

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.952	6	8	19	rVB5	8591	18001	1.54%	0.106%
2	2.026	19	20	26	rVB4	1554	2363	0.20%	0.014%
3	2.148	36	40	42	rBV2	3655	5163	0.44%	0.030%
4	2.355	62	74	84	rBV	107770	224257	19.23%	1.317%
5	2.446	86	89	93	rVV5	2013	3485	0.30%	0.020%
6	2.672	121	126	128	rBV4	3386	6024	0.52%	0.035%
7	2.885	153	161	174	rVB	77390	180974	15.52%	1.063%
8	3.842	313	318	323	rBV8	1647	3902	0.33%	0.023%
9	4.019	336	347	359	rBV	126284	385094	33.01%	2.261%
10	4.129	359	365	374	rVV	13847	40795	3.50%	0.240%
11	4.202	376	377	386	rVB5	3162	4955	0.42%	0.029%
12	4.385	396	407	419	rVB2	14794	45228	3.88%	0.266%
13	4.928	483	496	511	rBV6	11604	52601	4.51%	0.309%
14	5.446	578	581	584	rVV4	2120	3422	0.29%	0.020%
15	5.940	656	662	667	rVB6	3617	8189	0.70%	0.048%
16	6.982	831	833	839	rVB4	1474	2501	0.21%	0.015%
17	7.080	841	849	857	rBV2	27863	82333	7.06%	0.483%
18	7.647	931	942	956	rBV	191966	468987	40.21%	2.754%
19	7.951	983	992	996	rBV8	2565	7011	0.60%	0.041%
20	8.031	999	1005	1018	rVB9	3770	10937	0.94%	0.064%
21	8.159	1018	1026	1032	rBV4	3139	7923	0.68%	0.047%
22	8.275	1032	1045	1062	rBV2	364452	1081263	92.70%	6.348%
23	8.488	1073	1080	1089	rVB5	5719	17576	1.51%	0.103%
24	8.567	1089	1093	1101	rVB8	2626	6038	0.52%	0.035%
25	8.841	1128	1138	1152	rBV	369591	746141	63.97%	4.381%
26	9.073	1168	1176	1182	rBV2	25072	57056	4.89%	0.335%
27	9.134	1182	1186	1194	rVB4	4495	9974	0.86%	0.059%
28	9.274	1200	1209	1216	rBV	253587	529973	45.44%	3.112%
29	9.384	1223	1227	1235	rVB2	8740	16960	1.45%	0.100%
30	9.469	1235	1241	1245	rBV6	2745	6949	0.60%	0.041%
31	9.524	1245	1250	1257	rVV3	14716	35752	3.07%	0.210%
32	9.585	1258	1260	1261	rVV2	5061	4879	0.42%	0.029%
33	9.610	1261	1264	1270	rVV4	6667	11967	1.03%	0.070%
34	9.683	1270	1276	1281	rVV9	5129	11211	0.96%	0.066%

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Integration Parameters: LSCINT.P

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

35	9.750	1281	1287	1297	rVB3	12066	27144	2.33%	0.159%
36	9.896	1303	1311	1317	rBV3	33726	66677	5.72%	0.391%
37	9.994	1322	1327	1328	rBV3	4156	5924	0.51%	0.035%
38	10.036	1328	1334	1345	rVV	85389	165393	14.18%	0.971%
39	10.140	1345	1351	1357	rVB4	17625	44252	3.79%	0.260%
40	10.250	1357	1369	1374	rBV	43864	82063	7.04%	0.482%
41	10.323	1374	1381	1393	rVB	495074	884372	75.82%	5.192%
42	10.500	1395	1410	1417	rBV9	8994	37948	3.25%	0.223%
43	10.579	1417	1423	1433	rVB	57471	107170	9.19%	0.629%
44	10.664	1433	1437	1445	rBV5	14702	25634	2.20%	0.151%
45	10.762	1445	1453	1458	rBV6	16494	38028	3.26%	0.223%
46	10.841	1458	1466	1473	rVB3	69847	151262	12.97%	0.888%
47	10.927	1473	1480	1493	rBV	102416	263674	22.61%	1.548%
48	11.036	1493	1498	1501	rBV2	26966	46822	4.01%	0.275%
49	11.109	1506	1510	1514	rBV4	32147	60630	5.20%	0.356%
50	11.183	1518	1522	1524	rBV4	15028	23383	2.00%	0.137%
51	11.225	1524	1529	1533	rVV3	45770	87305	7.48%	0.513%
52	11.274	1533	1537	1545	rVB3	42373	87986	7.54%	0.517%
53	11.341	1545	1548	1550	rBV3	12534	17953	1.54%	0.105%
54	11.402	1550	1558	1564	rBV6	79411	165435	14.18%	0.971%
55	11.512	1572	1576	1585	rBV6	14646	35579	3.05%	0.209%
56	11.628	1589	1595	1603	rBV	453350	812447	69.65%	4.770%
57	11.701	1603	1607	1615	rVB6	20174	48287	4.14%	0.284%
58	11.817	1621	1626	1630	rBV7	8847	18677	1.60%	0.110%
59	11.871	1630	1635	1639	rVV3	30077	51094	4.38%	0.300%
60	11.914	1639	1642	1647	rVB3	20640	34244	2.94%	0.201%
61	11.975	1647	1652	1655	rBV4	19573	34434	2.95%	0.202%
62	12.012	1655	1658	1665	rVB4	16507	27389	2.35%	0.161%
63	12.067	1665	1667	1670	rBV4	7330	8945	0.77%	0.053%
64	12.140	1670	1679	1681	rBV6	28006	73611	6.31%	0.432%
65	12.170	1681	1684	1687	rVB2	17519	23867	2.05%	0.140%
66	12.335	1706	1711	1713	rBV4	23376	40421	3.47%	0.237%
67	12.365	1713	1716	1722	rVB5	38441	70710	6.06%	0.415%
68	12.463	1726	1732	1737	rBV4	35893	76920	6.59%	0.452%
69	12.597	1749	1754	1760	rBV3	29857	62518	5.36%	0.367%
70	12.694	1760	1770	1775	rBV	176345	321149	27.53%	1.886%
71	12.780	1776	1784	1790	rVB8	32454	90538	7.76%	0.532%

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72	12.859	1790	1797	1801	rBV4	38408	75044	6.43%	0.441%
73	12.920	1801	1807	1809	rBV5	32639	58409	5.01%	0.343%
74	13.054	1824	1829	1836	rBV	67770	138705	11.89%	0.814%
75	13.127	1836	1841	1844	rBV2	129521	206362	17.69%	1.212%
76	13.170	1844	1848	1849	rBV3	52594	62416	5.35%	0.366%
77	13.261	1860	1863	1866	rBV4	39229	56587	4.85%	0.332%
78	13.298	1866	1869	1874	rVB2	55381	82313	7.06%	0.483%
79	13.408	1879	1887	1891	rBV	111531	212620	18.23%	1.248%
80	13.493	1893	1901	1907	rVV3	208501	576426	49.42%	3.384%
81	13.560	1907	1912	1928	rVB4	354386	1166432	100.00%	6.848%
82	13.767	1938	1946	1950	rBV3	189375	358491	30.73%	2.105%
83	13.810	1950	1953	1955	rVV	94284	134942	11.57%	0.792%
84	13.853	1955	1960	1964	rVV	260896	549589	47.12%	3.227%
85	13.908	1964	1969	1976	rVB	467433	799190	68.52%	4.692%
86	13.975	1976	1980	1984	rBV2	117710	165711	14.21%	0.973%
87	14.066	1991	1995	2000	rVB6	73208	120978	10.37%	0.710%
88	14.158	2001	2010	2014	rBV2	275947	530073	45.44%	3.112%
89	14.383	2043	2047	2051	rVB3	108940	167504	14.36%	0.983%
90	14.499	2061	2066	2069	rBV4	73466	138935	11.91%	0.816%
91	14.645	2085	2090	2096	rBV	302168	473628	40.60%	2.781%
92	14.725	2098	2103	2109	rBV4	119723	240074	20.58%	1.410%
93	14.840	2119	2122	2130	rVB4	101511	200790	17.21%	1.179%
94	14.968	2139	2143	2146	rBV2	81008	127618	10.94%	0.749%
95	15.566	2238	2241	2245	rBV4	62017	86227	7.39%	0.506%
96	15.615	2245	2249	2255	rBV	284489	487432	41.79%	2.862%
97	15.682	2256	2260	2265	rBV2	94806	183962	15.77%	1.080%
98	15.926	2295	2300	2309	rBV3	92766	222473	19.07%	1.306%
99	16.413	2374	2380	2391	rVB4	332327	894828	76.71%	5.254%
100	16.547	2399	2402	2409	rVB2	98678	194491	16.67%	1.142%

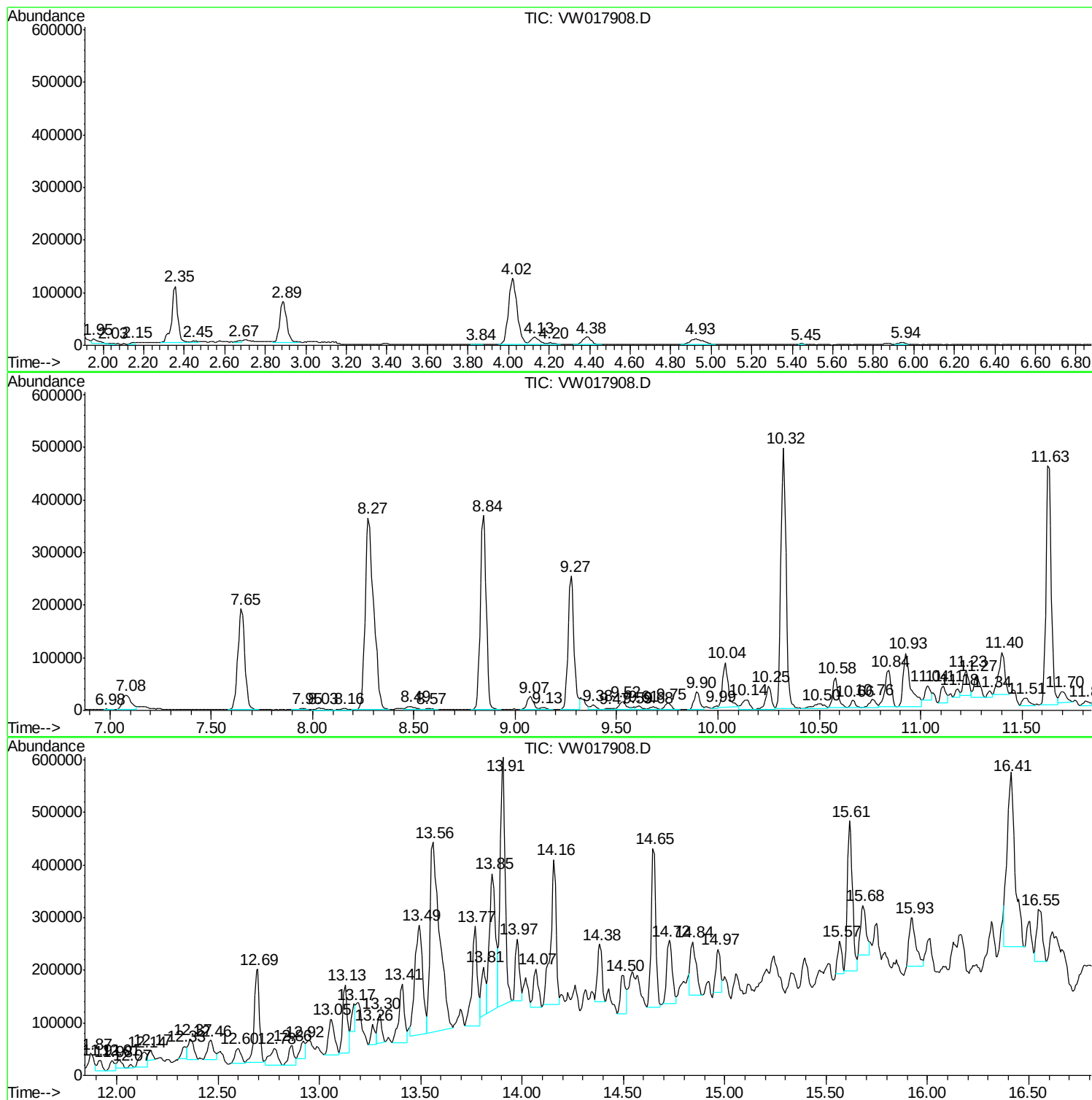
Sum of corrected areas: 17032019

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Instrument :
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ClientSampleId :
F1C15

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

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



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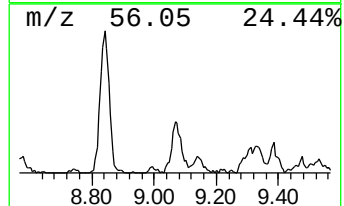
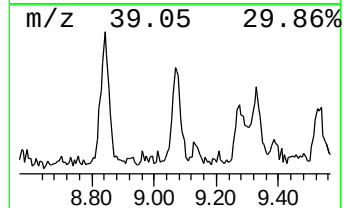
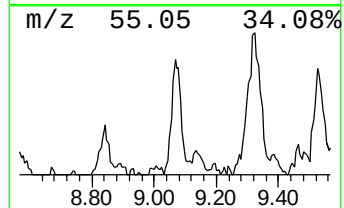
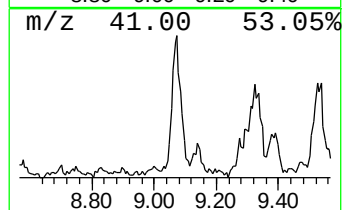
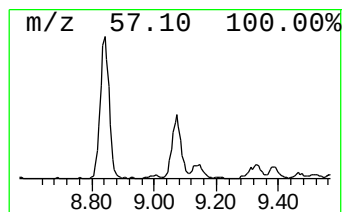
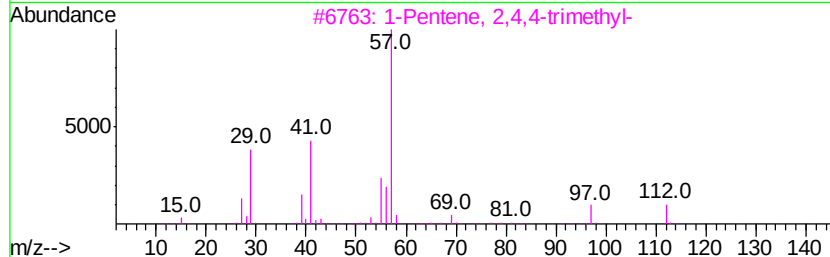
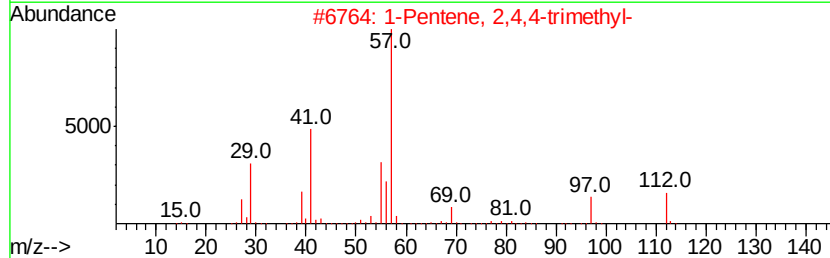
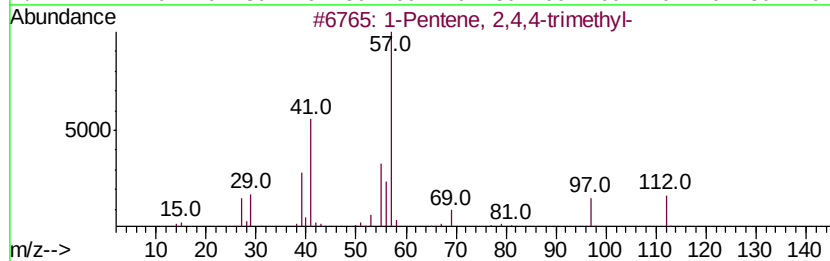
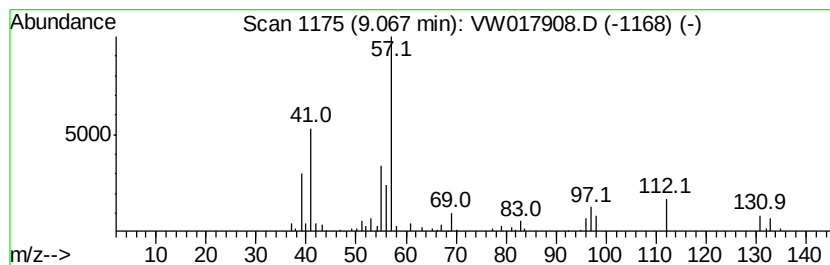
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.07	1.91 ug/L	57056	1,4-Difluorobenzene	8.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64	
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	60	
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53	
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	45	
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	43	



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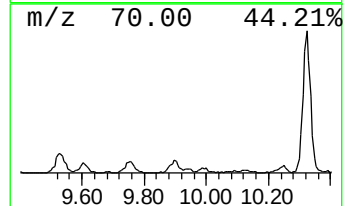
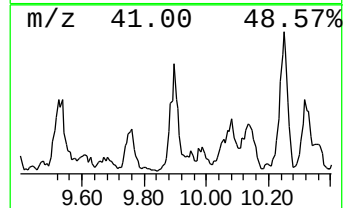
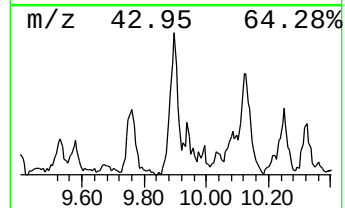
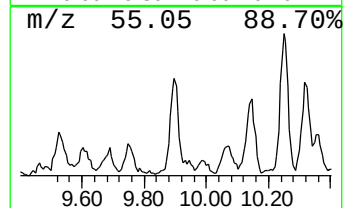
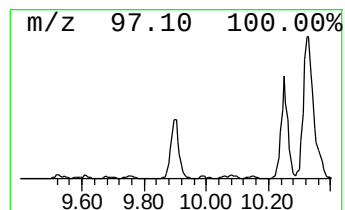
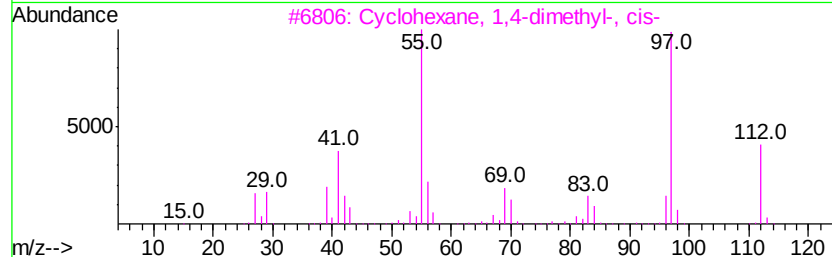
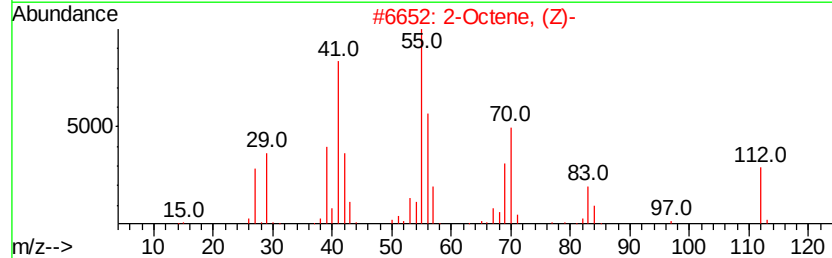
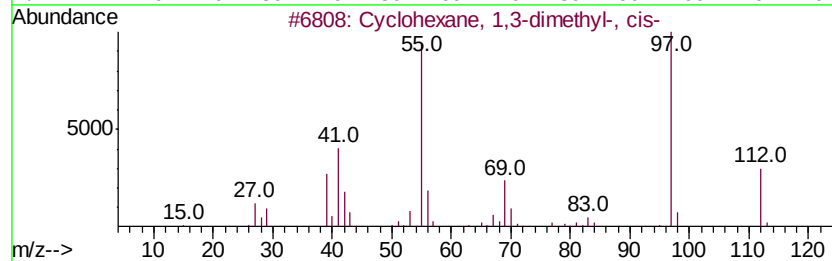
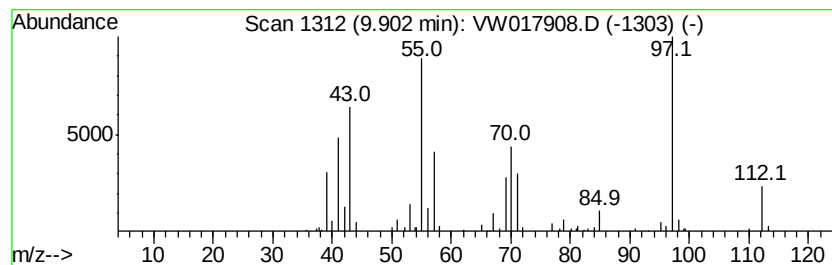
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic9.90 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.90	2.23 ug/L	66677	1,4-Difluorobenzene	8.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	41
2	2-Octene, (Z)-	112	C8H16	007642-04-8	38
3	Cvclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
4	2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	38
5	2-Octene	112	C8H16	000111-67-1	38



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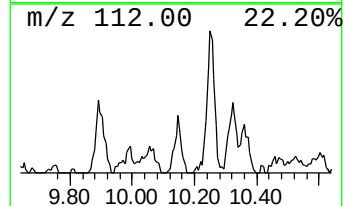
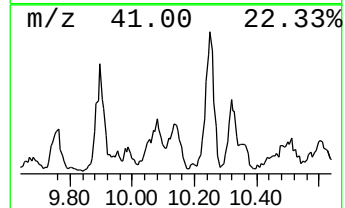
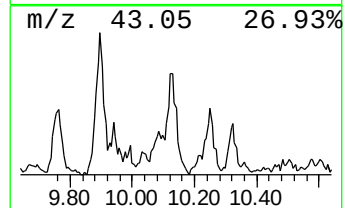
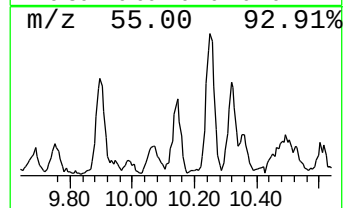
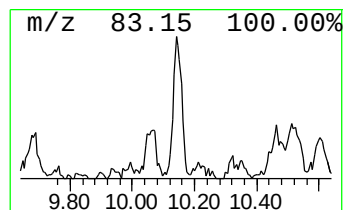
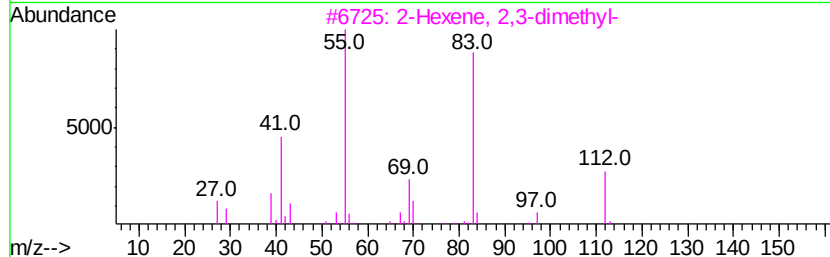
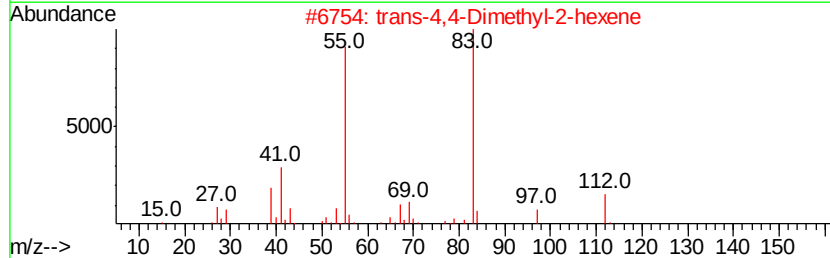
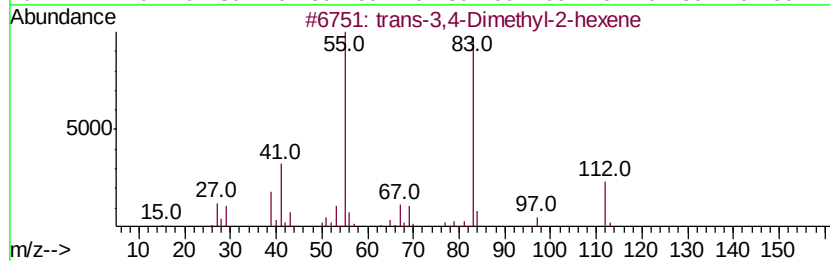
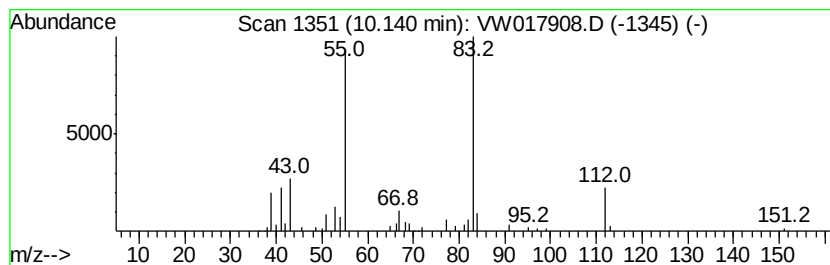
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	1.48 ug/L	44252	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	86
2			trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	86
3			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	80
4			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	80
5			2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C15

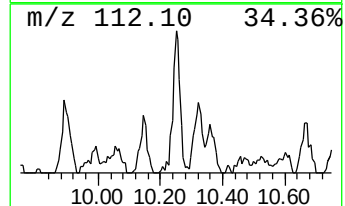
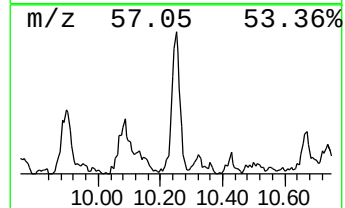
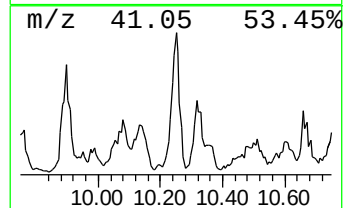
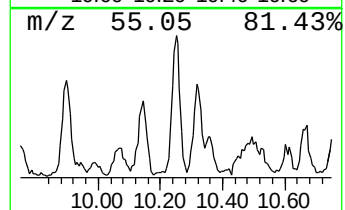
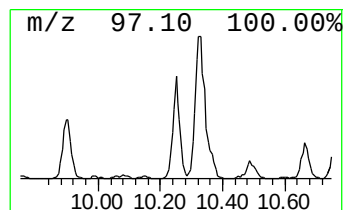
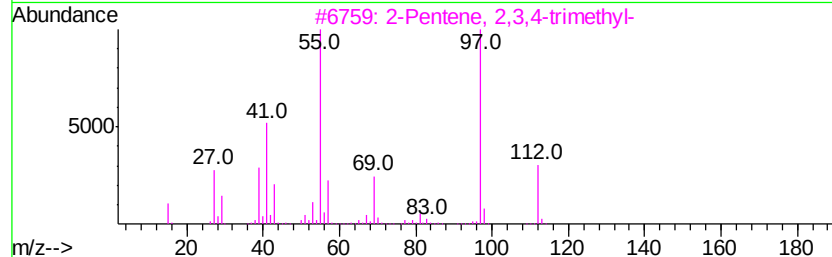
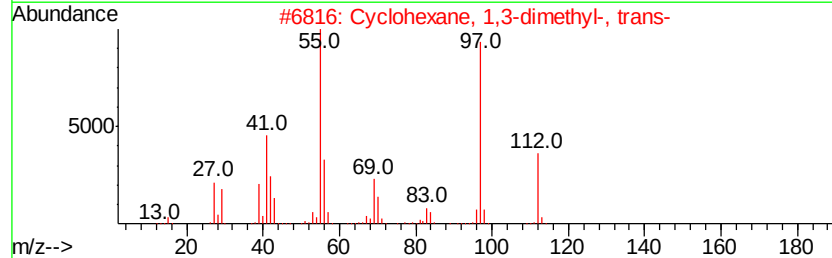
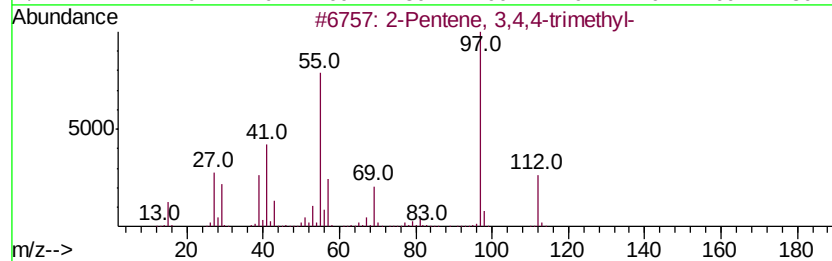
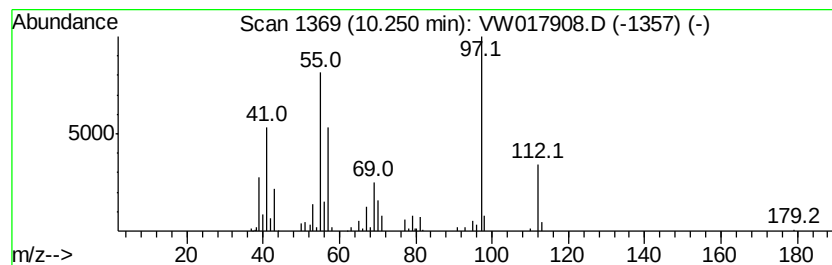
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.53 ug/L	82063	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	87
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
3		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	80
4		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	80
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

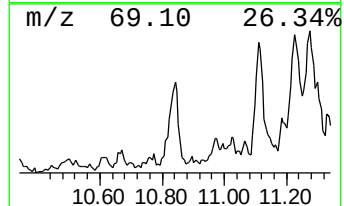
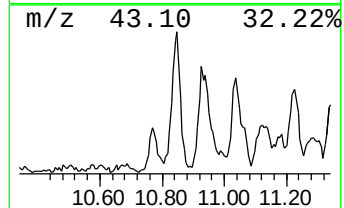
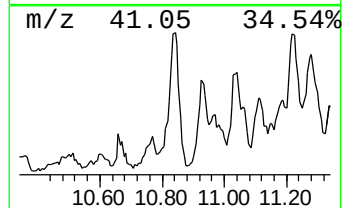
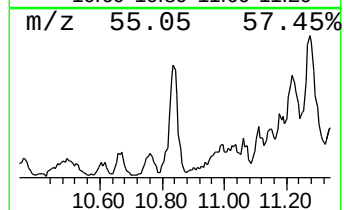
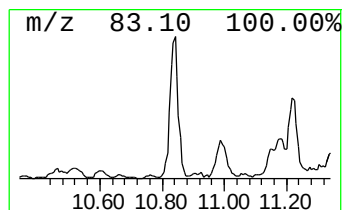
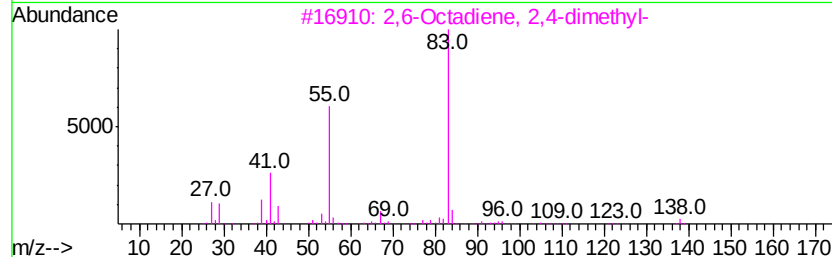
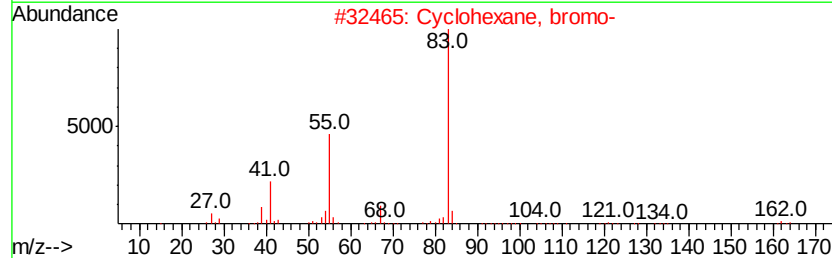
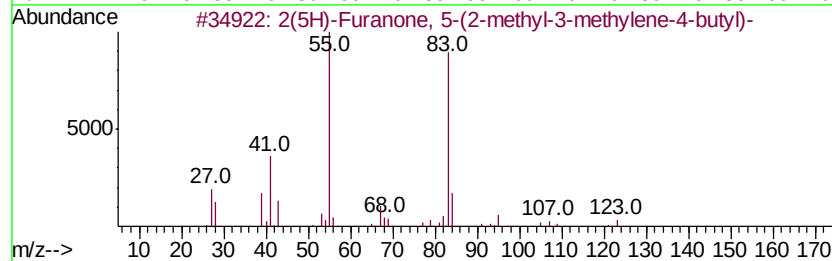
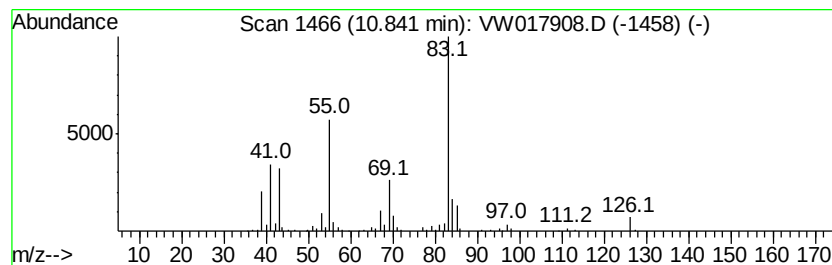
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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Quant Title : VOC Analysis

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

Peak Number 6 2(5H)-Furanone, 5-(2-methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	4.65 ug/L	151262	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 5-(2-methyl-3-me...	166	C10H14O2	1000155-85-8	64
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	59
3	2,6-Octadiene, 2,4-dimethyl-	138	C10H18	063843-03-8	59
4	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	59
5	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

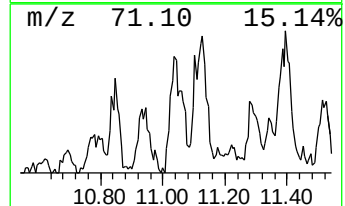
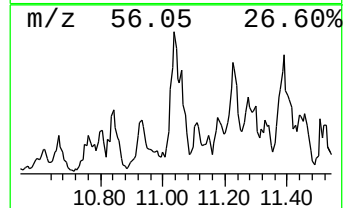
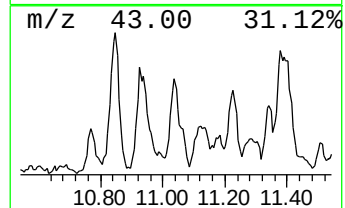
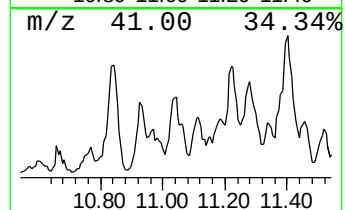
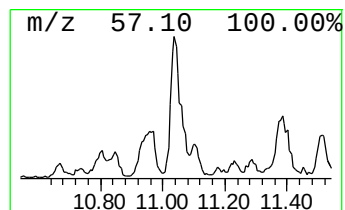
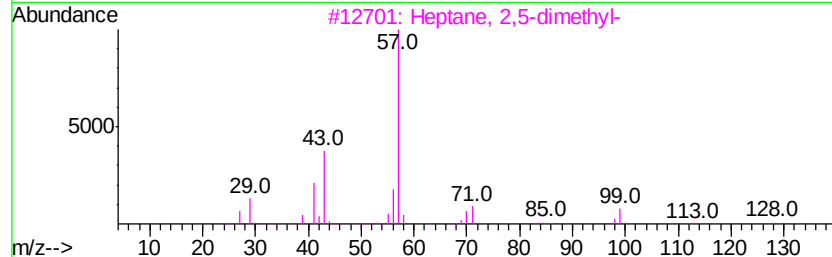
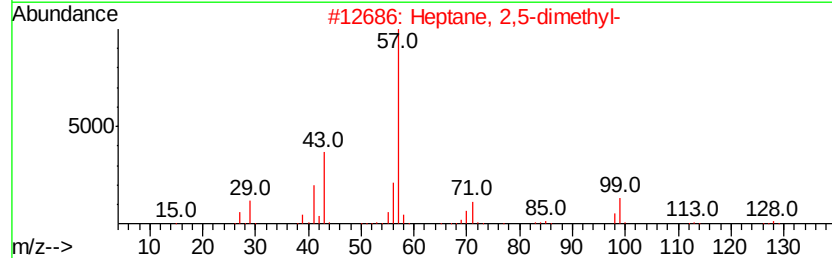
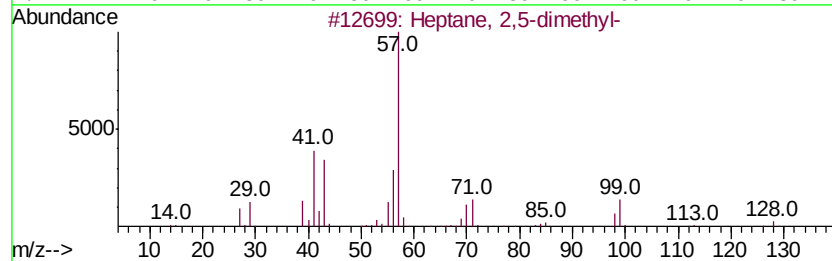
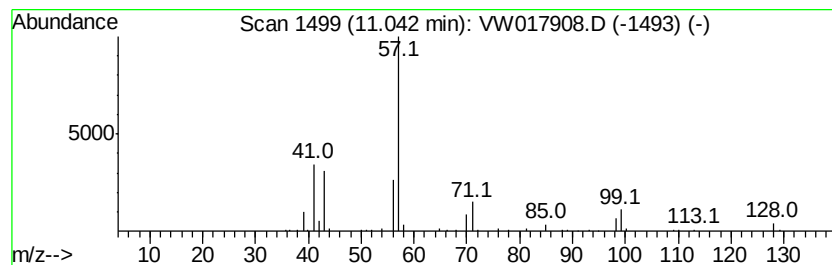
Instrument :
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.04	1.44 ug/L	46822	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	59
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

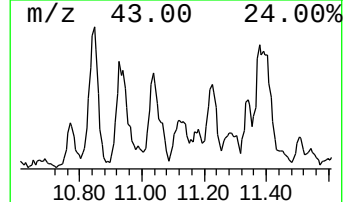
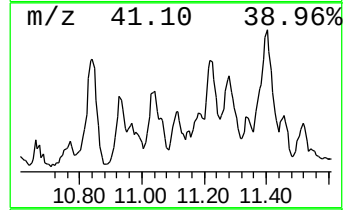
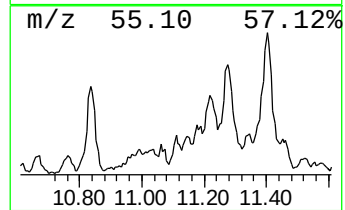
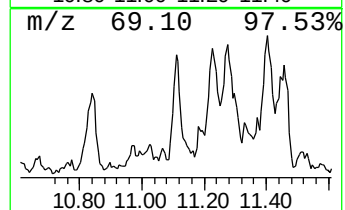
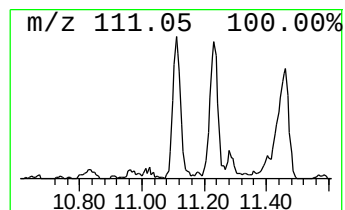
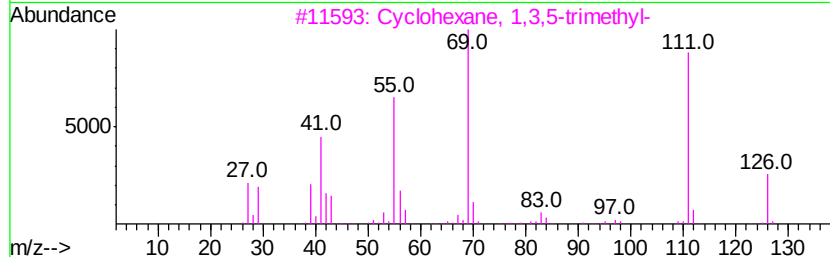
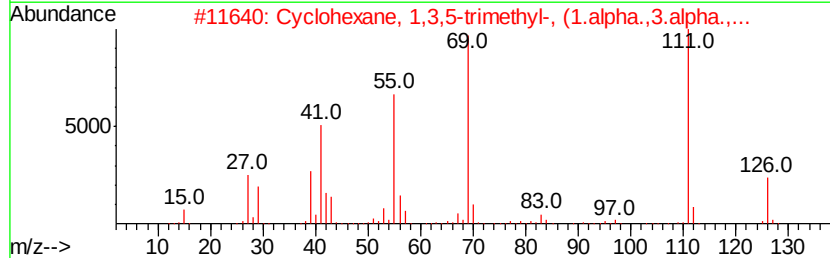
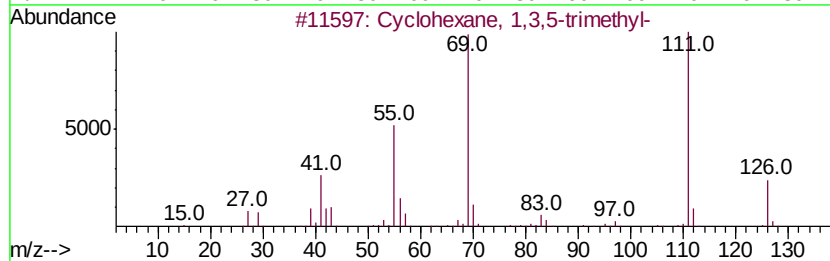
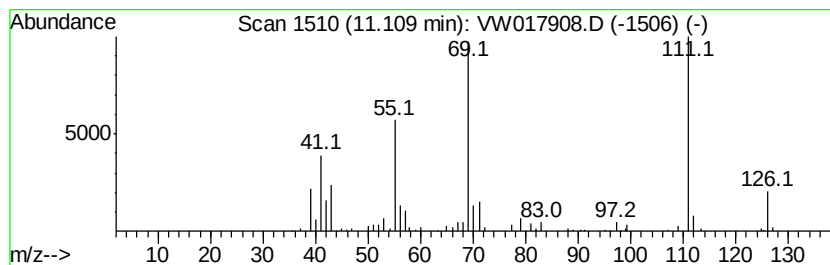
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic11.11 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.11	1.87 ug/L	60630	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
2	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	87
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
4	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	59
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
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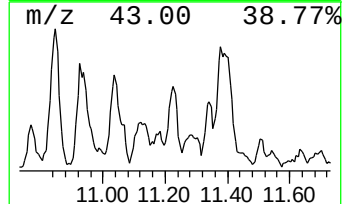
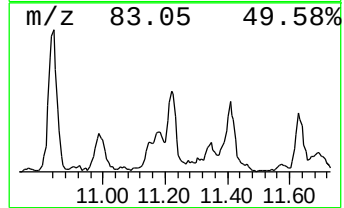
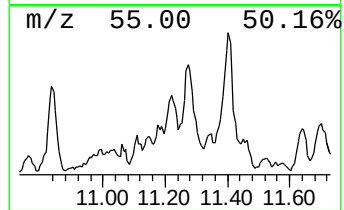
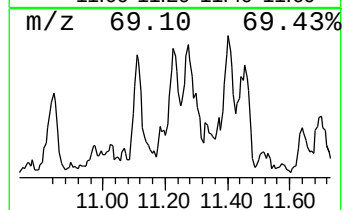
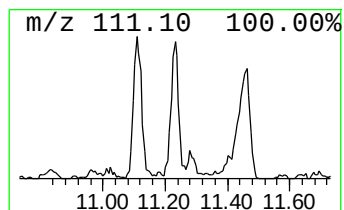
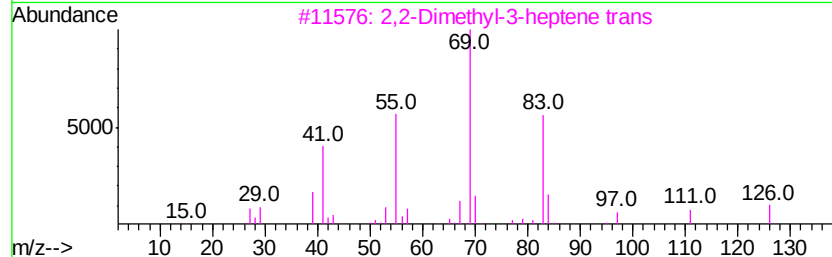
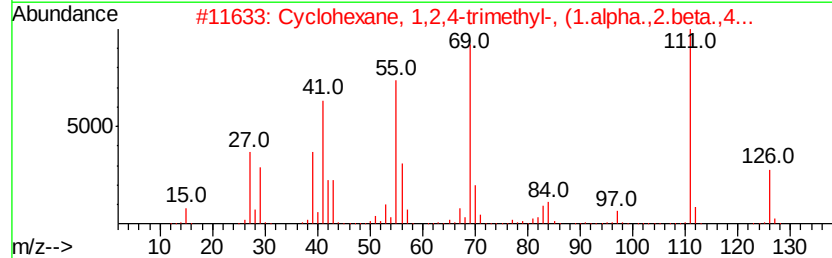
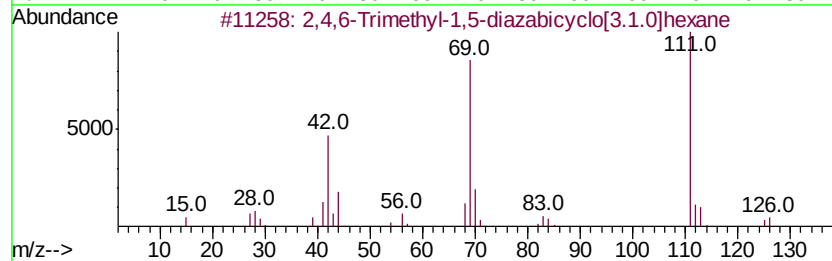
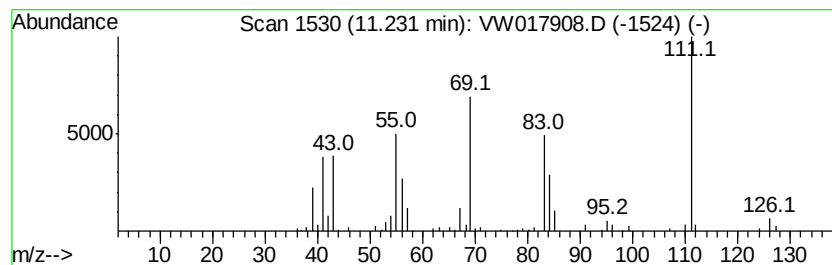
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 Quant Title : VOC Analysis

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

 Peak Number 9 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.69 ug/L	87305	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	47
2		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	47
3		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
5		Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

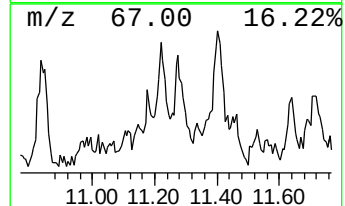
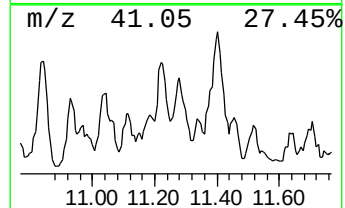
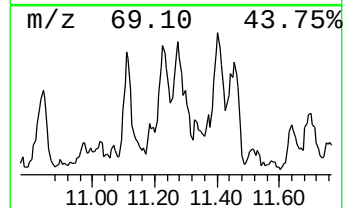
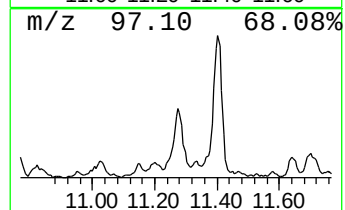
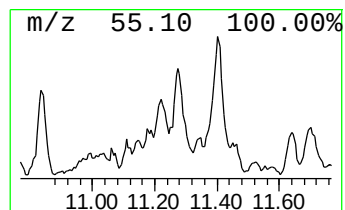
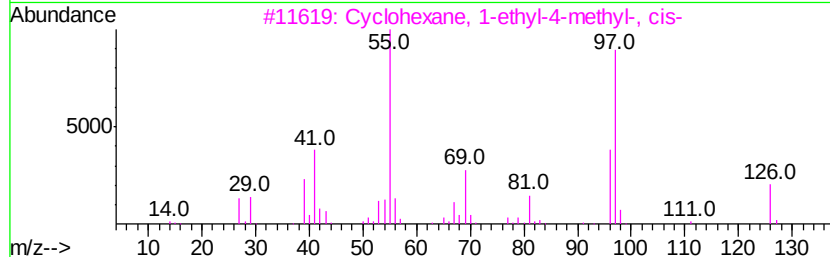
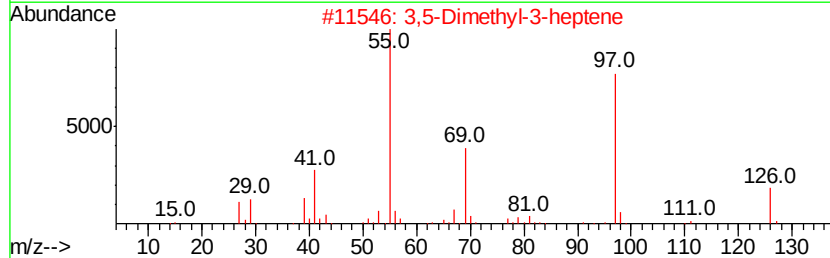
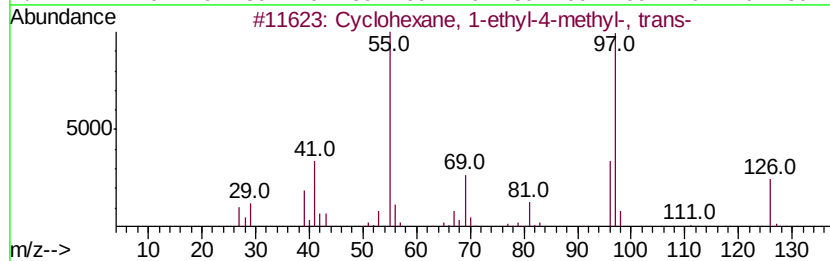
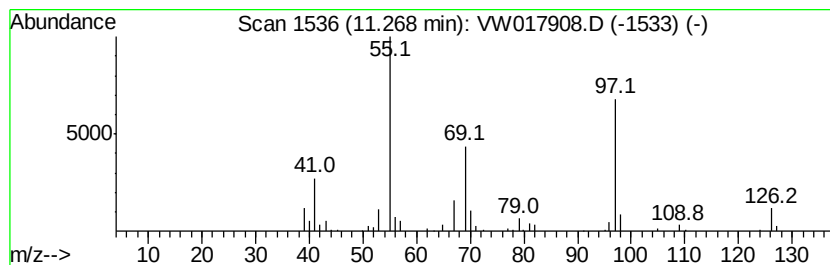
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic11.27 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.27	2.71 ug/L	87986	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
4		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	53
5		3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

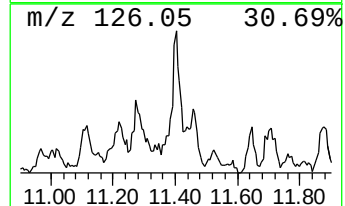
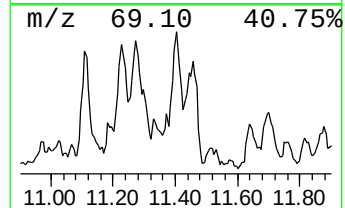
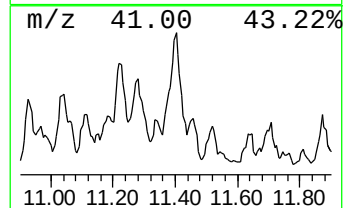
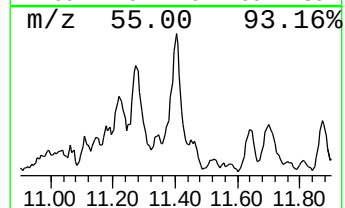
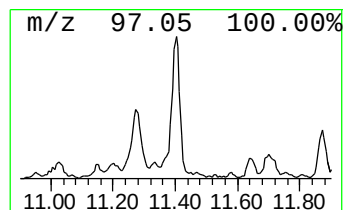
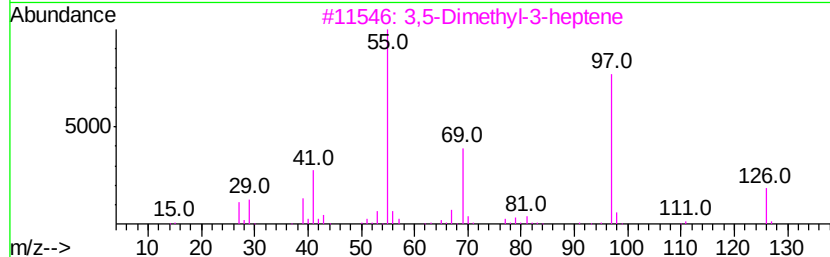
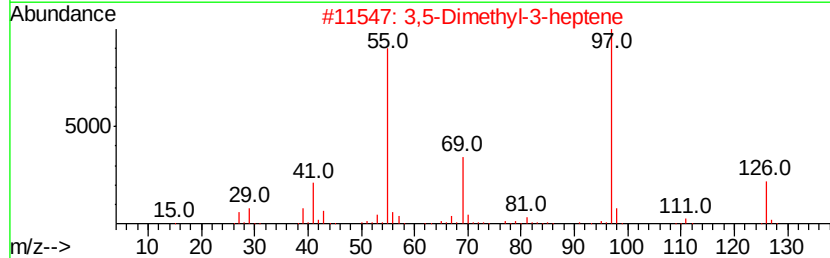
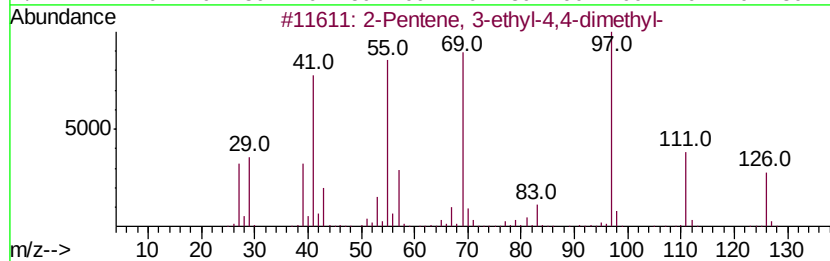
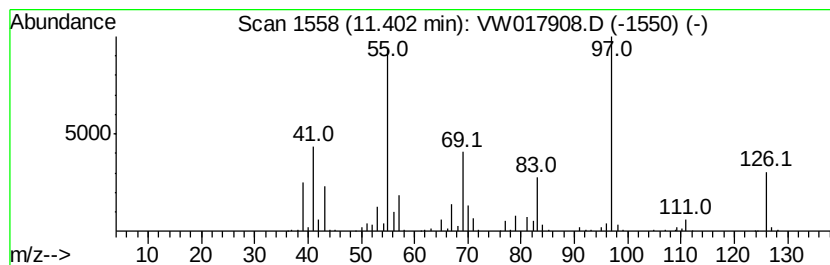
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ClientSampleId :
F1C15

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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 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.40	5.09 ug/L	165435	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	64
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
4	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	59
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C15

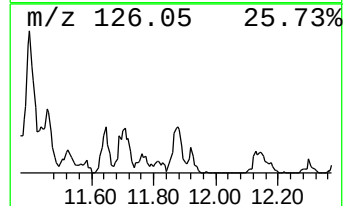
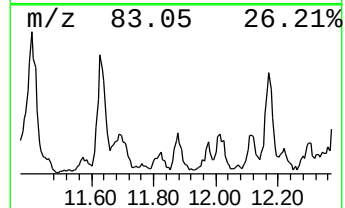
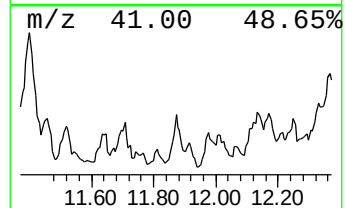
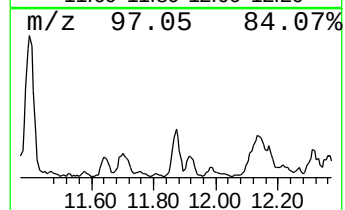
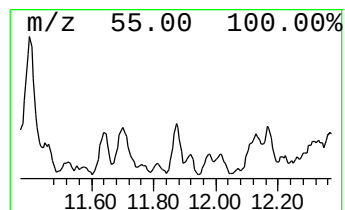
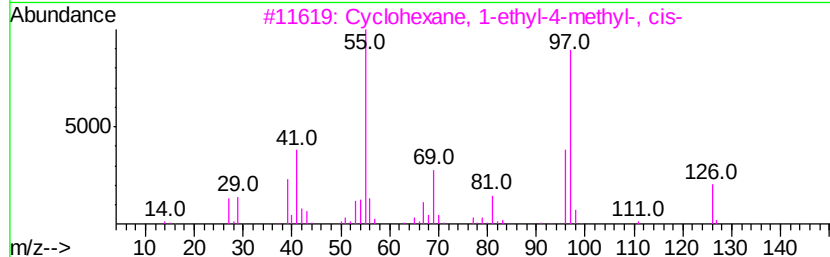
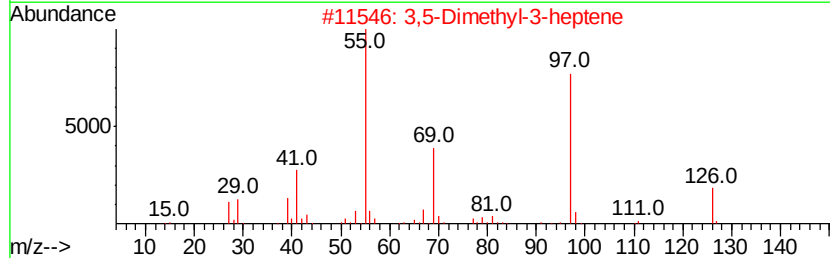
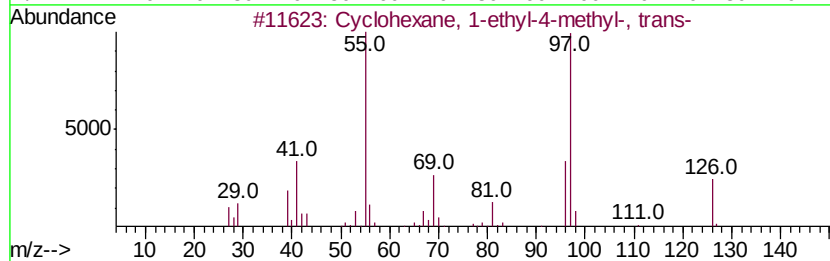
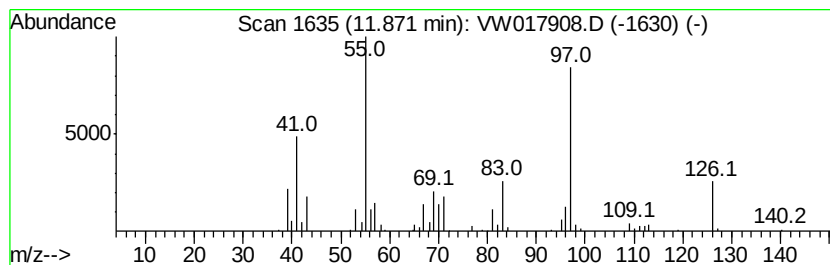
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic11.87 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	1.57 ug/L	51094	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	62
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	52
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

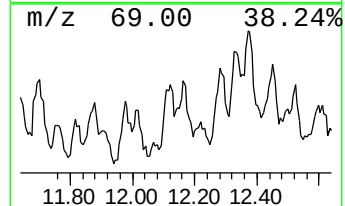
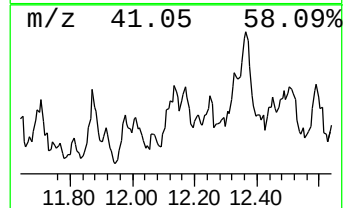
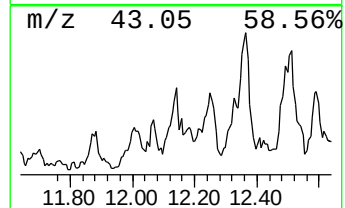
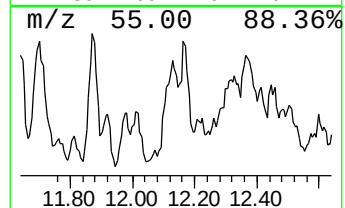
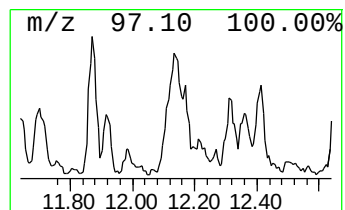
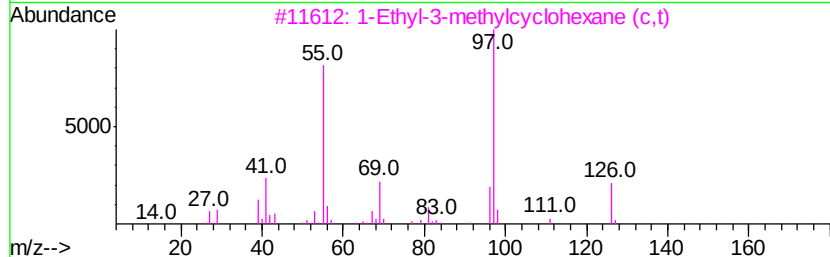
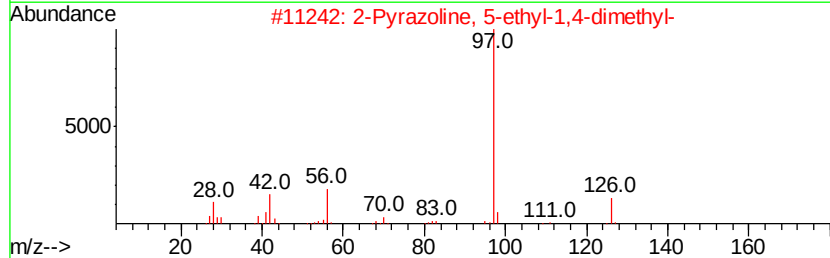
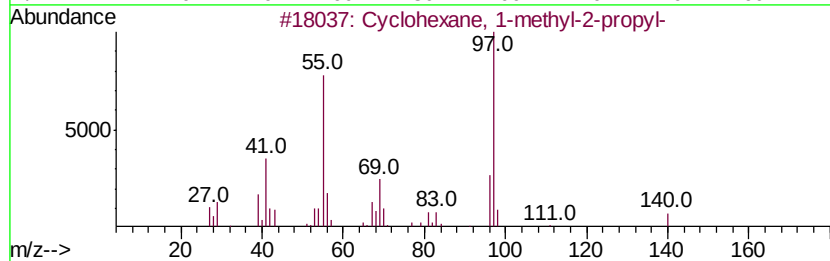
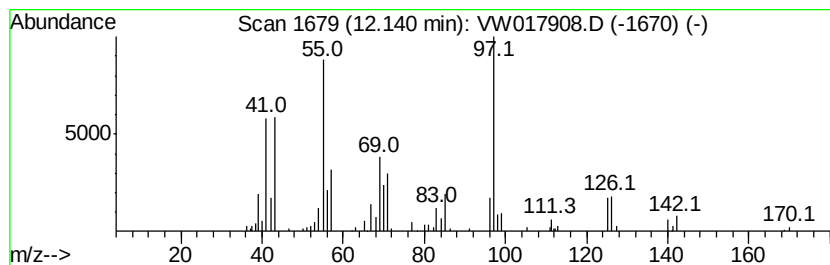
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic12.14 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.14	2.27 ug/L	73611	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	49
2		2-Pyrazoline, 5-ethyl-1,4-dimethyl-	126	C7H14N2	014339-23-2	49
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	46
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

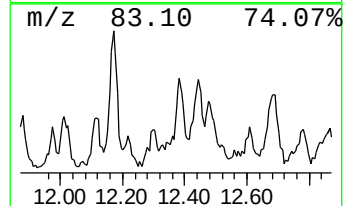
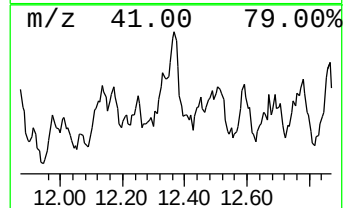
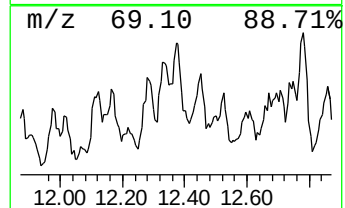
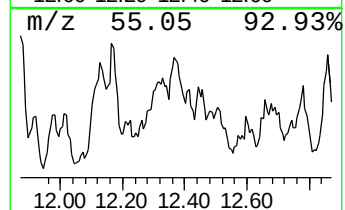
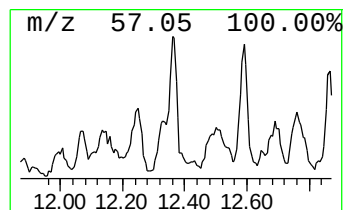
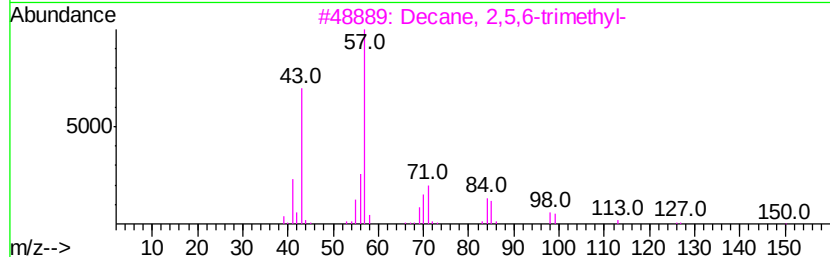
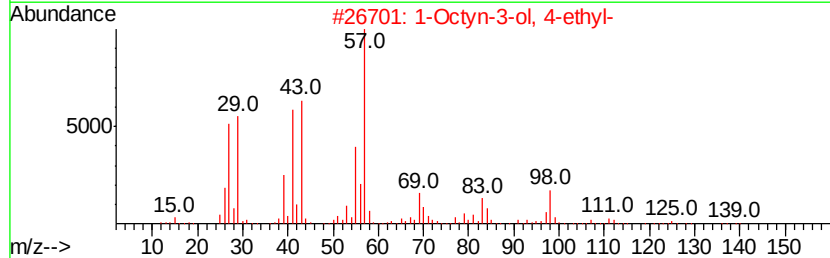
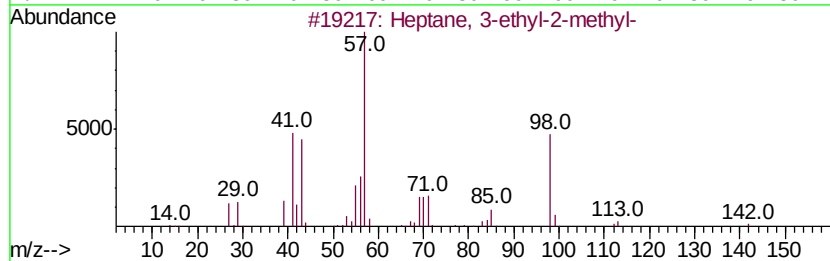
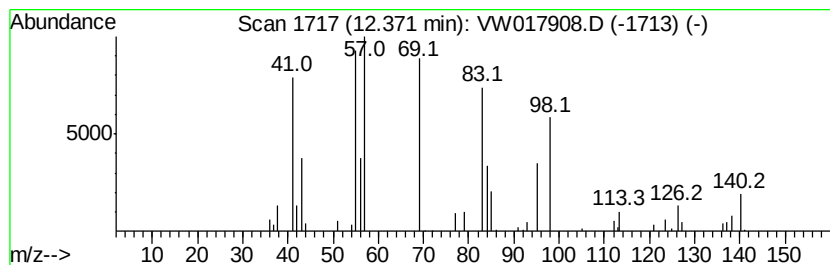
Instrument :
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.37	2.18 ug/L	70710	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	40	
2	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	37	
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	25	
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	25	
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	23	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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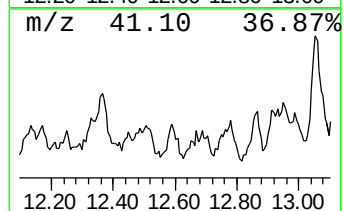
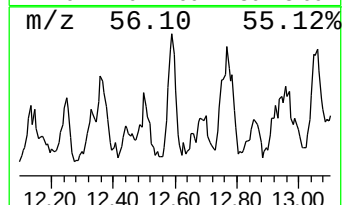
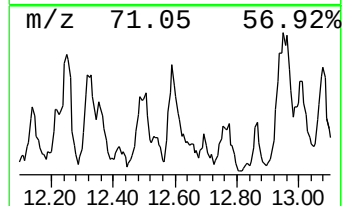
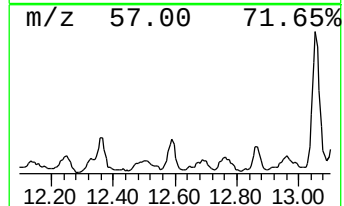
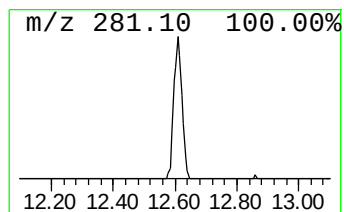
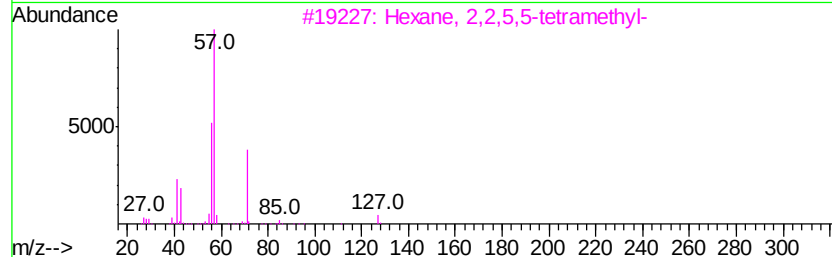
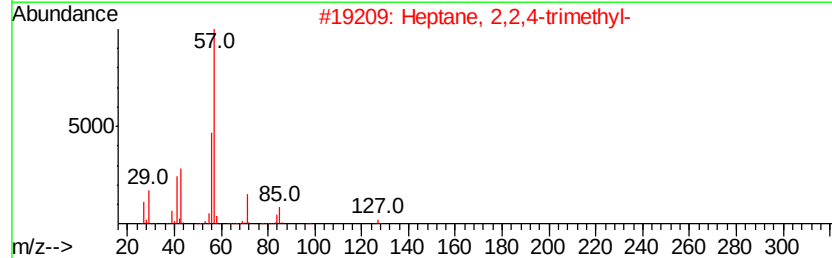
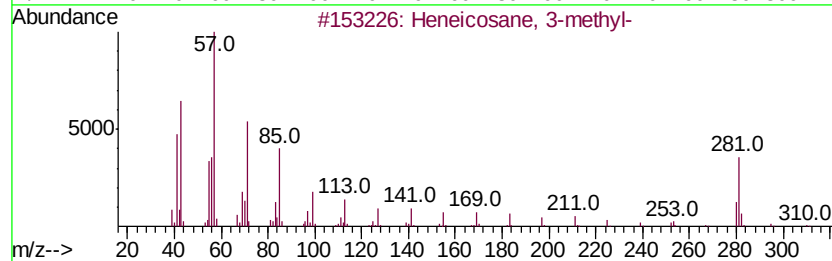
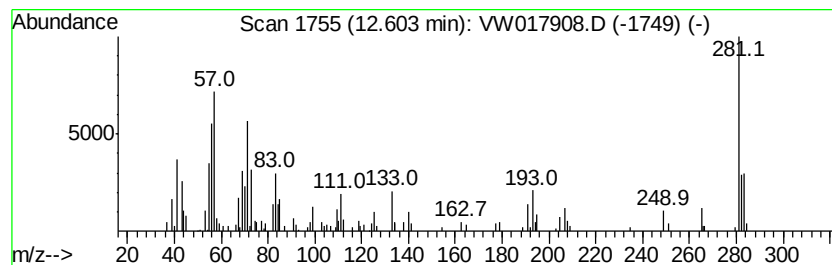
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	1.34 ug/L	62518	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 3-methyl-	310	C22H46	006418-47-9	39
2		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	32
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	32
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	32
5		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F1C15

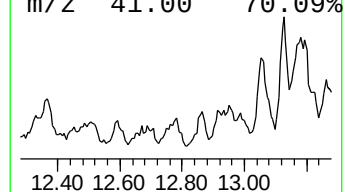
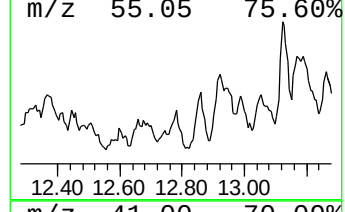
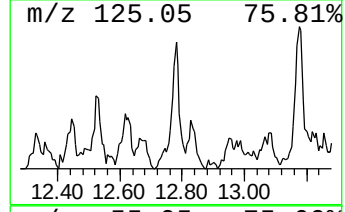
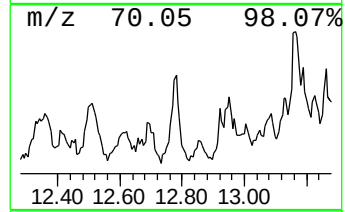
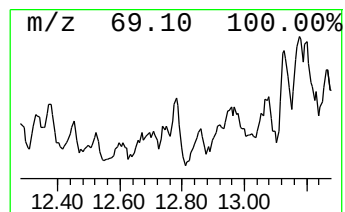
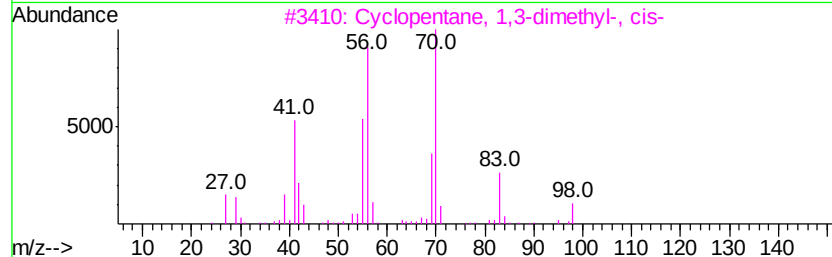
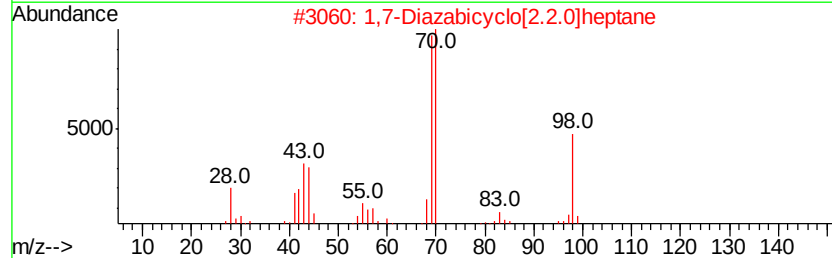
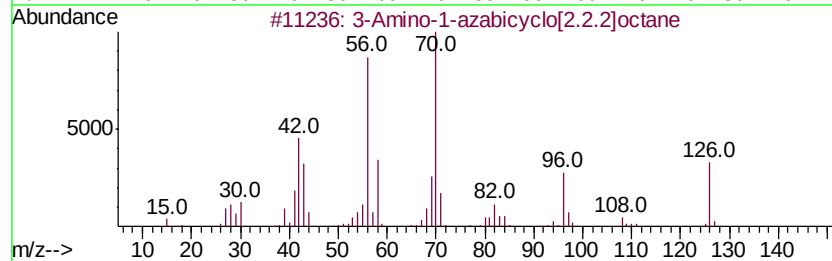
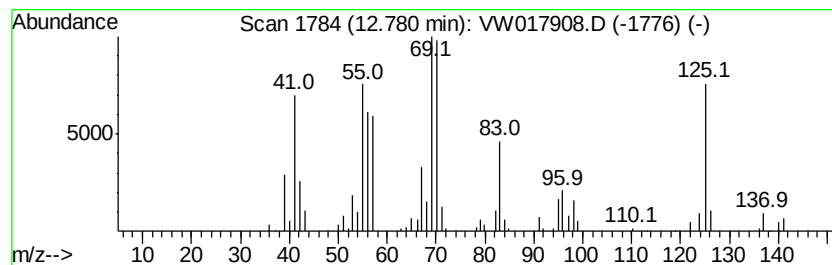
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	1.94 ug/L	90538	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Amino-1-azabicyclo[2.2.2]octane	126	C7H14N2	006238-14-8	42
2			1,7-Diazabicyclo[2.2.0]heptane	98	C5H10N2	000279-42-5	38
3			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	30
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
5			3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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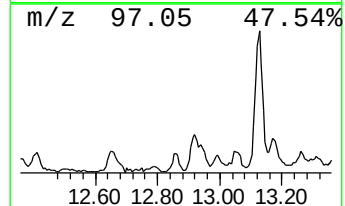
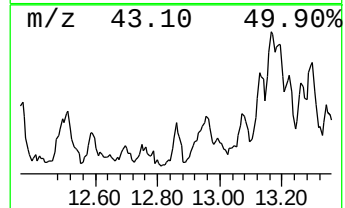
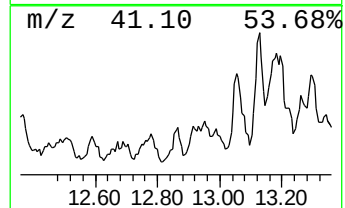
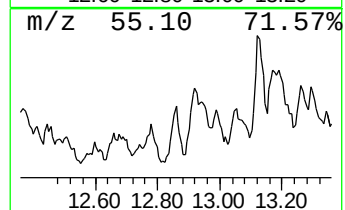
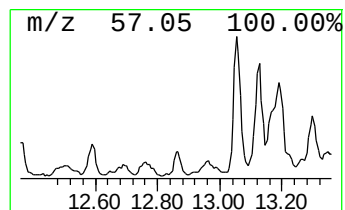
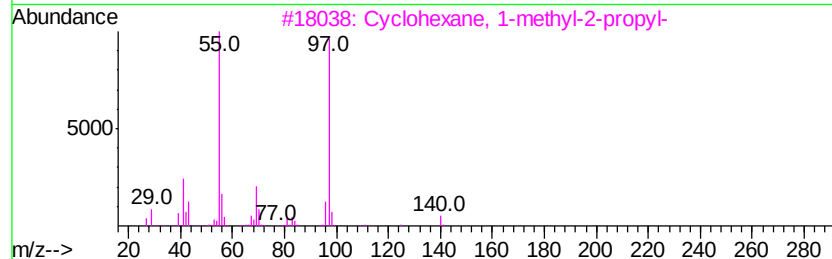
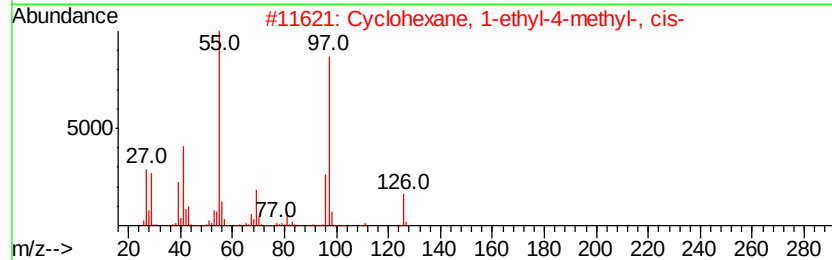
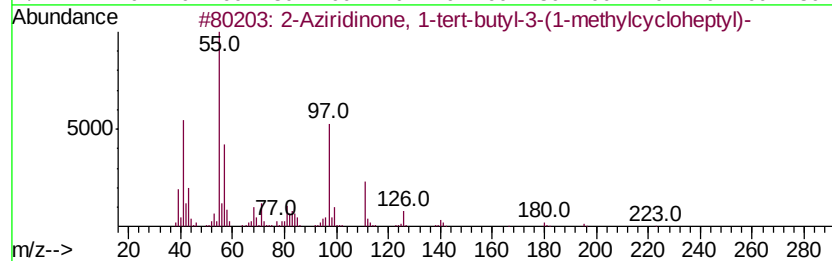
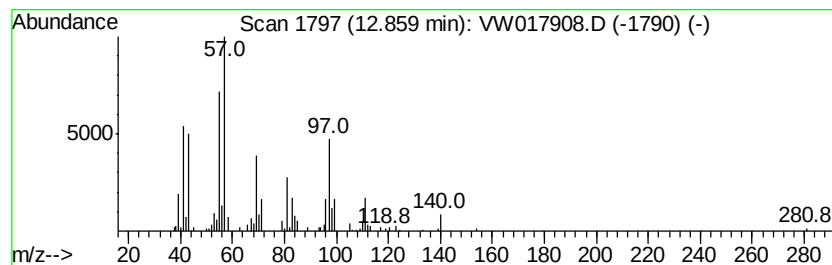
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Quant Title : VOC Analysis

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

Peak Number 17 2-Aziridinone, 1-tert-butyl... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	1.61 ug/L	75044	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	50
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	35
3			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	35
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

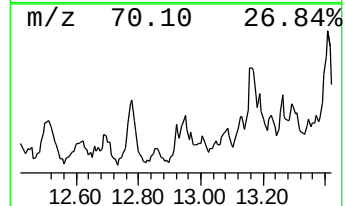
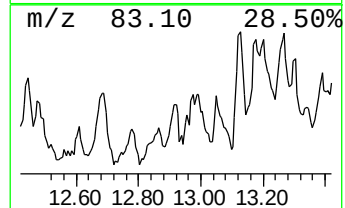
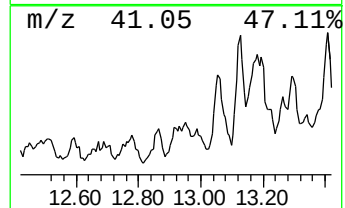
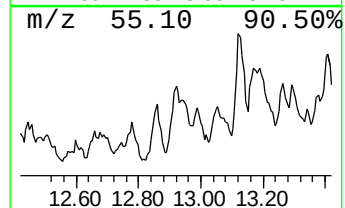
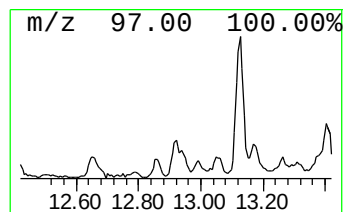
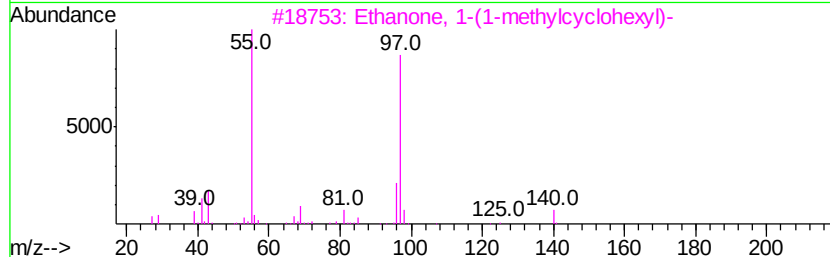
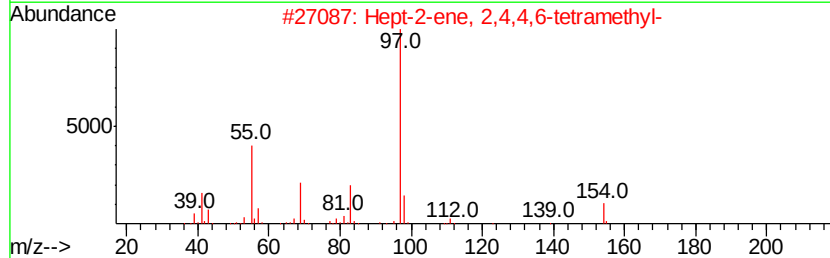
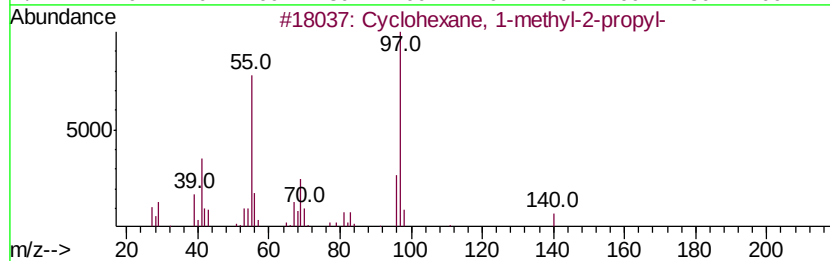
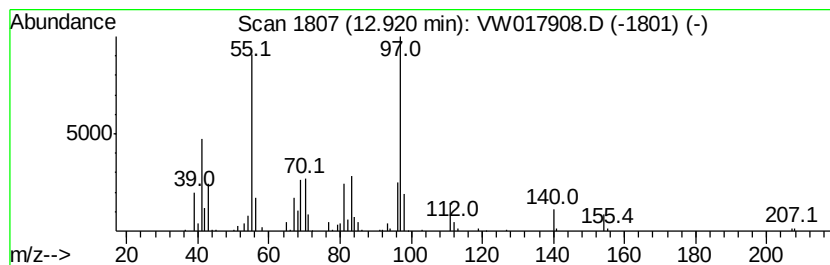
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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

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

Peak Number 18 (DEL) Alkane: Cyclic12.92 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.92	1.25 ug/L	58409	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
2	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	53
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
4	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	53
5	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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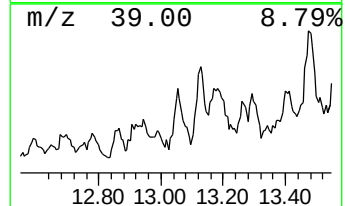
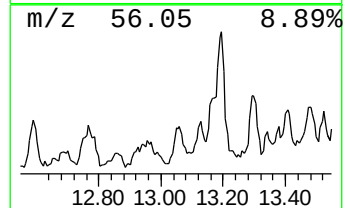
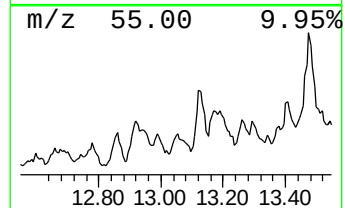
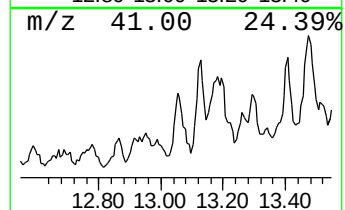
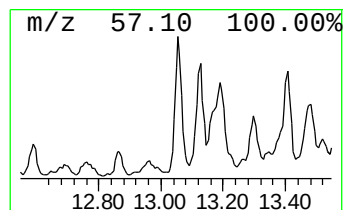
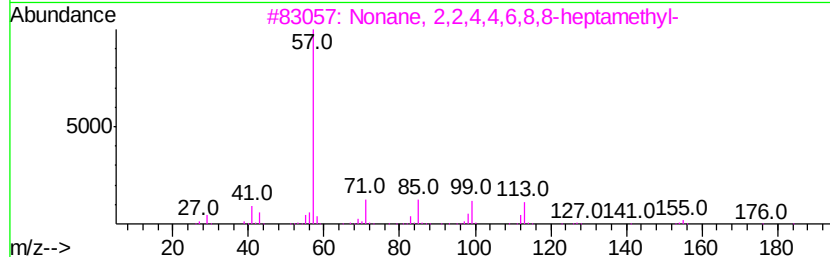
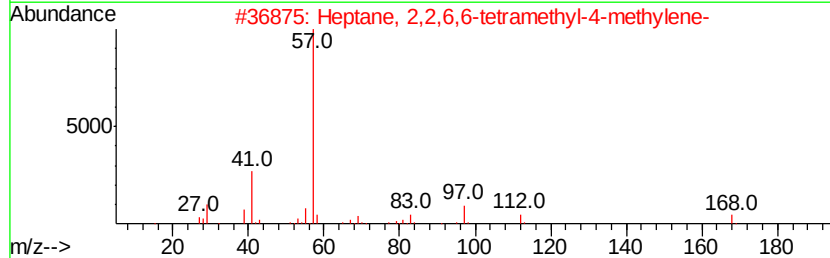
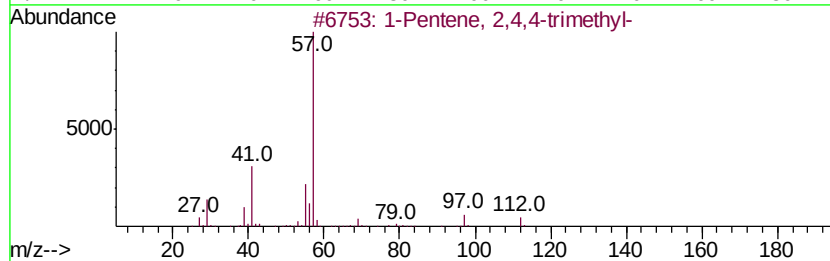
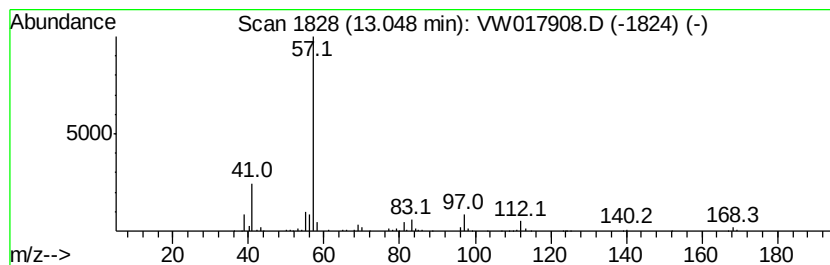
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.97 ug/L	138705	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53
2			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	47
3			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	40
4			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	38
5			4-Heptanone, 2,2,3,3,5,5,6,6-oct...	226	C15H30O	016424-66-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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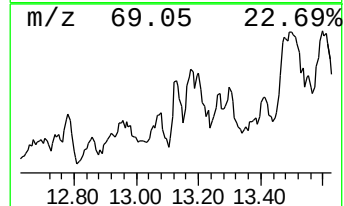
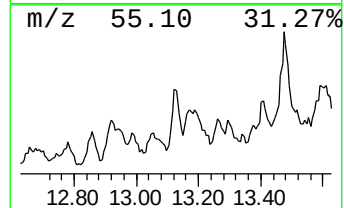
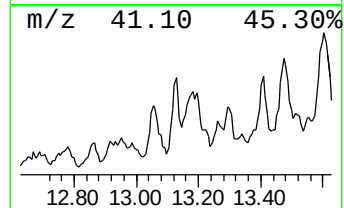
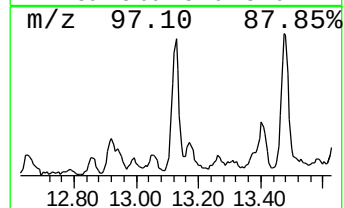
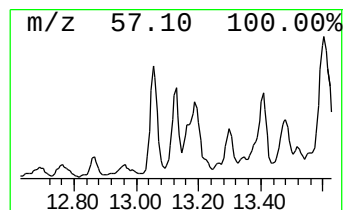
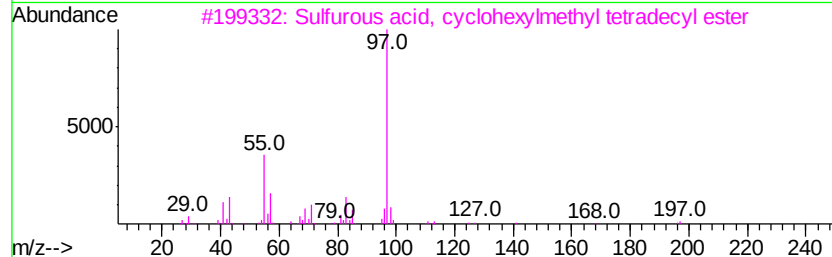
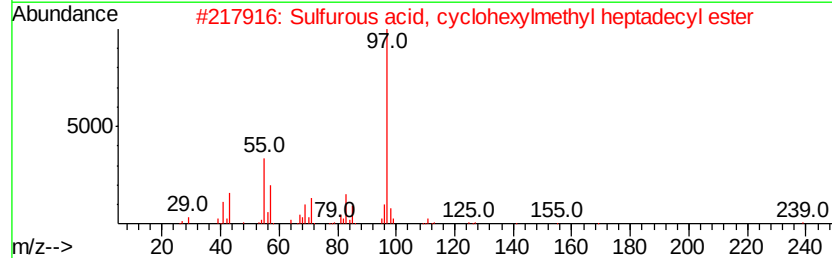
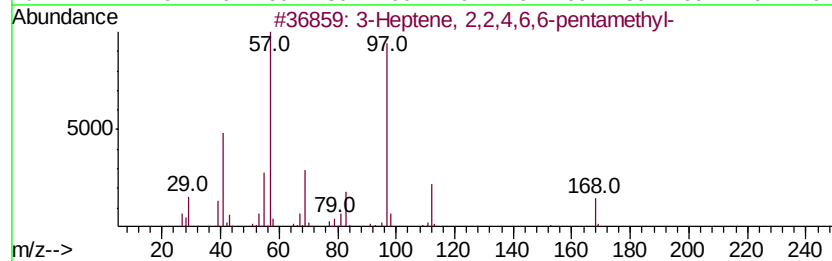
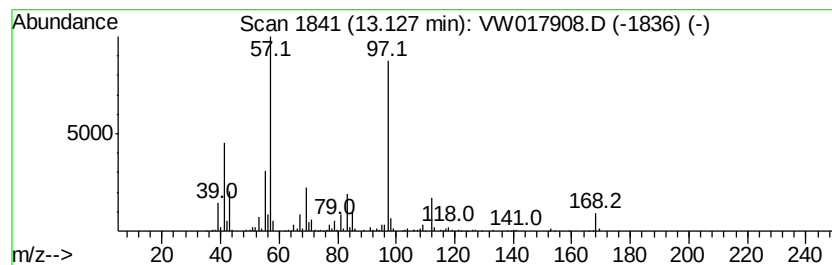
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.42 ug/L	206362	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	87
2			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
3			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	53
4			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	50
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

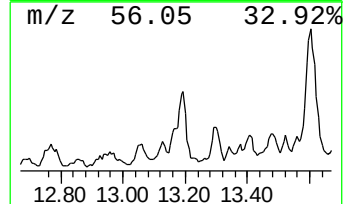
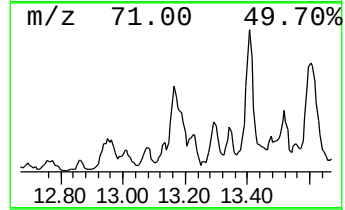
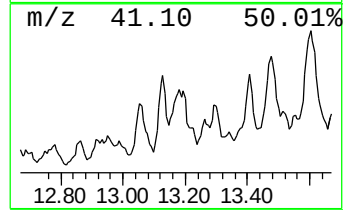
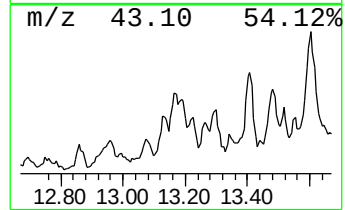
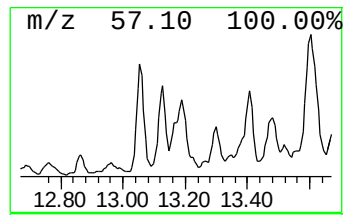
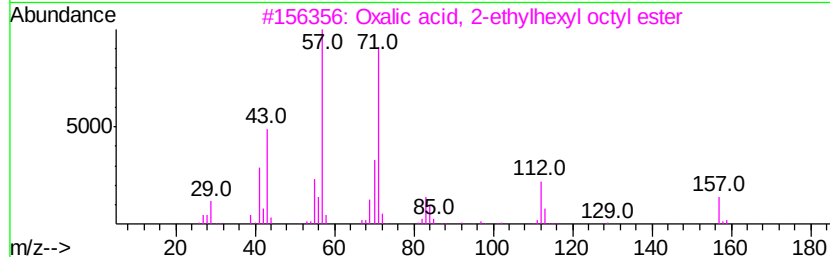
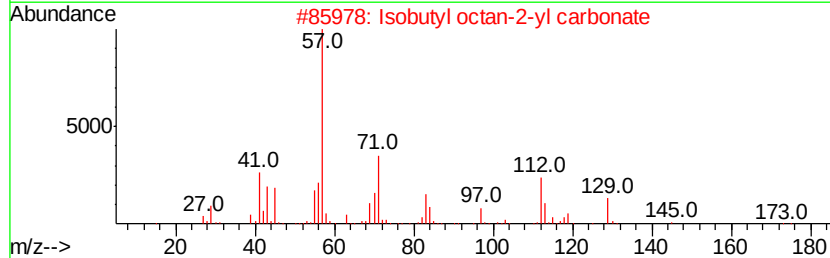
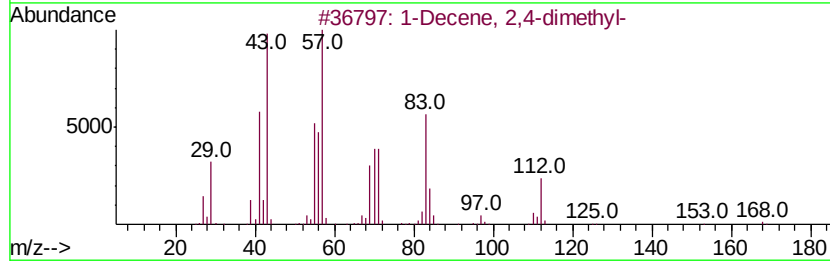
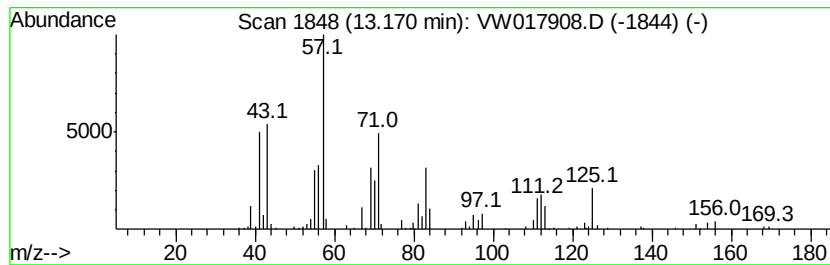
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.17	1.34 ug/L	62416	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	55
2	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	53
3	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	47
4	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	47
5	Decane, 2-methyl-	156	C11H24	006975-98-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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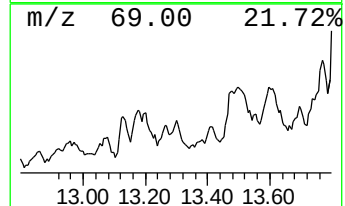
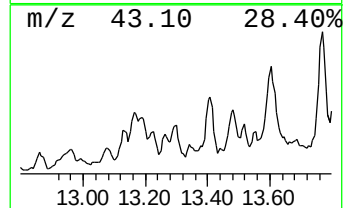
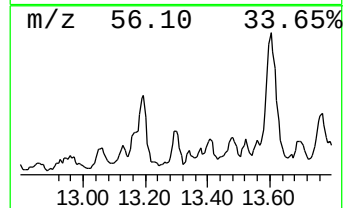
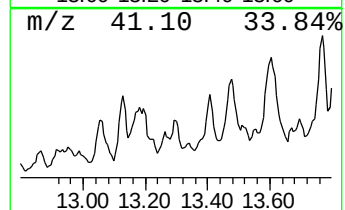
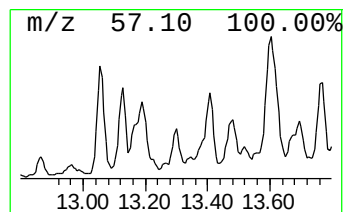
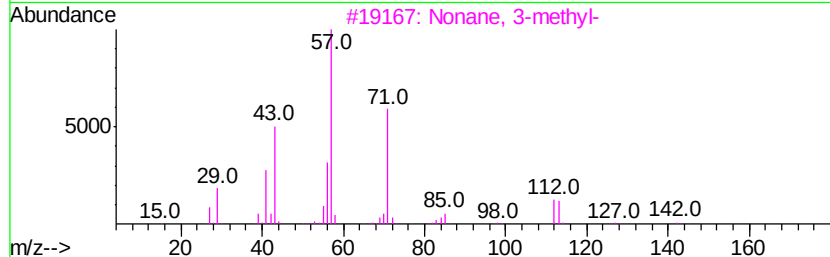
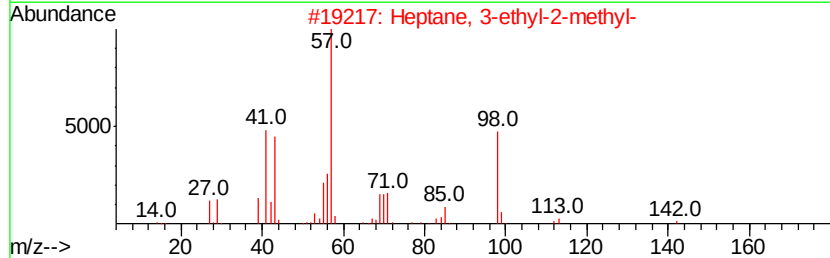
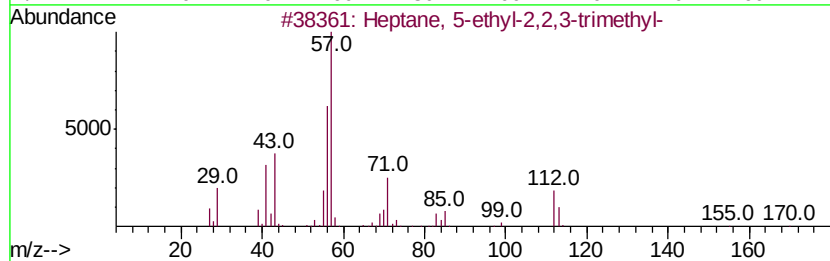
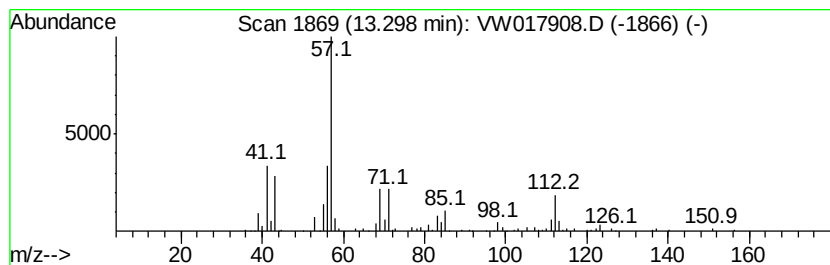
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.76 ug/L	82313	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	59
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

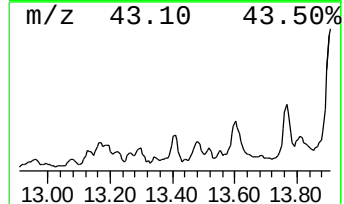
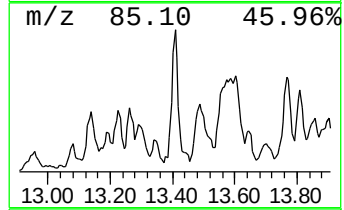
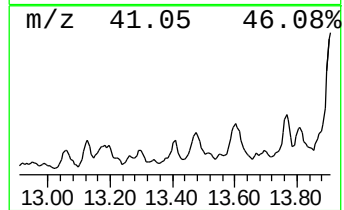
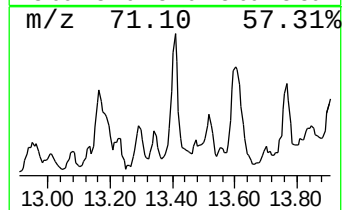
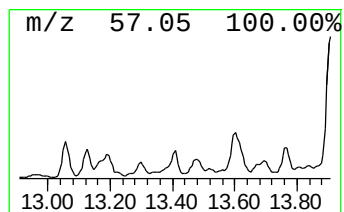
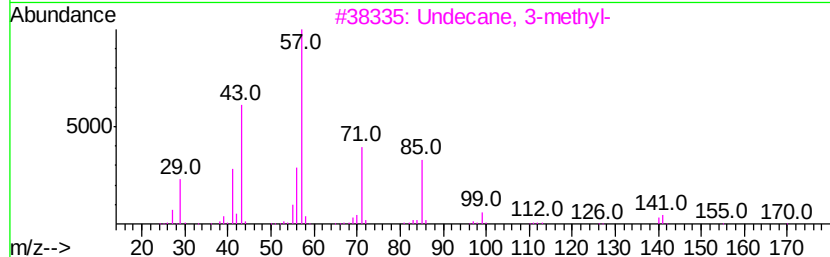
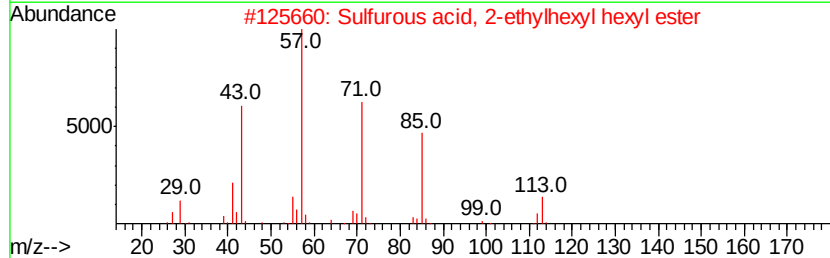
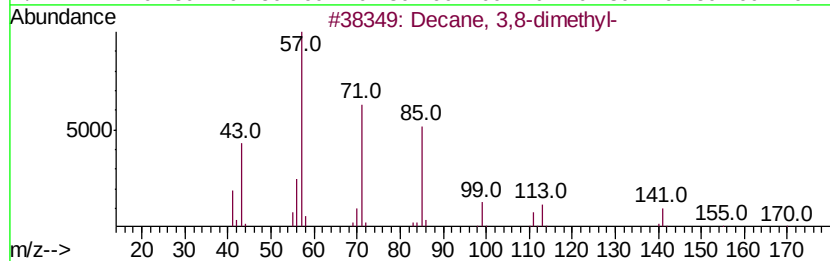
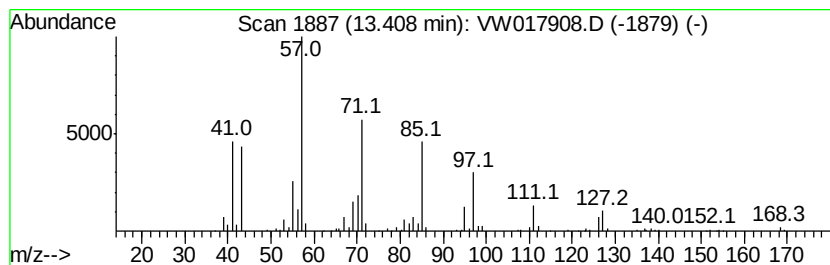
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.41	4.56 ug/L	212620	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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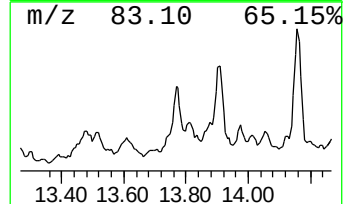
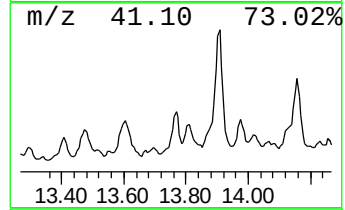
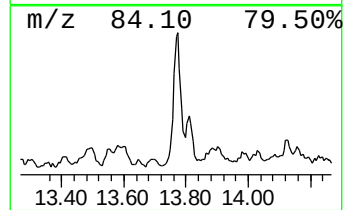
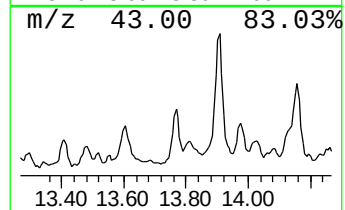
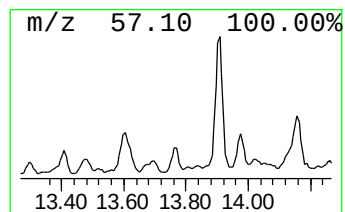
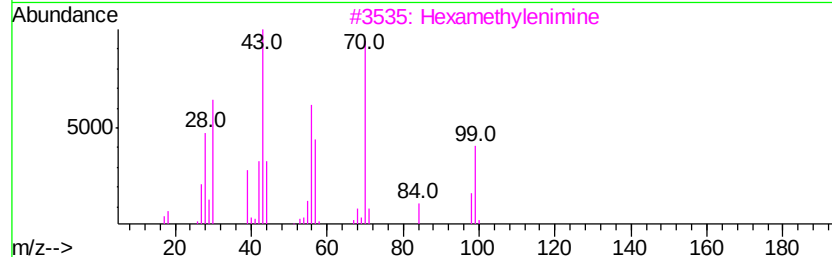
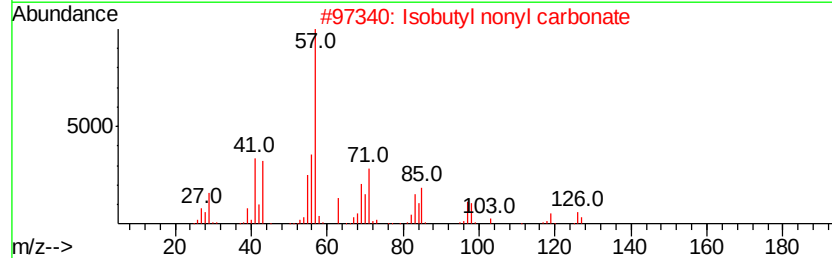
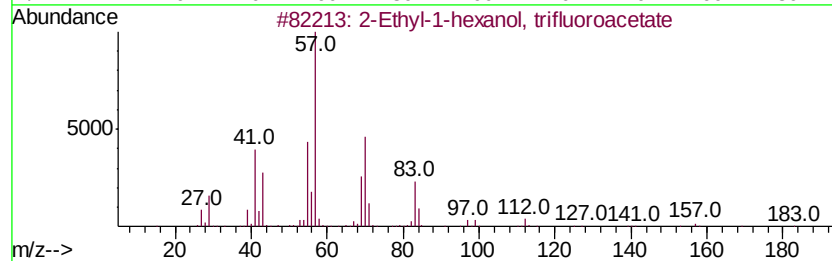
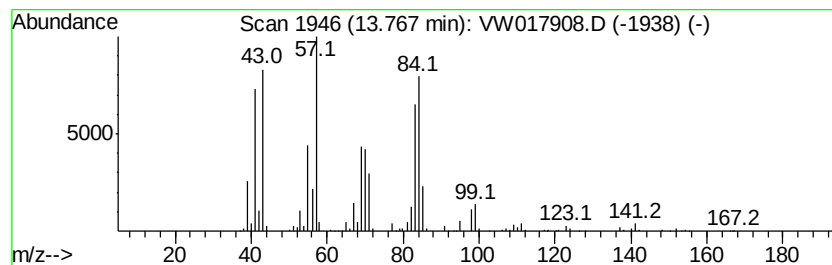
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 Quant Title : VOC Analysis

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

 Peak Number 24 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.68 ug/L	358491	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	1000365-19-6	38
2		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	27
3		Hexamethylenimine	99	C6H13N	000111-49-9	25
4		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	22
5		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

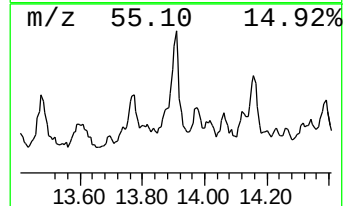
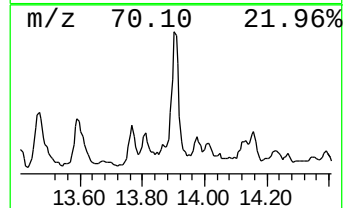
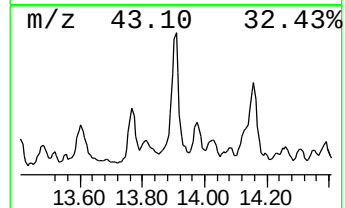
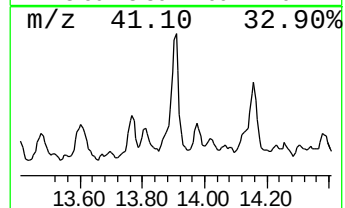
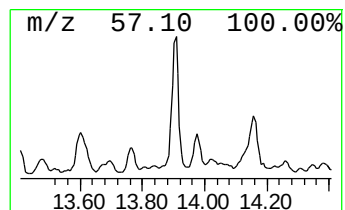
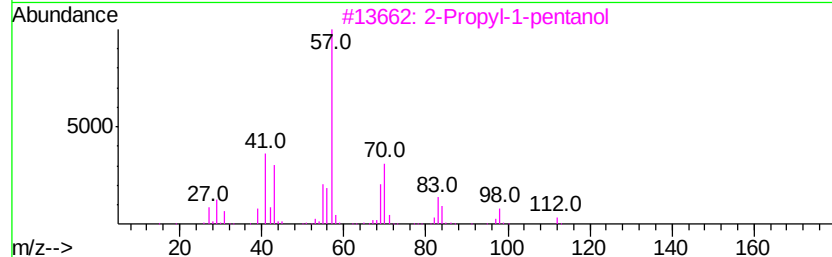
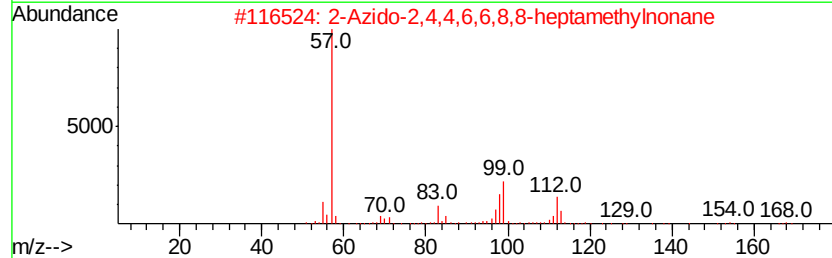
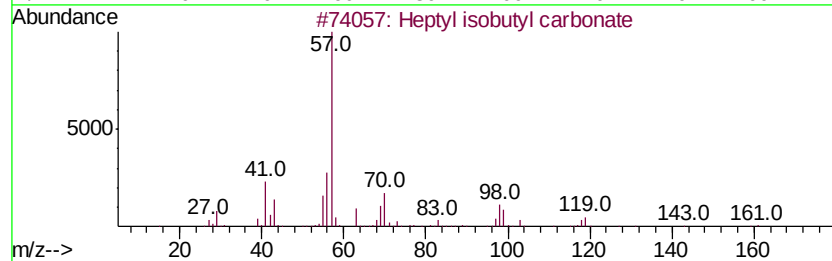
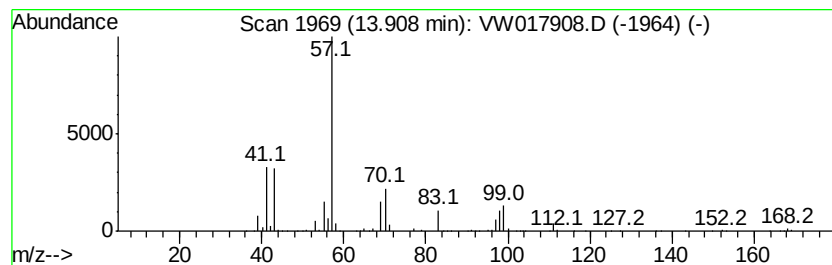
Instrument :
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ClientSampleId :
F1C15

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

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

Peak Number 25 Heptyl isobutyl carbonate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.91	17.13 ug/L	799190	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
2		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	50
3		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	45
4		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
5		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

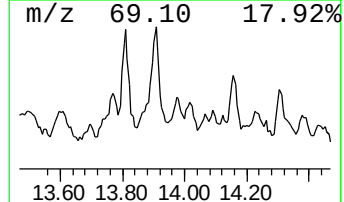
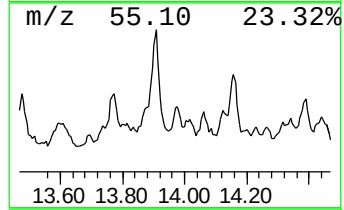
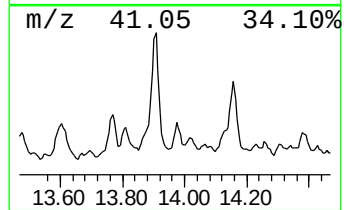
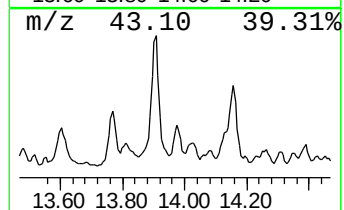
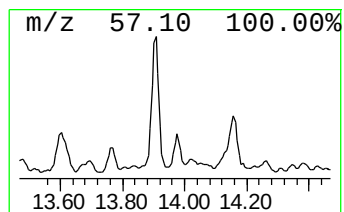
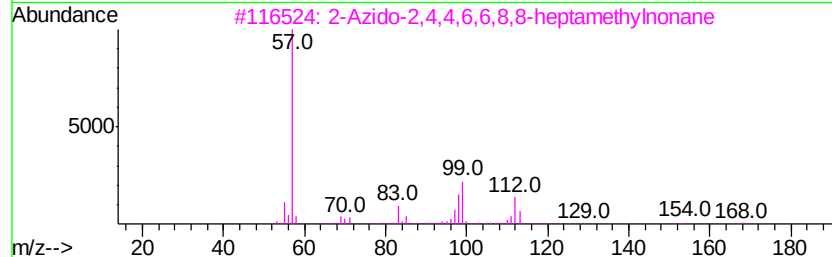
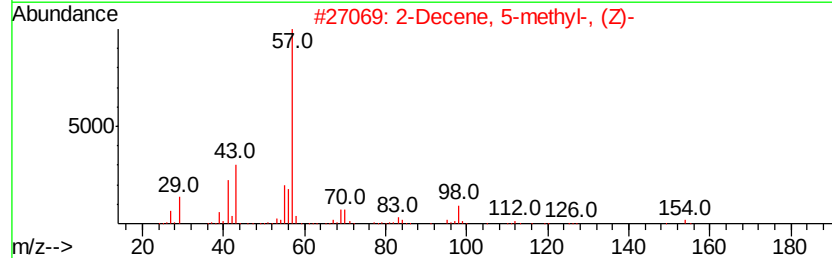
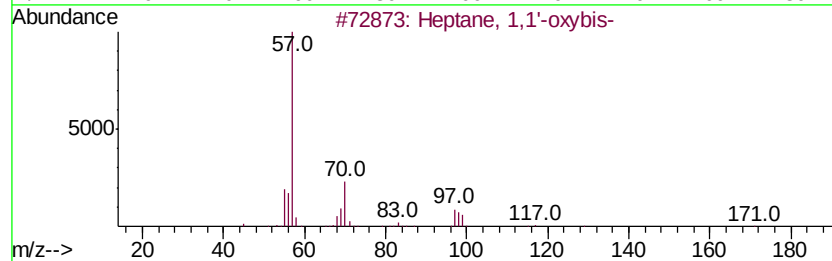
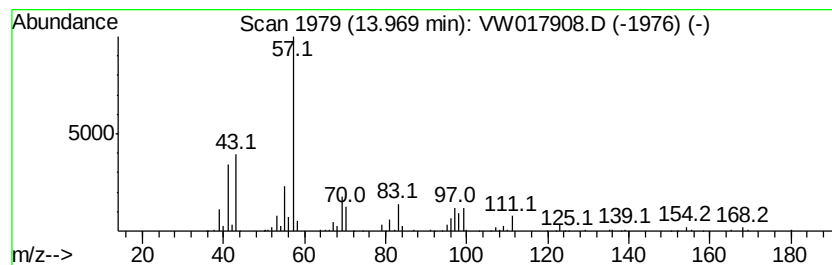
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 26 Heptane, 1,1'-oxybis- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.55 ug/L	165711	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1 50
2		2-Decene, 5-methyl-, (Z)-	154 C11H22	074645-86-6 46
3		2-Azido-2,4,4,6,6,8,8-heptamethyl...	267 C16H33N3	1000293-29-1 40
4		Heptane, 2,3,5-trimethyl-	142 C10H22	020278-85-7 38
5		Heptane, 3-ethyl-	128 C9H20	015869-80-4 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

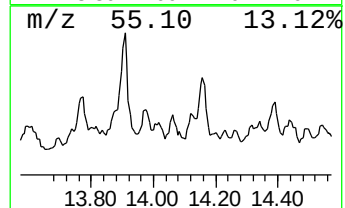
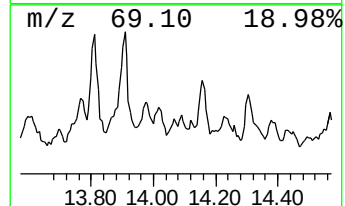
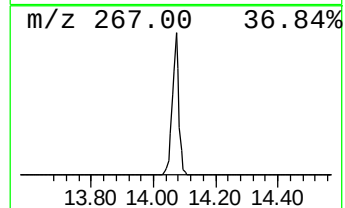
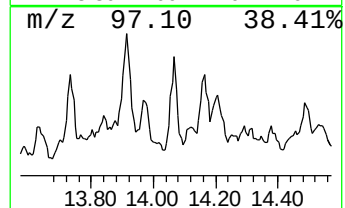
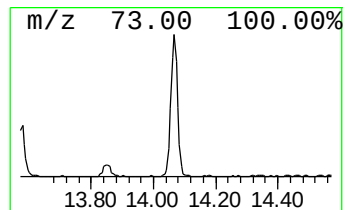
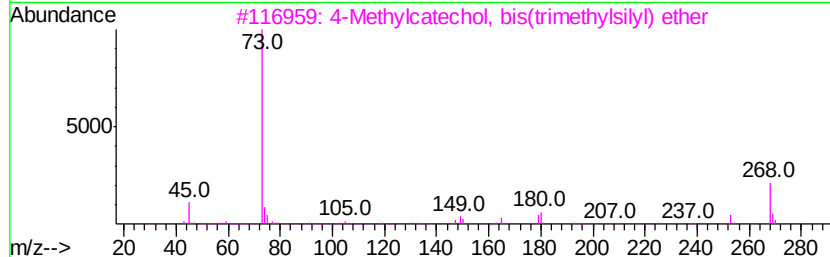
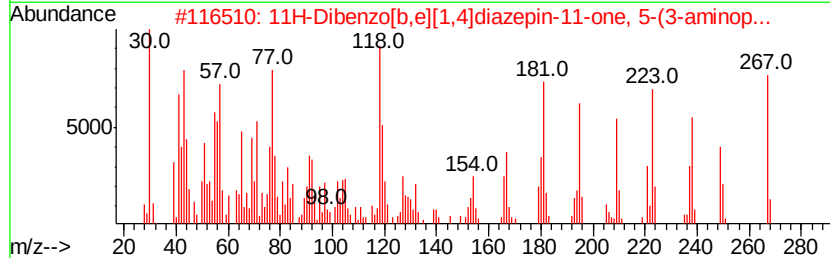
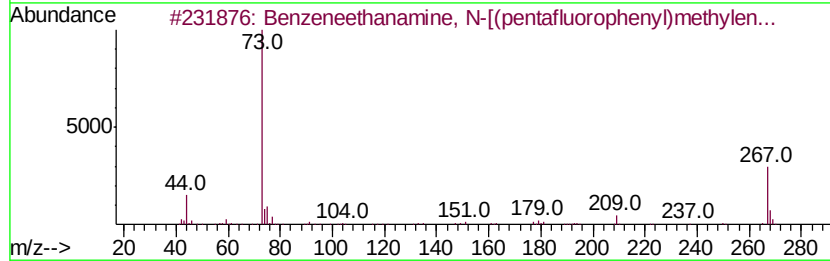
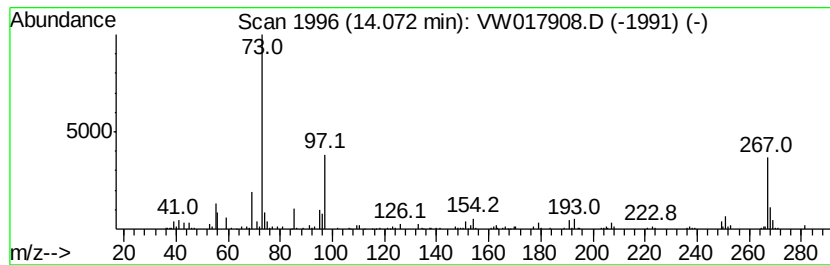
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 27 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.59 ug/L	120978	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzeneethanamine, N-[(pentafluoro...	475 C21H26F5N02Si2	055429-85-1 22
2		11H-Dibenzo[b,e][1,4]diazepin-11...	267 C16H17N3O	013450-73-2 18
3		4-Methylcatechol, bis(trimethylsilyl...	268 C13H24O2Si2	1000332-79-9 14
4		Benzoic acid, 2-[(trimethylsilyl)...	282 C13H22O3Si2	003789-85-3 10
5		Benzoic acid, 2-[(trimethylsilyl)...	282 C13H22O3Si2	003789-85-3 10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

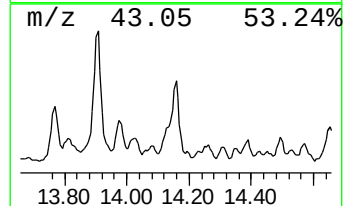
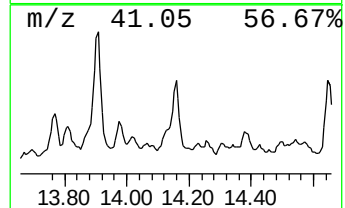
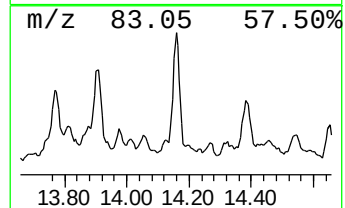
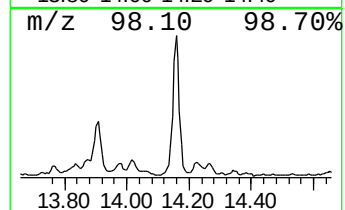
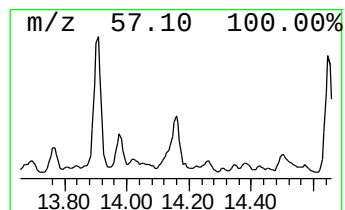
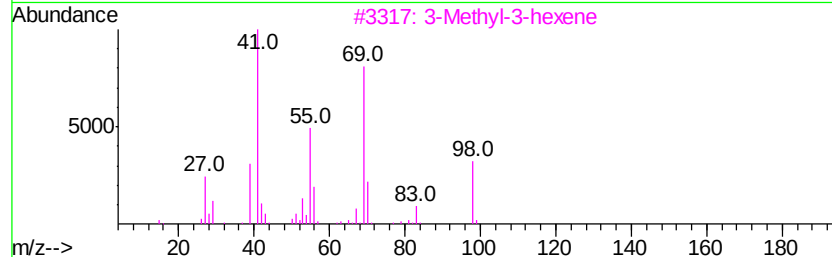
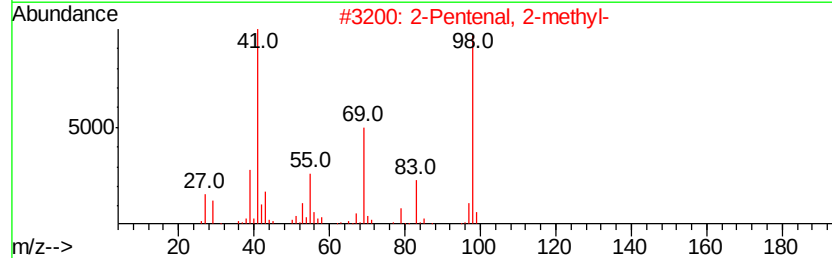
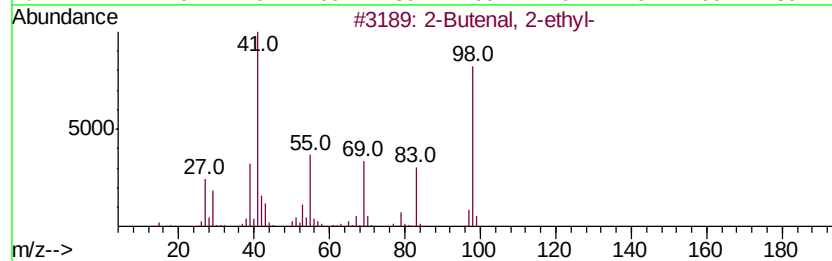
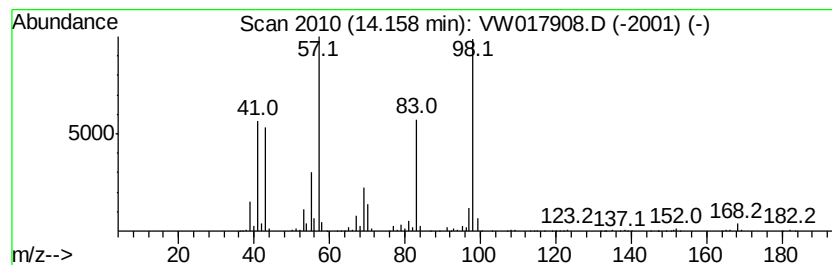
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 28 2-Butenal, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	11.36 ug/L	530073	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-Butenal, 2-ethyl-	98 C6H10O	019780-25-7 53
2		2-Pentenal, 2-methyl-	98 C6H10O	000623-36-9 50
3		3-Methyl-3-hexene	98 C7H14	003404-65-7 47
4		Cyclohexanone, 4-(1,1-dimethylet...	154 C10H18O	000098-53-3 45
5		2-Hexene, 3-methyl-, (Z)-	98 C7H14	010574-36-4 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

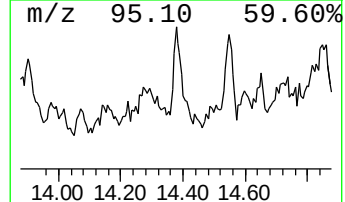
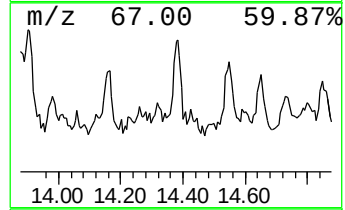
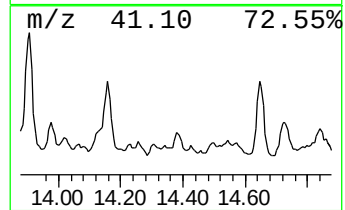
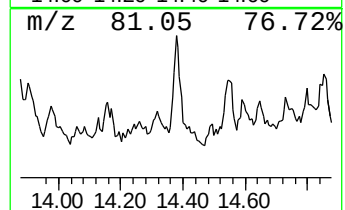
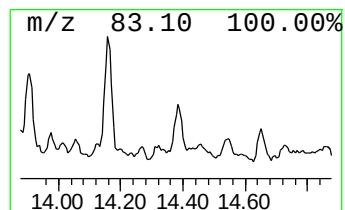
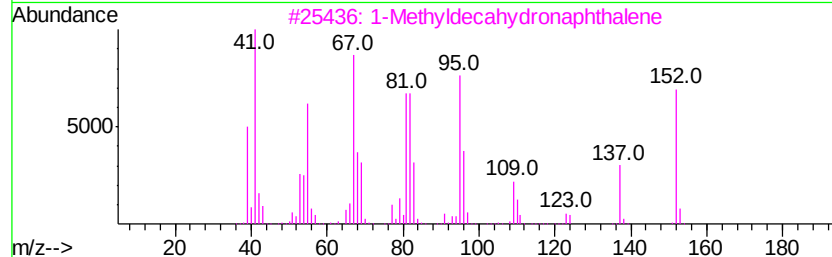
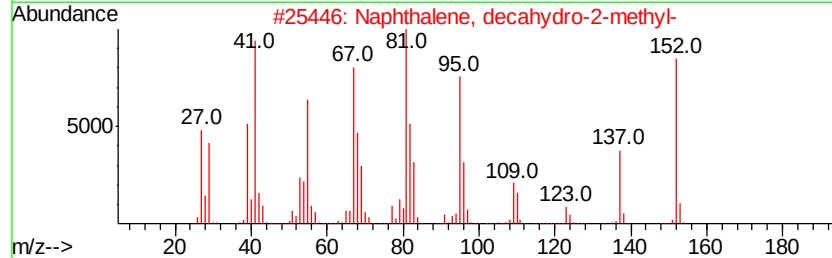
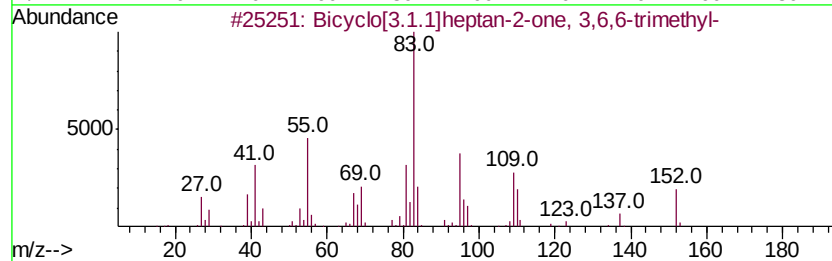
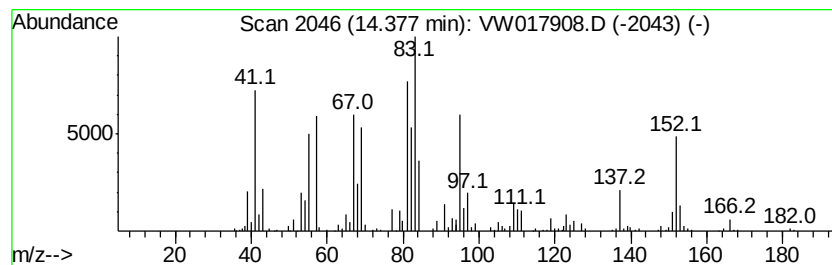
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 29 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.38	3.59 ug/L	167504	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	53
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	49
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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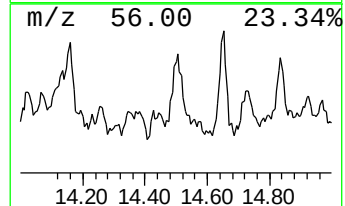
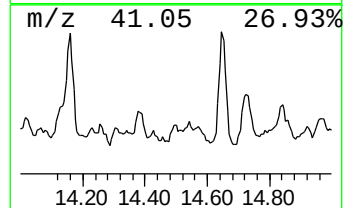
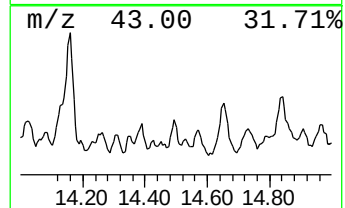
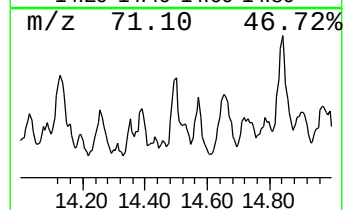
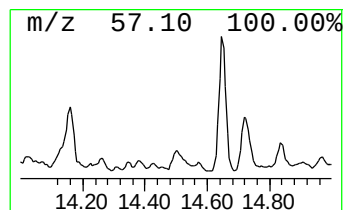
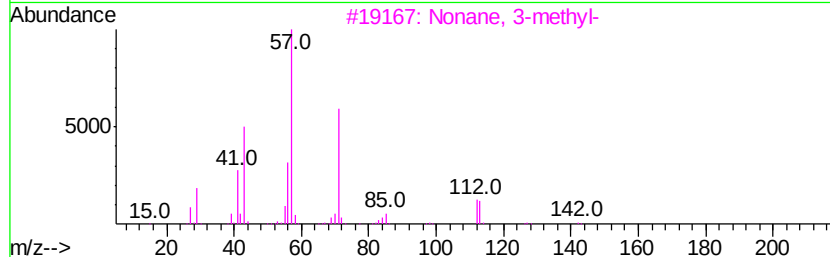
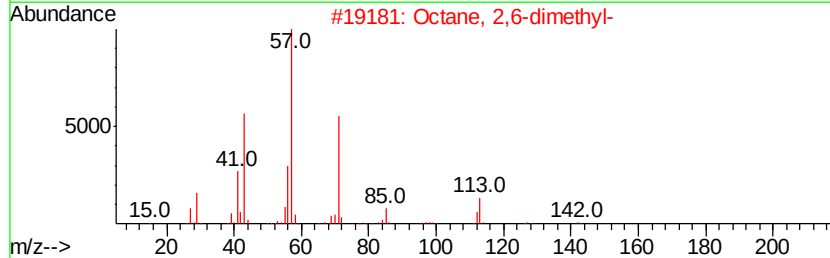
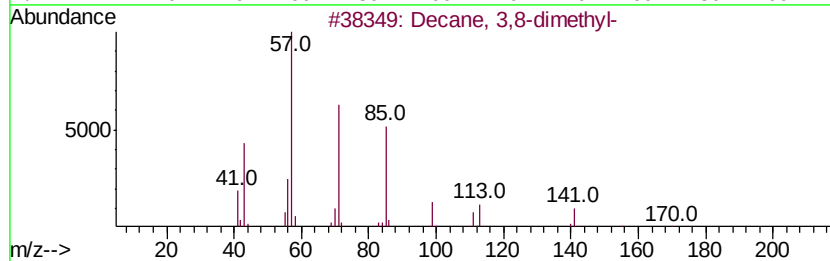
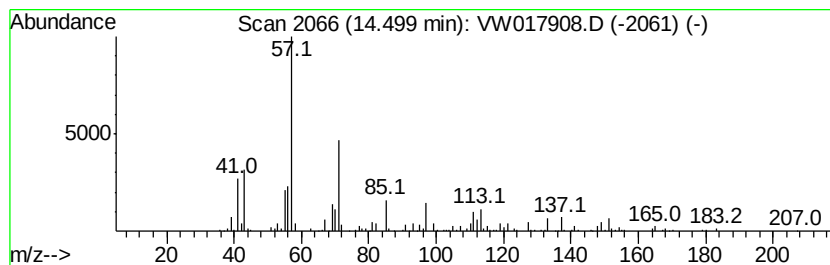
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.98 ug/L	138935	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
5			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C15

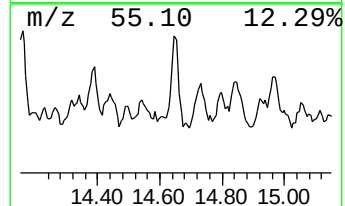
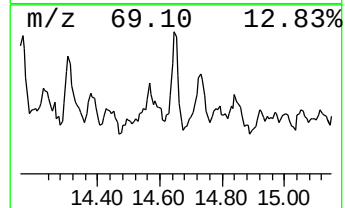
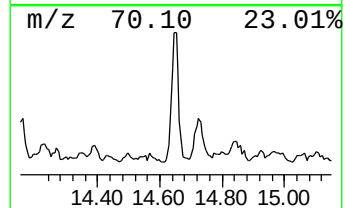
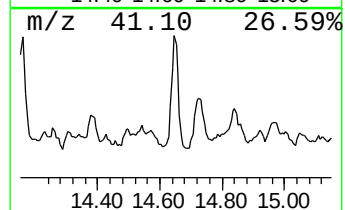
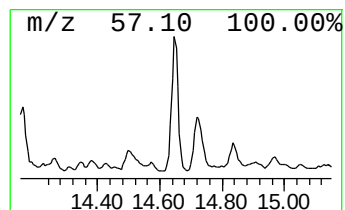
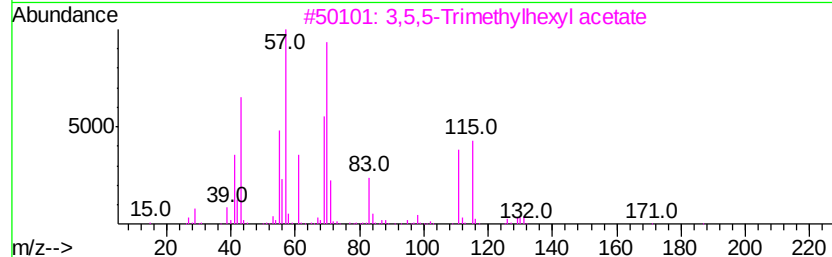
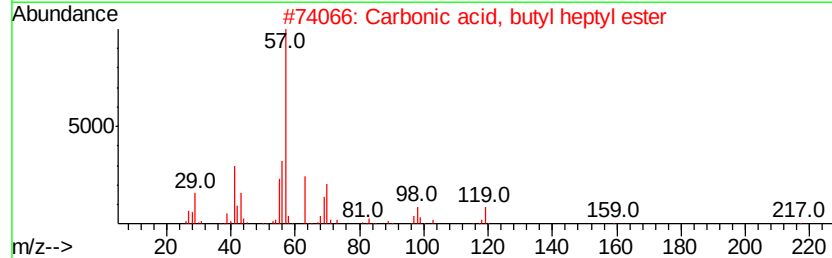
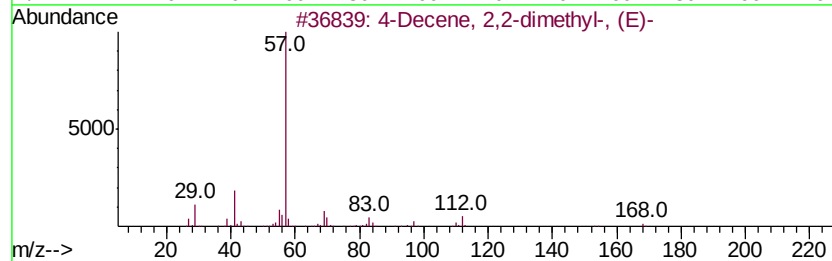
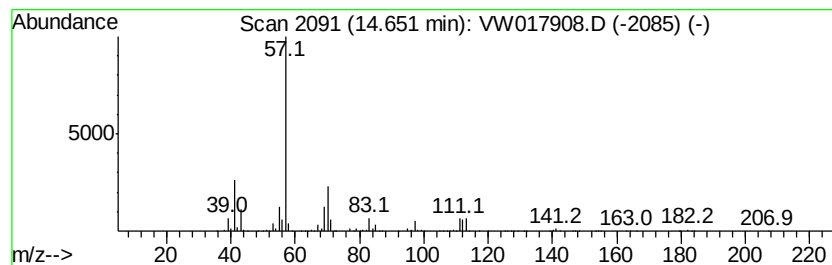
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	10.15 ug/L	473628	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	47
2		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	38
3		3,5,5-Trimethylhexyl acetate	186	C11H22O2	058430-94-7	38
4		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	32
5		2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C15

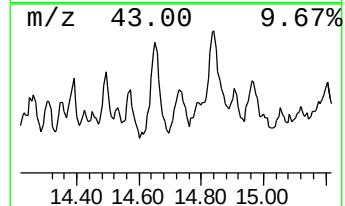
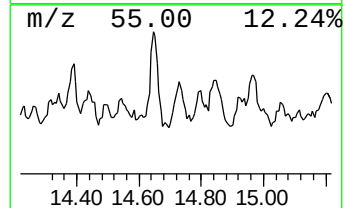
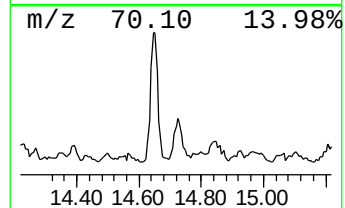
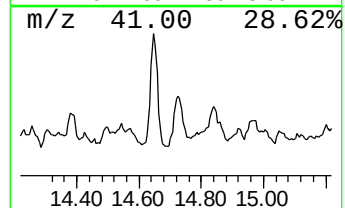
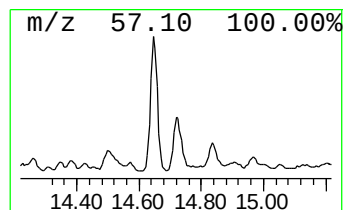
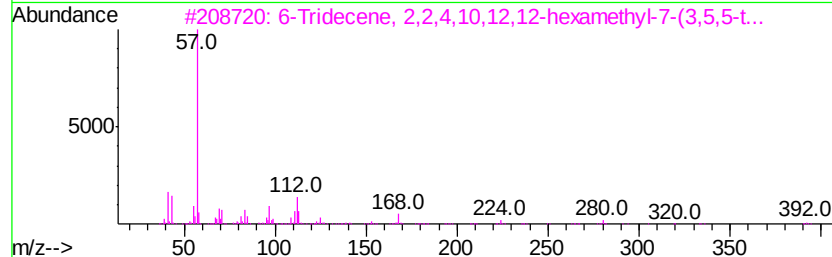
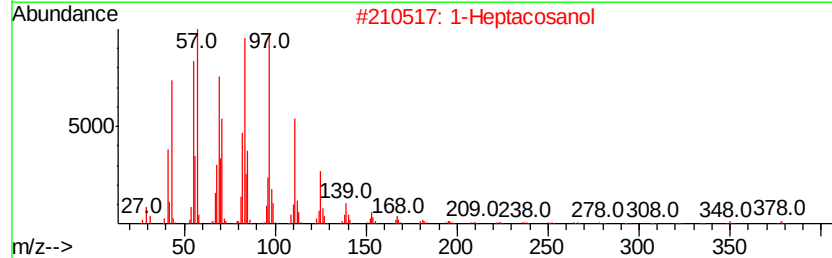
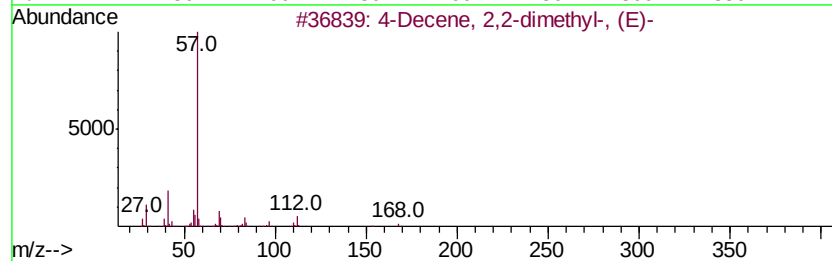
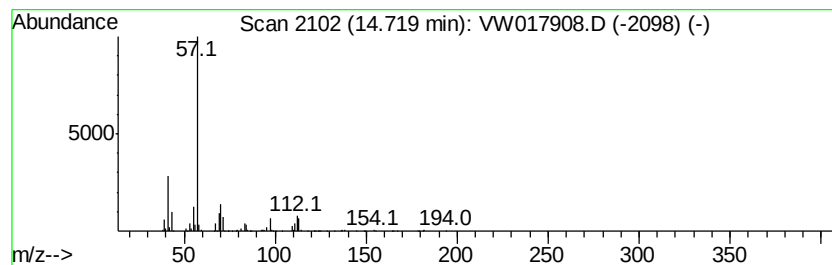
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.15 ug/L	240074	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	47
2			1-Heptacosanol	396	C27H56O	002004-39-9	43
3			6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	42
4			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	38
5			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
F1C15

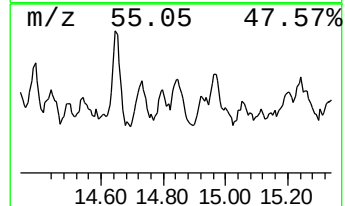
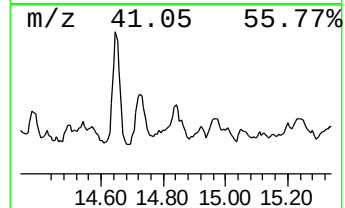
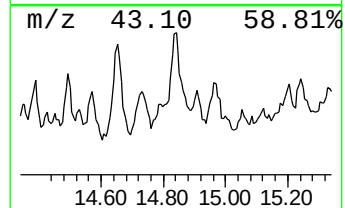
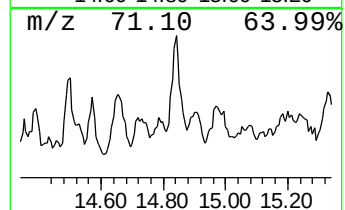
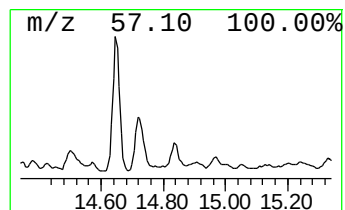
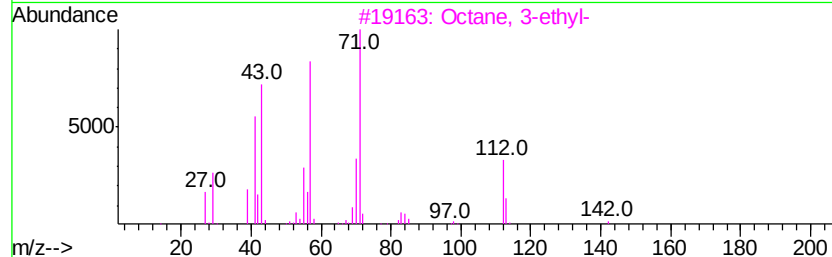
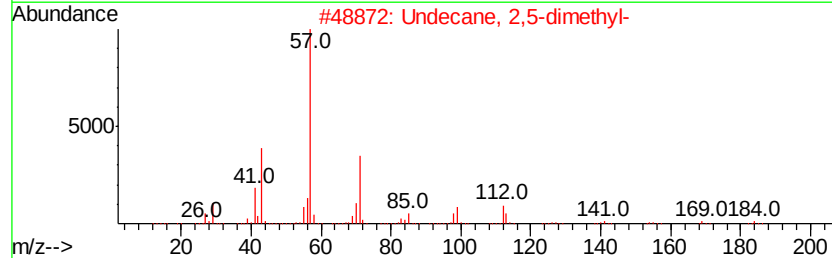
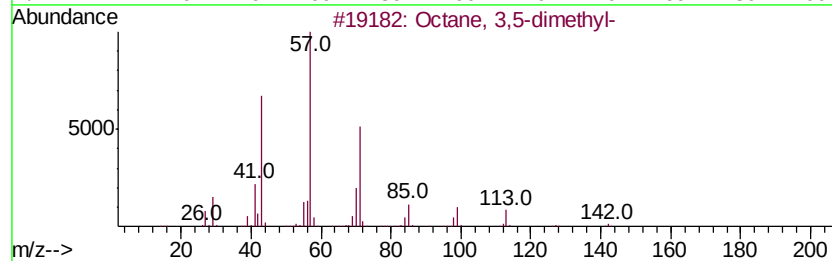
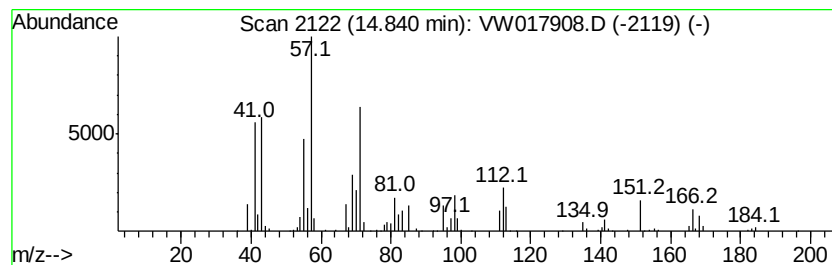
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Quant Title : VOC Analysis

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	4.30 ug/L	200790	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	55
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	49
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	49
4			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

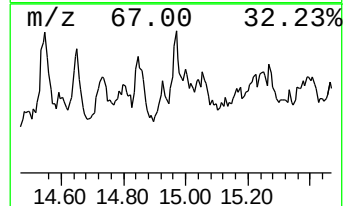
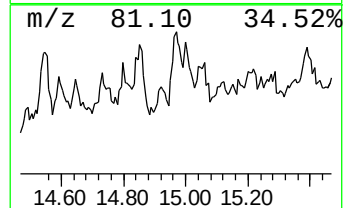
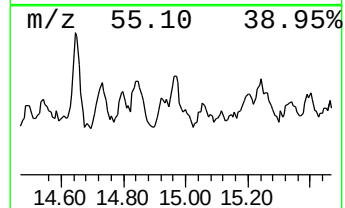
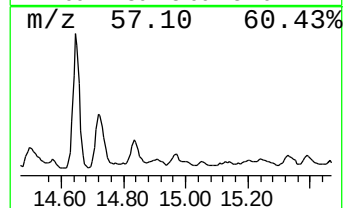
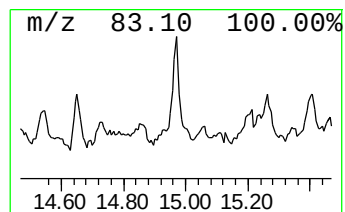
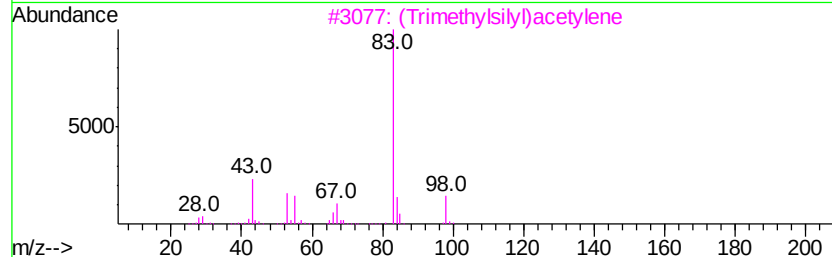
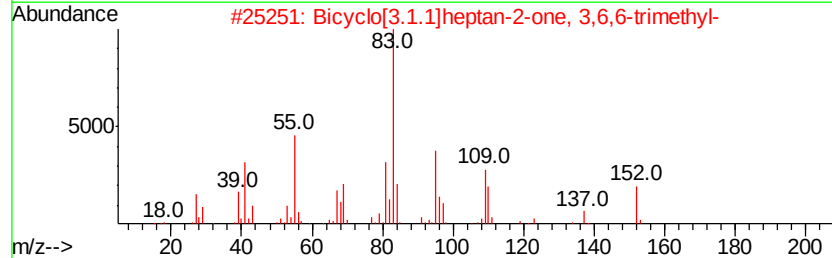
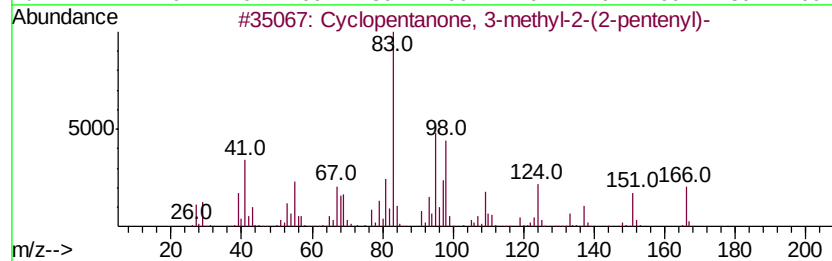
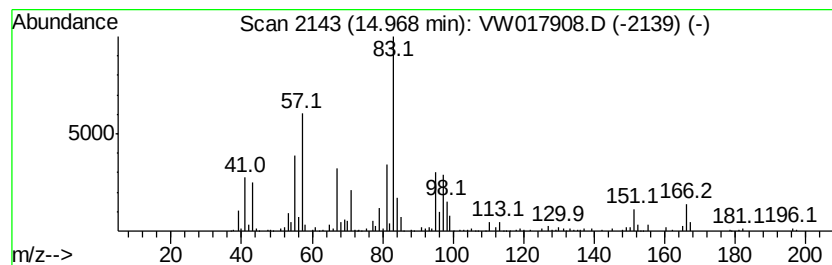
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 Quant Title : VOC Analysis

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

 Peak Number 34 unknown-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.74 ug/L	127618	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanone, 3-methyl-2-(2-penteny...)	166	C11H18O	007051-39-0	46
2		Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	40
3		(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	32
4		3,3-Dimethylacryloyl chloride	118	C5H7ClO	003350-78-5	30
5		Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

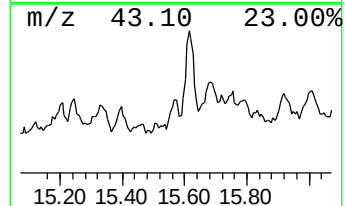
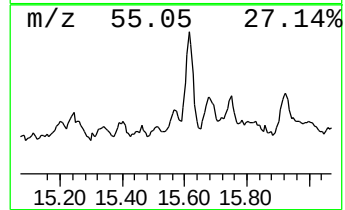
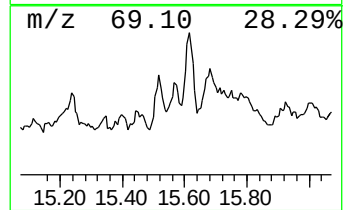
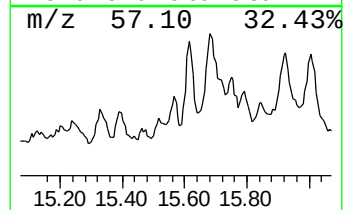
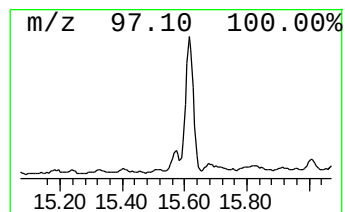
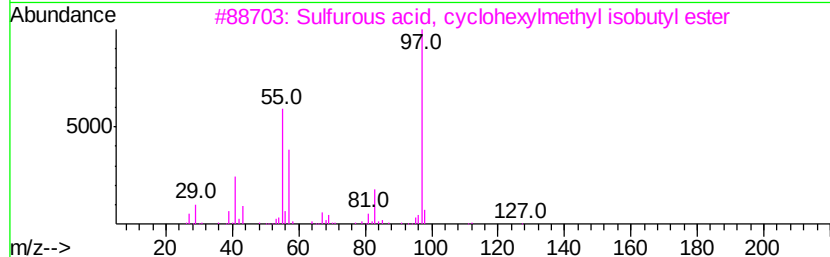
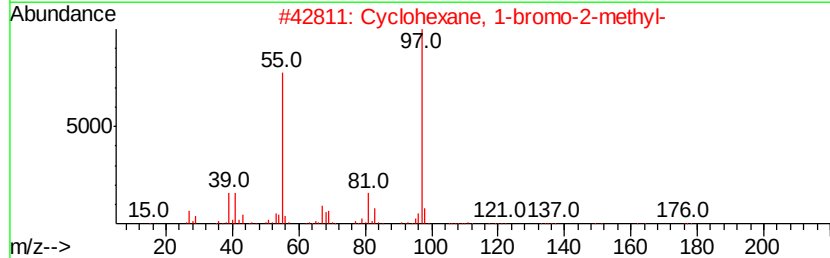
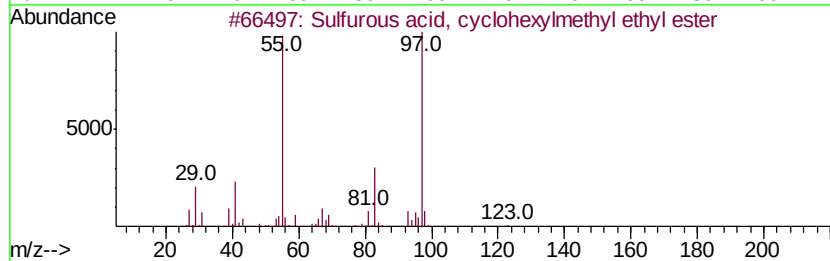
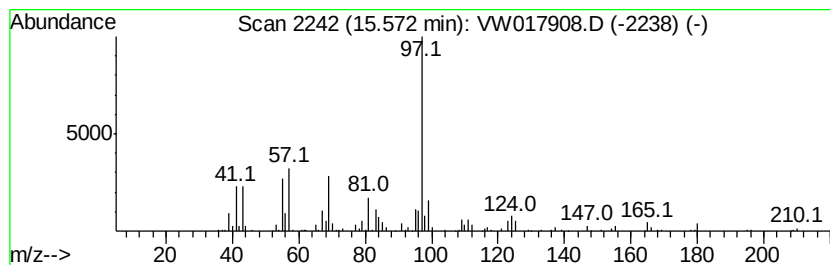
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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

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

Peak Number 35 Sulfurous acid, cyclohexylm... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.57	1.85 ug/L	86227	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	50
2		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	47
3		Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	47
4		Cyclopentanecarboxylic acid, 4-t...	310	C20H38O2	1000280-58-9	47
5		Bis(2-ethylhexyl) methylphosphonate	320	C17H37O3P	1000298-35-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

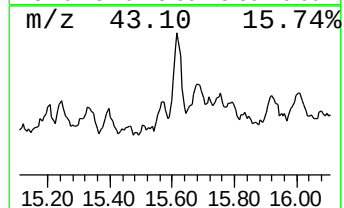
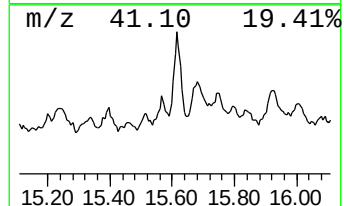
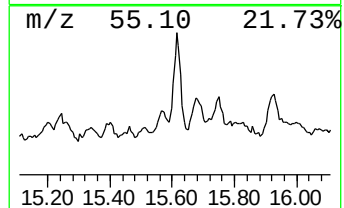
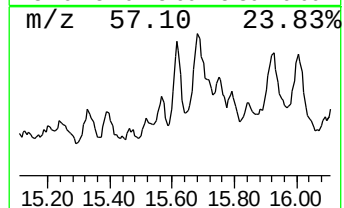
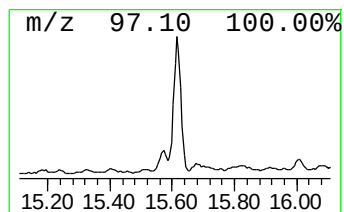
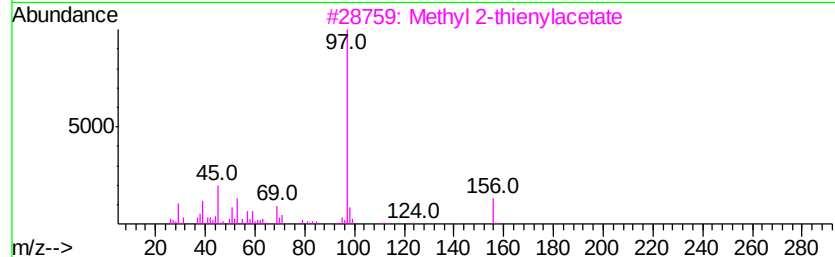
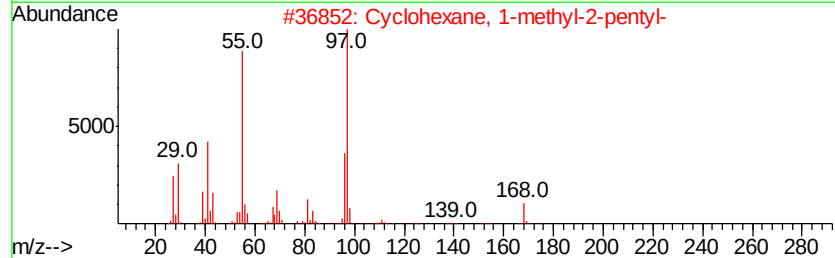
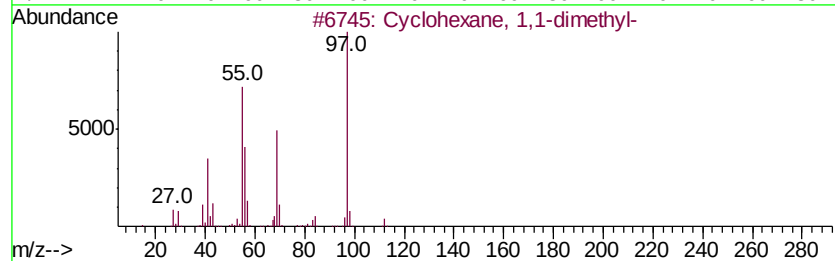
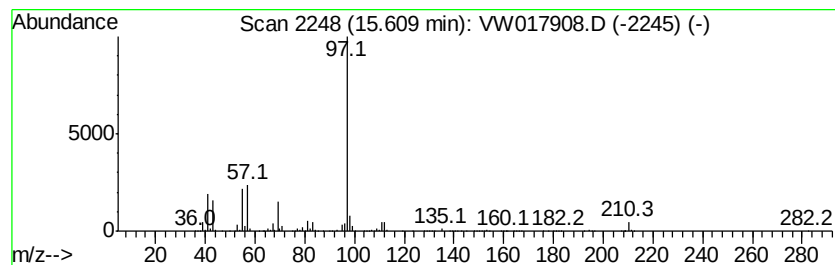
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Cyclic15.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	10.45 ug/L	487432	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 72
2		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 72
3		Methyl 2-thienylacetate	156 C7H8O2S	019432-68-9 64
4		Isoxazole, 3,5-dimethyl-	97 C5H7NO	000300-87-8 59
5		2,4-Dimethyl-1,5-diazabicyclo[3....	112 C6H12N2	100463-01-2 59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

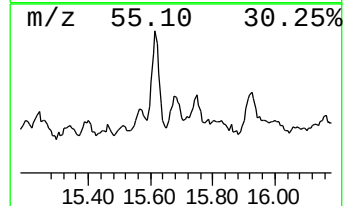
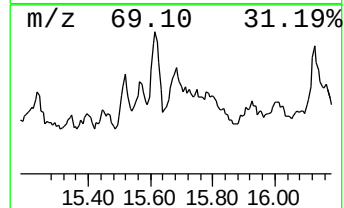
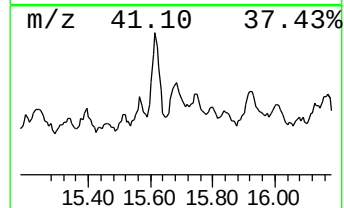
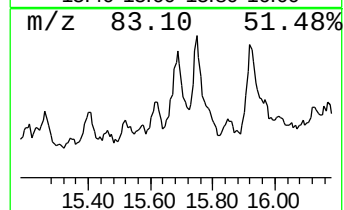
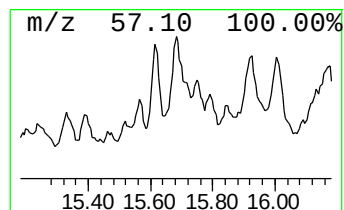
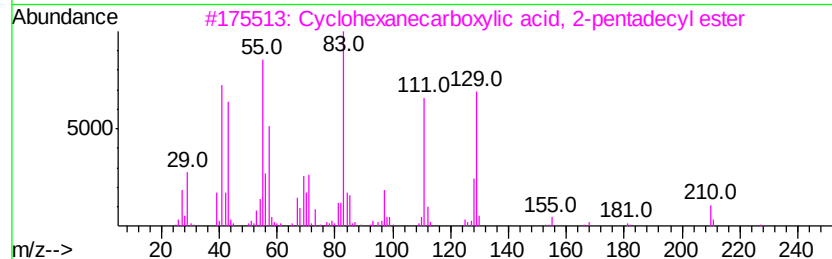
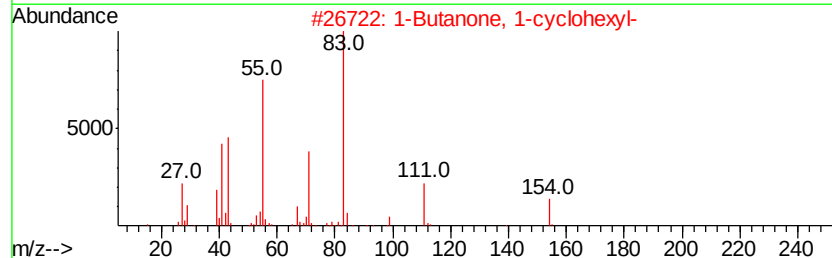
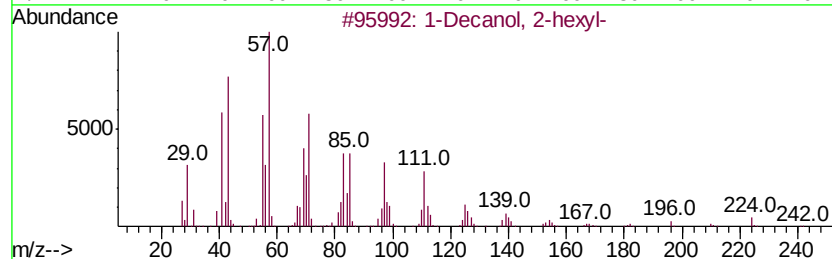
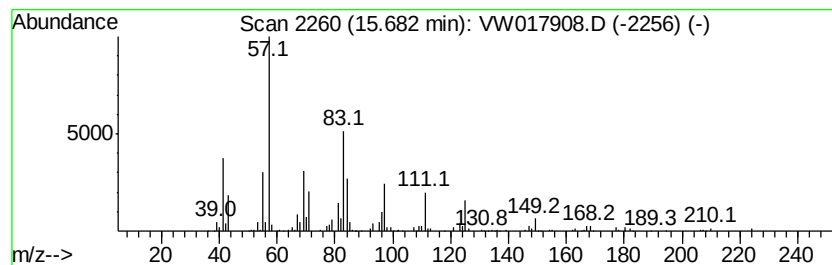
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis

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

 Peak Number 37 unknown-06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.94 ug/L	183962	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	40
2		1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	27
3		Cyclohexanecarboxylic acid, 2-pentadecyl ester	338	C22H42O2	1000280-59-9	25
4		(E)-2-Hexenyl triolate	182	C11H18O2	1000131-83-6	25
5		2,3,3-Trimethyl-1-hexene	126	C9H18	1000113-52-1	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

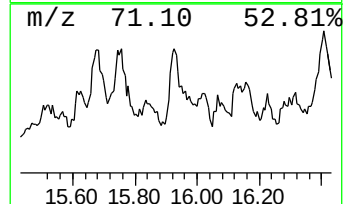
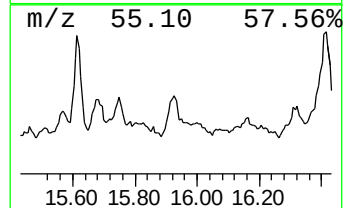
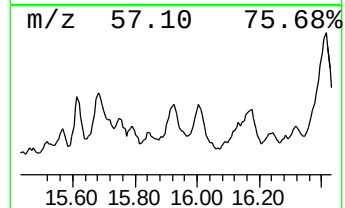
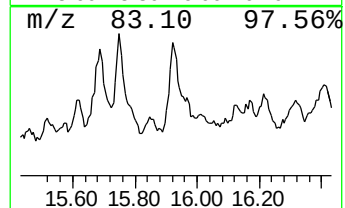
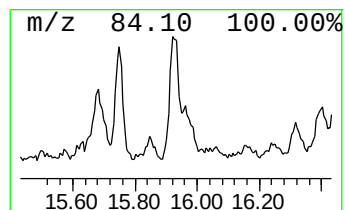
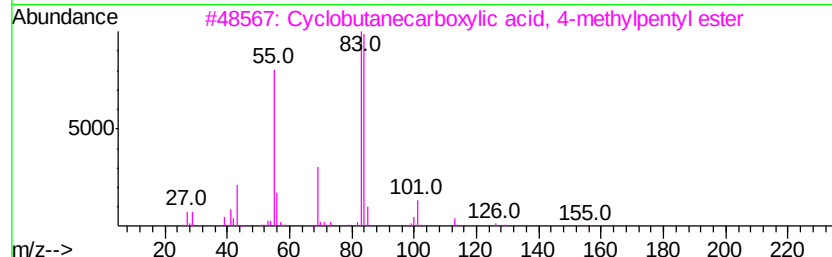
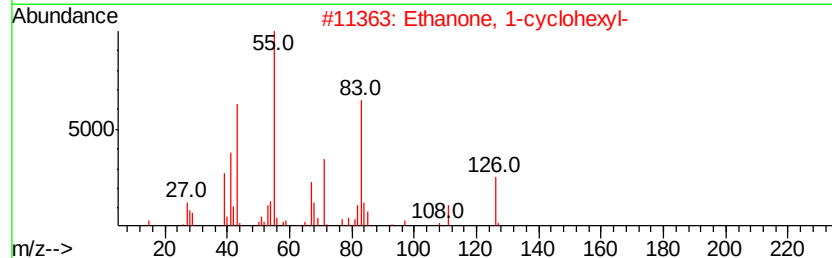
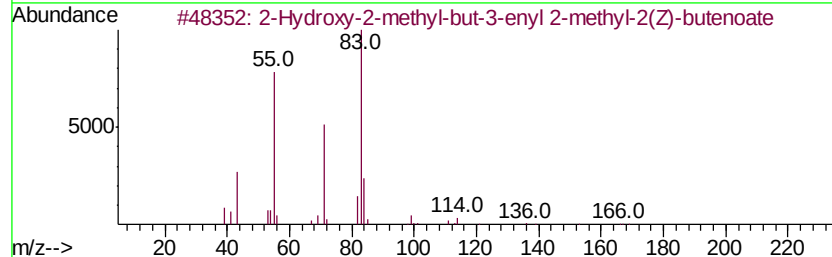
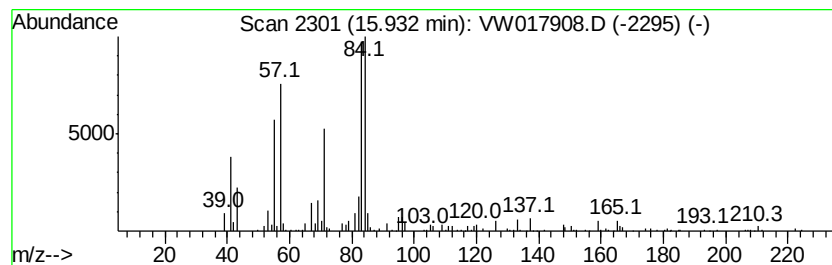
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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

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

Peak Number 38 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.77 ug/L	222473	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Hydroxy-2-methyl-but-3-enyl 2-...	184 C10H16O3	080758-67-4	43
2	Ethanone, 1-cyclohexyl-	126 C8H14O	000823-76-7	38
3	Cyclobutanecarboxylic acid, 4-me...	184 C11H20O2	1000282-21-8	38
4	Propanoic acid, 2,2-dimethyl-, c...	184 C11H20O2	029878-49-7	35
5	2-Butenal, 3-methyl-	84 C5H8O	000107-86-8	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

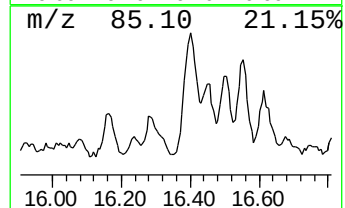
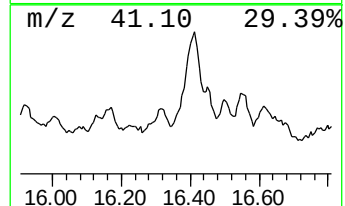
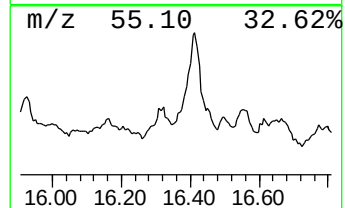
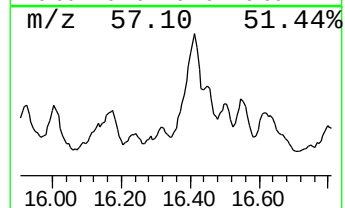
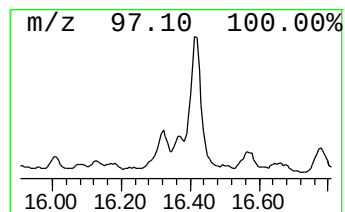
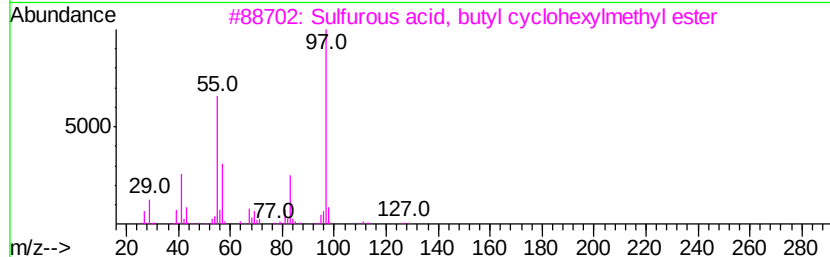
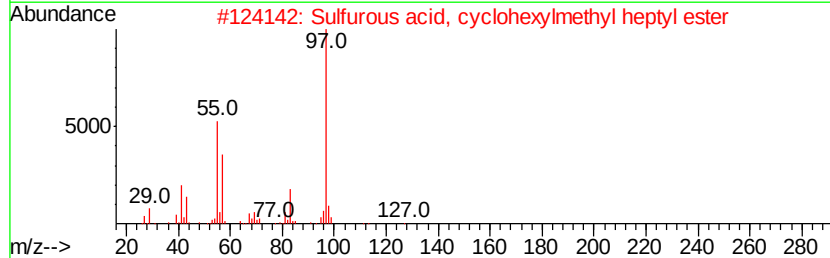
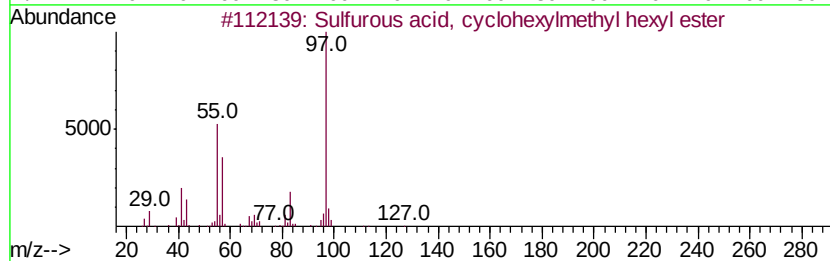
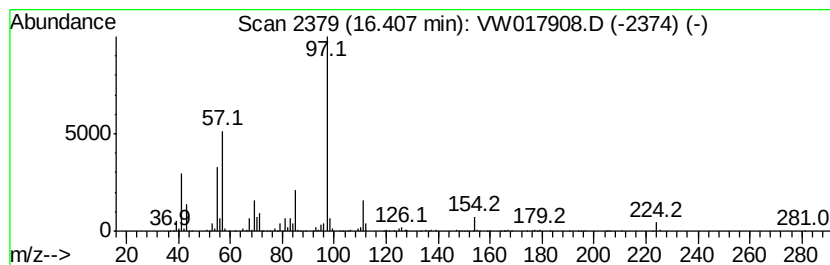
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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

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

Peak Number 39 Sulfurous acid, cyclohexylm... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.41	19.18 ug/L	894828	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	53
2		Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	53
3		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	53
4		2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	50
5		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017908.D
Acq On : 15 Jan 2021 19:19
Operator : SY/VA
Sample : M1099-19
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

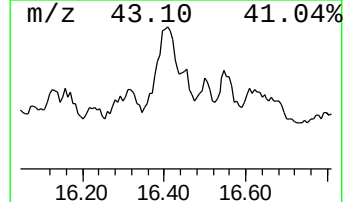
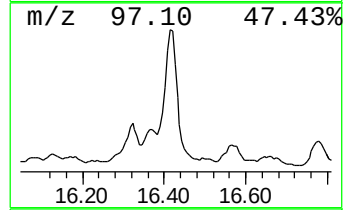
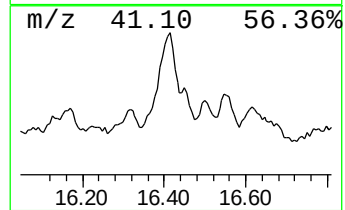
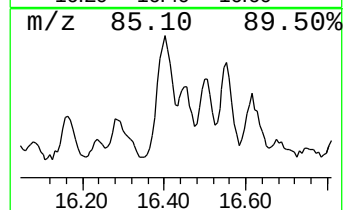
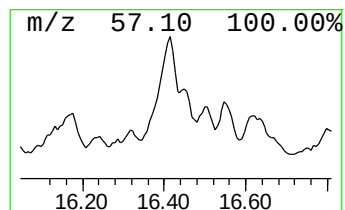
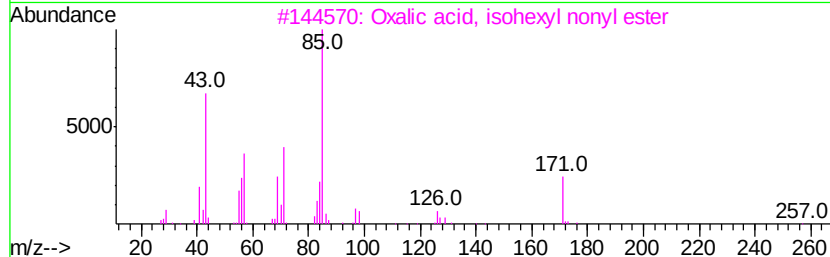
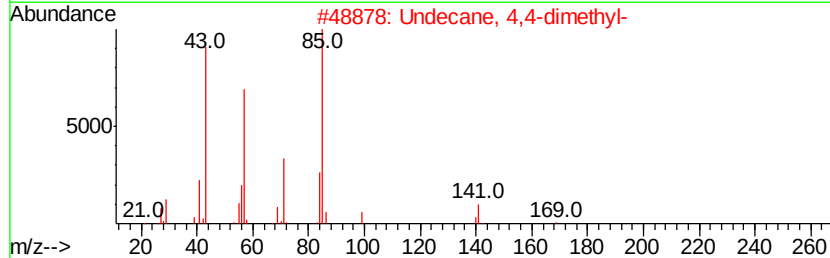
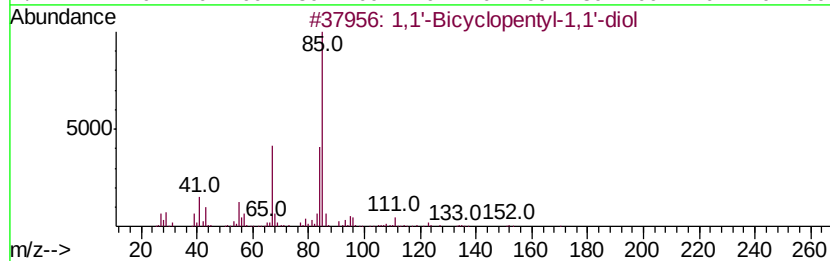
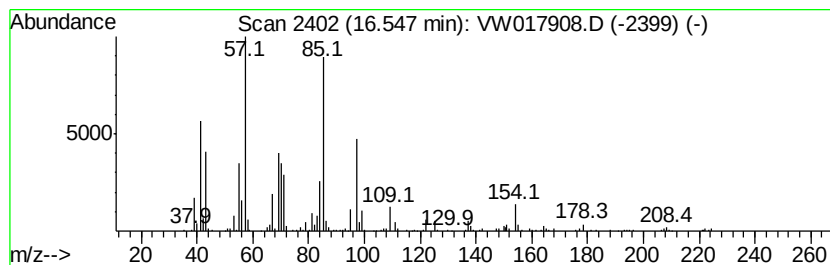
Instrument :
MSVOA_W
ClientSampleId :
F1C15

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

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

Peak Number 40 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.55	4.17 ug/L	194491	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclopentyl-1,1'-diol	170	C10H18O2	005181-75-9	38
2	Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	38
3	Oxalic acid, isohexyl nonyl ester	300	C17H32O4	1000309-33-2	38
4	Sulfurous acid, hexyl tetradecyl...	362	C20H42O3S	1000309-13-6	38
5	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	27



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
 Data File : VW017908.D
 Acq On : 15 Jan 2021 19:19
 Operator : SY/VA
 Sample : M1099-19
 Misc : 5.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C15

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.07	1.9	ug/L	57056	1	8.84	746141	25.0
(DEL) Alkane: Cyc...	9.90	2.2	ug/L	66677	1	8.84	746141	25.0
(DEL) Alkane: Str...	10.14	1.5	ug/L	44252	1	8.84	746141	25.0
(DEL) Alkane: Str...	10.25	2.5	ug/L	82063	2	11.63	812447	25.0
2(5H)-Furanone, 5...	10.84	4.7	ug/L	151262	2	11.63	812447	25.0
(DEL) Alkane: Str...	11.04	1.4	ug/L	46822	2	11.63	812447	25.0
(DEL) Alkane: Cyc...	11.11	1.9	ug/L	60630	2	11.63	812447	25.0
unknown-01	11.23	2.7	ug/L	87305	2	11.63	812447	25.0
(DEL) Alkane: Cyc...	11.27	2.7	ug/L	87986	2	11.63	812447	25.0
(DEL) Alkane: Str...	11.40	5.1	ug/L	165435	2	11.63	812447	25.0
(DEL) Alkane: Cyc...	11.87	1.6	ug/L	51094	2	11.63	812447	25.0
(DEL) Alkane: Cyc...	12.14	2.3	ug/L	73611	2	11.63	812447	25.0
(DEL) Alkane: Str...	12.37	2.2	ug/L	70710	2	11.63	812447	25.0
(DEL) Alkane: Str...	12.60	1.3	ug/L	62518	3	13.56	1166430	25.0
unknown-02	12.78	1.9	ug/L	90538	3	13.56	1166430	25.0
2-Aziridinone, 1-...	12.86	1.6	ug/L	75044	3	13.56	1166430	25.0
(DEL) Alkane: Cyc...	12.92	1.3	ug/L	58409	3	13.56	1166430	25.0
(DEL) Alkane: Str...	13.05	3.0	ug/L	138705	3	13.56	1166430	25.0
(DEL) Alkane: Str...	13.13	4.4	ug/L	206362	3	13.56	1166430	25.0
(DEL) Alkane: Str...	13.17	1.3	ug/L	62416	3	13.56	1166430	25.0
(DEL) Alkane: Str...	13.30	1.8	ug/L	82313	3	13.56	1166430	25.0
(DEL) Alkane: Str...	13.41	4.6	ug/L	212620	3	13.56	1166430	25.0
unknown-03	13.77	7.7	ug/L	358491	3	13.56	1166430	25.0
Heptyl isobutyl c...	13.91	17.1	ug/L	799190	3	13.56	1166430	25.0
Heptane, 1,1'-oxy...	13.97	3.5	ug/L	165711	3	13.56	1166430	25.0
unknown-04	14.07	2.6	ug/L	120978	3	13.56	1166430	25.0
2-Butenal, 2-ethyl-	14.16	11.4	ug/L	530073	3	13.56	1166430	25.0
Bicyclo[3.1.1]hep...	14.38	3.6	ug/L	167504	3	13.56	1166430	25.0
(DEL) Alkane: Str...	14.50	3.0	ug/L	138935	3	13.56	1166430	25.0
(DEL) Alkane: Str...	14.65	10.2	ug/L	473628	3	13.56	1166430	25.0
(DEL) Alkane: Str...	14.72	5.2	ug/L	240074	3	13.56	1166430	25.0
(DEL) Alkane: Str...	14.84	4.3	ug/L	200790	3	13.56	1166430	25.0
unknown-05	14.97	2.7	ug/L	127618	3	13.56	1166430	25.0
Sulfurous acid, c...	15.57	1.9	ug/L	86227	3	13.56	1166430	25.0
(DEL) Alkane: Cyc...	15.61	10.4	ug/L	487432	3	13.56	1166430	25.0
unknown-06	15.68	3.9	ug/L	183962	3	13.56	1166430	25.0
unknown-07	15.93	4.8	ug/L	222473	3	13.56	1166430	25.0
Sulfurous acid, c...	16.41	19.2	ug/L	894828	3	13.56	1166430	25.0
unknown-08	16.55	4.2	ug/L	194491	3	13.56	1166430	25.0