

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018119.D
 Acq On : 12 Feb 2021 18:47
 Operator : SY/VA
 Sample : M1370-14
 Misc : 6.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	7	9	24	rVB3	9864	23437	0.54%	0.161%
2	2.355	68	74	80	rVB	38310	65331	1.49%	0.449%
3	2.495	92	97	104	rBV	3641	8429	0.19%	0.058%
4	2.898	155	163	174	rVB	28026	67132	1.53%	0.461%
5	4.019	337	347	355	rBV	68783	181832	4.15%	1.249%
6	4.117	355	363	379	rVV	68380	182881	4.17%	1.256%
7	4.379	398	406	423	rVB2	6034	17762	0.41%	0.122%
8	4.916	485	494	510	rVB3	5658	18634	0.43%	0.128%
9	5.946	650	663	672	rBV3	2603	7482	0.17%	0.051%
10	6.988	825	834	841	rVV4	3025	8608	0.20%	0.059%
11	7.074	841	848	860	rVV	13222	40565	0.93%	0.279%
12	7.171	860	864	875	rVV	3498	9749	0.22%	0.067%
13	7.537	915	924	933	rVV2	8087	21247	0.49%	0.146%
14	7.647	933	942	960	rVB	92384	226342	5.17%	1.554%
15	7.927	979	988	999	rBV5	15530	61111	1.40%	0.420%
16	8.031	999	1005	1014	rVB3	8503	21109	0.48%	0.145%
17	8.159	1016	1026	1033	rBV	15986	37154	0.85%	0.255%
18	8.275	1034	1045	1049	rBV	167622	412050	9.41%	2.829%
19	8.476	1063	1078	1088	rBV2	25652	82096	1.87%	0.564%
20	8.573	1088	1094	1101	rVB3	10852	23743	0.54%	0.163%
21	8.695	1106	1114	1123	rVB	40126	80290	1.83%	0.551%
22	8.842	1130	1138	1153	rBV	196554	389602	8.89%	2.675%
23	9.274	1201	1209	1214	rBV	114137	242929	5.55%	1.668%
24	9.335	1214	1219	1224	rVV	81509	168396	3.84%	1.156%
25	9.384	1224	1227	1234	rVB2	16175	27676	0.63%	0.190%
26	9.518	1244	1249	1254	rVB	7210	12437	0.28%	0.085%
27	9.610	1254	1264	1272	rBV4	7859	18353	0.42%	0.126%
28	9.756	1280	1288	1297	rVB2	42300	82855	1.89%	0.569%
29	9.854	1297	1304	1306	rBV2	17118	30950	0.71%	0.213%
30	9.896	1306	1311	1316	rVV	40097	80736	1.84%	0.554%
31	9.957	1316	1321	1325	rVV2	22894	44715	1.02%	0.307%
32	10.037	1329	1334	1339	rVV	54152	97109	2.22%	0.667%
33	10.091	1339	1343	1358	rVB3	21560	53718	1.23%	0.369%
34	10.250	1358	1369	1374	rBV	25505	50180	1.15%	0.345%
35	10.323	1374	1381	1387	rBV	256318	469583	10.72%	3.224%
36	10.384	1387	1391	1398	rVB	75070	139917	3.19%	0.961%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Title : VOC Analysis

37	10.506	1404	1411	1417	rVB2	32246	68065	1.55%	0.467%
38	10.579	1417	1423	1428	rBV	33589	59119	1.35%	0.406%
39	10.664	1432	1437	1447	rVB3	20851	40550	0.93%	0.278%
40	10.762	1447	1453	1463	rBV4	13177	28609	0.65%	0.196%
41	10.847	1463	1467	1472	rVB2	4465	7142	0.16%	0.049%
42	10.927	1472	1480	1488	rBV2	58116	106601	2.43%	0.732%
43	11.030	1492	1497	1500	rBV4	3935	8335	0.19%	0.057%
44	11.103	1506	1509	1513	rBV2	4471	5788	0.13%	0.040%
45	11.183	1513	1522	1526	rVV3	22439	51517	1.18%	0.354%
46	11.231	1526	1530	1535	rVB2	23033	40990	0.94%	0.281%
47	11.335	1542	1547	1551	rBV3	7132	11619	0.27%	0.080%
48	11.433	1551	1563	1567	rBV5	9173	26375	0.60%	0.181%
49	11.512	1572	1576	1579	rBV2	4753	7821	0.18%	0.054%
50	11.634	1588	1596	1604	rBV	214831	369484	8.43%	2.537%
51	11.731	1606	1612	1620	rVV	65830	112593	2.57%	0.773%
52	11.829	1620	1628	1641	rBV5	46017	134348	3.07%	0.923%
53	12.018	1655	1659	1663	rBV4	5286	9530	0.22%	0.065%
54	12.140	1668	1679	1680	rBV7	13481	34972	0.80%	0.240%
55	12.250	1694	1697	1702	rVB4	5485	8589	0.20%	0.059%
56	12.365	1702	1716	1723	rBV	122491	249143	5.69%	1.711%
57	12.463	1726	1732	1738	rVV	101856	163312	3.73%	1.121%
58	12.524	1738	1742	1747	rVB2	12443	22418	0.51%	0.154%
59	12.682	1762	1768	1771	rBV2	200114	375544	8.57%	2.579%
60	12.719	1771	1774	1780	rVB	246241	383340	8.75%	2.632%
61	12.804	1780	1788	1793	rVB	45036	89077	2.03%	0.612%
62	12.865	1793	1798	1801	rBV	59966	91598	2.09%	0.629%
63	12.920	1801	1807	1821	rVB	2438203	4380645	100.00%	30.080%
64	13.048	1821	1828	1832	rBV	468988	824587	18.82%	5.662%
65	13.097	1832	1836	1844	rVB2	145512	285388	6.51%	1.960%
66	13.201	1848	1853	1857	rBV	96031	154038	3.52%	1.058%
67	13.249	1857	1861	1873	rVB	277557	433774	9.90%	2.979%
68	13.396	1873	1885	1888	rBV5	49427	107662	2.46%	0.739%
69	13.438	1888	1892	1897	rVB	106291	154656	3.53%	1.062%
70	13.493	1897	1901	1906	rBV	67738	100001	2.28%	0.687%
71	13.560	1906	1912	1914	rBV	149898	261295	5.96%	1.794%
72	13.652	1923	1927	1933	rVB	89932	147536	3.37%	1.013%
73	13.719	1933	1938	1940	rBV2	15349	23810	0.54%	0.163%
74	13.755	1940	1944	1946	rVV2	30243	46961	1.07%	0.322%
75	13.786	1946	1949	1953	rVV	39270	55335	1.26%	0.380%
76	13.853	1955	1960	1971	rVB2	122694	230755	5.27%	1.585%

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Title : VOC Analysis

77	13.944	1971	1975	1981	rVB	23915	38628	0.88%	0.265%
78	14.011	1981	1986	1988	rBV	33148	52409	1.20%	0.360%
79	14.097	1995	2000	2003	rBV	72679	105651	2.41%	0.725%
80	14.133	2003	2006	2010	rVB	25088	33543	0.77%	0.230%
81	14.188	2010	2015	2023	rVB4	46542	108505	2.48%	0.745%
82	14.335	2034	2039	2043	rVB2	19148	31070	0.71%	0.213%
83	14.383	2043	2047	2049	rBV	24393	35279	0.81%	0.242%
84	14.438	2049	2056	2063	rVB2	84887	261322	5.97%	1.794%
85	14.499	2063	2066	2068	rBV2	8000	8739	0.20%	0.060%
86	14.566	2074	2077	2082	rVB2	28325	42245	0.96%	0.290%
87	14.652	2085	2091	2093	rBV5	17603	31443	0.72%	0.216%
88	14.792	2107	2114	2122	rBV2	42503	110507	2.52%	0.759%
89	14.956	2136	2141	2145	rBV5	15263	26346	0.60%	0.181%
90	15.017	2145	2151	2155	rVV3	37907	77354	1.77%	0.531%
91	15.066	2155	2159	2166	rVB2	18527	39110	0.89%	0.269%
92	15.182	2173	2178	2186	rVB7	9935	25003	0.57%	0.172%
93	15.365	2203	2208	2217	rVB	20065	41512	0.95%	0.285%
94	15.517	2222	2233	2241	rVV2	80020	208537	4.76%	1.432%
95	16.188	2338	2343	2347	rBV6	3438	6270	0.14%	0.043%
96	16.438	2379	2384	2391	rVB8	6411	13282	0.30%	0.091%
97	16.523	2392	2398	2403	rBV5	9138	20574	0.47%	0.141%
98	16.639	2413	2417	2421	rBV3	2736	5471	0.12%	0.038%
99	16.694	2422	2426	2432	rVB6	6913	13604	0.31%	0.093%
100	16.761	2432	2437	2441	rBV6	4047	7771	0.18%	0.053%

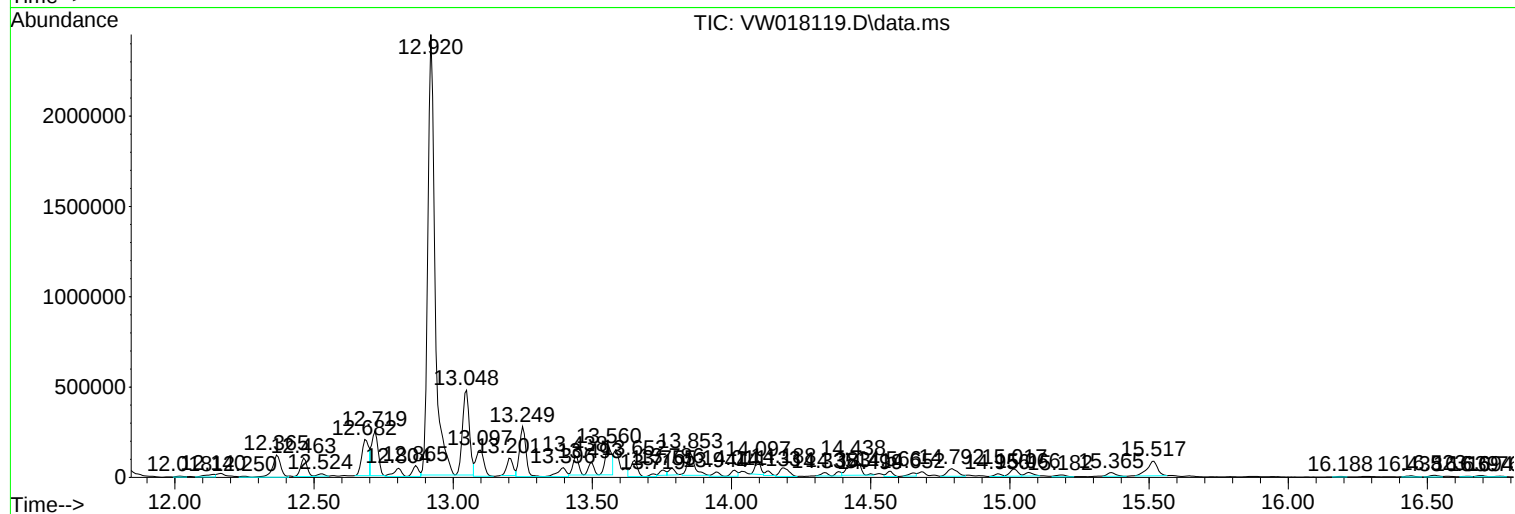
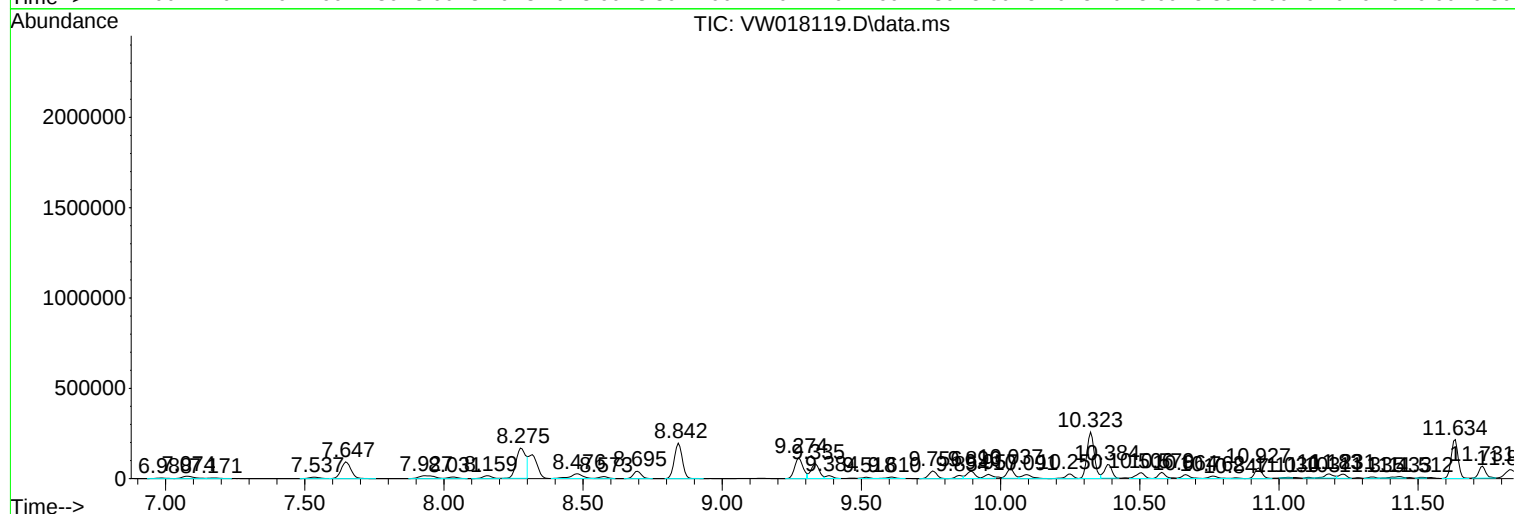
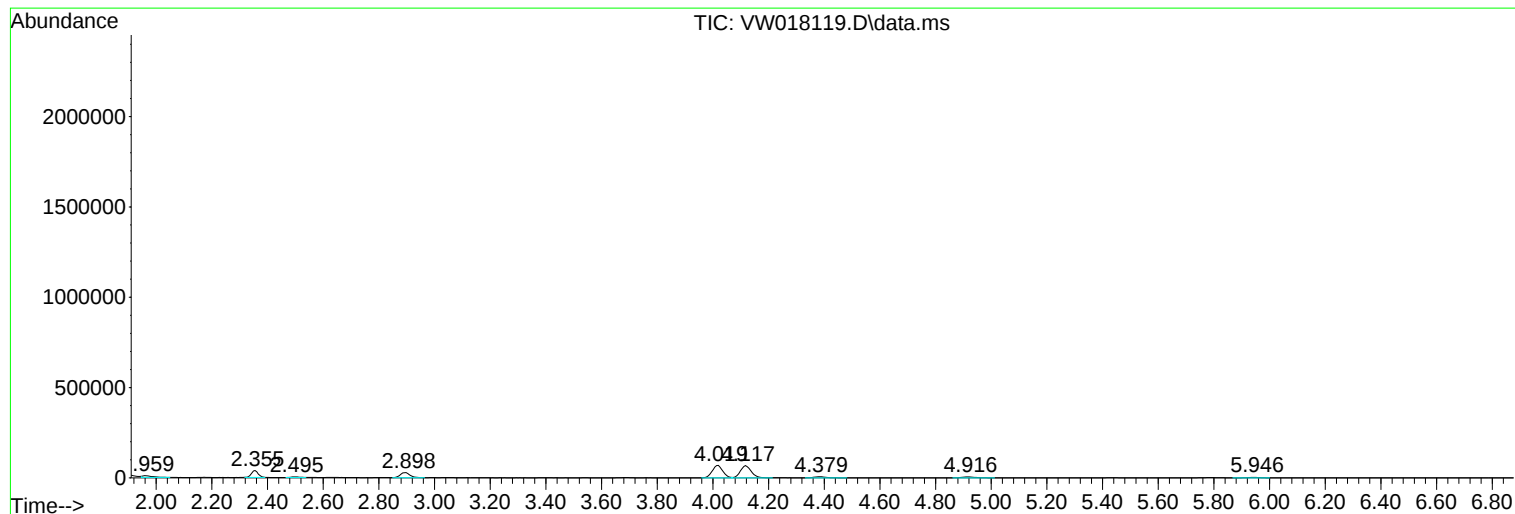
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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



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Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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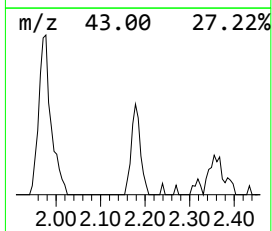
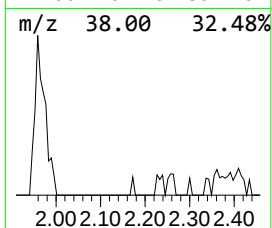
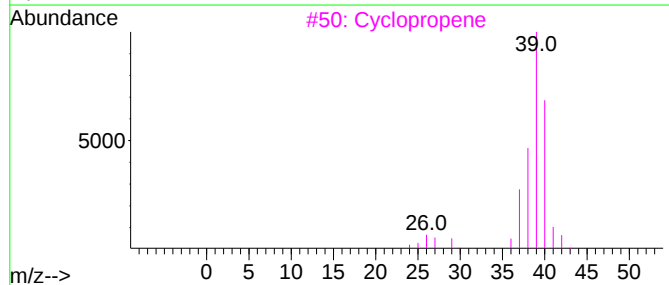
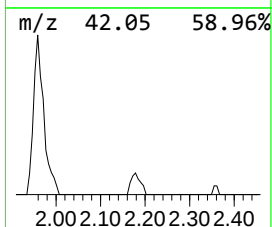
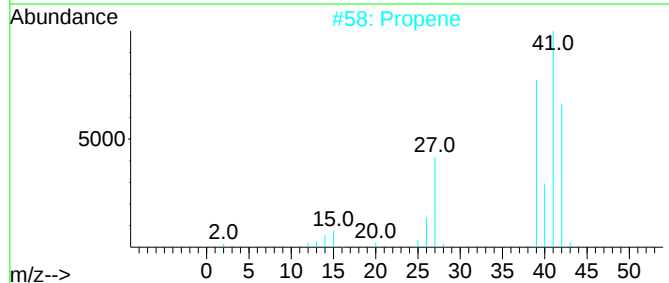
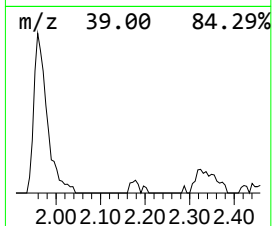
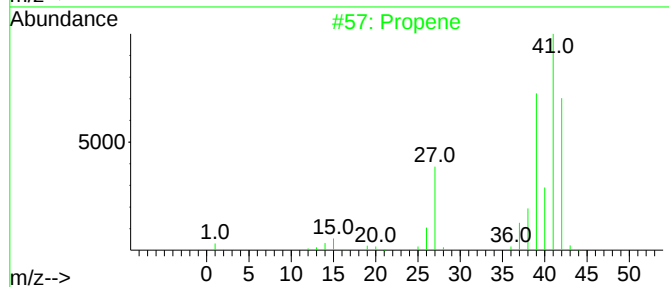
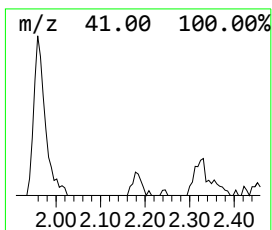
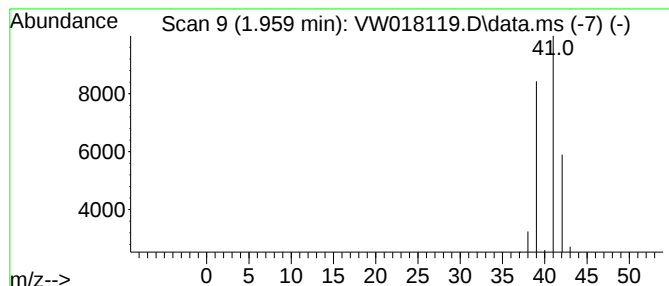
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	1.50 ug/L	23437	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	59
2			Propene	42	C3H6	000115-07-1	42
3			Cyclopropene	40	C3H4	002781-85-3	9
4			Butanenitrile	69	C4H7N	000109-74-0	2
5			Cyclopropane	42	C3H6	000075-19-4	1



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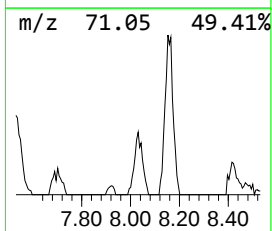
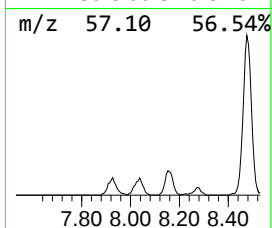
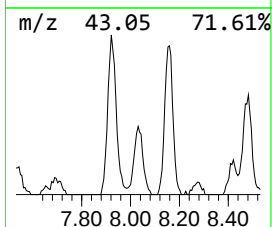
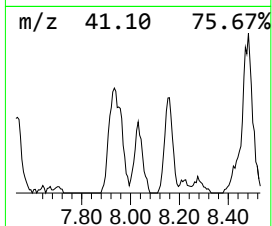
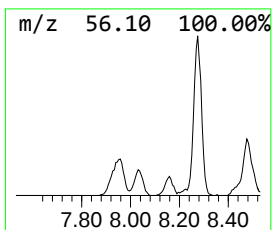
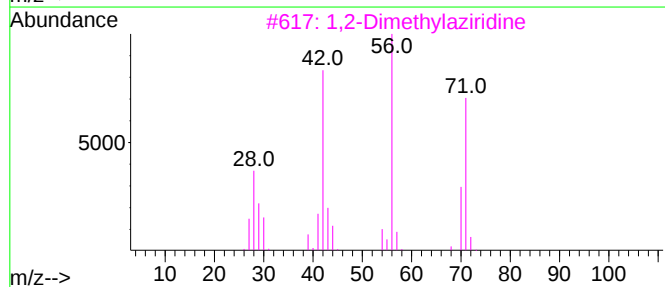
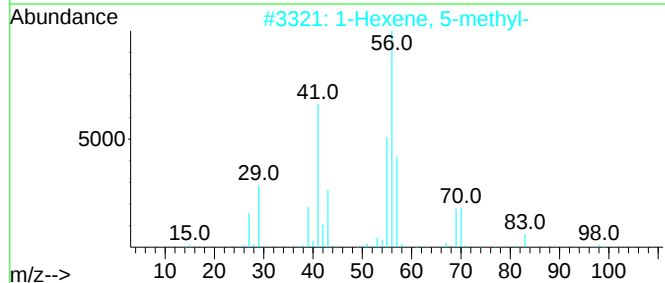
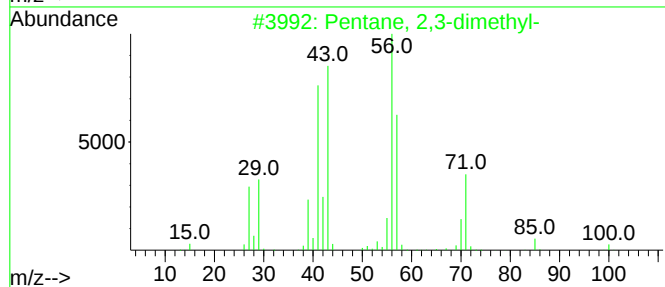
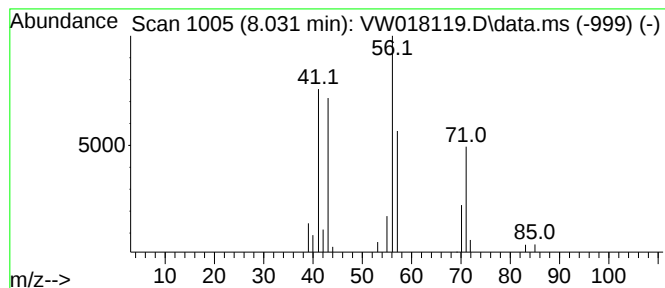
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	1.35 ug/L	21109	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
2		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	42
3		1,2-Dimethylaziridine	71	C4H9N	030757-96-1	38
4		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	36
5		2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	33



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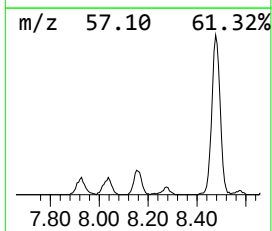
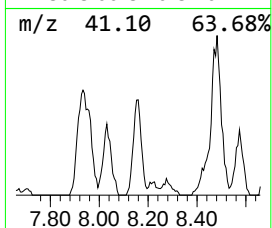
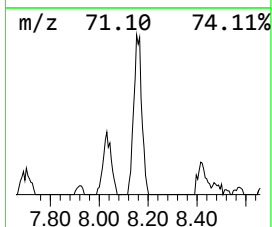
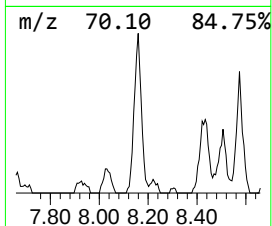
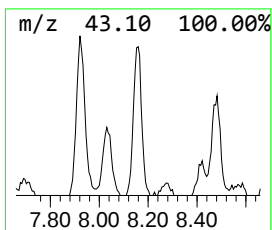
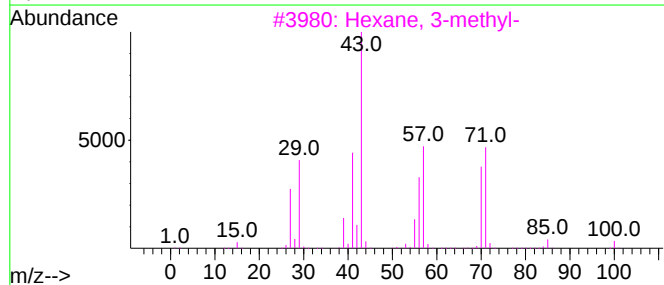
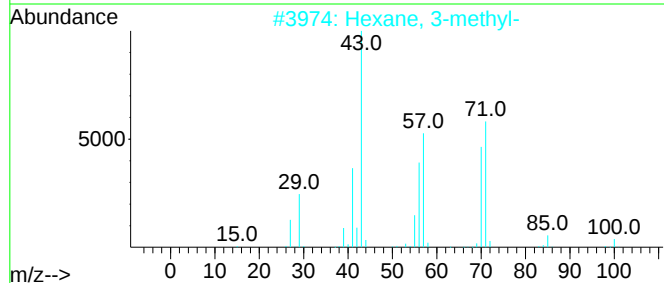
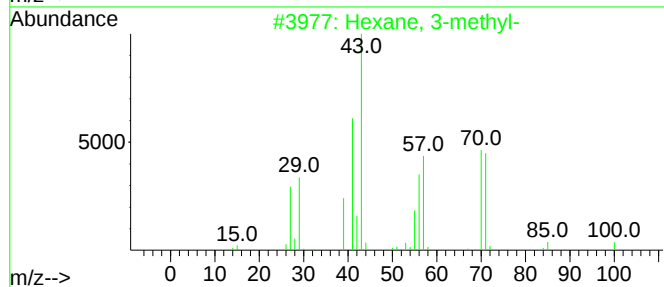
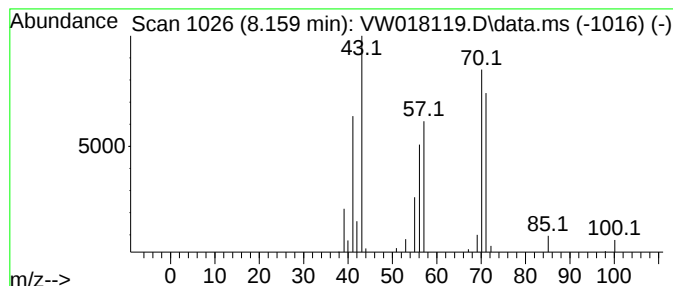
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	2.38 ug/L	37154	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

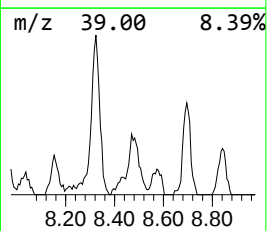
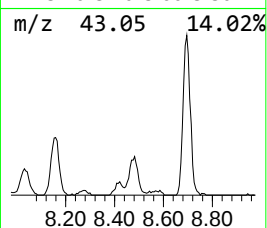
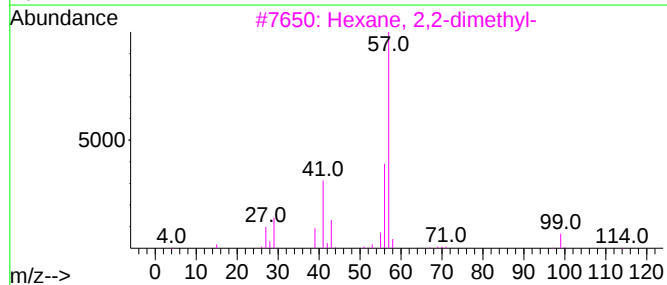
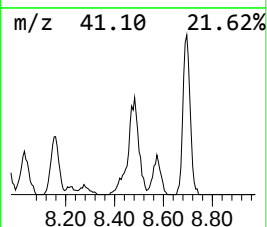
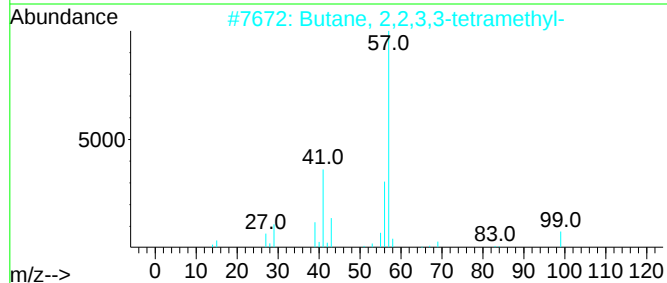
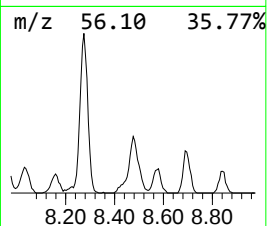
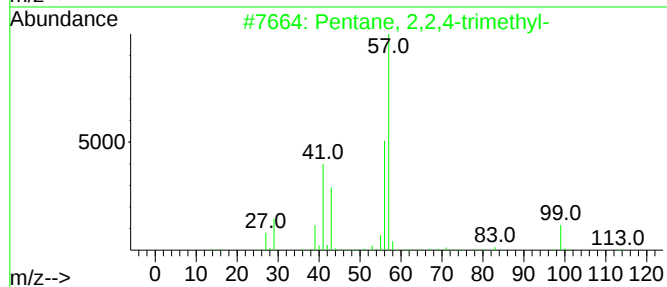
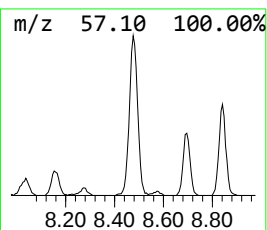
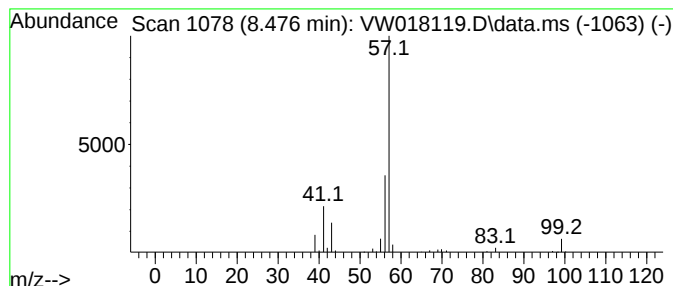
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.476	5.27 ug/L	82096	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

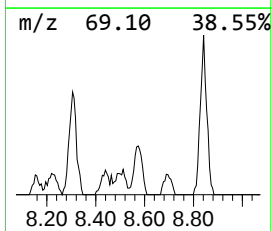
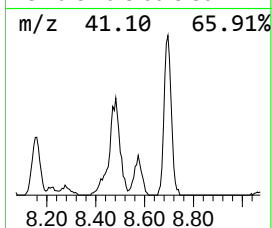
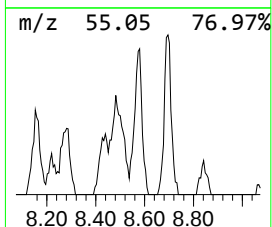
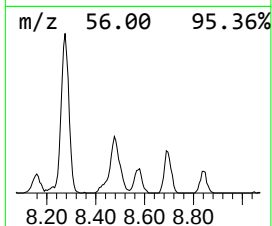
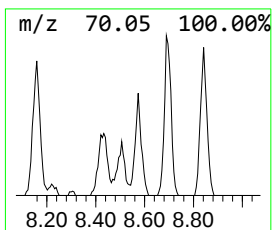
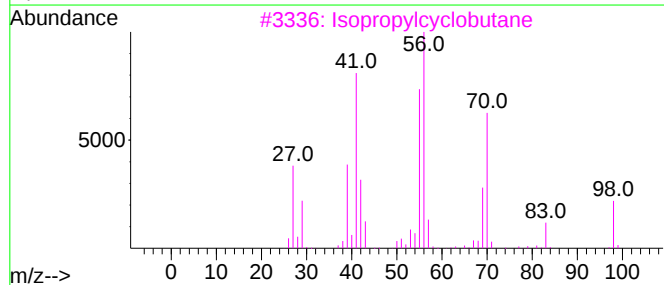
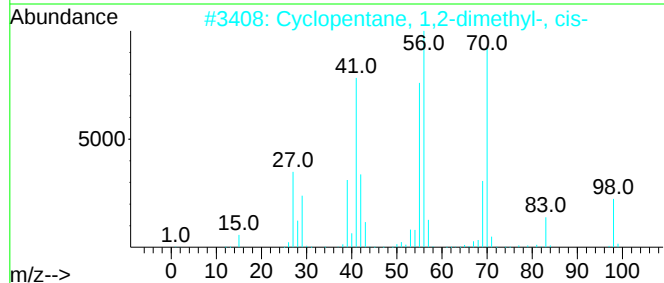
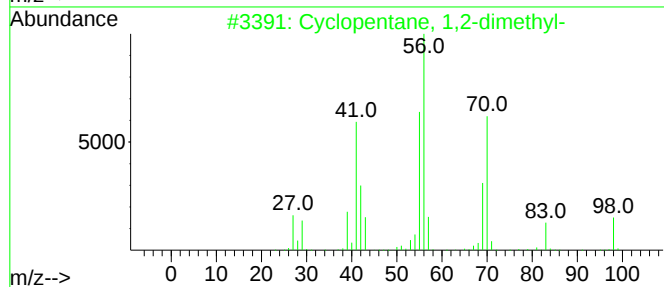
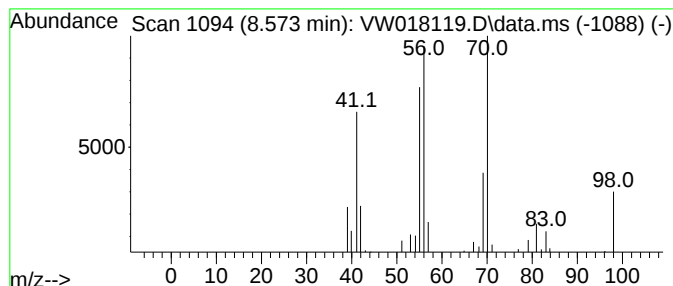
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic8.573 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.573	1.52 ug/L	23743	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
3		Isopropylcyclobutane	98	C7H14	000872-56-0	87
4		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
5		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

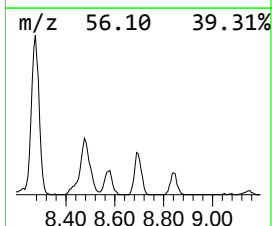
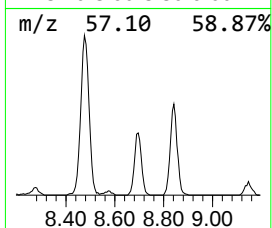
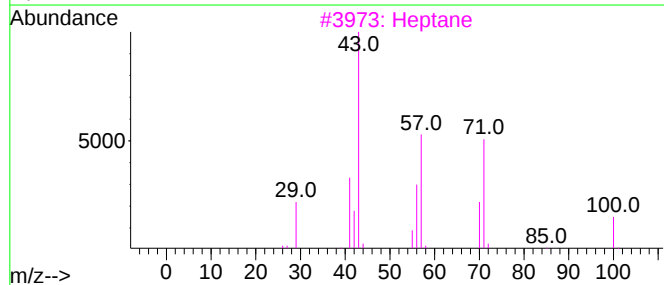
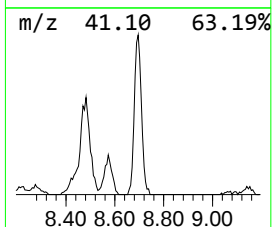
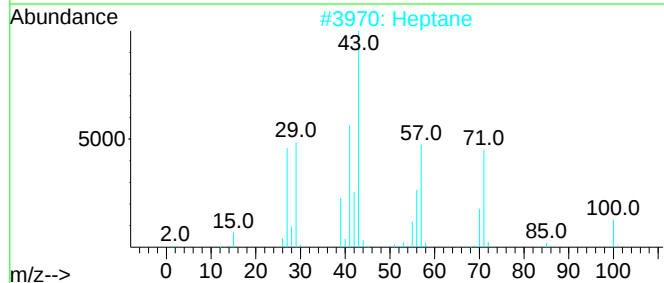
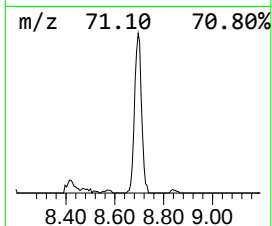
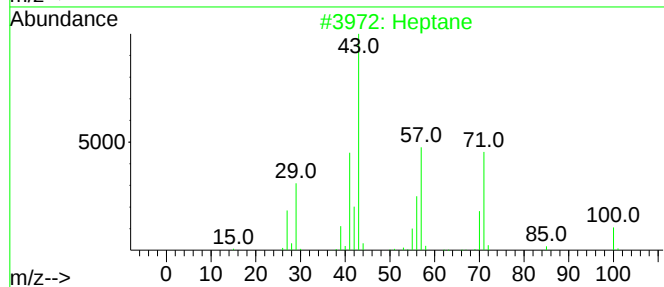
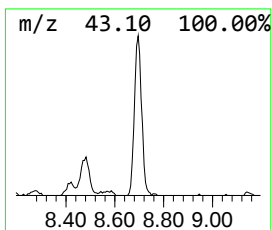
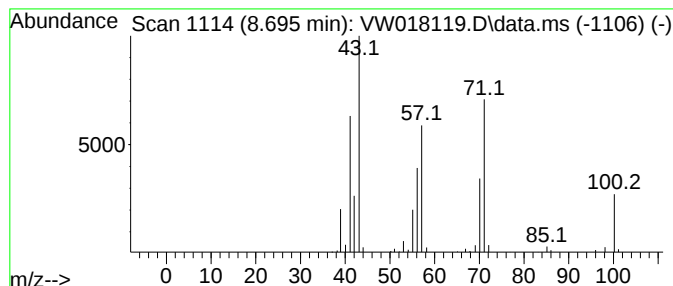
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	5.15 ug/L	80290	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane	100	C7H16	000142-82-5	72
2		Heptane	100	C7H16	000142-82-5	72
3		Heptane	100	C7H16	000142-82-5	72
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5		Heptane	100	C7H16	000142-82-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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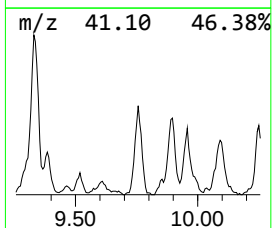
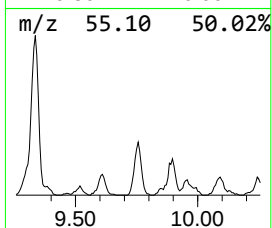
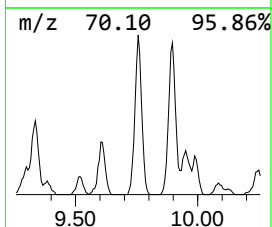
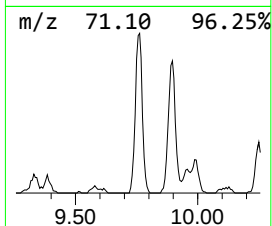
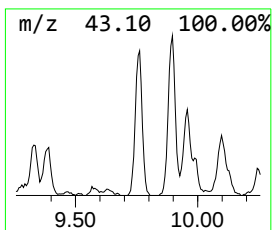
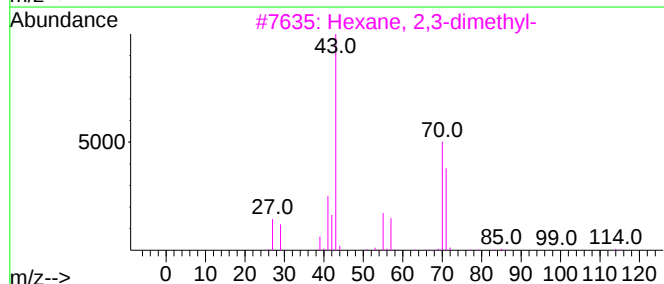
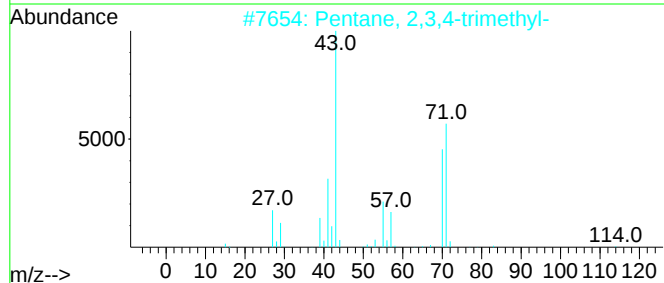
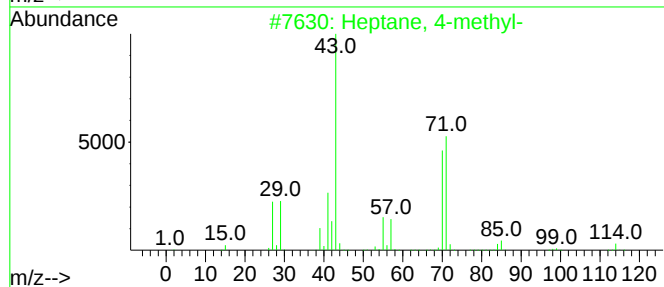
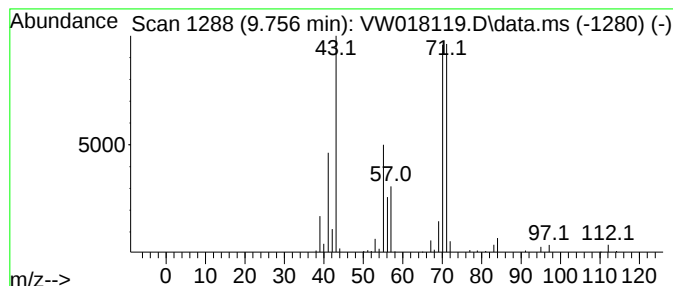
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	5.32 ug/L	82855	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
3		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
4		n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	56
5		3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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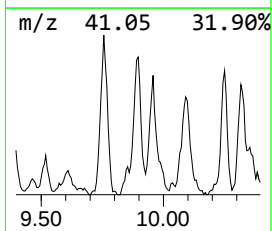
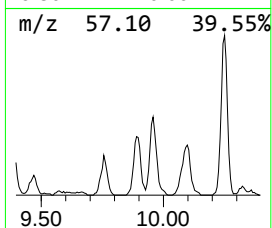
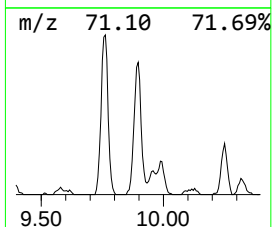
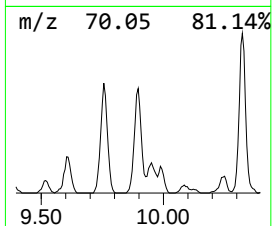
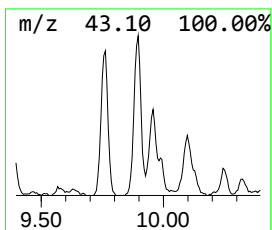
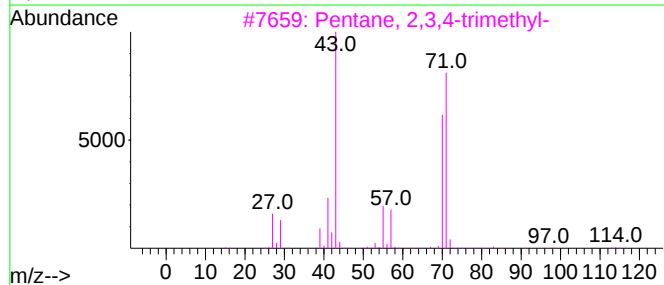
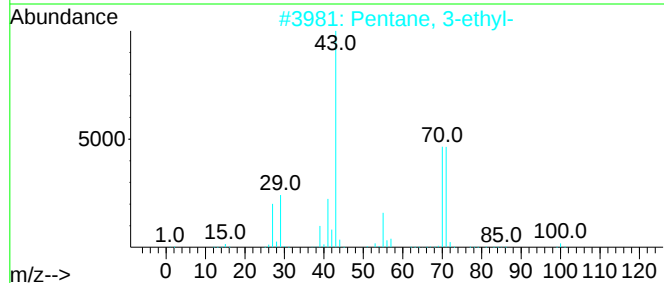
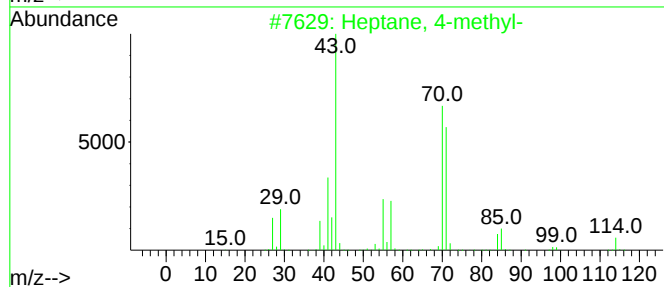
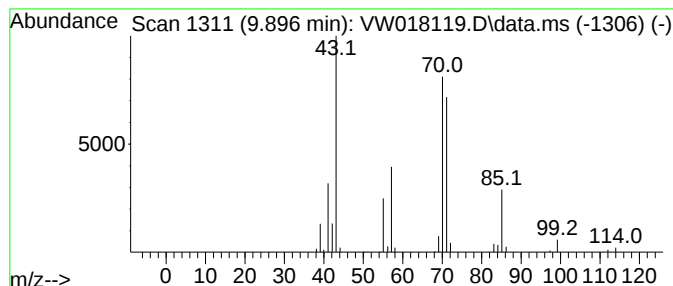
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	5.18 ug/L	80736	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 4-methyl-	114	C8H18	000589-53-7	72
2		Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
5		Pyrrolidine	71	C4H9N	000123-75-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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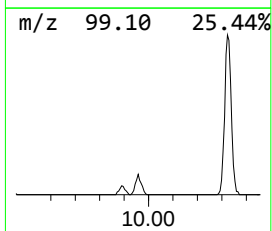
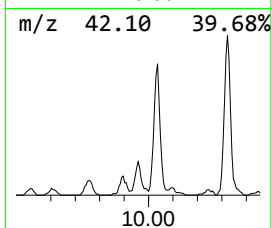
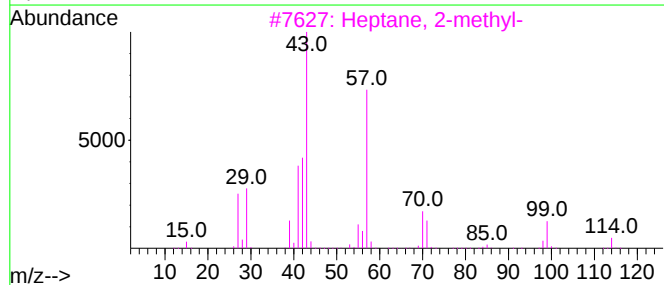
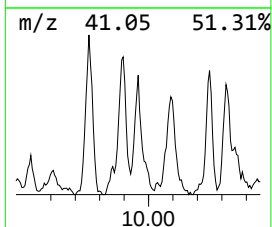
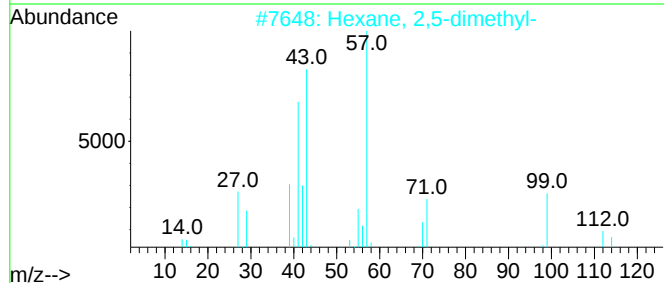
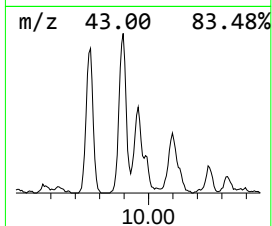
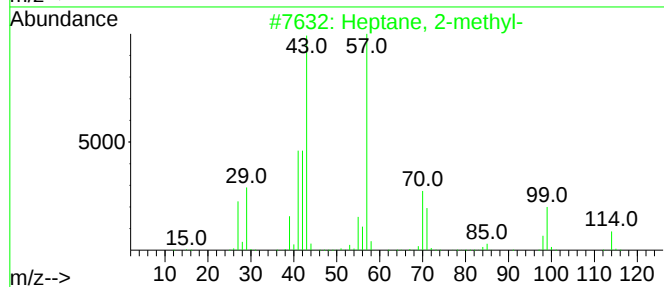
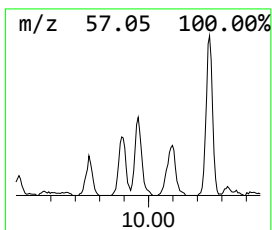
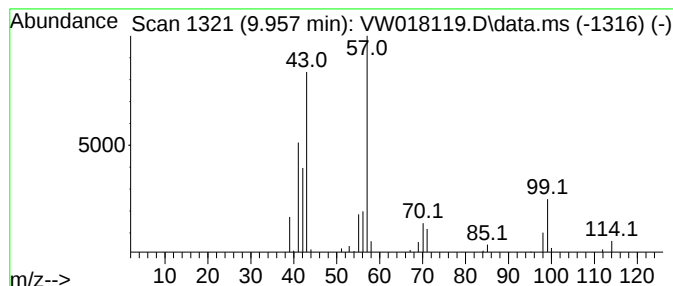
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	2.87 ug/L	44715	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	74
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	53
4		Heptane, 2-methyl-	114	C8H18	000592-27-8	53
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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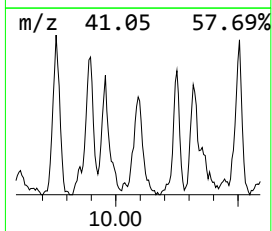
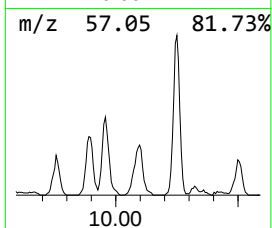
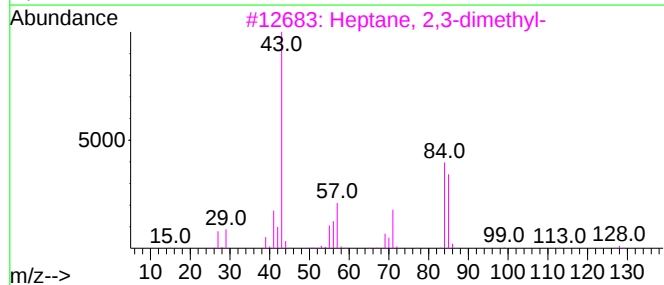
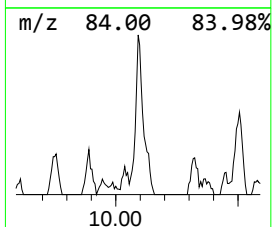
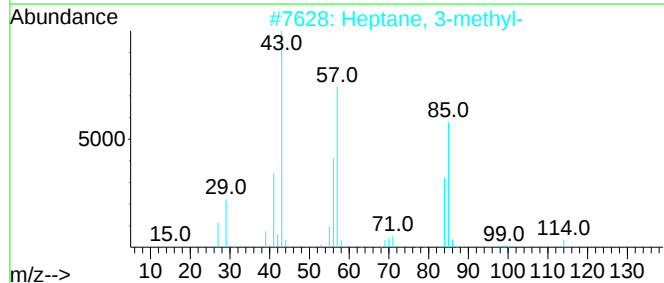
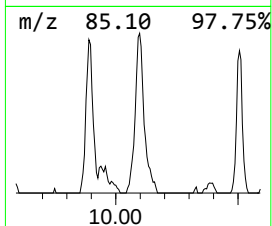
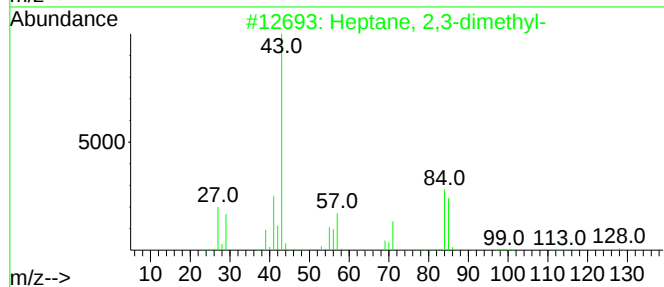
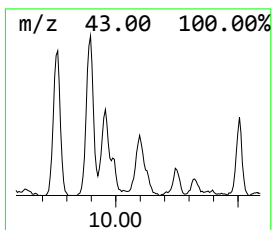
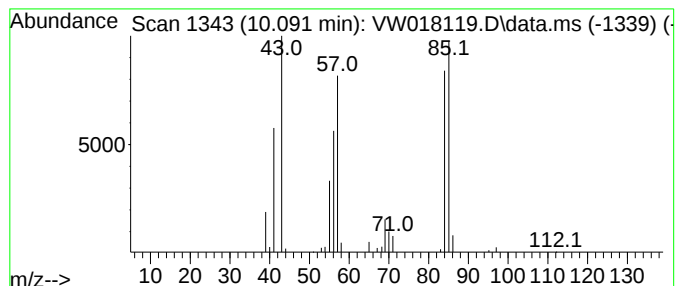
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.091	3.45 ug/L	53718	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	50
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
4		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	50
5		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

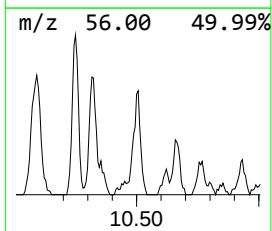
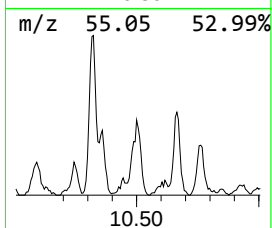
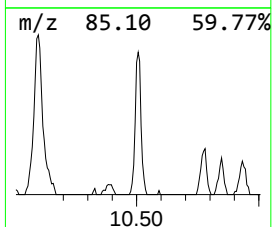
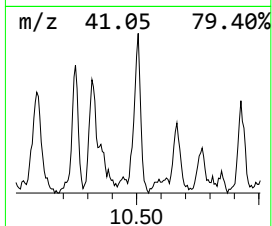
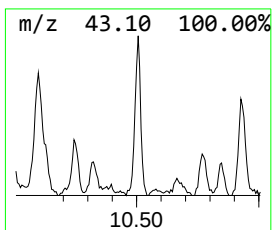
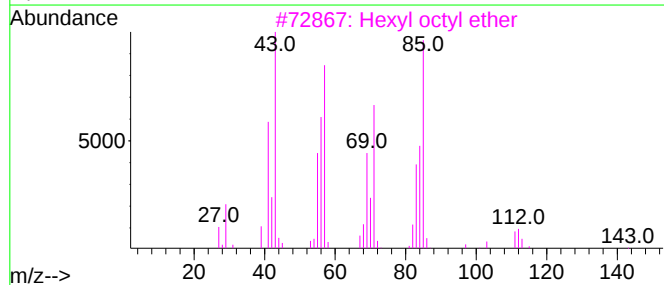
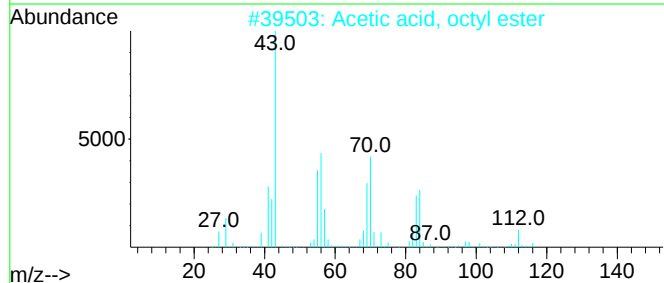
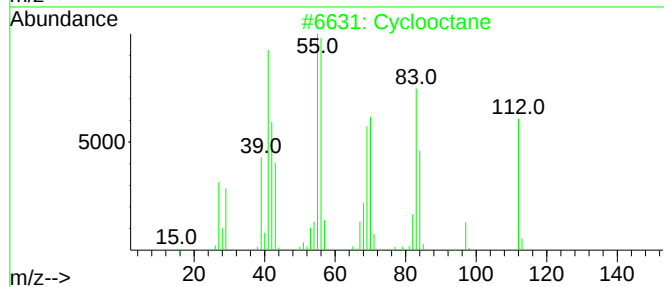
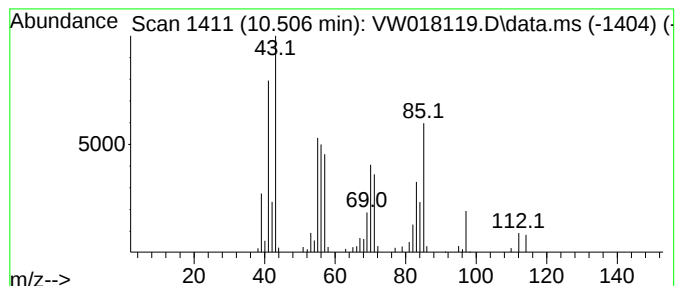
Instrument :
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ClientSampleId :
DBGZ0

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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic10.506 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.506	4.61 ug/L	68065	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclooctane		112	C8H16	000292-64-8	52
2	Acetic acid, octyl ester		172	C10H20O2	000112-14-1	50
3	Hexyl octyl ether		214	C14H30O	017071-54-4	49
4	Octane, 3-chloro-		148	C8H17Cl	001117-79-9	47
5	1,2-Cyclohexanedione		112	C6H8O2	000765-87-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

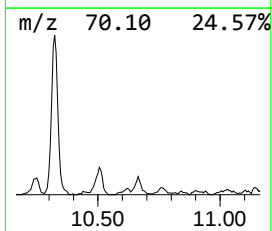
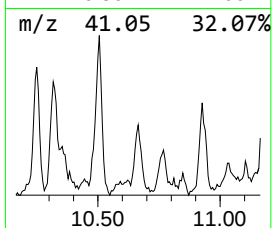
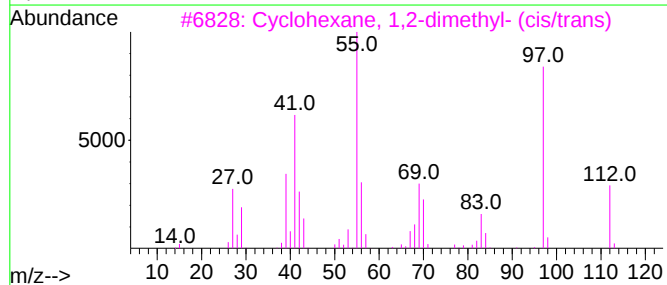
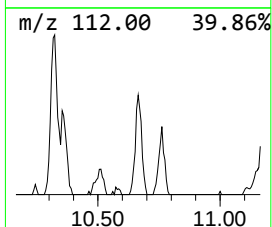
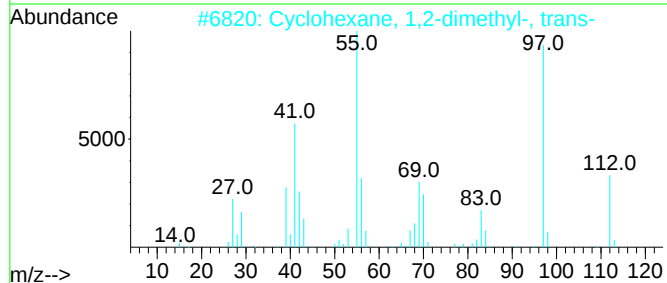
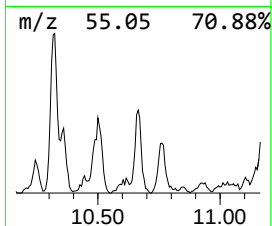
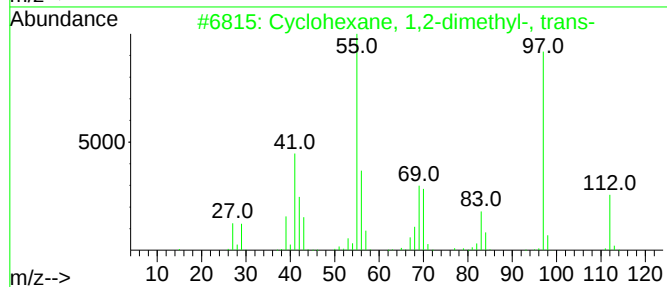
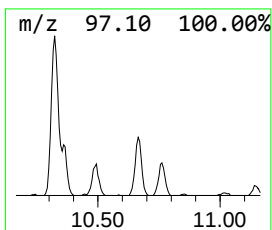
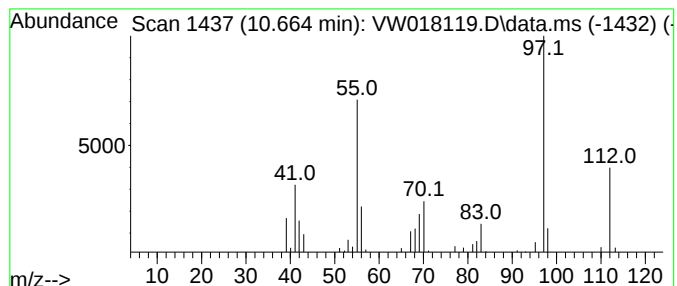
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic10.665 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.665	2.74 ug/L	40550	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3			Cyclohexane, 1,2-dimethyl-, (cis/...	112	C8H16	000583-57-3	87
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	86
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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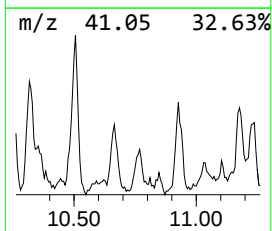
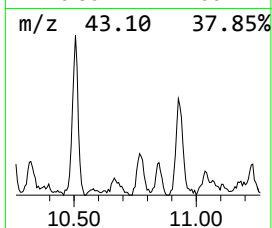
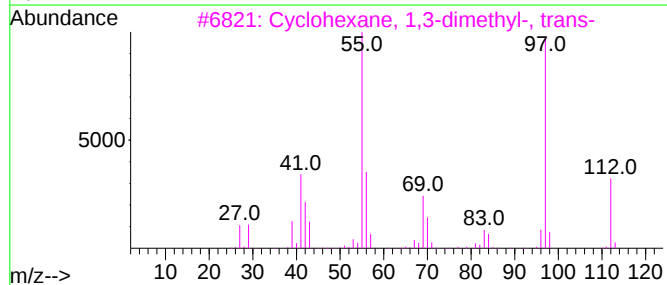
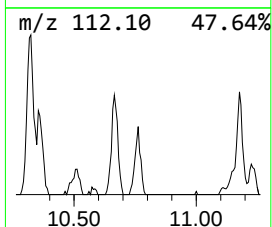
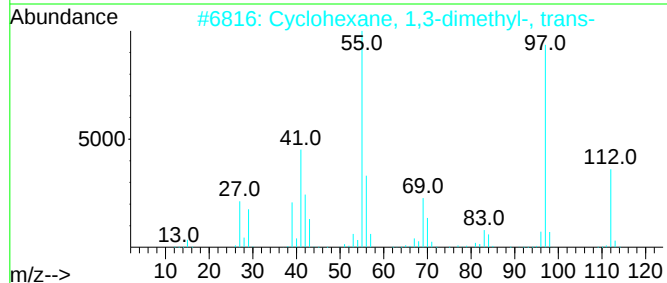
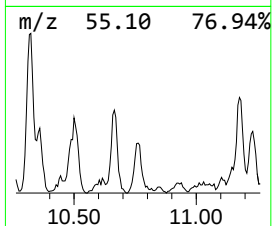
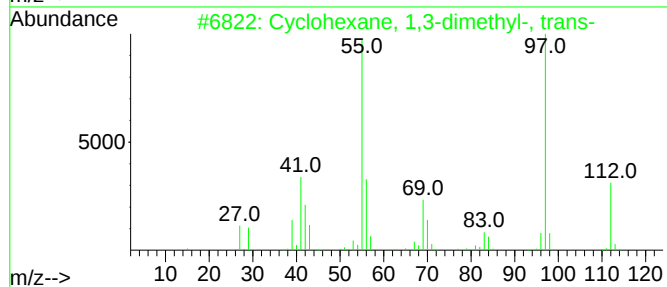
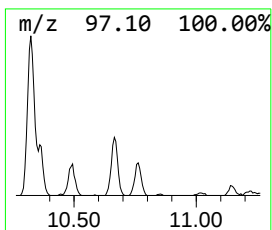
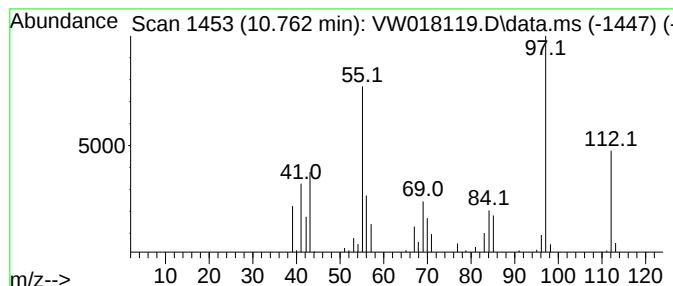
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic10.762 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	1.94 ug/L	28609	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	76
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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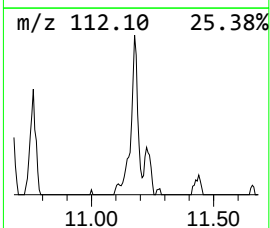
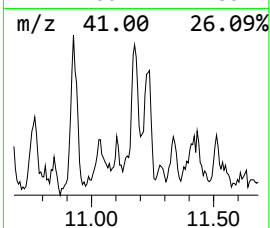
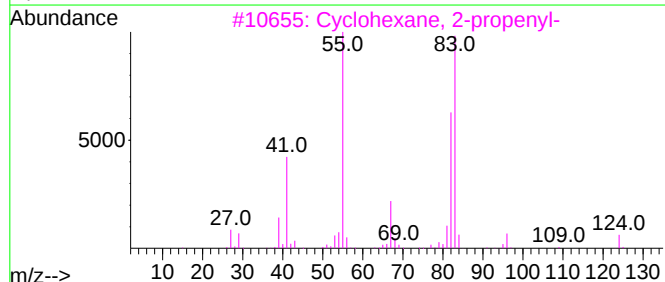
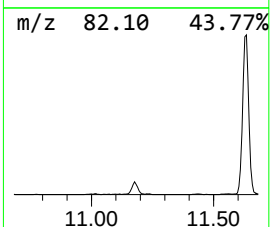
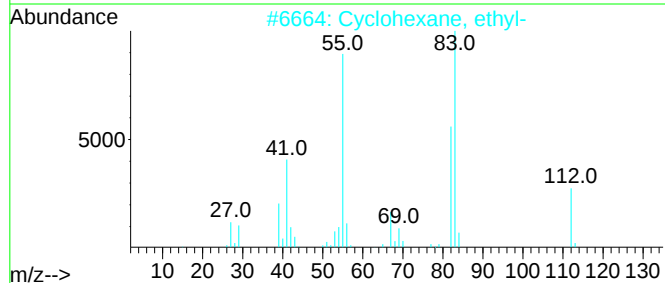
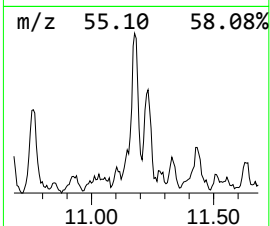
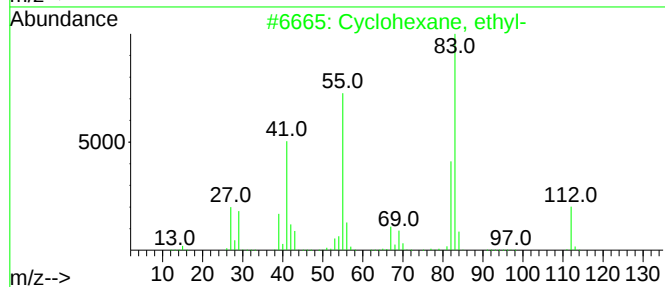
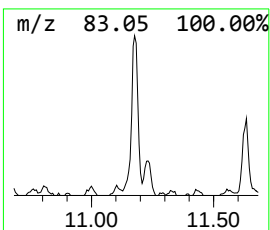
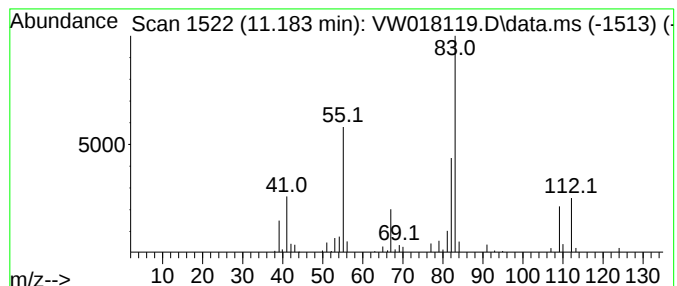
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Cyclic11.183 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.183	3.49 ug/L	51517	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	49
4			Methoxyacetic acid, cyclohexyl e...	172	C9H16O3	1000282-69-4	47
5			2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

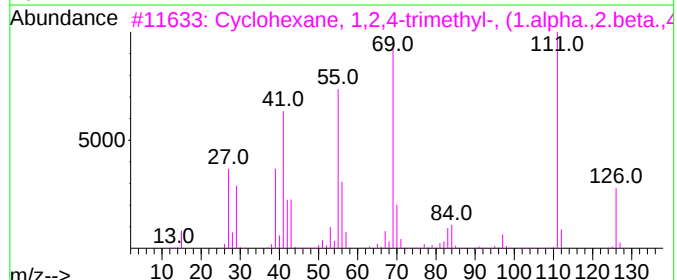
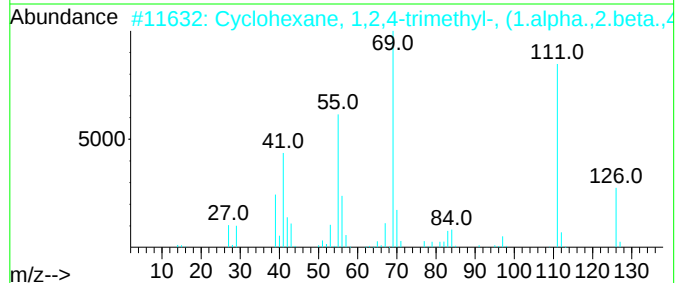
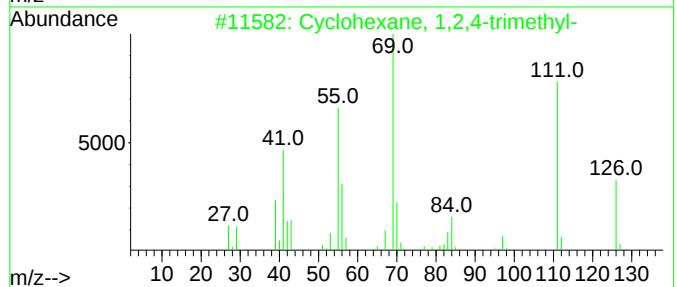
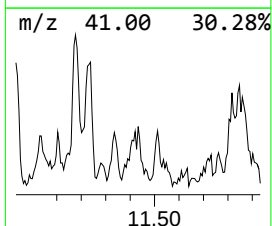
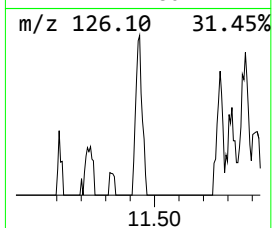
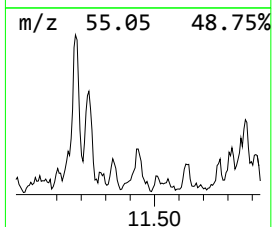
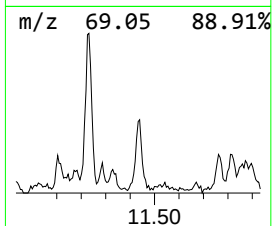
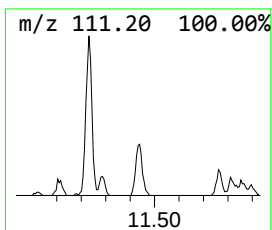
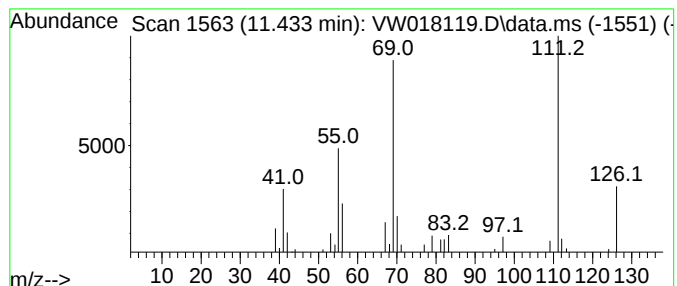
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic11.433 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	1.78 ug/L	26375	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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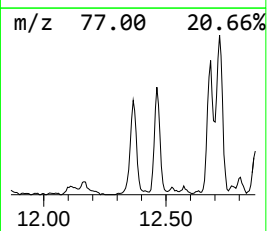
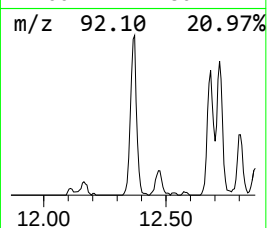
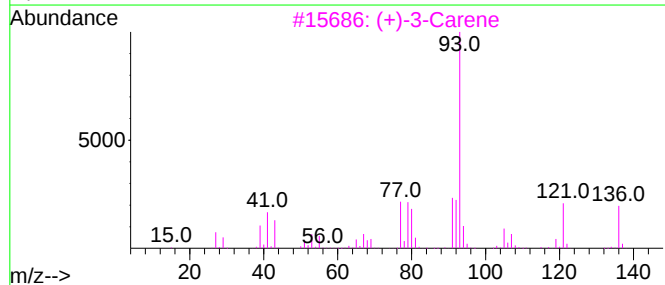
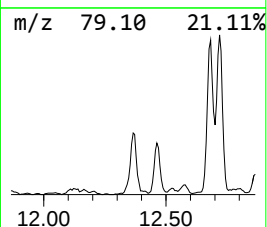
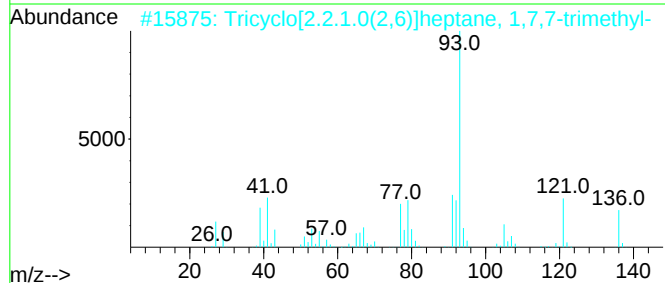
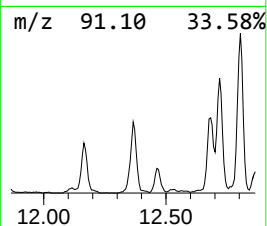
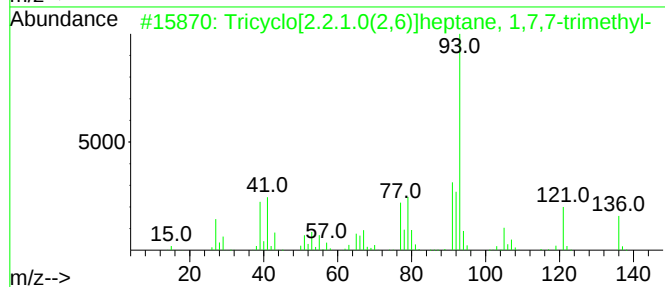
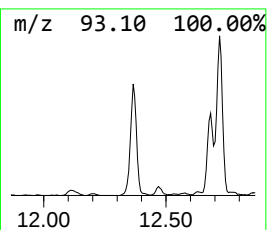
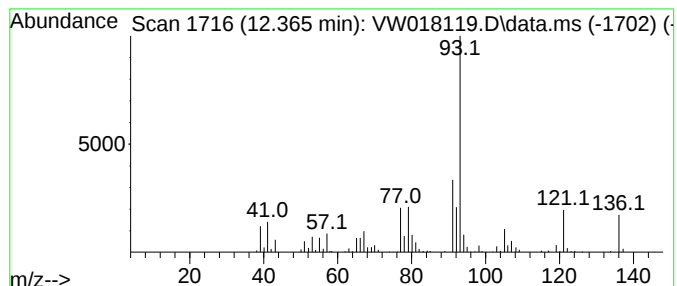
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Quant Title : VOC Analysis

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

Peak Number 21 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	16.86 ug/L	249143	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
3			(+)-3-Carene	136	C10H16	000498-15-7	94
4			3-Carene	136	C10H16	013466-78-9	94
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

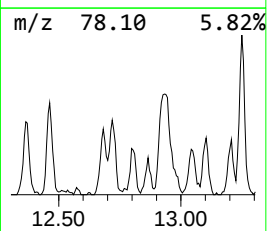
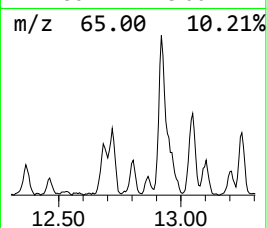
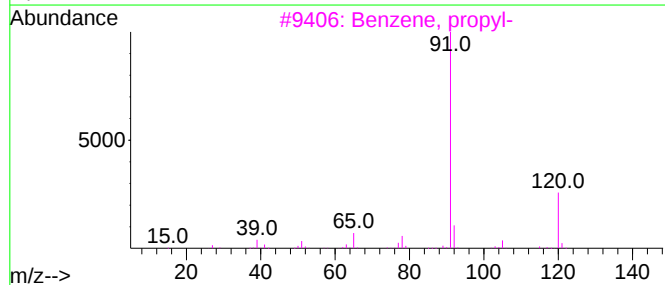
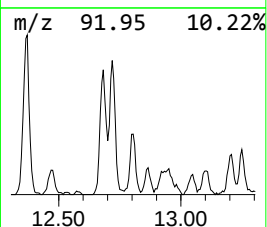
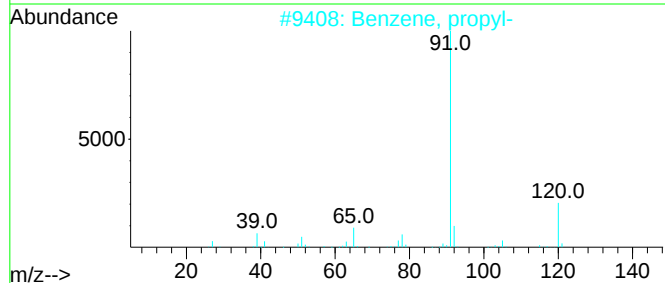
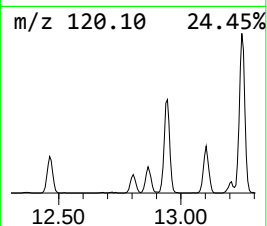
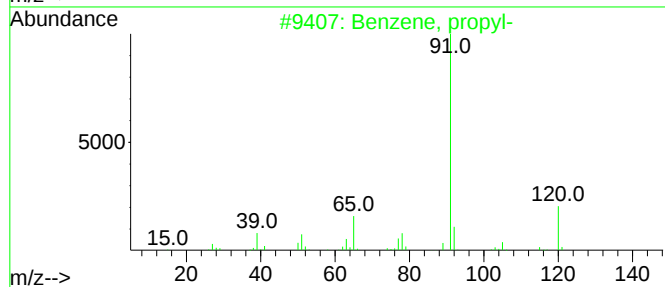
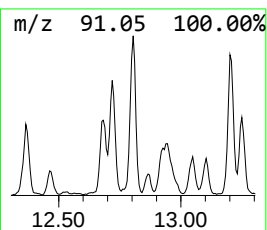
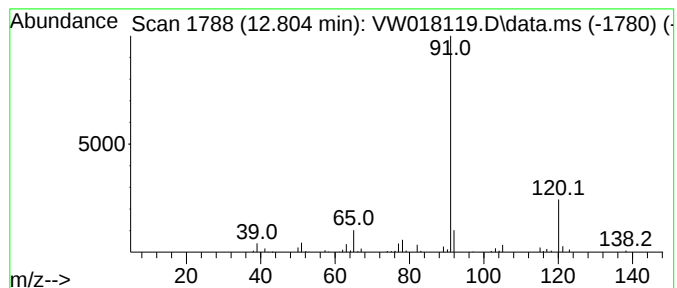
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	8.52 ug/L	89077	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	90
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	83
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

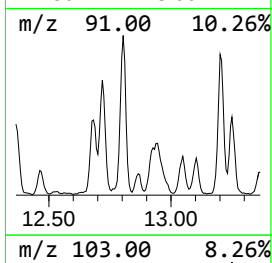
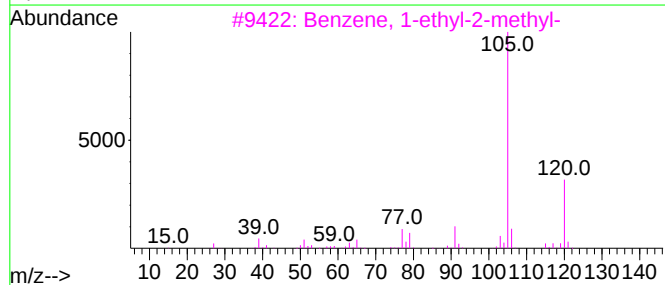
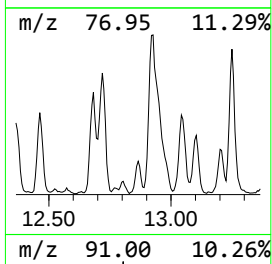
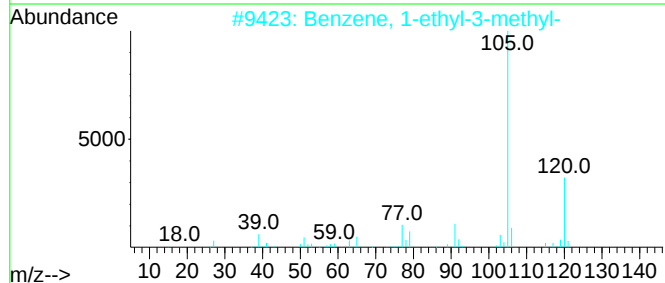
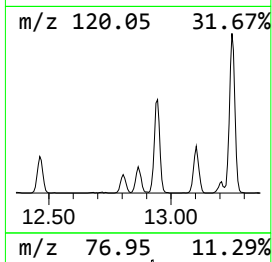
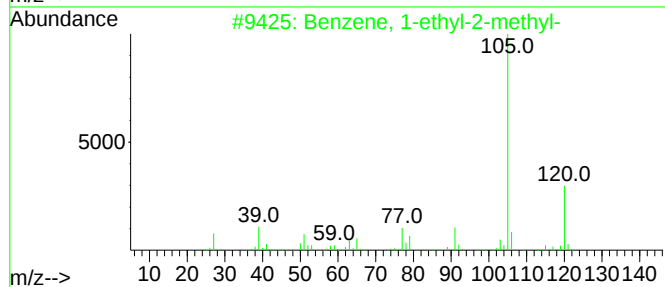
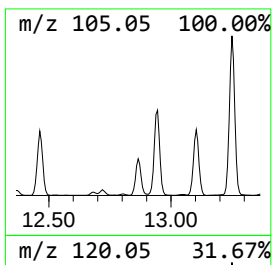
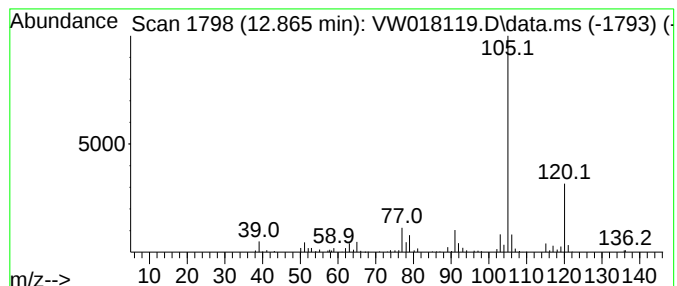
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	8.76 ug/L	91598	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

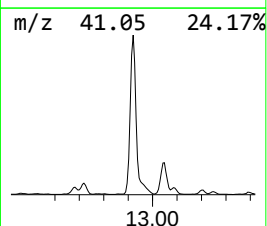
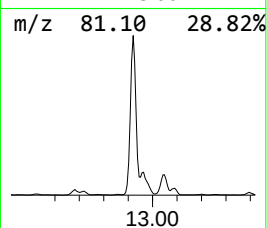
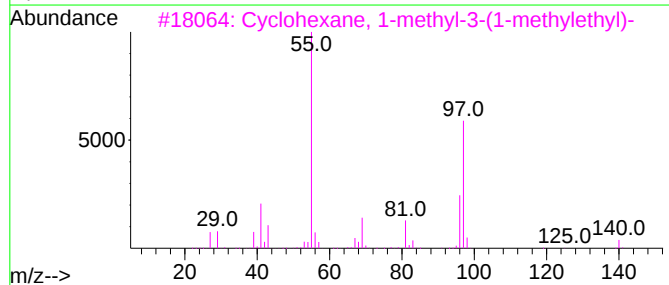
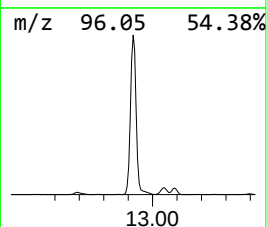
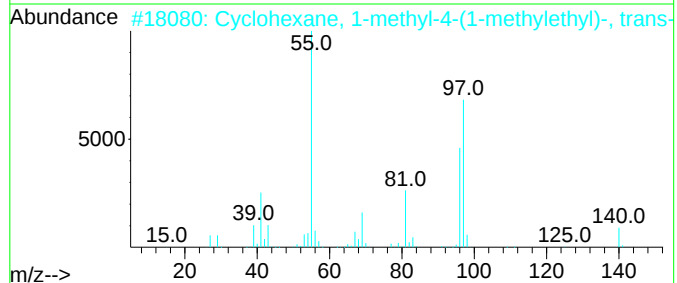
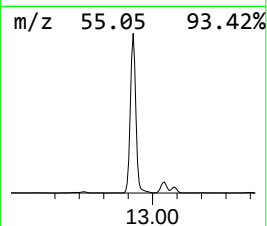
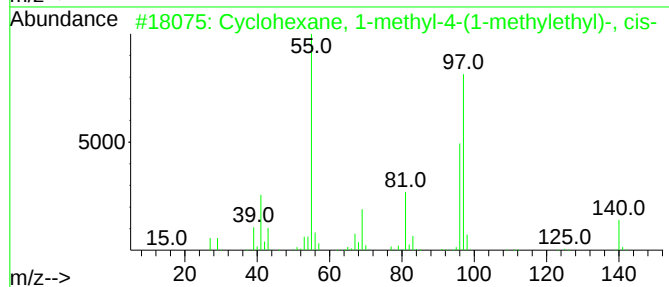
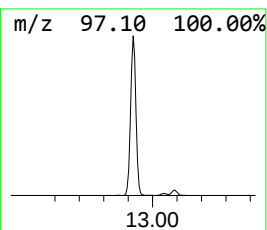
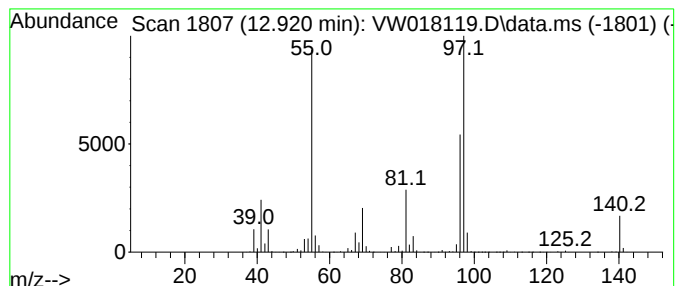
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic12.920 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	419.13 ug/L	4380650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	94
3			Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	91
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	91
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

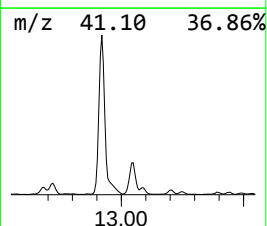
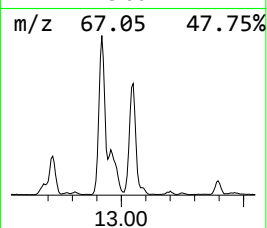
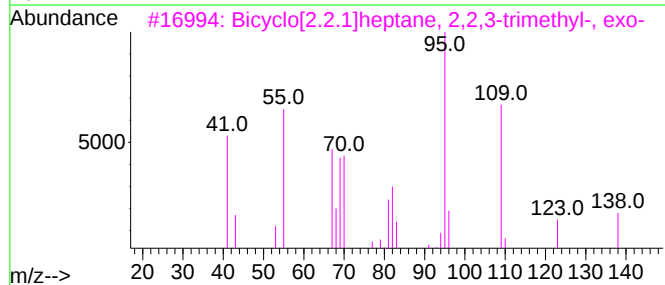
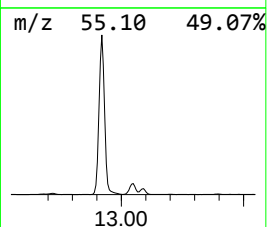
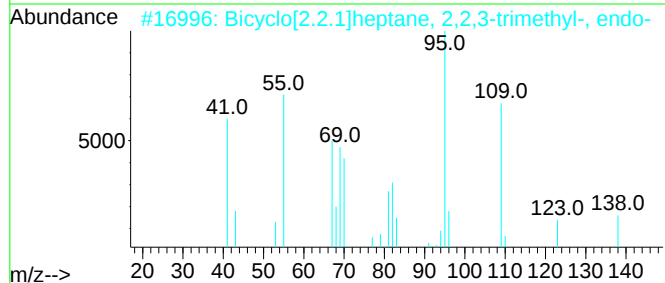
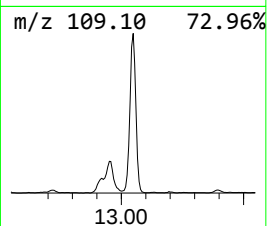
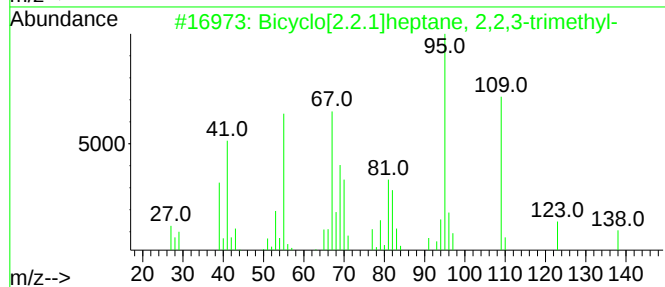
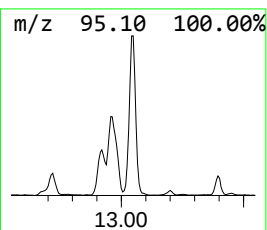
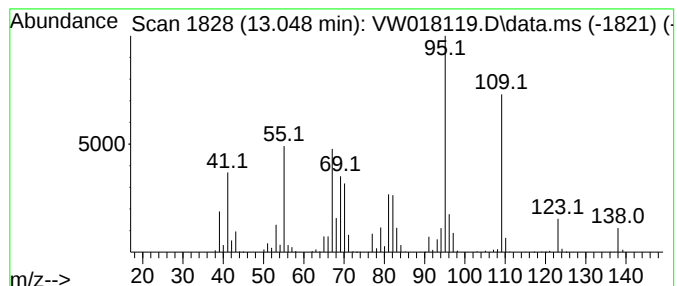
Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 26 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.048	78.89 ug/L	824587	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...		138	C10H18	000473-19-8	96
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...		138	C10H18	020536-40-7	96
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...		138	C10H18	020536-41-8	76
4	Bicyclo[2.2.1]heptane, 1,7,7-tri...		138	C10H18	000464-15-3	68
5	Cyclohexene, 3-methyl-6-(1-methy...		138	C10H18	005256-65-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

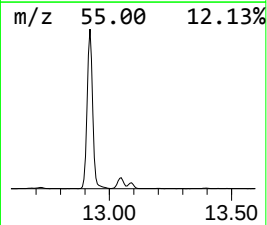
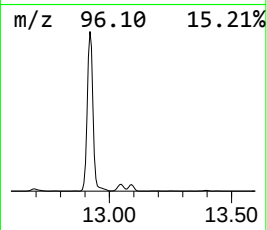
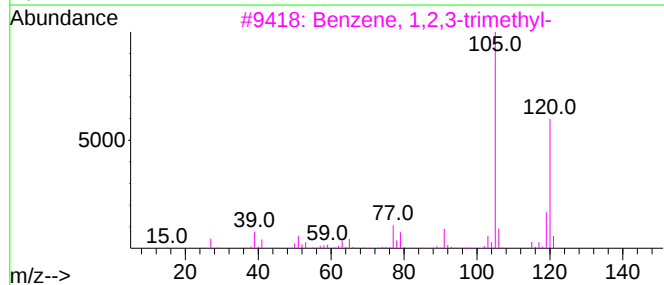
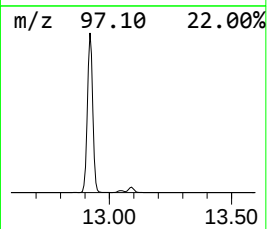
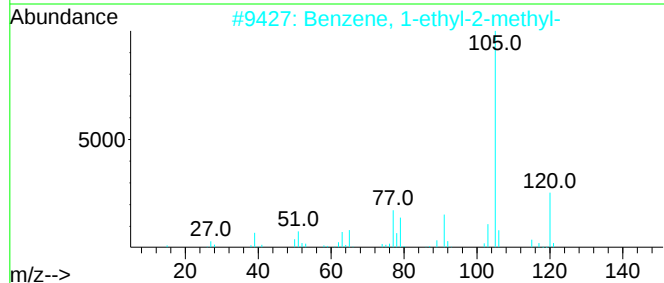
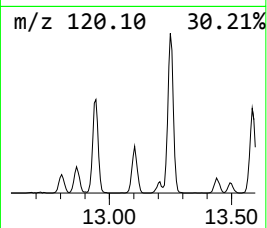
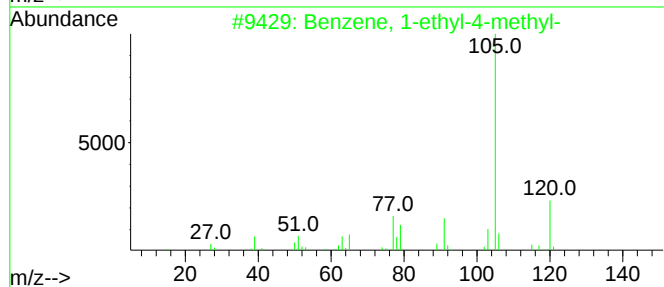
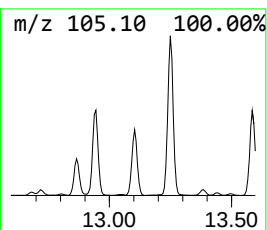
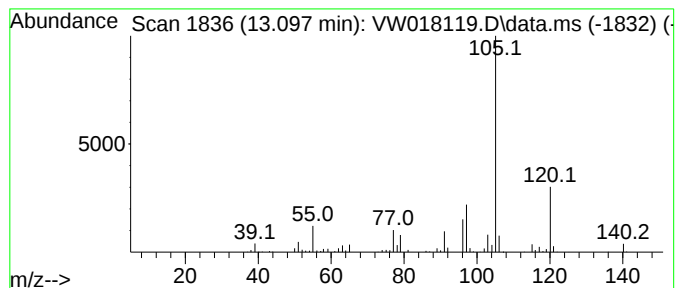
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.097	27.31 ug/L	285388	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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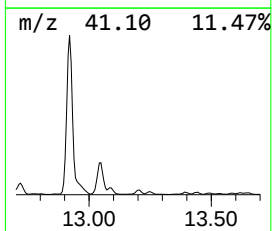
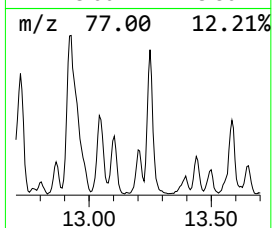
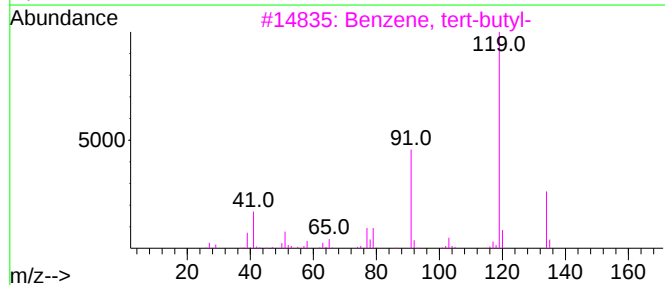
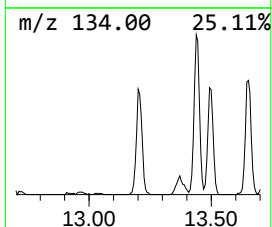
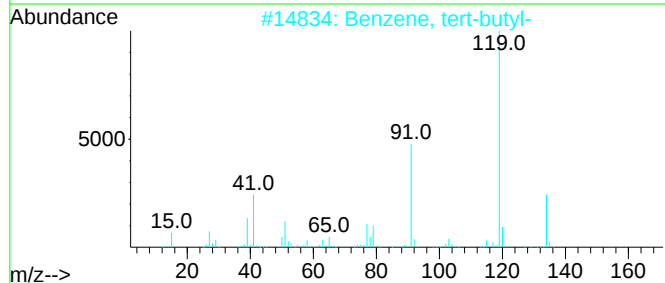
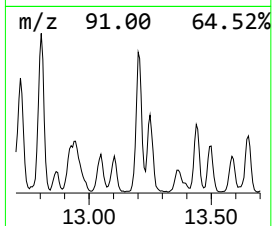
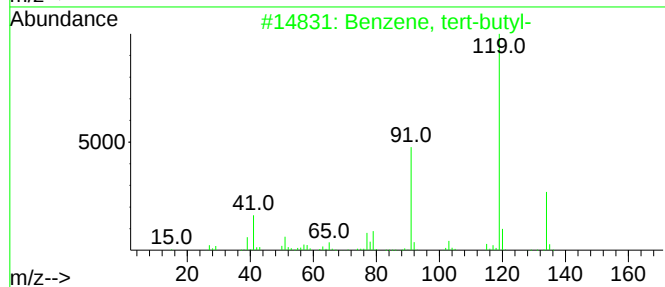
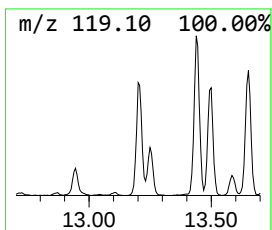
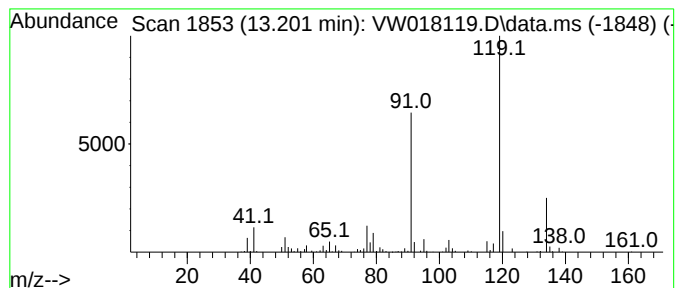
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.201	14.74 ug/L	154038	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, tert-butyl-	134	C10H14	000098-06-6	95
2			Benzene, tert-butyl-	134	C10H14	000098-06-6	91
3			Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4			o-Cymene	134	C10H14	000527-84-4	86
5			o-Cymene	134	C10H14	000527-84-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

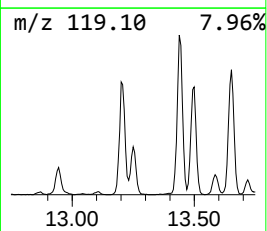
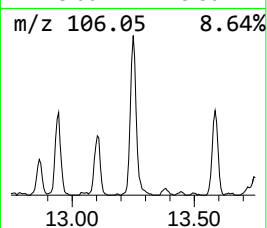
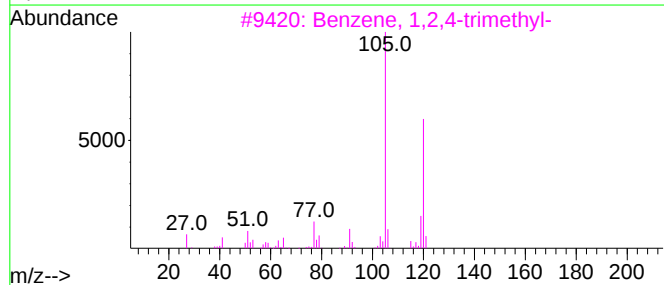
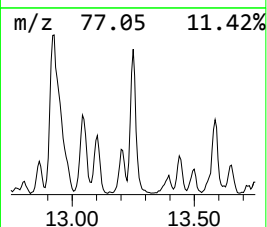
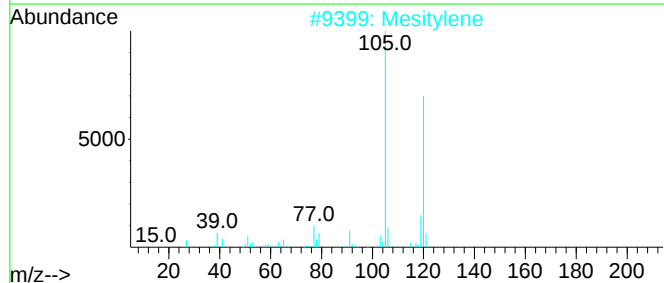
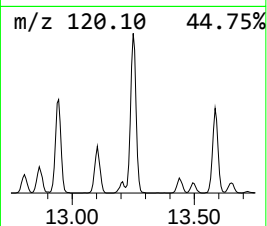
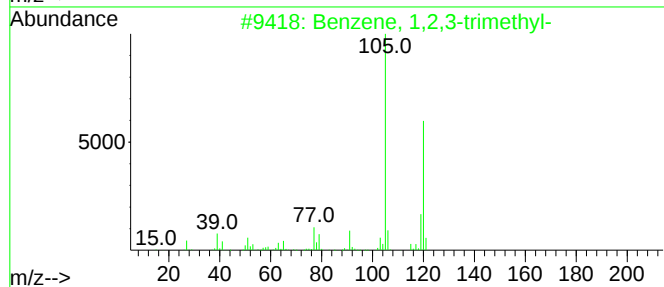
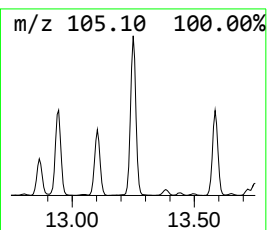
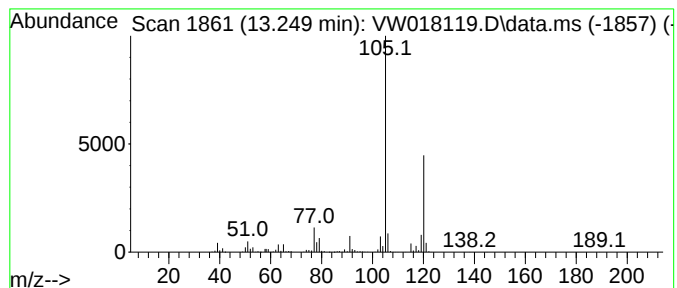
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Quant Title : VOC Analysis

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

Peak Number 29 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.249	41.50 ug/L	433774	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

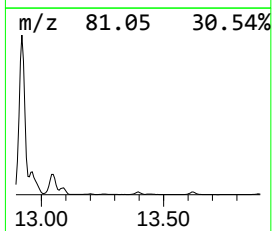
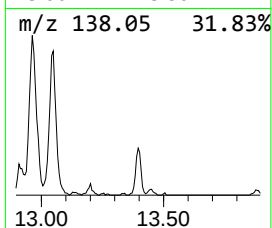
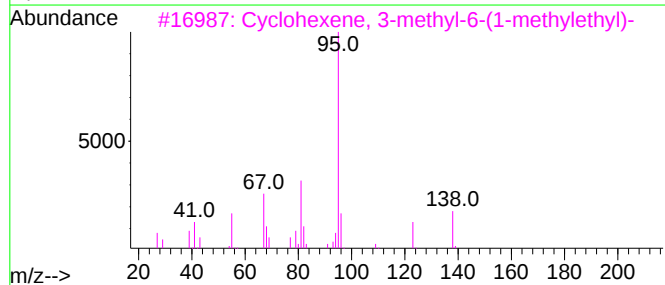
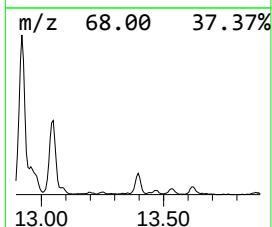
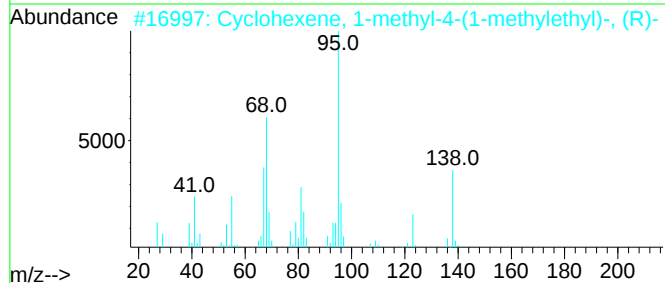
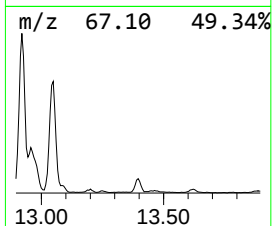
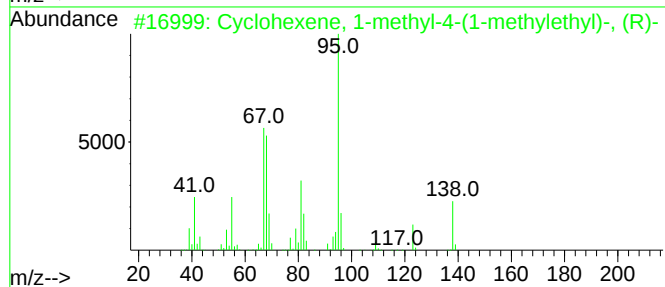
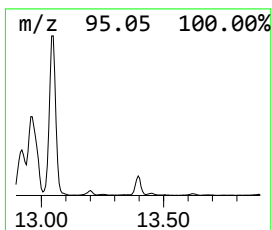
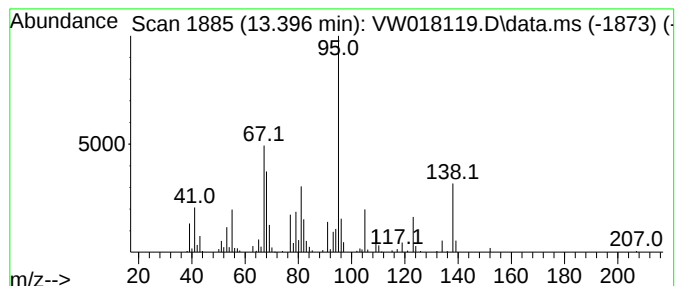
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Quant Title : VOC Analysis

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

Peak Number 30 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	10.30 ug/L	107662	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	91
2			Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	89
3			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	81
4			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	76
5			Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	005502-88-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

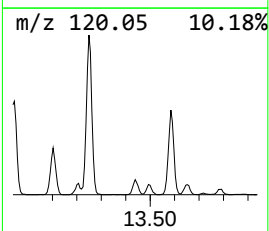
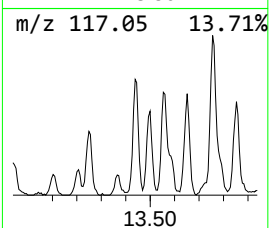
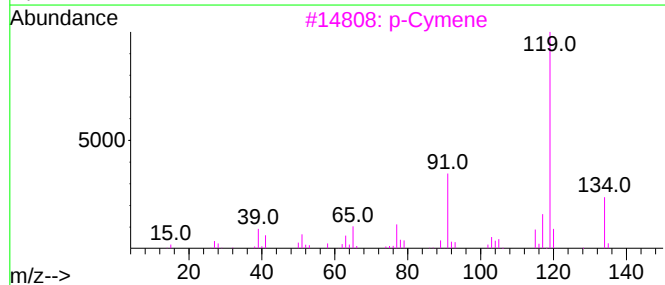
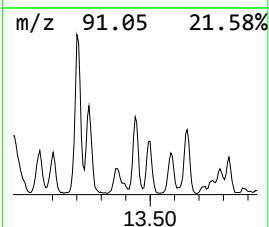
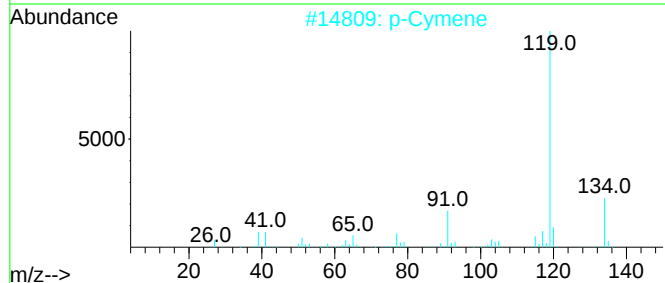
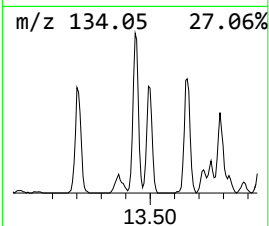
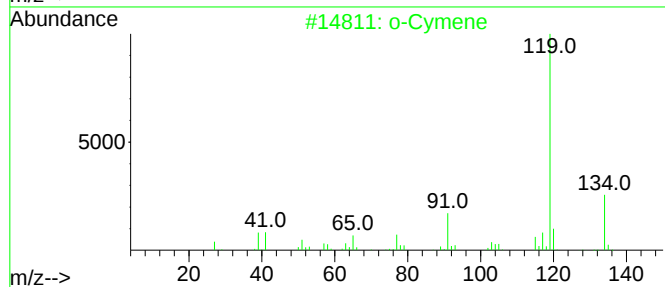
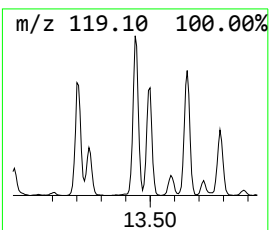
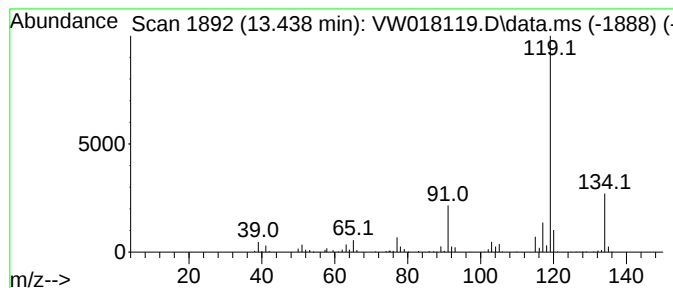
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Quant Title : VOC Analysis

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

Peak Number 31 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	14.80 ug/L	154656	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			p-Cymene	134	C10H14	000099-87-6	97
3			p-Cymene	134	C10H14	000099-87-6	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

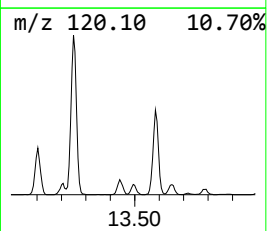
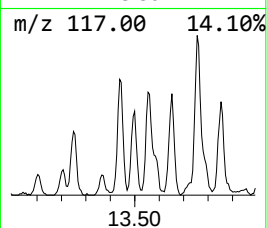
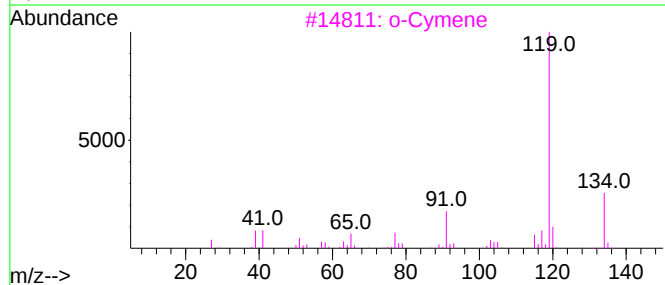
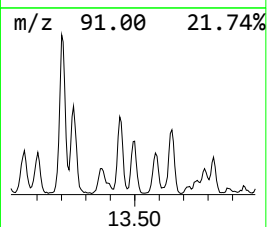
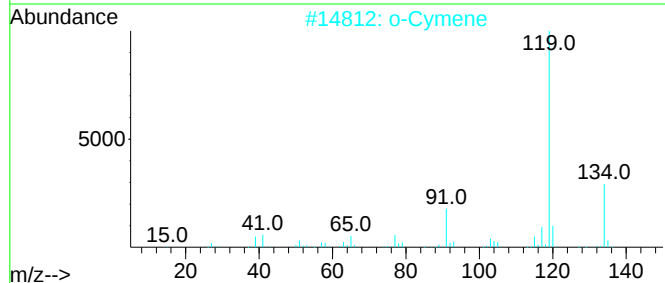
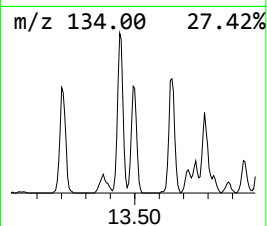
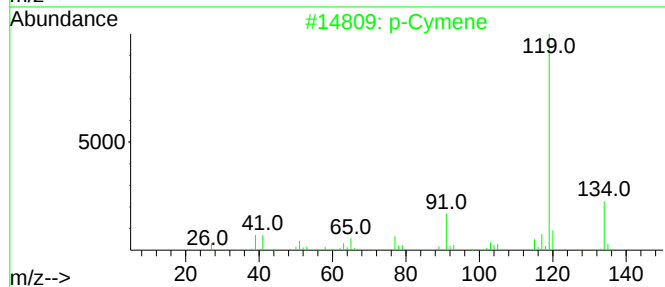
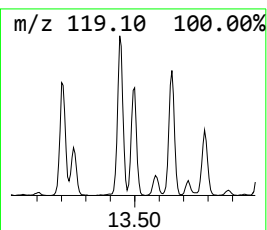
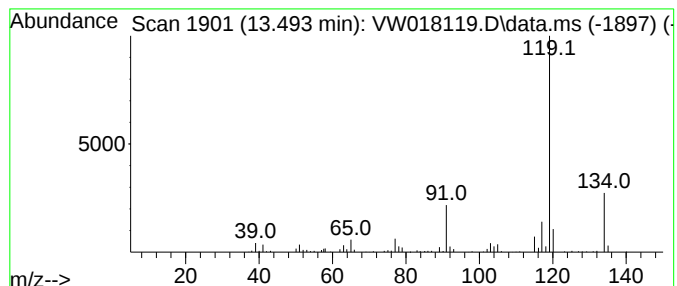
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Quant Title : VOC Analysis

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

Peak Number 32 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	9.57 ug/L	100001	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			o-Cymene	134	C10H14	000527-84-4	97
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

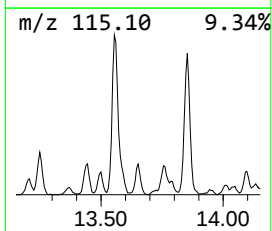
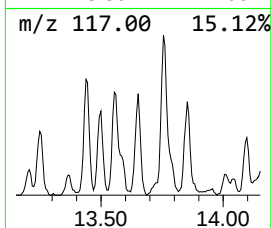
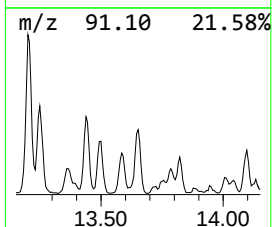
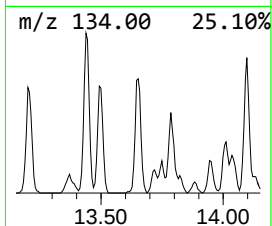
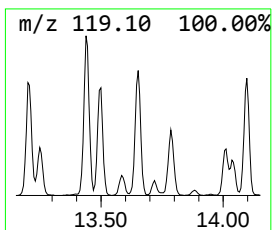
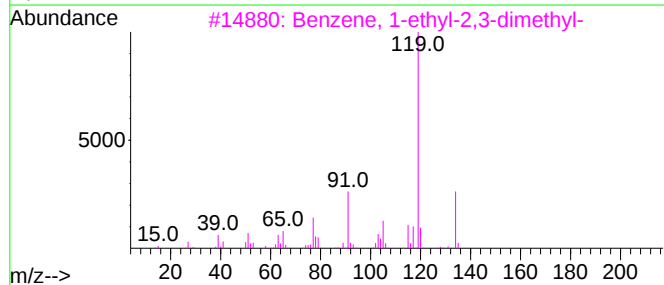
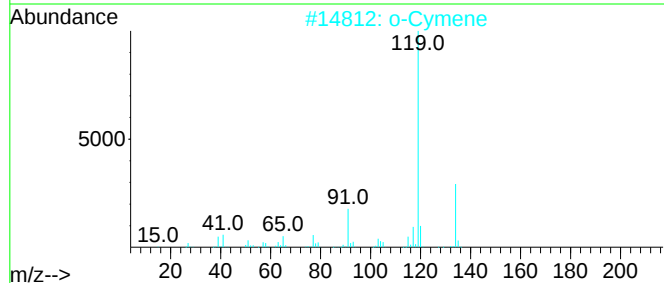
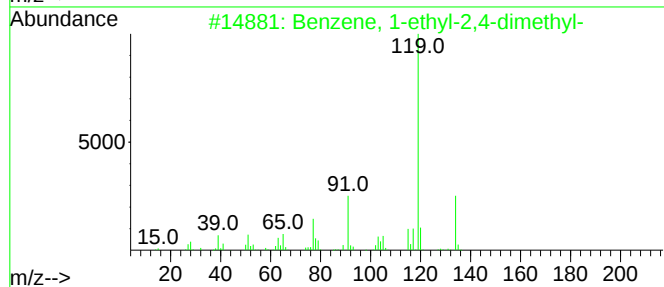
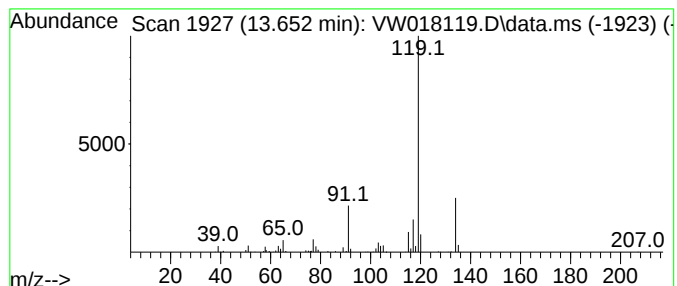
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.652	14.12 ug/L	147536	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2			o-Cymene	134	C10H14	000527-84-4	91
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

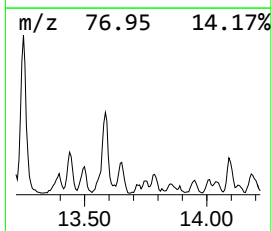
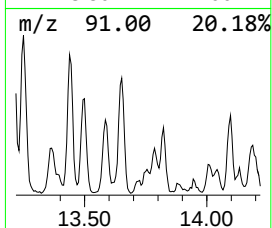
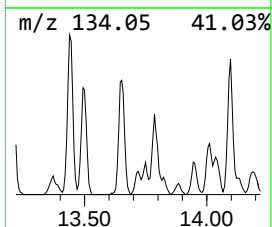
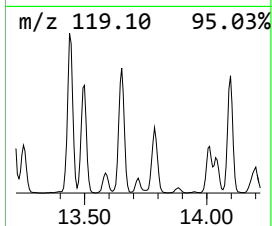
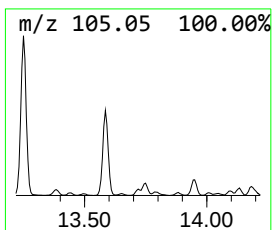
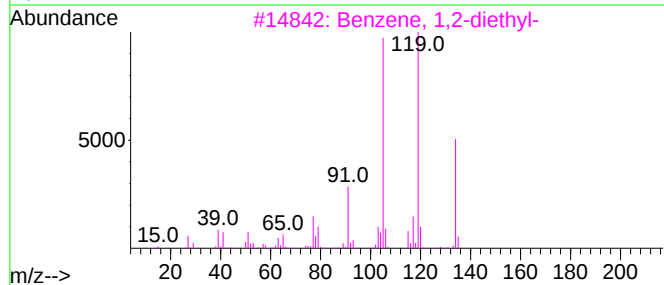
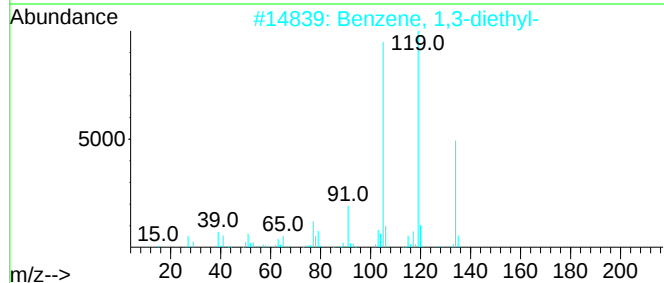
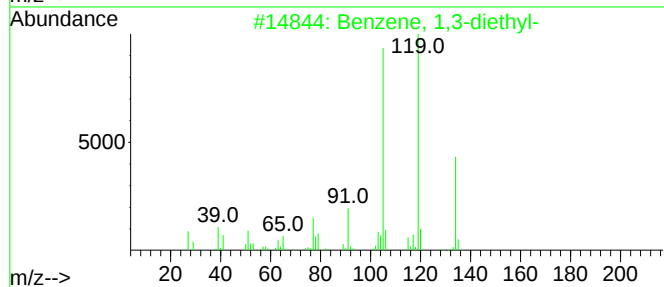
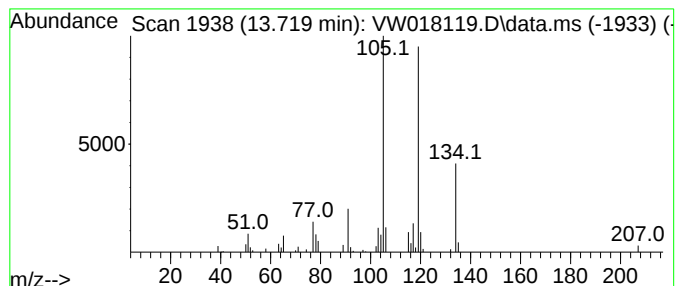
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1,3-diethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	2.28 ug/L	23810	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

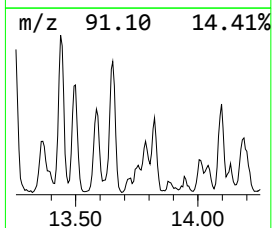
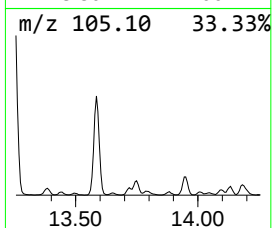
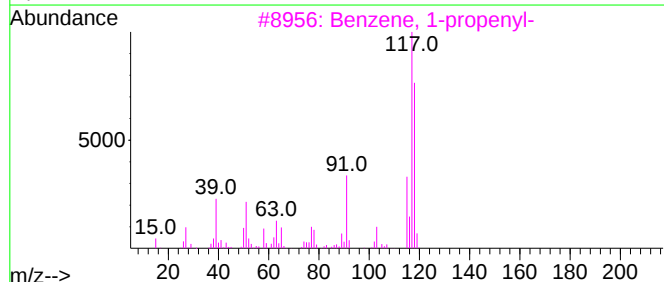
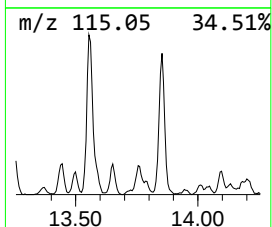
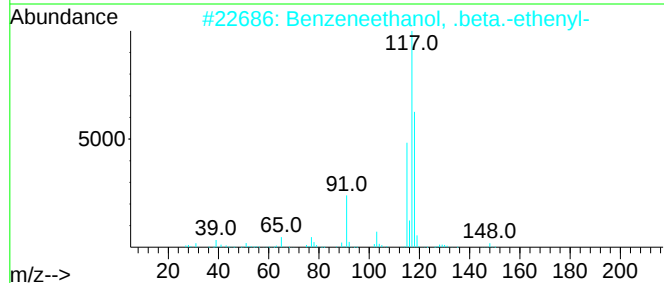
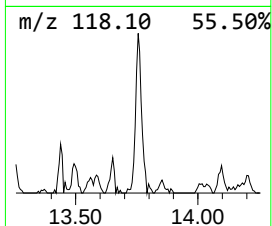
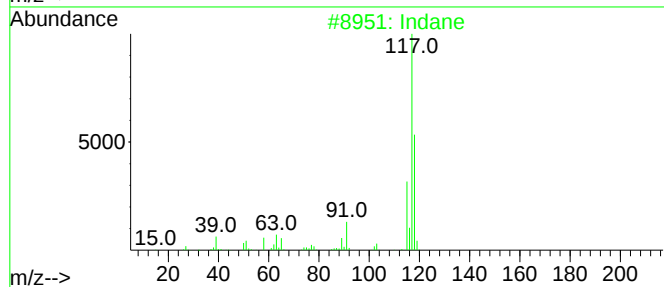
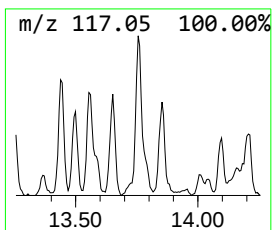
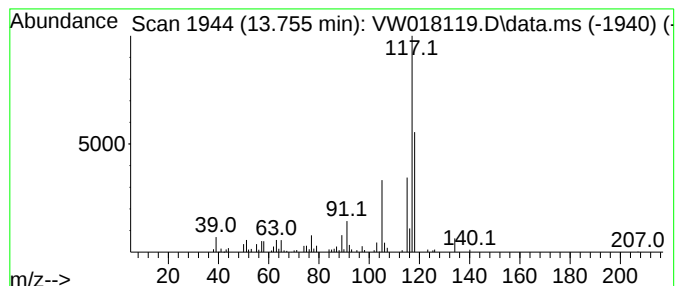
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Quant Title : VOC Analysis

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

Peak Number 35 Indane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	4.49 ug/L	46961	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4			Indane	118	C9H10	000496-11-7	62
5			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

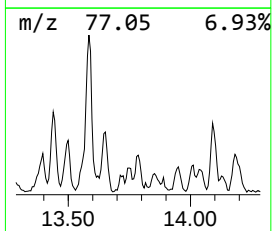
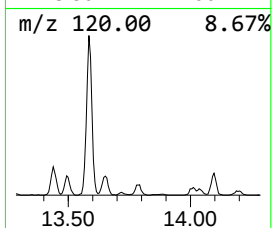
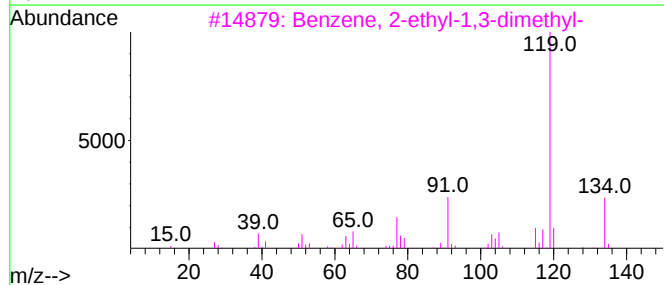
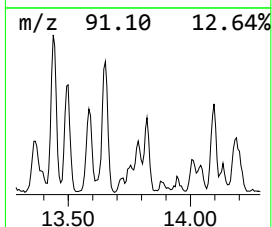
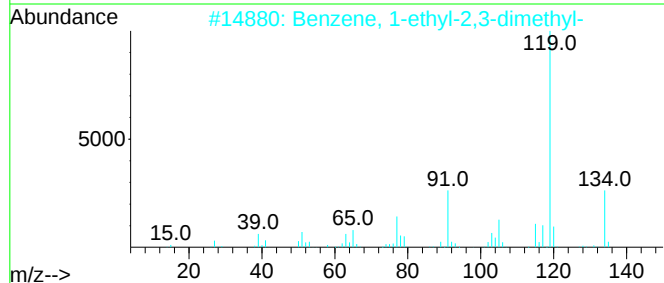
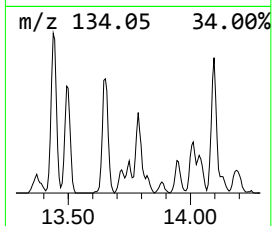
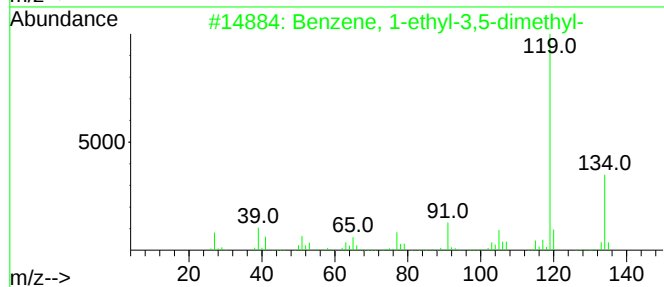
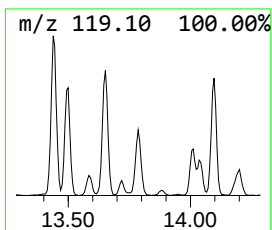
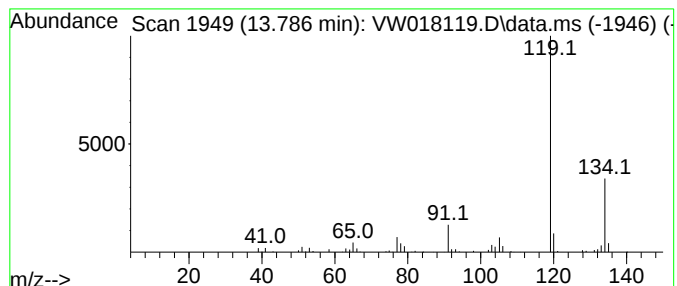
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	5.29 ug/L	55335	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

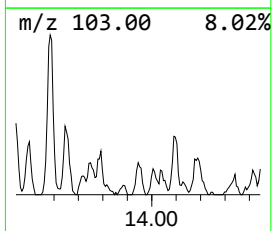
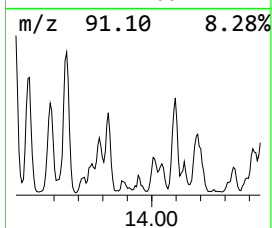
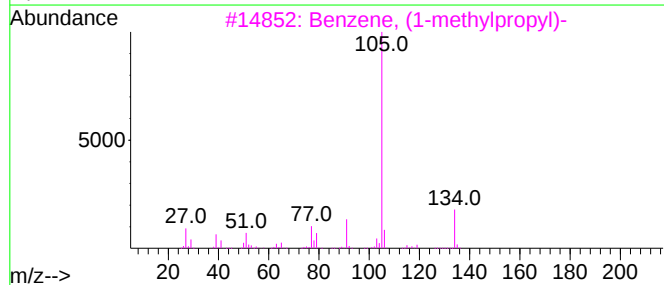
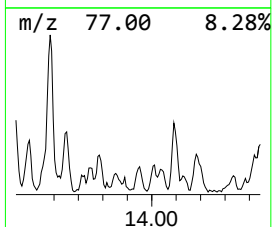
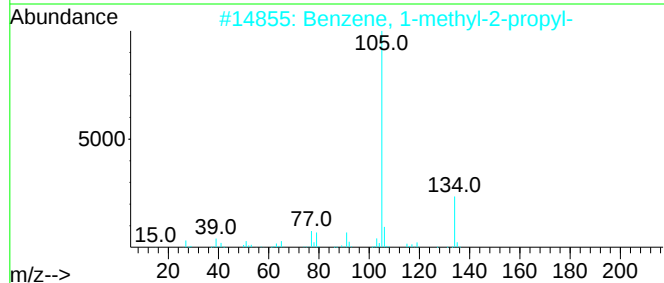
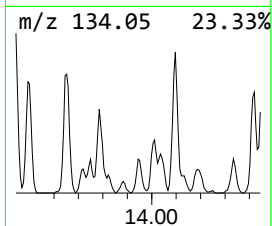
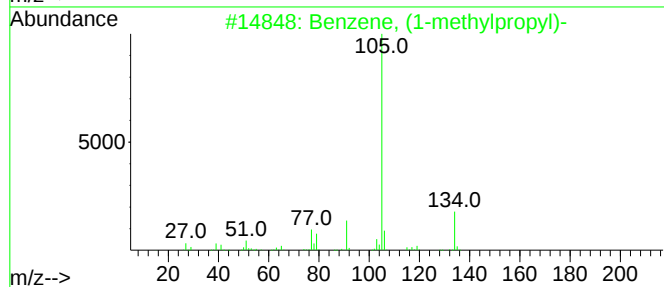
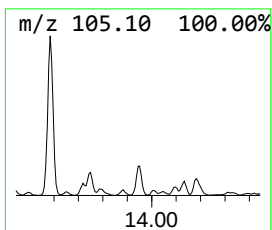
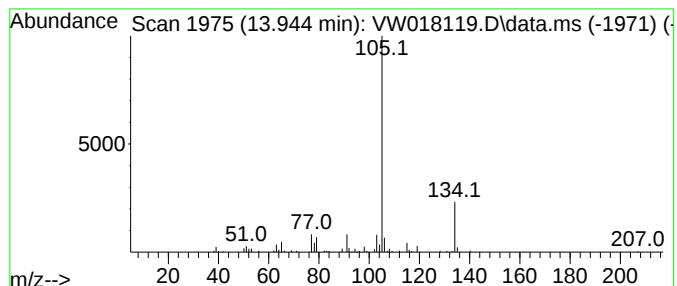
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Quant Title : VOC Analysis

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

Peak Number 37 Benzene, (1-methylpropyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	3.70 ug/L	38628	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	78
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

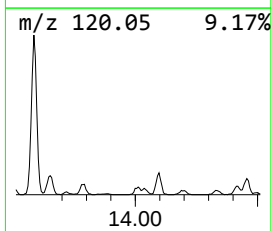
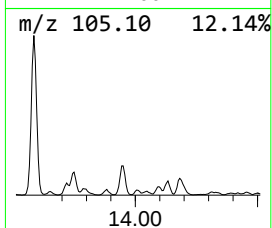
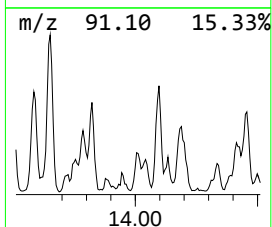
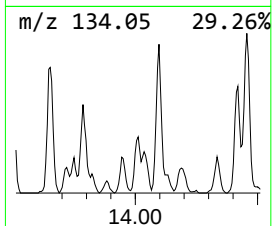
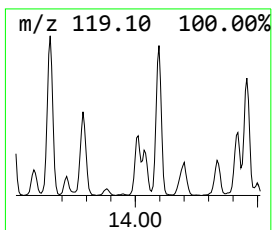
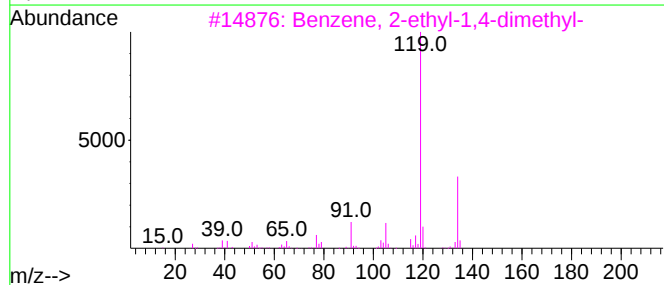
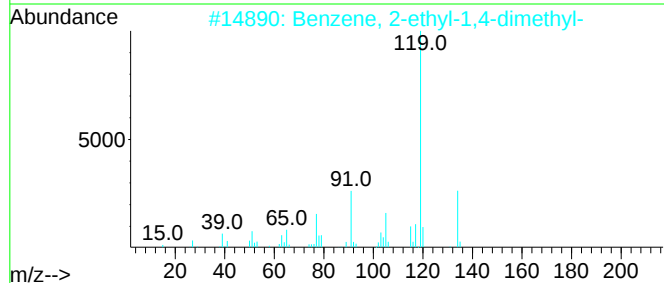
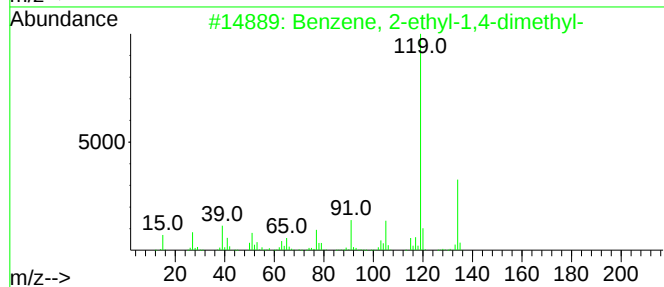
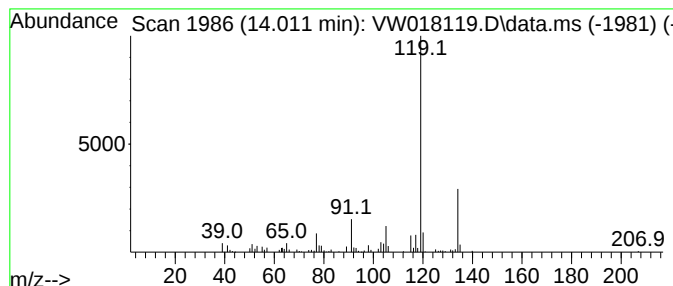
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	5.01 ug/L	52409	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			p-Cymene	134	C10H14	000099-87-6	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

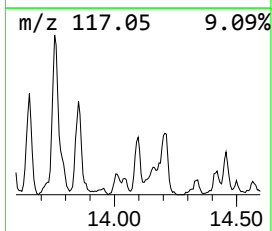
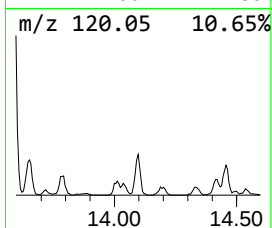
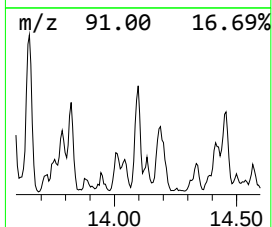
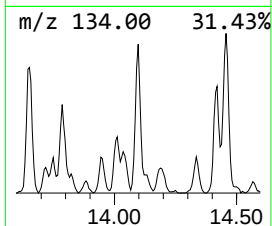
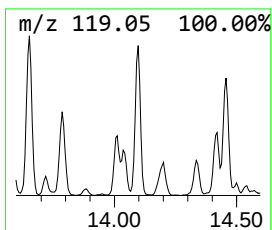
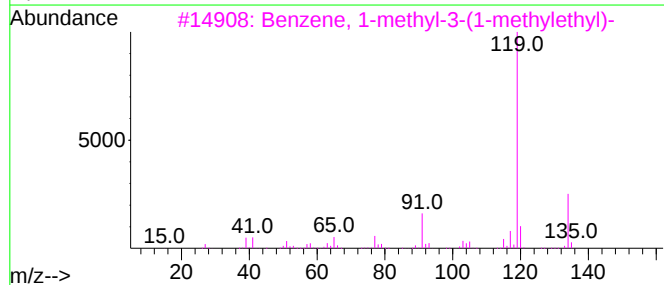
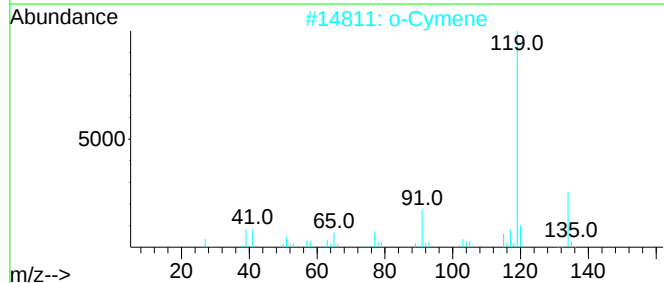
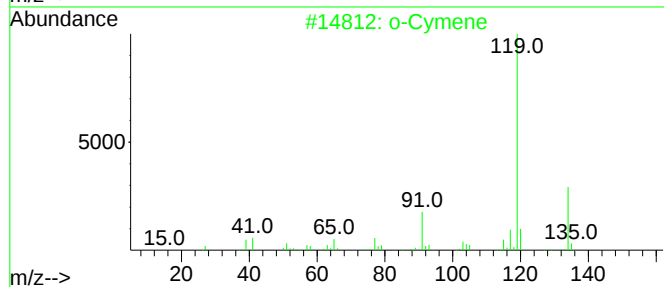
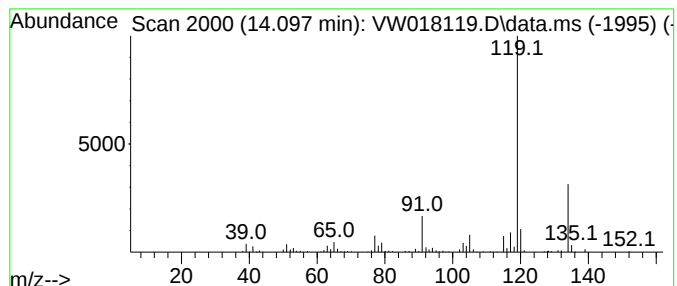
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	10.11 ug/L	105651	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			o-Cymene	134	C10H14	000527-84-4	97
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

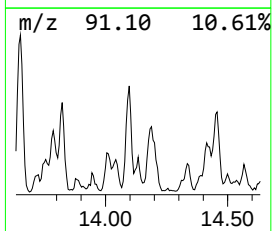
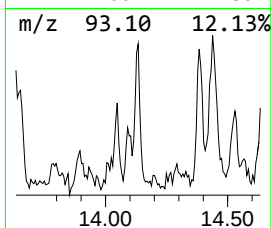
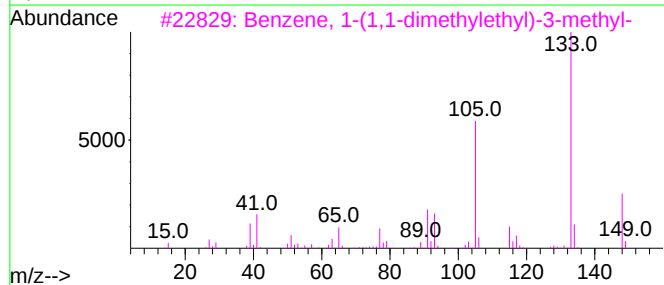
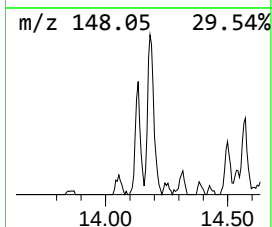
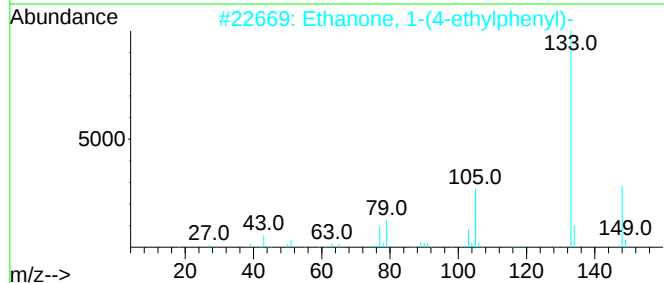
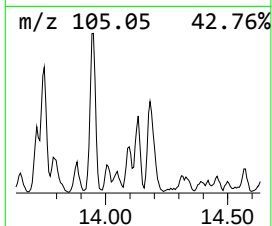
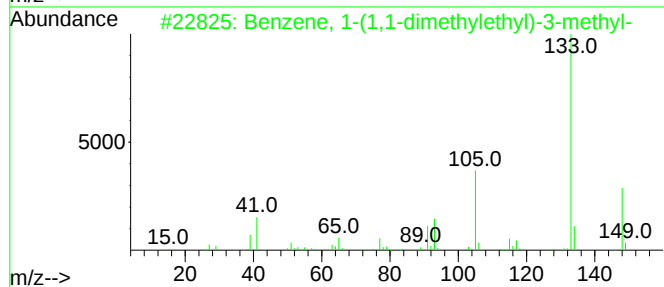
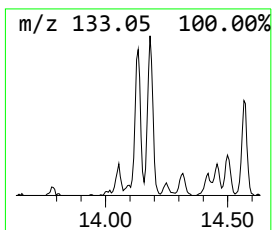
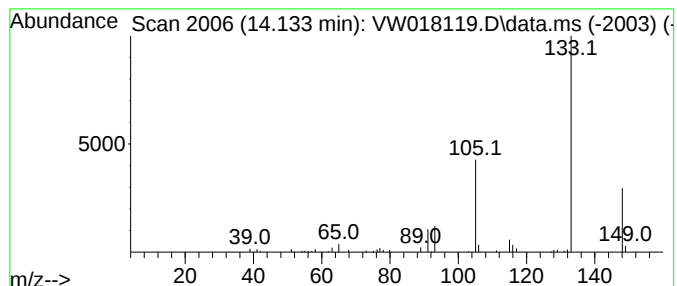
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1-(1,1-dimethyleth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	3.21 ug/L	33543	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	91
2			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	80
3			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	74
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

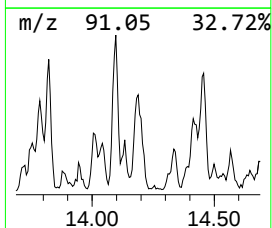
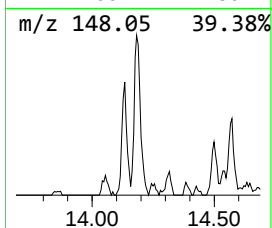
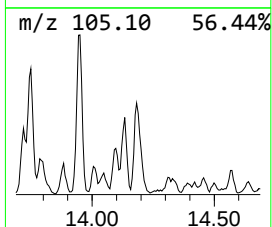
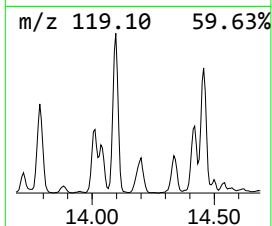
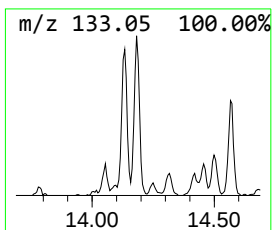
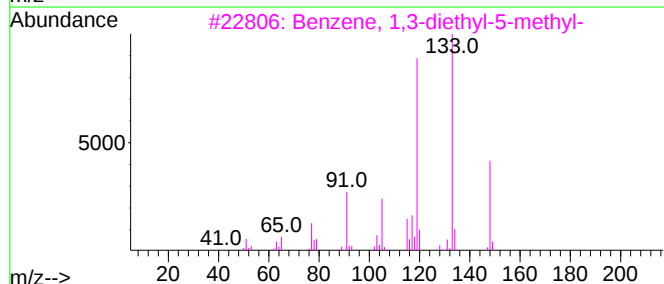
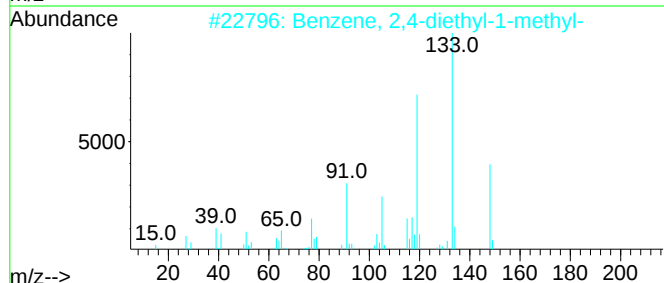
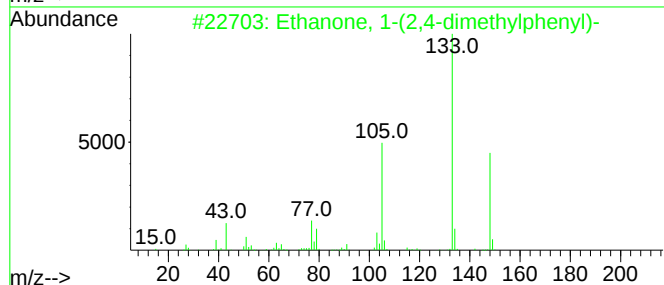
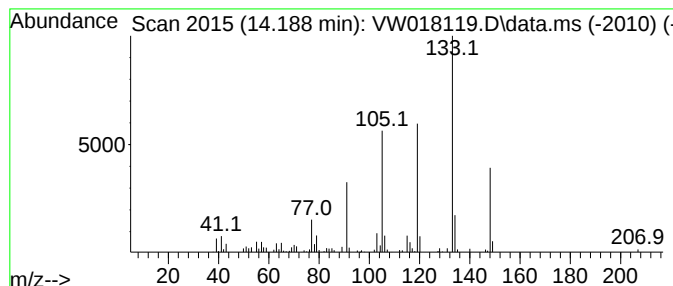
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Quant Title : VOC Analysis

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

Peak Number 41 Ethanone, 1-(2,4-dimethylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	10.38 ug/L	108505	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	95
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
4			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

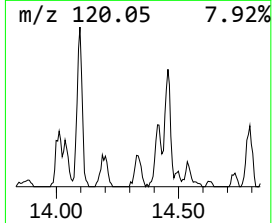
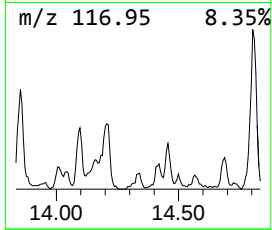
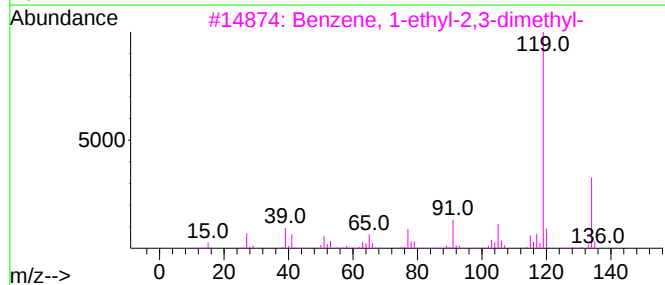
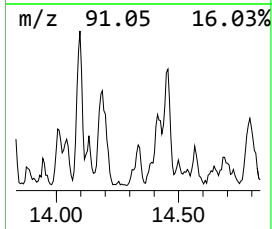
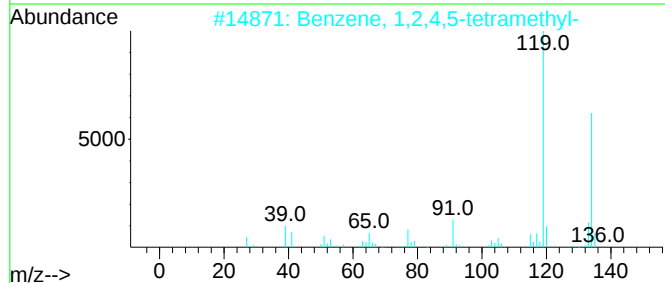
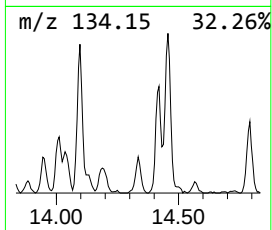
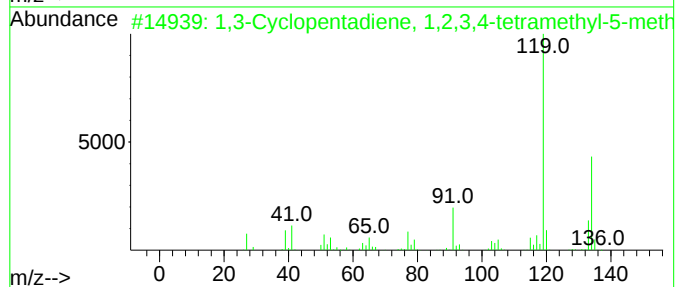
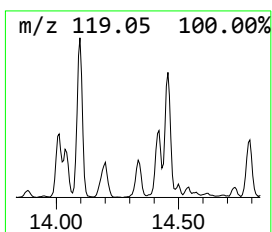
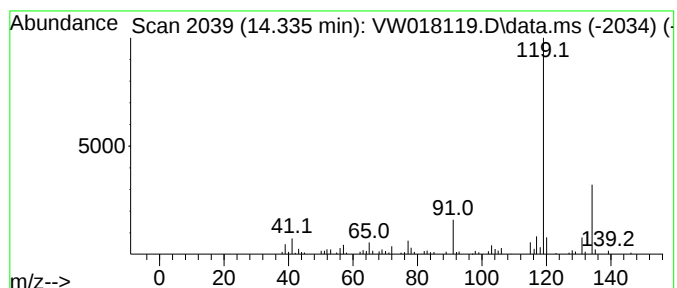
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Quant Title : VOC Analysis

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

Peak Number 42 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	2.97 ug/L	31070	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

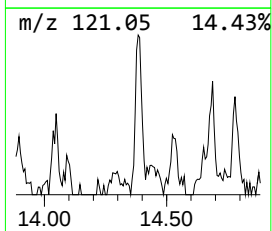
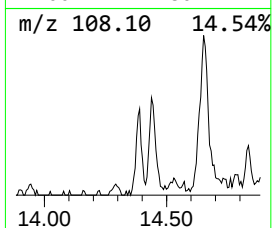
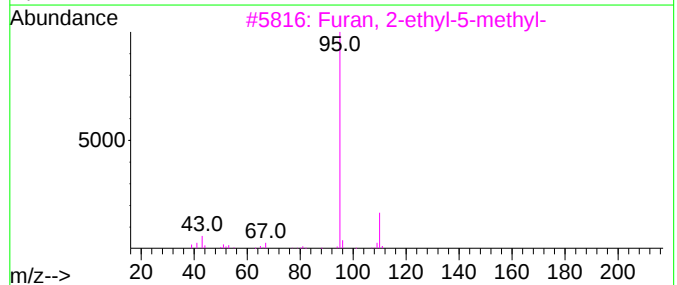
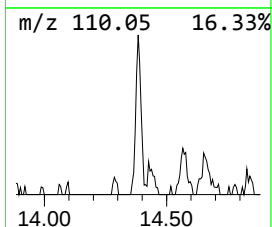
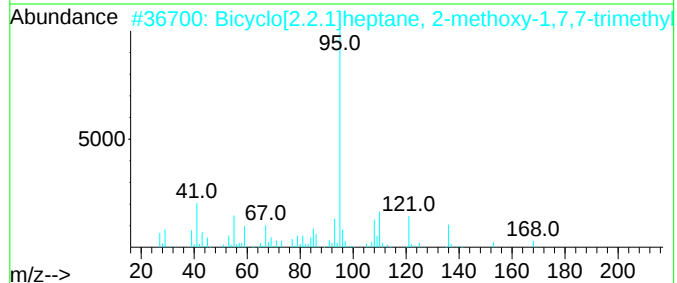
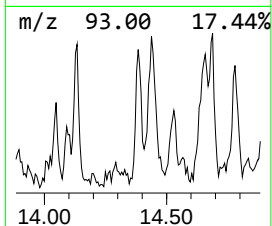
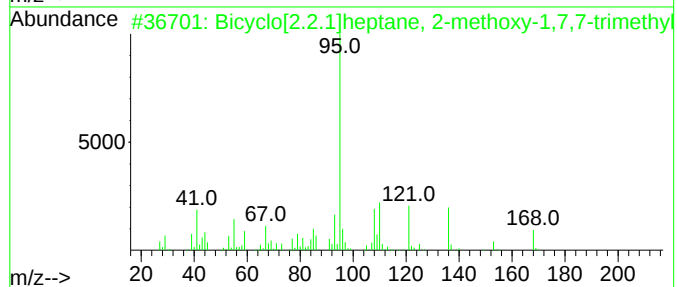
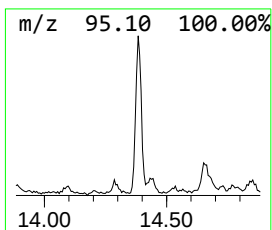
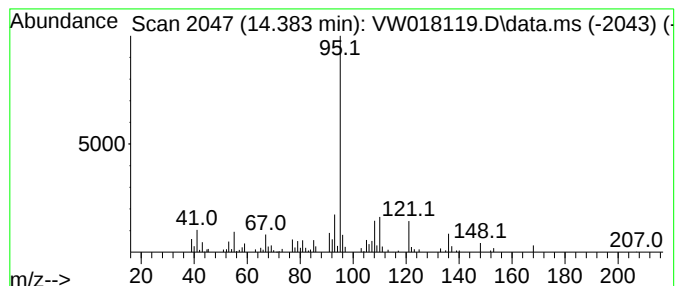
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Quant Title : VOC Analysis

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

Peak Number 43 Bicyclo[2.2.1]heptane, 2-me... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.38 ug/L	35279	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2-methoxy...	168	C11H20O	004443-51-0	87
2			Bicyclo[2.2.1]heptane, 2-methoxy...	168	C11H20O	004443-51-0	78
3			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50
4			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	50
5			2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

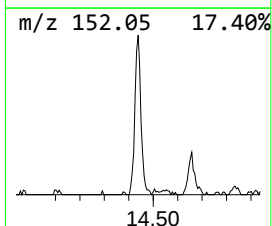
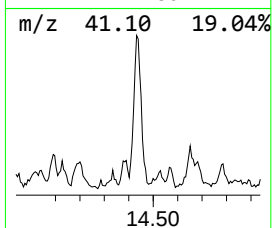
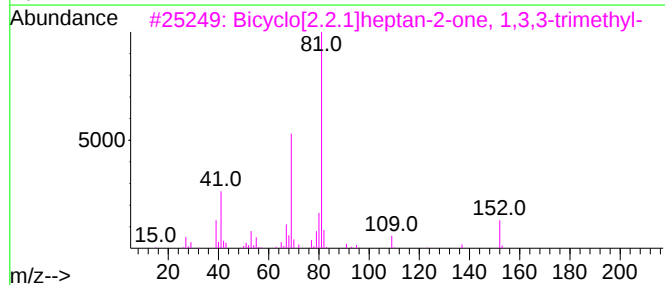
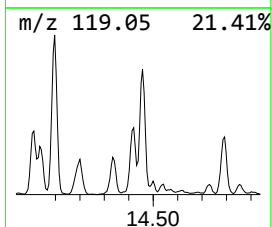
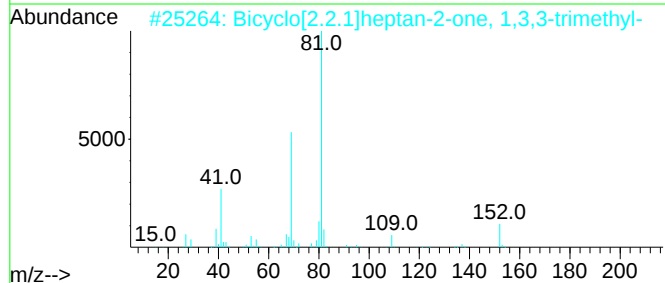
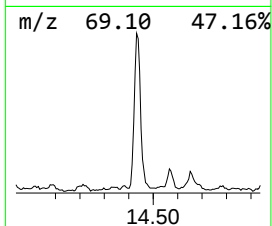
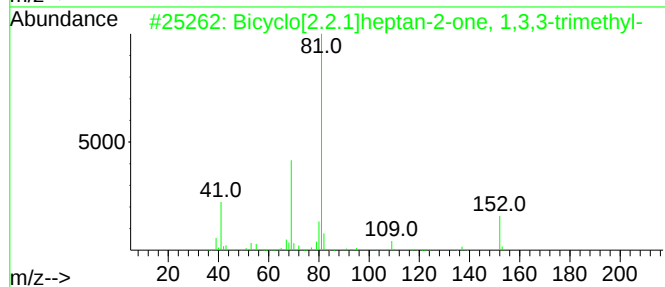
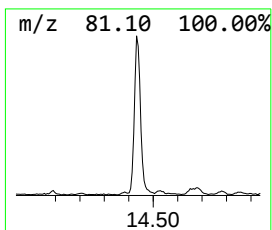
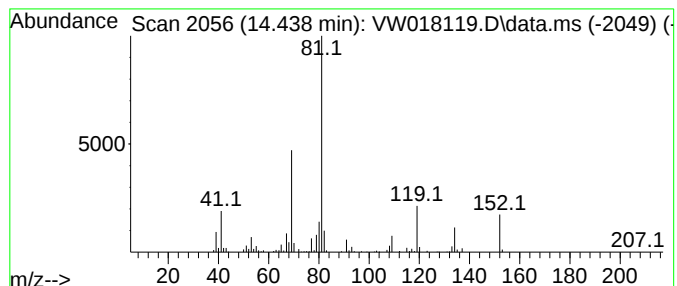
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Quant Title : VOC Analysis

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

Peak Number 44 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.438	25.00 ug/L	261322	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	81
2			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	81
3			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	81
4			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	81
5			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

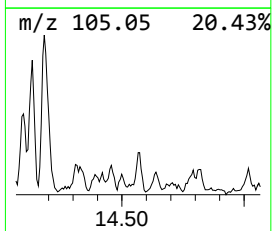
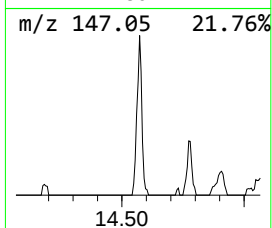
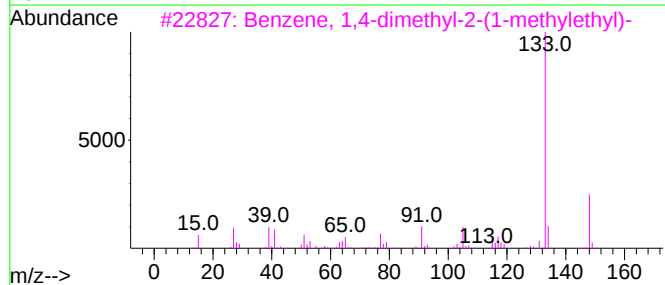
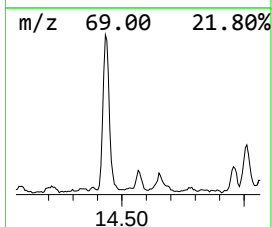
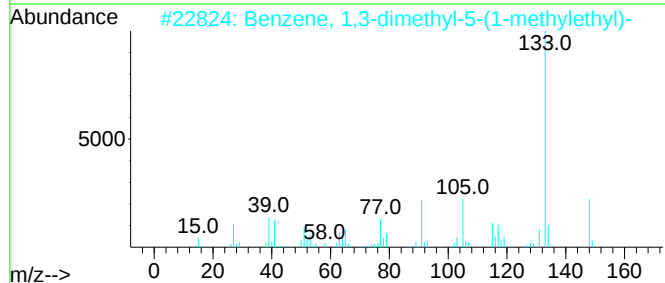
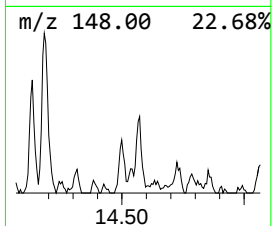
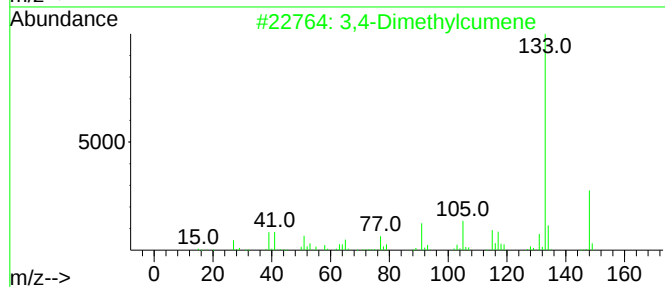
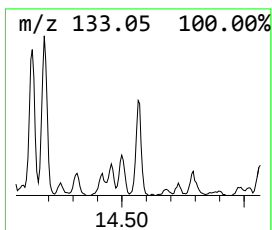
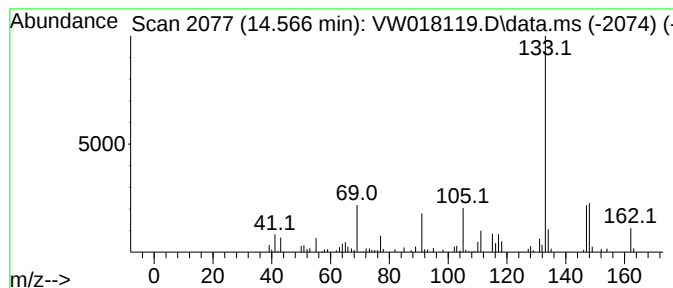
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Quant Title : VOC Analysis

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

Peak Number 45 3,4-Dimethylcumene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.566	4.04 ug/L	42245	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
3			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	70
4			1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	68
5			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

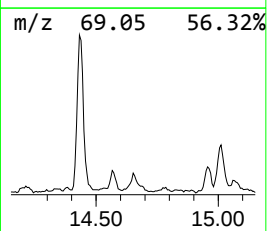
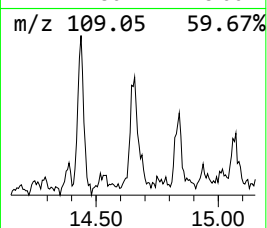
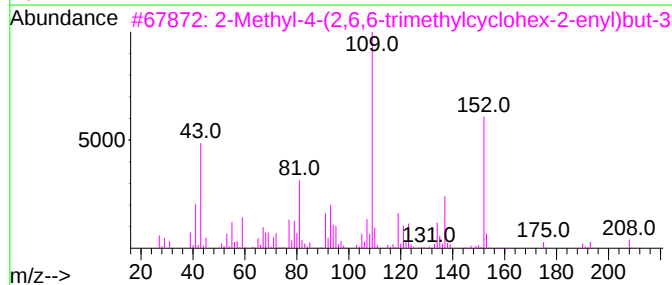
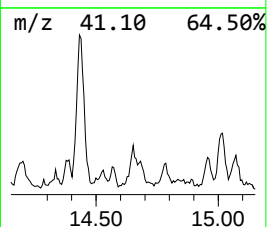
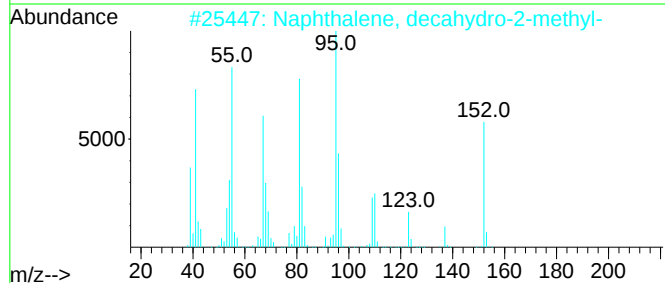
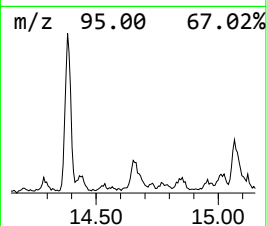
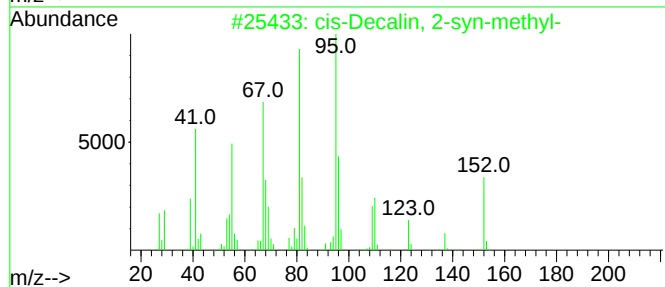
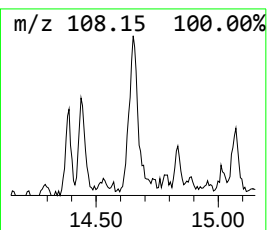
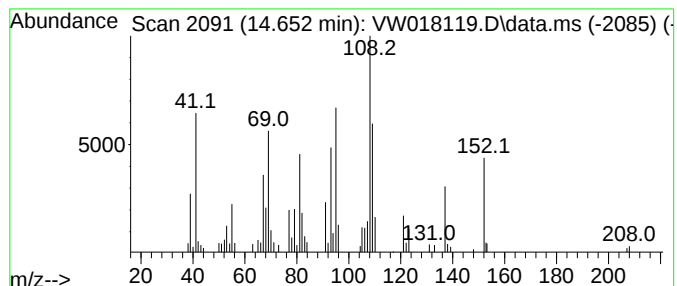
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Quant Title : VOC Analysis

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

Peak Number 46 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.652	3.01 ug/L	31443	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	42
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
3			2-Methyl-4-(2,6,6-trimethylcyclo...	208	C14H24O	056763-65-6	38
4			Camphor	152	C10H16O	000076-22-2	35
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

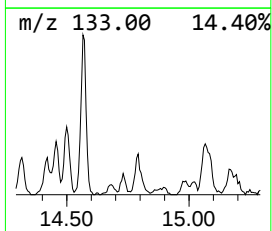
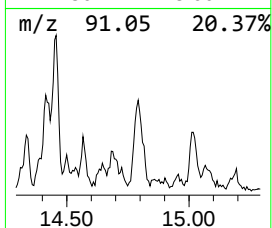
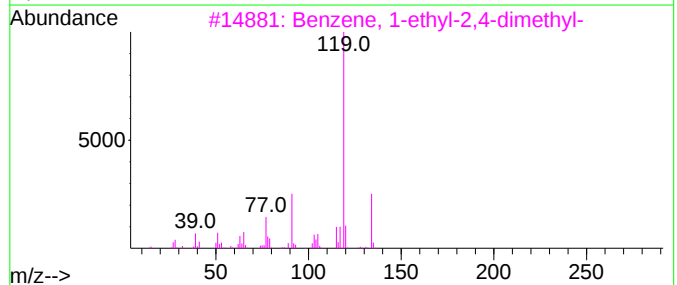
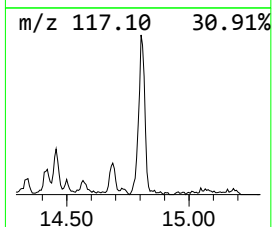
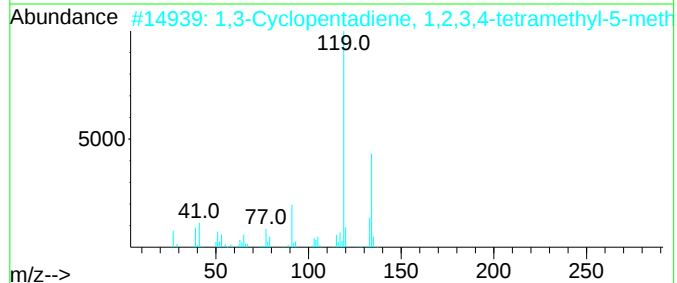
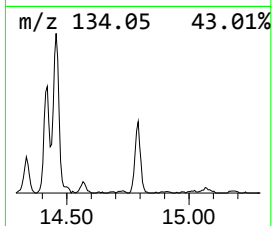
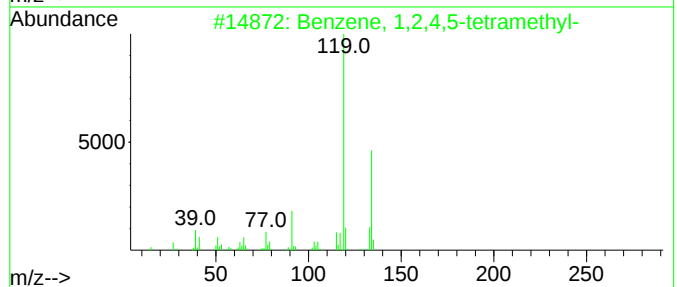
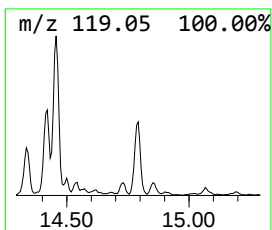
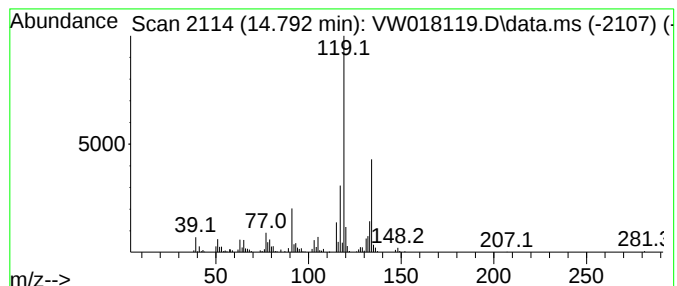
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 47 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	10.57 ug/L	110507	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	74
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

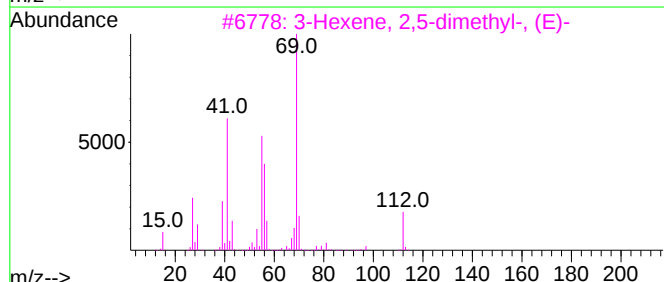
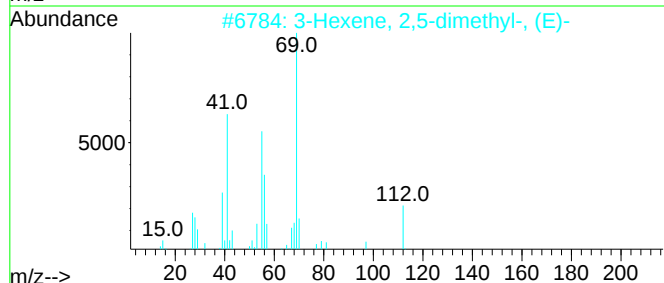
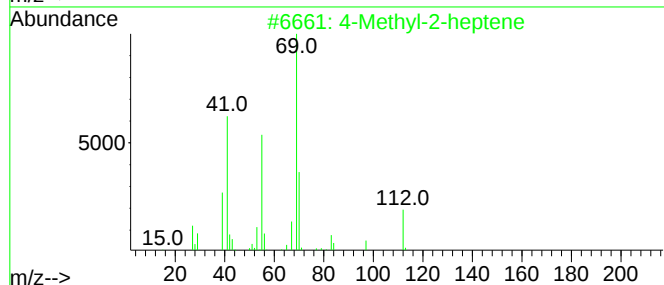
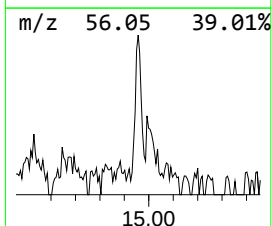
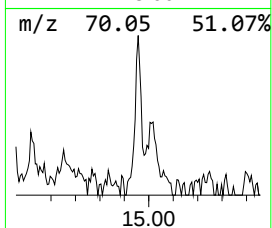
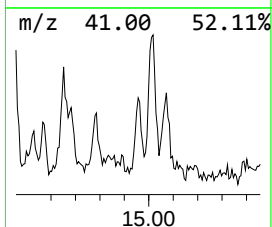
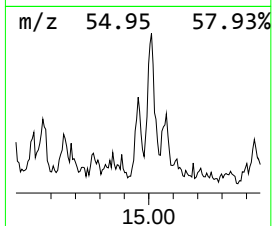
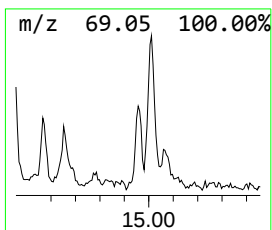
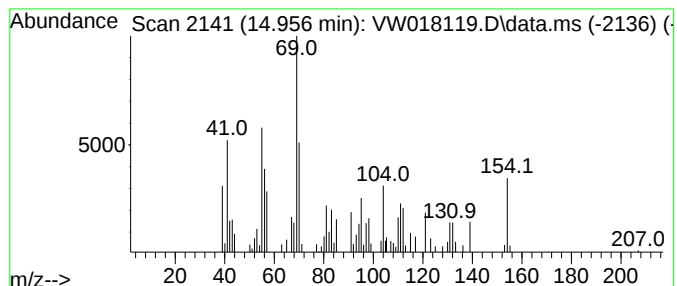
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.956	2.52 ug/L	26346	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methyl-2-heptene	112	C8H16	003404-56-6	45
2		3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	43
3		3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	43
4		Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
5		Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

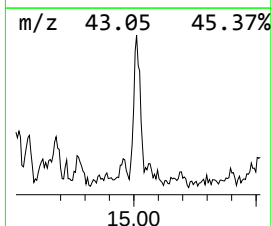
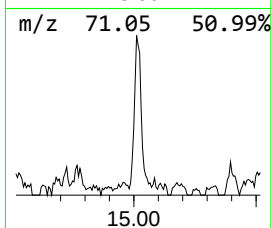
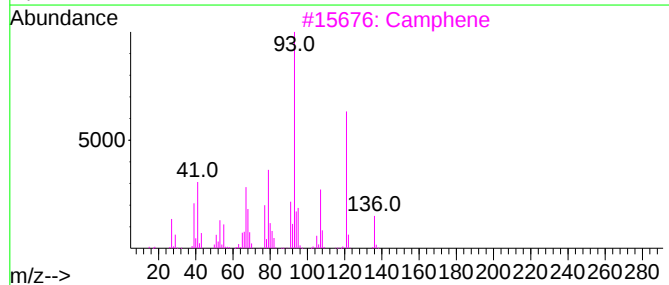
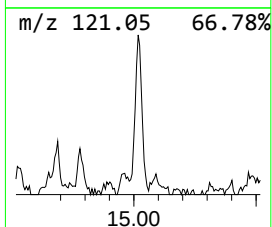
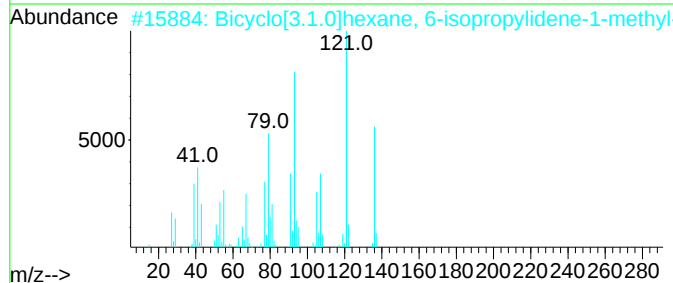
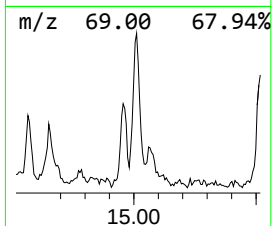
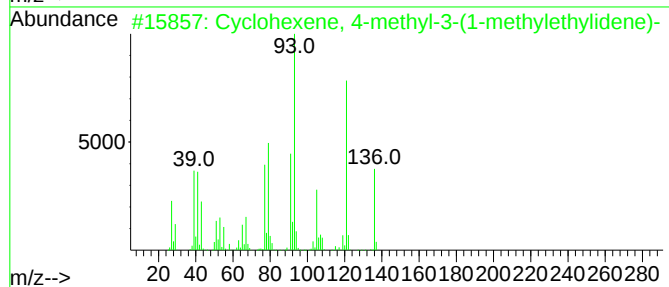
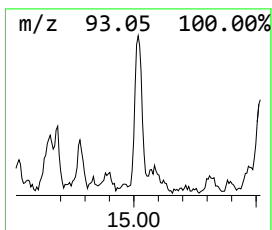
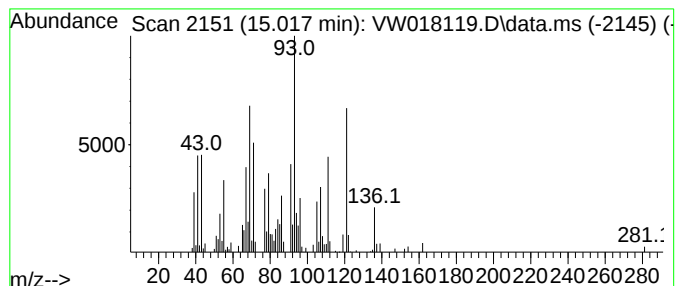
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Quant Title : VOC Analysis

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

Peak Number 49 Cyclohexene, 4-methyl-3-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.017	7.40 ug/L	77354	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methyl-3-(1-methy...	136	C10H16	099805-90-0	81
2			Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	70
3			Camphene	136	C10H16	000079-92-5	70
4			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	70
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

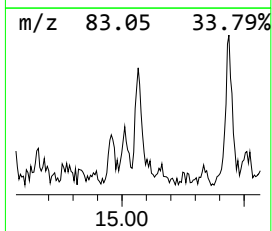
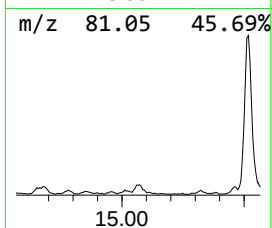
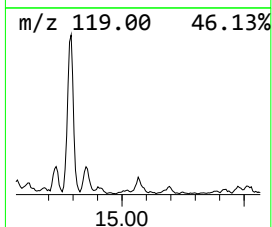
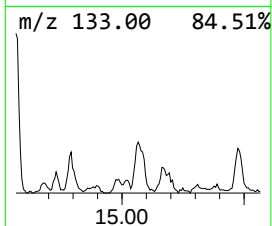
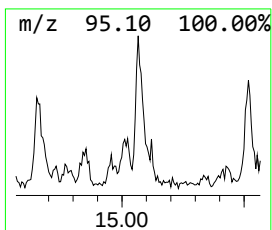
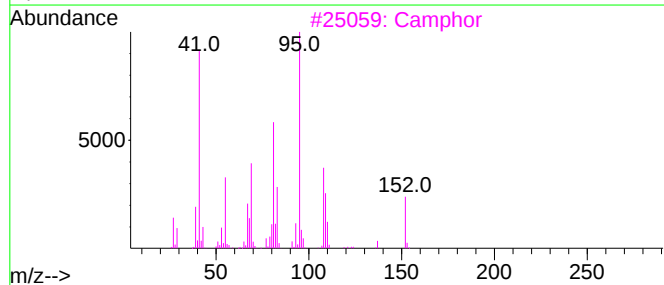
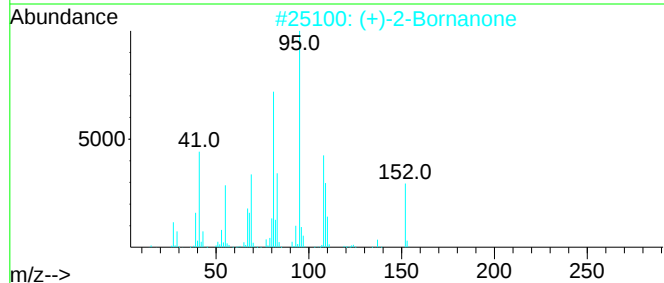
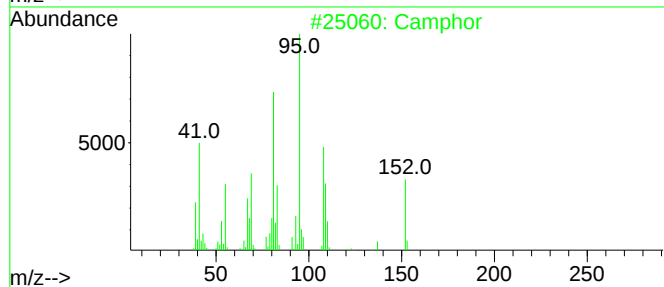
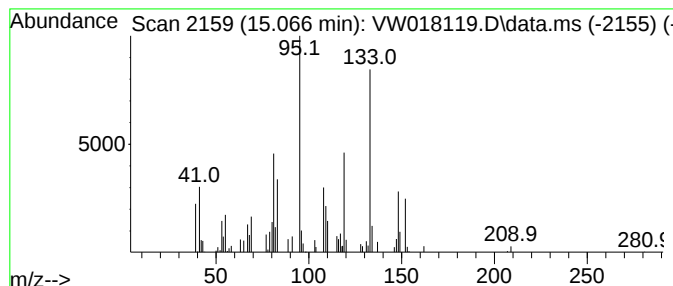
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Quant Title : VOC Analysis

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

Peak Number 50 Camphor Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	3.74 ug/L	39110	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphor	152	C10H16O	000076-22-2	70
2			(+)-2-Bornanone	152	C10H16O	000464-49-3	47
3			Camphor	152	C10H16O	000076-22-2	46
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	46
5			Camphor	152	C10H16O	000076-22-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

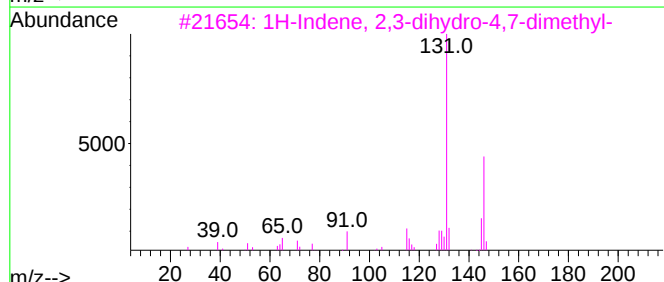
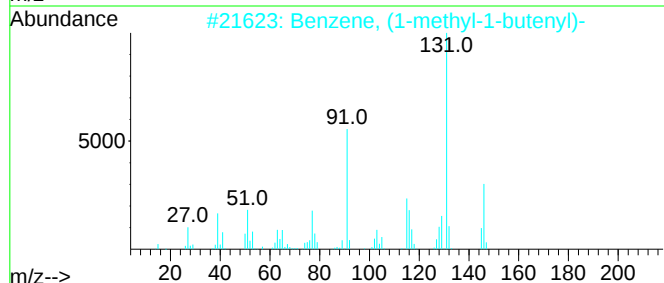
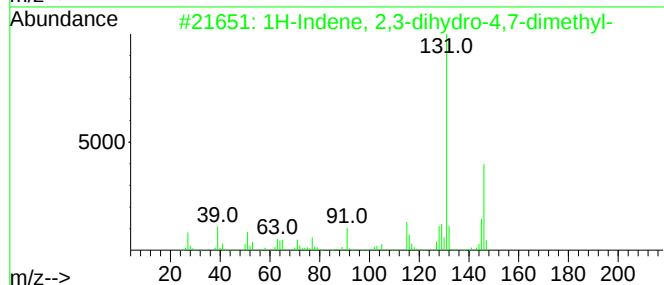
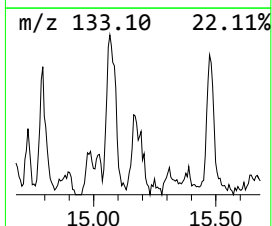
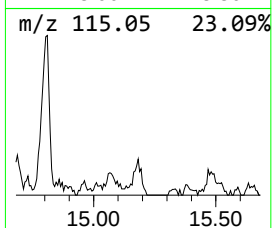
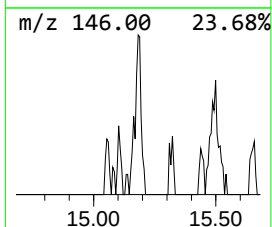
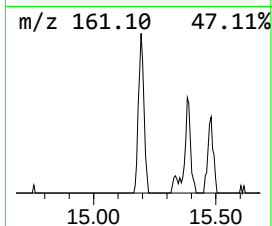
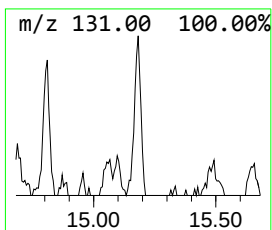
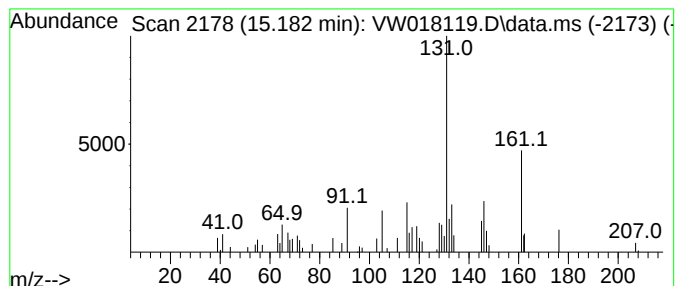
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Quant Title : VOC Analysis

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

Peak Number 51 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	2.39 ug/L	25003	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

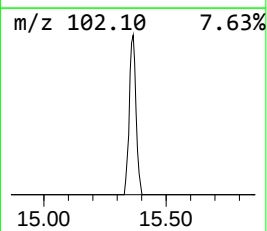
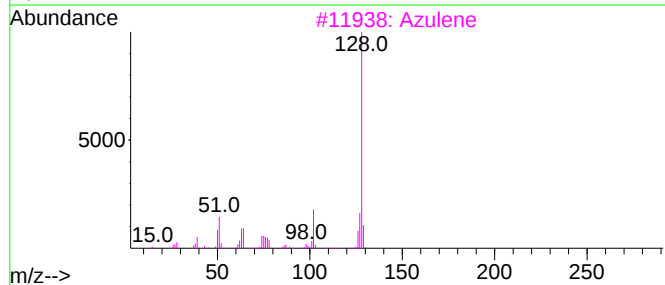
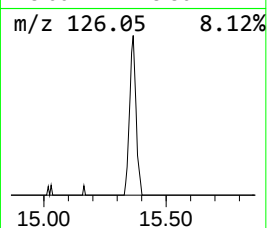
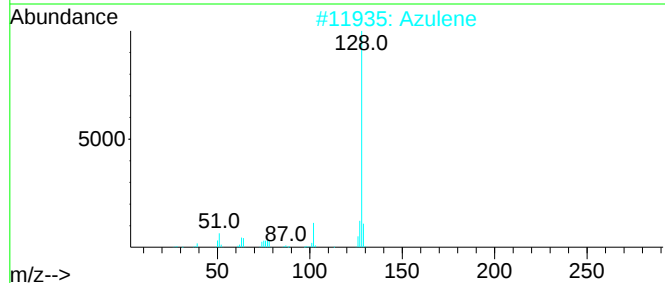
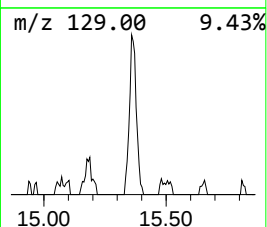
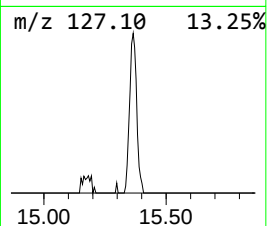
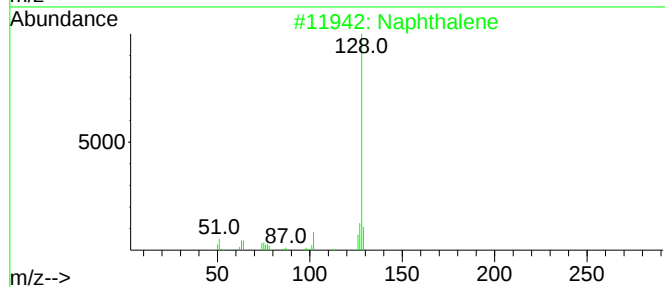
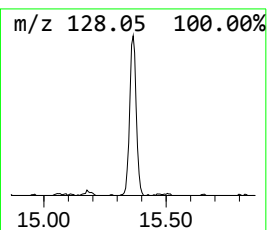
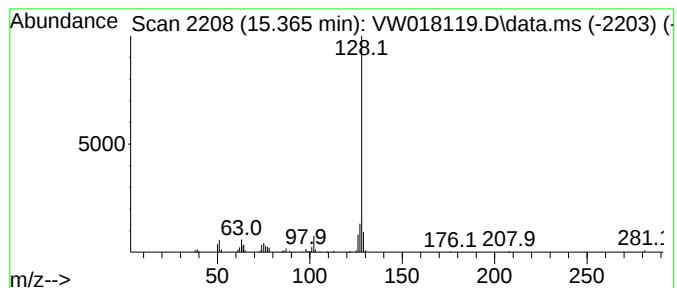
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 52 Azulene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	3.97 ug/L	41512	1,4-Dichlorobenzene-d4	13.554

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018119.D
Acq On : 12 Feb 2021 18:47
Operator : SY/VA
Sample : M1370-14
Misc : 6.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ0

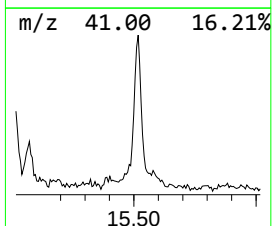
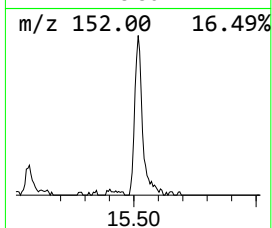
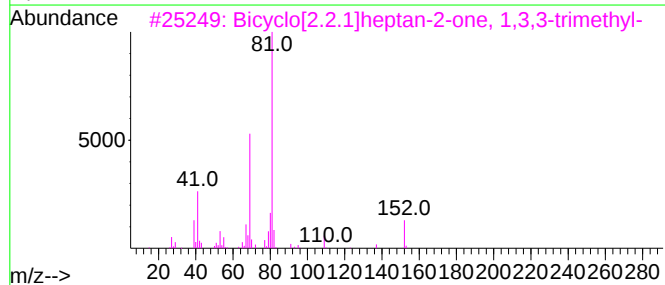
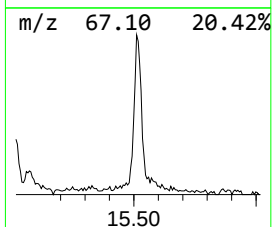
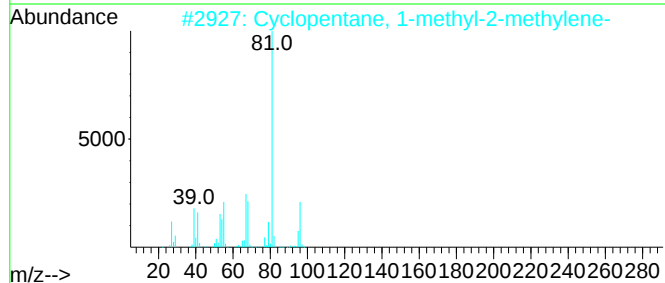
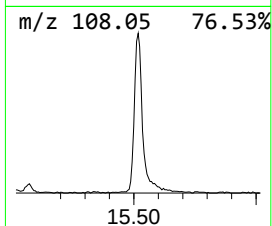
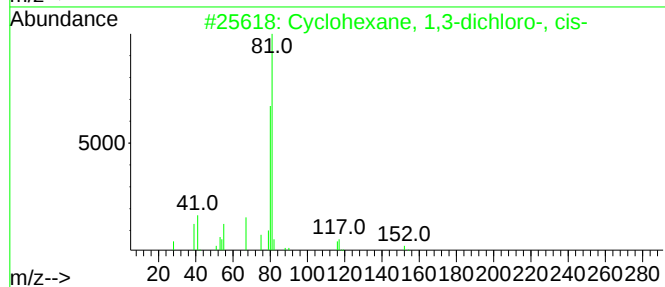
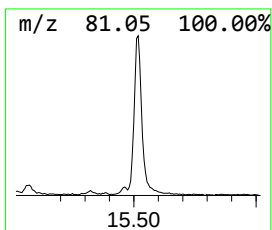
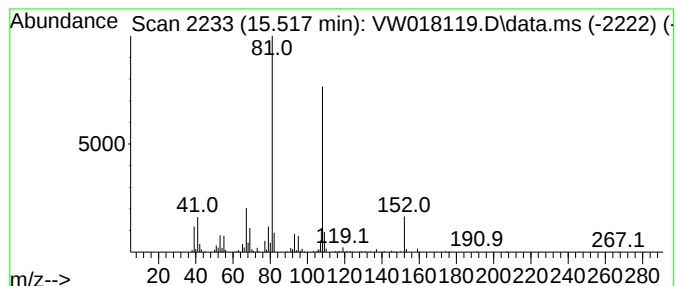
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 53 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.517	19.95 ug/L	208537	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	43
2			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	43
3			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	43
4			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	38
5			L-Fenchone	152	C10H16O	007787-20-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018119.D
 Acq On : 12 Feb 2021 18:47
 Operator : SY/VA
 Sample : M1370-14
 Misc : 6.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.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
(DEL) Alkane: S...	1.959	1.5	ug/L	23437	1	8.842	389602	25.0
(DEL) Alkane: S...	8.031	1.4	ug/L	21109	1	8.842	389602	25.0
(DEL) Alkane: S...	8.159	2.4	ug/L	37154	1	8.842	389602	25.0
(DEL) Alkane: S...	8.476	5.3	ug/L	82096	1	8.842	389602	25.0
(DEL) Alkane: C...	8.573	1.5	ug/L	23743	1	8.842	389602	25.0
(DEL) Alkane: S...	8.695	5.2	ug/L	80290	1	8.842	389602	25.0
(DEL) Alkane: S...	9.756	5.3	ug/L	82855	1	8.842	389602	25.0
(DEL) Alkane: S...	9.896	5.2	ug/L	80736	1	8.842	389602	25.0
(DEL) Alkane: S...	9.957	2.9	ug/L	44715	1	8.842	389602	25.0
(DEL) Alkane: S...	10.091	3.5	ug/L	53718	1	8.842	389602	25.0
(DEL) Alkane: C...	10.506	4.6	ug/L	68065	2	11.634	369484	25.0
(DEL) Alkane: C...	10.665	2.7	ug/L	40550	2	11.634	369484	25.0
(DEL) Alkane: C...	10.762	1.9	ug/L	28609	2	11.634	369484	25.0
(DEL) Alkane: C...	11.183	3.5	ug/L	51517	2	11.634	369484	25.0
(DEL) Alkane: C...	11.433	1.8	ug/L	26375	2	11.634	369484	25.0
Tricyclo[2.2.1]...	12.365	16.9	ug/L	249143	2	11.634	369484	25.0
Benzene, propyl-	12.804	8.5	ug/L	89077	3	13.554	261295	25.0
Benzene, 1-ethy...	12.865	8.8	ug/L	91598	3	13.554	261295	25.0
(DEL) Alkane: C...	12.920	419.1	ug/L	4380650	3	13.554	261295	25.0
Bicyclo[2.2.1]h...	13.048	78.9	ug/L	824587	3	13.554	261295	25.0
Benzene, 1-ethy...	13.097	27.3	ug/L	285388	3	13.554	261295	25.0
Benzene, tert-b...	13.201	14.7	ug/L	154038	3	13.554	261295	25.0
Mesitylene	13.249	41.5	ug/L	433774	3	13.554	261295	25.0
Cyclohexene, 1-...	13.396	10.3	ug/L	107662	3	13.554	261295	25.0
o-Cymene	13.438	14.8	ug/L	154656	3	13.554	261295	25.0
p-Cymene	13.493	9.6	ug/L	100001	3	13.554	261295	25.0
Benzene, 1-ethy...	13.652	14.1	ug/L	147536	3	13.554	261295	25.0
Benzene, 1,3-di...	13.719	2.3	ug/L	23810	3	13.554	261295	25.0
Indane	13.755	4.5	ug/L	46961	3	13.554	261295	25.0
Benzene, 1-ethy...	13.786	5.3	ug/L	55335	3	13.554	261295	25.0
Benzene, (1-met...	13.944	3.7	ug/L	38628	3	13.554	261295	25.0
Benzene, 2-ethy...	14.011	5.0	ug/L	52409	3	13.554	261295	25.0
Benzene, 1-meth...	14.097	10.1	ug/L	105651	3	13.554	261295	25.0
Benzene, 1-(1,1...	14.133	3.2	ug/L	33543	3	13.554	261295	25.0
Ethanone, 1-(2,...	14.188	10.4	ug/L	108505	3	13.554	261295	25.0
1,3-Cyclopentad...	14.335	3.0	ug/L	31070	3	13.554	261295	25.0
Bicyclo[2.2.1]h...	14.383	3.4	ug/L	35279	3	13.554	261295	25.0
Bicyclo[2.2.1]h...	14.438	25.0	ug/L	261322	3	13.554	261295	25.0
3,4-Dimethylcumene	14.566	4.0	ug/L	42245	3	13.554	261295	25.0
unknown-01	14.652	3.0	ug/L	31443	3	13.554	261295	25.0
Benzene, 1,2,4,...	14.792	10.6	ug/L	110507	3	13.554	261295	25.0
(DEL) Alkane: S...	14.956	2.5	ug/L	26346	3	13.554	261295	25.0
Cyclohexene, 4-...	15.017	7.4	ug/L	77354	3	13.554	261295	25.0
Camphor	15.066	3.7	ug/L	39110	3	13.554	261295	25.0
1H-Indene, 2,3-...	15.182	2.4	ug/L	25003	3	13.554	261295	25.0
Azulene	15.365	4.0	ug/L	41512	3	13.554	261295	25.0
unknown-02	15.517	19.9	ug/L	208537	3	13.554	261295	25.0