

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017839.D
 Acq On : 12 Jan 2021 16:39
 Operator : SY/VA
 Sample : M1099-02
 Misc : 2.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C02

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.983	5	13	31	rVB	53996	150429	0.08%	0.024%
2	2.142	34	39	43	rBV3	3482	6380	0.00%	0.001%
3	2.202	45	49	58	rVV9	2047	5389	0.00%	0.001%
4	2.330	66	70	114	rVB	32150874	147651968	78.94%	23.495%
5	2.879	153	160	172	rVB	51173	124349	0.07%	0.020%
6	3.306	225	230	235	rVB7	1361	2803	0.00%	0.000%
7	3.727	293	299	310	rVB8	3573	9378	0.01%	0.001%
8	3.849	313	319	323	rBV5	2028	4100	0.00%	0.001%
9	4.044	334	351	370	rBV	1264495	4048787	2.16%	0.644%
10	4.202	370	377	395	rVB	47702	155462	0.08%	0.025%
11	4.391	395	408	427	rBV	384421	1226034	0.66%	0.195%
12	4.921	481	495	509	rBV3	22802	88358	0.05%	0.014%
13	5.165	524	535	545	rBV	8291	27939	0.01%	0.004%
14	5.434	563	579	612	rBV	4300582	14784946	7.90%	2.353%
15	5.793	626	638	645	rBV	10387	37156	0.02%	0.006%
16	6.799	783	803	804	rBV2	18957	61270	0.03%	0.010%
17	6.994	832	835	837	rBV4	2462	3274	0.00%	0.001%
18	7.141	849	859	862	rBV3	47277948	92396145	49.40%	14.703%
19	7.659	936	944	956	rVB	148211	394595	0.21%	0.063%
20	8.165	1023	1027	1034	rVB3	4538	9449	0.01%	0.002%
21	8.287	1037	1047	1063	rBV2	303745	1023453	0.55%	0.163%
22	8.488	1073	1080	1088	rVV2	10723	28619	0.02%	0.005%
23	8.573	1089	1094	1102	rVB5	11441	25880	0.01%	0.004%
24	8.707	1110	1116	1117	rBV6	7583	14054	0.01%	0.002%
25	8.848	1130	1139	1148	rBV	273897	605031	0.32%	0.096%
26	9.104	1160	1181	1184	rBV4	61563906	165465548	88.46%	26.330%
27	9.323	1206	1217	1231	rVB2	1229318	2825707	1.51%	0.450%
28	9.433	1233	1235	1243	rVB2	11690	20863	0.01%	0.003%
29	9.530	1243	1251	1263	rBV4	39000	123448	0.07%	0.020%
30	9.689	1271	1277	1283	rVV2	32707	68271	0.04%	0.011%
31	9.762	1284	1289	1296	rVB5	12037	24772	0.01%	0.004%
32	9.902	1304	1312	1318	rBV	109602	212694	0.11%	0.034%
33	9.963	1318	1322	1328	rVV3	19192	42174	0.02%	0.007%
34	10.036	1328	1334	1340	rVV	129257	239812	0.13%	0.038%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Title : VOC Analysis

35	10.103	1341	1345	1347	rVV2	18914	33308	0.02%	0.005%
36	10.134	1347	1350	1358	rVB	34277	66406	0.04%	0.011%
37	10.219	1358	1364	1365	rBV2	13655	21503	0.01%	0.003%
38	10.262	1365	1371	1376	rVV	69217	136463	0.07%	0.022%
39	10.329	1376	1382	1388	rVV	411138	719444	0.38%	0.114%
40	10.396	1388	1393	1405	rVB	60207	118835	0.06%	0.019%
41	10.512	1405	1412	1418	rBV3	35569	75424	0.04%	0.012%
42	10.585	1418	1424	1431	rBV	80509	138089	0.07%	0.022%
43	10.762	1451	1453	1454	rBV2	3829	3250	0.00%	0.001%
44	10.878	1461	1472	1476	rBV3	67091312	187053794	100.00%	29.765%
45	11.042	1496	1499	1502	rVB5	8073	12015	0.01%	0.002%
46	11.122	1507	1512	1519	rBV4	18634	35610	0.02%	0.006%
47	11.189	1520	1523	1525	rBV4	5534	5998	0.00%	0.001%
48	11.231	1526	1530	1534	rVB5	14950	24131	0.01%	0.004%
49	11.280	1534	1538	1543	rVB4	13573	23122	0.01%	0.004%
50	11.341	1544	1548	1552	rBV3	32929	50162	0.03%	0.008%
51	11.414	1554	1560	1565	rVB3	38240	69635	0.04%	0.011%
52	11.512	1572	1576	1585	rVB3	38661	72472	0.04%	0.012%
53	11.634	1589	1596	1605	rBV	348634	644795	0.34%	0.103%
54	11.731	1607	1612	1621	rVB2	43769	91527	0.05%	0.015%
55	11.841	1621	1630	1634	rBV2	94547	196639	0.11%	0.031%
56	11.914	1640	1642	1649	rVB7	18163	27329	0.01%	0.004%
57	11.987	1649	1654	1657	rBV6	5523	11749	0.01%	0.002%
58	12.073	1663	1668	1670	rBV5	5933	8779	0.00%	0.001%
59	12.140	1671	1679	1680	rVV6	20526	36493	0.02%	0.006%
60	12.170	1680	1684	1686	rVV2	34896	61054	0.03%	0.010%
61	12.219	1686	1692	1703	rVB	520332	1017461	0.54%	0.162%
62	12.365	1707	1716	1724	rVB6	26659	83116	0.04%	0.013%
63	12.469	1727	1733	1738	rBV5	29467	65571	0.04%	0.010%
64	12.566	1747	1749	1751	rBV3	5689	6037	0.00%	0.001%
65	12.652	1760	1763	1764	rBV2	10907	11776	0.01%	0.002%
66	12.694	1765	1770	1777	rVB	159678	266624	0.14%	0.042%
67	12.780	1781	1784	1789	rVB4	22780	39390	0.02%	0.006%
68	12.865	1790	1798	1802	rBV7	29322	73183	0.04%	0.012%
69	12.932	1804	1809	1816	rBV4	85629	154185	0.08%	0.025%
70	12.993	1816	1819	1823	rVB3	19557	28245	0.02%	0.004%
71	13.054	1824	1829	1836	rBV	110494	196002	0.10%	0.031%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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72	13.127	1836	1841	1845	rBV	168068	265013	0.14%	0.042%
73	13.170	1845	1848	1850	rBV2	24118	33671	0.02%	0.005%
74	13.292	1865	1868	1872	rVB2	19517	25622	0.01%	0.004%
75	13.408	1882	1887	1891	rBV2	57411	91363	0.05%	0.015%
76	13.444	1891	1893	1895	rVV3	18273	21644	0.01%	0.003%
77	13.499	1896	1902	1907	rVV	221609	392248	0.21%	0.062%
78	13.560	1907	1912	1929	rVB4	305050	773061	0.41%	0.123%
79	13.700	1931	1935	1939	rBV3	24137	33623	0.02%	0.005%
80	13.761	1940	1945	1953	rBV6	14590	35107	0.02%	0.006%
81	13.859	1953	1961	1968	rBV2	279927	725042	0.39%	0.115%
82	13.987	1978	1982	1992	rBV2	21155	73254	0.04%	0.012%
83	14.225	2013	2021	2026	rBV	207413	344395	0.18%	0.055%
84	14.383	2043	2047	2051	rVB3	40083	56996	0.03%	0.009%
85	14.426	2051	2054	2058	rVB5	20833	28419	0.02%	0.005%
86	14.499	2061	2066	2069	rBV3	37380	67018	0.04%	0.011%
87	14.548	2071	2074	2081	rVB6	23324	39832	0.02%	0.006%
88	14.627	2083	2087	2095	rBV5	40227	62431	0.03%	0.010%
89	14.719	2098	2102	2108	rVB	139605	203554	0.11%	0.032%
90	14.786	2108	2113	2116	rBV5	38417	81465	0.04%	0.013%
91	15.072	2155	2160	2165	rVB3	45544	78331	0.04%	0.012%
92	15.322	2196	2201	2204	rBV2	60475	105666	0.06%	0.017%
93	15.365	2204	2208	2217	rVB	72899	157095	0.08%	0.025%
94	15.548	2234	2238	2247	rVB	137516	231604	0.12%	0.037%
95	15.639	2248	2253	2262	rBV9	42566	115199	0.06%	0.018%
96	15.968	2301	2307	2322	rBV2	136315	348885	0.19%	0.056%
97	16.133	2331	2334	2343	rVB9	20999	53255	0.03%	0.008%
98	16.285	2354	2359	2367	rVB	52414	105604	0.06%	0.017%
99	16.493	2388	2393	2398	rVB	77107	130034	0.07%	0.021%
100	16.621	2410	2414	2427	rVB10	49442	160323	0.09%	0.026%

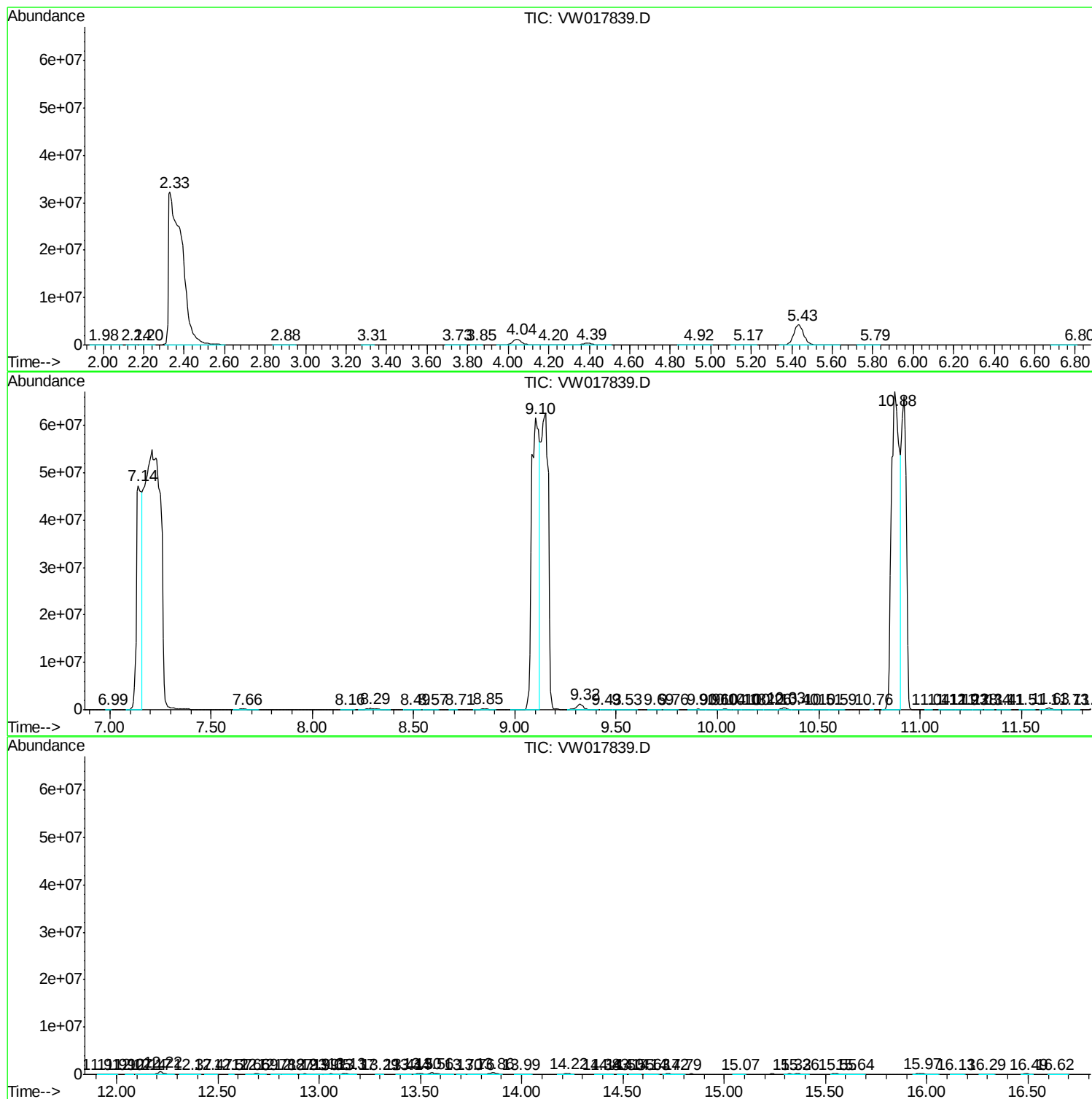
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F1C02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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 ALS Vial : 1 Sample Multiplier: 1

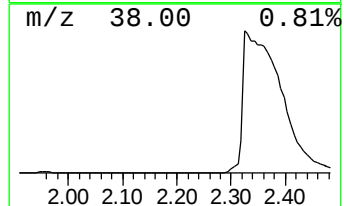
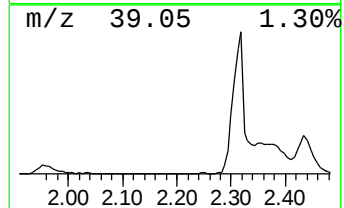
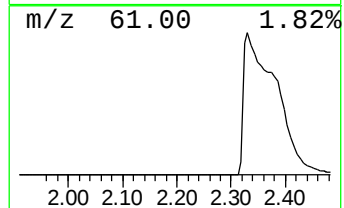
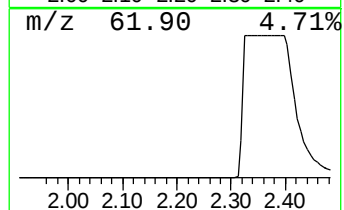
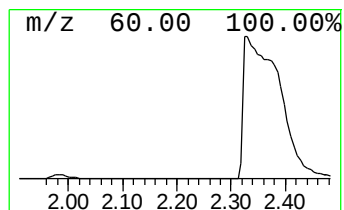
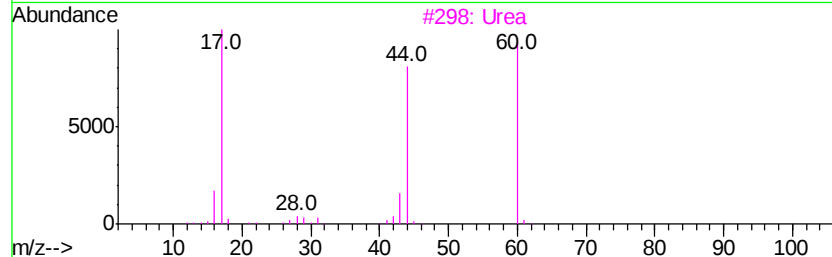
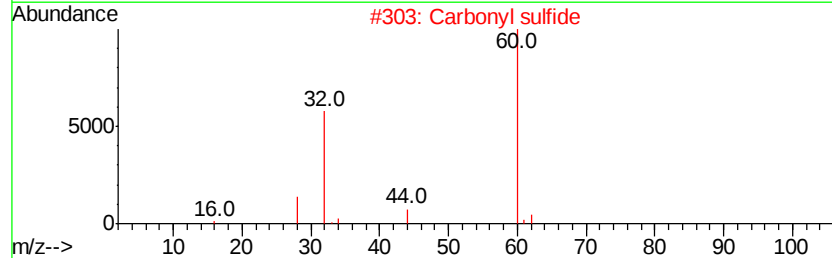
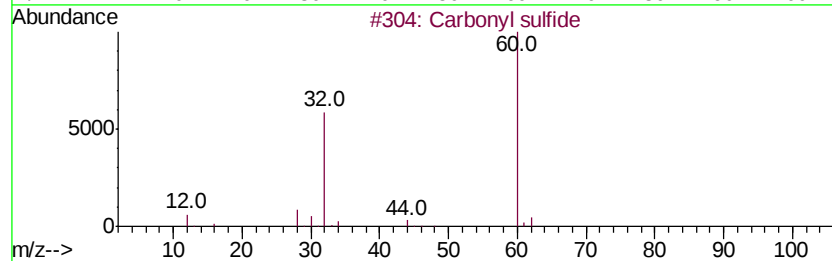
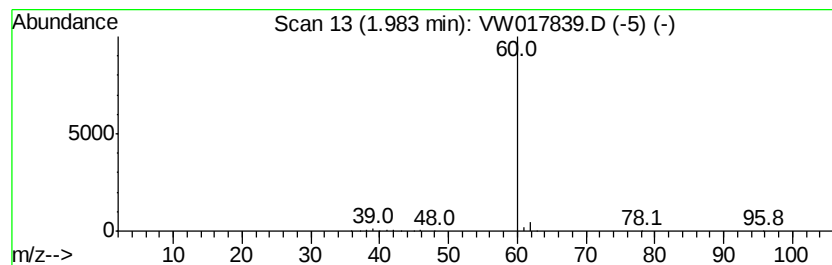
Instrument :
 MSVOA_W
 ClientSampleId :
 F1C02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.98	6.22 ug/L	150429	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonyl sulfide	60	COS	000463-58-1	5
2	Carbonyl sulfide	60	COS	000463-58-1	5
3	Urea	60	CH4N2O	000057-13-6	4
4	Urea	60	CH4N2O	000057-13-6	4
5	Methyl formate	60	C2H4O2	000107-31-3	3



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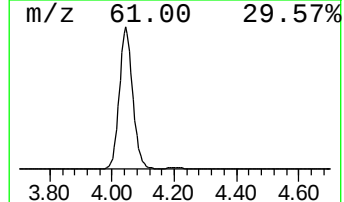
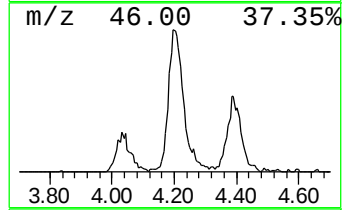
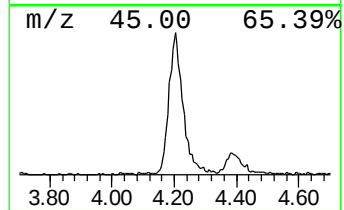
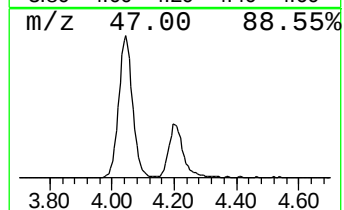
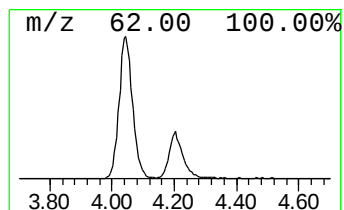
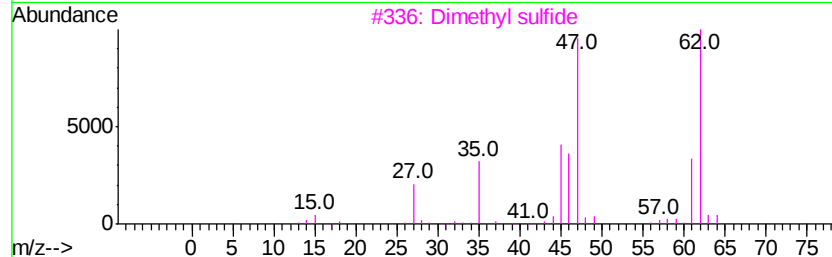
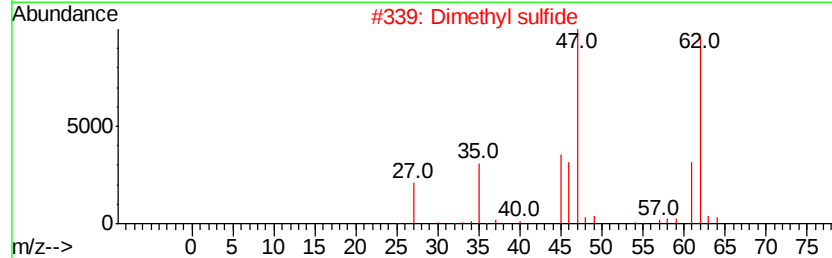
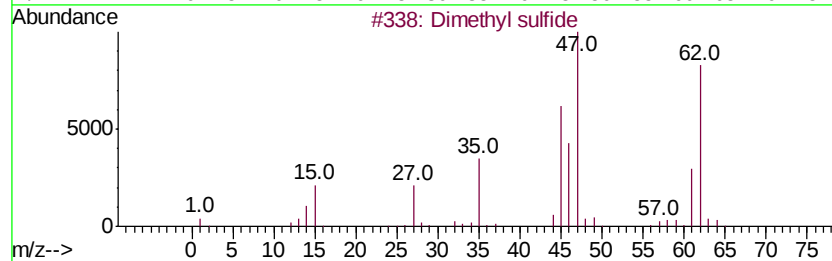
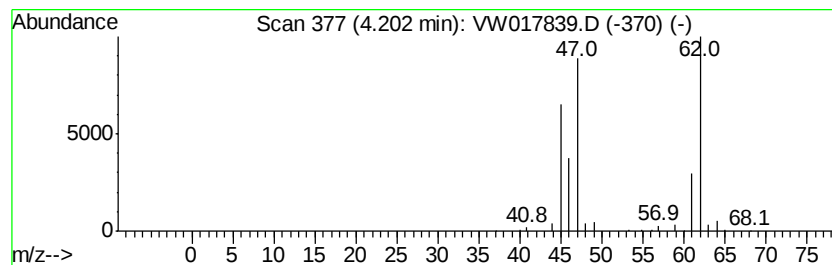
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dimethyl sulfide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	6.42 ug/L	155462	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	91
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83



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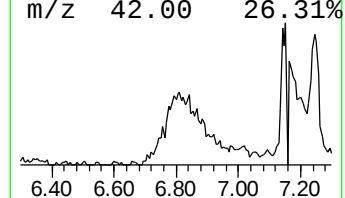
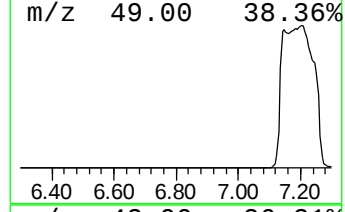
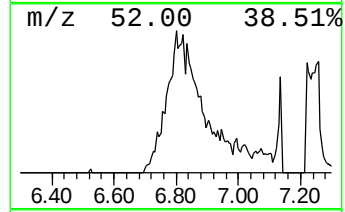
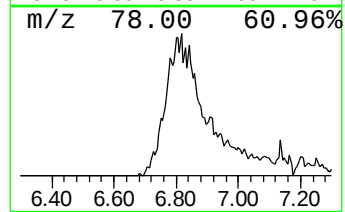
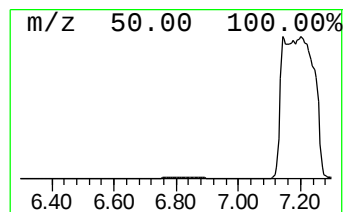
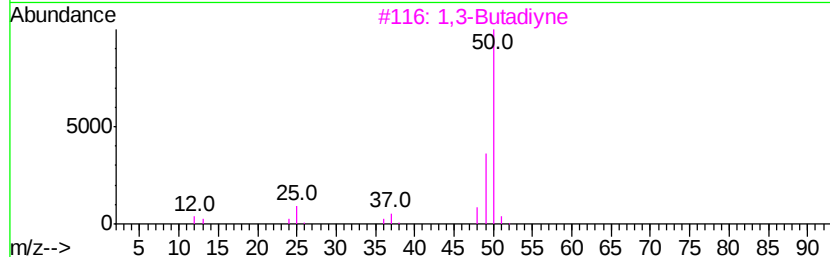
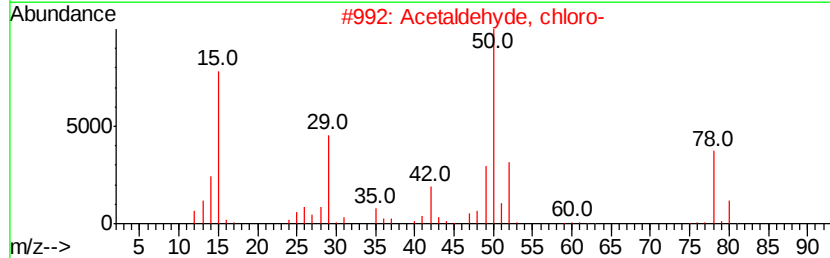
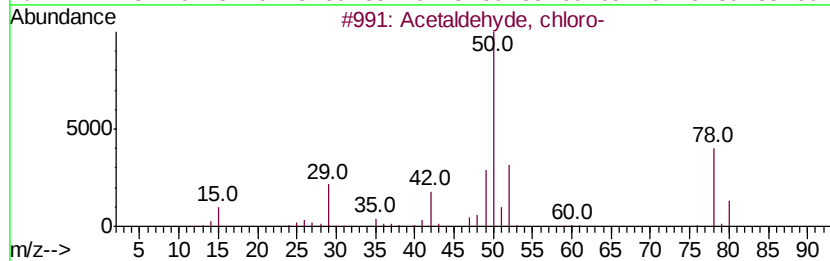
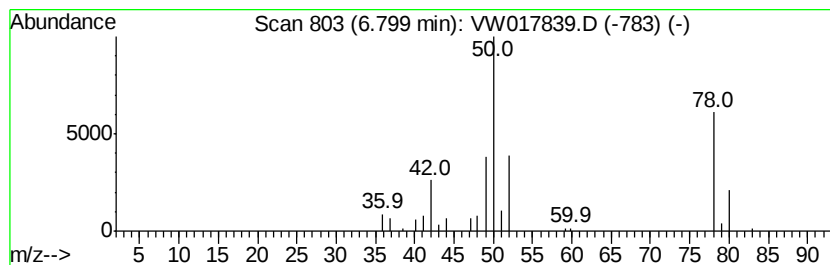
Instrument :
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Acetaldehyde, chloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	2.53 ug/L	61270	1,4-Difluorobenzene	8.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Acetaldehydve, chloro-	78 C2H3ClO	000107-20-0	91
2	Acetaldehydve, chloro-	78 C2H3ClO	000107-20-0	91
3	1,3-Butadiyne	50 C4H2	000460-12-8	52
4	Acetaldehydve, chloro-	78 C2H3ClO	000107-20-0	46
5	1,3-Butadiyne	50 C4H2	000460-12-8	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

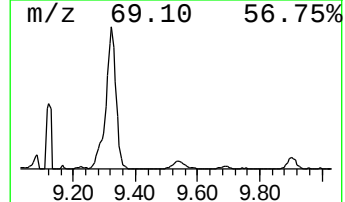
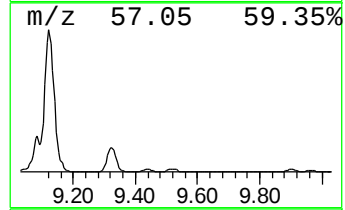
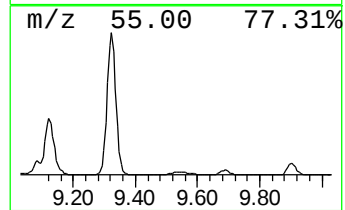
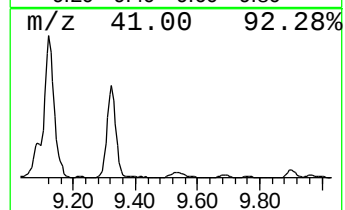
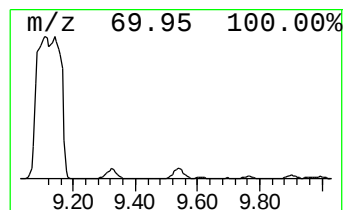
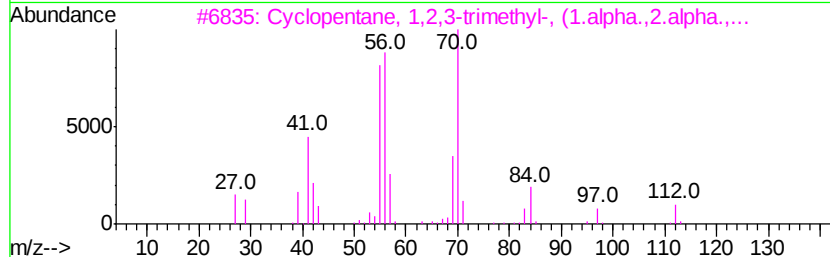
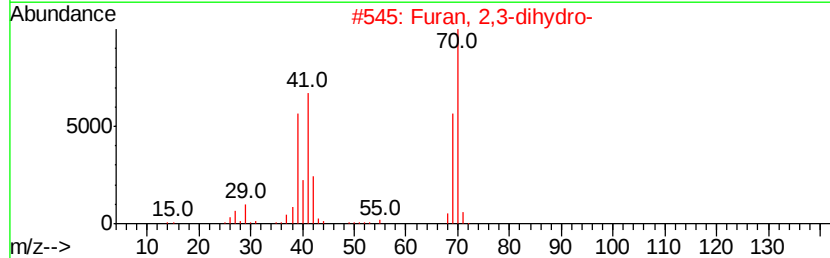
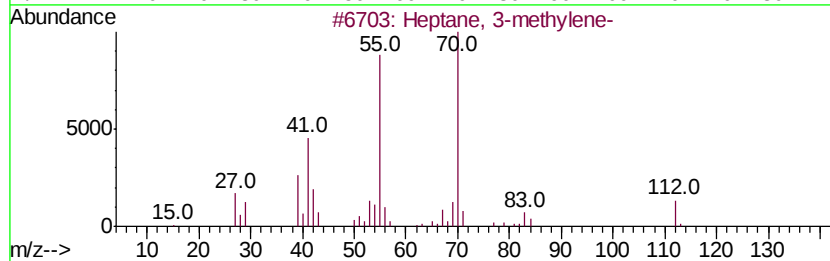
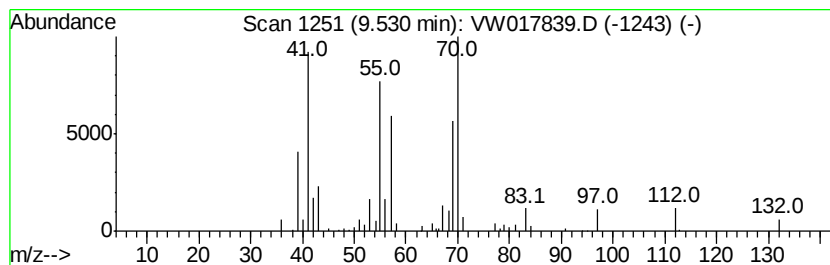
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.10 ug/L	123448	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-methylene-	112	C8H16	001632-16-2	58
2		Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	53
3		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	50
4		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	50
5		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

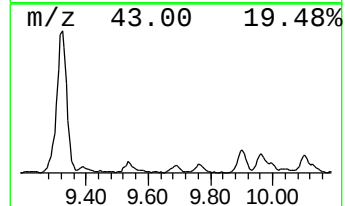
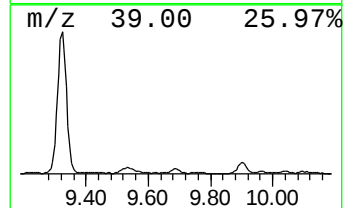
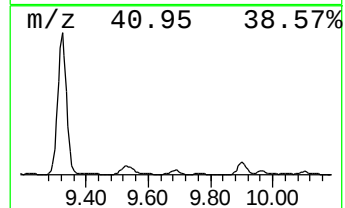
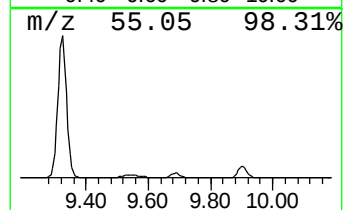
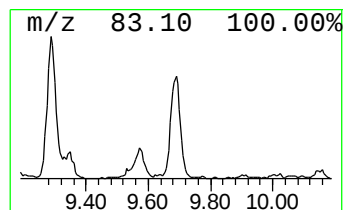
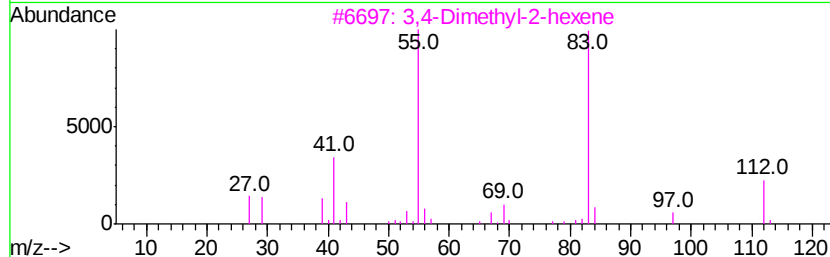
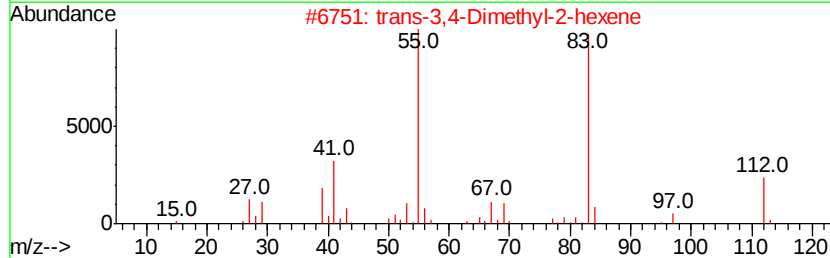
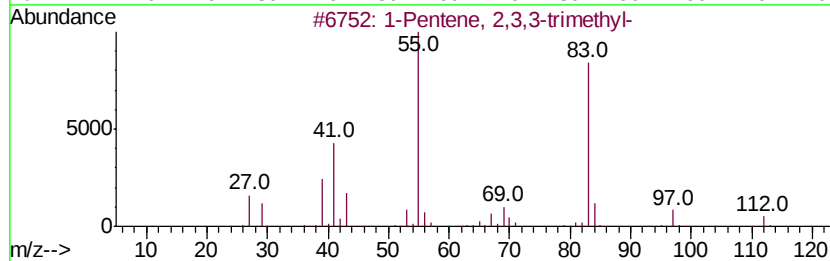
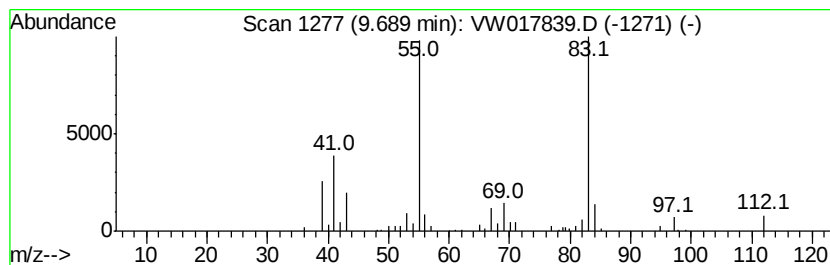
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.82 ug/L	68271	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	91
2			trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	90
3			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	83
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

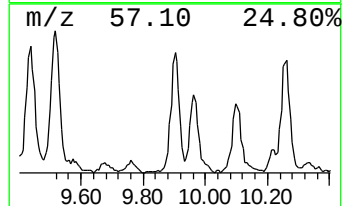
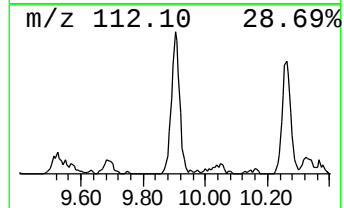
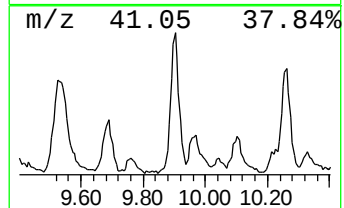
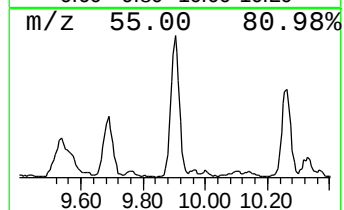
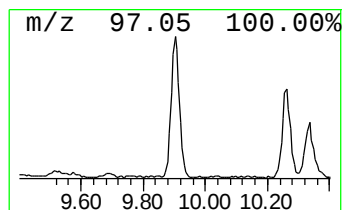
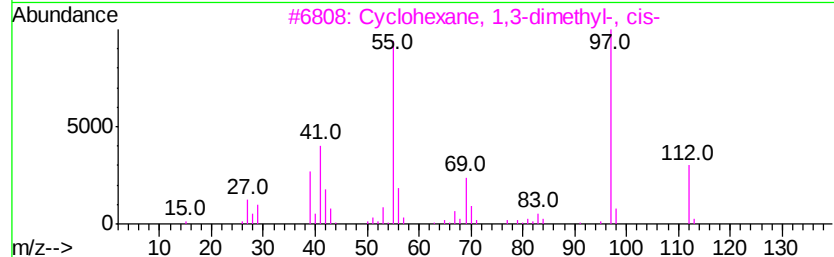
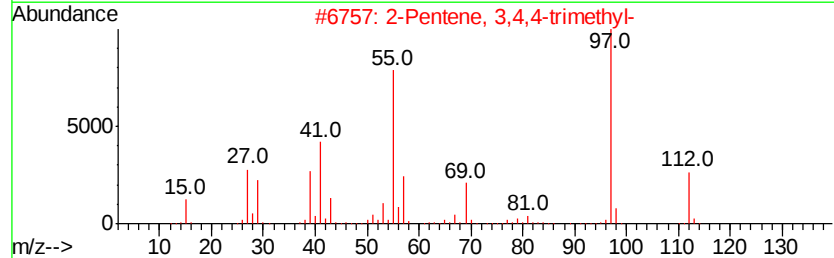
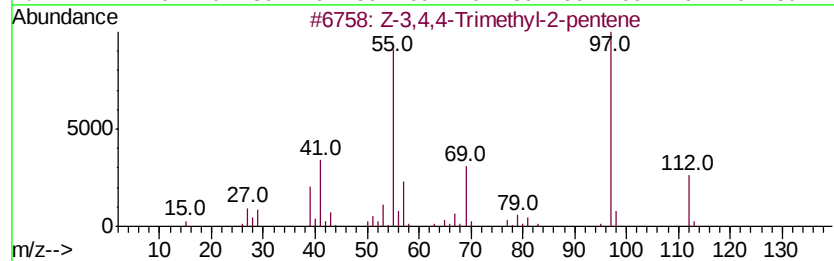
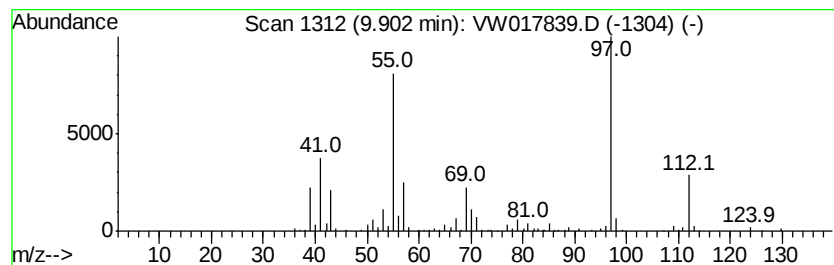
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	8.79 ug/L	212694	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	94
2		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	93
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
4		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	87
5		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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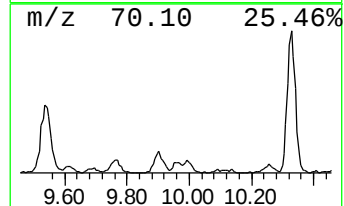
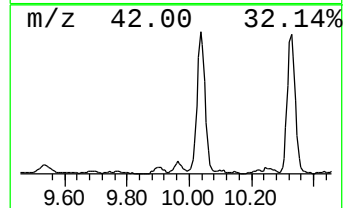
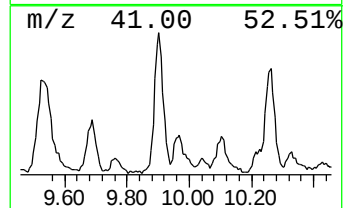
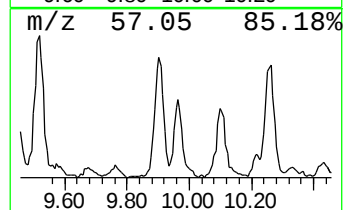
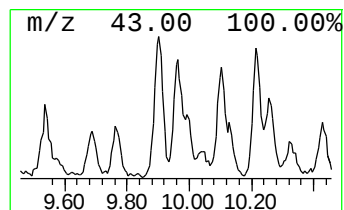
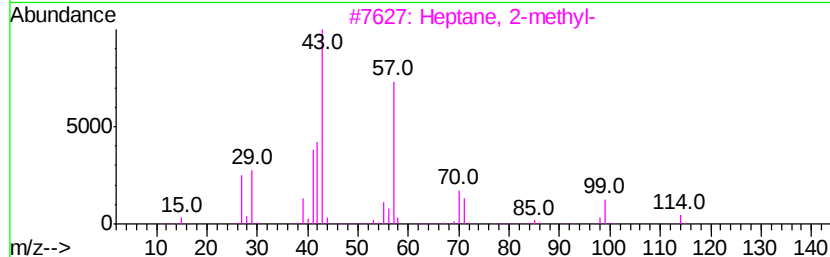
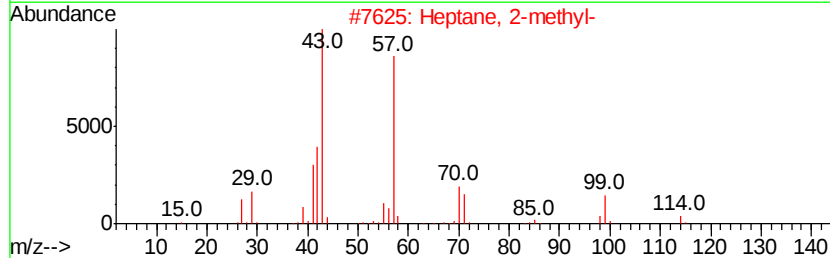
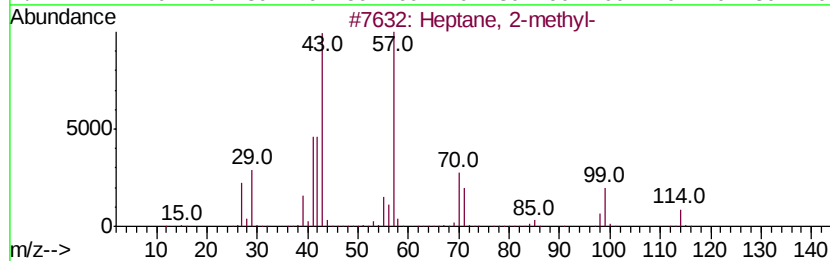
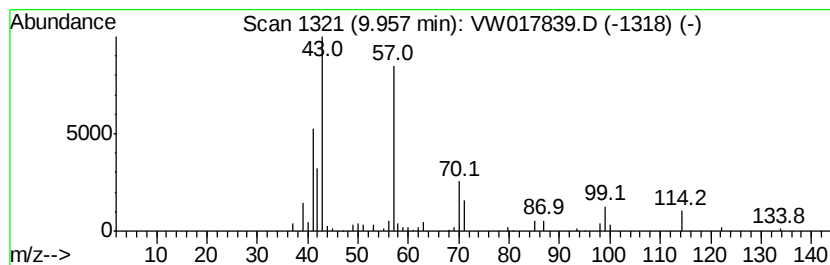
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	1.74 ug/L	42174	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	78
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

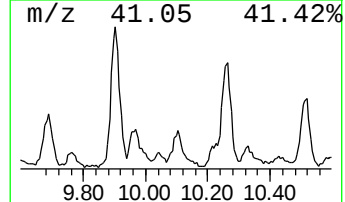
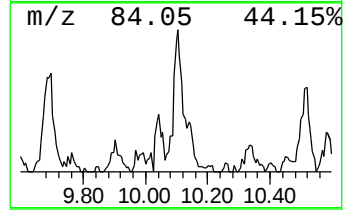
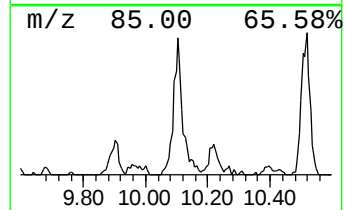
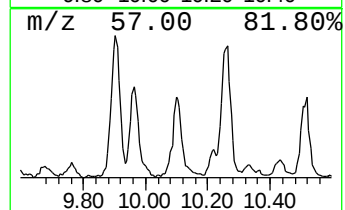
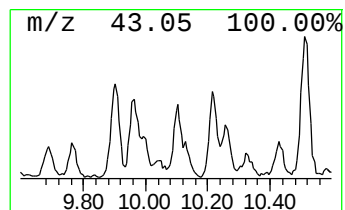
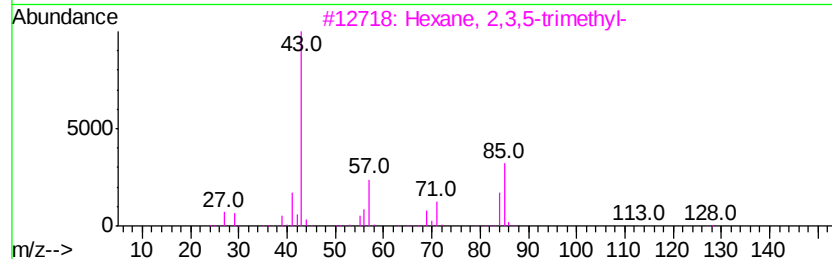
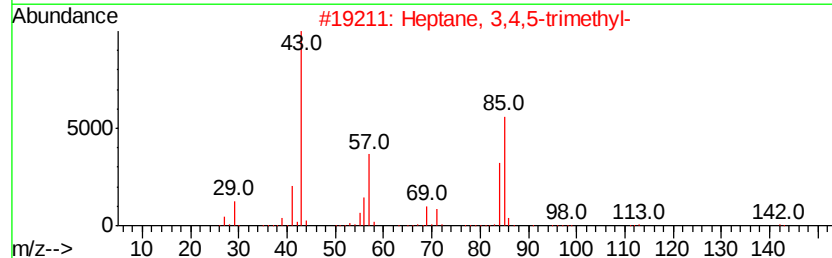
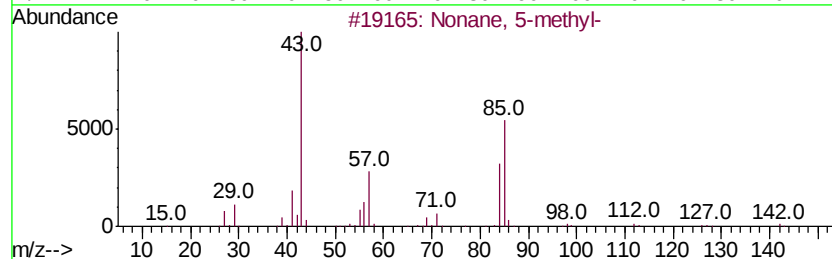
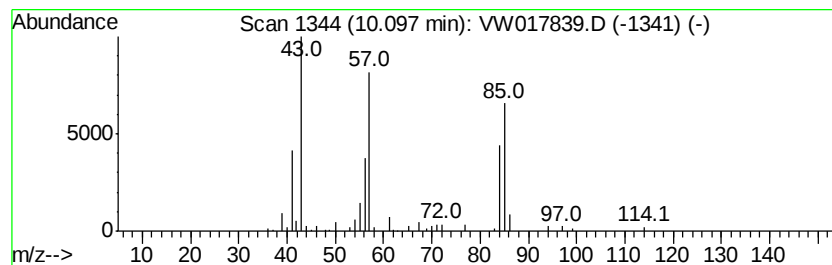
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	1.38 ug/L	33308	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-methyl-	142	C10H22	015869-85-9	78
2			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	72
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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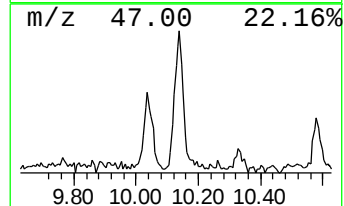
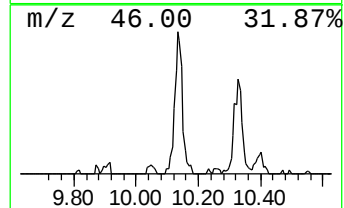
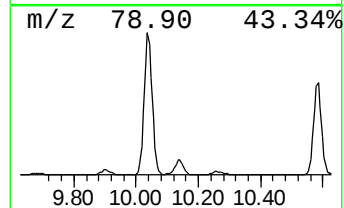
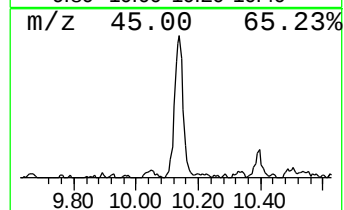
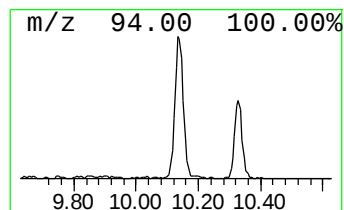
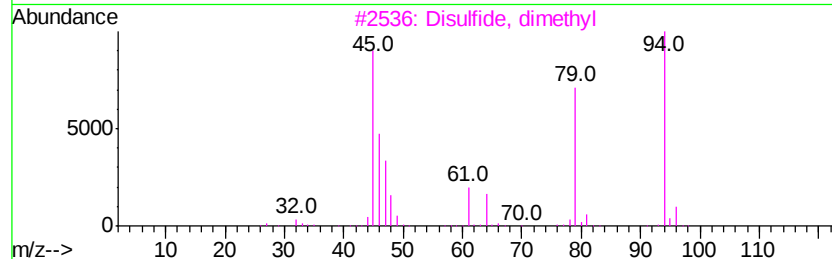
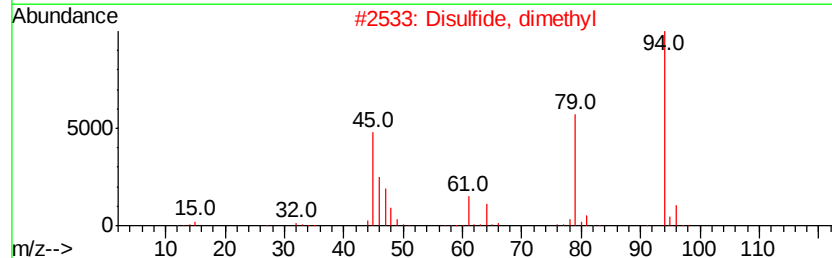
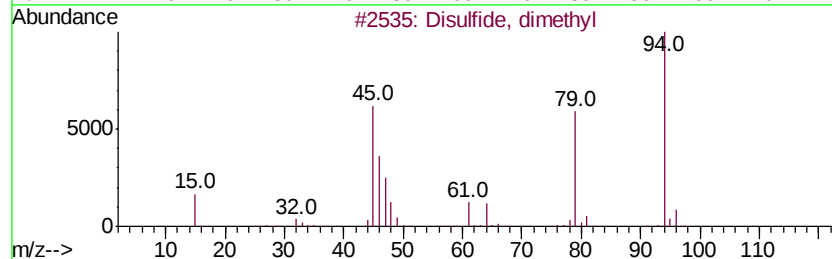
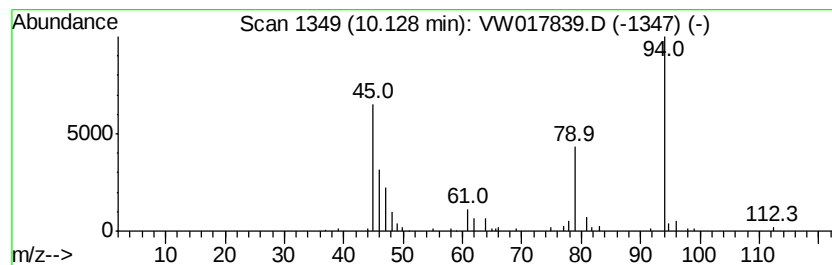
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Disulfide, dimethyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.74 ug/L	66406	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
2			Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
3			Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
4			Disulfide, dimethyl	94	C2H6S2	000624-92-0	83
5			Disulfide, dimethyl	94	C2H6S2	000624-92-0	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

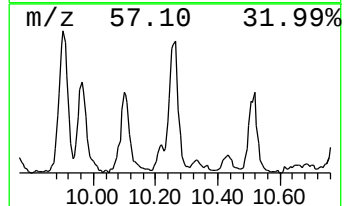
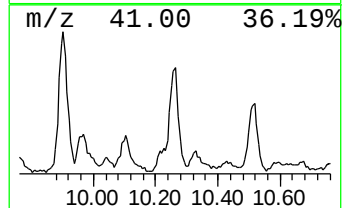
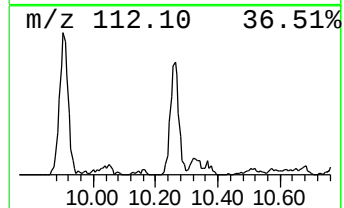
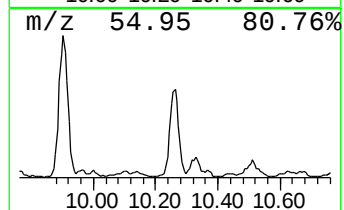
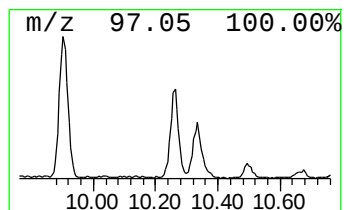
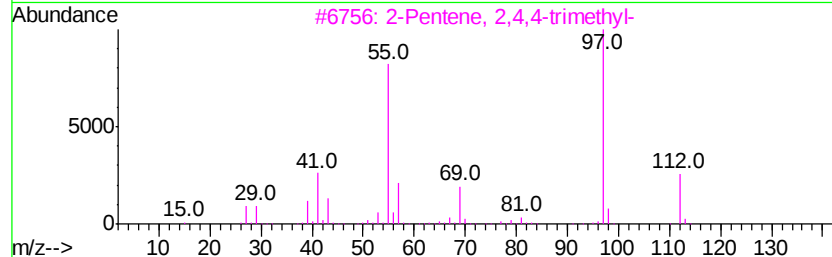
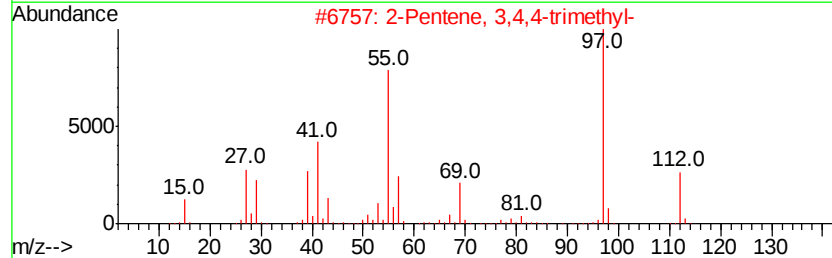
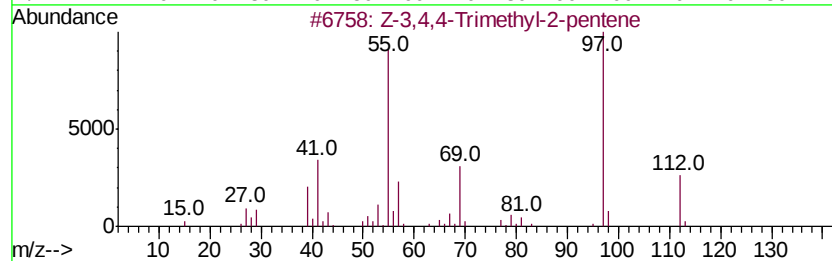
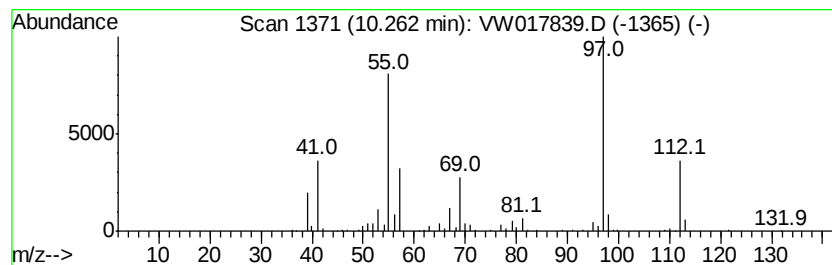
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	5.29 ug/L	136463	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	91
2		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	90
3		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	80
4		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	78
5		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

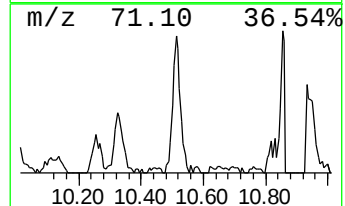
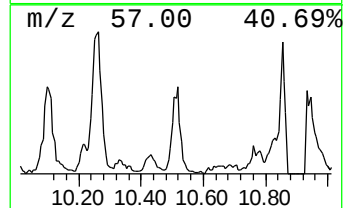
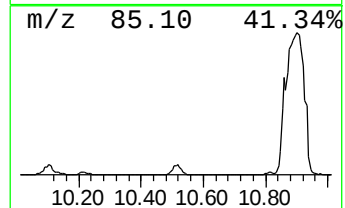
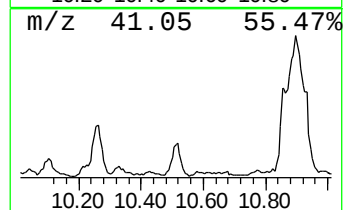
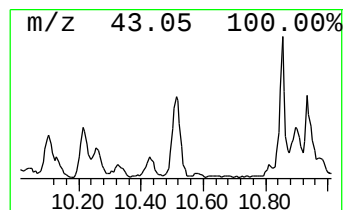
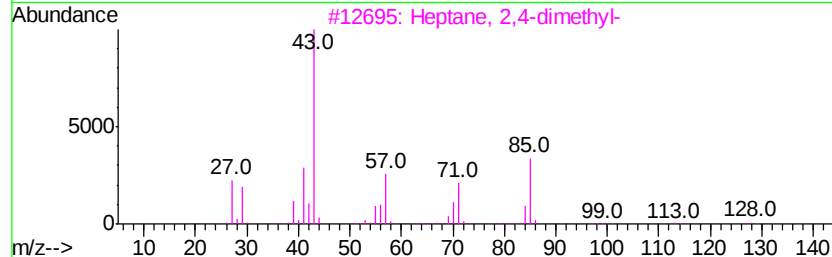
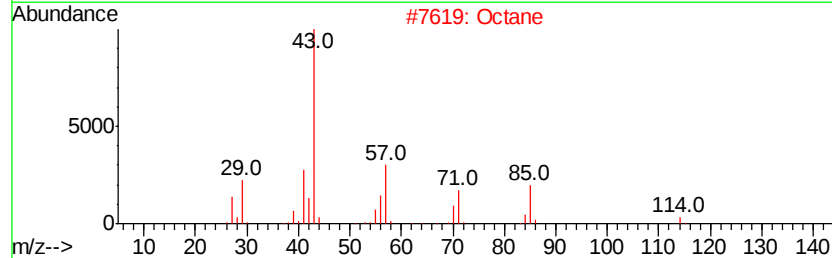
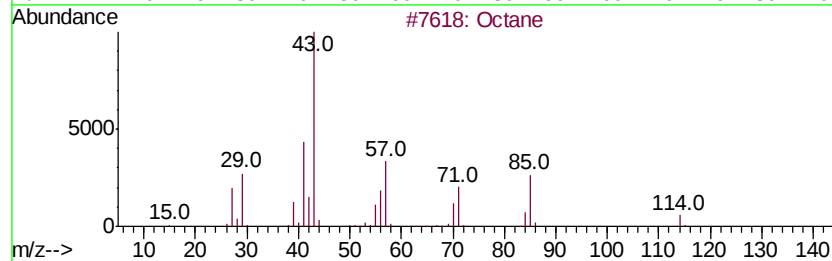
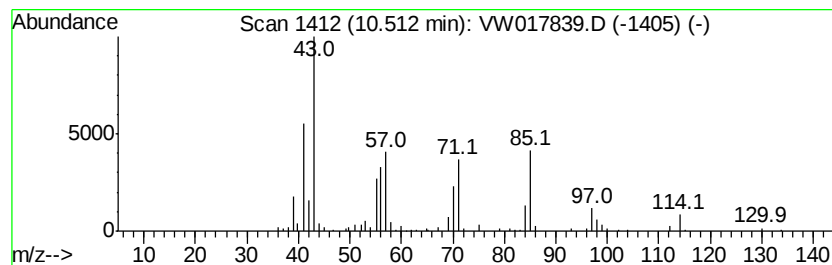
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.92 ug/L	75424	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	80
2		Octane	114	C8H18	000111-65-9	72
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5		Octane	114	C8H18	000111-65-9	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

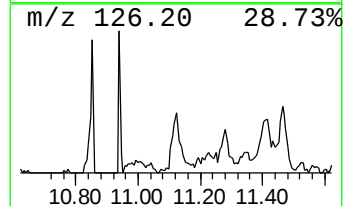
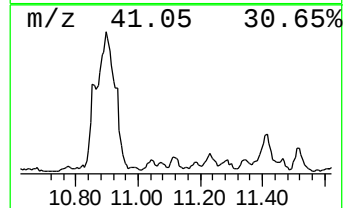
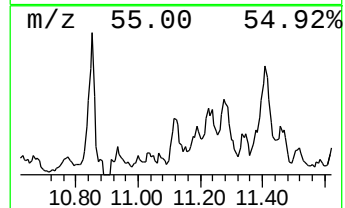
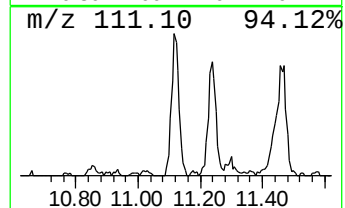
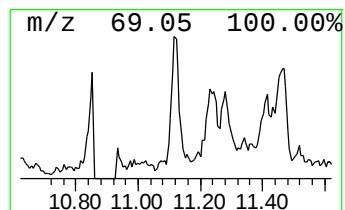
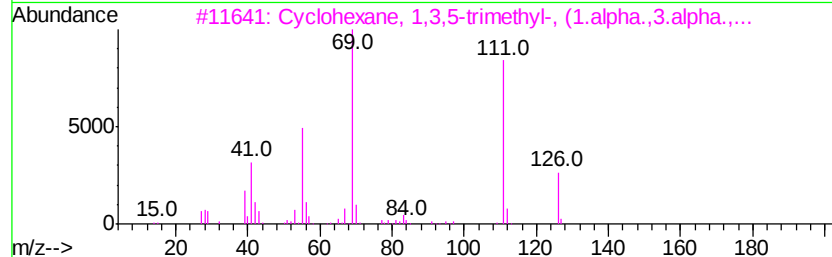
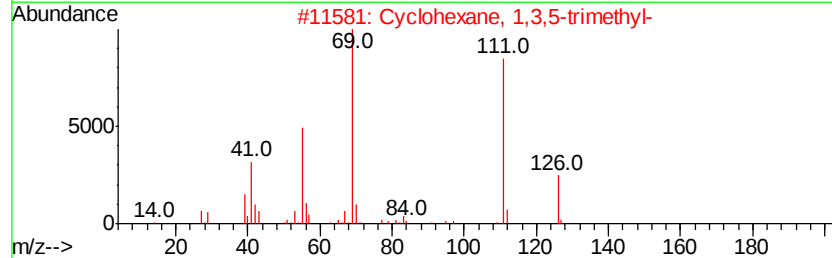
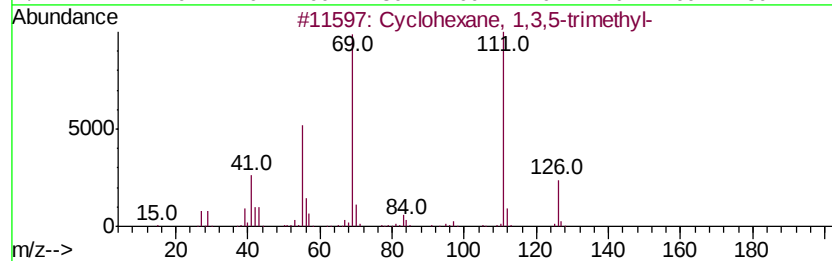
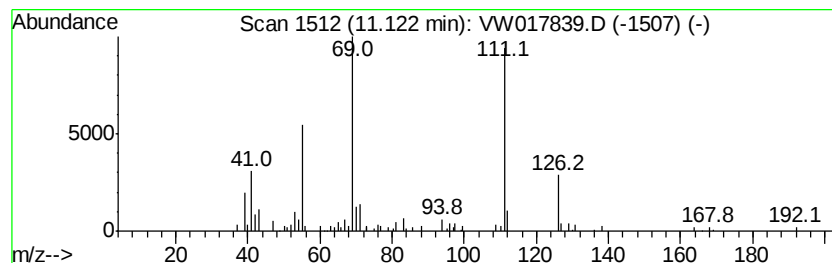
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic11.12 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	1.38 ug/L	35610	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
4			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
5			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

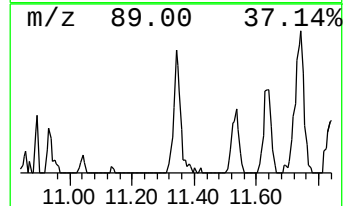
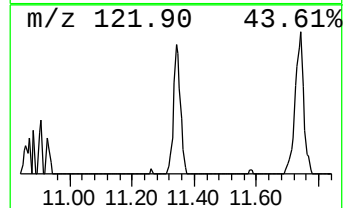
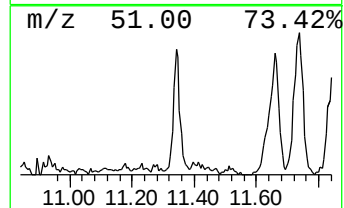
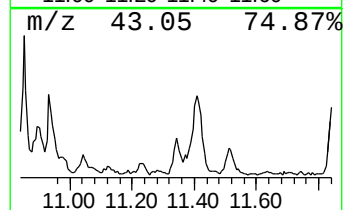
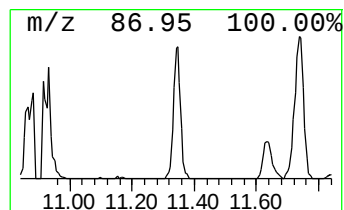
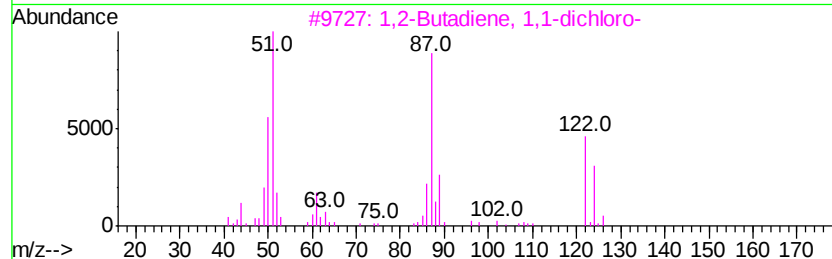
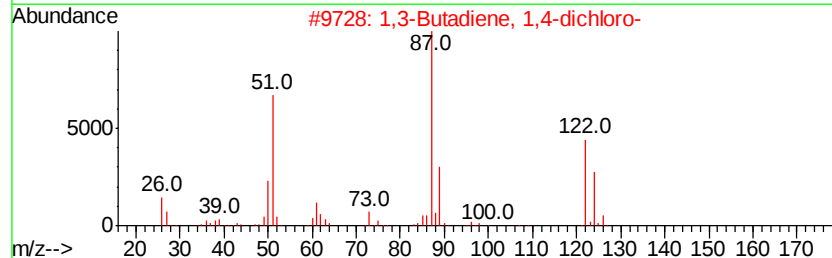
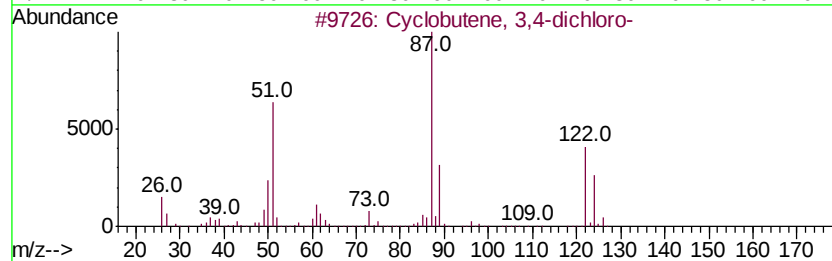
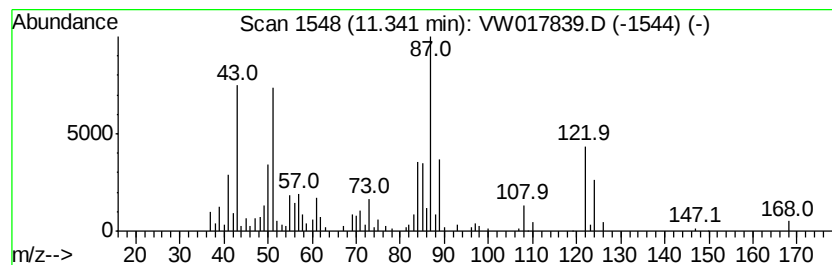
Instrument :
MSVOA_W
ClientSampleId :
F1C02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cyclobutene, 3,4-dichloro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.34	1.94 ug/L	50162	Chlorobenzene-d5		11.63	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutene, 3,4-dichloro-	122	C4H4Cl2	041326-64-1	93
2		1,3-Butadiene, 1,4-dichloro-	122	C4H4Cl2	002984-42-1	91
3		1,2-Butadiene, 1,1-dichloro-	122	C4H4Cl2	108562-61-4	87
4		Cyclobutene, 3,4-dichloro-	122	C4H4Cl2	041326-64-1	72
5		Cyclobutene, 3,4-dichloro-	122	C4H4Cl2	041326-64-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

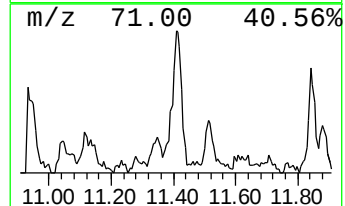
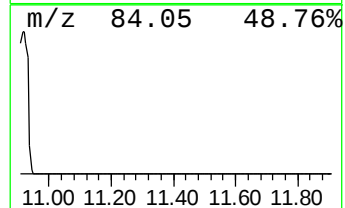
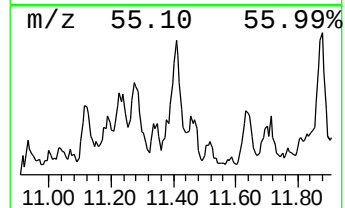
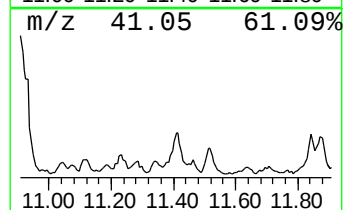
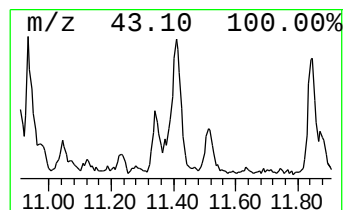
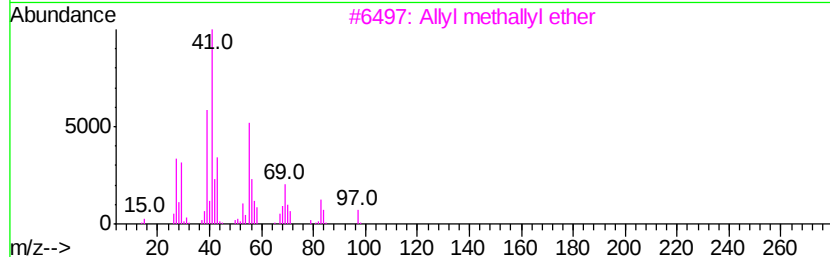
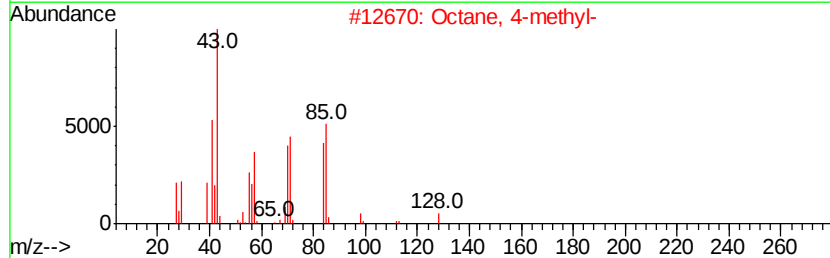
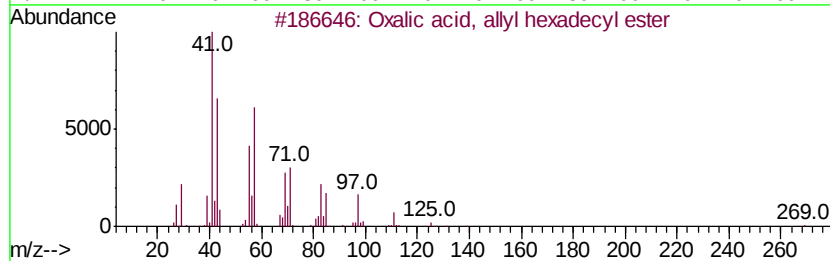
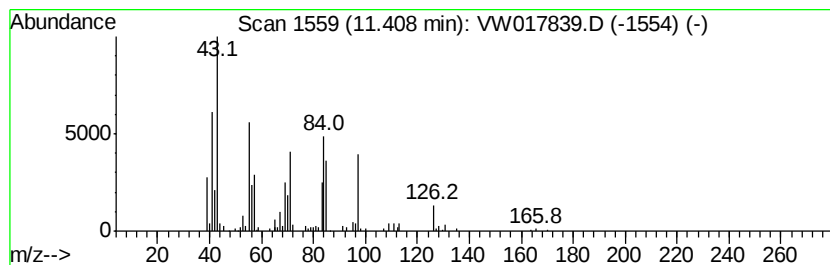
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Oxalic acid, allyl hexadecyl... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.70 ug/L	69635	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	50
2			Octane, 4-methyl-	128	C9H20	002216-34-4	38
3			Allyl methyl ether	112	C7H12O	014289-96-4	35
4			Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	27
5			Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

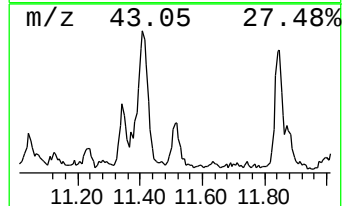
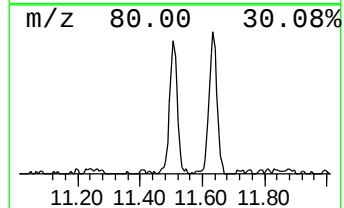
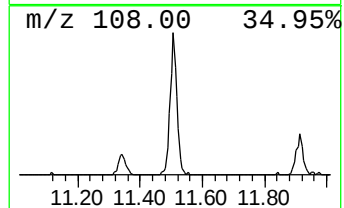
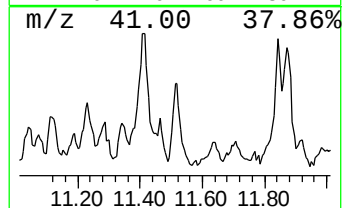
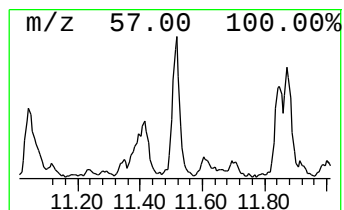
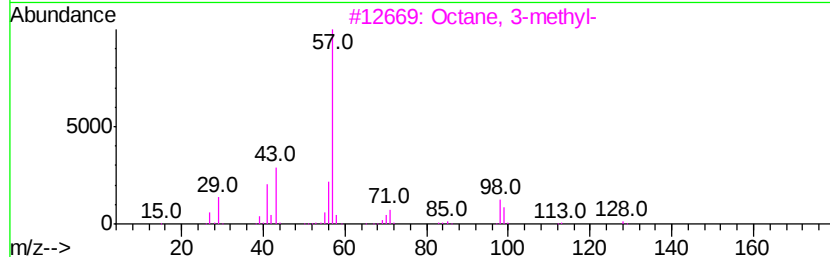
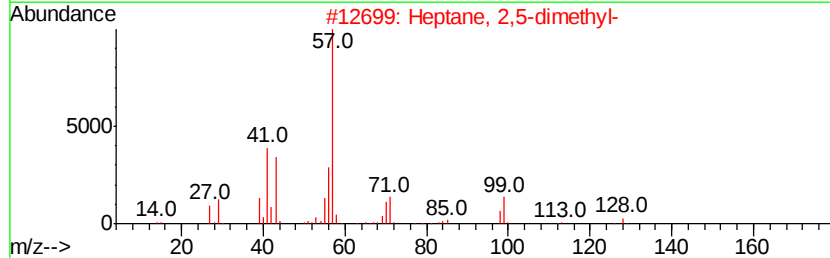
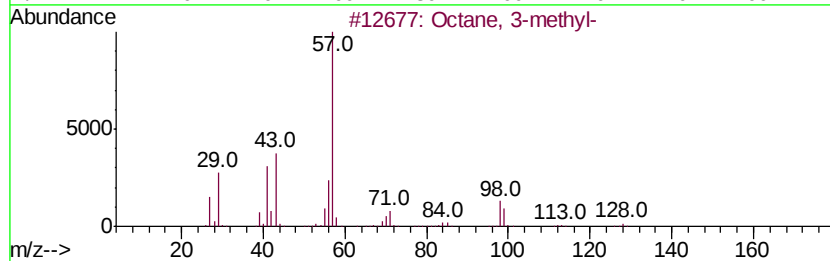
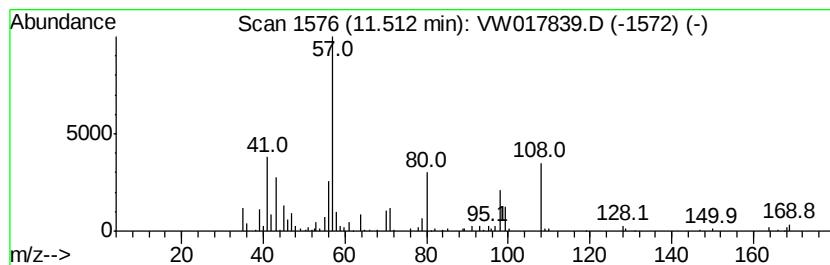
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.81 ug/L	72472	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	43
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
3		Octane, 3-methyl-	128	C9H20	002216-33-3	25
4		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	22
5		Octane, 3-methyl-	128	C9H20	002216-33-3	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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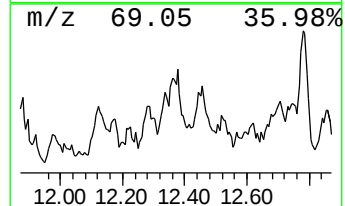
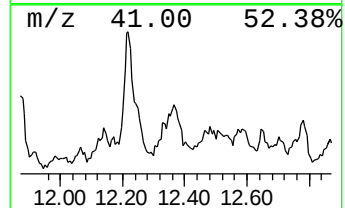
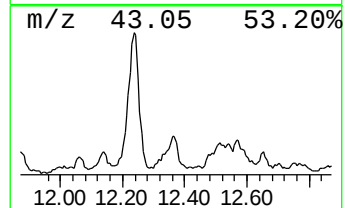
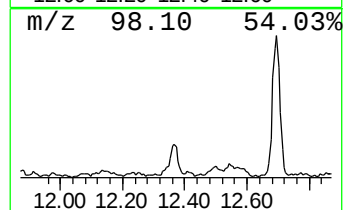
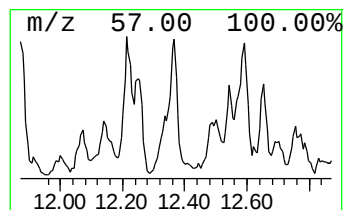
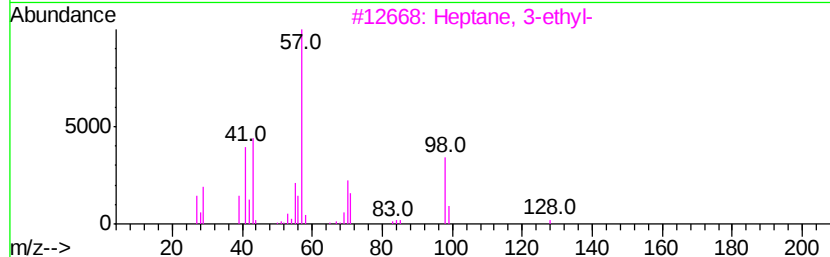
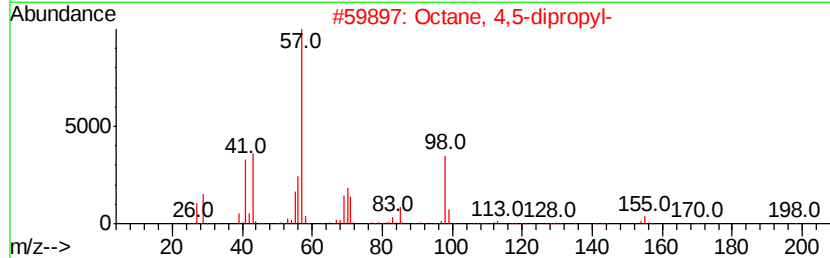
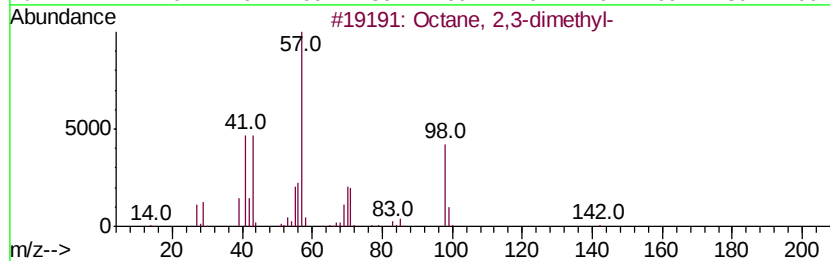
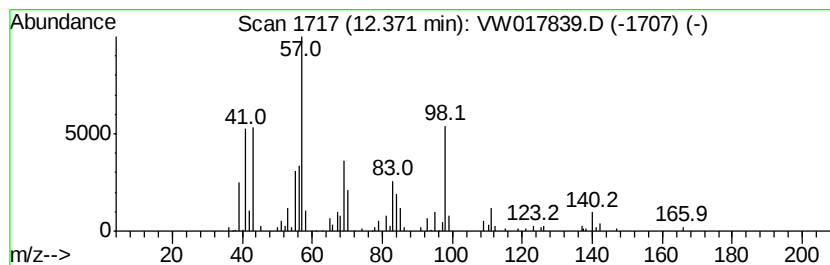
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.22 ug/L	83116	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	59
3			Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

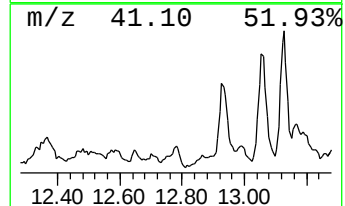
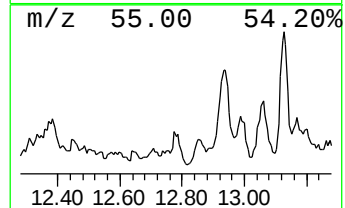
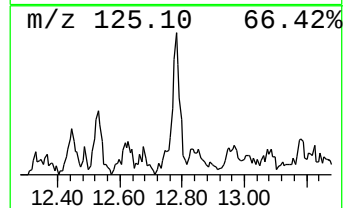
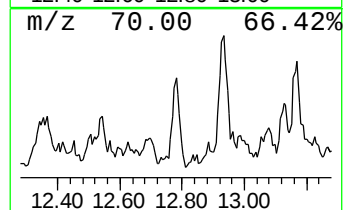
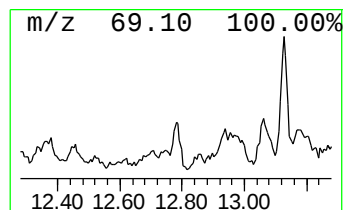
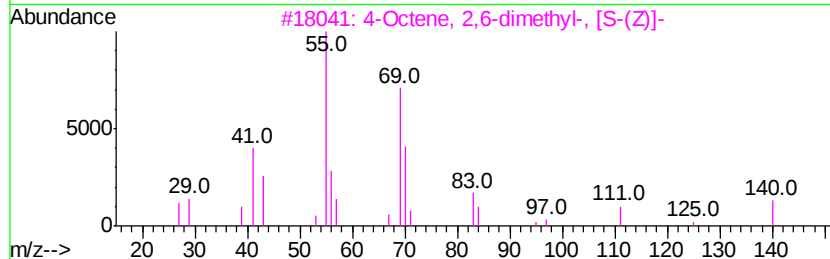
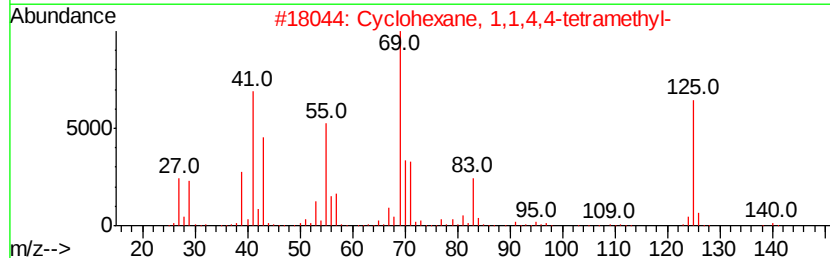
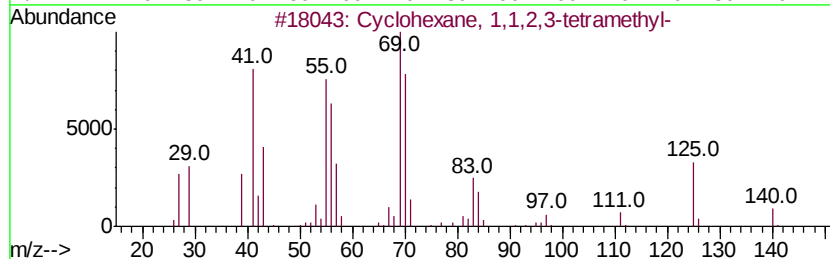
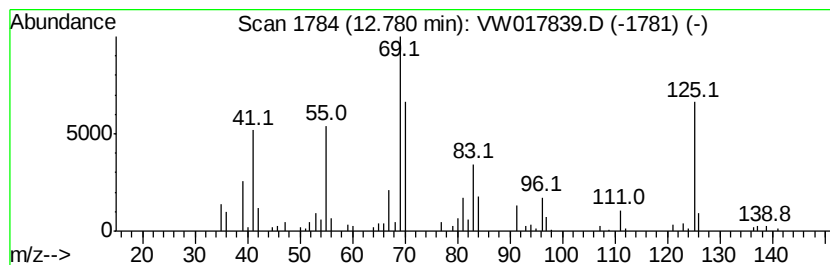
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.27 ug/L	39390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	56
2		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	53
3		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	47
4		1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	47
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

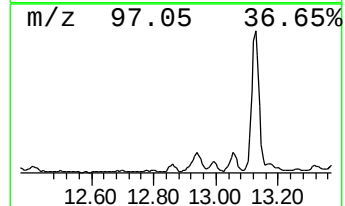
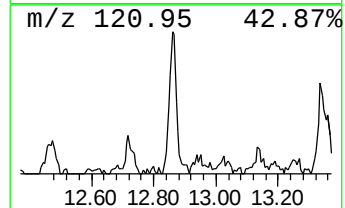
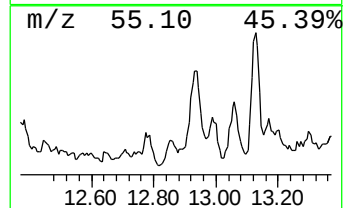
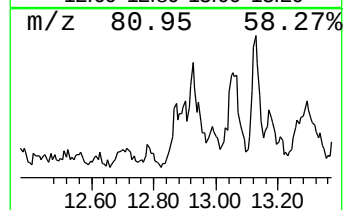
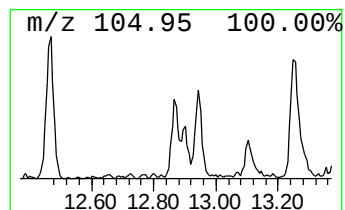
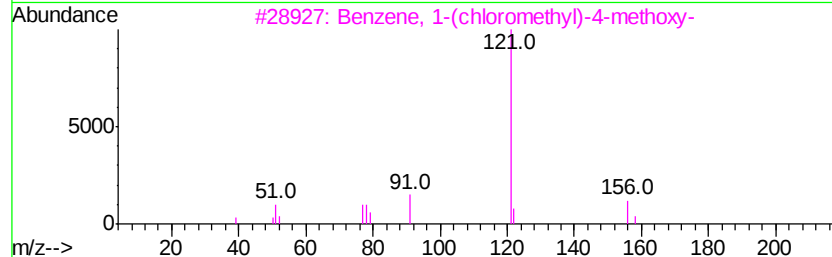
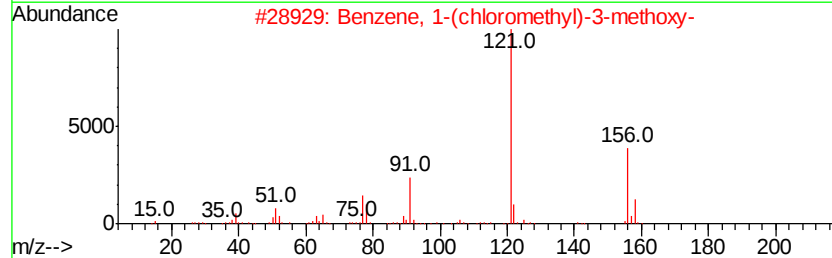
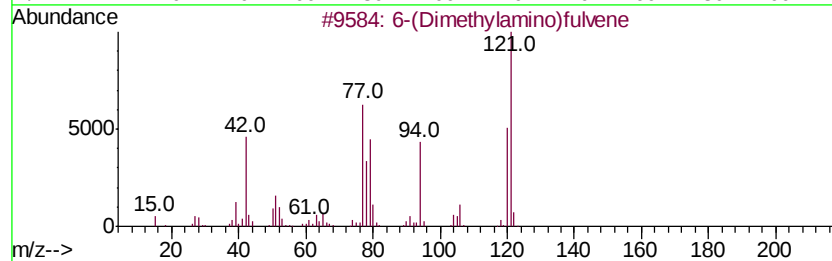
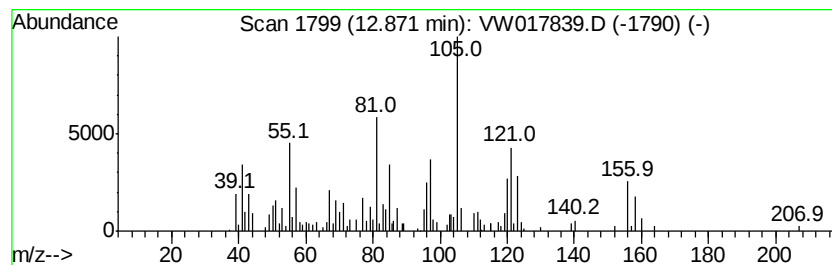
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.37 ug/L	73183	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-(Dimethylamino)fulvene	121	C8H11N	000696-68-4	35
2			Benzene, 1-(chloromethyl)-3-meth...	156	C8H9ClO	000824-98-6	25
3			Benzene, 1-(chloromethyl)-4-meth...	156	C8H9ClO	000824-94-2	22
4			Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	20
5			Benzenamine, 2,5-dimethyl-	121	C8H11N	000095-78-3	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

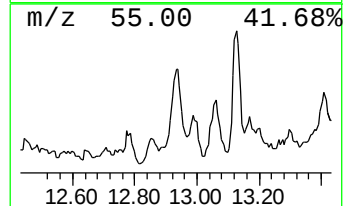
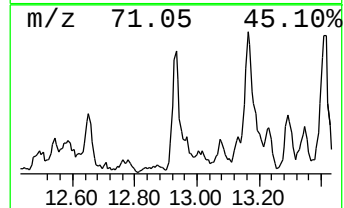
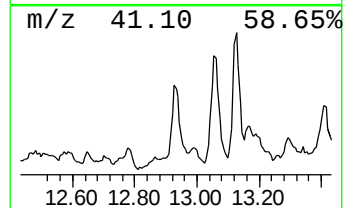
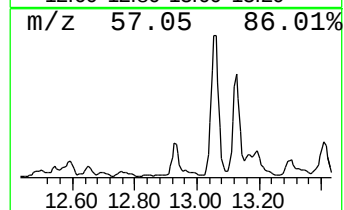
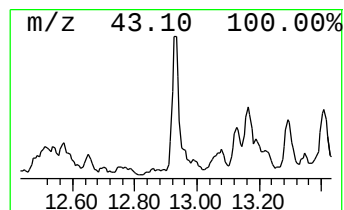
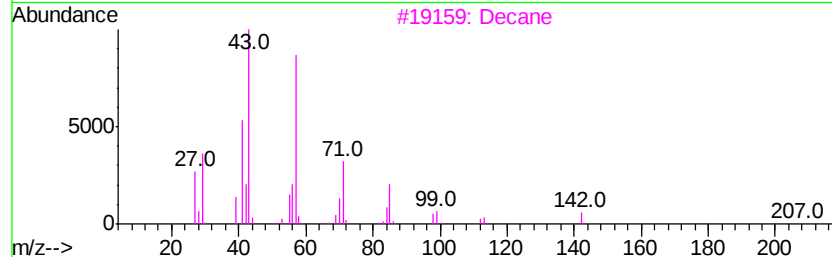
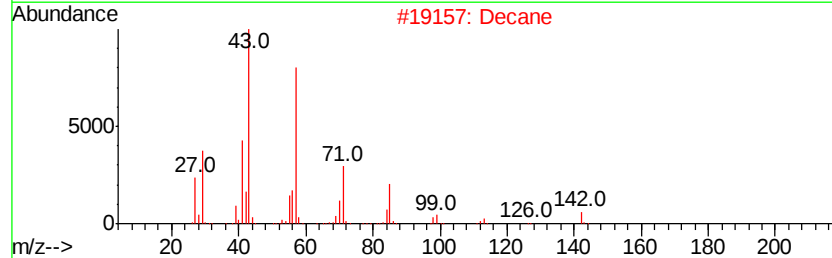
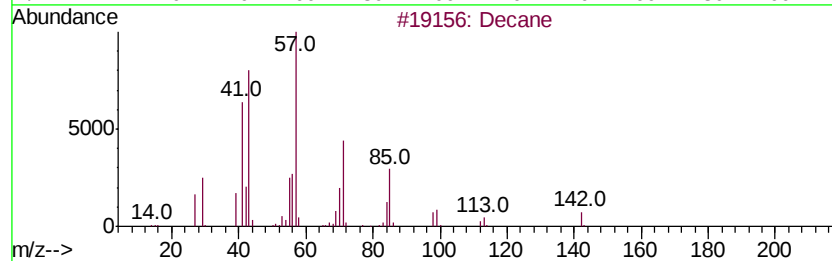
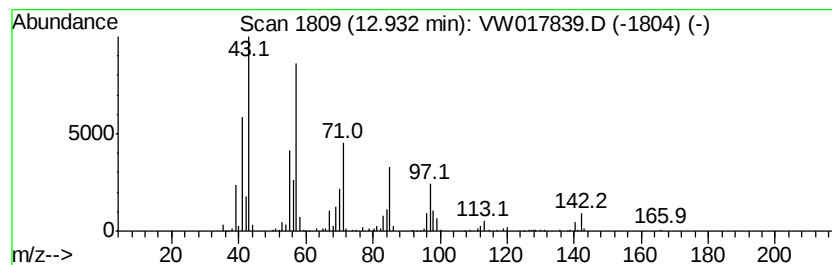
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.99 ug/L	154185	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	93
3		Decane	142	C10H22	000124-18-5	81
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	80
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

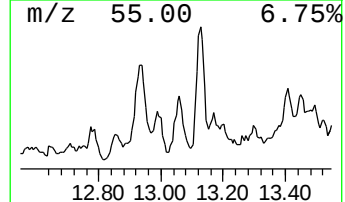
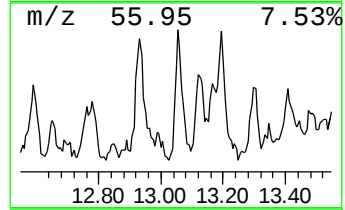
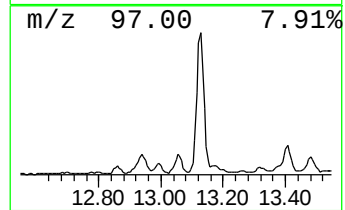
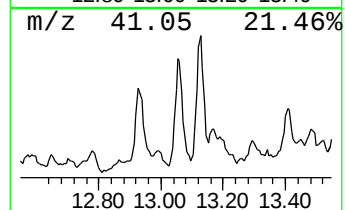
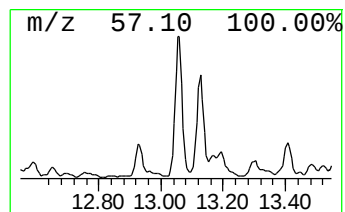
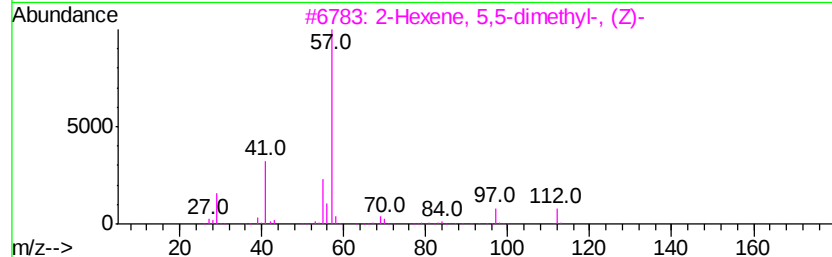
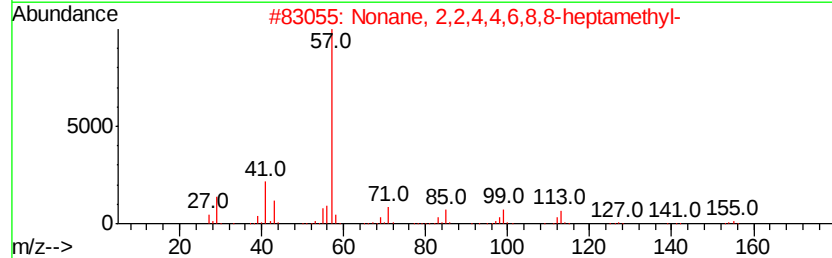
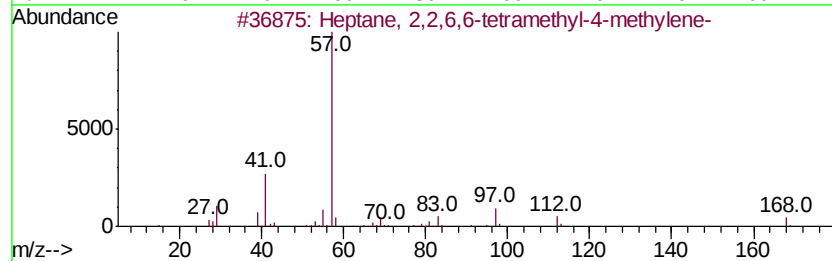
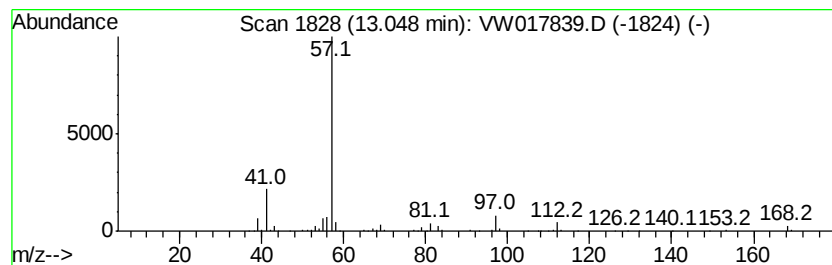
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.34 ug/L	196002	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	90
2		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	64
3		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	59
4		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
5		4-Decene, 2,2-dimethyl-, (Z)-	168	C12H24	055499-03-1	39



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

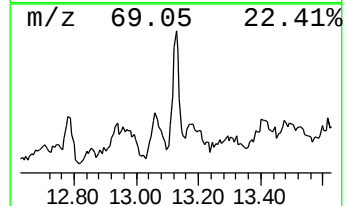
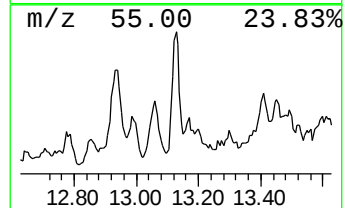
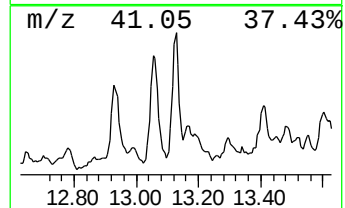
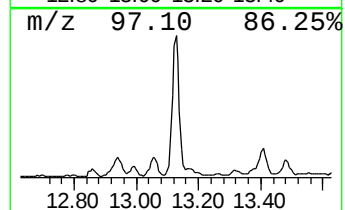
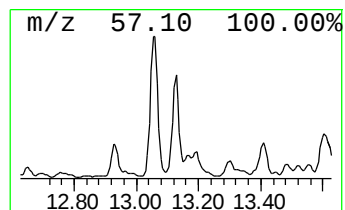
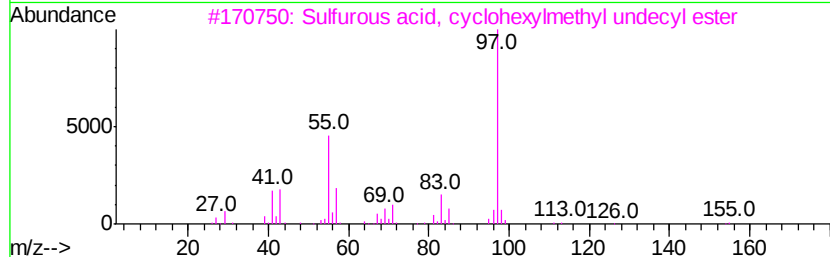
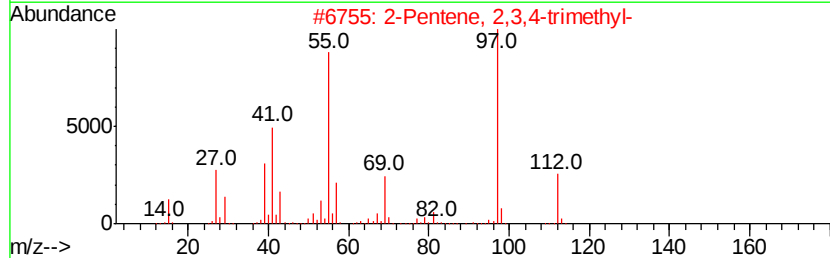
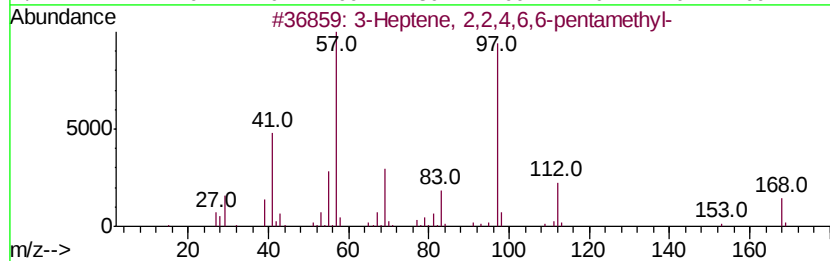
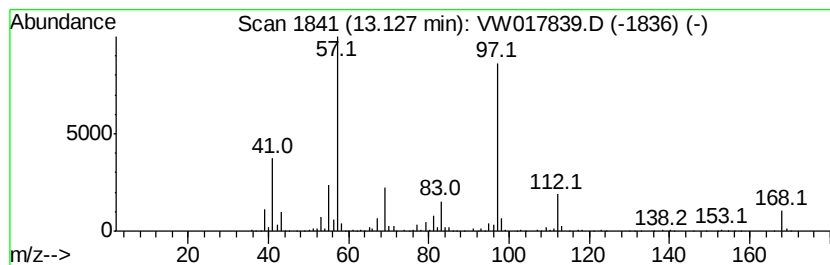
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	8.57 ug/L	265013	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	86
2	2		Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	64
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
4			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59
5			Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017839.D
 Acq On : 12 Jan 2021 16:39
 Operator : SY/VA
 Sample : M1099-02
 Misc : 2.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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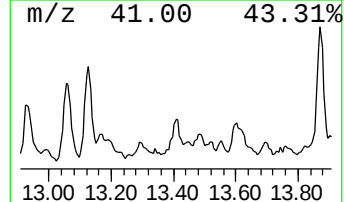
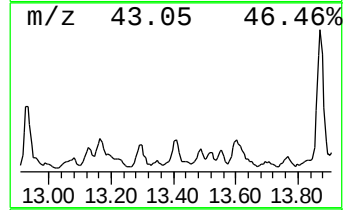
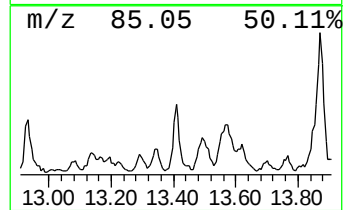
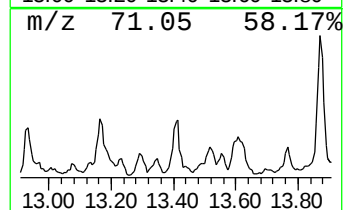
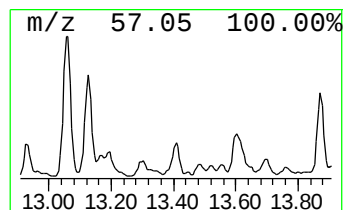
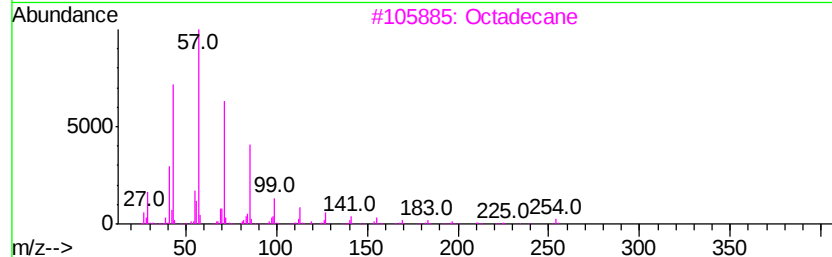
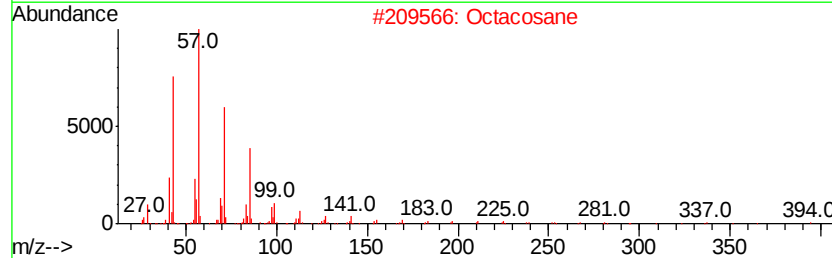
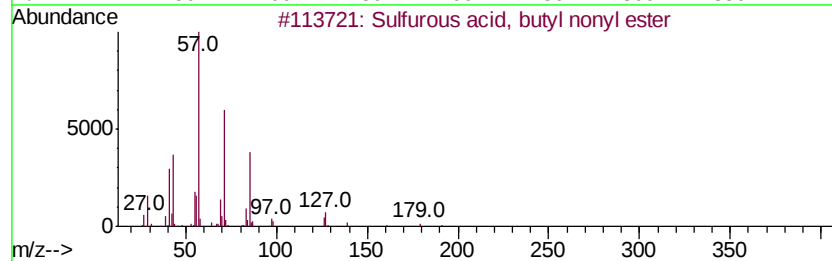
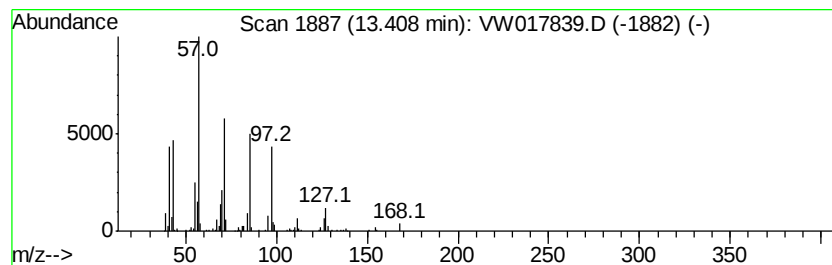
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 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 24 Sulfurous acid, butyl nonyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.95 ug/L	91363	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
2		Octacosane	394	C28H58	000630-02-4	50
3		Octadecane	254	C18H38	000593-45-3	47
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
5		Tetradecane	198	C14H30	000629-59-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

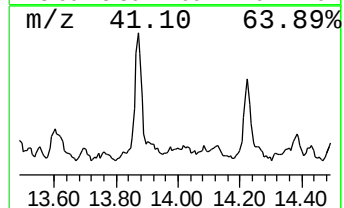
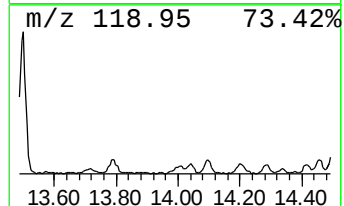
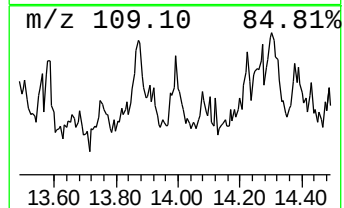
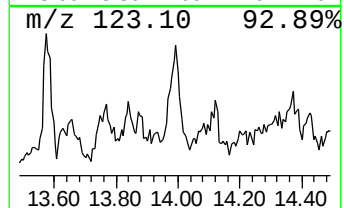
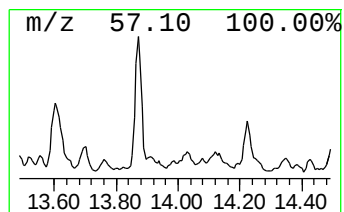
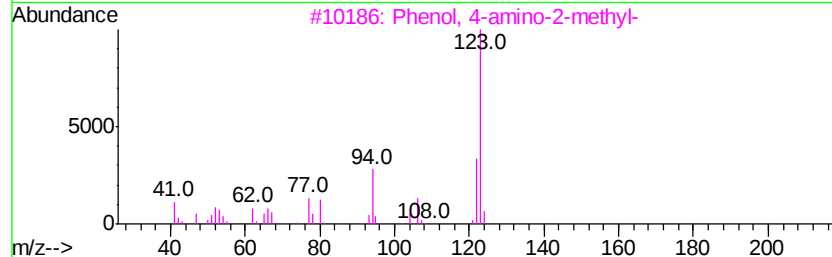
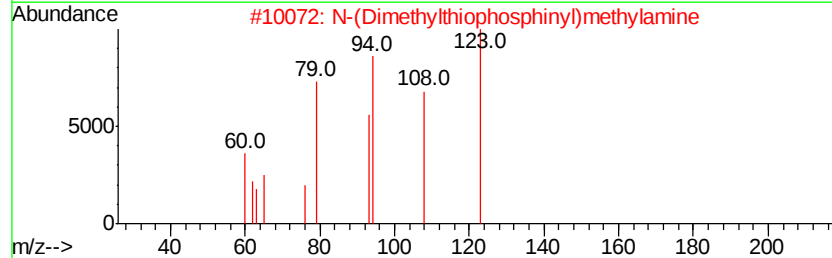
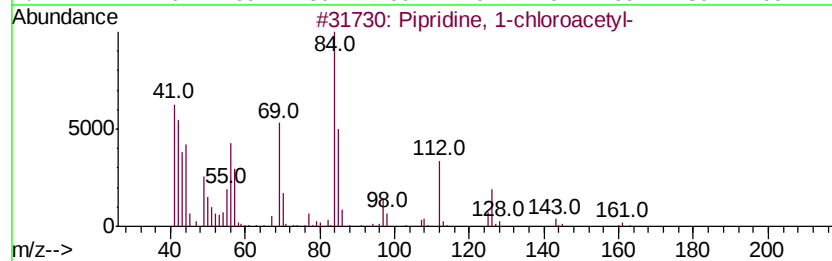
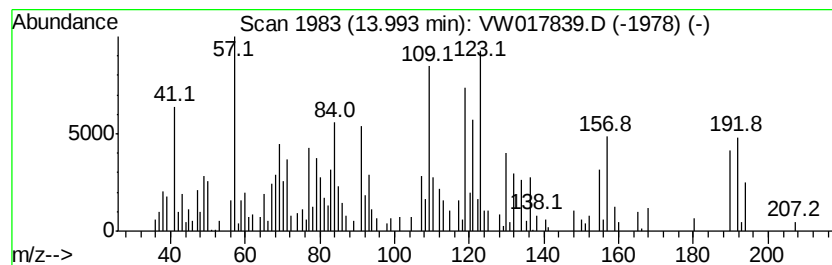
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MSVOA_W
ClientSampleId :
F1C02

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.37 ug/L	73254	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pipridine, 1-chloroacetyl-	161	C7H12ClNO	001440-60-4 23
2	N-(Dimethylthiophosphinyl)methyl...	123	C3H10NPS	042452-13-1 12
3	Phenol, 4-amino-2-methyl-	123	C7H9NO	002835-96-3 10
4	Butanoic acid, 3-oxo-, 2,2,2-tri...	232	C6H7Cl3O3	058547-15-2 10
5	Pyrrolidine, 1-methyl-	85	C5H11N	000120-94-5 9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F1C02

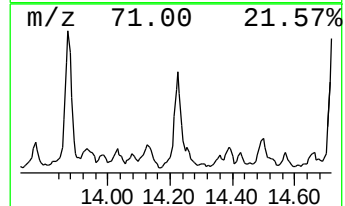
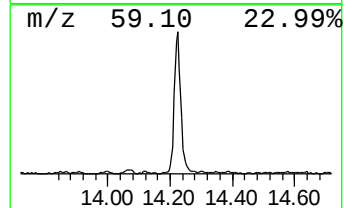
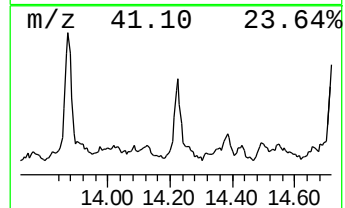
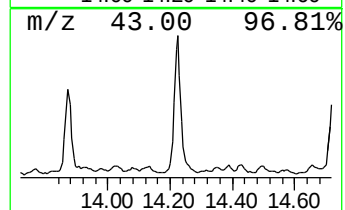
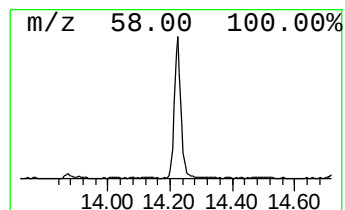
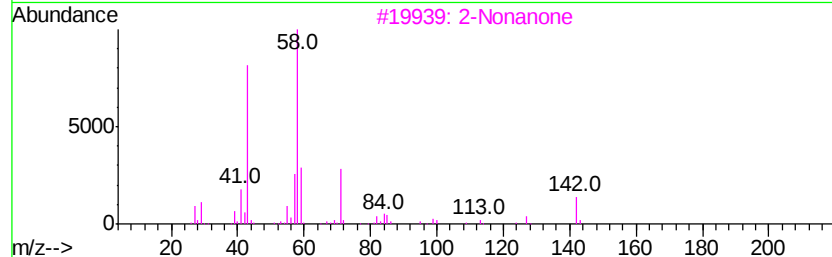
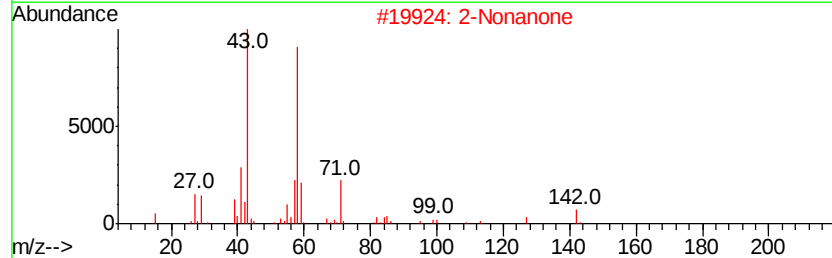
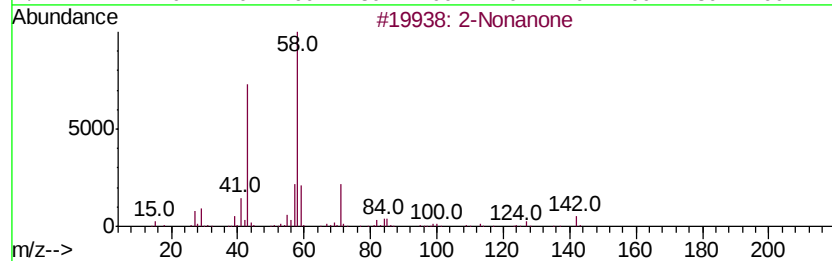
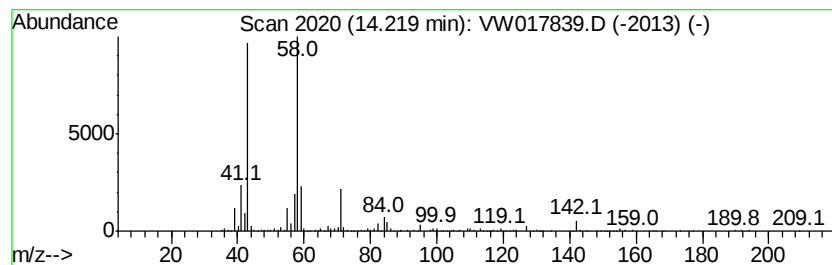
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 2-Nonanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	11.14 ug/L	344395	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonanone	142	C9H18O	000821-55-6	97
2		2-Nonanone	142	C9H18O	000821-55-6	91
3		2-Nonanone	142	C9H18O	000821-55-6	90
4		2-Octanone	128	C8H16O	000111-13-7	72
5		2-Nonanone	142	C9H18O	000821-55-6	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

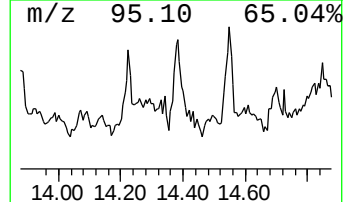
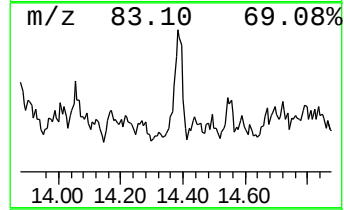
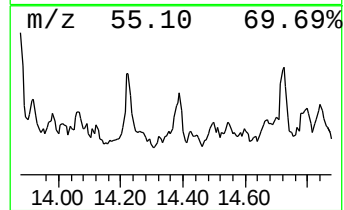
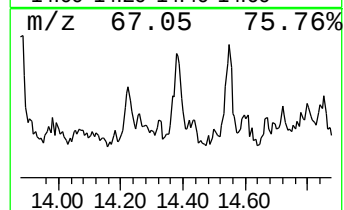
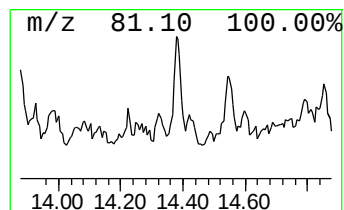
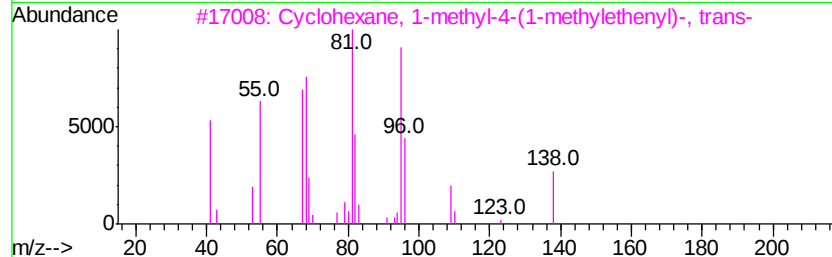
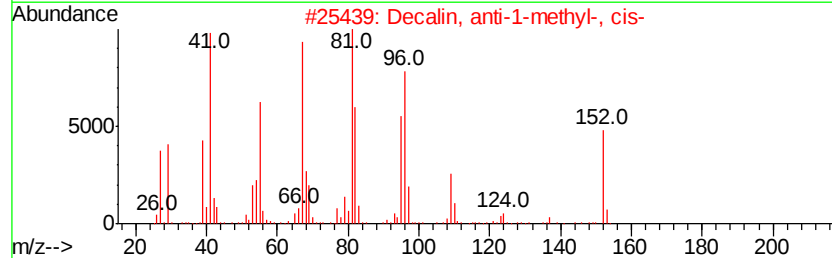
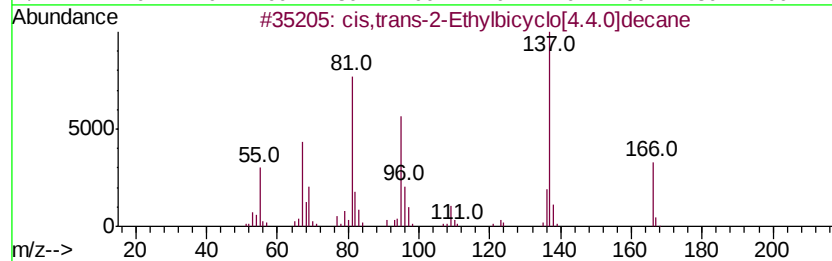
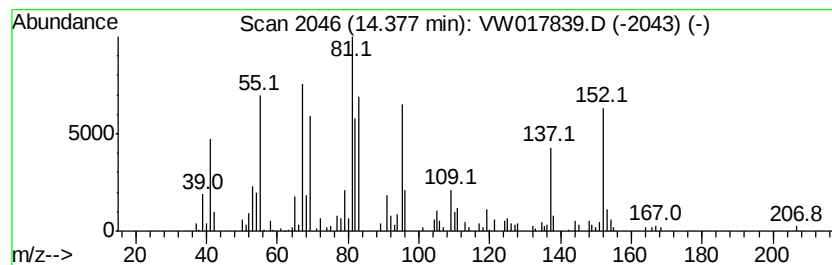
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 cis,trans-2-Ethylbicyclo[4.4.0]d... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.38	1.84 ug/L	56996	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	50
2		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	43
3		Cyclohexane, 1-methyl-4-(1-methv...	138	C10H18	001124-25-0	41
4		4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	41
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

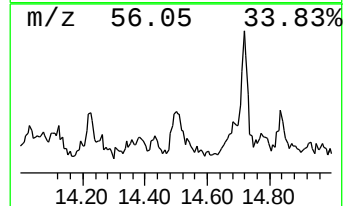
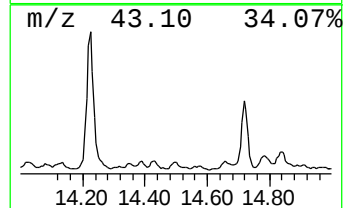
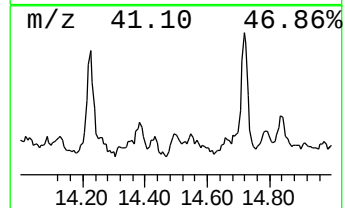
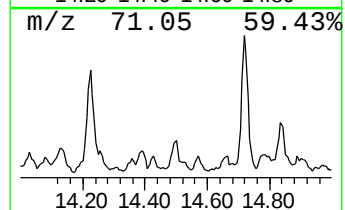
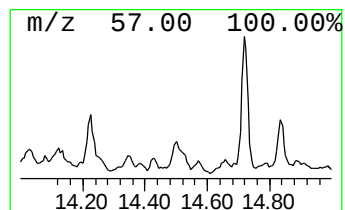
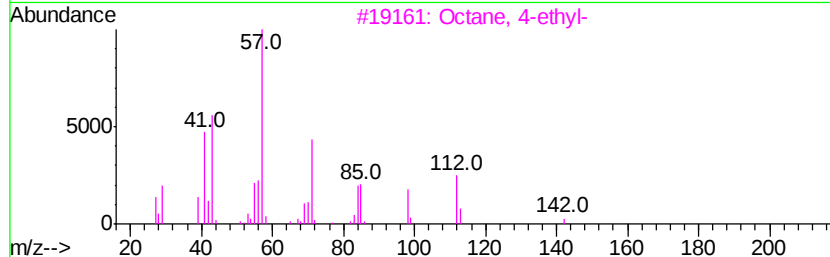
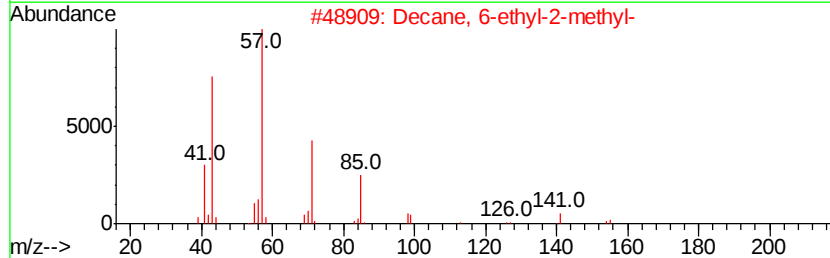
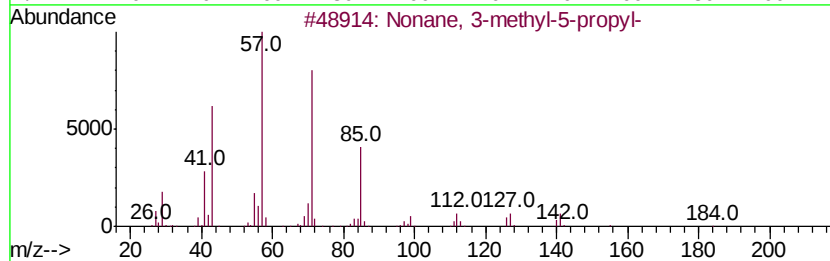
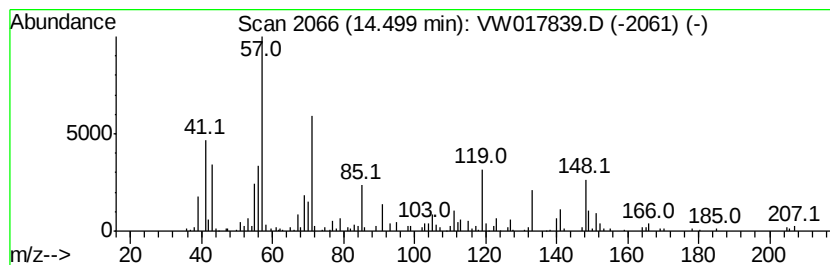
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.17 ug/L	67018	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	35
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

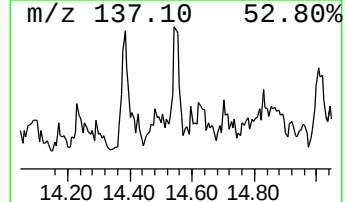
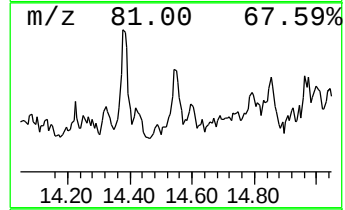
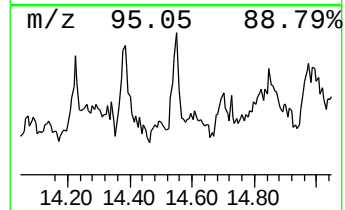
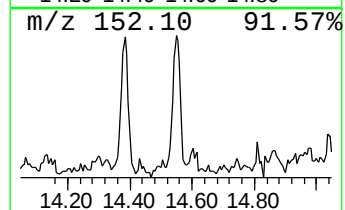
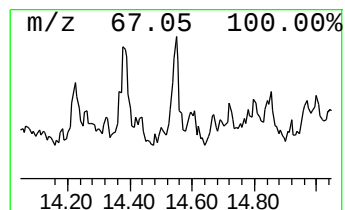
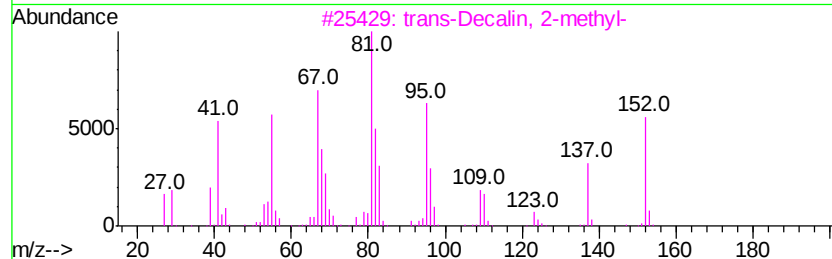
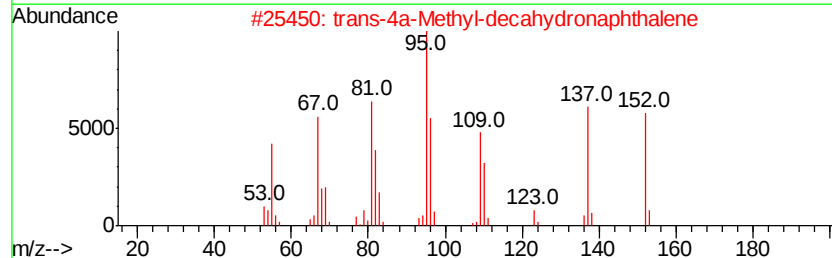
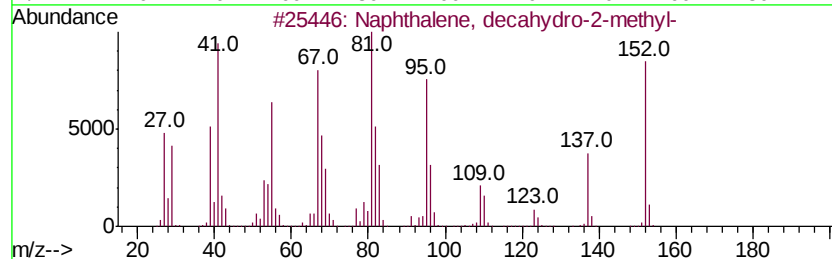
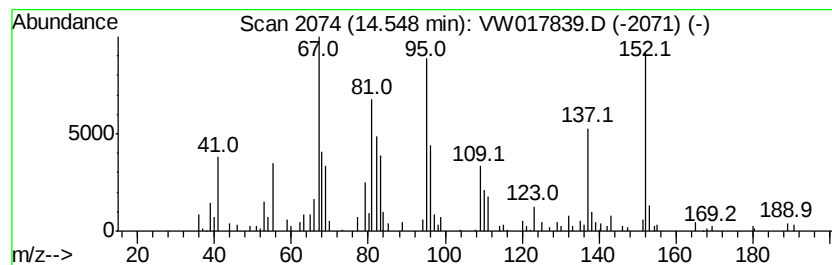
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphthalene, decahydro-2-me... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	1.29 ug/L	39832	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	70
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

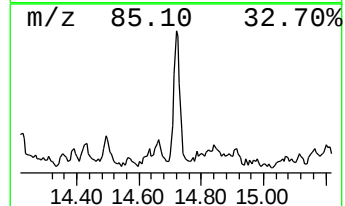
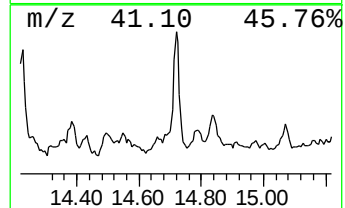
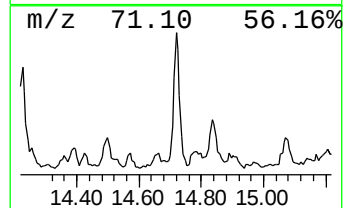
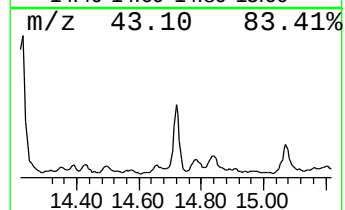
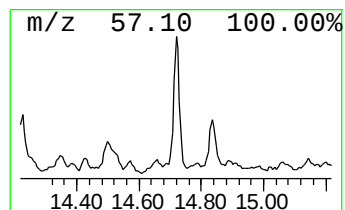
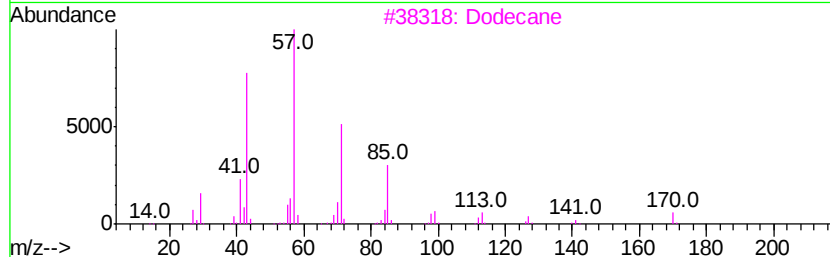
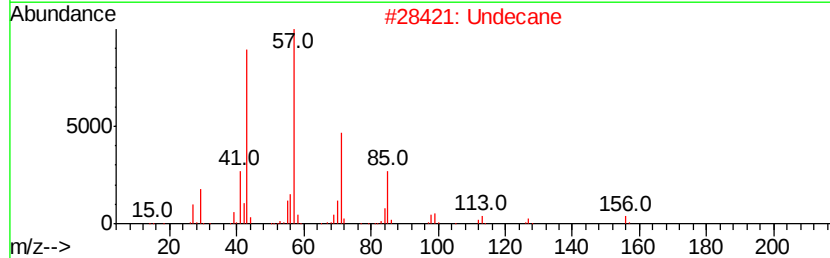
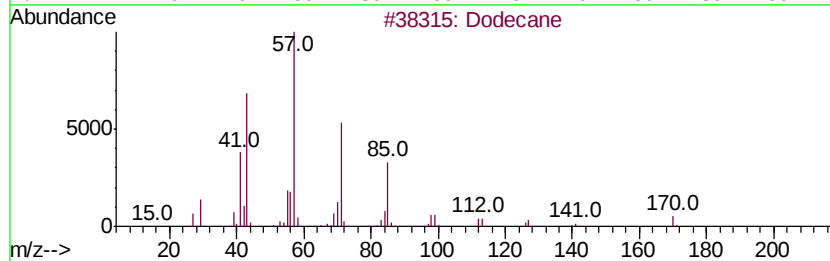
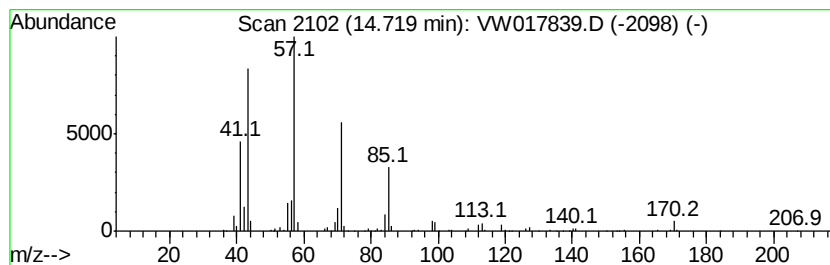
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	6.58 ug/L	203554	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Undecane	156	C11H24	001120-21-4	90
3		Dodecane	170	C12H26	000112-40-3	87
4		Undecane	156	C11H24	001120-21-4	80
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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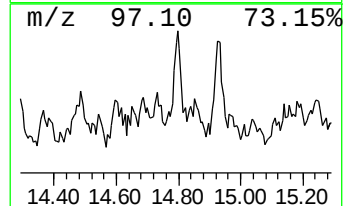
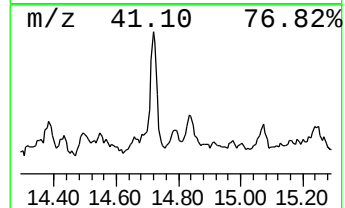
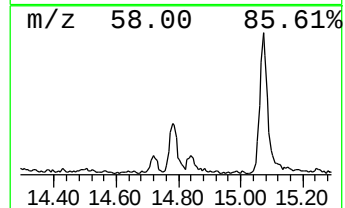
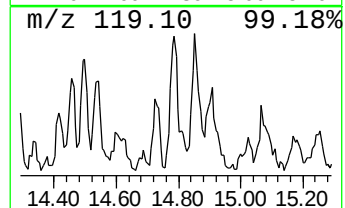
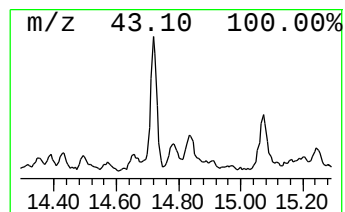
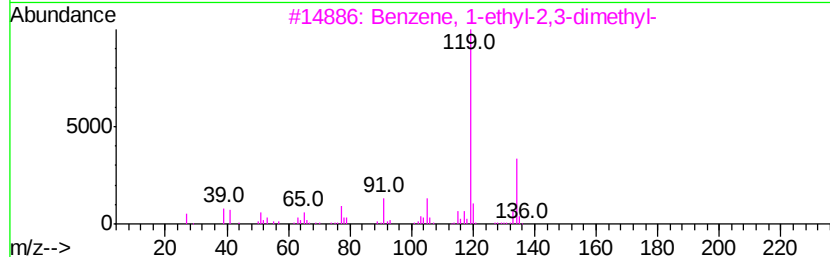
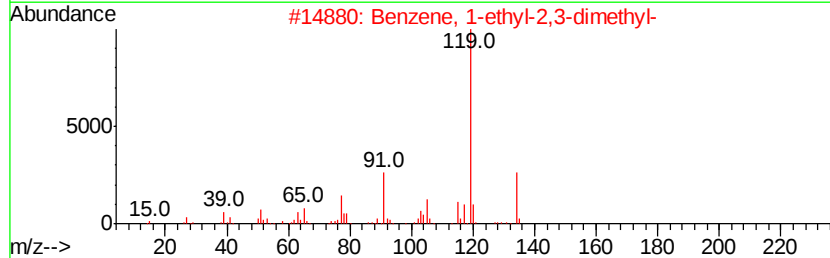
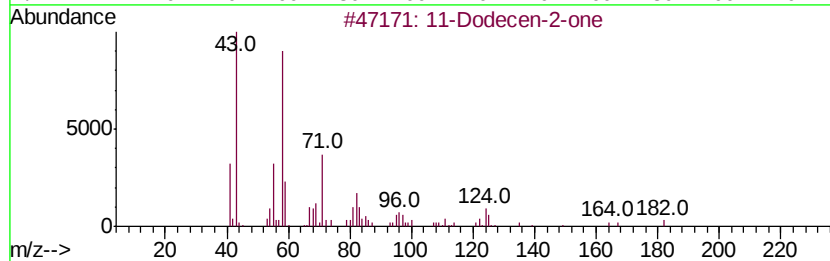
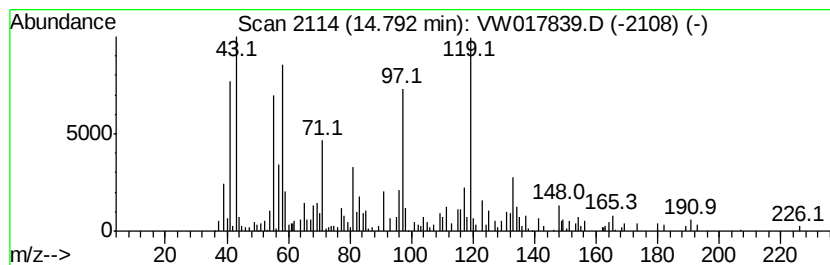
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.63 ug/L	81465	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Dodecen-2-one	182	C12H22O	005009-33-6	45
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35
5			Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

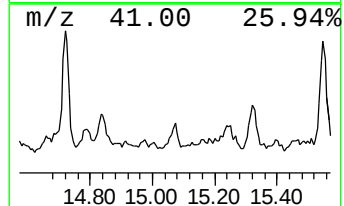
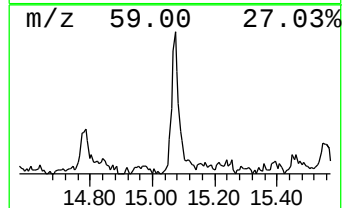
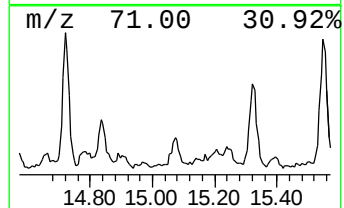
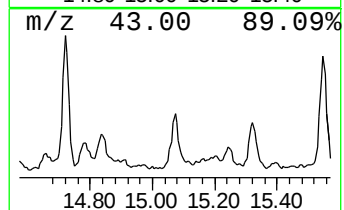
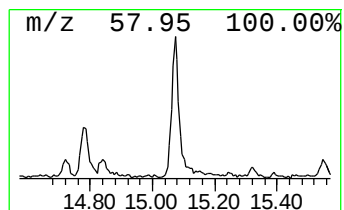
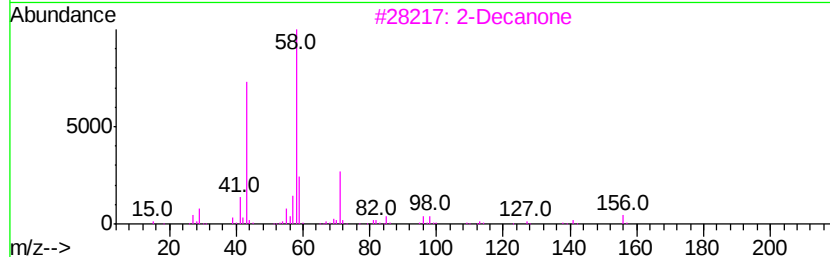
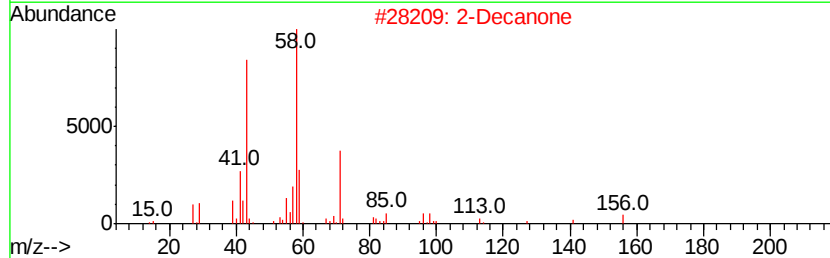
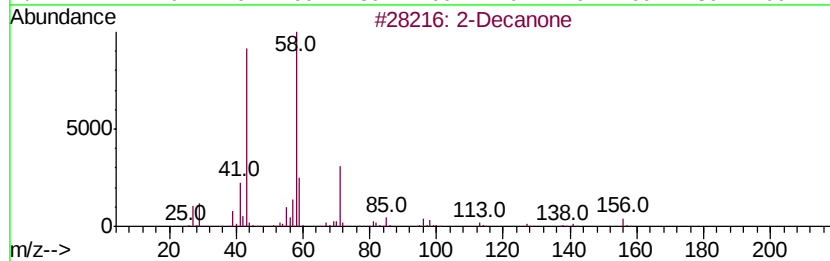
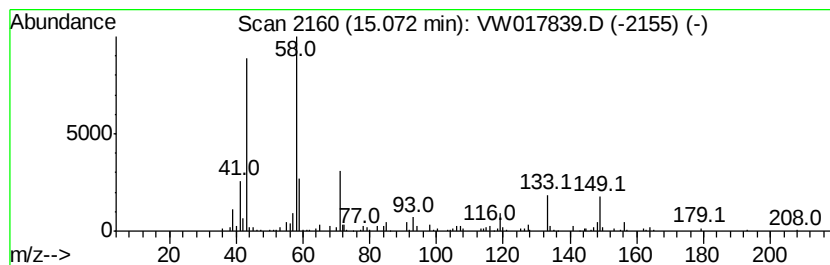
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 2-Decanone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.53 ug/L	78331	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Decanone	156	C10H20O	000693-54-9	76
2		2-Decanone	156	C10H20O	000693-54-9	68
3		2-Decanone	156	C10H20O	000693-54-9	68
4		Carbonic acid, 2-dimethylaminoet...	203	C10H21NO3	1000331-43-1	47
5		1-Propene, 2-(1-methylethoxy)	100	C6H12O	004188-63-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

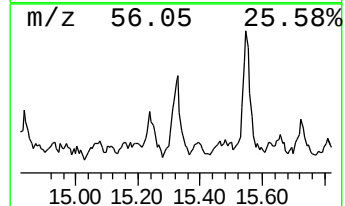
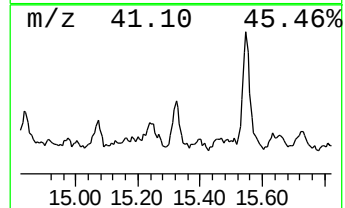
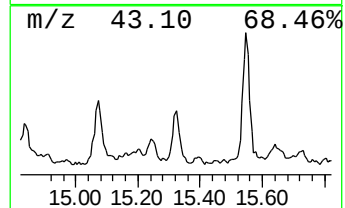
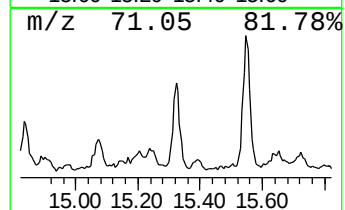
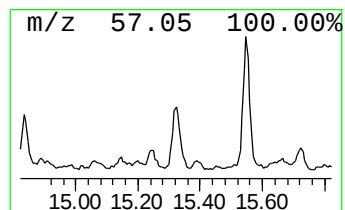
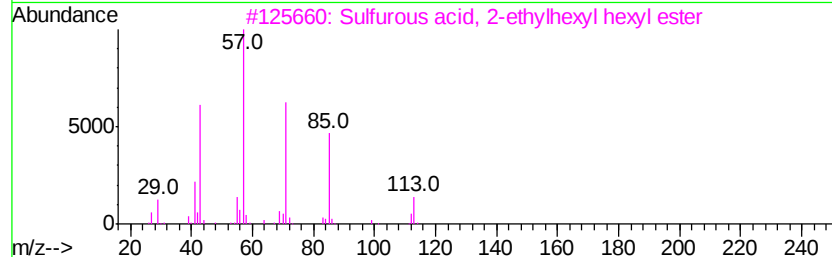
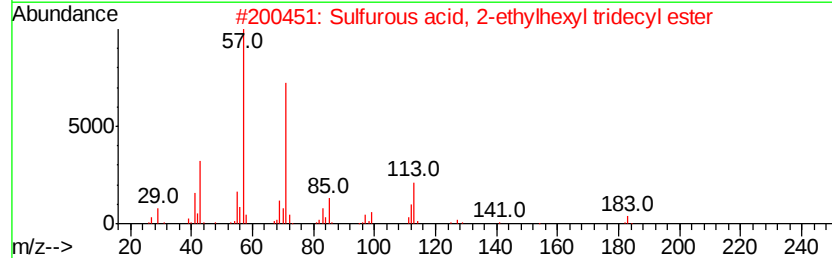
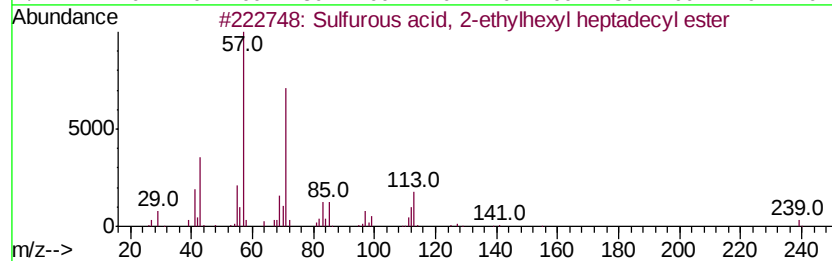
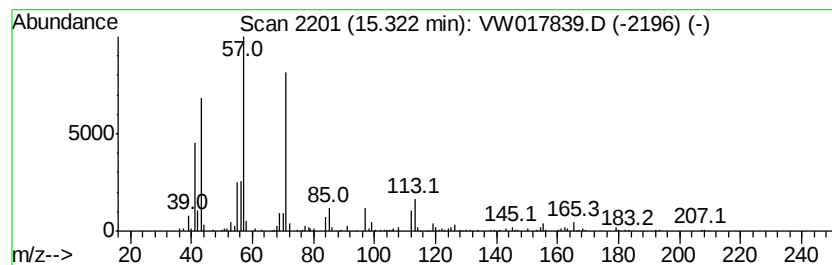
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Sulfurous acid, 2-ethylhexy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.42 ug/L	105666	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
2		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
4		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	52
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

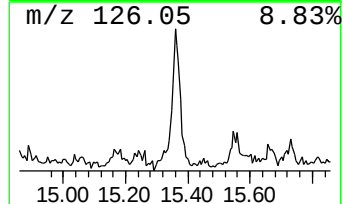
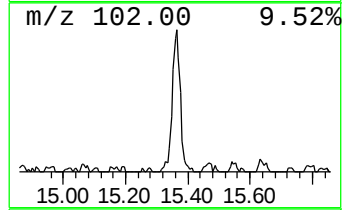
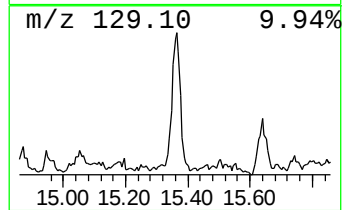
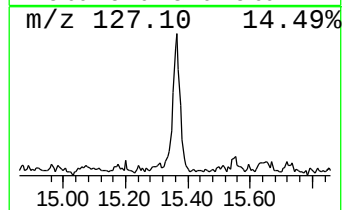
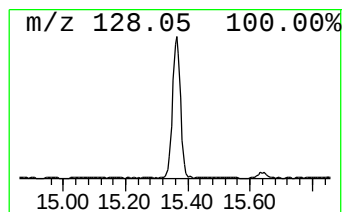
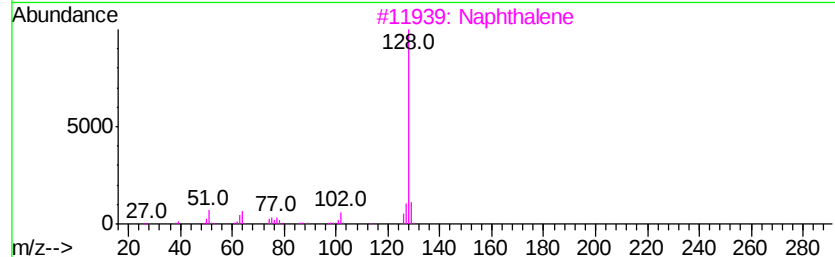
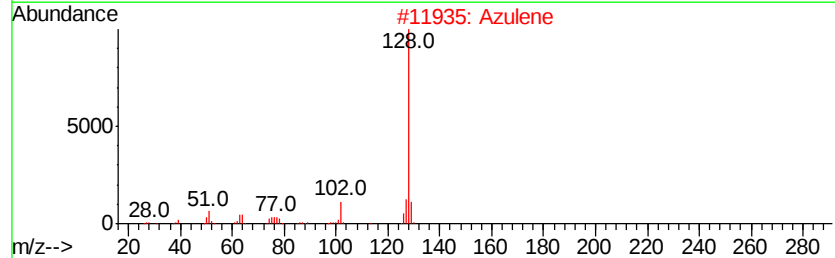
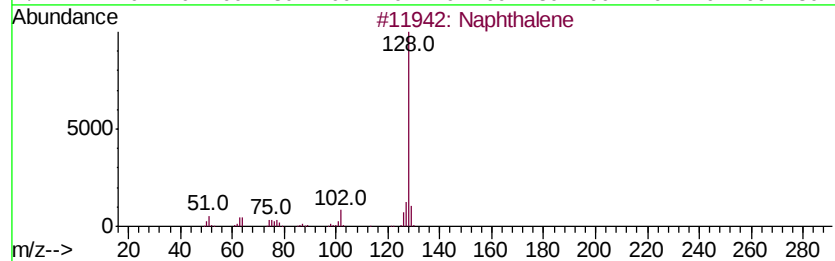
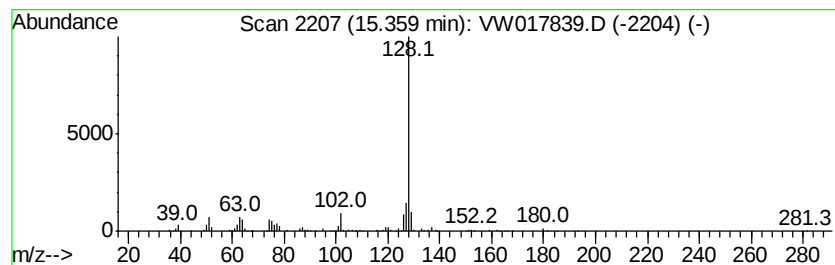
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.08 ug/L	157095	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene	128	C10H8	000091-20-3	94
2		Azulene	128	C10H8	000275-51-4	93
3		Naphthalene	128	C10H8	000091-20-3	91
4		Azulene	128	C10H8	000275-51-4	90
5		Naphthalene	128	C10H8	000091-20-3	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

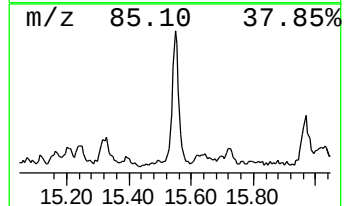
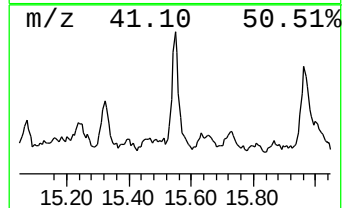
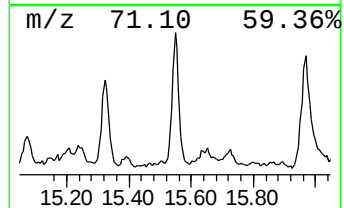
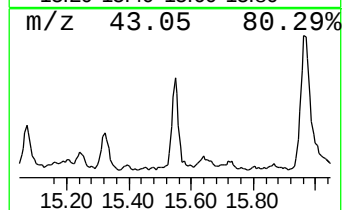
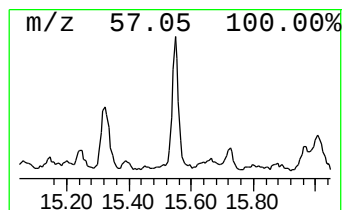
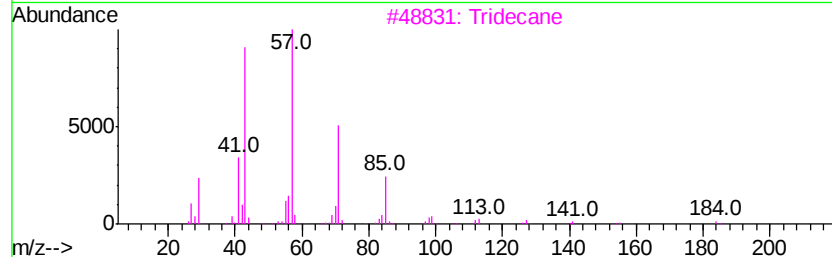
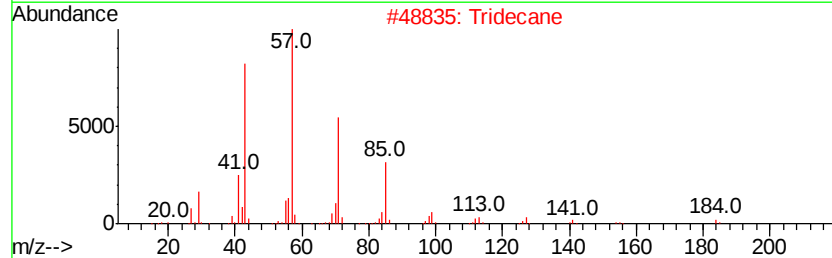
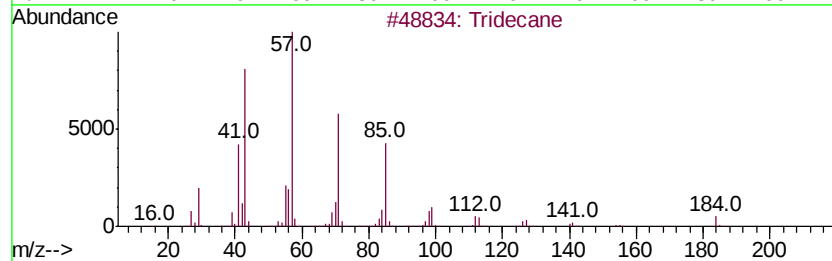
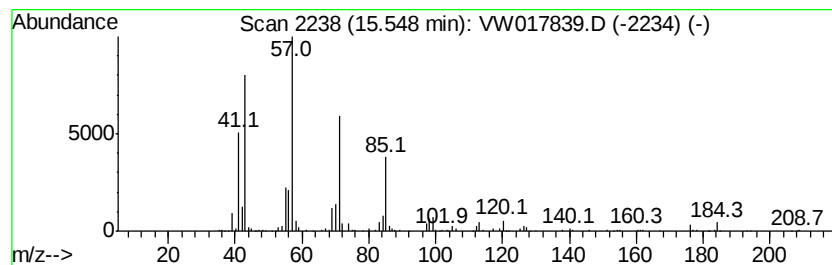
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	7.49 ug/L	231604	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tridecane	184	C13H28	000629-50-5	87
3			Tridecane	184	C13H28	000629-50-5	87
4			Tridecane	184	C13H28	000629-50-5	87
5			Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017839.D
 Acq On : 12 Jan 2021 16:39
 Operator : SY/VA
 Sample : M1099-02
 Misc : 2.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C02

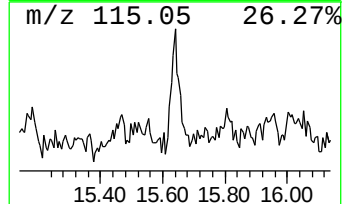
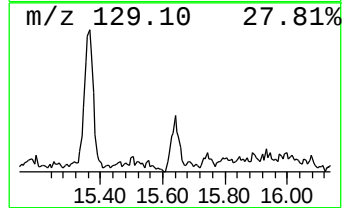
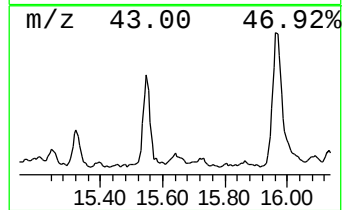
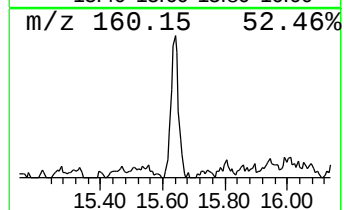
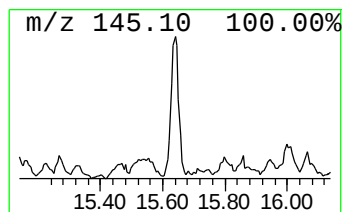
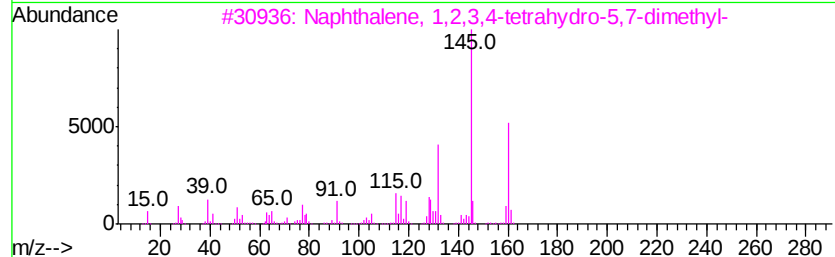
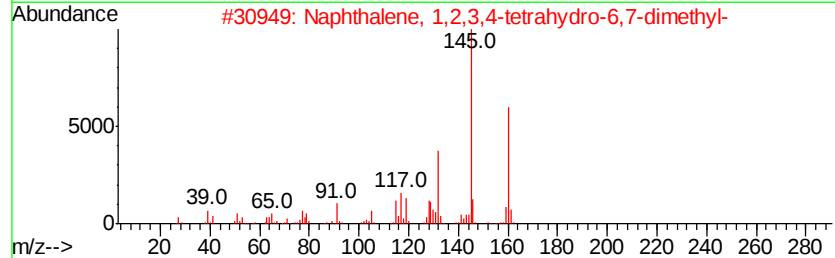
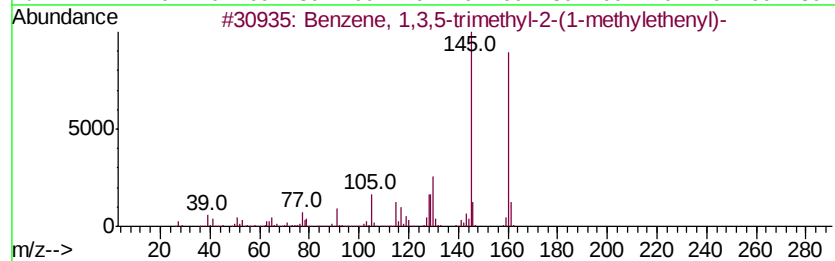
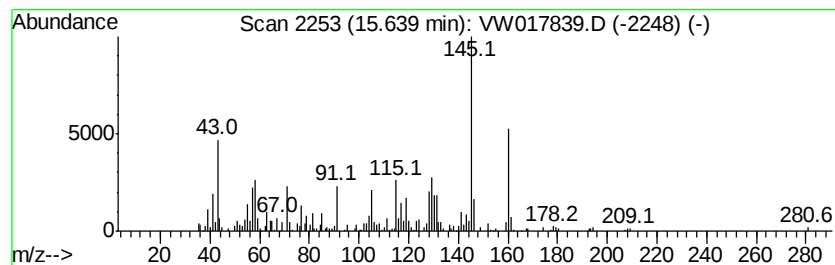
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 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 36 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.73 ug/L	115199	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	81
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	81
4		Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	81
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

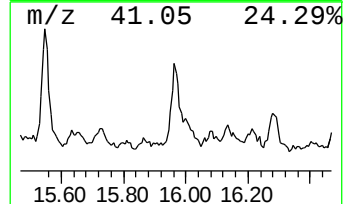
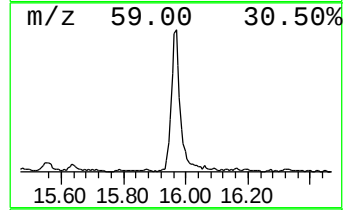
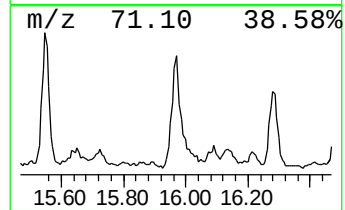
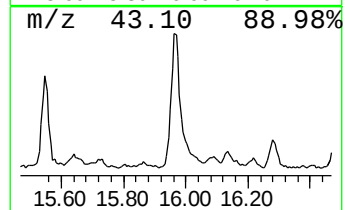
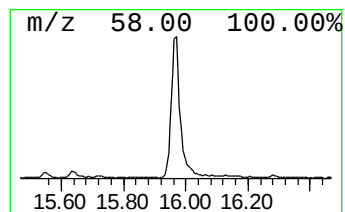
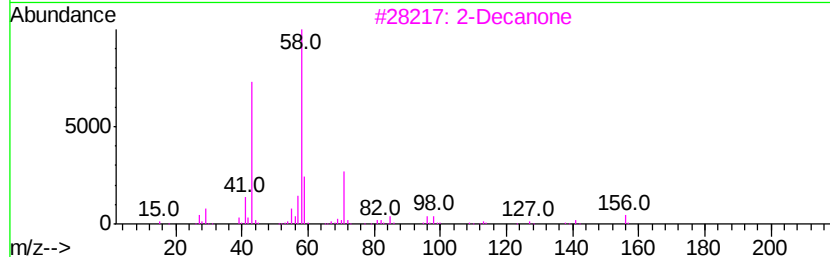
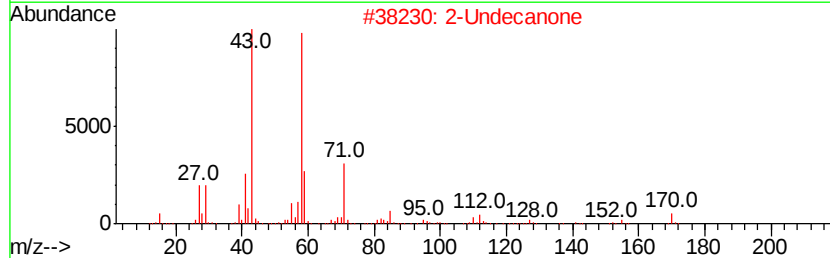
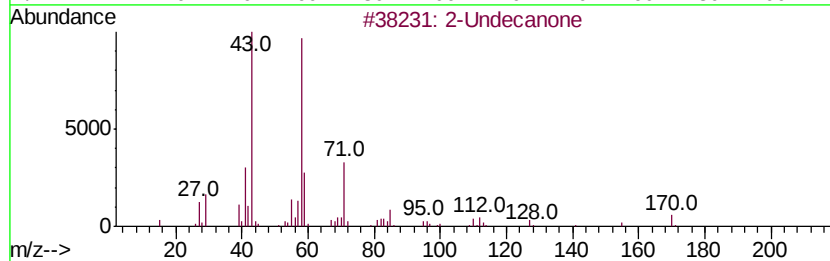
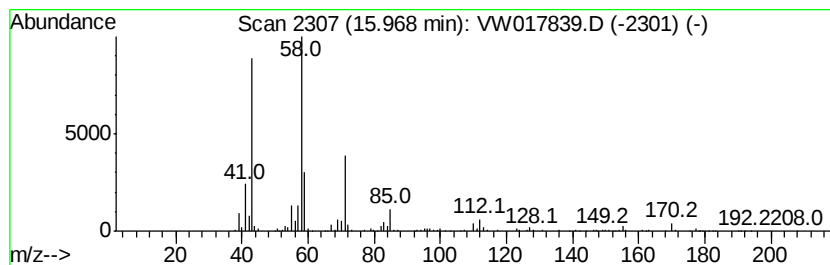
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 2-Undecanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	11.28 ug/L	348885	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Undecanone	170	C11H22O	000112-12-9	91
2		2-Undecanone	170	C11H22O	000112-12-9	81
3		2-Decanone	156	C10H20O	000693-54-9	59
4		2-Octanone	128	C8H16O	000111-13-7	59
5		2-Nonanone	142	C9H18O	000821-55-6	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

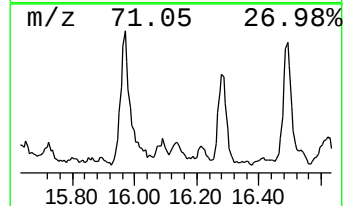
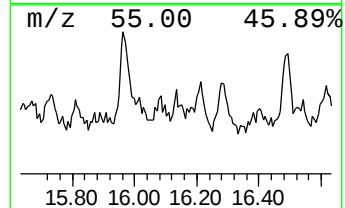
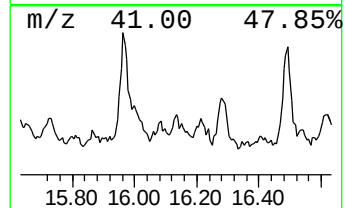
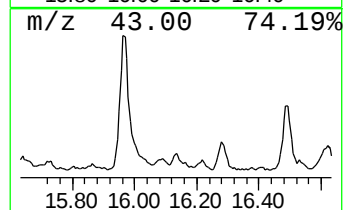
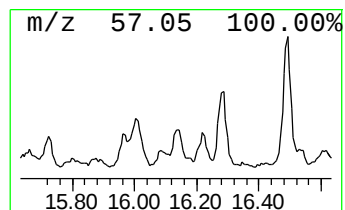
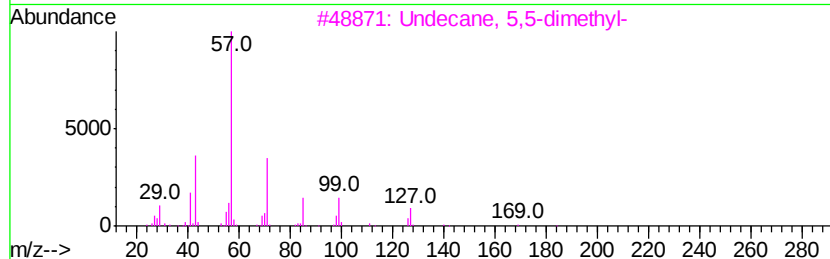
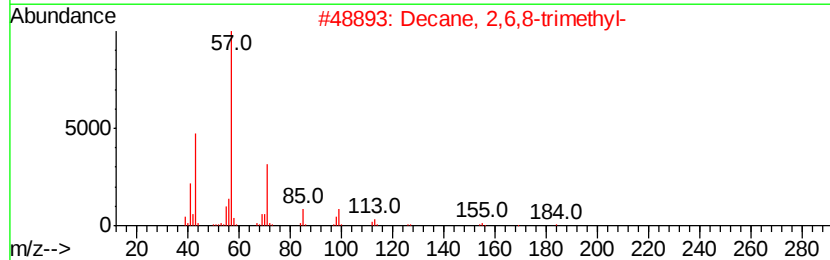
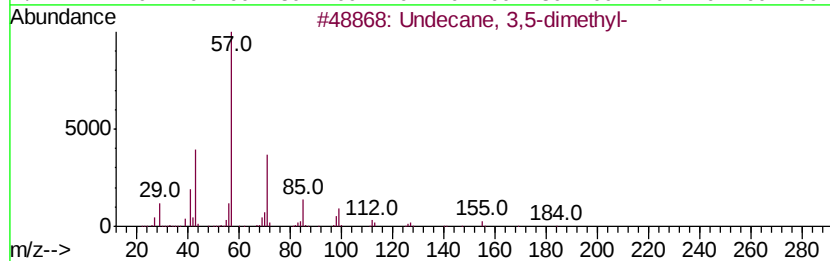
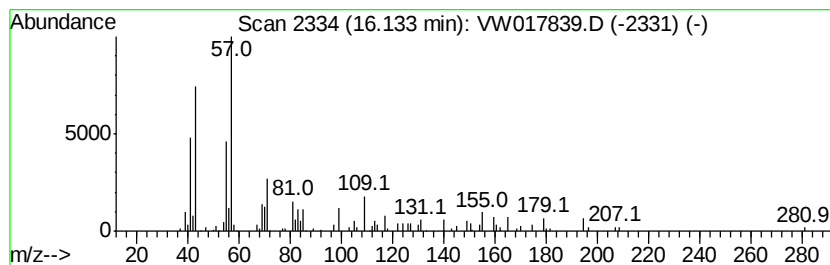
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	1.72 ug/L	53255	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	50
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

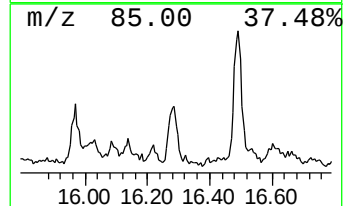
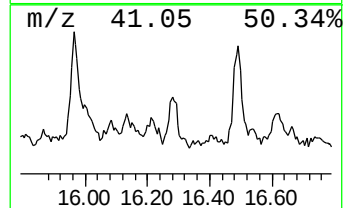
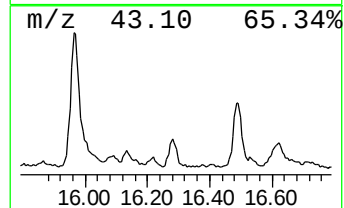
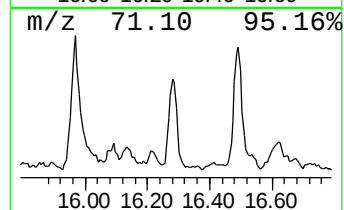
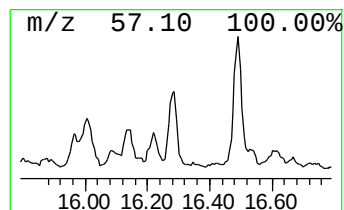
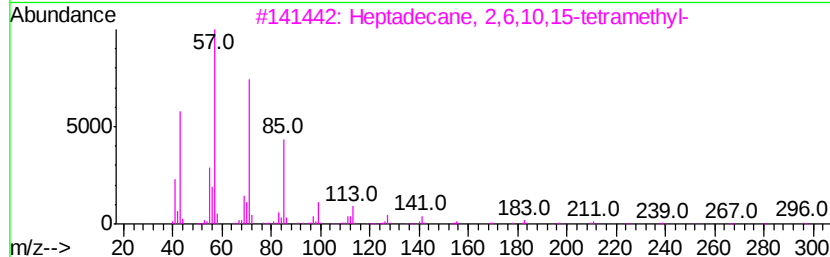
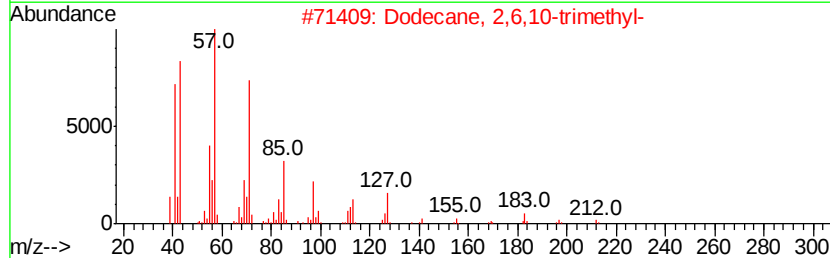
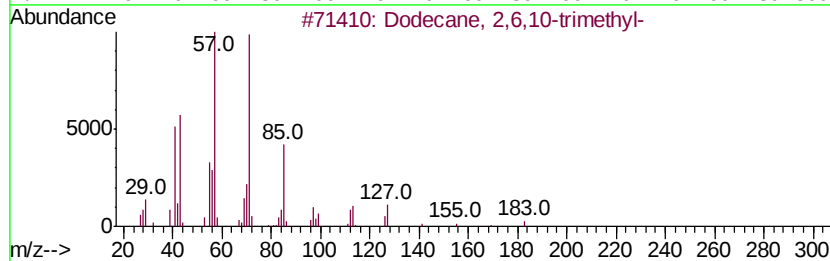
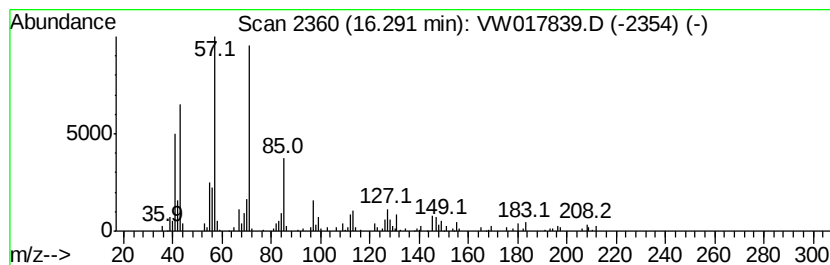
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.42 ug/L	105604	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C02

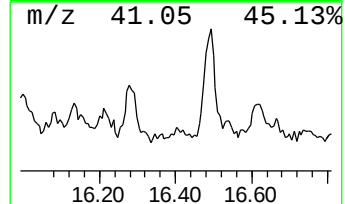
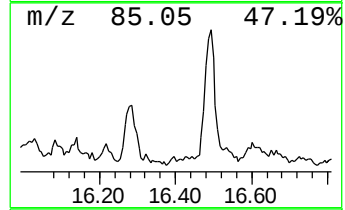
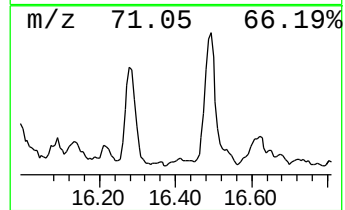
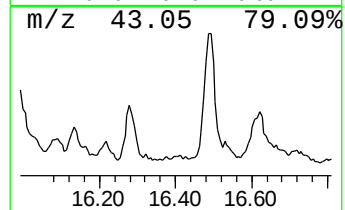
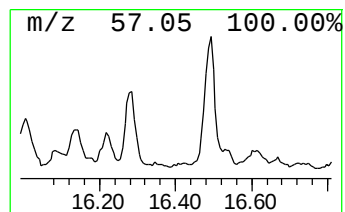
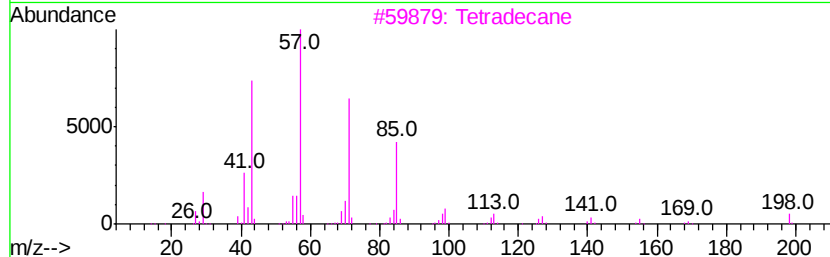
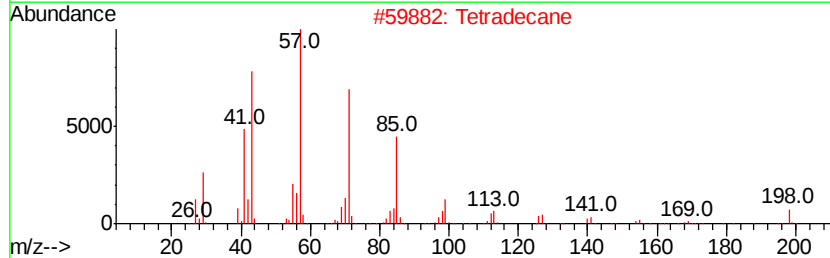
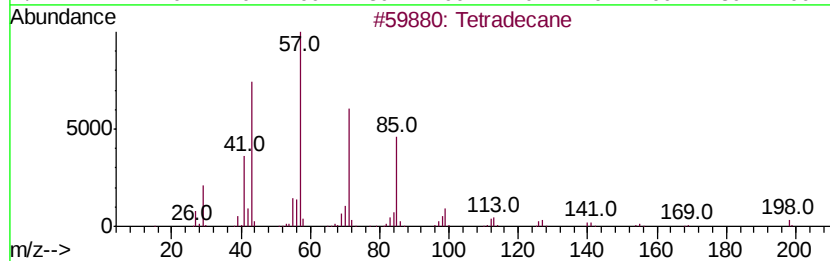
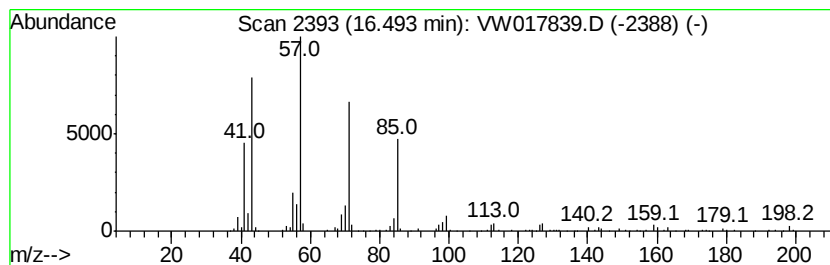
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	4.21 ug/L	130034	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tetradecane	198	C14H30	000629-59-4	96
3			Tetradecane	198	C14H30	000629-59-4	95
4			Tetradecane	198	C14H30	000629-59-4	90
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011221\
Data File : VW017839.D
Acq On : 12 Jan 2021 16:39
Operator : SY/VA
Sample : M1099-02
Misc : 2.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

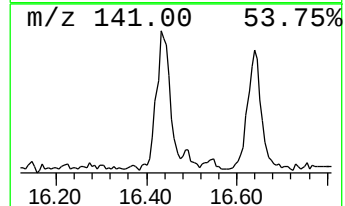
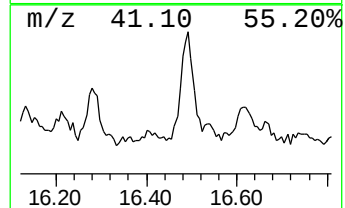
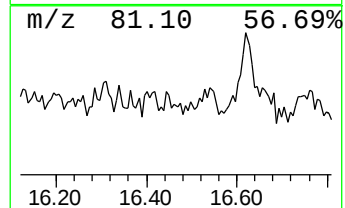
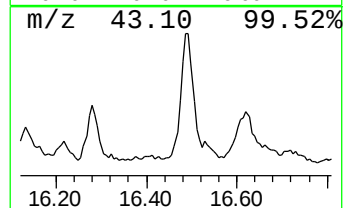
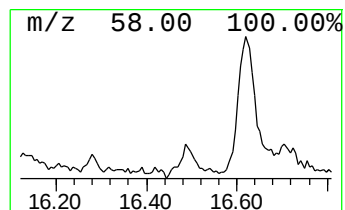
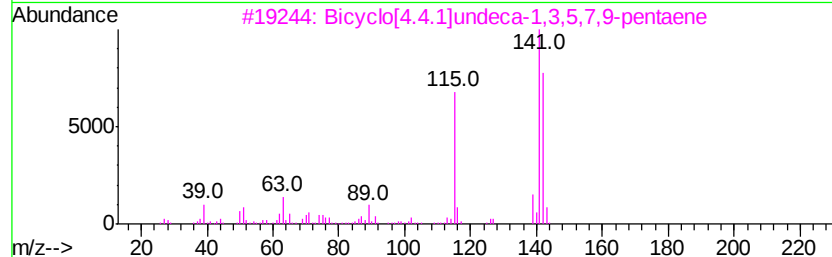
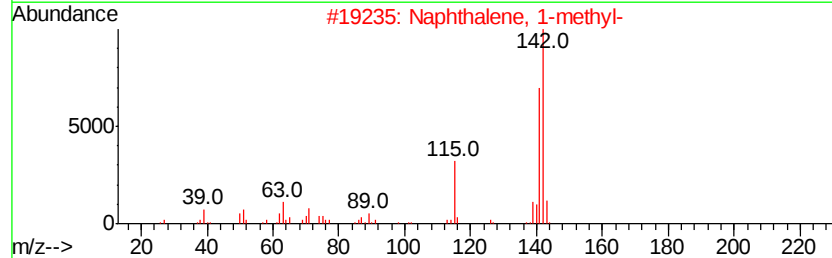
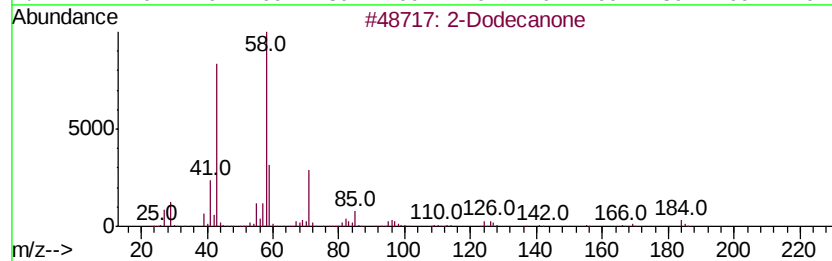
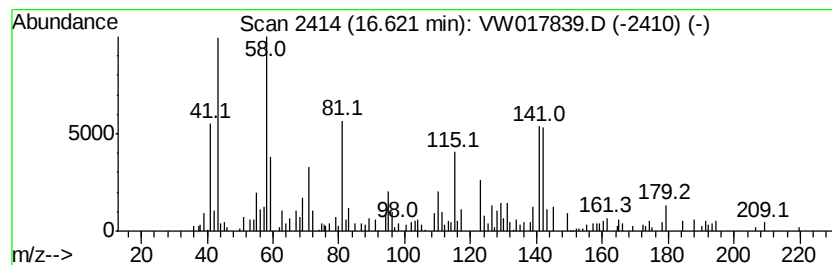
Instrument :
MSVOA_W
ClientSampleId :
F1C02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	5.18 ug/L	160323	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Dodecanone		184 C12H24O	006175-49-1 38
2	Naphthalene, 1-methyl-		142 C11H10	000090-12-0 38
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene		142 C11H10	002443-46-1 38
4	Naphthalene, 1-methyl-		142 C11H10	000090-12-0 30
5	Naphthalene, 2-methyl-		142 C11H10	000091-57-6 30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011221\
 Data File : VW017839.D
 Acq On : 12 Jan 2021 16:39
 Operator : SY/VA
 Sample : M1099-02
 Misc : 2.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.98	6.2	ug/L	150429	1	8.85	605031	25.0
Dimethyl sulfide	4.20	6.4	ug/L	155462	1	8.85	605031	25.0
Acetaldehyde, chl...	6.80	2.5	ug/L	61270	1	8.85	605031	25.0
(DEL) Alkane: Str...	9.53	5.1	ug/L	123448	1	8.85	605031	25.0
(DEL) Alkane: Str...	9.69	2.8	ug/L	68271	1	8.85	605031	25.0
(DEL) Alkane: Str...	9.90	8.8	ug/L	212694	1	8.85	605031	25.0
(DEL) Alkane: Str...	9.96	1.7	ug/L	42174	1	8.85	605031	25.0
(DEL) Alkane: Str...	10.10	1.4	ug/L	33308	1	8.85	605031	25.0
Disulfide, dimethyl	10.13	2.7	ug/L	66406	1	8.85	605031	25.0
(DEL) Alkane: Str...	10.26	5.3	ug/L	136463	2	11.63	644795	25.0
(DEL) Alkane: Str...	10.51	2.9	ug/L	75424	2	11.63	644795	25.0
(DEL) Alkane: Cyc...	11.12	1.4	ug/L	35610	2	11.63	644795	25.0
Cyclobutene, 3,4-...	11.34	1.9	ug/L	50162	2	11.63	644795	25.0
Oxalic acid, ally...	11.41	2.7	ug/L	69635	2	11.63	644795	25.0
(DEL) Alkane: Str...	11.51	2.8	ug/L	72472	2	11.63	644795	25.0
(DEL) Alkane: Str...	12.37	3.2	ug/L	83116	2	11.63	644795	25.0
(DEL) Alkane: Str...	12.78	1.3	ug/L	39390	3	13.56	773061	25.0
unknown-02	12.87	2.4	ug/L	73183	3	13.56	773061	25.0
(DEL) Alkane: Str...	12.93	5.0	ug/L	154185	3	13.56	773061	25.0
(DEL) Alkane: Str...	13.05	6.3	ug/L	196002	3	13.56	773061	25.0
(DEL) Alkane: Str...	13.13	8.6	ug/L	265013	3	13.56	773061	25.0
Sulfurous acid, b...	13.41	3.0	ug/L	91363	3	13.56	773061	25.0
unknown-03	13.99	2.4	ug/L	73254	3	13.56	773061	25.0
2-Nonanone	14.22	11.1	ug/L	344395	3	13.56	773061	25.0
cis,trans-2-Ethyl...	14.38	1.8	ug/L	56996	3	13.56	773061	25.0
(DEL) Alkane: Str...	14.50	2.2	ug/L	67018	3	13.56	773061	25.0
Naphthalene, deca...	14.55	1.3	ug/L	39832	3	13.56	773061	25.0
(DEL) Alkane: Str...	14.72	6.6	ug/L	203554	3	13.56	773061	25.0
unknown-04	14.79	2.6	ug/L	81465	3	13.56	773061	25.0
2-Decanone	15.07	2.5	ug/L	78331	3	13.56	773061	25.0
Sulfurous acid, 2...	15.32	3.4	ug/L	105666	3	13.56	773061	25.0
Azulene	15.36	5.1	ug/L	157095	3	13.56	773061	25.0
(DEL) Alkane: Str...	15.55	7.5	ug/L	231604	3	13.56	773061	25.0
Benzene, 1,3,5-tr...	15.64	3.7	ug/L	115199	3	13.56	773061	25.0
2-Undecanone	15.97	11.3	ug/L	348885	3	13.56	773061	25.0
(DEL) Alkane: Str...	16.13	1.7	ug/L	53255	3	13.56	773061	25.0
(DEL) Alkane: Str...	16.29	3.4	ug/L	105604	3	13.56	773061	25.0
(DEL) Alkane: Str...	16.49	4.2	ug/L	130034	3	13.56	773061	25.0
unknown-05	16.62	5.2	ug/L	160323	3	13.56	773061	25.0