

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025225.D
 Acq On : 18 Nov 2021 21:31
 Operator : JC/MD
 Sample : M4677-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AA8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Title : VOC Analysis

Signal : TIC: VX025225.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	26	30	41	rBV2	40211	52858	5.50%	0.297%
2	1.368	41	46	52	rVV	417976	402052	41.83%	2.260%
3	1.660	89	94	102	rBV	65391	86920	9.04%	0.489%
4	1.740	102	107	120	rVB	675979	961125	100.00%	5.403%
5	1.947	137	141	154	rVB	128722	201082	20.92%	1.130%
6	2.063	156	160	167	rVV	31015	46348	4.82%	0.261%
7	2.136	167	172	180	rVV2	129639	211568	22.01%	1.189%
8	2.209	180	184	194	rVB	30811	47297	4.92%	0.266%
9	2.307	194	200	211	rBV	104585	200016	20.81%	1.124%
10	2.709	258	266	269	rVV5	19781	45796	4.76%	0.257%
11	2.776	273	277	280	rVV2	47018	99950	10.40%	0.562%
12	2.825	280	285	287	rVV	154536	292367	30.42%	1.644%
13	2.861	287	291	302	rVV	352723	746791	77.70%	4.198%
14	2.965	302	308	319	rVB2	23893	54587	5.68%	0.307%
15	3.099	319	330	343	rVB	140141	313364	32.60%	1.762%
16	3.733	427	434	443	rVB	9585	22735	2.37%	0.128%
17	3.904	455	462	470	rVV2	13023	31363	3.26%	0.176%
18	4.306	517	528	542	rVB	293902	842625	87.67%	4.737%
19	4.459	542	553	568	rBV	56571	173702	18.07%	0.976%
20	5.062	638	652	665	rVV	70217	232592	24.20%	1.308%
21	5.196	667	674	687	rVB2	22823	70498	7.33%	0.396%
22	5.477	707	720	733	rBV	253494	797229	82.95%	4.482%
23	5.617	733	743	763	rVB6	27190	106958	11.13%	0.601%
24	5.842	766	780	791	rBV4	78474	276380	28.76%	1.554%
25	5.977	791	802	807	rBV2	178742	534249	55.59%	3.003%
26	6.044	807	813	825	rVB	370904	949981	98.84%	5.340%
27	6.166	825	833	838	rBV2	74878	228668	23.79%	1.285%
28	6.361	857	865	877	rVB	81938	235644	24.52%	1.325%
29	6.763	921	931	942	rBV	162617	418023	43.49%	2.350%
30	7.171	993	998	1007	rVB3	15855	36398	3.79%	0.205%
31	7.312	1013	1021	1026	rBV	109985	248221	25.83%	1.395%
32	7.379	1026	1032	1039	rVB4	112261	274923	28.60%	1.546%
33	7.659	1071	1078	1086	rVB	32430	63906	6.65%	0.359%
34	7.781	1090	1098	1104	rBV	23227	47879	4.98%	0.269%
35	7.854	1104	1110	1113	rBV	19960	41000	4.27%	0.230%
36	7.958	1121	1127	1133	rVB	25122	44436	4.62%	0.250%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Title : VOC Analysis

37	8.147	1144	1158	1163	rBV	141977	270000	28.09%	1.518%
38	8.196	1163	1166	1176	rVB2	19807	36206	3.77%	0.204%
39	8.324	1176	1187	1194	rBV	107231	199384	20.74%	1.121%
40	8.427	1199	1204	1210	rVV2	28522	50650	5.27%	0.285%
41	8.507	1211	1217	1225	rVB	120298	198356	20.64%	1.115%
42	8.604	1225	1233	1236	rBV2	129047	242695	25.25%	1.364%
43	8.653	1236	1241	1249	rVV	305209	551602	57.39%	3.101%
44	8.775	1255	1261	1266	rVV	61601	110439	11.49%	0.621%
45	8.842	1266	1272	1281	rVB2	69864	138377	14.40%	0.778%
46	8.976	1281	1294	1306	rBV3	120264	356289	37.07%	2.003%
47	9.104	1306	1315	1320	rBV	64722	114868	11.95%	0.646%
48	9.165	1320	1325	1335	rVB2	65978	115275	11.99%	0.648%
49	9.385	1356	1361	1366	rBV	250761	355820	37.02%	2.000%
50	9.433	1366	1369	1377	rVV3	22277	55767	5.80%	0.313%
51	9.513	1377	1382	1386	rVV2	39371	65191	6.78%	0.366%
52	9.561	1386	1390	1395	rVV	259385	375684	39.09%	2.112%
53	9.610	1395	1398	1404	rVB3	46743	81401	8.47%	0.458%
54	9.769	1417	1424	1431	rBV4	43799	88017	9.16%	0.495%
55	9.836	1431	1435	1444	rVB5	12714	27338	2.84%	0.154%
56	9.951	1448	1454	1461	rBV4	37887	81662	8.50%	0.459%
57	10.025	1461	1466	1468	rBV	69104	101219	10.53%	0.569%
58	10.055	1468	1471	1476	rVB	333127	419342	43.63%	2.357%
59	10.104	1476	1479	1481	rBV2	26846	36434	3.79%	0.205%
60	10.134	1481	1484	1490	rVB2	50394	101732	10.58%	0.572%
61	10.195	1490	1494	1497	rBV	68750	86787	9.03%	0.488%
62	10.244	1497	1502	1506	rBV2	109228	197548	20.55%	1.111%
63	10.305	1510	1512	1518	rVB3	38801	58757	6.11%	0.330%
64	10.421	1526	1531	1533	rBV	46452	66795	6.95%	0.375%
65	10.592	1552	1559	1565	rVB4	23809	54669	5.69%	0.307%
66	10.646	1565	1568	1574	rVB2	20600	27448	2.86%	0.154%
67	10.787	1583	1591	1597	rBV2	55648	106103	11.04%	0.596%
68	10.848	1597	1601	1606	rBV3	48083	87740	9.13%	0.493%
69	10.903	1606	1610	1613	rBV	48194	57879	6.02%	0.325%
70	10.939	1613	1616	1617	rBV	29297	30691	3.19%	0.173%
71	10.963	1617	1620	1629	rVB	112623	151105	15.72%	0.849%
72	11.177	1650	1655	1656	rBV	235891	290484	30.22%	1.633%
73	11.305	1672	1676	1681	rVB	79479	104159	10.84%	0.586%
74	11.390	1687	1690	1694	rBV2	40612	54174	5.64%	0.305%
75	11.439	1694	1698	1700	rBV	53672	77590	8.07%	0.436%
76	11.616	1718	1727	1735	rBV	208759	289945	30.17%	1.630%

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Integration Parameters: LSCINT.P

Integrator: RTE

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 Title : VOC Analysis

77	11.701	1735	1741	1745	rVV3	23444	55329	5.76%	0.311%
78	11.744	1745	1748	1751	rVV3	19533	27112	2.82%	0.152%
79	11.799	1752	1757	1764	rVV	370157	445905	46.39%	2.507%
80	11.890	1764	1772	1778	rVV3	67175	145132	15.10%	0.816%
81	11.969	1778	1785	1789	rVB5	30927	67859	7.06%	0.381%
82	12.024	1789	1794	1800	rBV	382428	470897	48.99%	2.647%
83	12.116	1806	1809	1813	rVV4	14718	29346	3.05%	0.165%
84	12.177	1817	1819	1825	rVB	22644	32527	3.38%	0.183%
85	12.250	1825	1831	1834	rBV2	44641	70499	7.34%	0.396%
86	12.323	1838	1843	1848	rVB	359908	480740	50.02%	2.703%
87	12.414	1855	1858	1863	rVB4	21329	34384	3.58%	0.193%
88	12.518	1869	1875	1880	rVB	27159	39539	4.11%	0.222%
89	12.701	1901	1905	1912	rVV	111426	171269	17.82%	0.963%
90	12.762	1912	1915	1919	rVV	29850	42457	4.42%	0.239%
91	12.841	1923	1928	1935	rVV3	21485	51358	5.34%	0.289%
92	12.908	1935	1939	1945	rVV5	12676	28739	2.99%	0.162%
93	12.963	1945	1948	1955	rVV2	29220	44272	4.61%	0.249%
94	13.030	1955	1959	1965	rVB3	21954	34100	3.55%	0.192%
95	13.341	2006	2010	2020	rVB5	22440	39729	4.13%	0.223%
96	13.426	2020	2024	2029	rVB3	16344	22126	2.30%	0.124%
97	13.494	2032	2035	2040	rVV3	13826	25782	2.68%	0.145%
98	13.542	2040	2043	2047	rVV	19502	27155	2.83%	0.153%
99	13.872	2091	2097	2100	rBV2	12603	23414	2.44%	0.132%
100	14.786	2242	2247	2252	rBV2	14423	23716	2.47%	0.133%

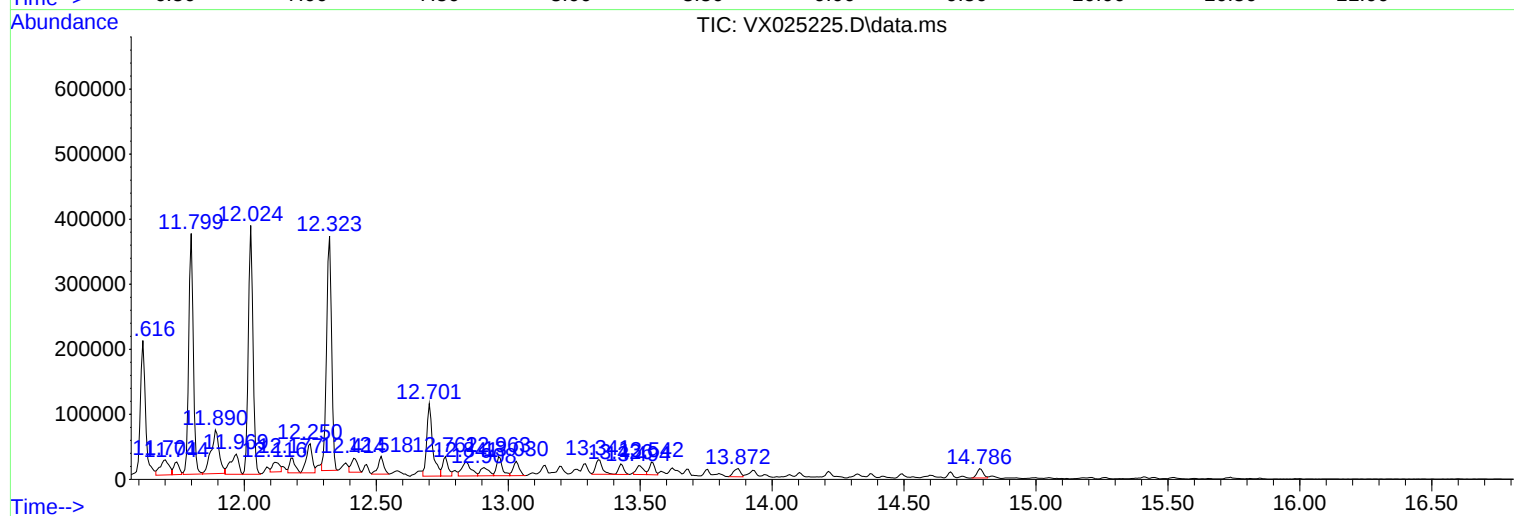
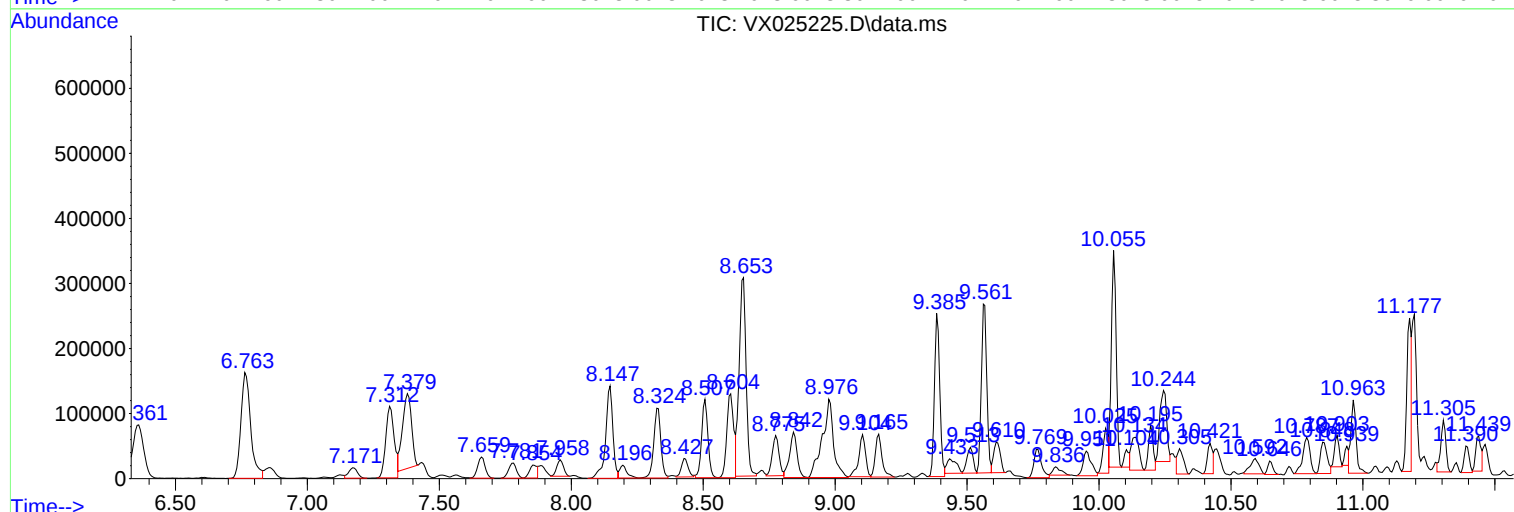
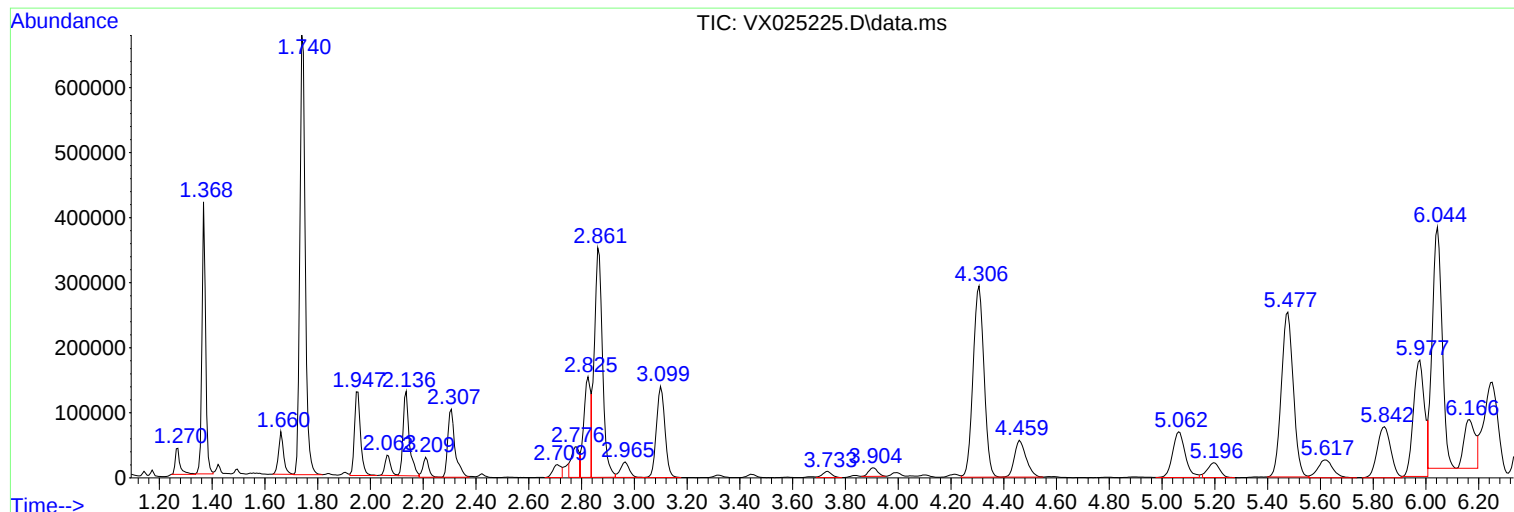
Sum of corrected areas: 17788539

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

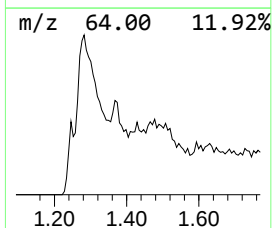
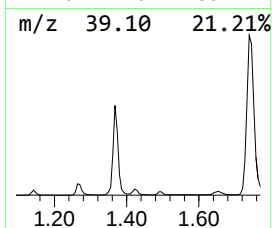
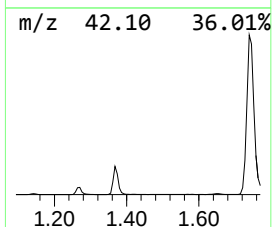
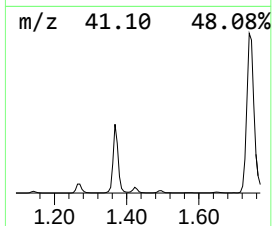
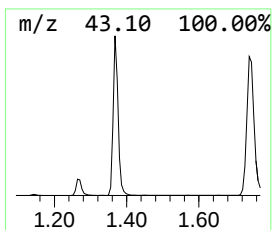
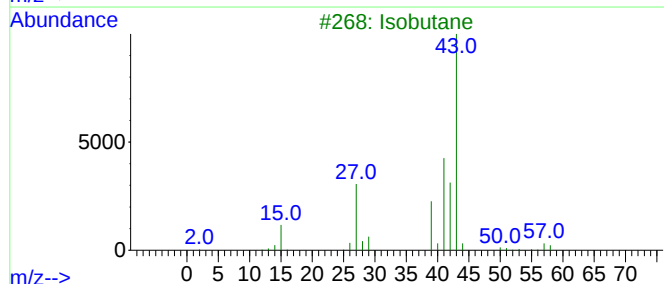
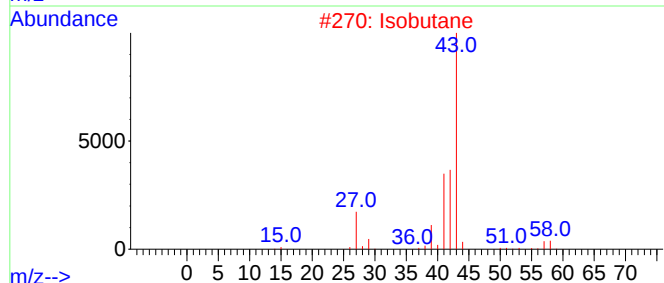
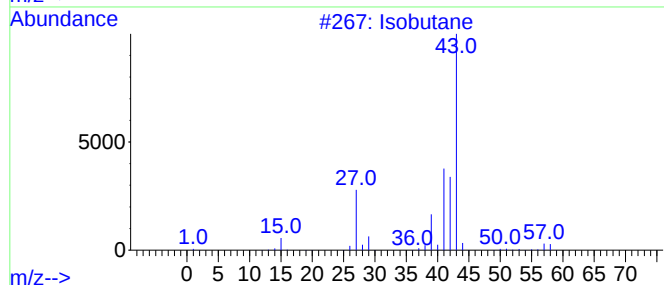
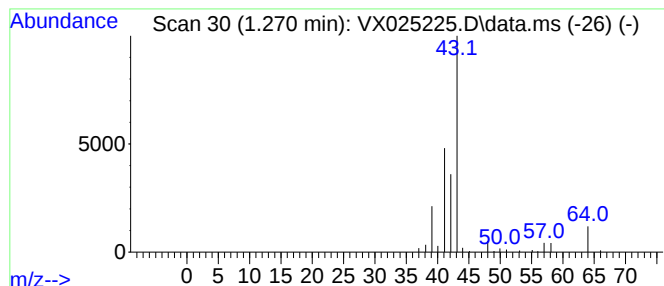
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	6.32 ug/L	52858	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	53
2		Isobutane	58	C4H10	000075-28-5	53
3		Isobutane	58	C4H10	000075-28-5	53
4		Isobutane	58	C4H10	000075-28-5	53
5		Isobutane	58	C4H10	000075-28-5	42



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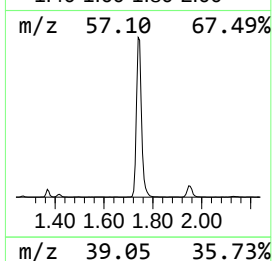
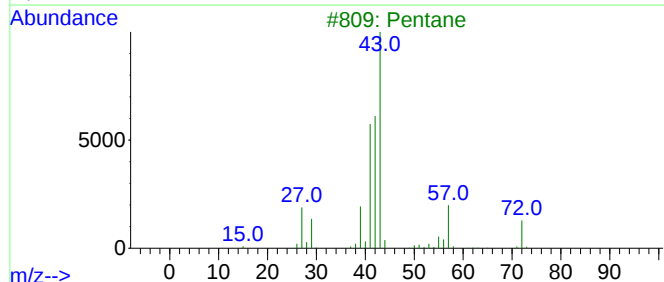
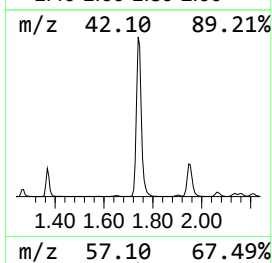
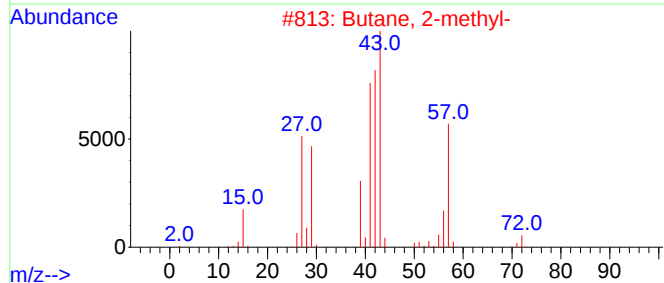
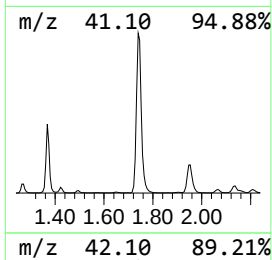
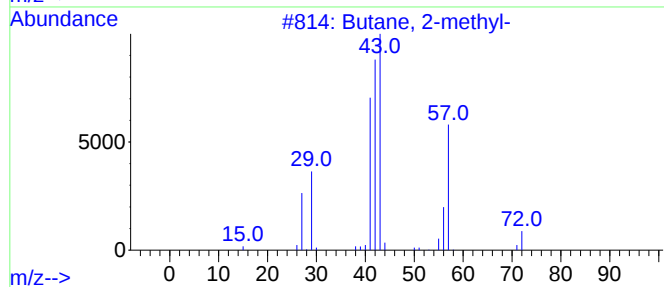
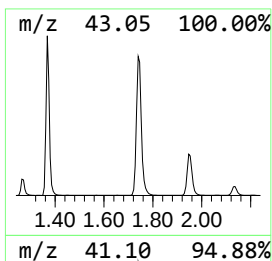
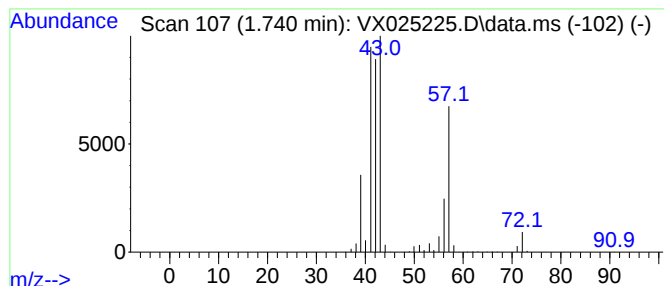
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.740	114.96 ug/L	961125	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			Butane, 2-methyl-	72	C5H12	000078-78-4	86
3			Pentane	72	C5H12	000109-66-0	33
4			3-Buten-1-ol	72	C4H8O	000627-27-0	28
5			Methane, isocyanato-	57	C2H3NO	000624-83-9	9



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Instrument :
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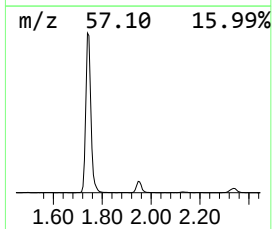
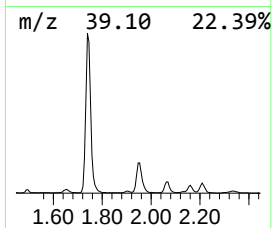
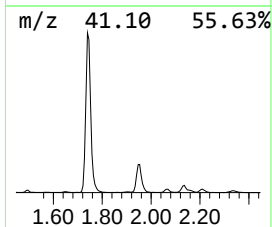
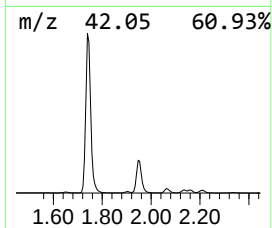
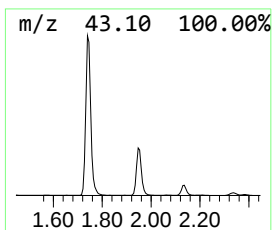
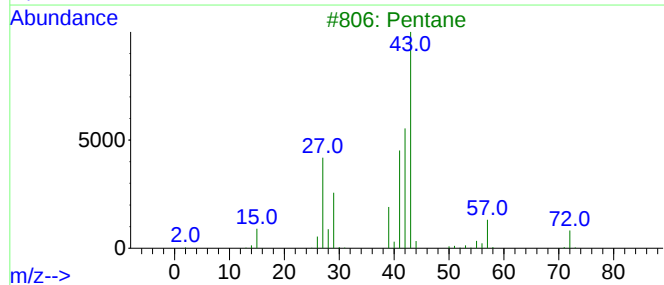
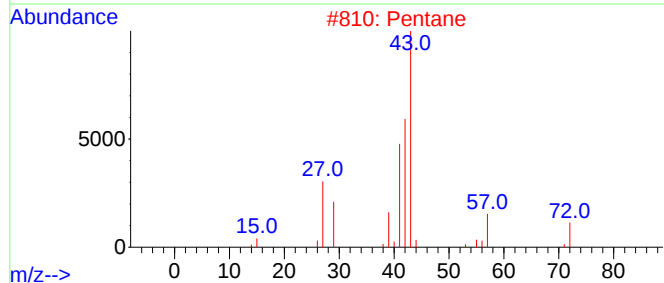
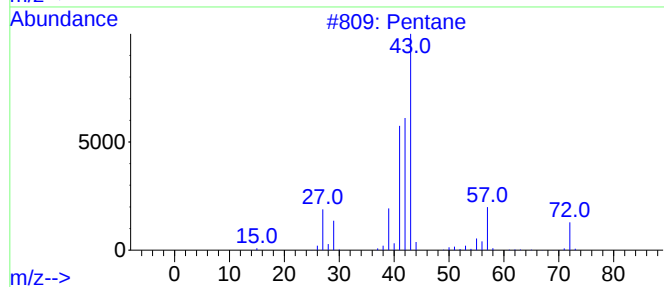
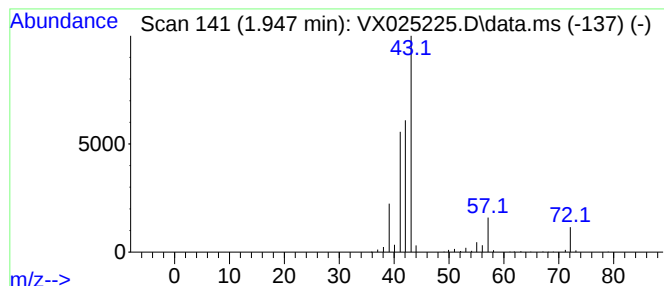
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.947	24.05 ug/L	201082	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	80
5		Butane, 2-methyl-	72	C5H12	000078-78-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

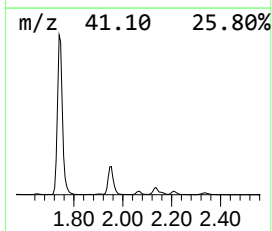
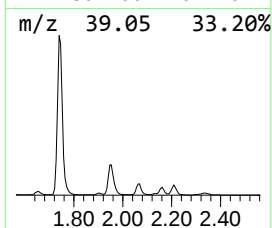
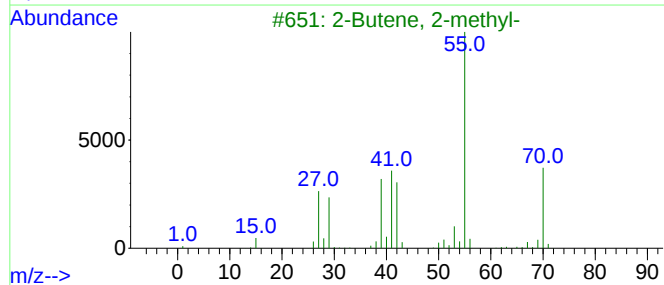
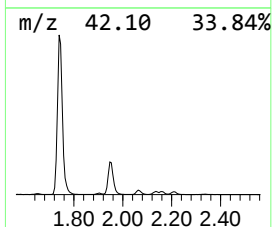
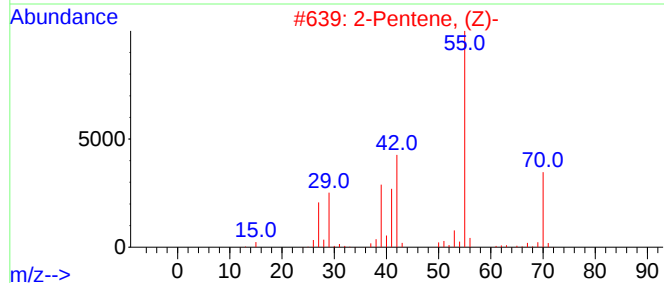
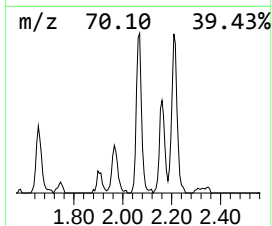
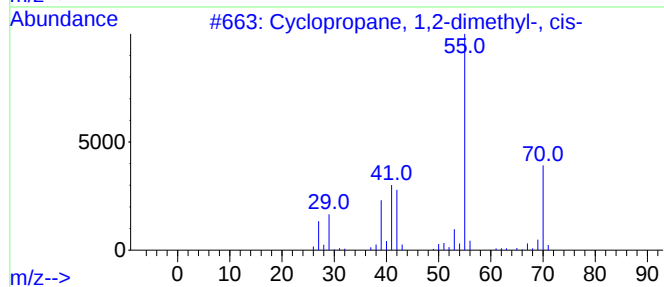
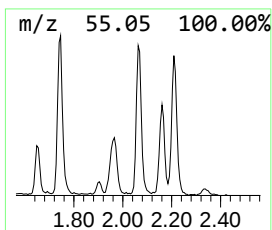
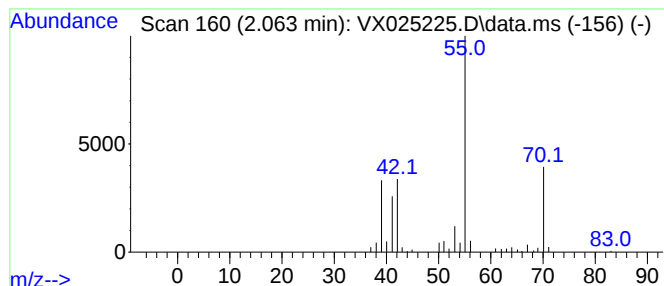
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic2.063 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.063	5.54 ug/L	46348	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2			2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3			2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4			2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5			2-Methyl-1-butene	70	C5H10	000563-46-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

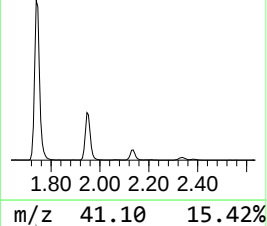
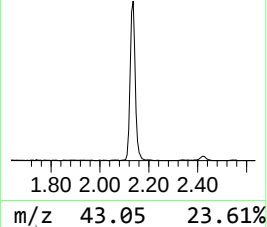
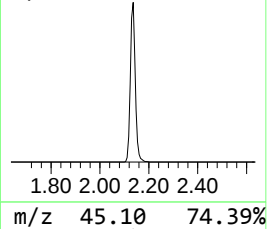
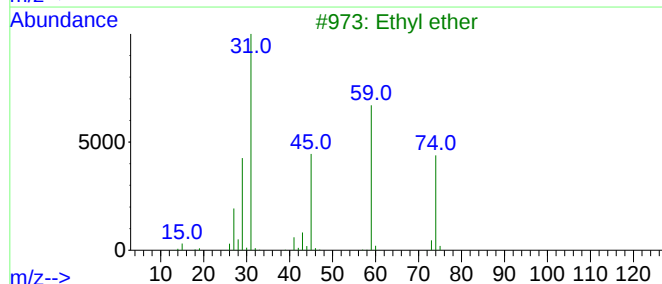
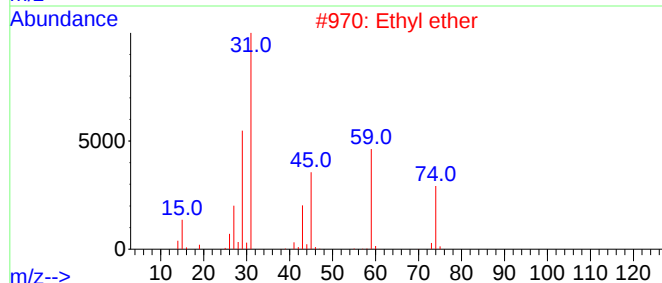
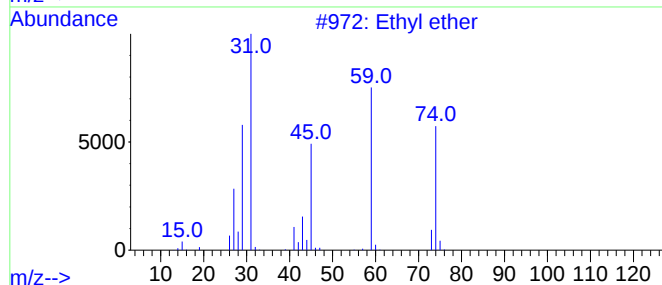
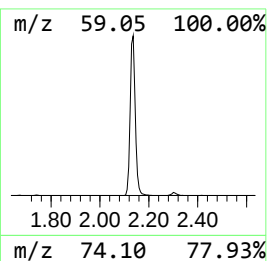
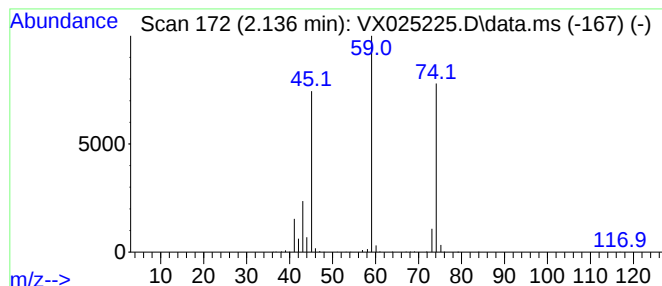
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Ethyl ether Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.136	25.31 ug/L	211568	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	90
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	90
4			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	50
5			Ethyl ether	74	C4H10O	000060-29-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

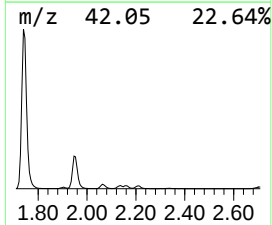
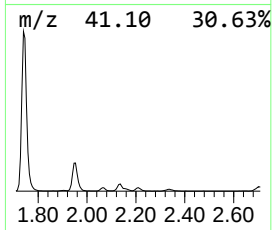
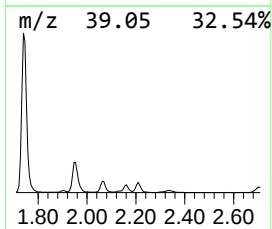
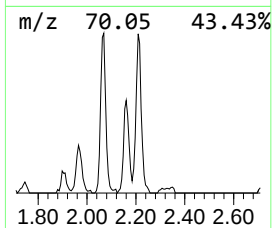
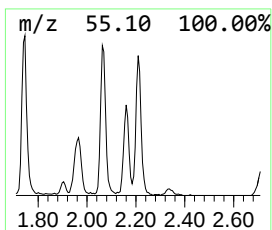
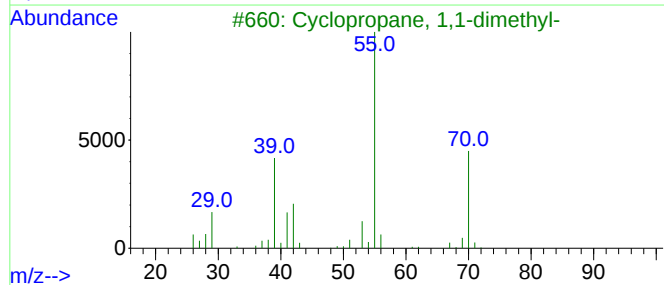
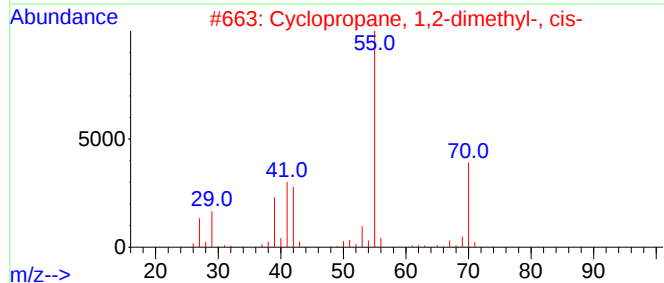
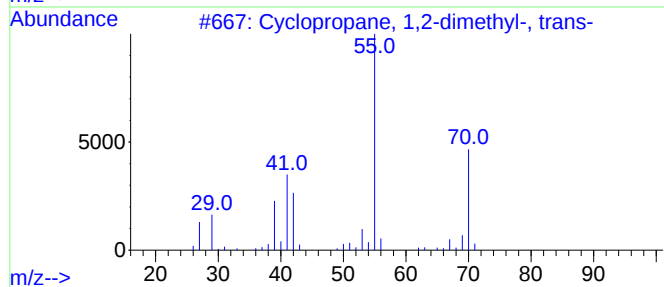
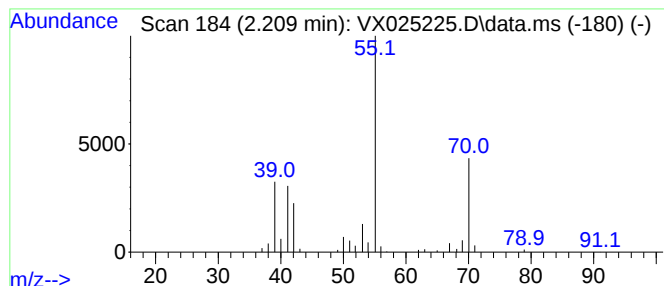
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic2.209 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.209	5.66 ug/L	47297	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
2			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3			Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
4			2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5			2-Methyl-1-butene	70	C5H10	000563-46-2	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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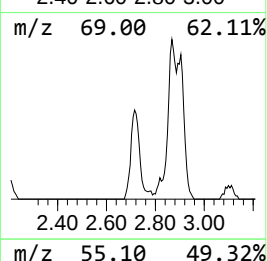
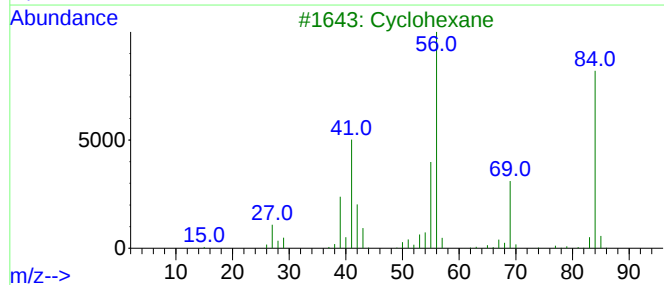
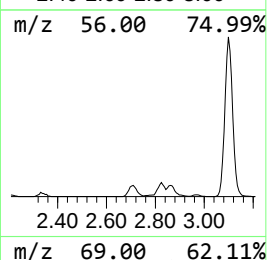
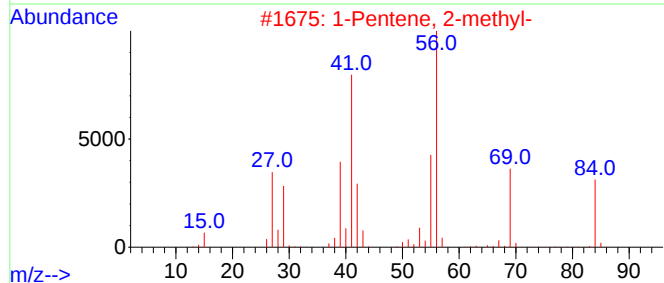
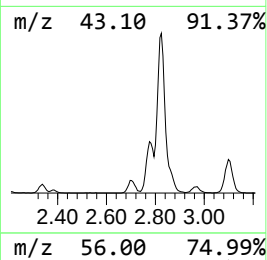
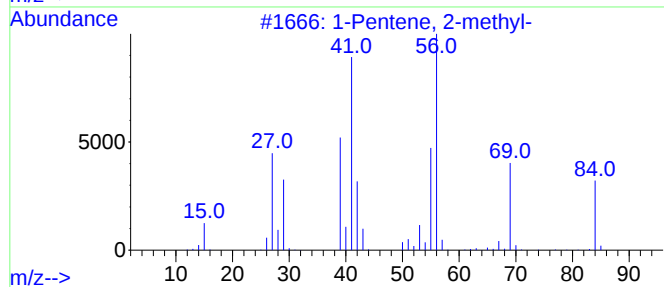
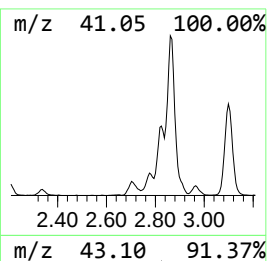
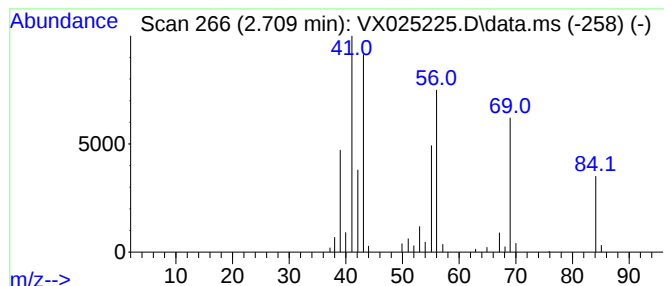
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.709	5.48 ug/L	45796	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	81
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
3		Cyclohexane	84	C6H12	000110-82-7	46
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	38
5		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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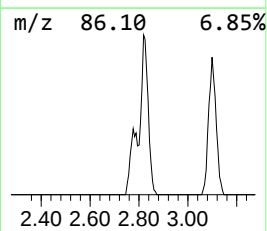
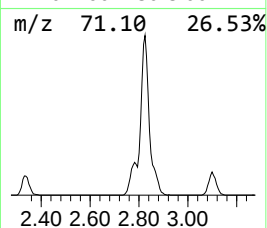
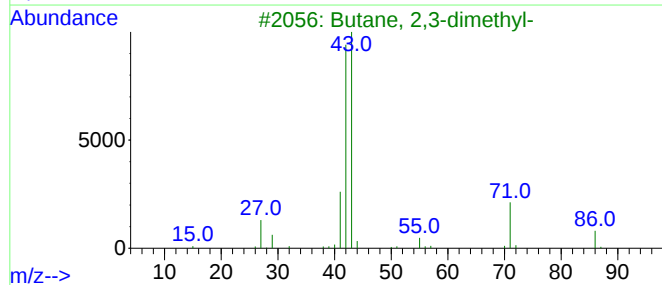
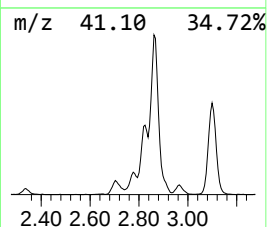
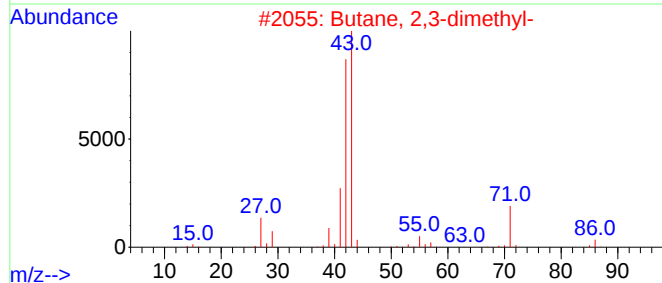
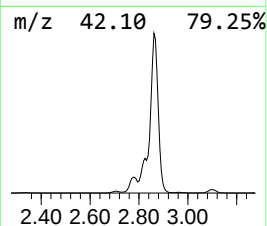
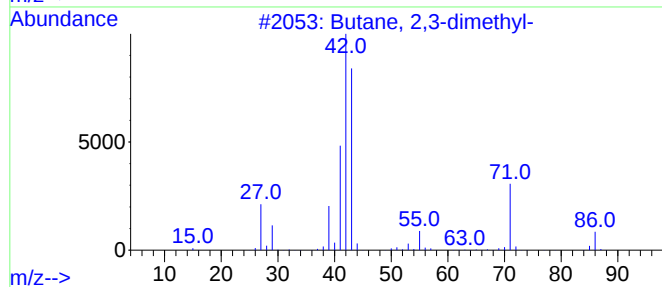
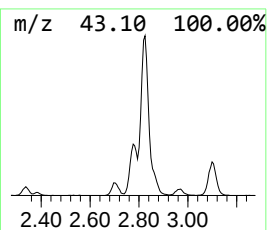
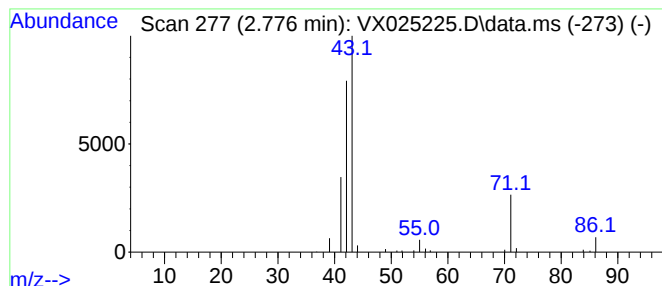
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.776	11.96 ug/L	99950	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5			1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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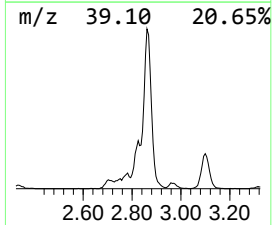
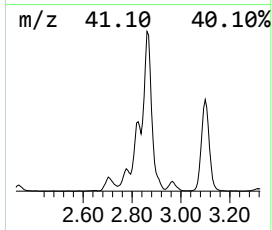
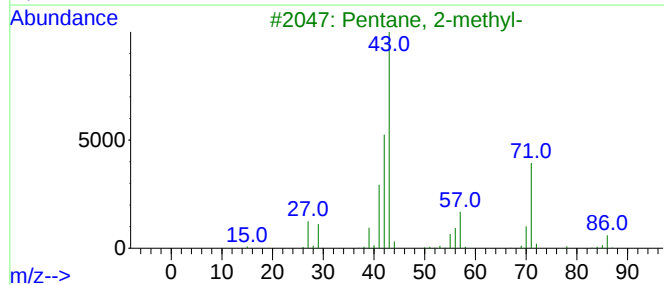
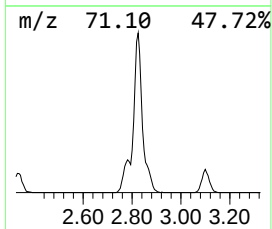
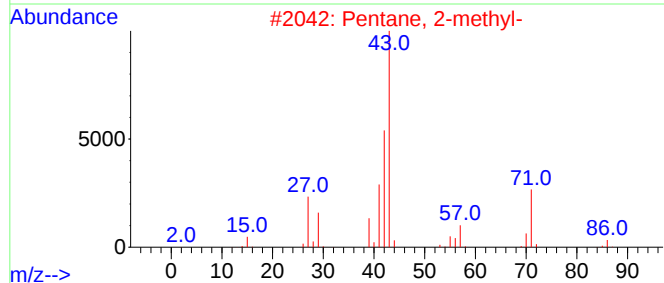
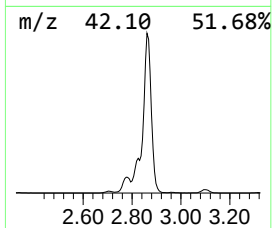
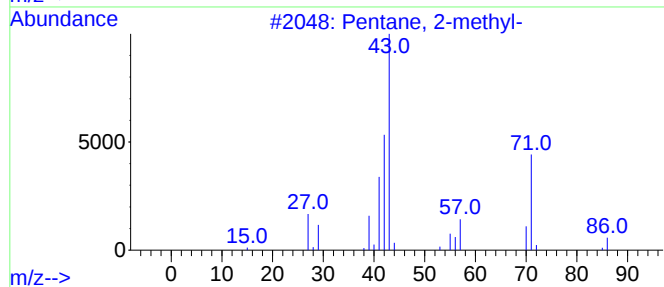
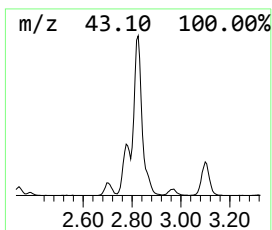
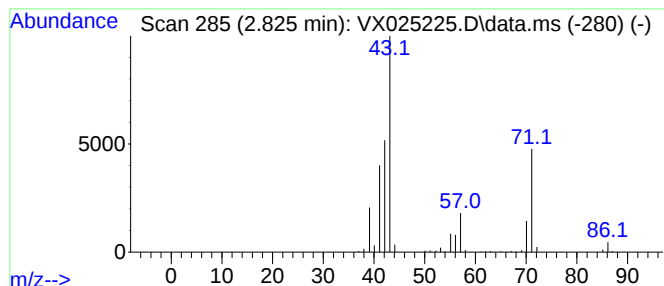
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	34.97 ug/L	292367	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	83
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	64
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

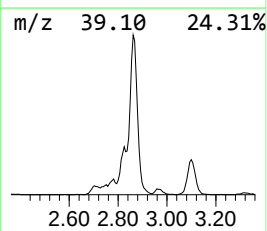
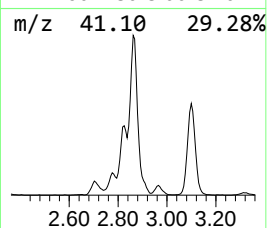
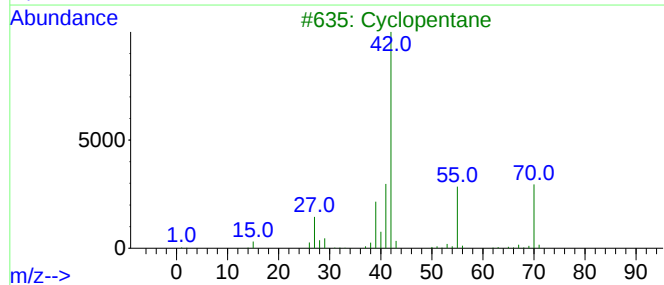
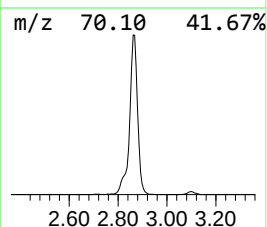
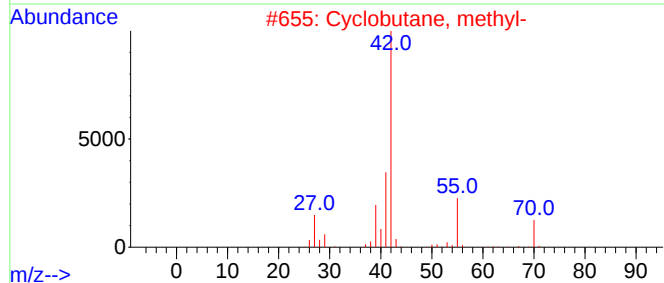
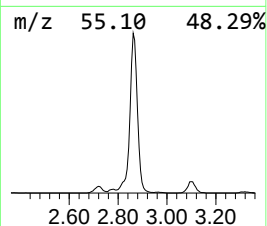
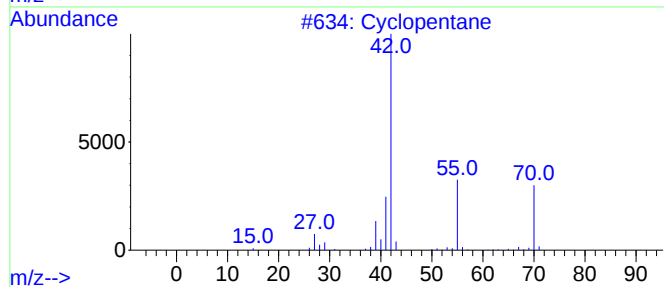
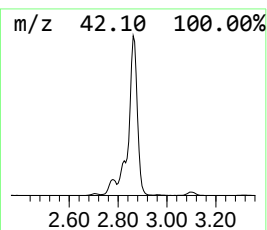
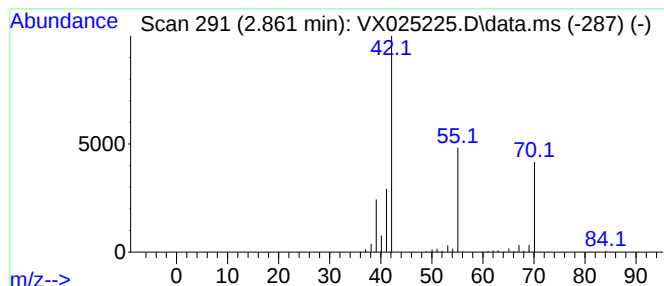
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic2.861 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.861	89.32 ug/L	746791	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane	70	C5H10	000287-92-3	78
2		Cyclobutane, methyl-	70	C5H10	000598-61-8	78
3		Cyclopentane	70	C5H10	000287-92-3	78
4		1-Pentene	70	C5H10	000109-67-1	56
5		1-Pentene	70	C5H10	000109-67-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

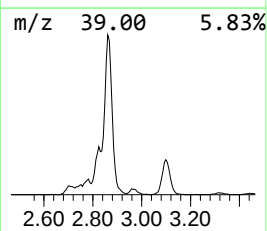
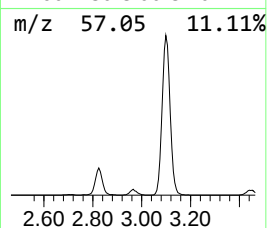
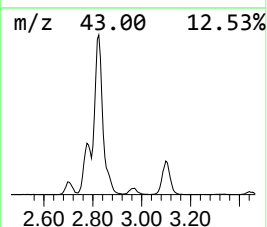
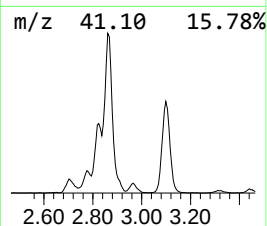
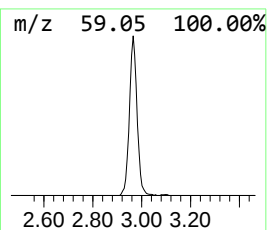
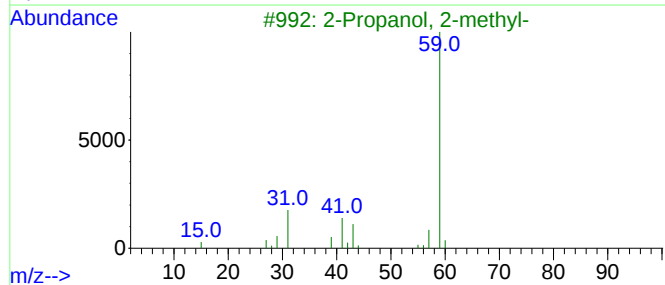
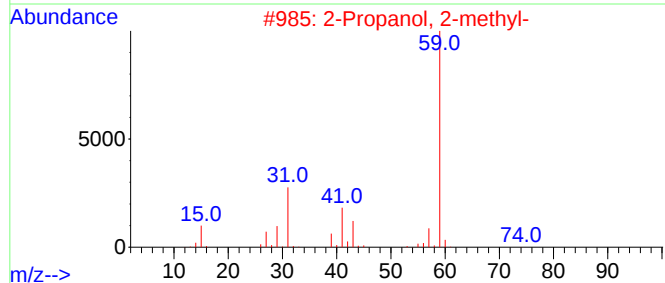
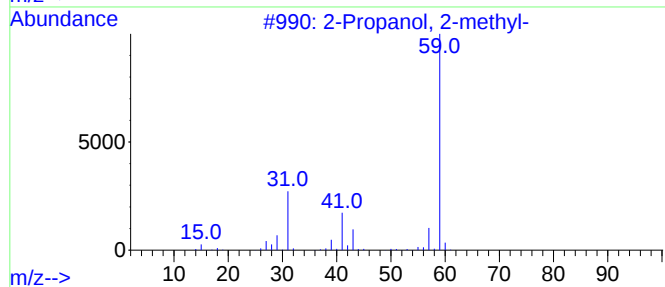
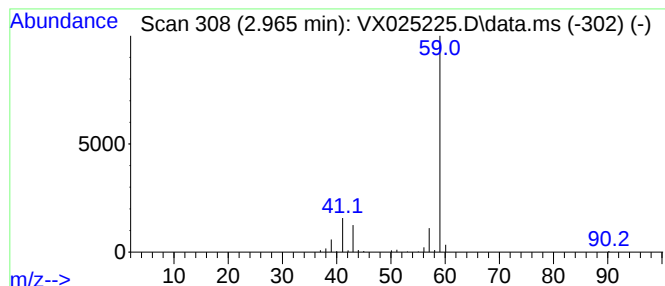
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Propanol, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.965	6.53 ug/L	54587	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-			74	C4H10O	000075-65-0	64
2	2-Propanol, 2-methyl-			74	C4H10O	000075-65-0	40
3	2-Propanol, 2-methyl-			74	C4H10O	000075-65-0	40
4	1,2-Butanediol			90	C4H10O2	000584-03-2	9
5	Formamide, N-methyl-			59	C2H5NO	000123-39-7	7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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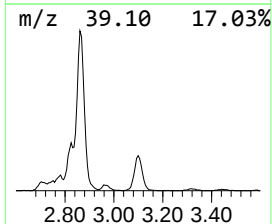
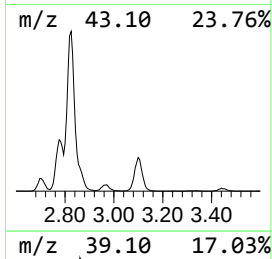
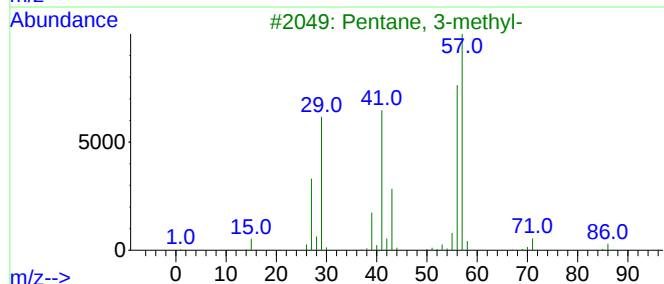
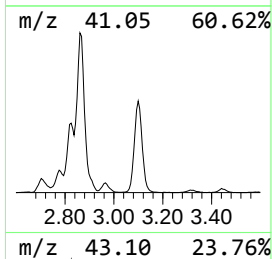
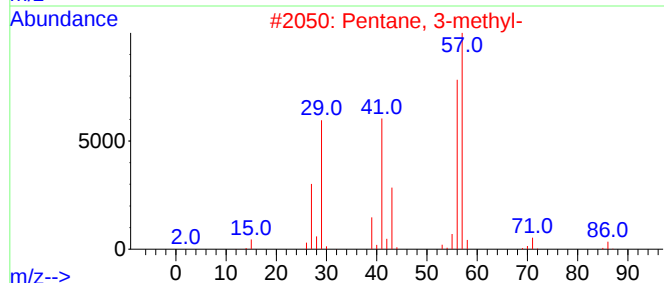
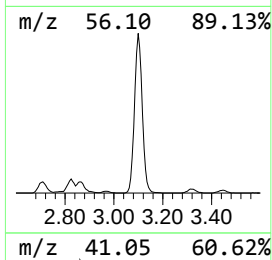
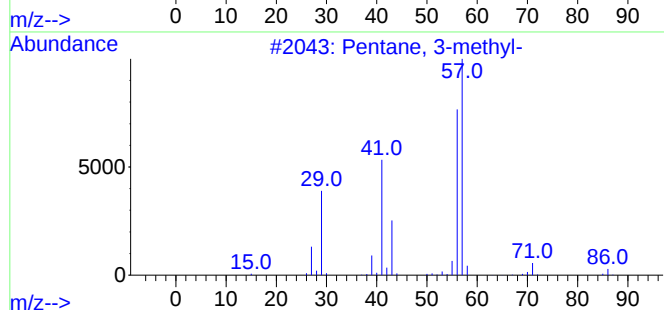
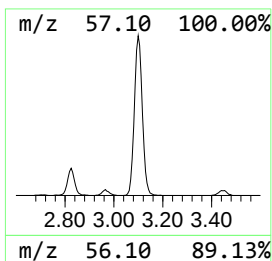
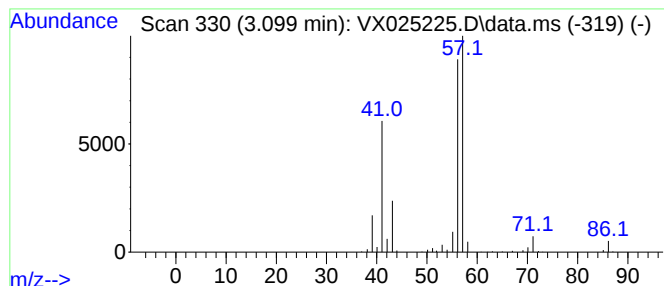
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.099	37.48 ug/L	313364	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5		Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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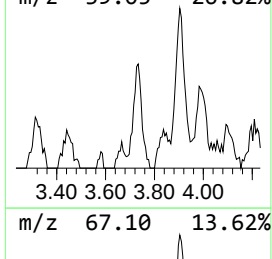
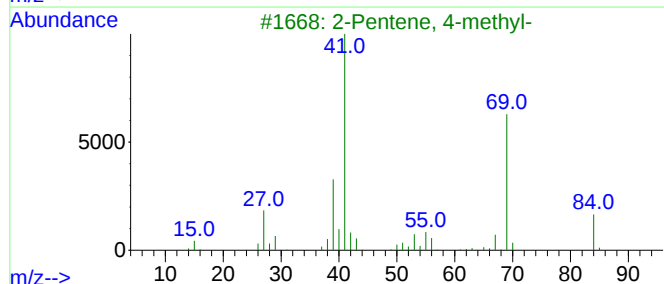
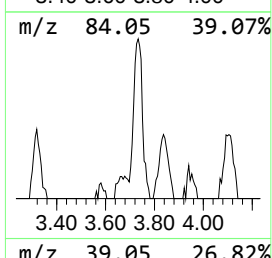
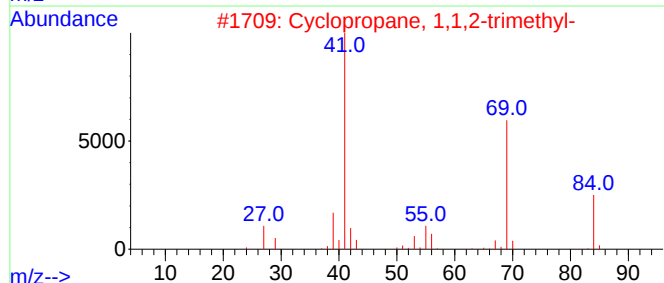
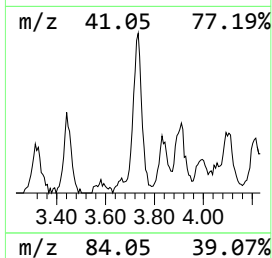
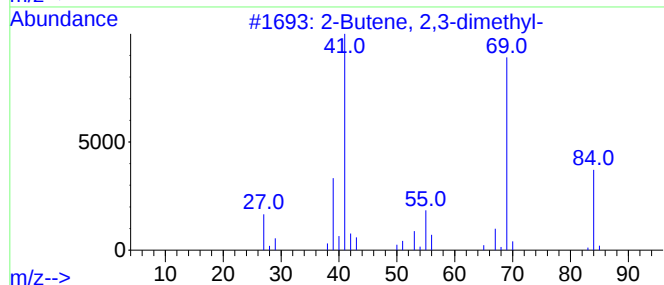
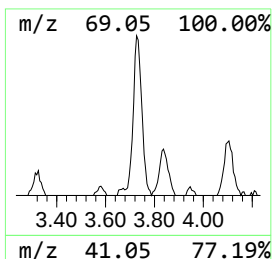
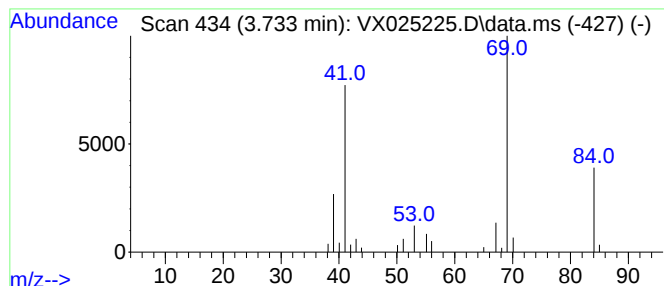
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.733	2.72 ug/L	22735	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90	
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86	
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	83	
4	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	83	
5	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	83	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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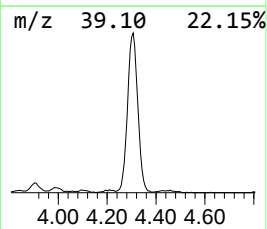
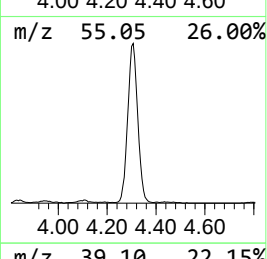
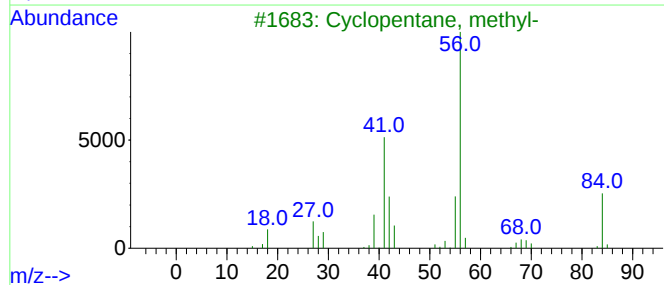
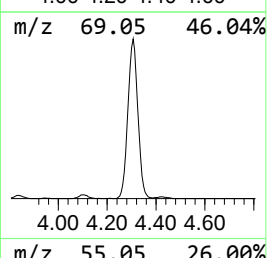
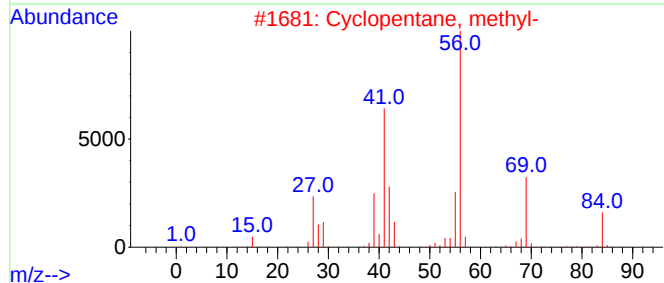
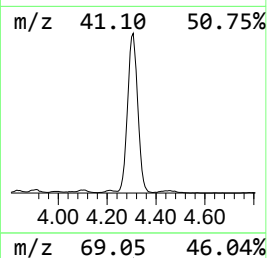
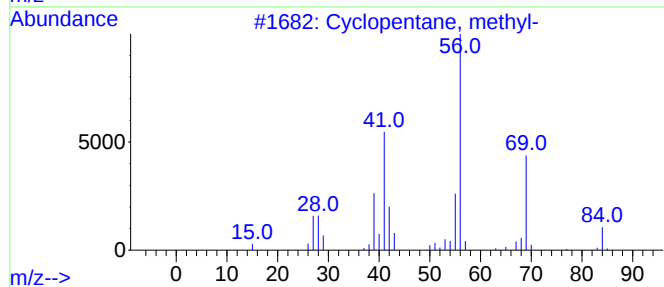
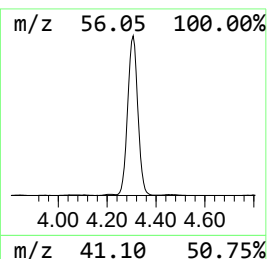
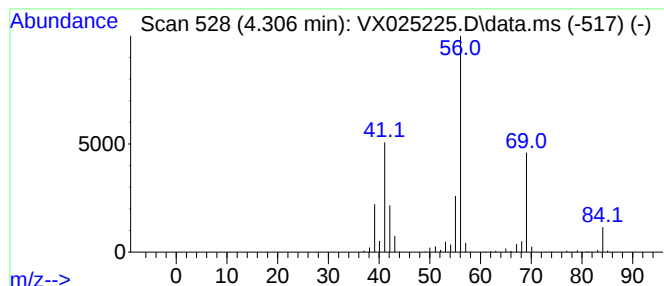
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic4.306 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	100.79 ug/L	842625	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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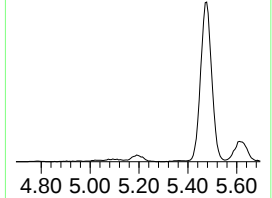
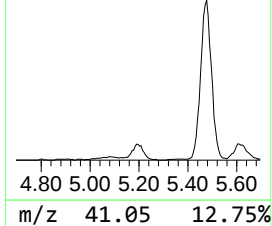
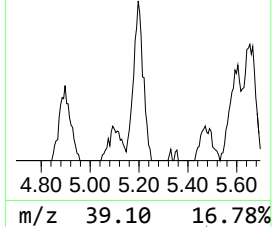
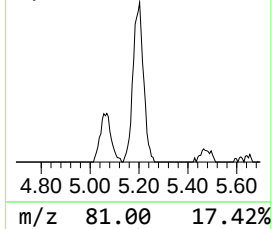
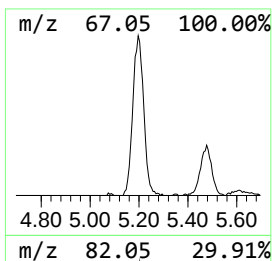
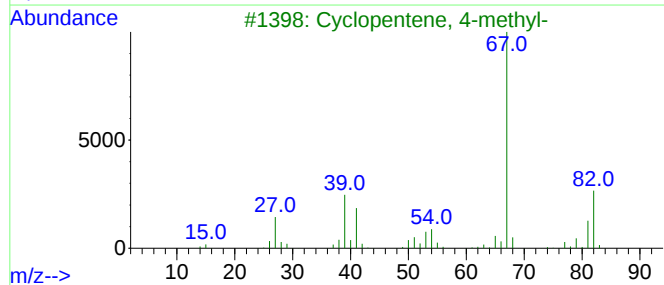
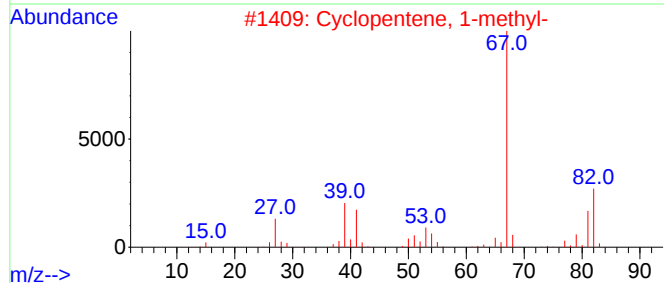
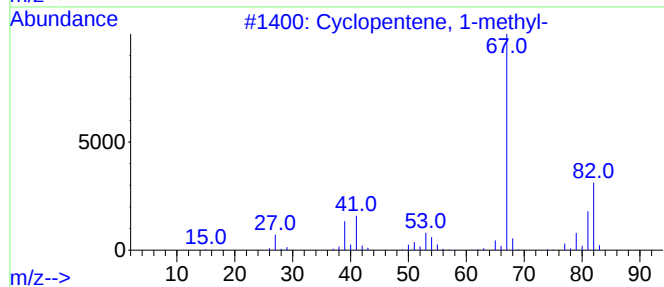
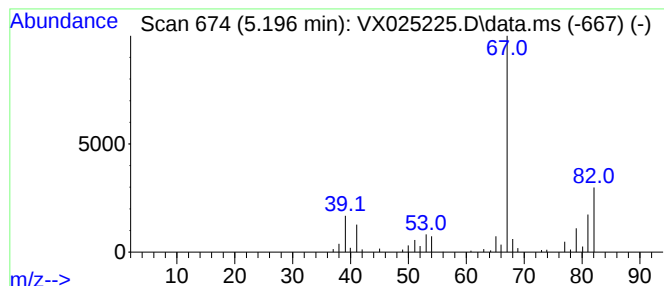
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopentene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.196	8.43 ug/L	70498	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
3			Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
4			Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5			Cyclopentane, methylene-	82	C6H10	001528-30-9	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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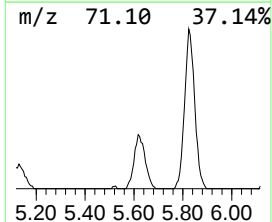
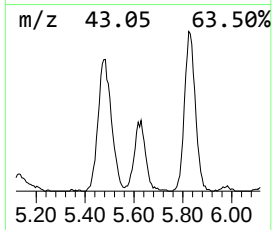
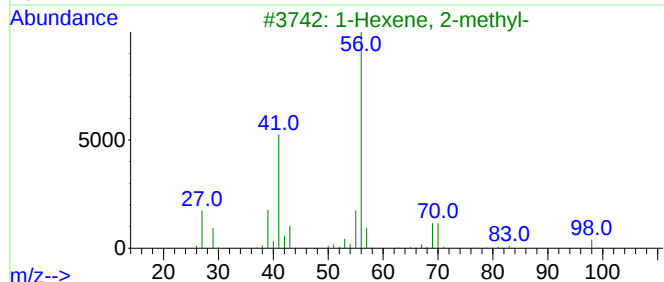
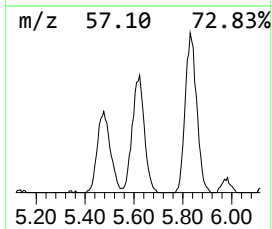
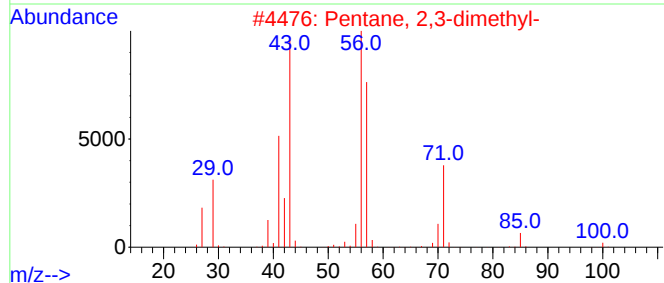
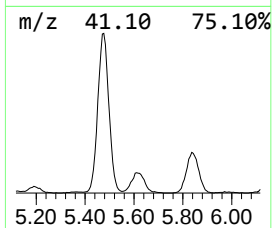
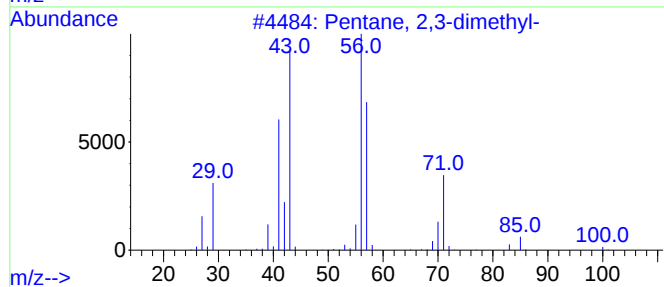
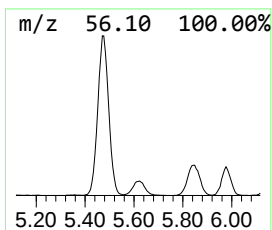
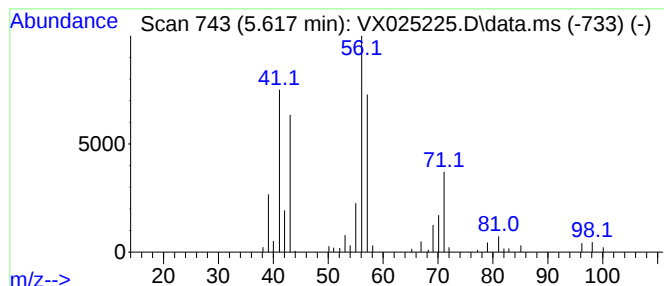
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.617	12.79 ug/L	106958	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	64
4			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	64
5			1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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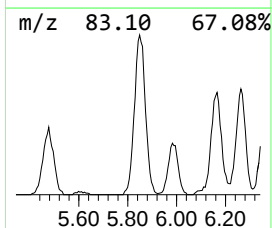
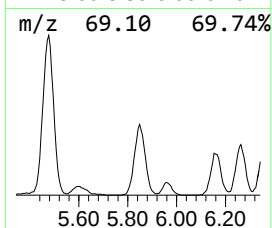
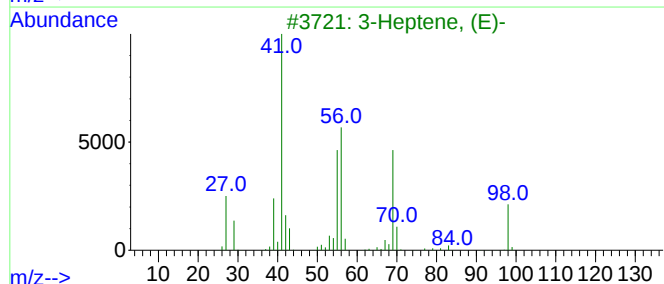
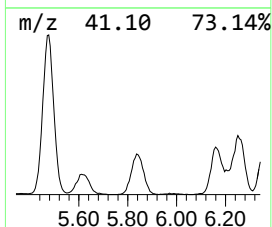
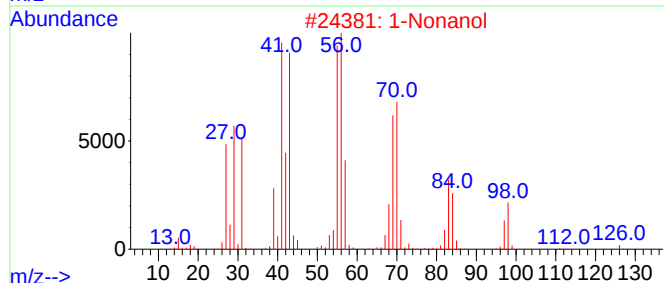
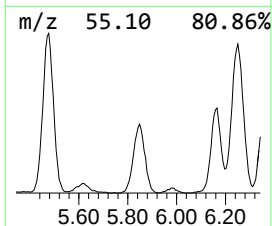
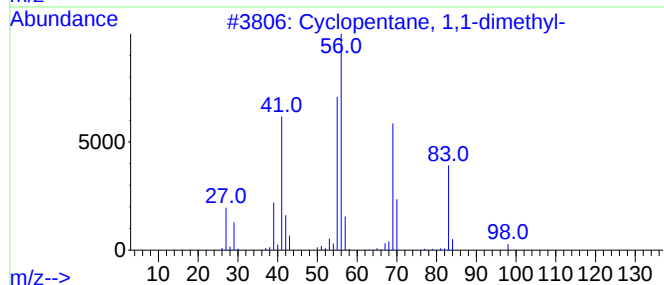
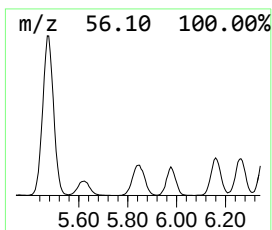
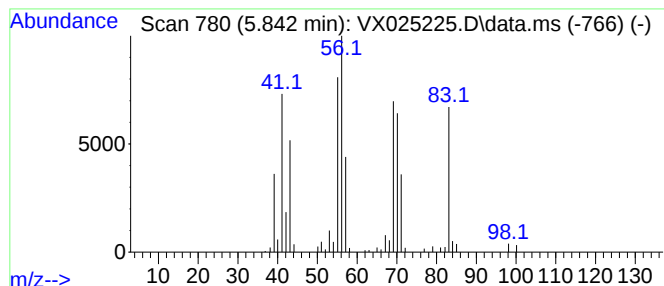
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic5.842 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.842	33.06 ug/L	276380	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	74
2			1-Nonanol	144	C9H20O	000143-08-8	64
3			3-Heptene, (E)-	98	C7H14	014686-14-7	46
4			3-Heptene, (E)-	98	C7H14	014686-14-7	46
5			Isopropylcyclobutane	98	C7H14	000872-56-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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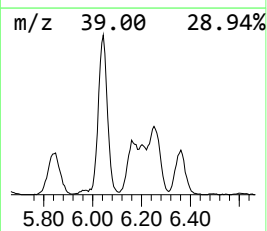
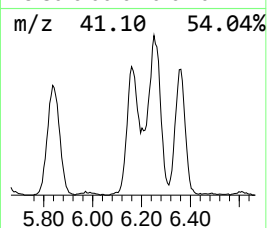
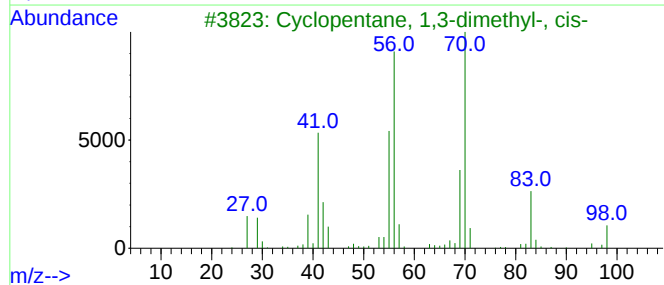
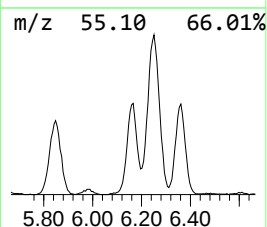
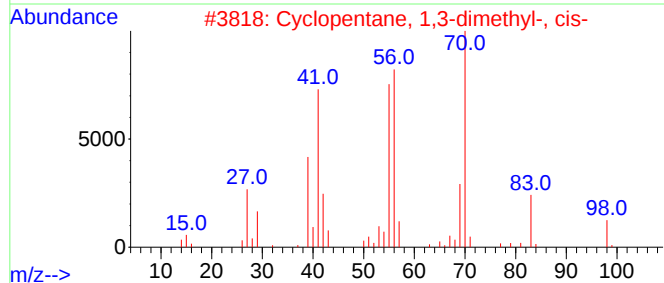
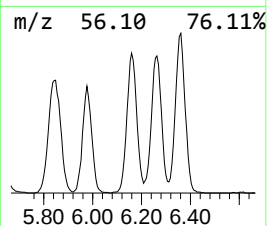
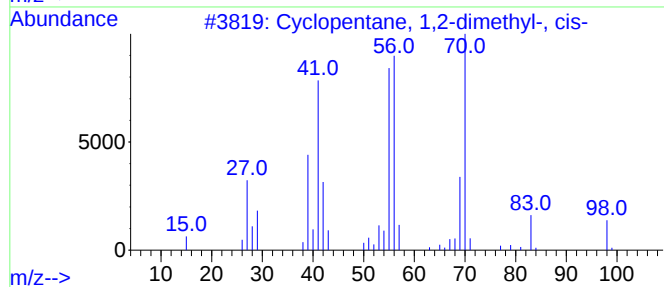
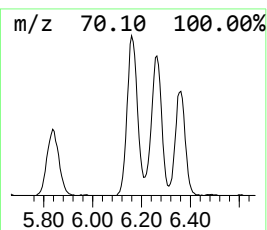
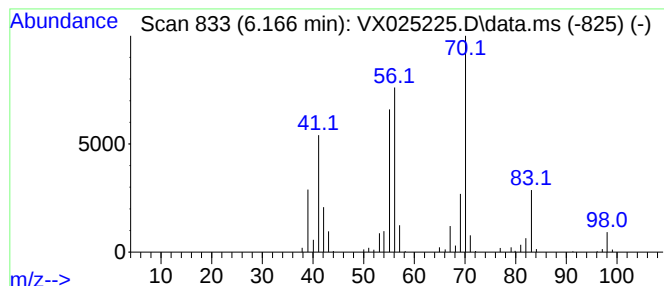
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic6.166 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.166	27.35 ug/L	228668	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	92
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
5			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

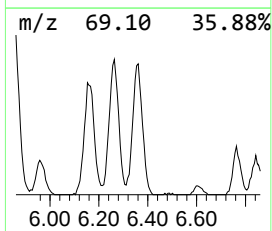
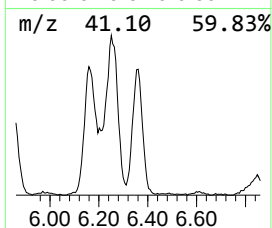
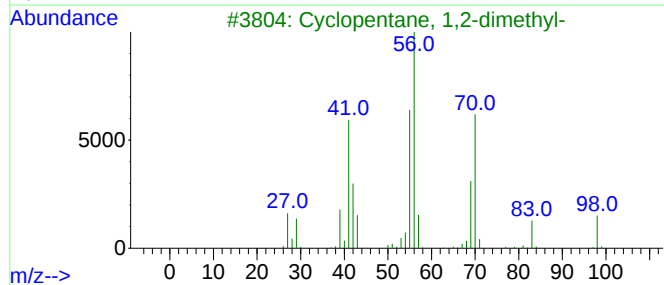
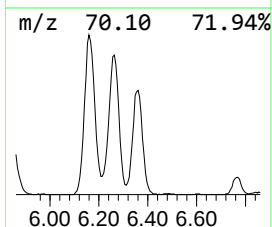
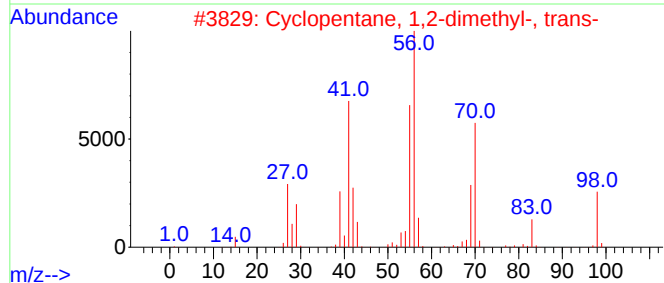
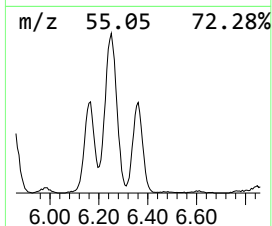
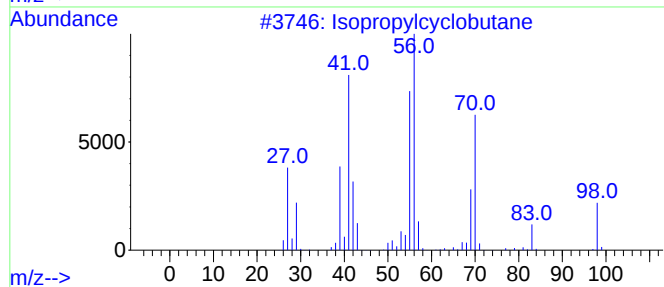
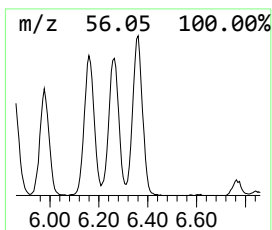
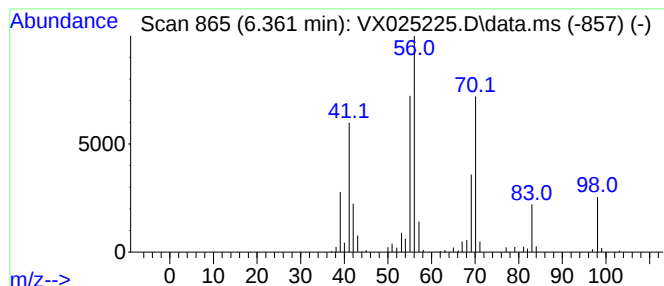
Instrument :
MSVOA_X
ClientSampleId :
H0AA8

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic6.361 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.361	28.19 ug/L	235644	1,4-Difluorobenzene	6.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	90
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

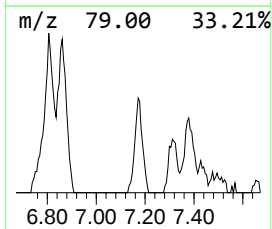
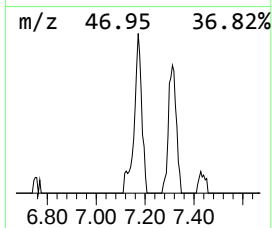
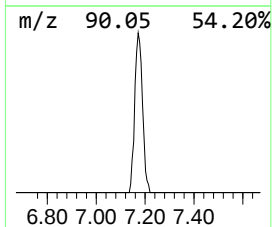
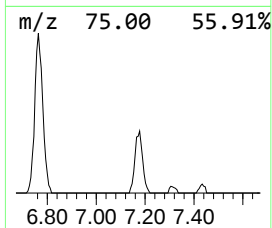
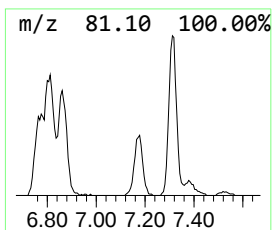
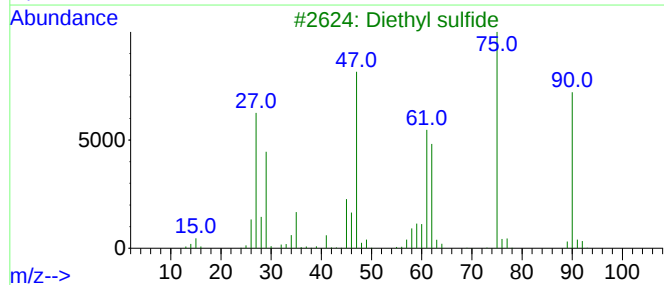
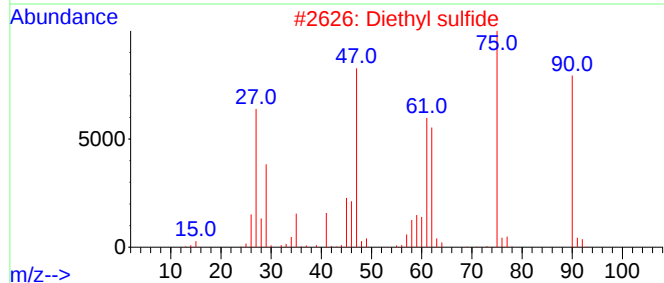
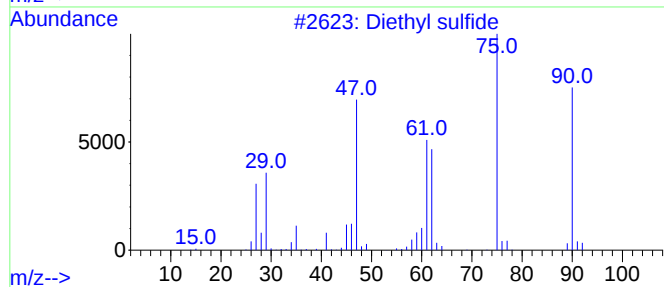
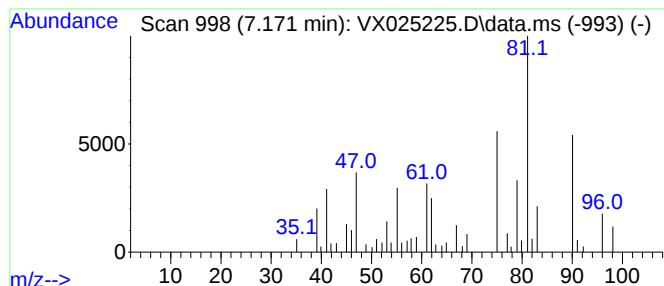
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Diethyl sulfide Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.171	4.35 ug/L	36398	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyl sulfide	90	C4H10S	000352-93-2	91
2			Diethyl sulfide	90	C4H10S	000352-93-2	64
3			Diethyl sulfide	90	C4H10S	000352-93-2	64
4			Diethyl sulfide	90	C4H10S	000352-93-2	64
5			Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

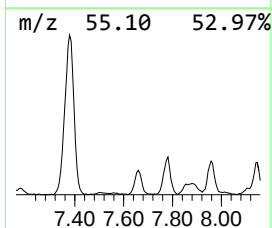
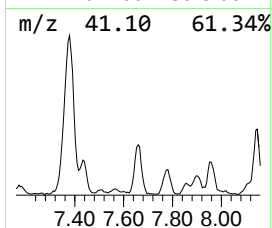
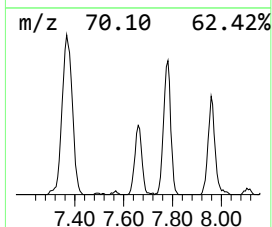
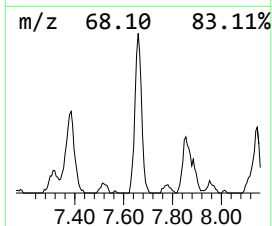
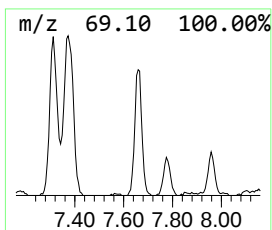
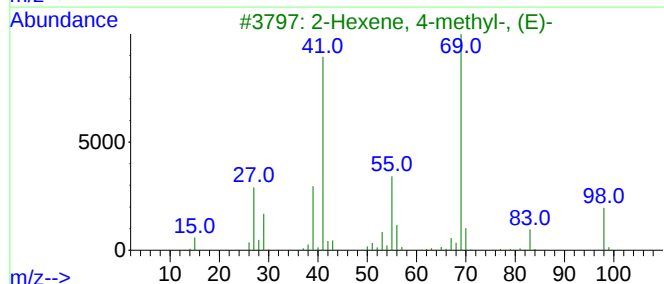
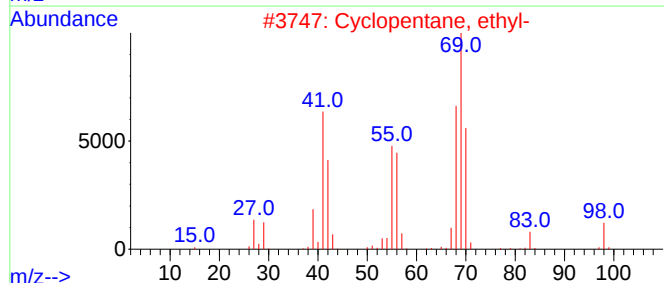
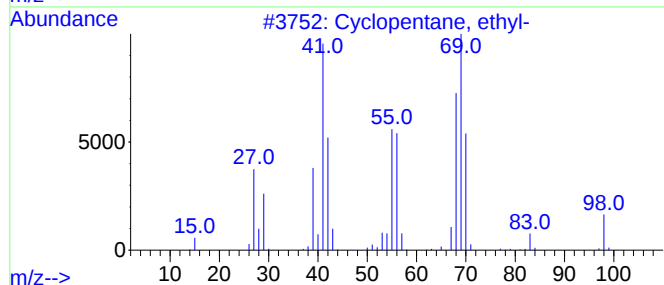
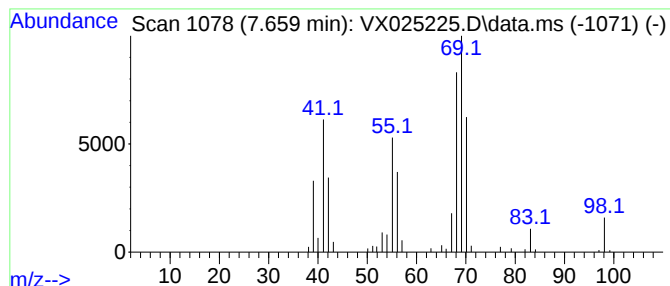
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic7.659 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.659	7.64 ug/L	63906	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	87
3		2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	43
4		3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

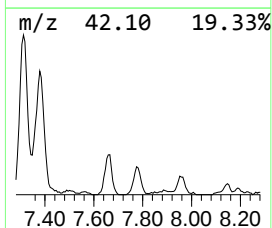
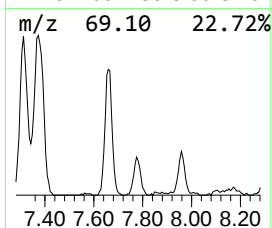
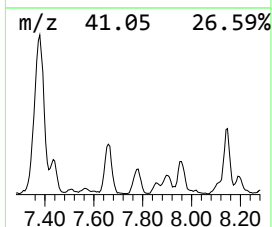
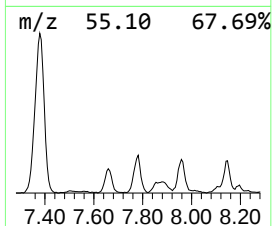
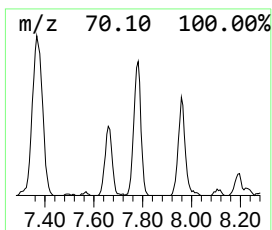
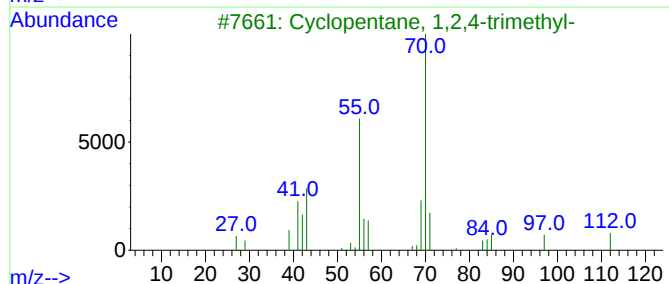
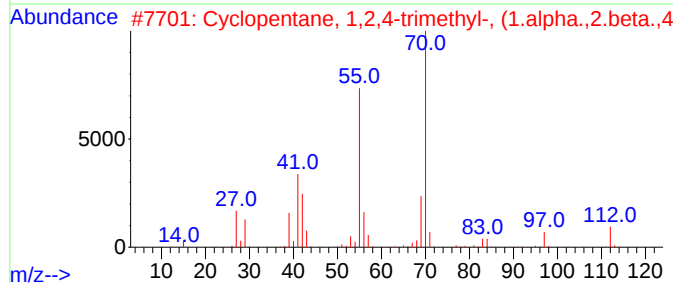
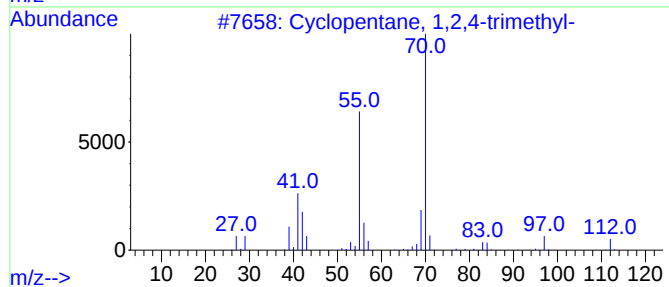
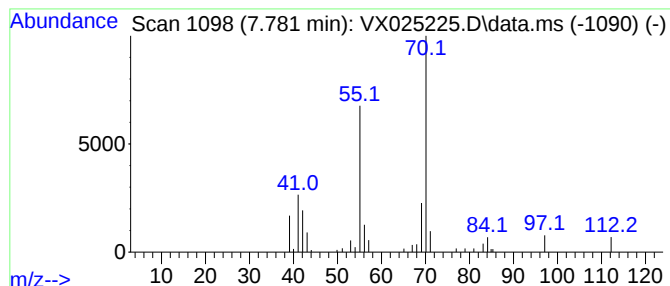
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic7.781 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.781	5.73 ug/L	47879	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	81
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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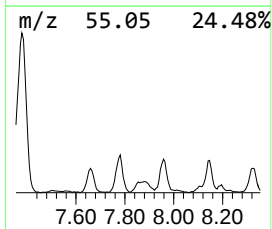
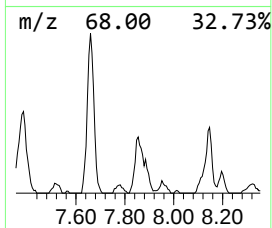
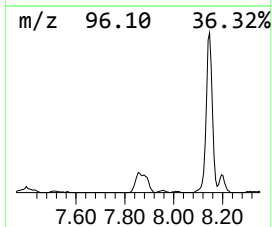
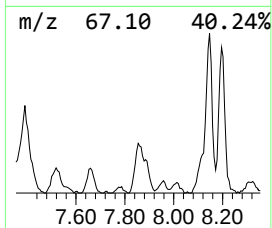
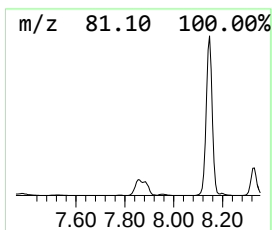
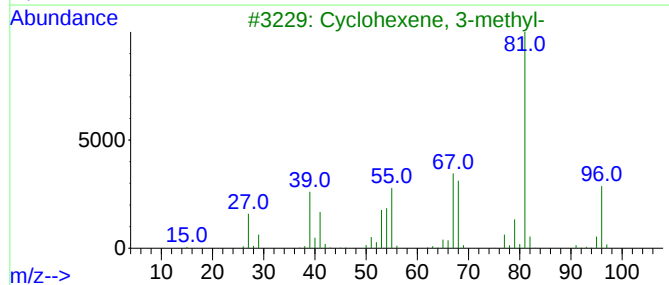
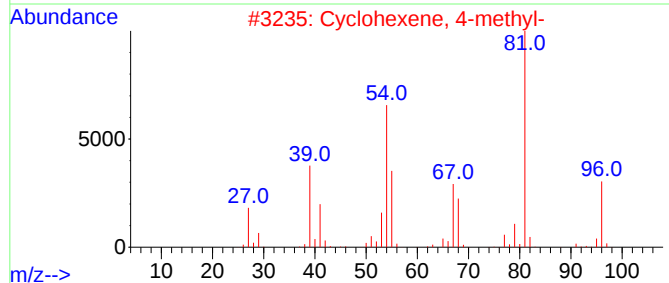
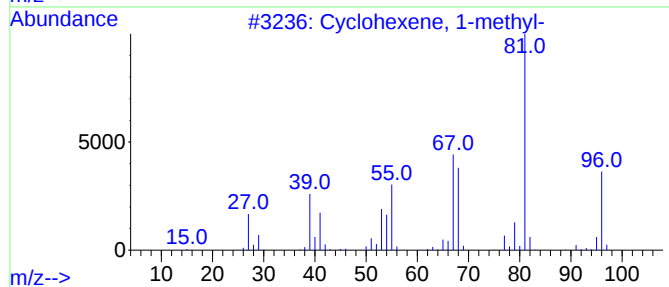
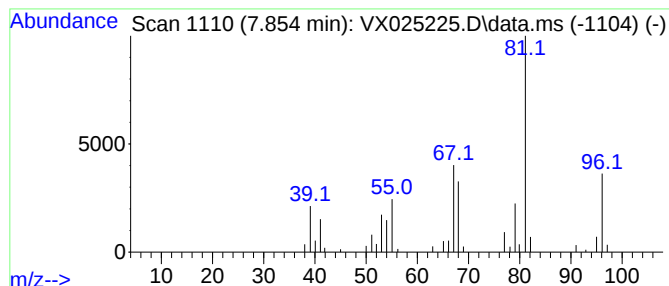
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Cyclohexene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.854	4.90 ug/L	41000	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	91
3			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	91
4			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
5			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

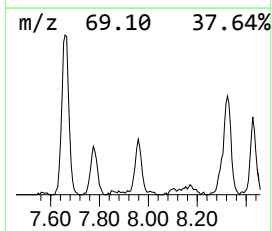
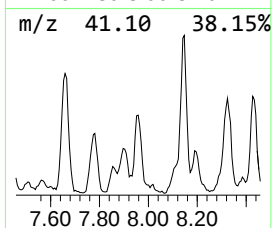
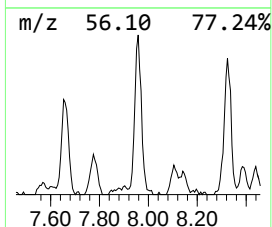
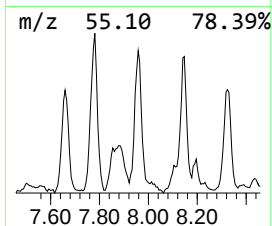
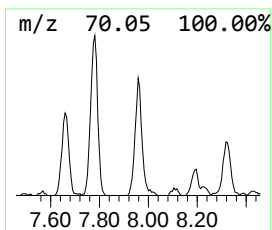
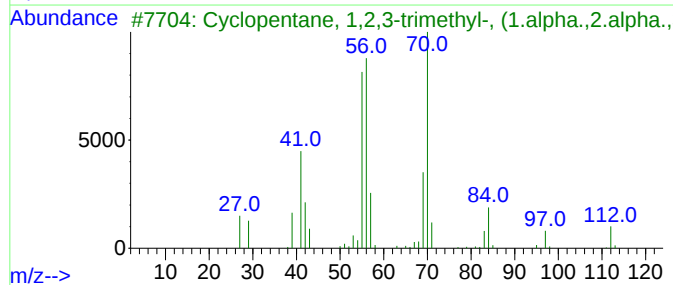
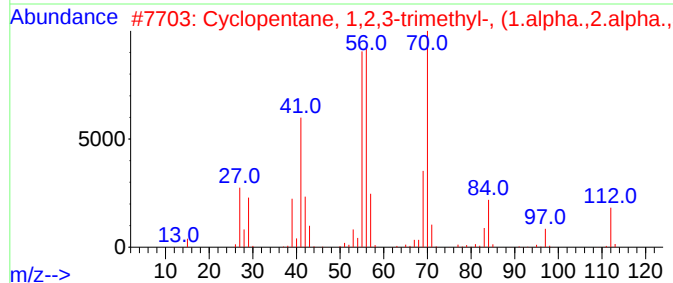
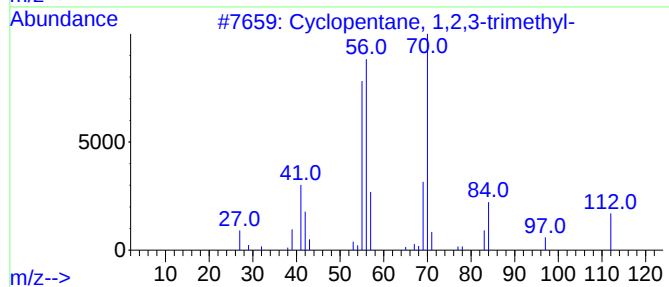
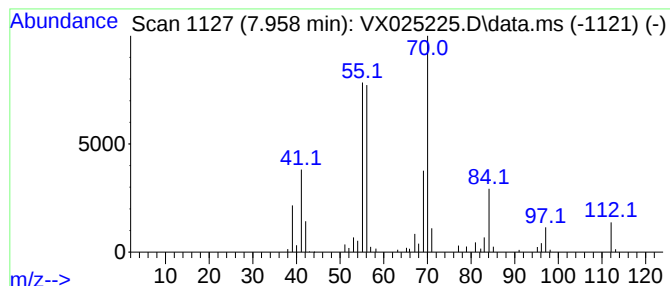
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic7.958 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.958	5.32 ug/L	44436	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
2		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
5		Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

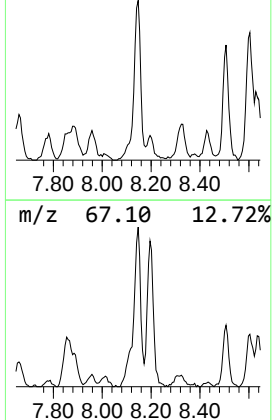
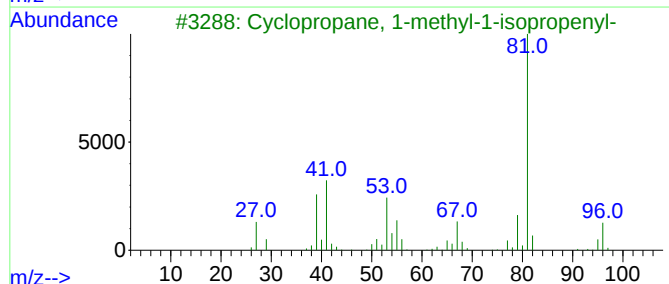
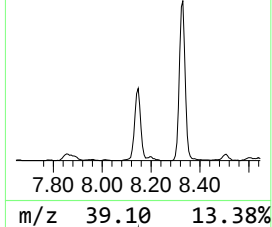
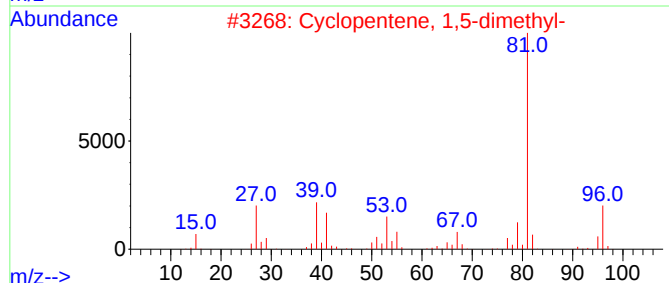
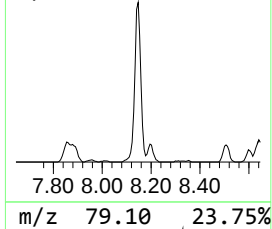
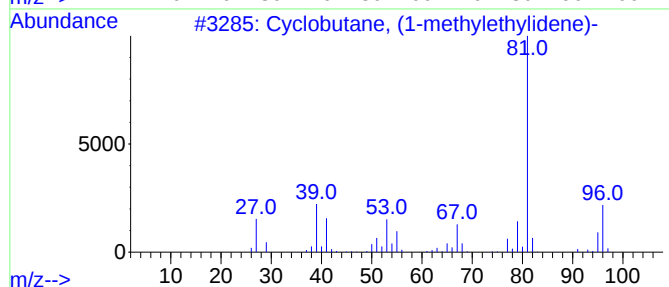
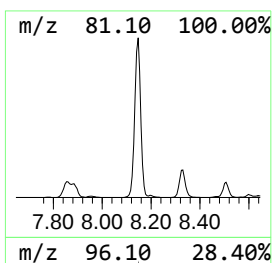
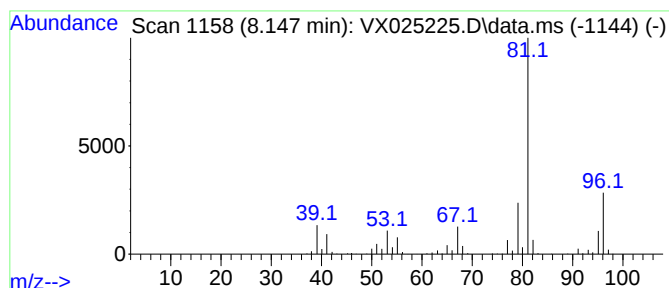
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Cyclobutane, (1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.147	32.29 ug/L	270000	1,4-Difluorobenzene	6.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2		Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3		Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
4		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
5		3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

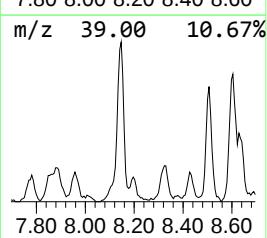
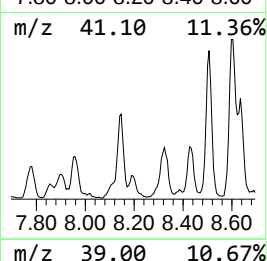
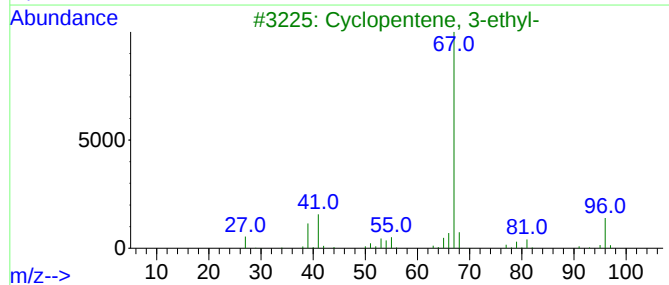
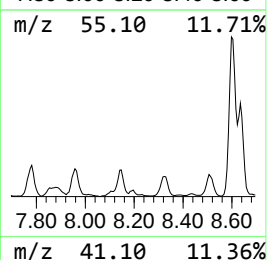
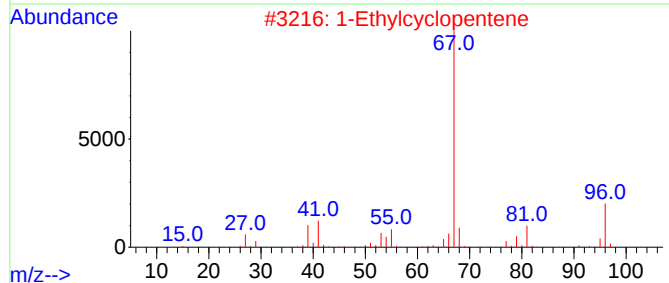
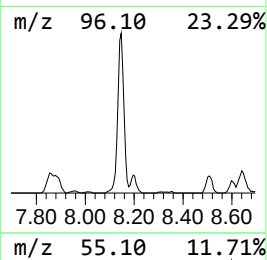
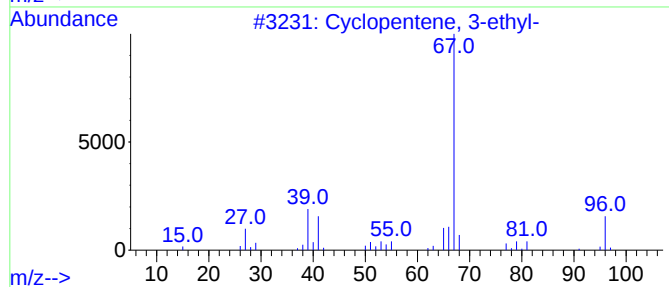
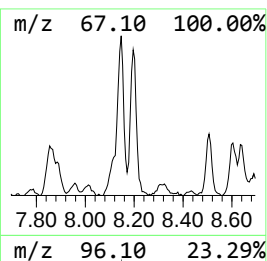
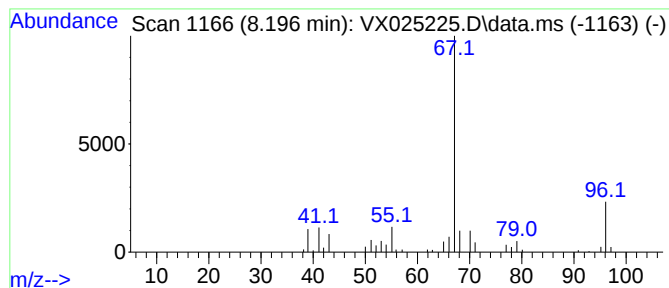
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Cyclopentene, 3-ethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.196	4.33 ug/L	36206	1,4-Difluorobenzene	6.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
2			1-Ethylcyclopentene	96	C7H12	002146-38-5	80
3			Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
4			1-Ethylcyclopentene	96	C7H12	002146-38-5	72
5			Cyclobutane, 1-ethyl-3-methylene-	96	C7H12	056335-70-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

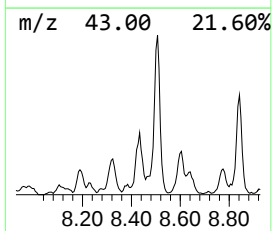
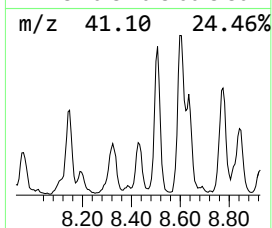
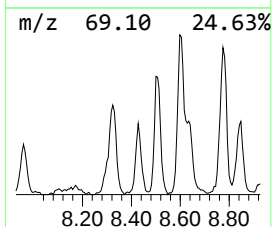
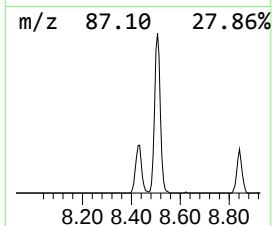
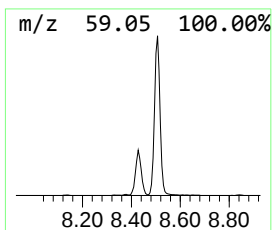
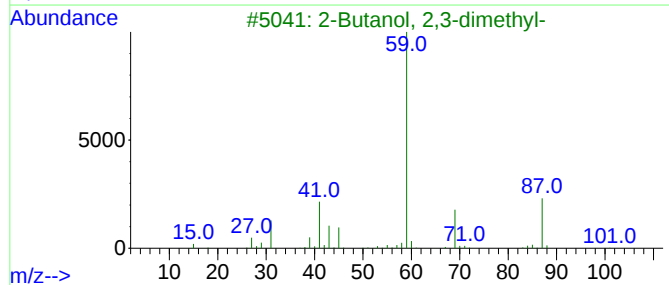
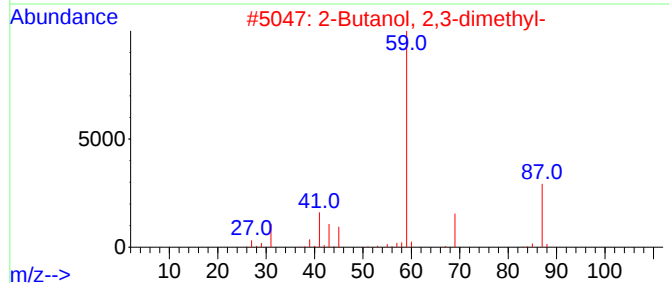
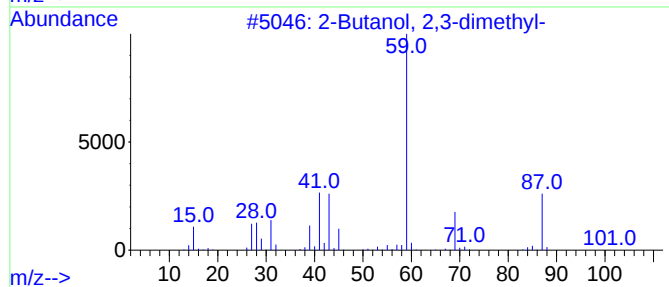
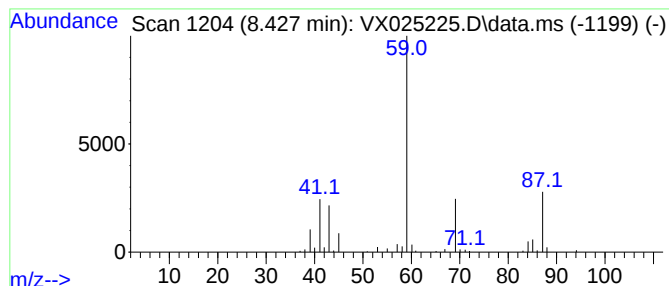
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 2-Butanol, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.427	6.04 ug/L	50650	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-			102	C6H14O	000594-60-5	83
2	2-Butanol, 2,3-dimethyl-			102	C6H14O	000594-60-5	83
3	2-Butanol, 2,3-dimethyl-			102	C6H14O	000594-60-5	78
4	2-Pentanol, 2-methyl-			102	C6H14O	000590-36-3	56
5	Propane, 2-ethoxy-2-methyl-			102	C6H14O	000637-92-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

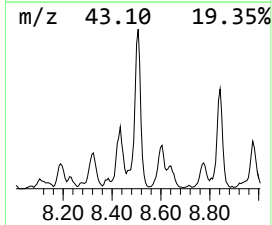
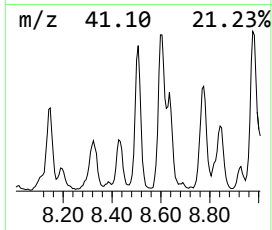
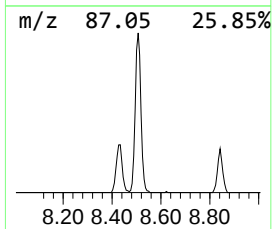
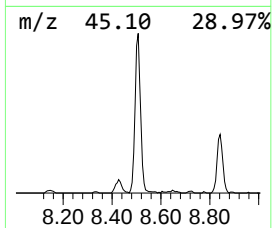
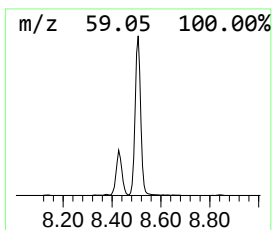
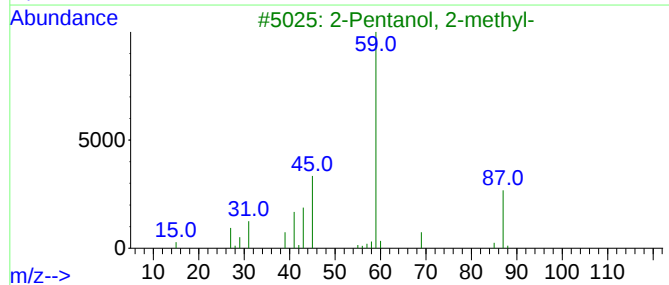
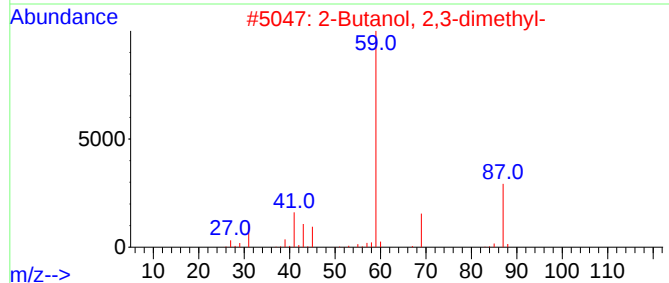
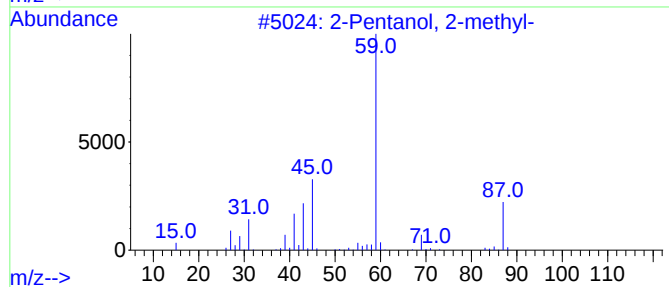
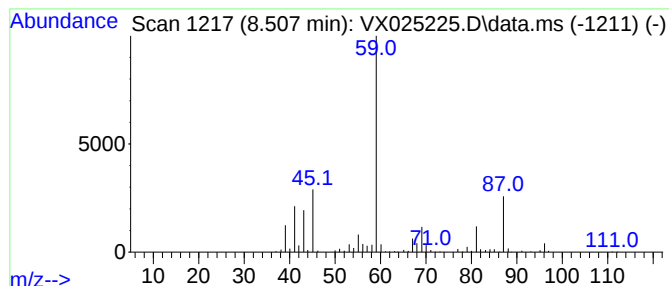
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 2-Pentanol, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.507	23.65 ug/L	198356	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
2			2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
3			2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
4			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	53
5			2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

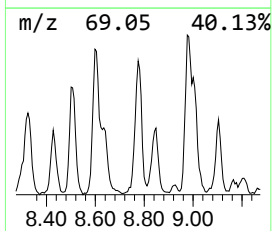
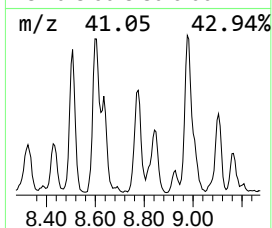
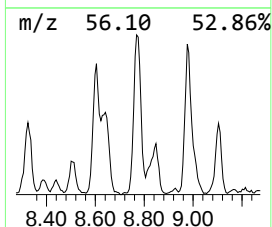
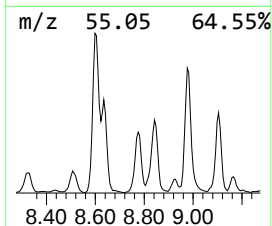
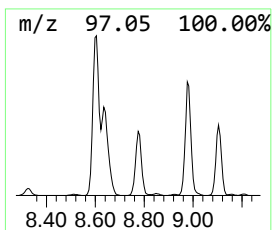
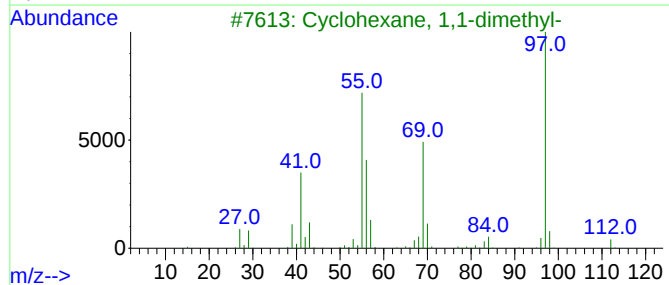
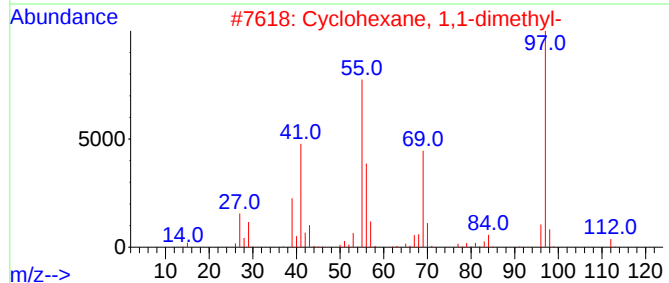
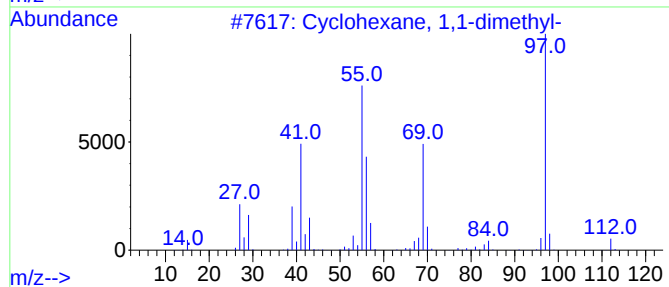
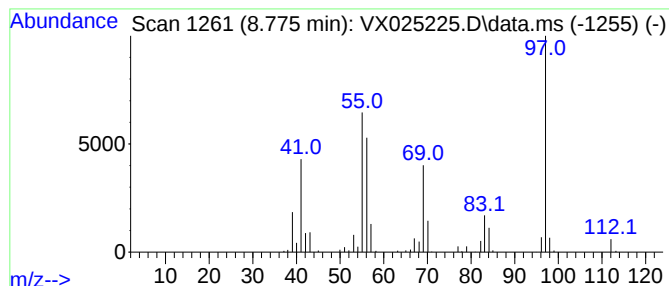
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic8.775 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	13.17 ug/L	110439	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	76
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	74
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64
5			Cyclopropane, 3-chloro-1,1,2,2-t...	132	C7H13Cl	014123-41-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

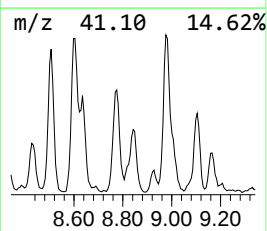
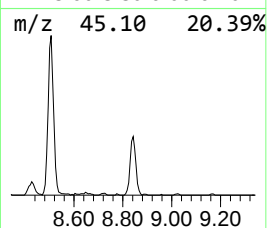
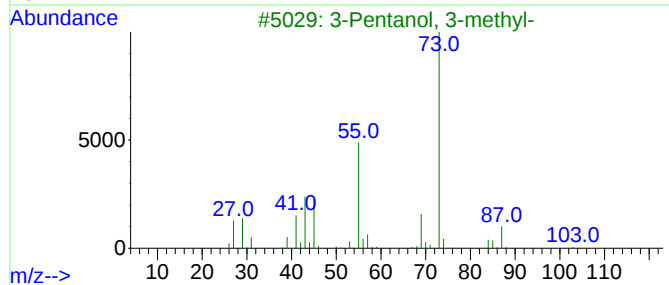
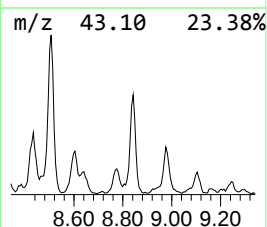
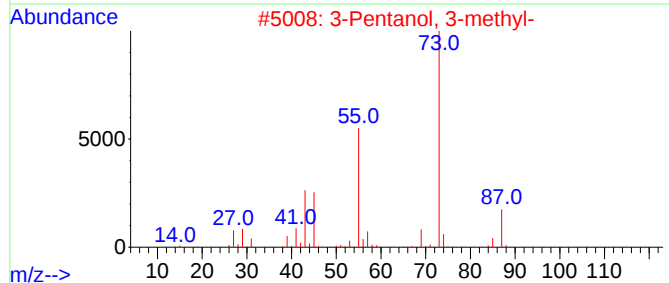
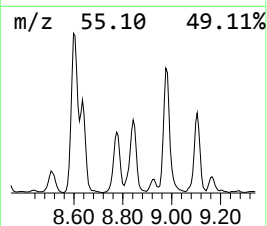
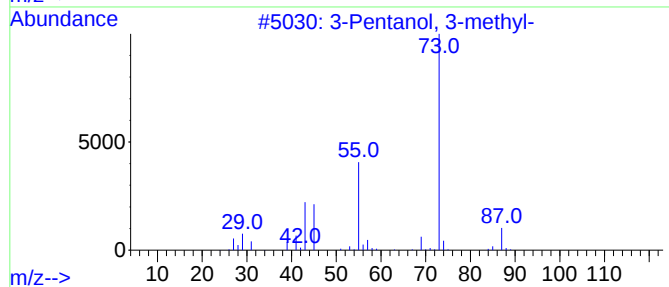
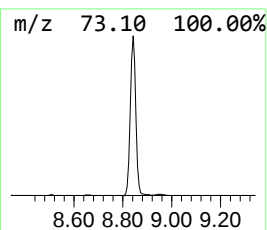
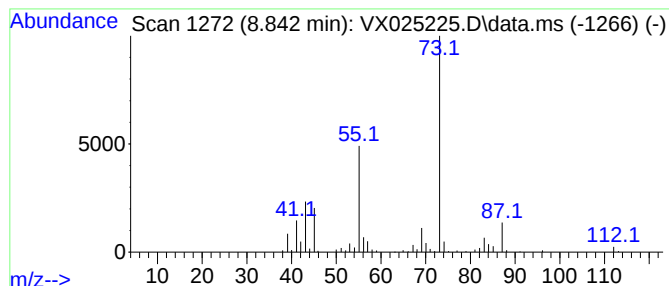
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 3-Pentanol, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.842	16.50 ug/L	138377	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	72
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	59
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	53
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
5			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

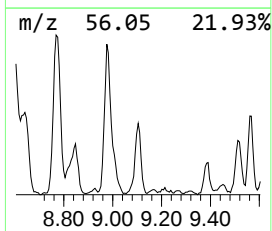
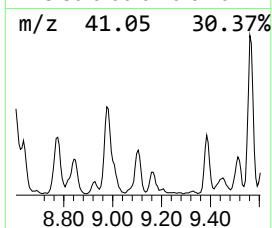
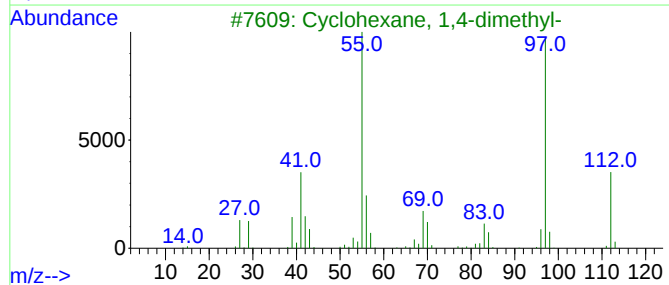
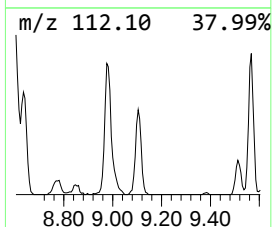
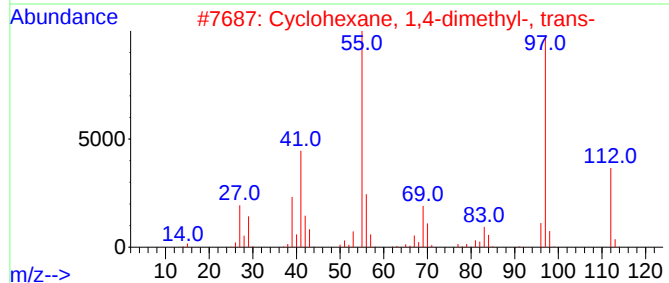
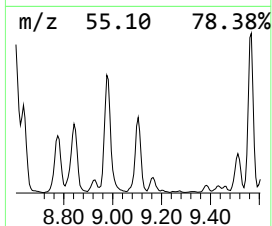
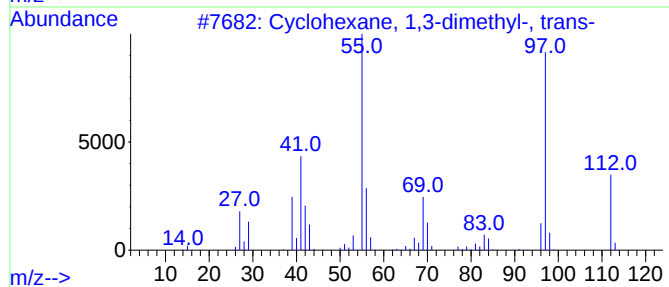
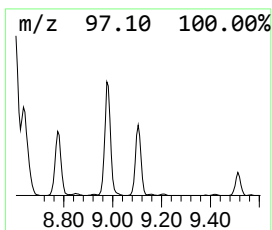
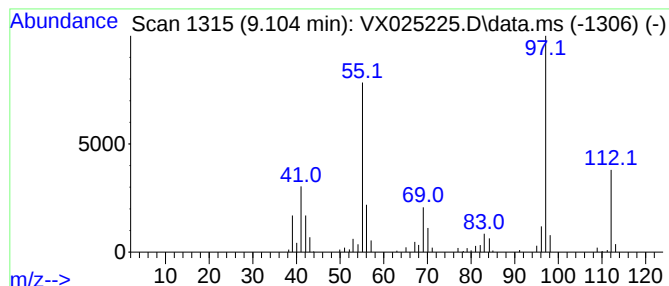
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic9.104 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	13.70 ug/L	114868	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
3			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
4			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

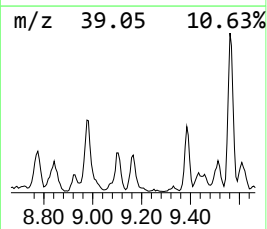
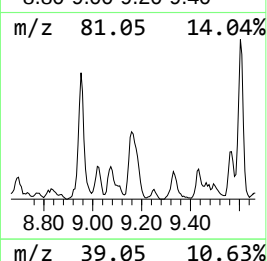
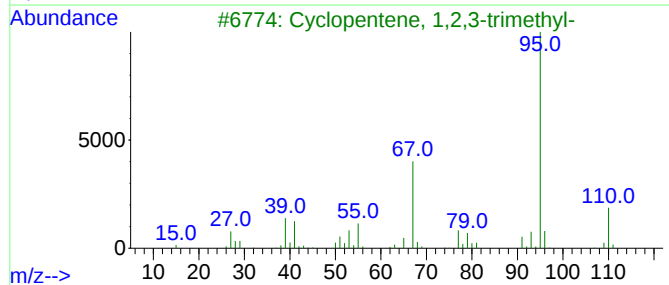
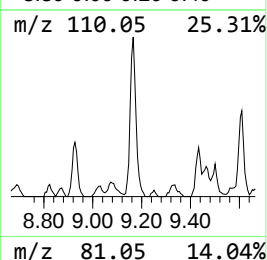
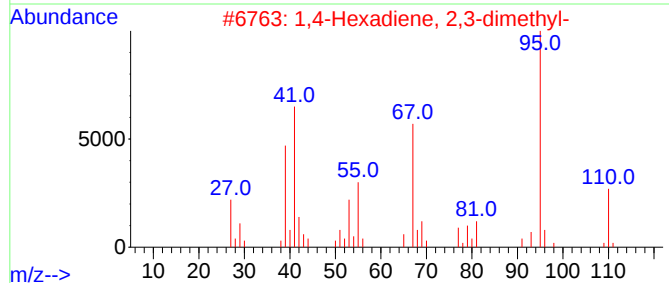
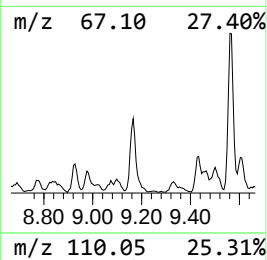
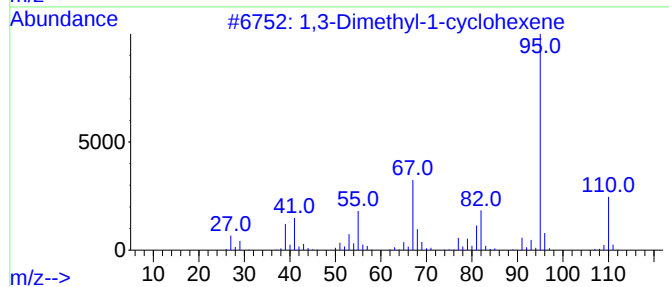
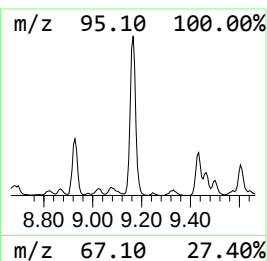
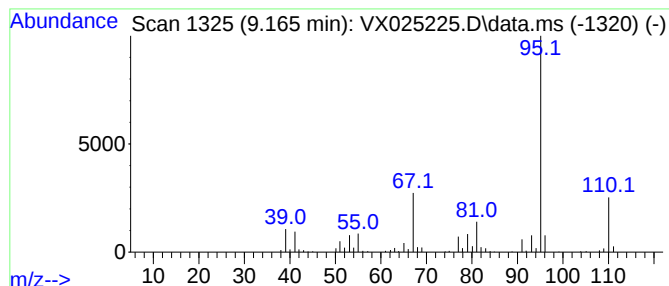
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 1,3-Dimethyl-1-cyclohexene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.165	13.74 ug/L	115275	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2			1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	91
3			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	90
4			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

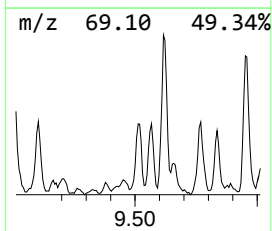
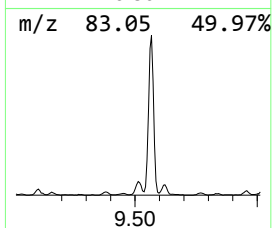
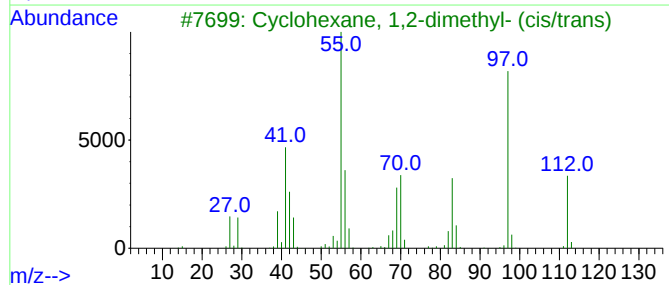
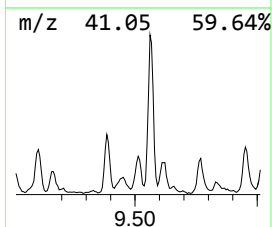
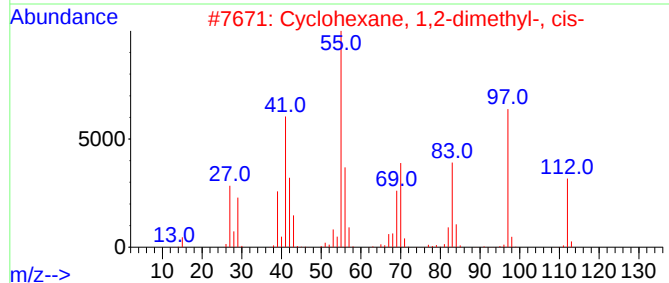
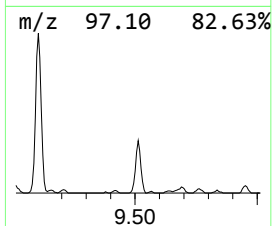
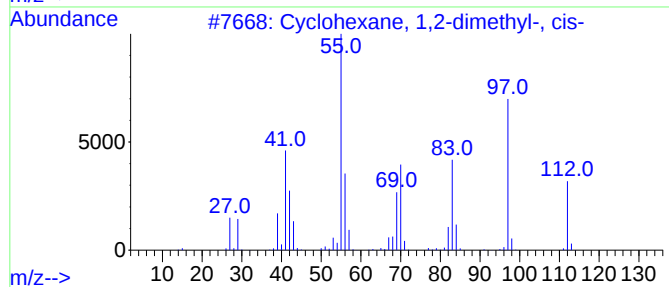
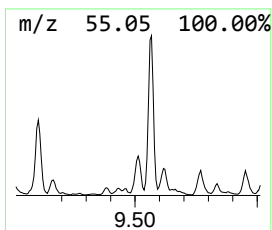
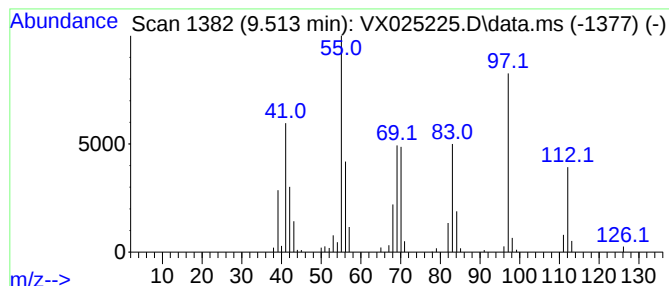
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic9.513 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	7.77 ug/L	65191	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	96
2			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
3			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	93
4			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	87
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

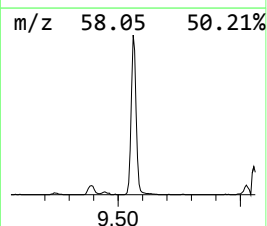
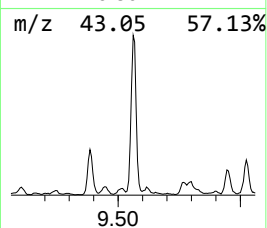
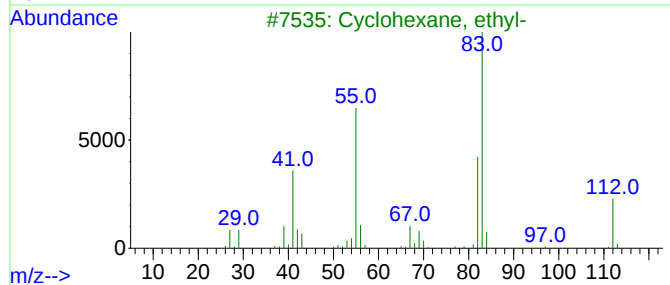
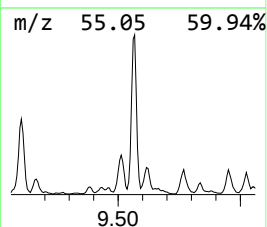
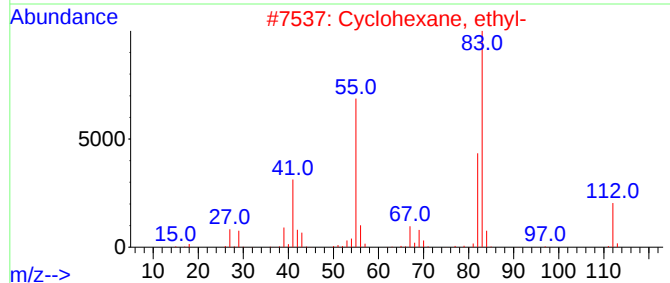
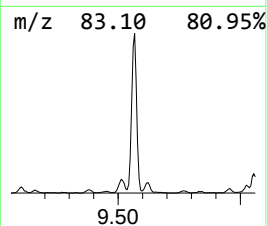
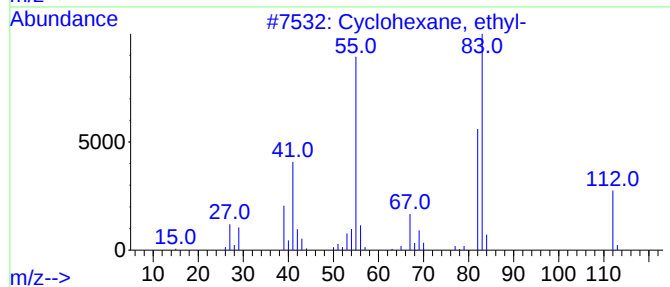
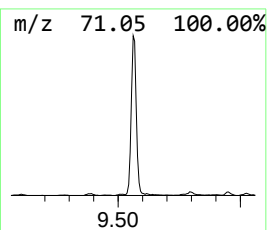
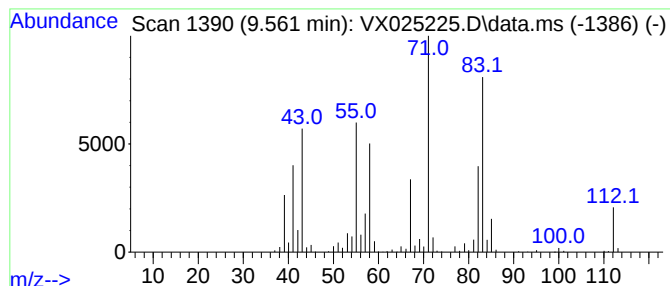
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic9.561 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.561	44.79 ug/L	375684	Chlorobenzene-d5	10.055

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
5		Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

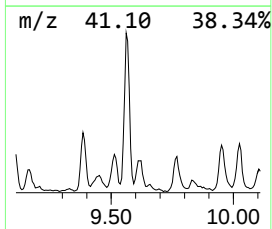
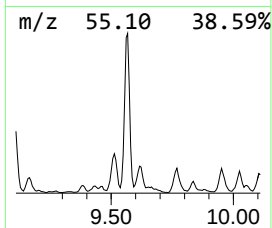
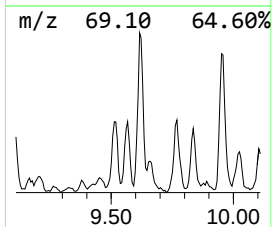
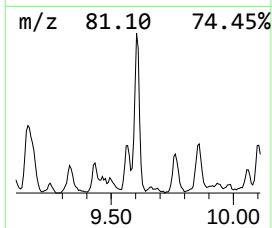
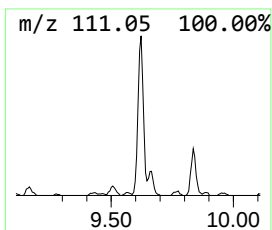
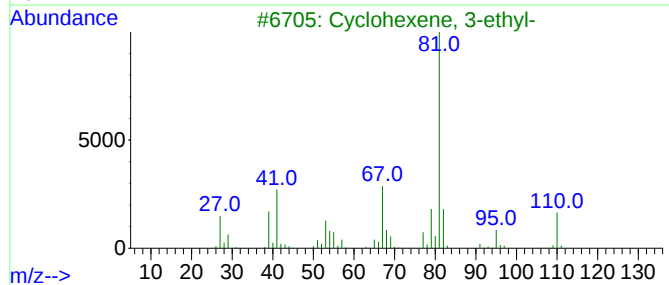
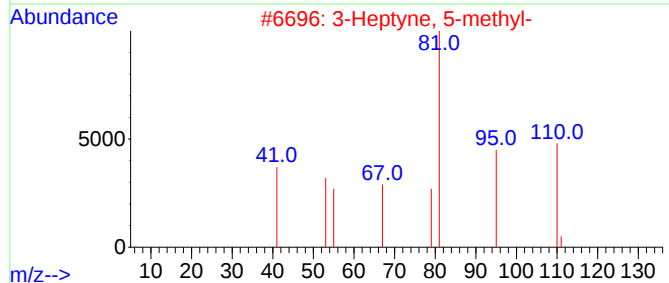
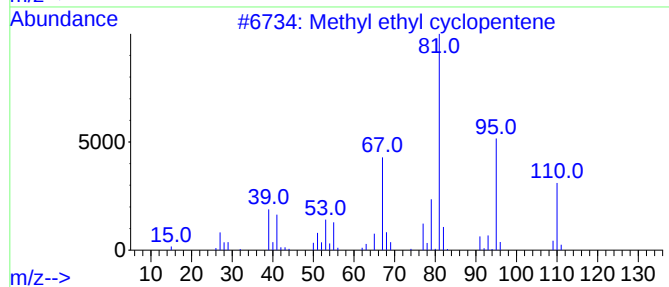
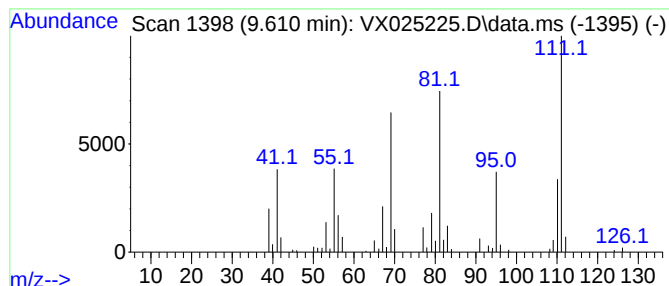
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Methyl ethyl cyclopentene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	9.71 ug/L	81401	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	60
2			3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	43
3			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	43
4			1-Methyl-2-aminomethylimidazole	111	C5H9N3	124312-73-8	38
5			1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

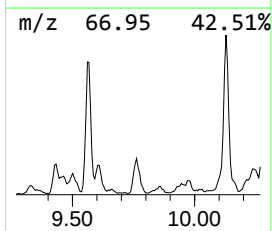
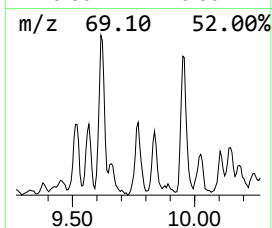
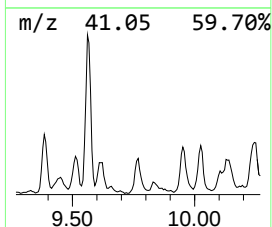
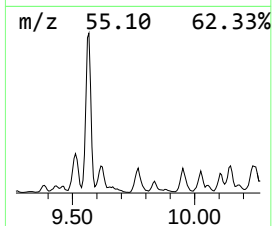
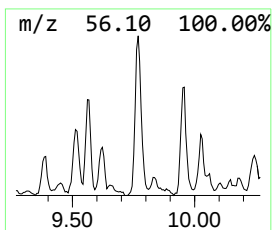
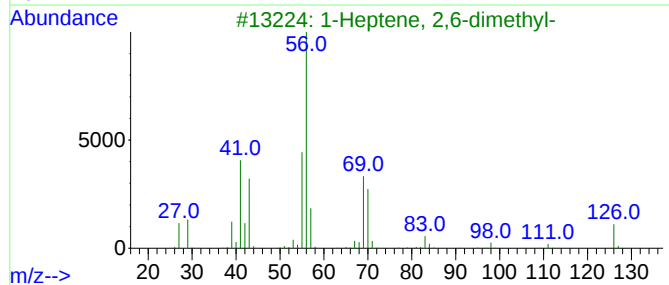
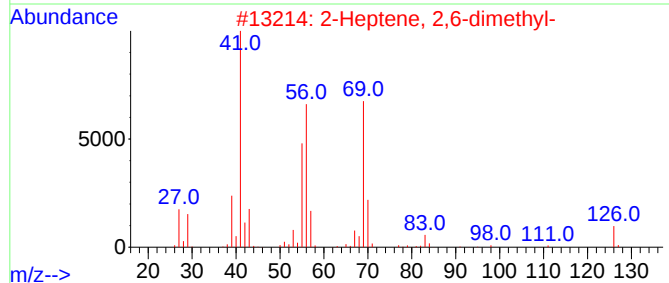
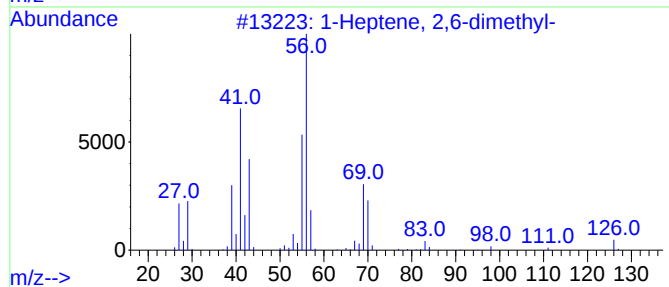
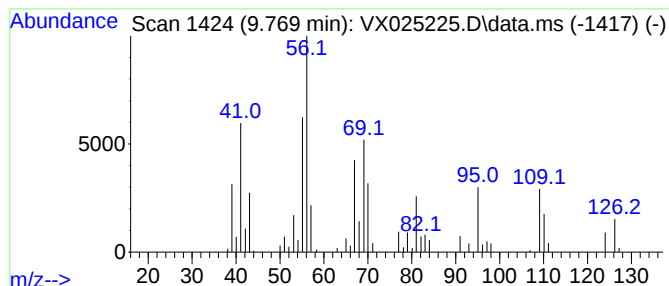
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	10.49 ug/L	88017	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	49
2			2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	46
3			1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	45
4			1-Octene, 2-methyl-	126	C9H18	004588-18-5	43
5			Cyclopropane, 1-methyl-2-(1-meth...	140	C10H20	062238-06-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

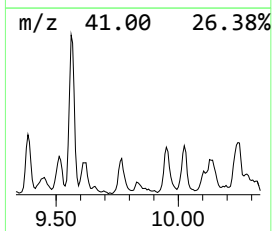
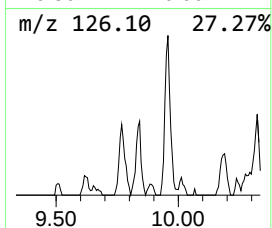
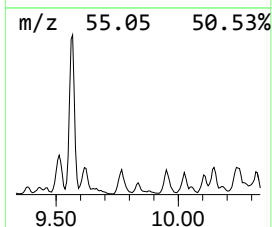
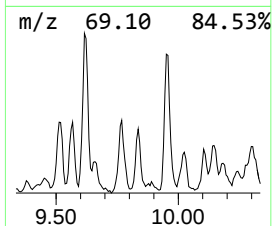
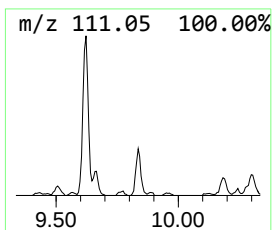
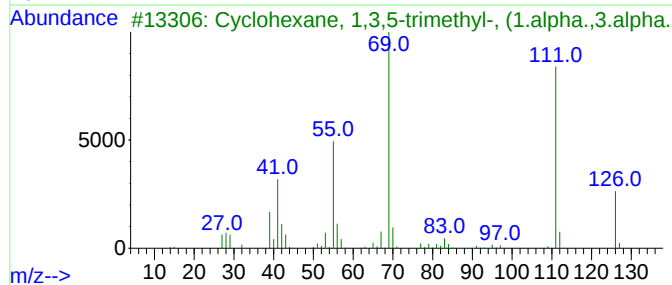
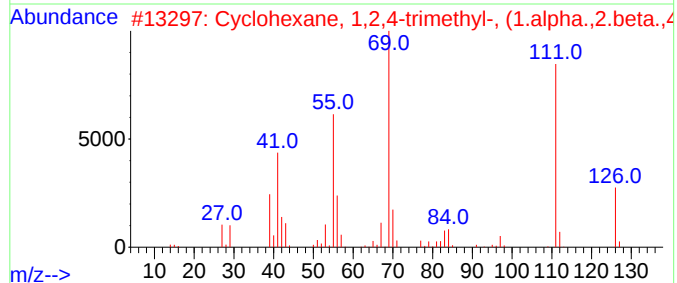
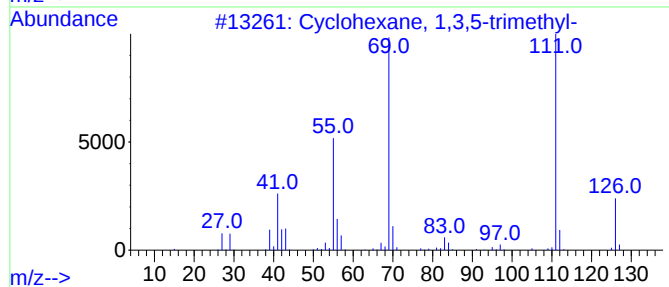
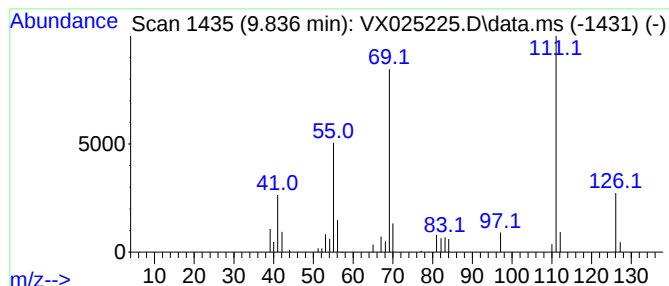
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Cyclic9.836 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.836	3.26 ug/L	27338	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

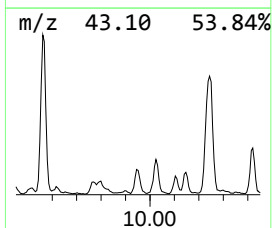
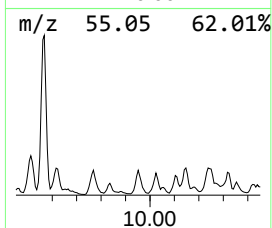
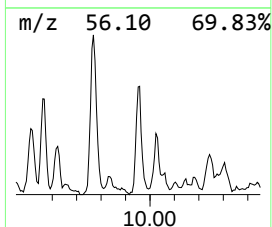
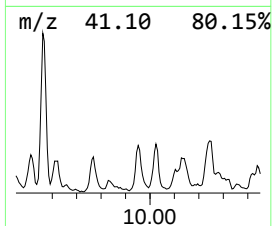
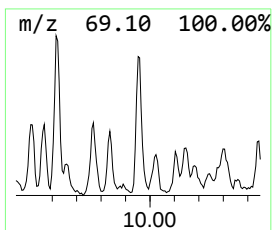
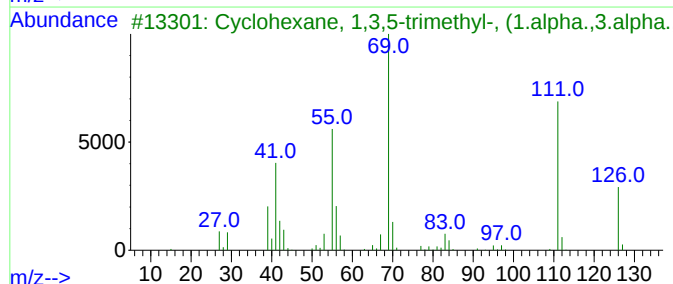
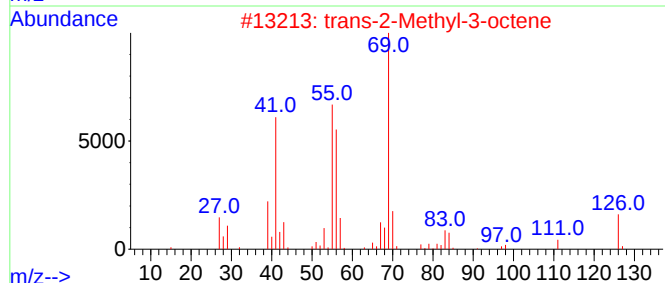
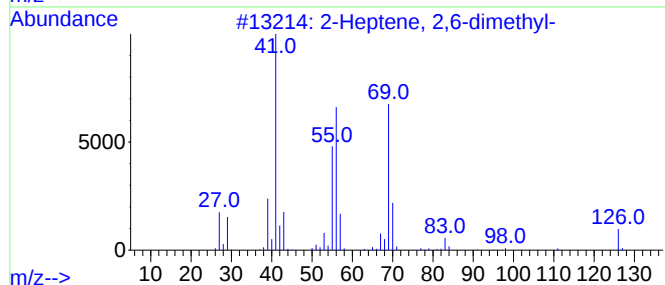
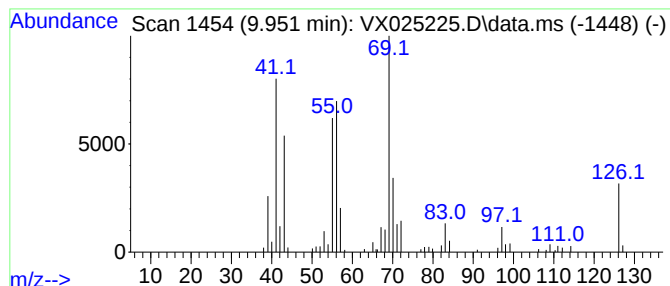
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	9.74 ug/L	81662	Chlorobenzene-d5	10.055

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 2,6-dimethyl-	126	C9H18		005557-98-2	93
2	trans-2-Methyl-3-octene	126	C9H18		052937-36-7	72
3	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18		001795-26-2	49
4	Cyclopropane, 1,1-diethyl-	98	C7H14		001003-19-6	49
5	1-Hexene, 3,3-dimethyl-	112	C8H16		003404-77-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

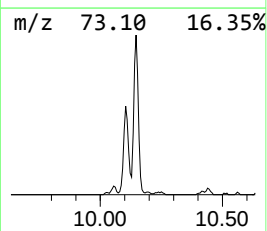
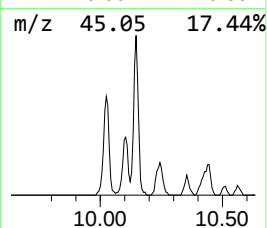
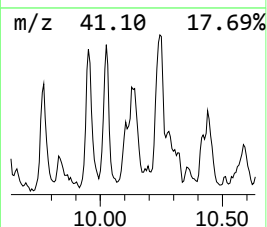
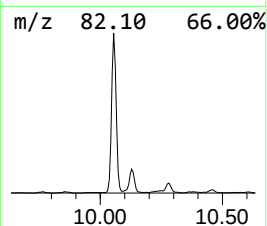
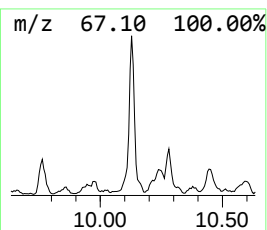
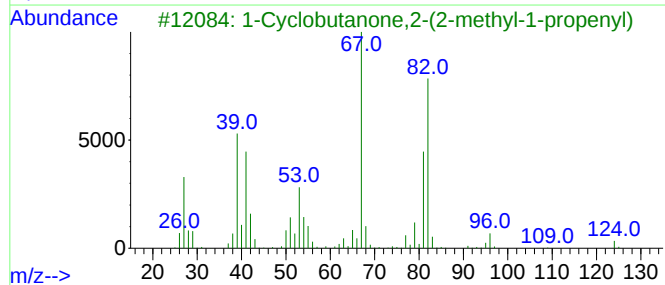
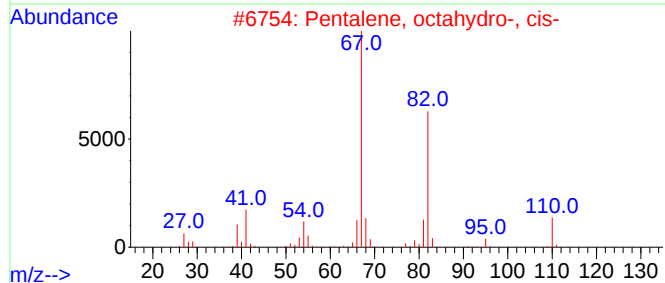
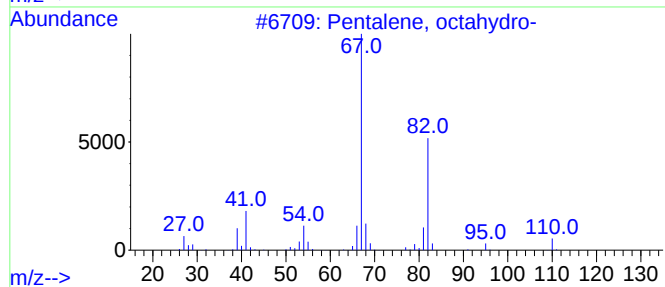
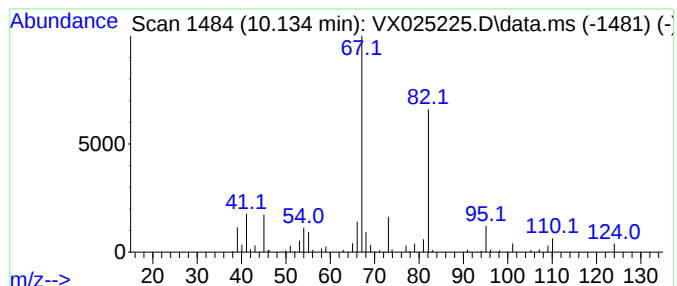
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Pentalene, octahydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	12.13 ug/L	101732	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-	110	C8H14	000694-72-4	72
2			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
3			1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	64
4			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	64
5			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

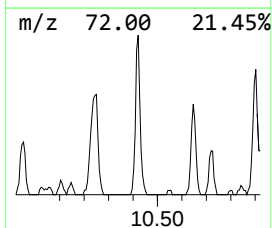
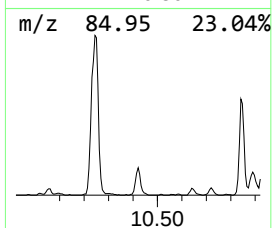
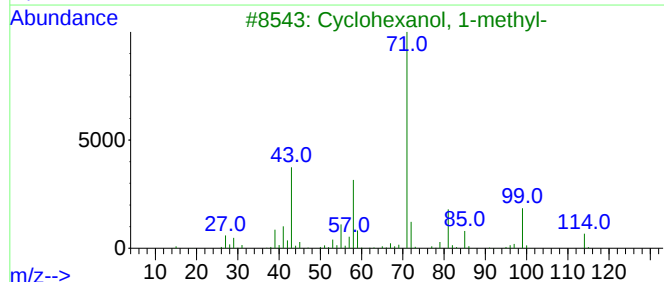
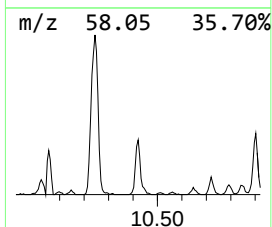
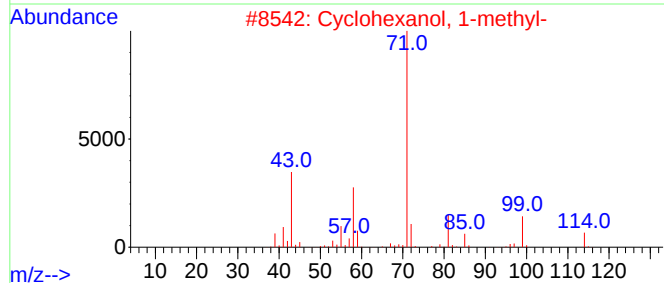
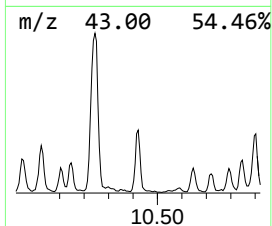
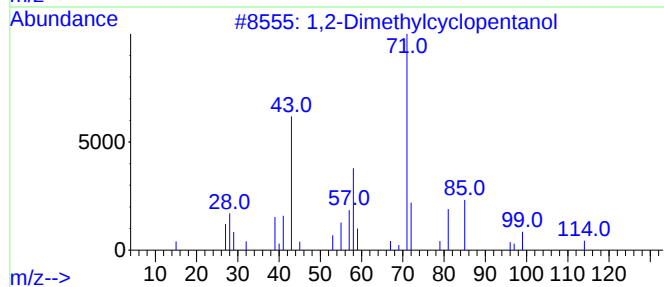
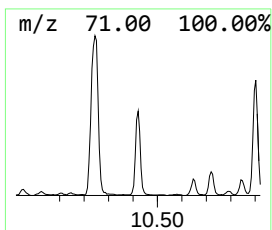
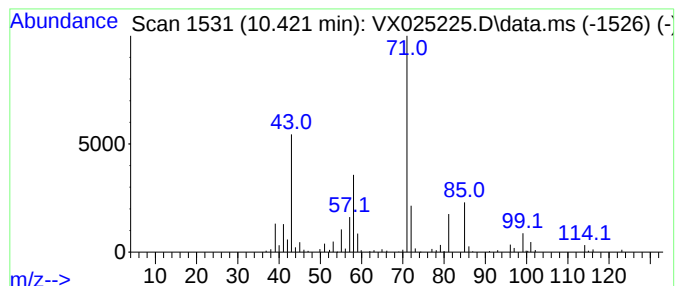
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 1,2-Dimethylcyclopentanol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.421	7.96 ug/L	66795	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	91
2			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	64
3			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	64
4			2,4-Dimethyl-1-penten-3-ol	114	C7H14O	019781-54-5	49
5			3-Butyl-2-heptanone	170	C11H22O	000997-69-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

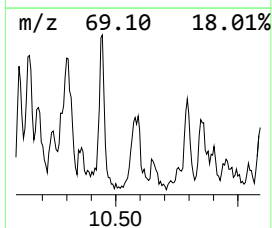
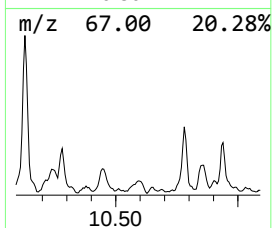
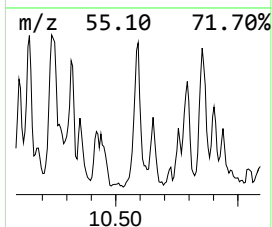
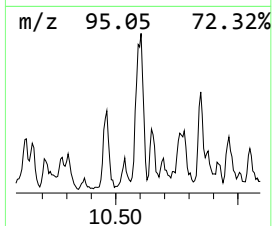
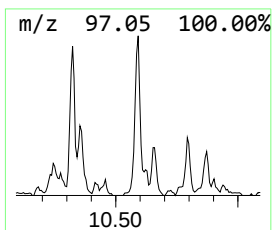
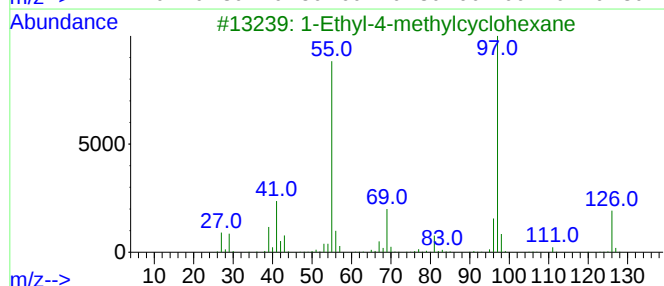
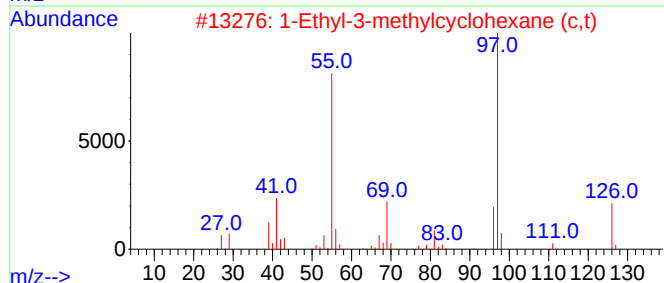
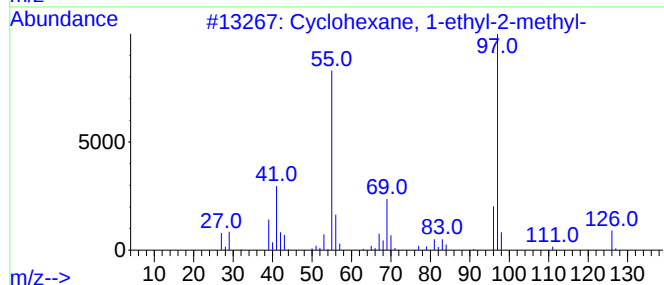
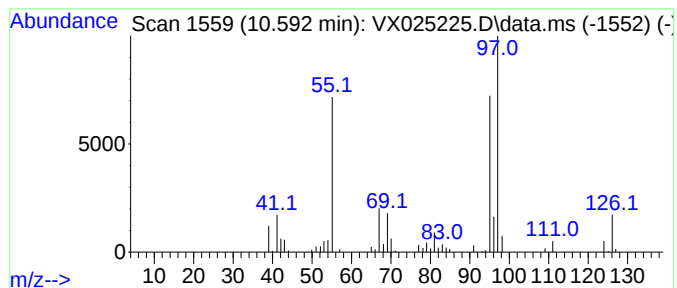
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Cyclic10.592 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	6.52 ug/L	54669	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	64
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
4			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	50
5			Cycloheptane, bromo-	176	C7H13Br	002404-35-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

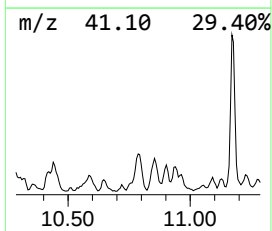
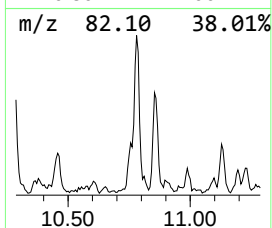
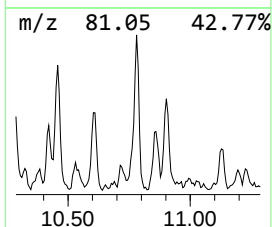
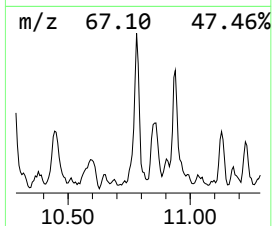
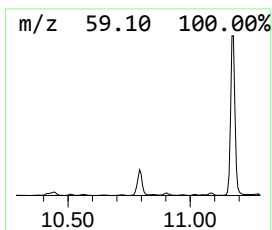
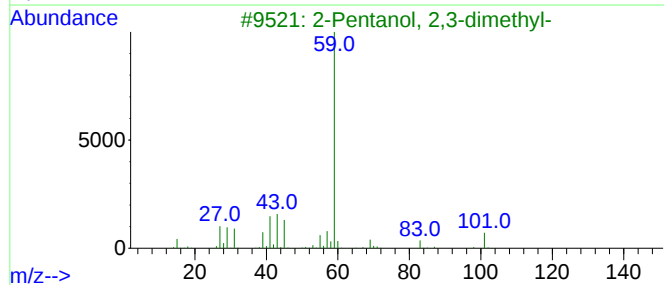
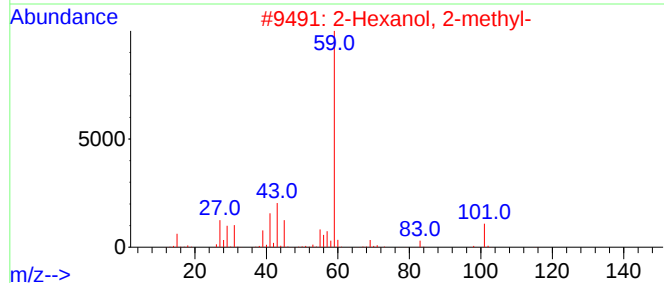
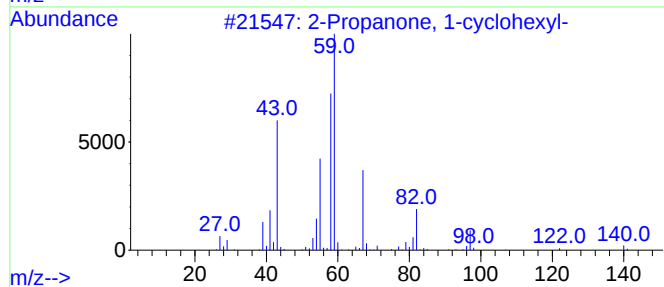
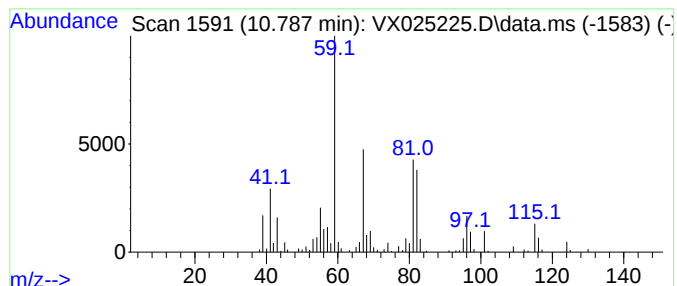
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.787	12.65 ug/L	106103	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	42
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	35
3			2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	35
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	35
5			2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

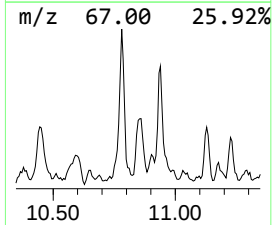
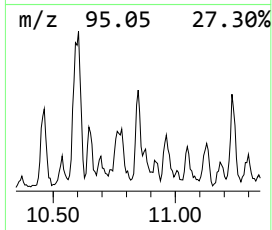
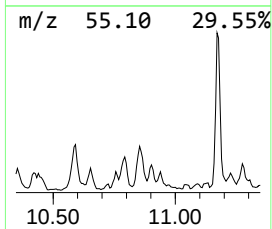
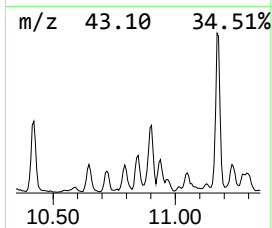
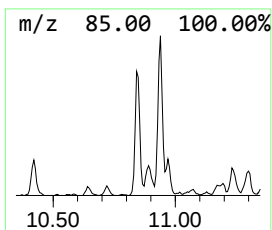
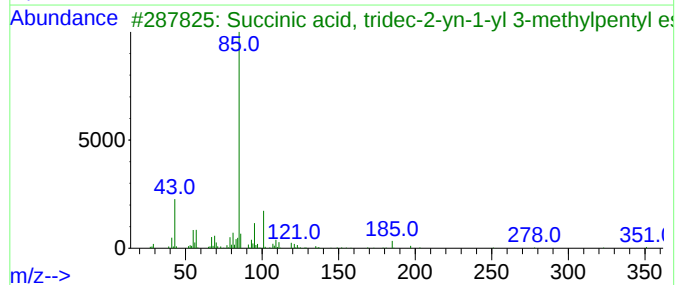
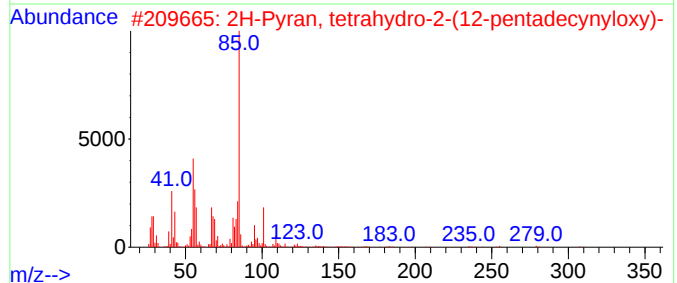
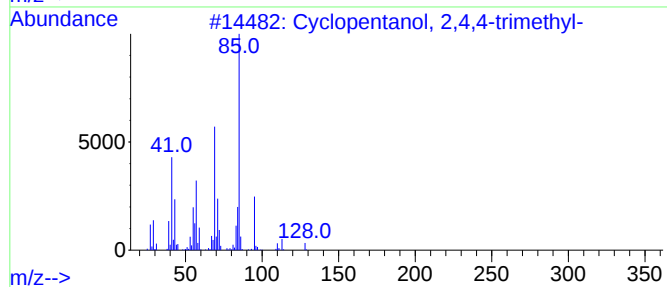
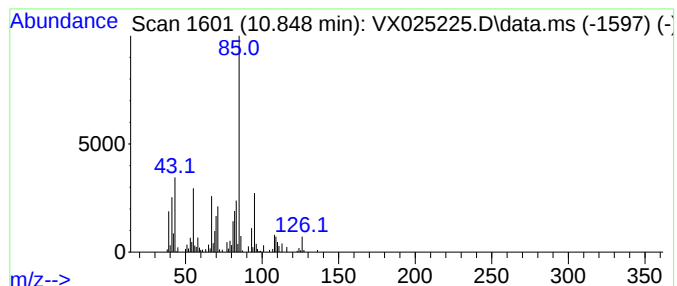
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.848	10.46 ug/L	87740	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanol, 2,4,4-trimethyl-	128	C8H16O	056470-83-8	40
2			2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	38
3			Succinic acid, tridec-2-yn-1-yl ...	380	C23H40O4	1010390-65-7	35
4			trans-2-Hexenyl isovalerate	184	C11H20O2	068698-59-9	33
5			1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

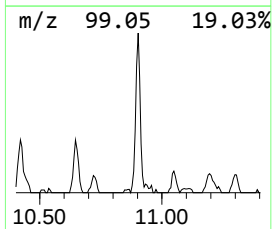
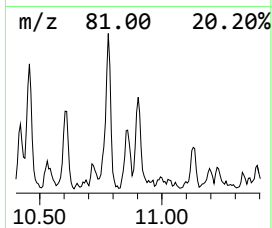
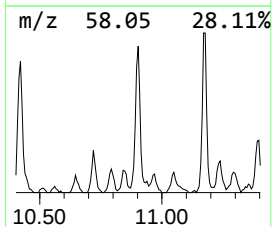
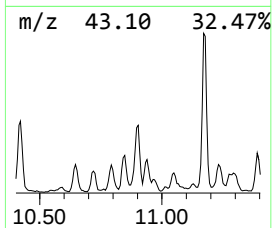
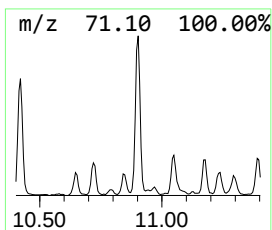
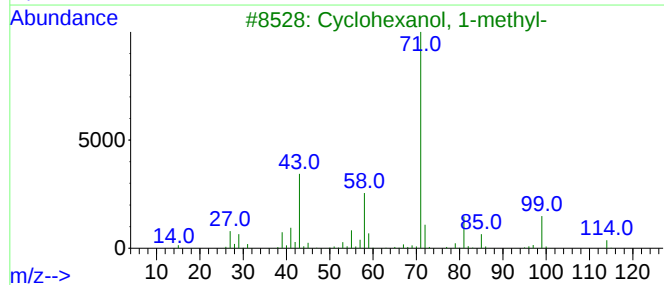
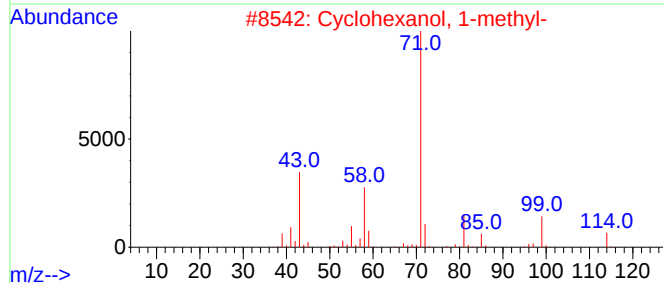
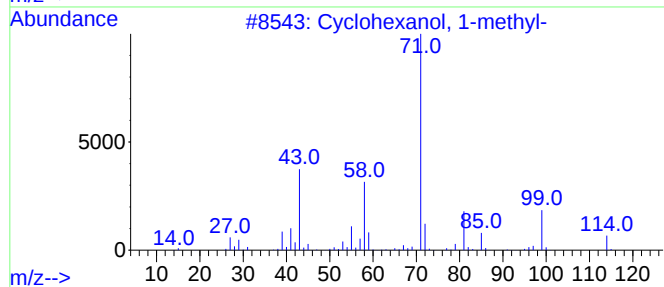
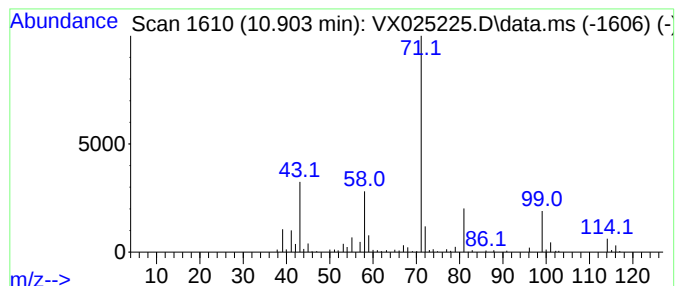
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Cyclohexanol, 1-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	6.90 ug/L	57879	Chlorobenzene-d5	10.055

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	91
2			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	90
3			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	90
4			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	87
5			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

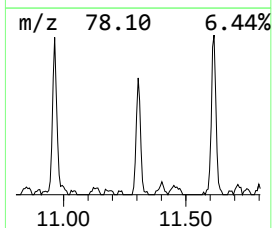
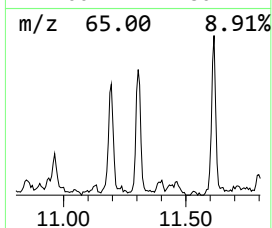
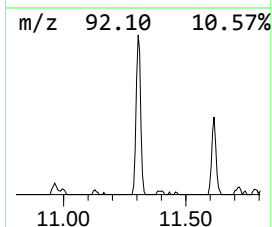
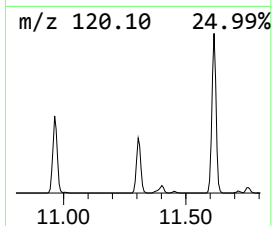
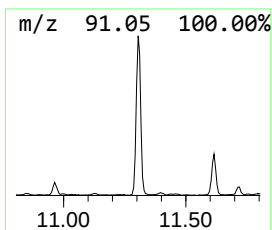
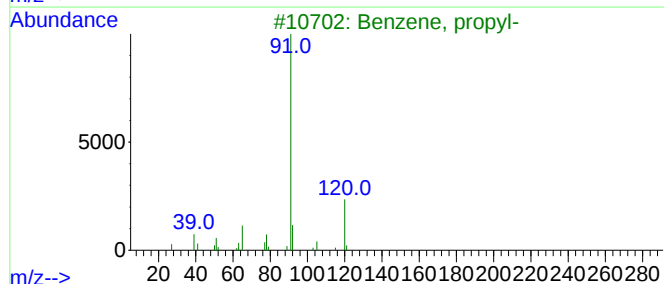
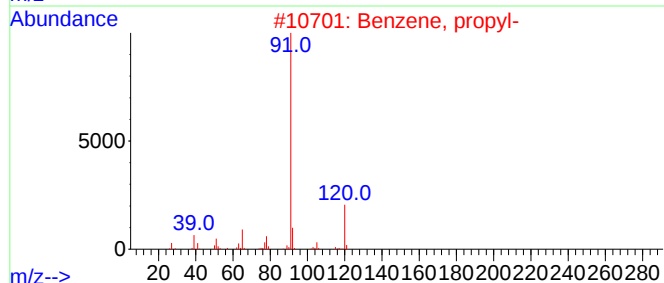
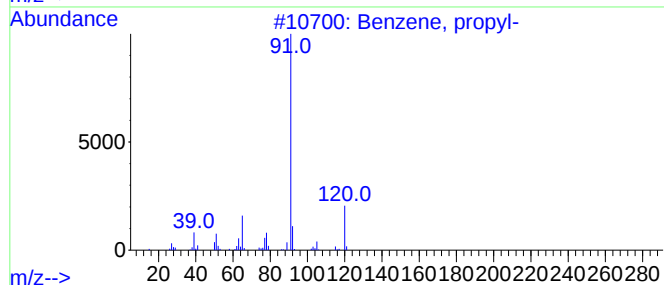
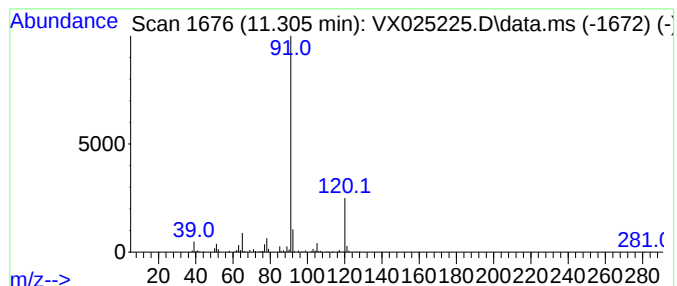
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 Benzene, propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	11.06 ug/L	104159	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

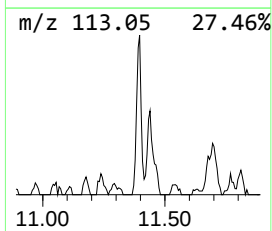
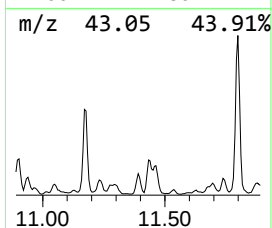
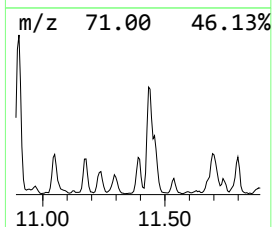
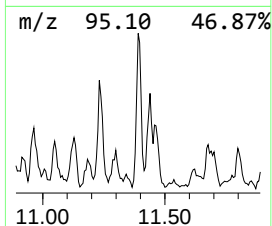
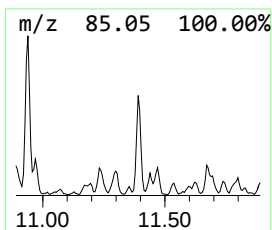
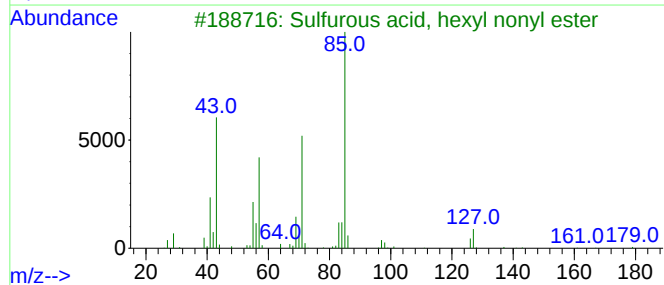
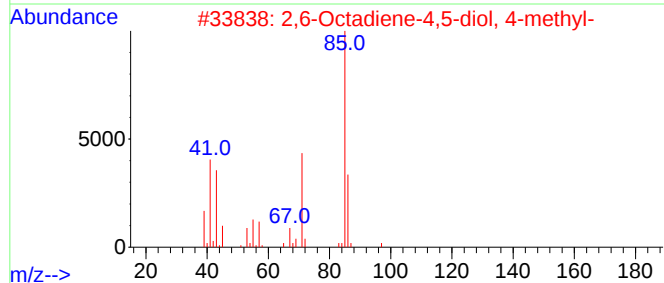
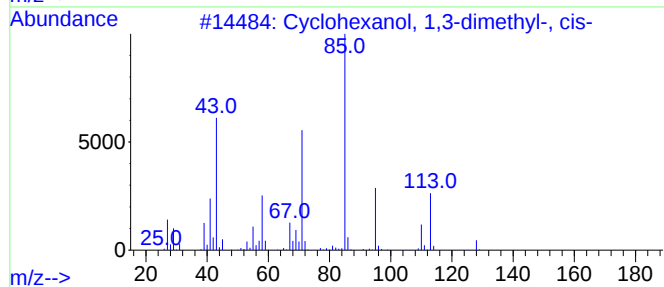
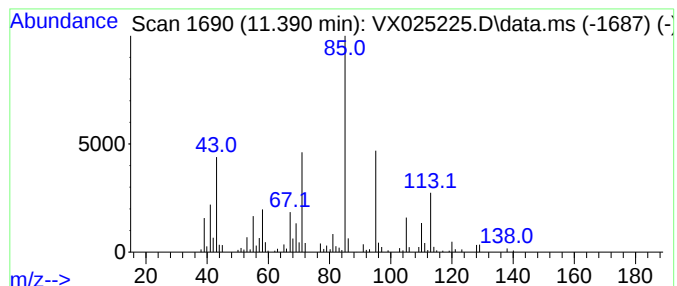
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	5.75 ug/L	54174	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	87
2			2,6-Octadiene-4,5-diol, 4-methyl-	156	C9H16O2	056335-74-1	38
3			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	32
4			2H-Pyran, tetrahydro-2-[(tetrahy...	186	C10H18O3	000710-14-5	32
5			Thiazole	85	C3H3NS	000288-47-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

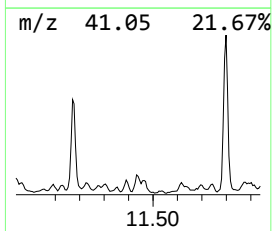
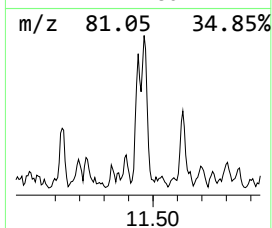
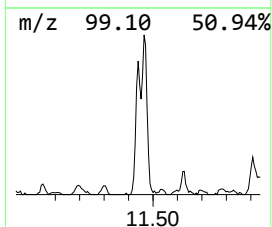
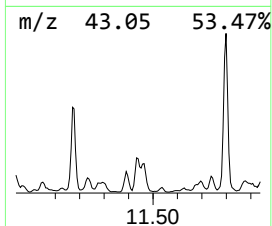
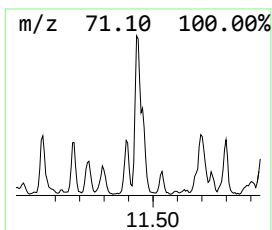
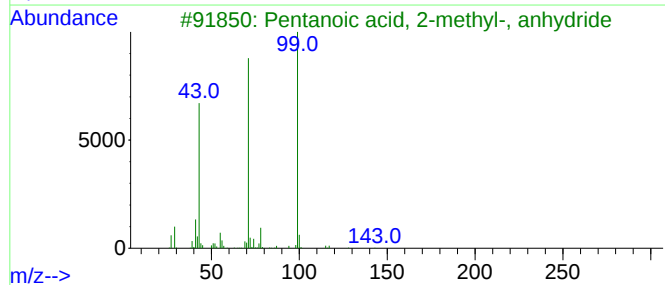
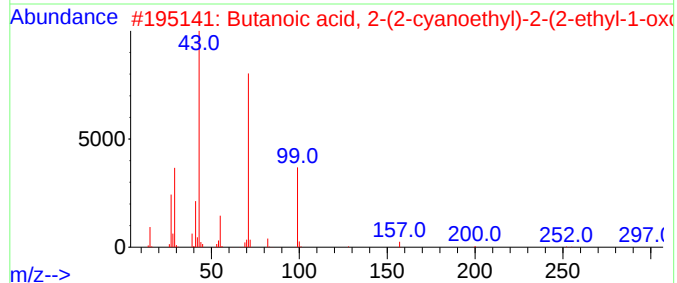
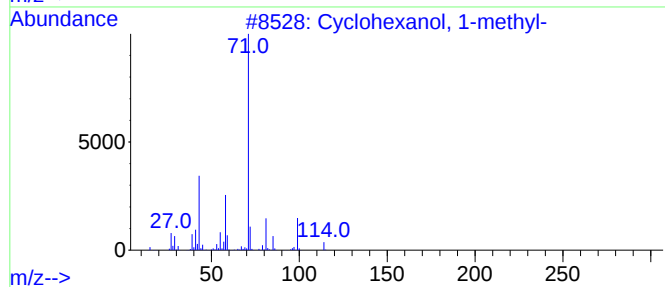
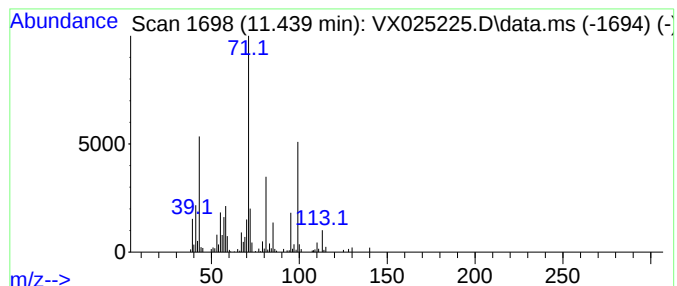
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Pentanoic acid, 2-methyl-, ... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	8.24 ug/L	77590	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	64
2			Butanoic acid, 2-(2-cyanoethyl)-...	297	C15H23NO5	1010460-88-7	50
3			Pentanoic acid, 2-methyl-, anhyd...	214	C12H22O3	063169-61-9	50
4			Hexanoic acid, 2-propenyl ester	156	C9H16O2	000123-68-2	47
5			Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

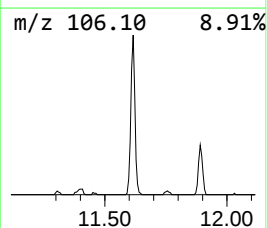
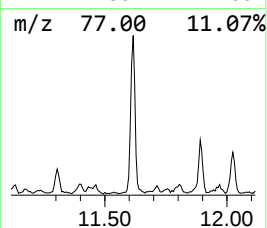
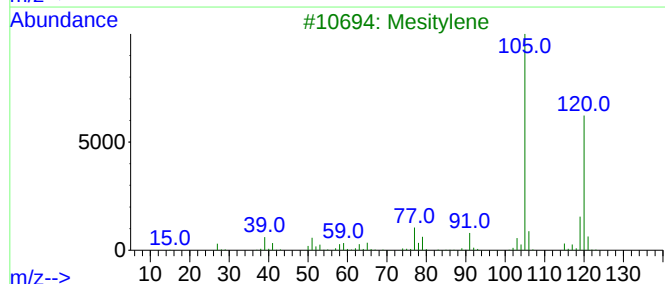
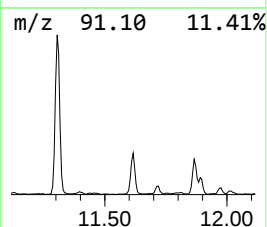
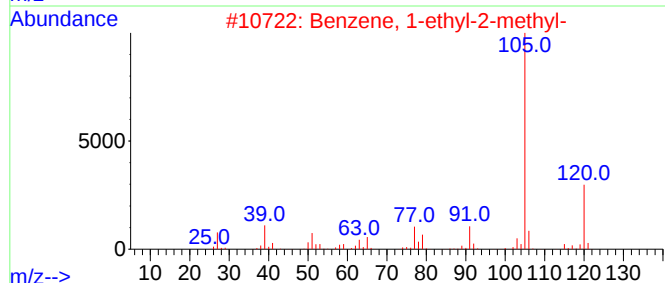
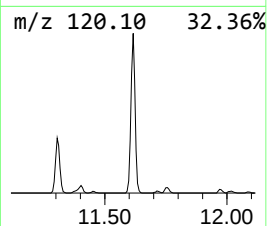
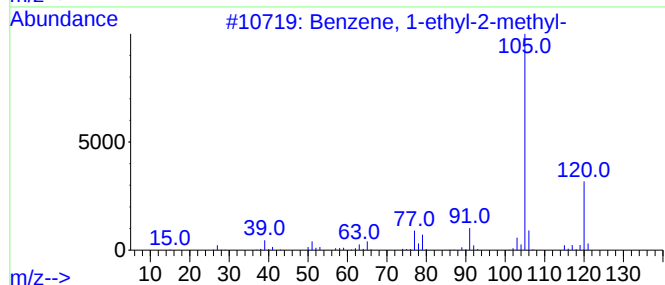
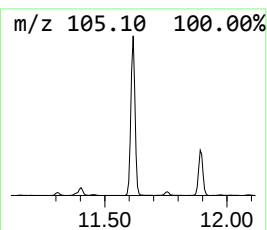
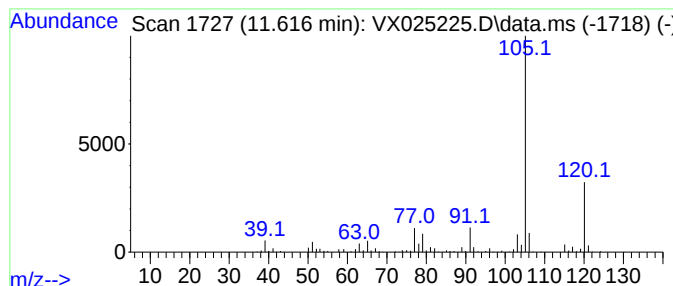
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	30.79 ug/L	289945	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Mesitylene	120	C9H12	000108-67-8	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

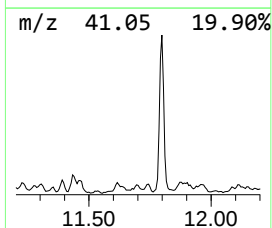
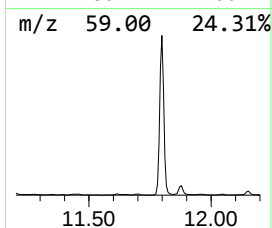
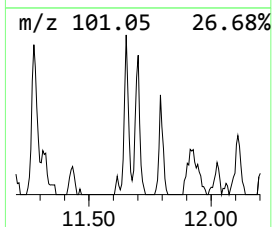
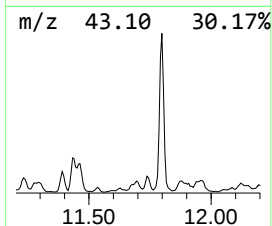
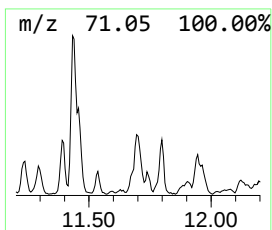
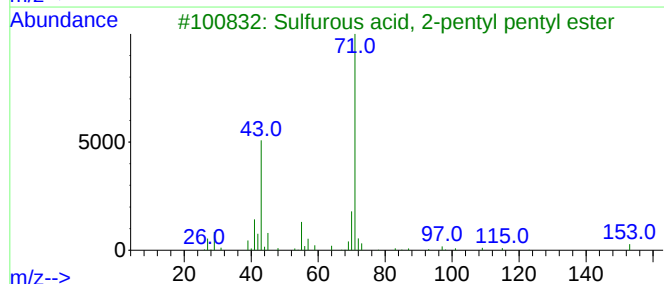
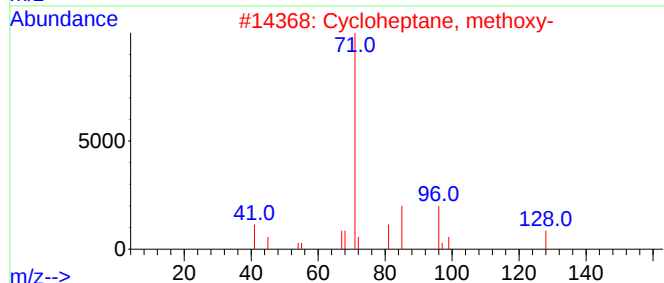
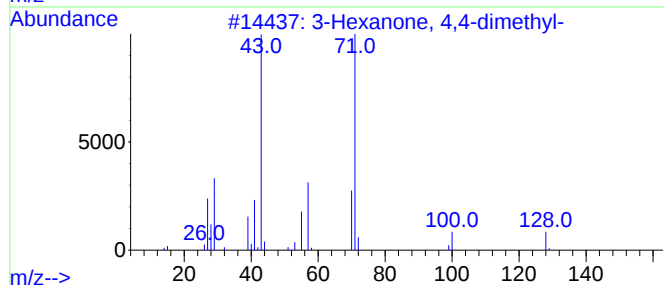
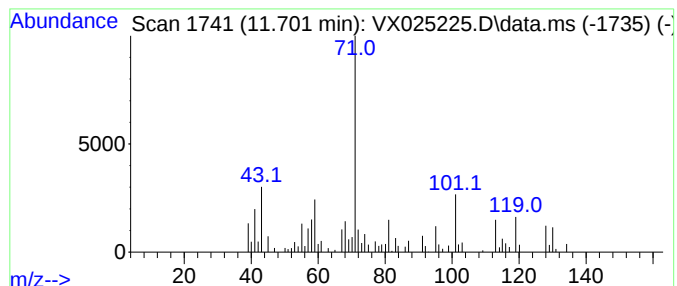
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.701	5.87 ug/L	55329	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone, 4,4-dimethyl-	128	C8H16O	019550-14-2	43
2			Cycloheptane, methoxy-	128	C8H16O	042604-04-6	43
3			Sulfurous acid, 2-pentyl pentyl ...	222	C10H22O3S	1000309-15-4	38
4			1,7-Octadiene, 3-methoxy-	140	C9H16O	020202-62-4	38
5			2-Ethoxytetrahydrofuran	116	C6H12O2	013436-46-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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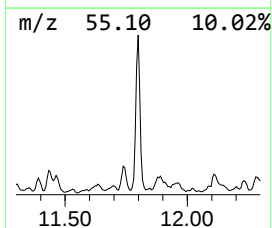
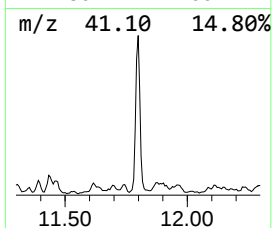
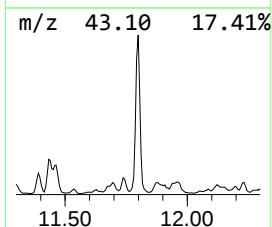
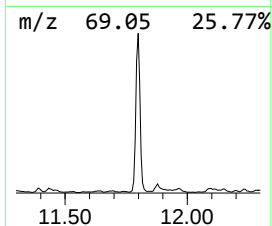
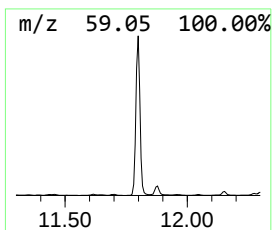
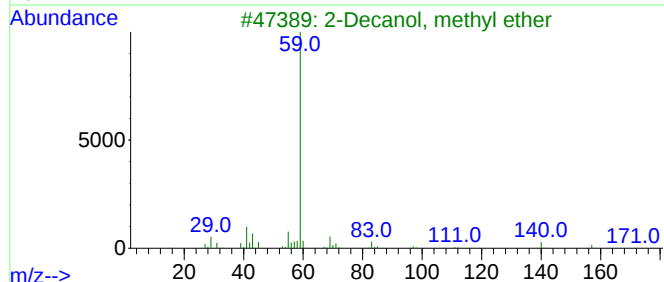
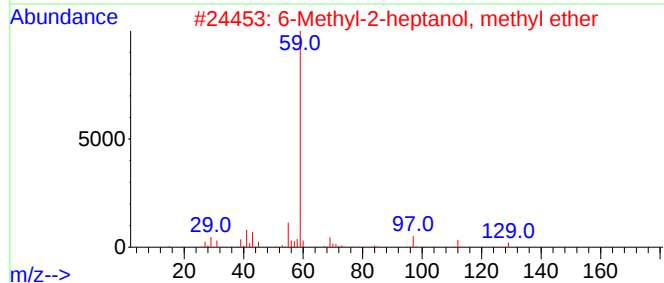
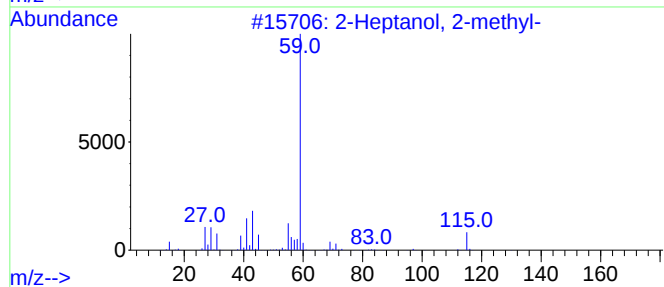
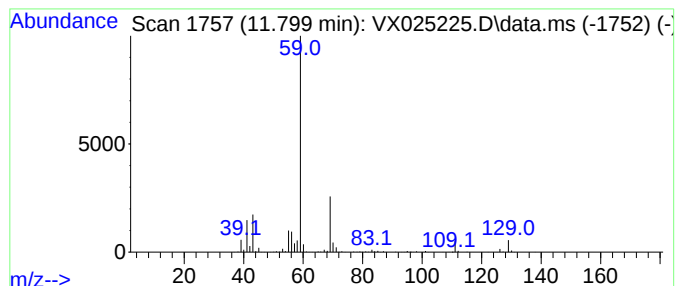
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 2-Heptanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.799	47.35 ug/L	445905	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	72
2			6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	56
3			2-Decanol, methyl ether	172	C11H24O	1000333-83-9	45
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	45
5			2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

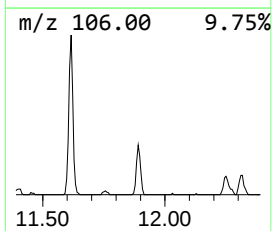
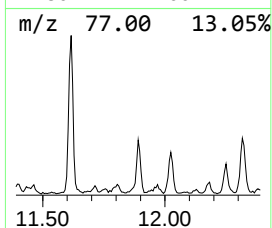
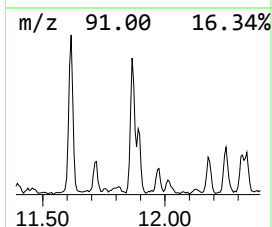
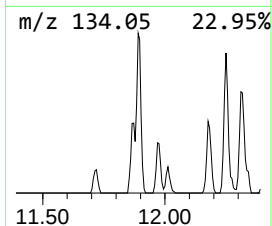
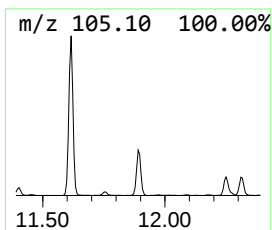
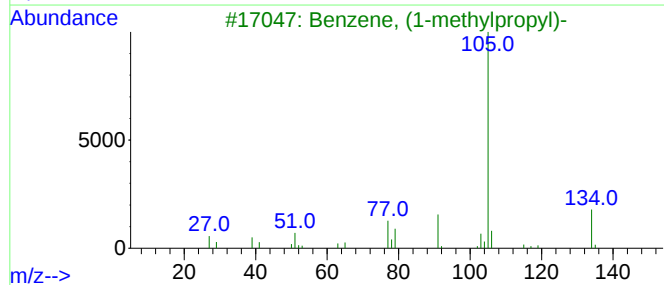
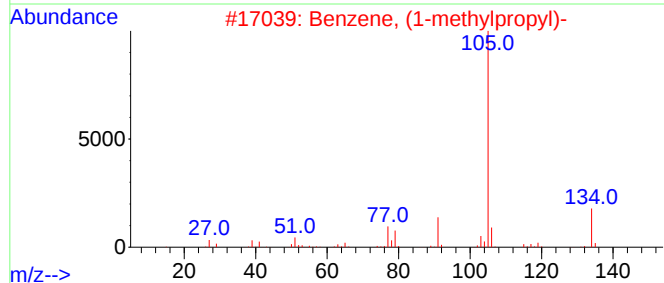
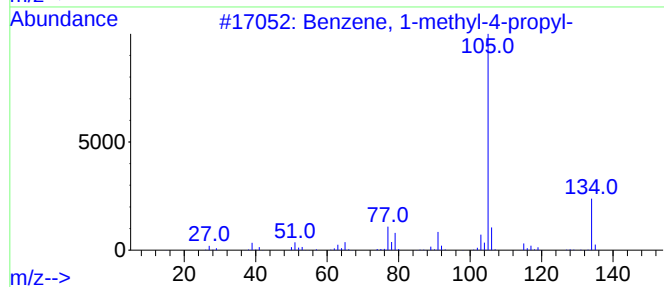
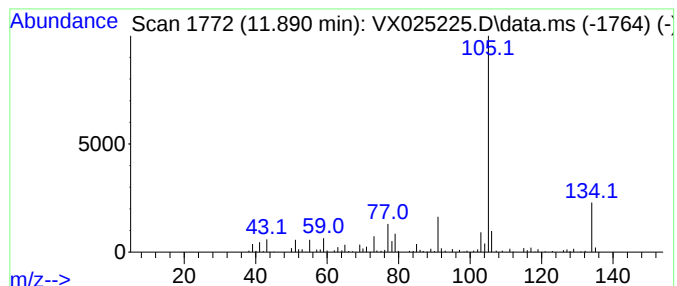
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	15.41 ug/L	145132	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	93
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

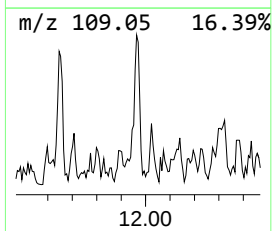
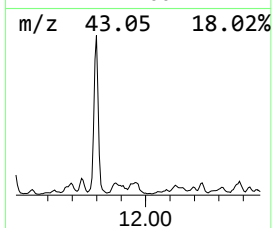
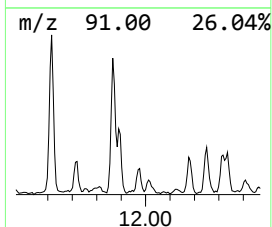
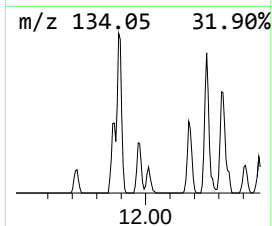
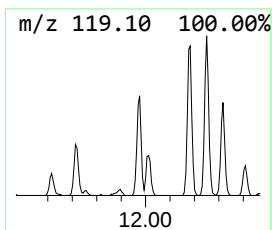
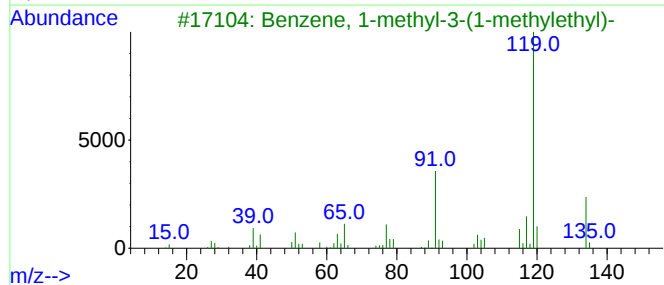
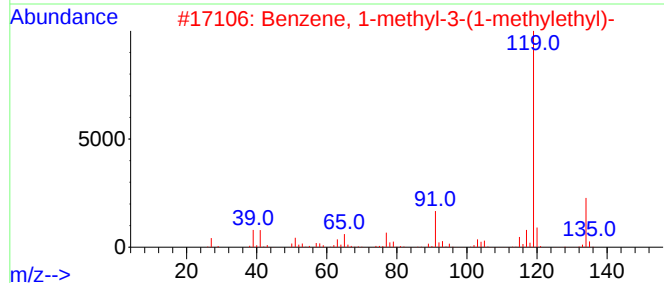
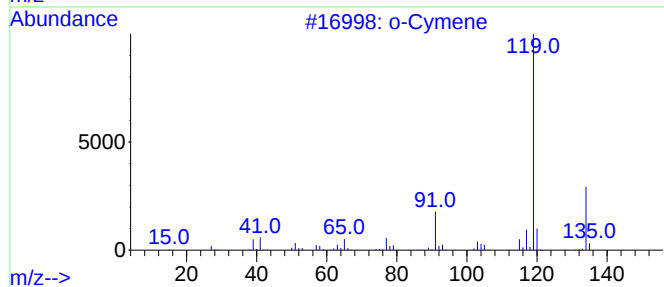
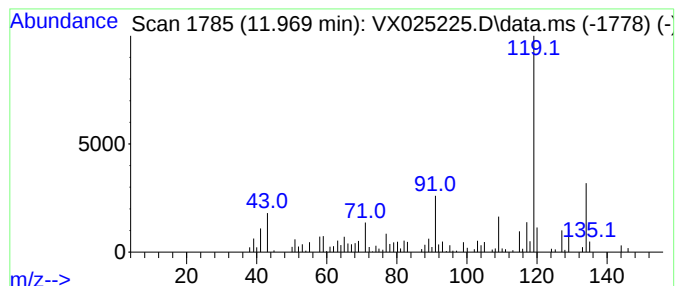
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 o-Cymene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	7.21 ug/L	67859	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	81
4			p-Cymene	134	C10H14	000099-87-6	81
5			1,3,5-Cycloheptatriene, 3,7,7-trimethyl-	134	C10H14	003479-89-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

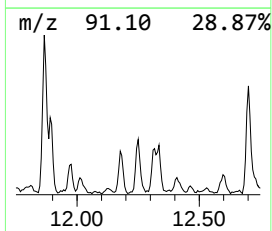
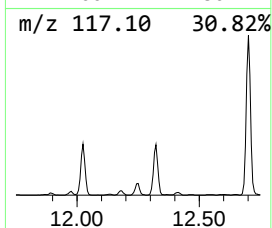
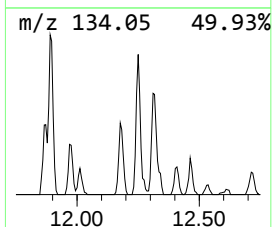
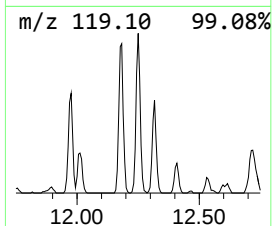
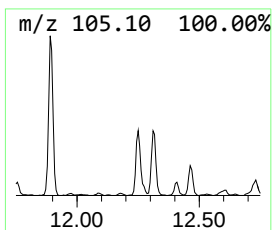
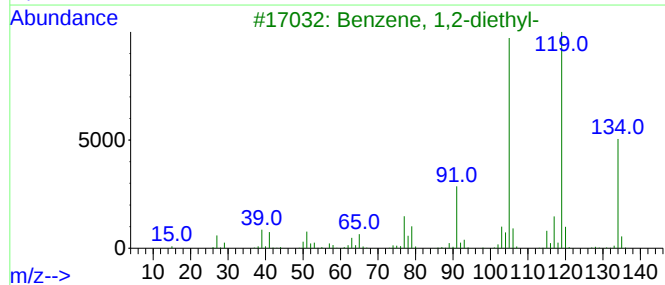
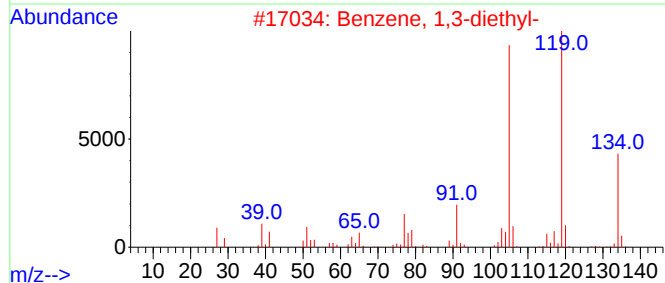
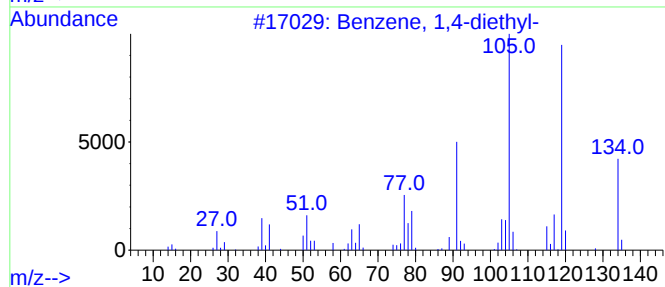
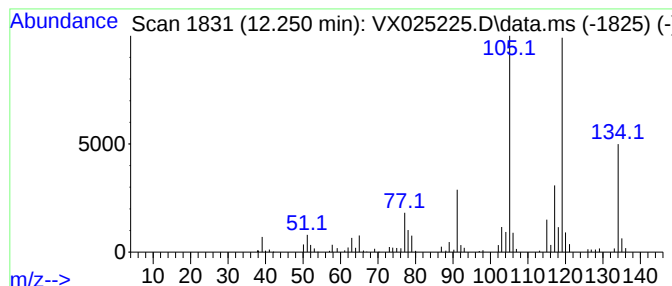
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 Benzene, 1,4-diethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	7.49 ug/L	70499	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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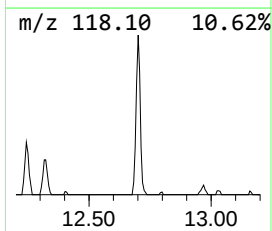
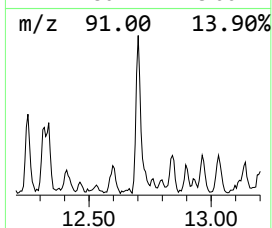
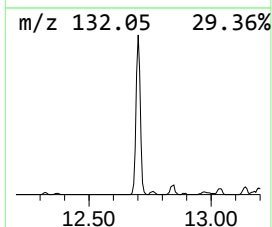
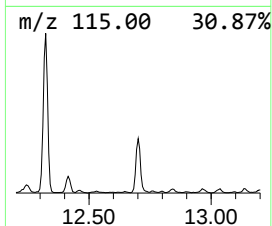
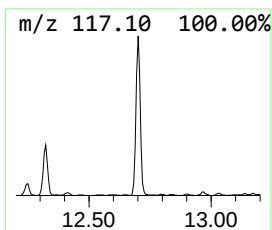
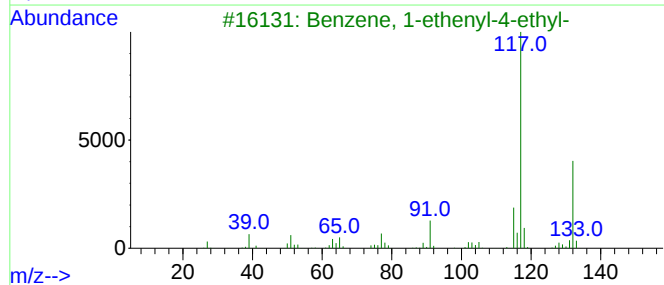
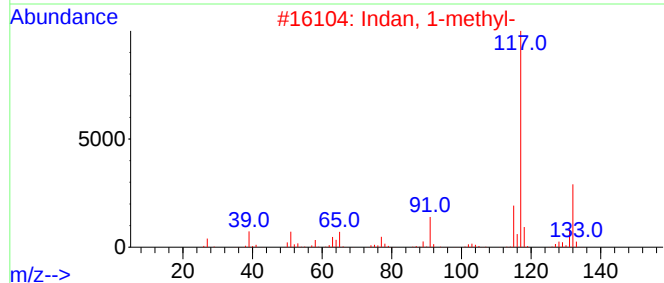
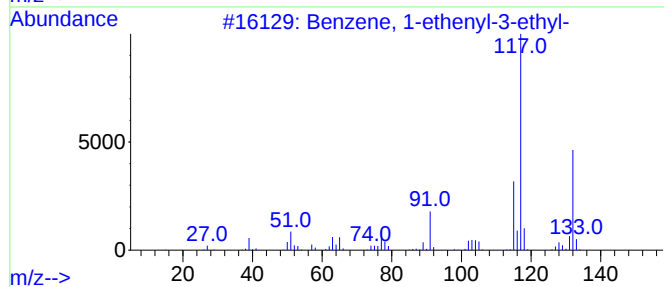
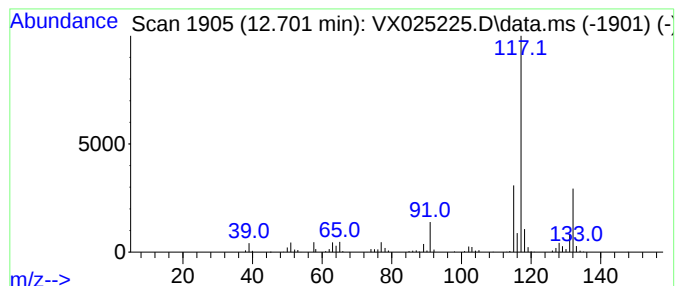
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	18.19 ug/L	171269	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Indan, 1-methyl-	132	C10H12	000767-58-8	91
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

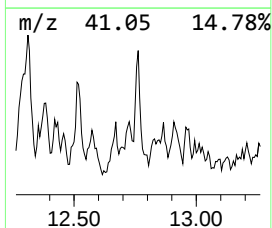
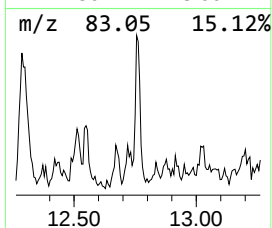
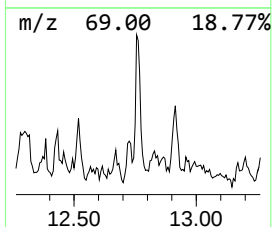
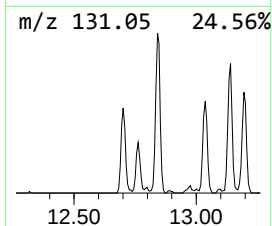
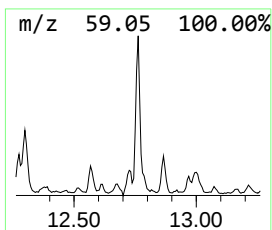
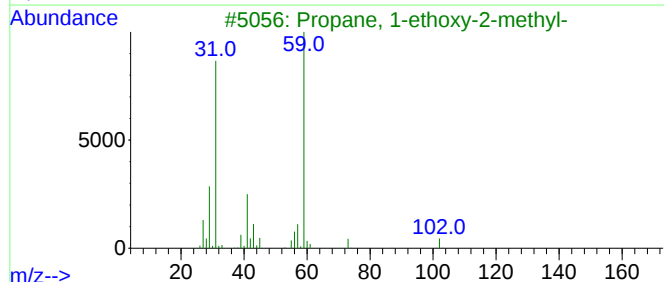
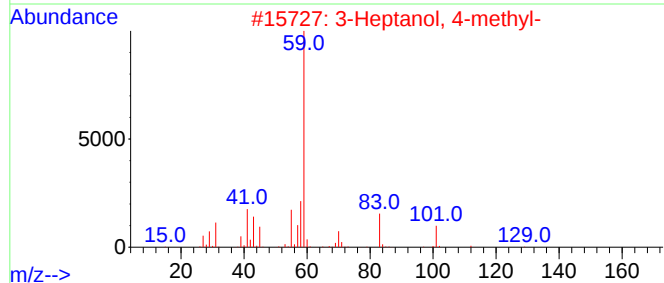
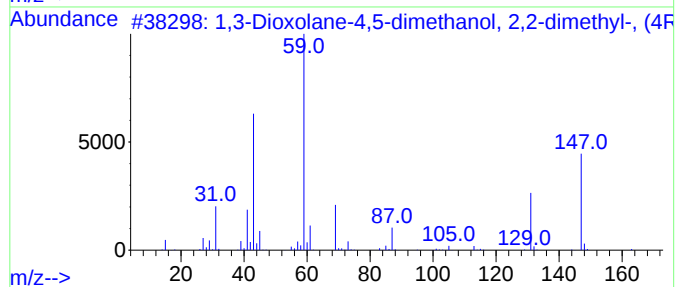
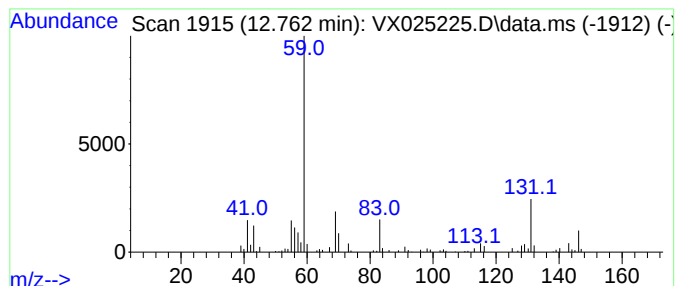
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 1,3-Dioxolane-4,5-dimethano... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	4.51 ug/L	42457	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane-4,5-dimethanol, 2,...	162	C7H14O4	073346-74-4	59
2			3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	50
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	47
4			2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	47
5			2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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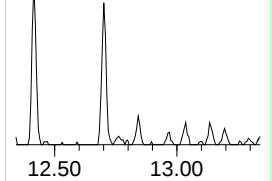
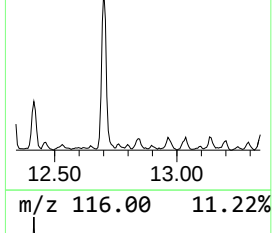
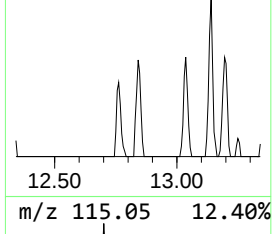
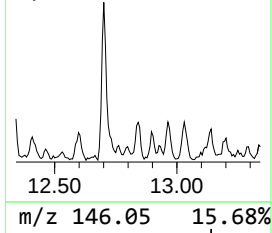
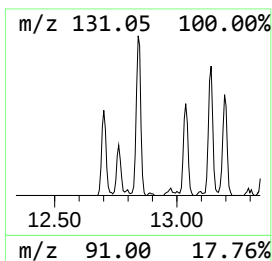
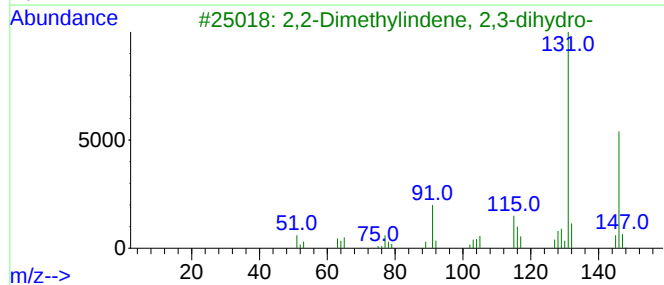
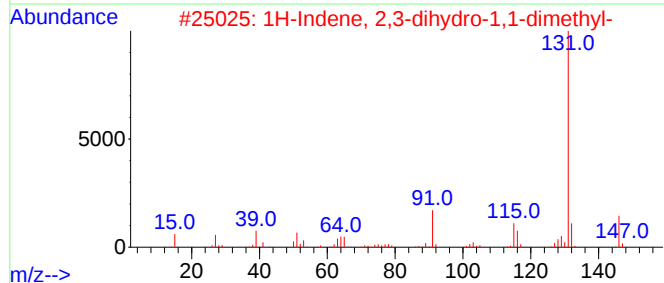
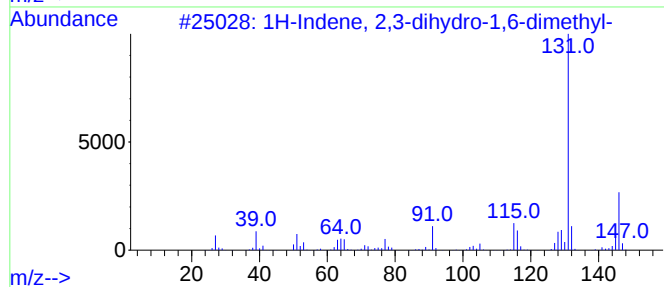
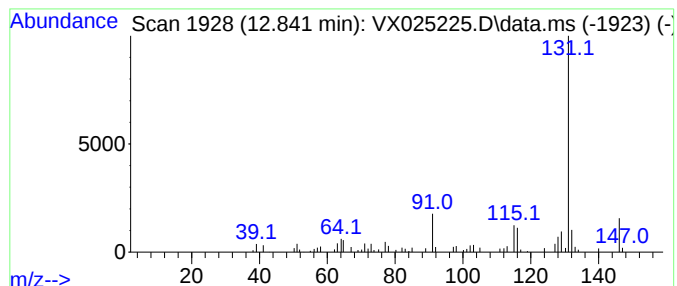
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.841	5.45 ug/L	51358	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
Data File : VX025225.D
Acq On : 18 Nov 2021 21:31
Operator : JC/MD
Sample : M4677-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
H0AA8

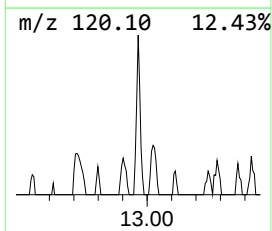
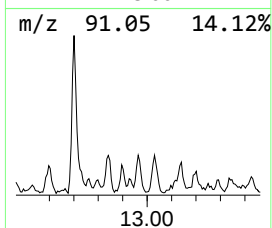
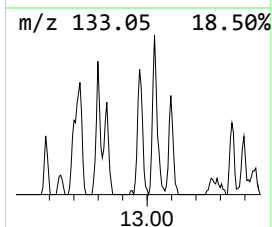
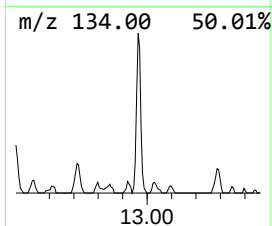
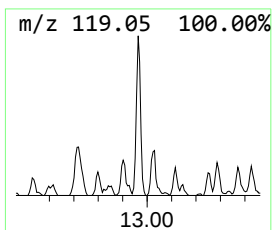
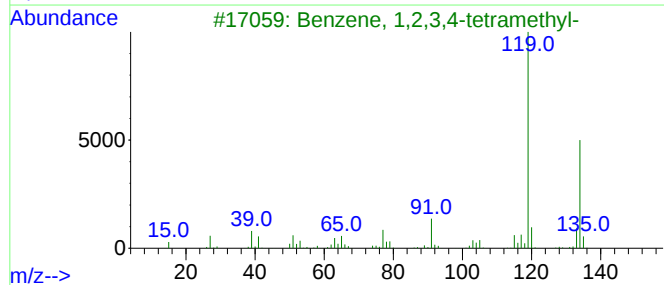
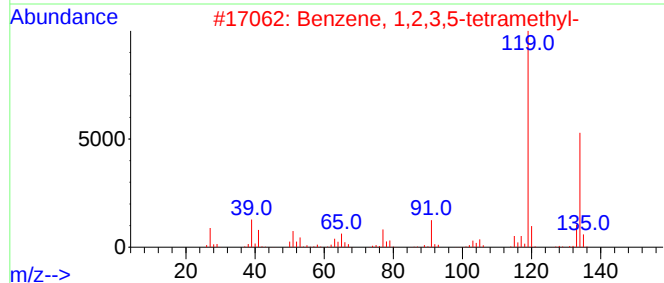
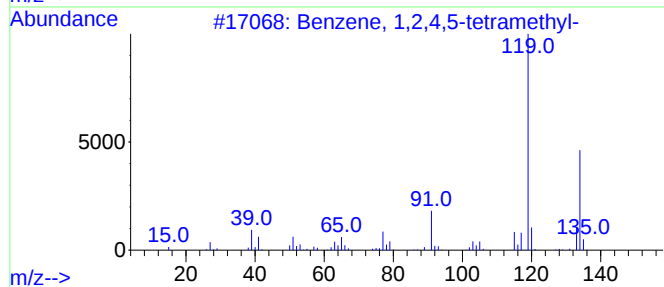
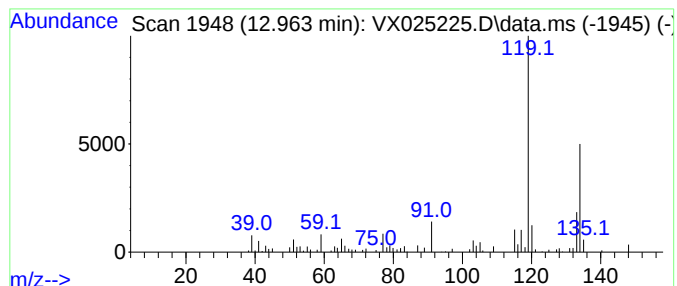
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	4.70 ug/L	44272	1,4-Dichlorobenzene-d4	12.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025225.D
 Acq On : 18 Nov 2021 21:31
 Operator : JC/MD
 Sample : M4677-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AA8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.270	6.3	ug/L	52858	1	6.763	418023	50.0
(DEL) Alkane: S...	1.740	115.0	ug/L	961125	1	6.763	418023	50.0
(DEL) Alkane: S...	1.947	24.1	ug/L	201082	1	6.763	418023	50.0
(DEL) Alkane: C...	2.063	5.5	ug/L	46348	1	6.763	418023	50.0
Ethyl ether	2.136	25.3	ug/L	211568	1	6.763	418023	50.0
(DEL) Alkane: C...	2.209	5.7	ug/L	47297	1	6.763	418023	50.0
(DEL) Alkane: S...	2.709	5.5	ug/L	45796	1	6.763	418023	50.0
(DEL) Alkane: S...	2.776	12.0	ug/L	99950	1	6.763	418023	50.0
(DEL) Alkane: S...	2.825	35.0	ug/L	292367	1	6.763	418023	50.0
(DEL) Alkane: C...	2.861	89.3	ug/L	746791	1	6.763	418023	50.0
2-Propanol, 2-m...	2.965	6.5	ug/L	54587	1	6.763	418023	50.0
(DEL) Alkane: S...	3.099	37.5	ug/L	313364	1	6.763	418023	50.0
(DEL) Alkane: S...	3.733	2.7	ug/L	22735	1	6.763	418023	50.0
(DEL) Alkane: C...	4.306	100.8	ug/L	842625	1	6.763	418023	50.0
Cyclopentene, 1...	5.196	8.4	ug/L	70498	1	6.763	418023	50.0
(DEL) Alkane: S...	5.617	12.8	ug/L	106958	1	6.763	418023	50.0
(DEL) Alkane: C...	5.842	33.1	ug/L	276380	1	6.763	418023	50.0
(DEL) Alkane: C...	6.166	27.4	ug/L	228668	1	6.763	418023	50.0
(DEL) Alkane: C...	6.361	28.2	ug/L	235644	1	6.763	418023	50.0
Diethyl sulfide	7.171	4.3	ug/L	36398	1	6.763	418023	50.0
(DEL) Alkane: C...	7.659	7.6	ug/L	63906	1	6.763	418023	50.0
(DEL) Alkane: C...	7.781	5.7	ug/L	47879	1	6.763	418023	50.0
Cyclohexene, 1-...	7.854	4.9	ug/L	41000	1	6.763	418023	50.0
(DEL) Alkane: C...	7.958	5.3	ug/L	44436	1	6.763	418023	50.0
Cyclobutane, (1...	8.147	32.3	ug/L	270000	1	6.763	418023	50.0
Cyclopentene, 3...	8.196	4.3	ug/L	36206	1	6.763	418023	50.0
2-Butanol, 2,3-...	8.427	6.0	ug/L	50650	2	10.055	419342	50.0
2-Pentanol, 2-m...	8.507	23.6	ug/L	198356	2	10.055	419342	50.0
(DEL) Alkane: C...	8.775	13.2	ug/L	110439	2	10.055	419342	50.0
3-Pentanol, 3-m...	8.842	16.5	ug/L	138377	2	10.055	419342	50.0
(DEL) Alkane: C...	9.104	13.7	ug/L	114868	2	10.055	419342	50.0
1,3-Dimethyl-1-...	9.165	13.7	ug/L	115275	2	10.055	419342	50.0
(DEL) Alkane: C...	9.513	7.8	ug/L	65191	2	10.055	419342	50.0
(DEL) Alkane: C...	9.561	44.8	ug/L	375684	2	10.055	419342	50.0
Methyl ethyl cy...	9.610	9.7	ug/L	81401	2	10.055	419342	50.0
(DEL) Alkane: S...	9.769	10.5	ug/L	88017	2	10.055	419342	50.0
(DEL) Alkane: C...	9.836	3.3	ug/L	27338	2	10.055	419342	50.0
(DEL) Alkane: S...	9.951	9.7	ug/L	81662	2	10.055	419342	50.0
Pentalene, octa...	10.134	12.1	ug/L	101732	2	10.055	419342	50.0
1,2-Dimethylcyc...	10.421	8.0	ug/L	66795	2	10.055	419342	50.0
(DEL) Alkane: C...	10.592	6.5	ug/L	54669	2	10.055	419342	50.0
unknown-01	10.787	12.7	ug/L	106103	2	10.055	419342	50.0
unknown-02	10.848	10.5	ug/L	87740	2	10.055	419342	50.0
Cyclohexanol, 1...	10.903	6.9	ug/L	57879	2	10.055	419342	50.0
Benzene, propyl-	11.305	11.1	ug/L	104159	3	12.024	470897	50.0
Cyclohexanol, 1...	11.390	5.8	ug/L	54174	3	12.024	470897	50.0
Pentanoic acid,...	11.439	8.2	ug/L	77590	3	12.024	470897	50.0
Benzene, 1-ethy...	11.616	30.8	ug/L	289945	3	12.024	470897	50.0
unknown-03	11.701	5.9	ug/L	55329	3	12.024	470897	50.0
2-Heptanol, 2-m...	11.799	47.4	ug/L	445905	3	12.024	470897	50.0
Benzene, 1-meth...	11.890	15.4	ug/L	145132	3	12.024	470897	50.0
o-Cymene	11.969	7.2	ug/L	67859	3	12.024	470897	50.0

Benzene, 1,4-di...	12.250	7.5	ug/L	70499	3	12.024	470897	50.0
Benzene, 1-ethe...	12.701	18.2	ug/L	171269	3	12.024	470897	50.0
1,3-Dioxolane-4...	12.762	4.5	ug/L	42457	3	12.024	470897	50.0
1H-Indene, 2,3-...	12.841	5.5	ug/L	51358	3	12.024	470897	50.0
Benzene, 1,2,4,...	12.963	4.7	ug/L	44272	3	12.024	470897	50.0

Instrument :

MSVOA_X

ClientSampleId :

H0AA8