

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017911.D
 Acq On : 15 Jan 2021 20:30
 Operator : SY/VA
 Sample : M1099-21
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C17

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	1.947	5	7	22	rVB4	15847	37617	1.43%	0.153%
2	2.318	62	68	70	rVV	61597	101945	3.89%	0.415%
3	2.349	70	73	84	rVV	107584	191391	7.30%	0.779%
4	2.447	85	89	94	rVV	11225	19870	0.76%	0.081%
5	2.575	105	110	116	rVB4	6173	12864	0.49%	0.052%
6	2.885	154	161	174	rVB	85644	195034	7.44%	0.793%
7	4.019	333	347	358	rBV2	128102	388736	14.82%	1.581%
8	4.135	358	366	376	rBV	34655	94827	3.62%	0.386%
9	4.379	397	406	418	rVB2	9139	26895	1.03%	0.109%
10	4.922	484	495	510	rBV7	13768	66212	2.52%	0.269%
11	5.202	532	541	543	rBV4	4096	11076	0.42%	0.045%
12	5.946	656	663	672	rVB6	5769	16501	0.63%	0.067%
13	6.306	712	722	729	rBV6	3716	11975	0.46%	0.049%
14	7.086	840	850	859	rBV	36858	115485	4.40%	0.470%
15	7.171	859	864	876	rVB3	17439	52165	1.99%	0.212%
16	7.647	931	942	957	rBV	199086	489251	18.65%	1.990%
17	7.921	980	987	991	rBV4	4785	11727	0.45%	0.048%
18	8.159	1018	1026	1033	rBV3	5840	14587	0.56%	0.059%
19	8.275	1033	1045	1062	rBV2	365842	1175888	44.84%	4.784%
20	8.695	1106	1114	1126	rVB3	7671	19091	0.73%	0.078%
21	8.842	1129	1138	1150	rBV	364969	747043	28.48%	3.039%
22	9.086	1167	1178	1186	rBV5	30983	88089	3.36%	0.358%
23	9.275	1201	1209	1216	rBV	254045	535251	20.41%	2.178%
24	9.384	1224	1227	1233	rVB4	7806	12087	0.46%	0.049%
25	9.525	1244	1250	1257	rBV2	19285	39205	1.49%	0.159%
26	9.677	1269	1275	1282	rBV4	6648	14064	0.54%	0.057%
27	9.756	1282	1288	1294	rVB4	13065	25837	0.99%	0.105%
28	9.896	1302	1311	1316	rBV2	41385	81460	3.11%	0.331%
29	9.957	1316	1321	1324	rBV3	16105	27131	1.03%	0.110%
30	10.037	1329	1334	1339	rBV	93780	154982	5.91%	0.630%
31	10.098	1340	1344	1348	rVB2	14029	19943	0.76%	0.081%
32	10.140	1348	1351	1358	rVB3	24059	45405	1.73%	0.185%
33	10.250	1359	1369	1375	rBV2	54387	103660	3.95%	0.422%
34	10.323	1375	1381	1388	rBV	455799	804680	30.68%	3.274%

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Integration Parameters: LSCINT.P

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

35	10.390	1388	1392	1397	rVB	22880	40314	1.54%	0.164%
36	10.506	1397	1411	1418	rBV5	31388	77847	2.97%	0.317%
37	10.579	1418	1423	1433	rVB	68275	128886	4.91%	0.524%
38	10.665	1433	1437	1445	rBV5	11880	25197	0.96%	0.103%
39	10.762	1445	1453	1457	rBV8	10949	23102	0.88%	0.094%
40	10.847	1457	1467	1475	rBV3	141323	392710	14.97%	1.598%
41	10.927	1475	1480	1486	rBV2	141654	269284	10.27%	1.096%
42	11.030	1494	1497	1501	rBV4	17697	24706	0.94%	0.101%
43	11.110	1506	1510	1515	rBV3	54012	100918	3.85%	0.411%
44	11.183	1518	1522	1524	rVV3	30897	50347	1.92%	0.205%
45	11.219	1525	1528	1533	rVV3	65171	131309	5.01%	0.534%
46	11.274	1533	1537	1545	rVV2	89854	218977	8.35%	0.891%
47	11.341	1545	1548	1551	rVV4	35777	65643	2.50%	0.267%
48	11.402	1551	1558	1564	rVV3	159939	388874	14.83%	1.582%
49	11.457	1564	1567	1572	rVB3	52347	89718	3.42%	0.365%
50	11.518	1572	1577	1584	rBV3	42610	83394	3.18%	0.339%
51	11.658	1590	1600	1621	rVB2	1076813	2622699	100.00%	10.670%
52	11.835	1621	1629	1633	rBV3	41110	99843	3.81%	0.406%
53	11.878	1633	1636	1640	rVV	32088	44656	1.70%	0.182%
54	11.920	1640	1643	1648	rVB3	24509	37573	1.43%	0.153%
55	11.975	1648	1652	1655	rBV3	28049	47238	1.80%	0.192%
56	12.012	1655	1658	1663	rVB2	25671	39687	1.51%	0.161%
57	12.067	1663	1667	1670	rBV5	8851	14236	0.54%	0.058%
58	12.116	1670	1675	1676	rBV3	28684	43107	1.64%	0.175%
59	12.170	1680	1684	1688	rVB	47653	74162	2.83%	0.302%
60	12.256	1694	1698	1701	rBV	18242	26563	1.01%	0.108%
61	12.335	1705	1711	1713	rBV5	31573	65887	2.51%	0.268%
62	12.372	1713	1717	1722	rVB4	48796	95601	3.65%	0.389%
63	12.463	1726	1732	1737	rBV	178773	314520	11.99%	1.280%
64	12.609	1752	1756	1759	rVB4	21691	34081	1.30%	0.139%
65	12.652	1759	1763	1765	rBV3	26482	35160	1.34%	0.143%
66	12.695	1765	1770	1776	rVB	205002	355938	13.57%	1.448%
67	12.750	1776	1779	1780	rBV3	9377	10749	0.41%	0.044%
68	12.786	1781	1785	1790	rVB6	19479	37716	1.44%	0.153%
69	12.865	1793	1798	1801	rBV4	40243	61781	2.36%	0.251%
70	12.939	1801	1810	1816	rBV8	62430	209008	7.97%	0.850%
71	13.060	1825	1830	1836	rBV3	40491	99753	3.80%	0.406%

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Integration Parameters: LSCINT.P

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72	13.128	1836	1841	1844	rBV3	103606	181466	6.92%	0.738%
73	13.170	1844	1848	1859	rVV6	127980	397711	15.16%	1.618%
74	13.262	1860	1863	1866	rVV5	76793	120338	4.59%	0.490%
75	13.298	1866	1869	1873	rVB2	58600	88332	3.37%	0.359%
76	13.378	1879	1882	1883	rBV3	22620	24947	0.95%	0.101%
77	13.408	1884	1887	1890	rVV	49914	71891	2.74%	0.292%
78	13.481	1890	1899	1907	rVV6	252704	822459	31.36%	3.346%
79	13.579	1907	1915	1928	rVB5	449663	1370089	52.24%	5.574%
80	13.768	1938	1946	1950	rBV2	293204	562793	21.46%	2.290%
81	13.810	1950	1953	1955	rVV2	209260	320038	12.20%	1.302%
82	13.853	1956	1960	1963	rVV	270701	606173	23.11%	2.466%
83	13.908	1964	1969	1976	rVV	805433	1513023	57.69%	6.155%
84	13.975	1976	1980	1983	rVV2	183810	332217	12.67%	1.352%
85	14.005	1983	1985	1991	rVV3	196352	312730	11.92%	1.272%
86	14.066	1991	1995	1999	rVV2	106080	167683	6.39%	0.682%
87	14.121	1999	2004	2007	rVV2	300538	515727	19.66%	2.098%
88	14.158	2007	2010	2014	rVV	457593	693068	26.43%	2.820%
89	14.225	2018	2021	2025	rVB2	126765	177221	6.76%	0.721%
90	14.341	2031	2040	2044	rBV2	342899	800902	30.54%	3.258%
91	14.396	2044	2049	2052	rVV4	268489	541065	20.63%	2.201%
92	14.426	2052	2054	2062	rVB3	277522	553924	21.12%	2.253%
93	14.493	2062	2065	2070	rBV4	66450	85608	3.26%	0.348%
94	14.646	2084	2090	2097	rVB2	364471	627355	23.92%	2.552%
95	14.725	2098	2103	2109	rBV3	145483	276939	10.56%	1.127%
96	14.835	2118	2121	2130	rVB	130838	274751	10.48%	1.118%
97	14.969	2139	2143	2146	rBV3	84712	129385	4.93%	0.526%
98	15.322	2197	2201	2208	rBV2	96718	161332	6.15%	0.656%
99	15.560	2235	2240	2245	rBV4	118962	227103	8.66%	0.924%
100	15.621	2245	2250	2256	rBV2	188765	391393	14.92%	1.592%

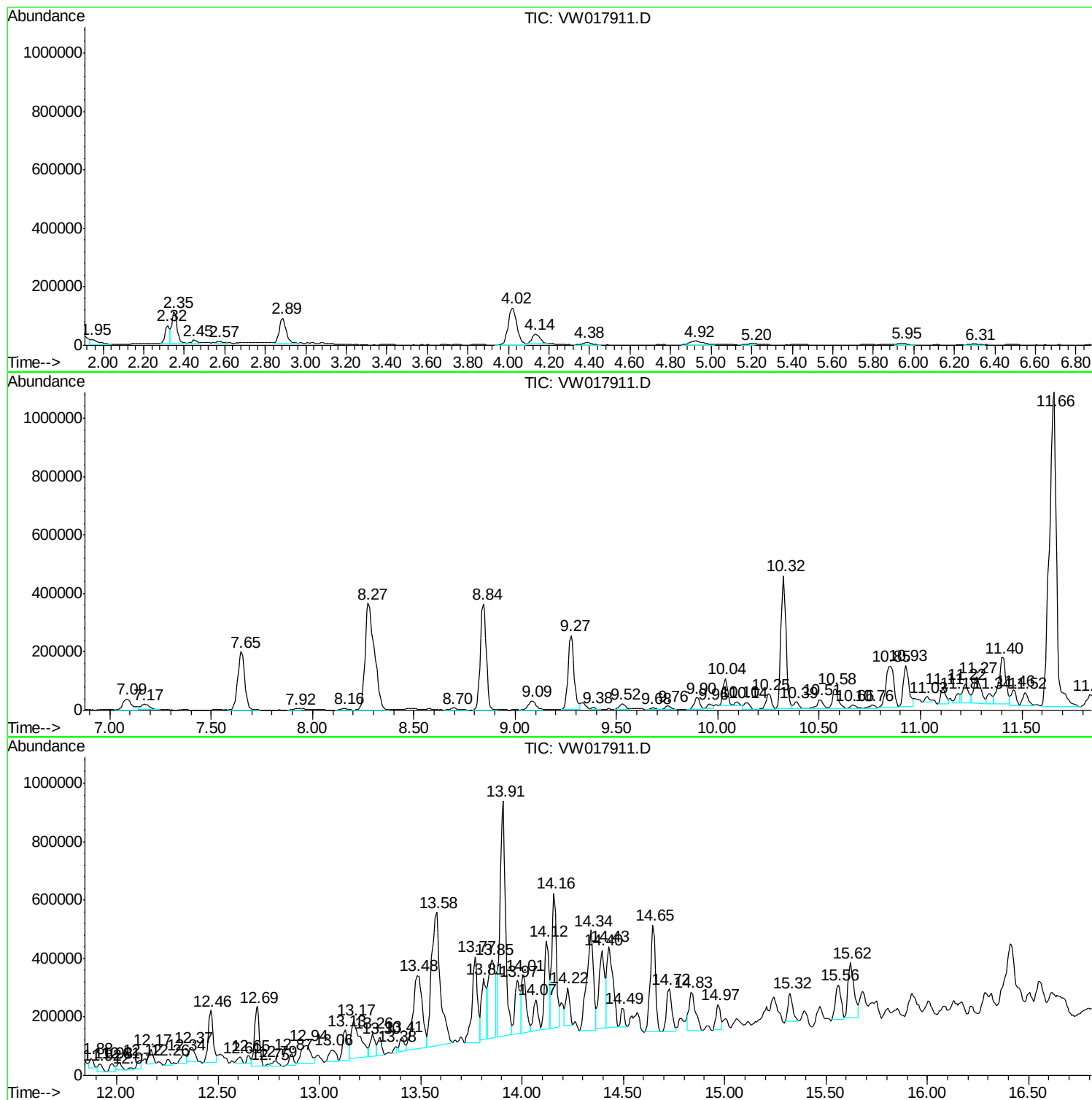
Sum of corrected areas: 24580821

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F1C17

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 :
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ClientSampleId :
F1C17

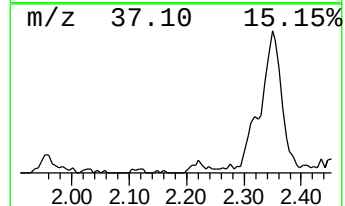
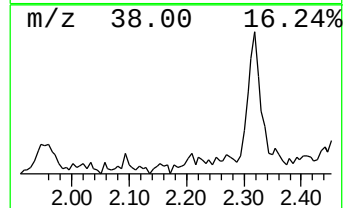
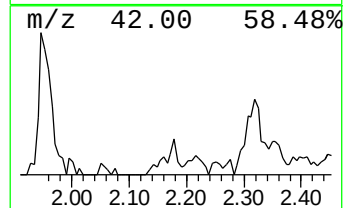
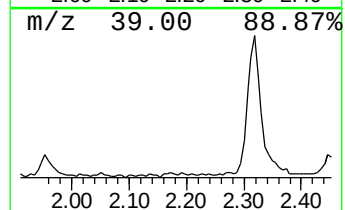
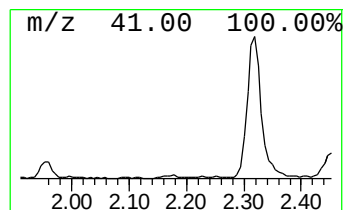
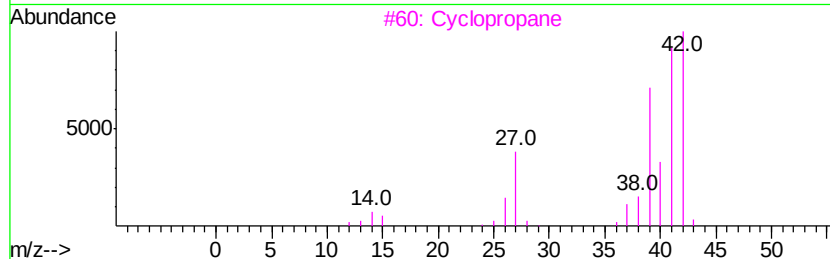
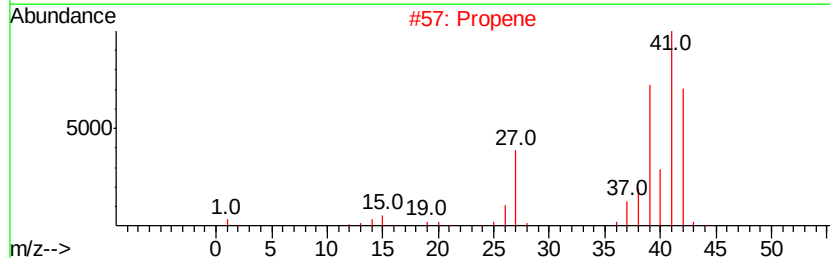
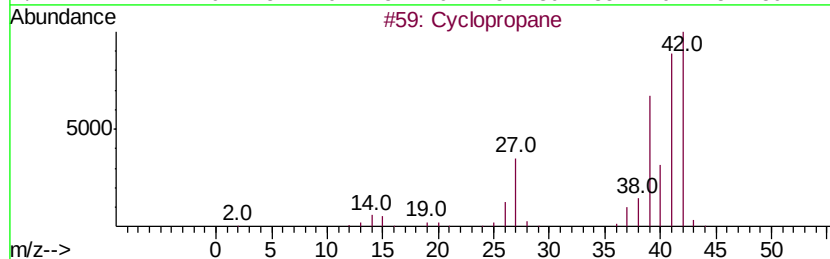
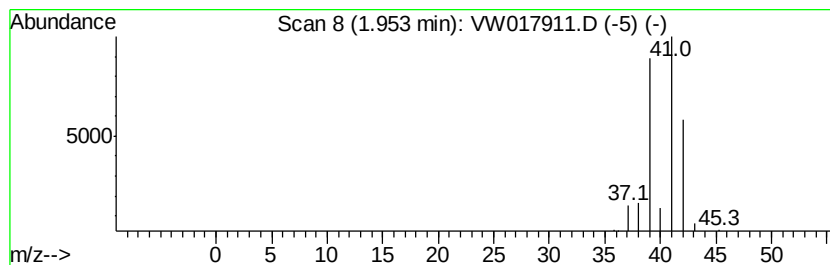
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Cyclic1.95 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	1.26 ug/L	37617	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane	42	C3H6	000075-19-4	72
2			Propene	42	C3H6	000115-07-1	64
3			Cyclopropane	42	C3H6	000075-19-4	10
4			Propene	42	C3H6	000115-07-1	9
5			Cyclopropane	42	C3H6	000075-19-4	4



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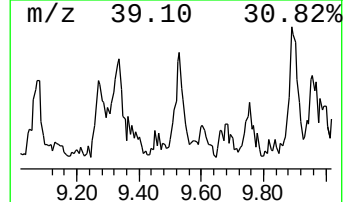
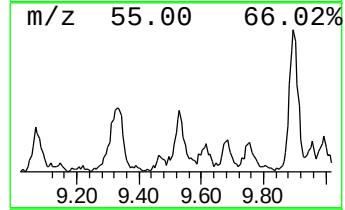
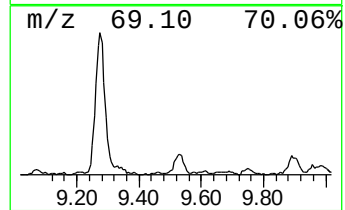
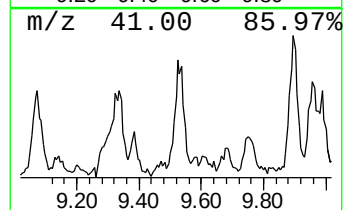
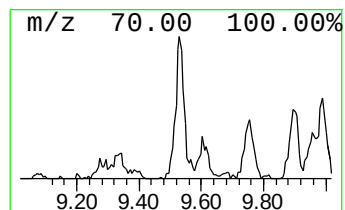
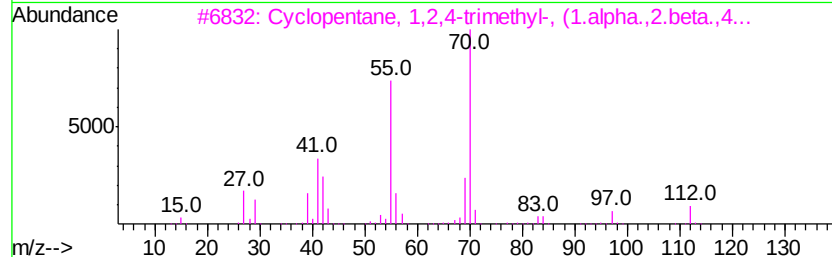
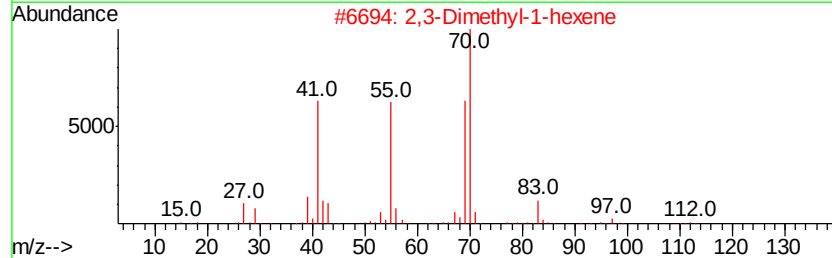
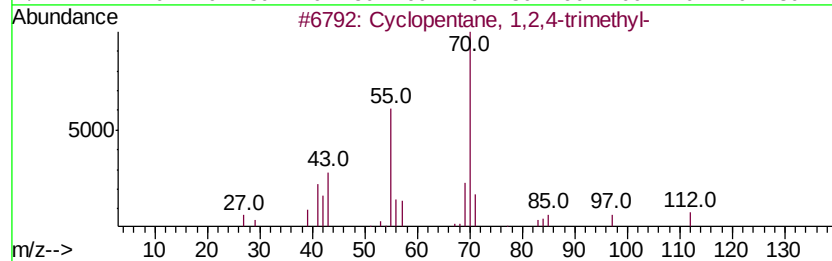
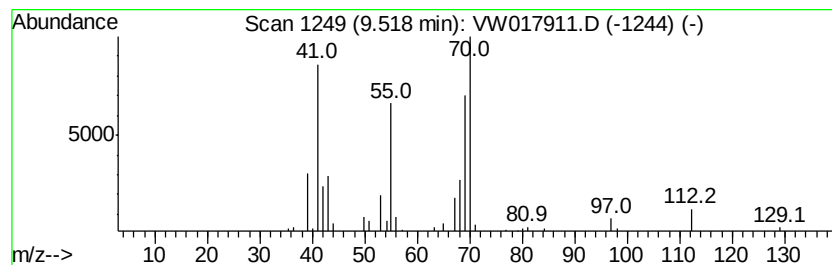
Instrument :
MSVOA_W
ClientSampled :
F1C17

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 2 (DEL) Alkane: Cyclic9.52 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	1.31 ug/L	39205	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,2,4-trimethyl-	112 C8H16	002815-58-9 64
2		2,3-Dimethyl-1-hexene	112 C8H16	016746-86-4 64
3		Cyclopentane, 1,2,4-trimethyl-, ...	112 C8H16	016883-48-0 64
4		Cyclopentane, 1,2,4-trimethyl-	112 C8H16	002815-58-9 64
5		2,3-Dimethyl-1-hexene	112 C8H16	016746-86-4 59



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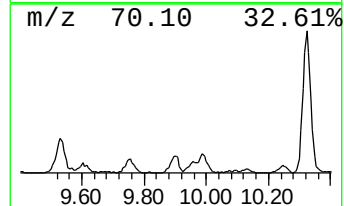
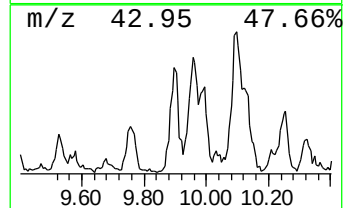
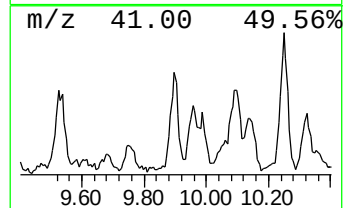
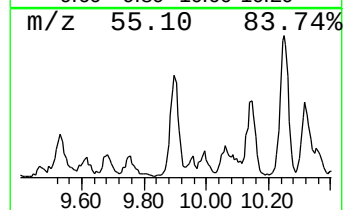
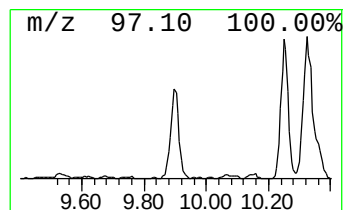
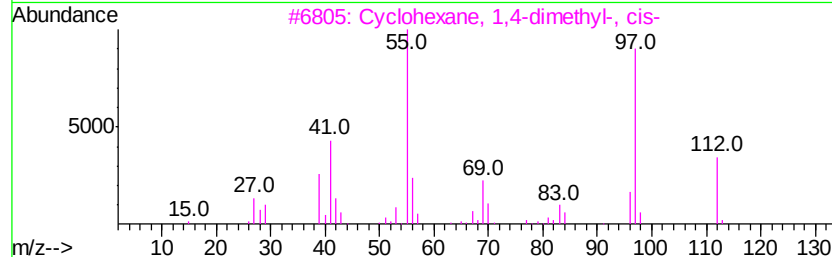
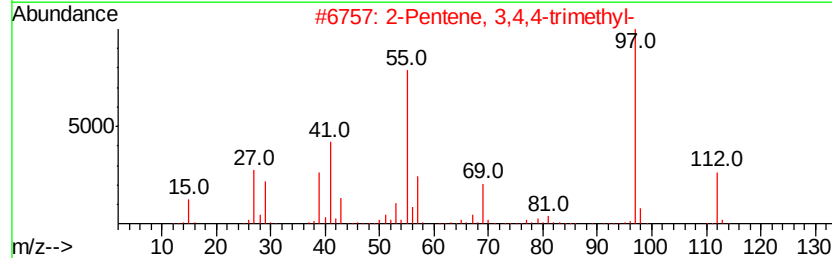
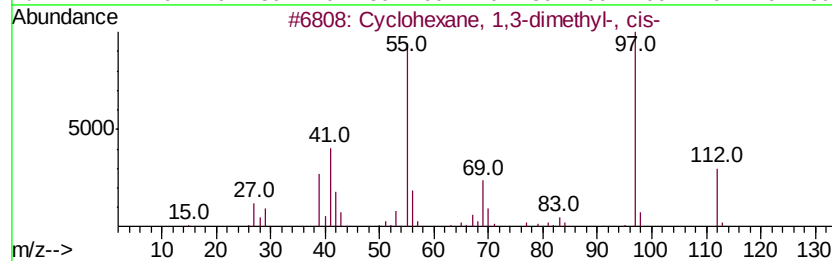
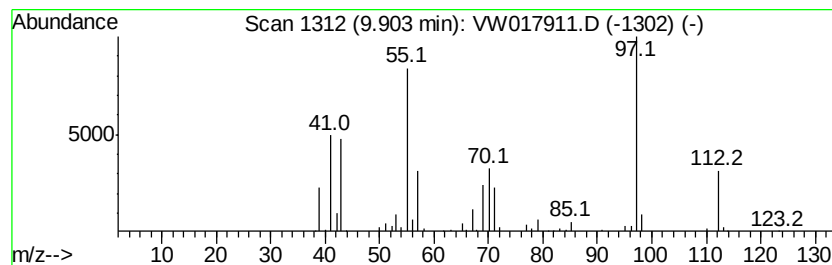
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic9.90 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.73 ug/L	81460	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
2		2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	62
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
4		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
5		2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

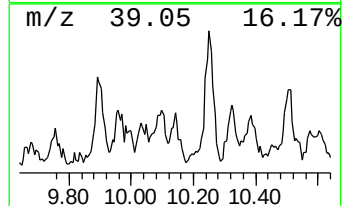
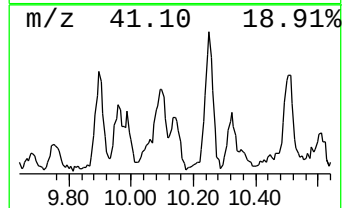
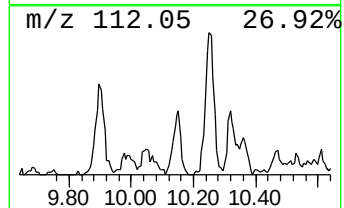
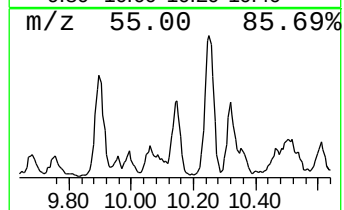
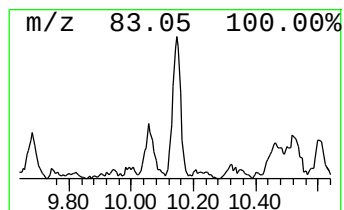
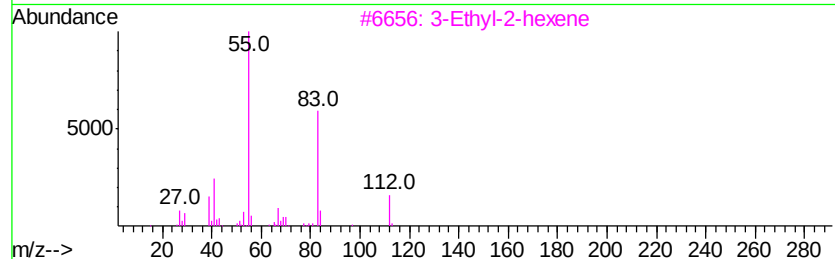
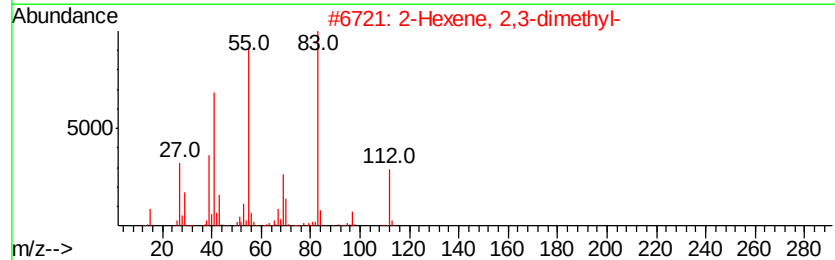
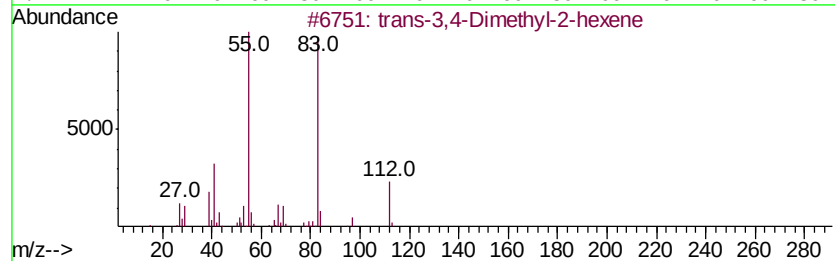
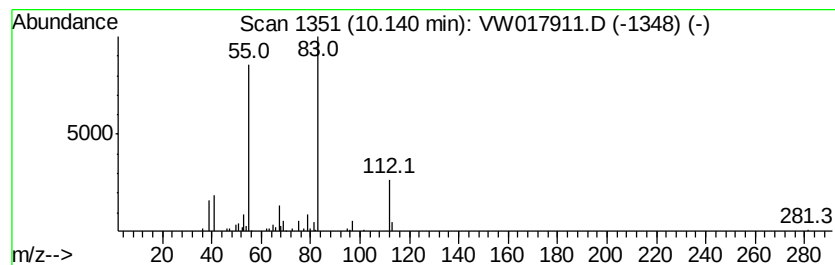
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	1.52 ug/L	45405	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	87
2		2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	86
3		3-Ethyl-2-hexene	112	C8H16	000620-00-8	78
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5		4-Ethyl-2-hexene	112	C8H16	019780-46-2	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

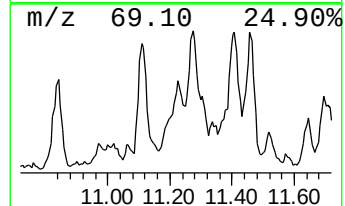
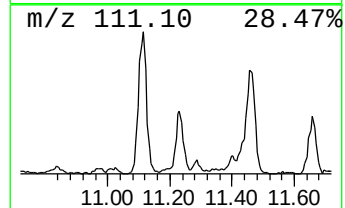
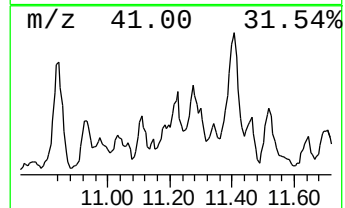
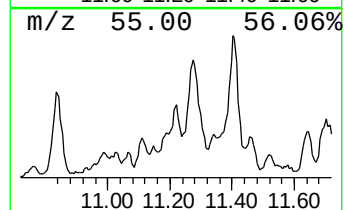
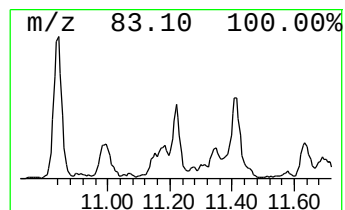
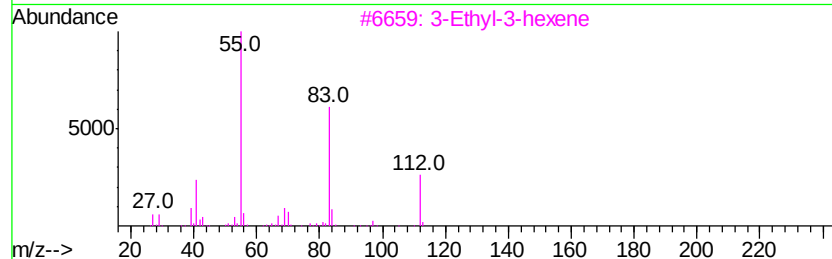
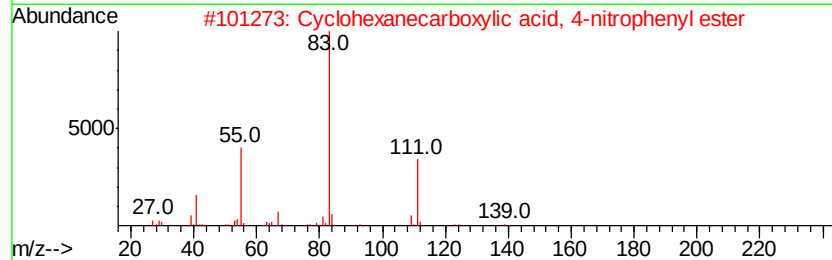
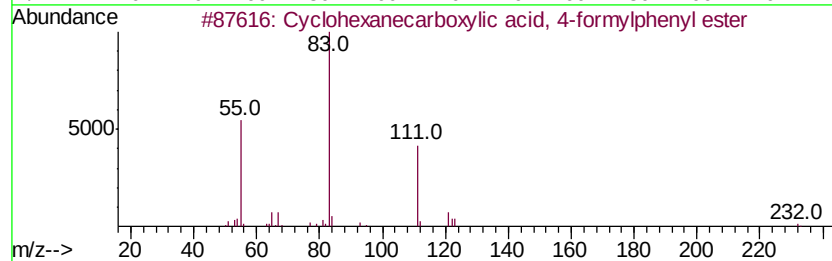
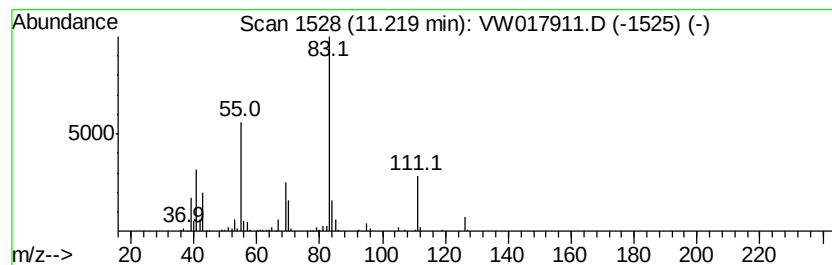
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 6 Cyclohexanecarboxylic acid,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.22	1.25 ug/L	131309	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanecarboxylic acid, 4-formylphenyl ester	232	C14H16O3	146606-04-4	59
2		Cyclohexanecarboxylic acid, 4-nitrophenyl ester	249	C13H15NO4	1000307-70-8	59
3		3-Ethyl-3-hexene	112	C8H16	016789-51-8	53
4		Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	50
5		3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017911.D
 Acq On : 15 Jan 2021 20:30
 Operator : SY/VA
 Sample : M1099-21
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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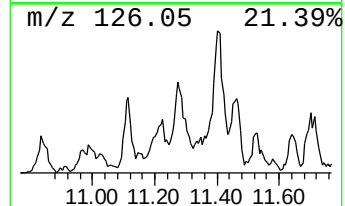
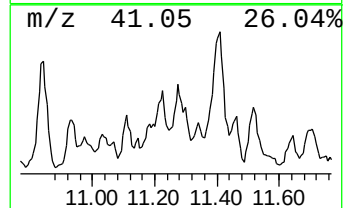
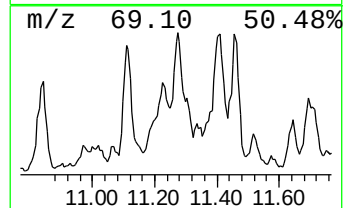
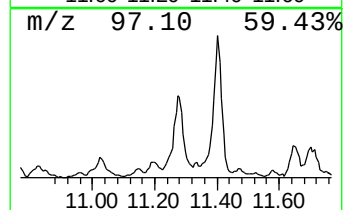
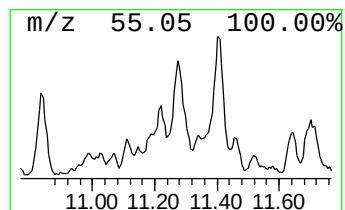
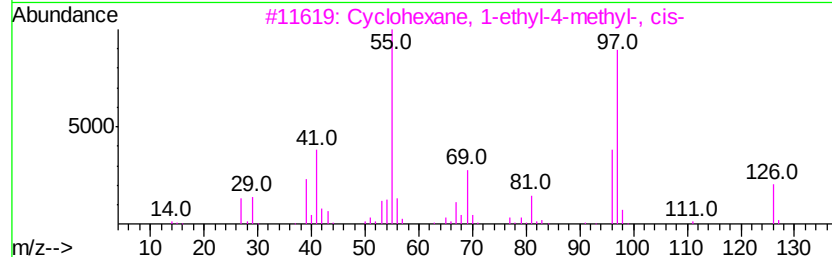
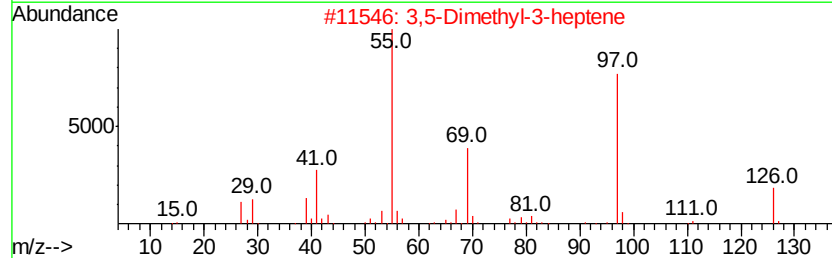
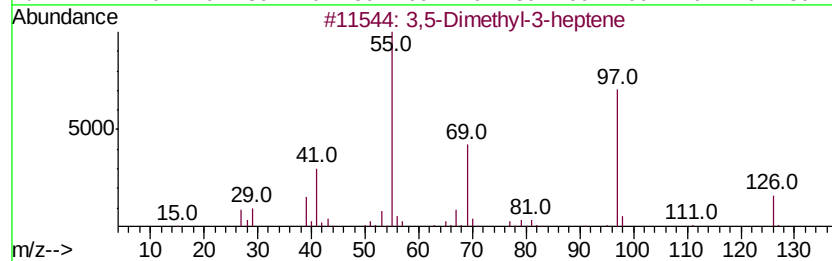
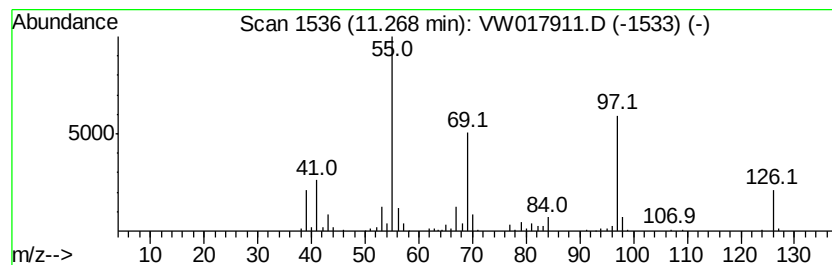
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 Quant Title : VOC Analysis

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

 Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.09 ug/L	218977	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	81
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
5		3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

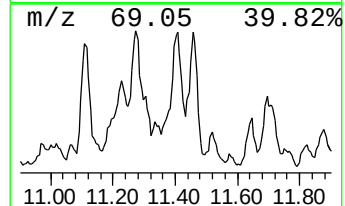
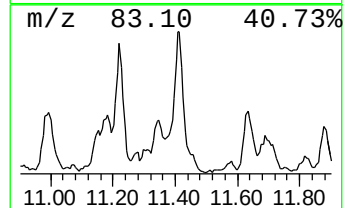
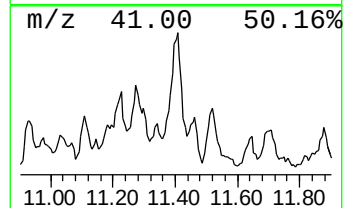
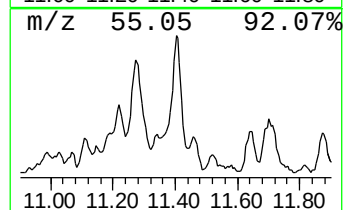
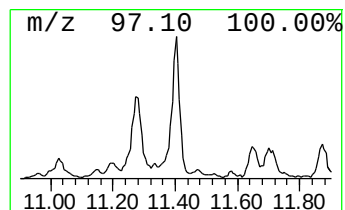
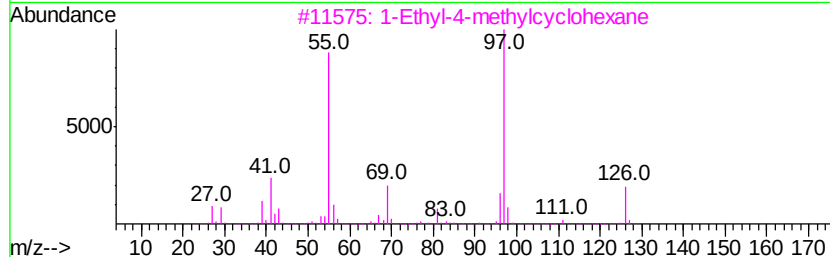
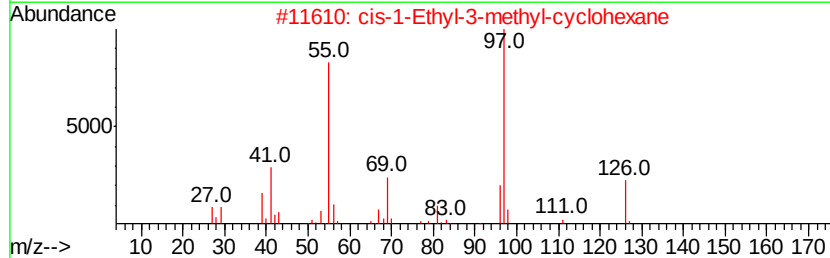
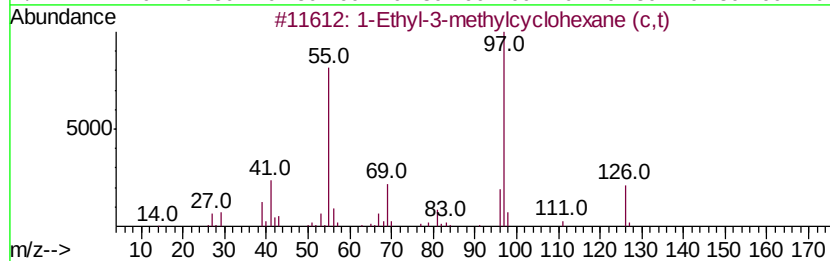
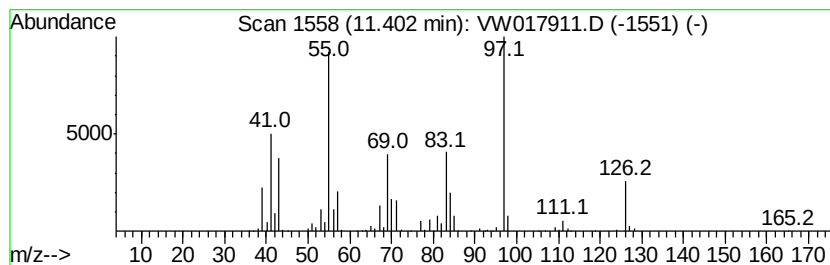
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic11.40 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.40	3.71 ug/L	388874	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	60
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	60
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
4		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

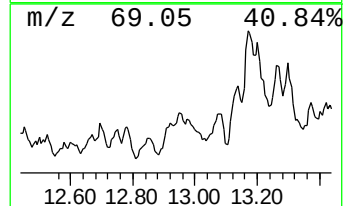
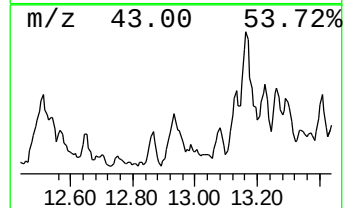
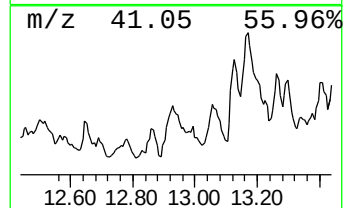
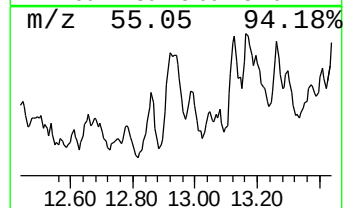
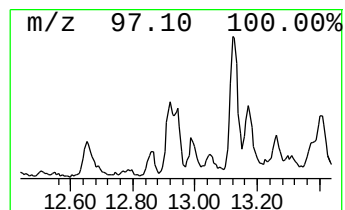
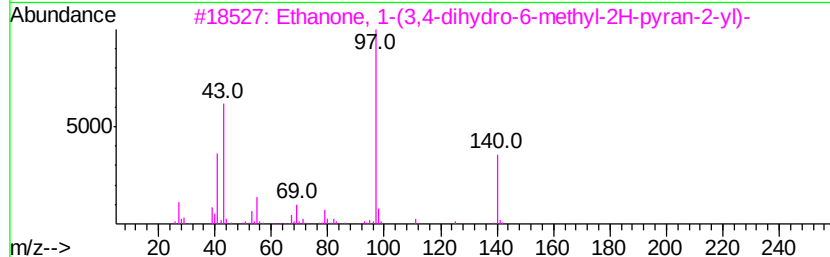
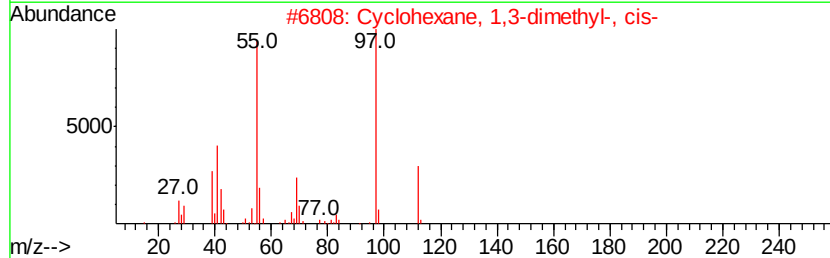
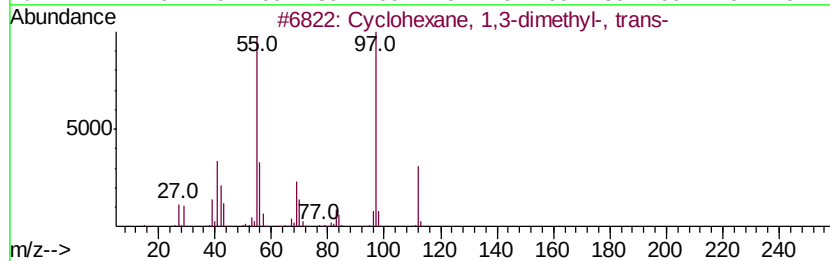
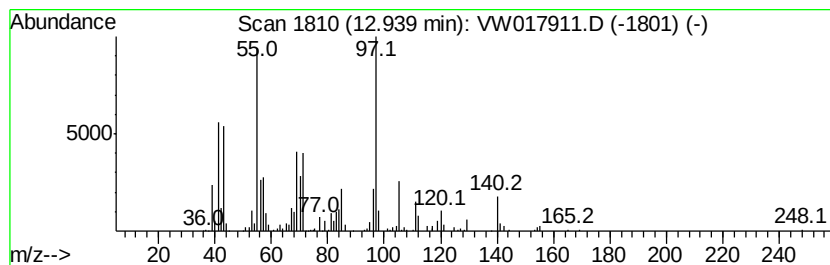
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic12.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.94	3.81 ug/L	209008	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
3	Ethanone, 1-(3,4-dihydro-6-methyl...	140	C8H12O2	028450-02-4	38
4	cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	38
5	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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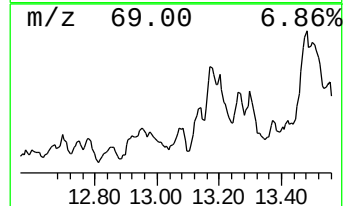
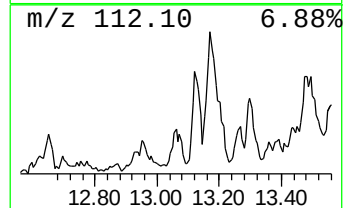
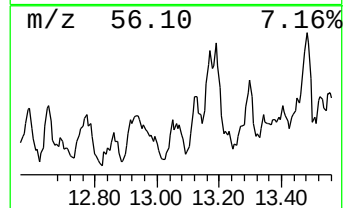
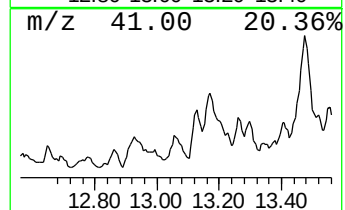
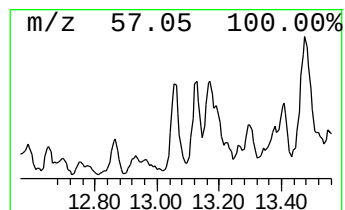
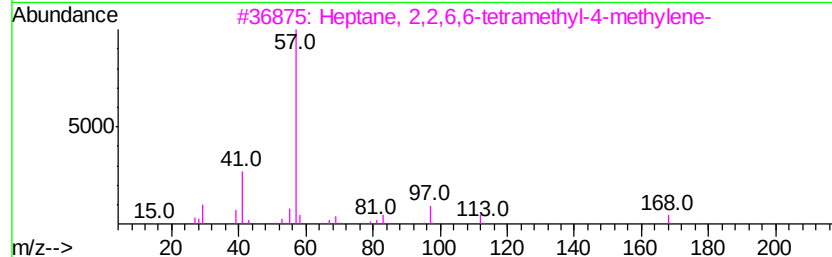
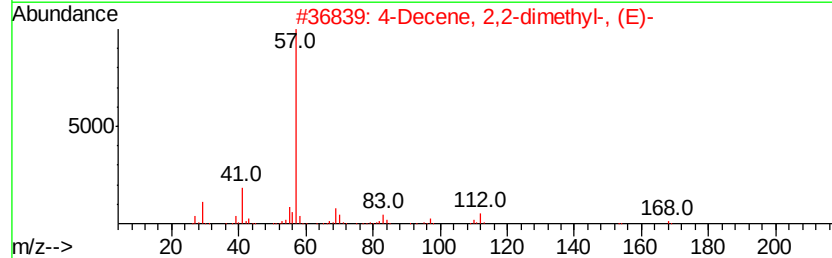
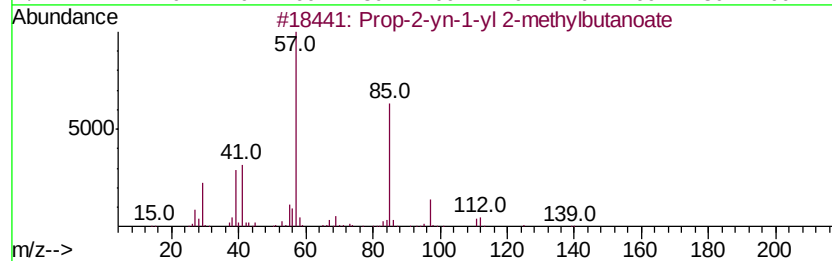
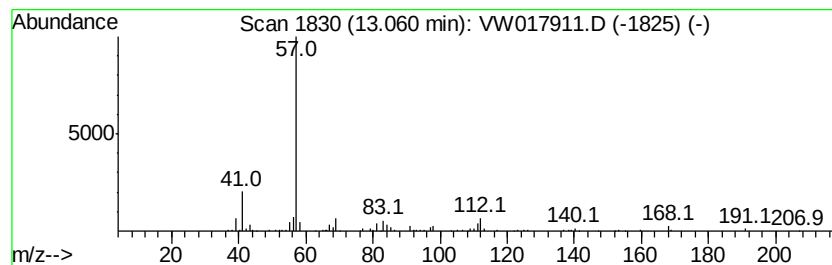
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Quant Title : VOC Analysis

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

Peak Number 10 Prop-2-yn-1-yl 2-methylbuta... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	1.82 ug/L	99753	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Prop-2-yn-1-yl 2-methylbutanoate	140	C8H12O2	1000372-70-8	53
2			4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	50
3			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	47
4			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	38
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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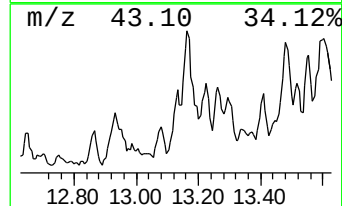
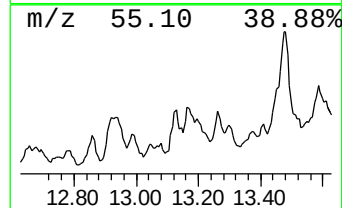
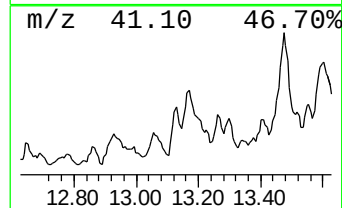
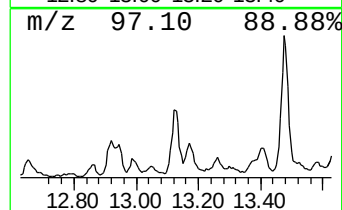
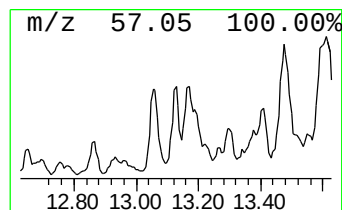
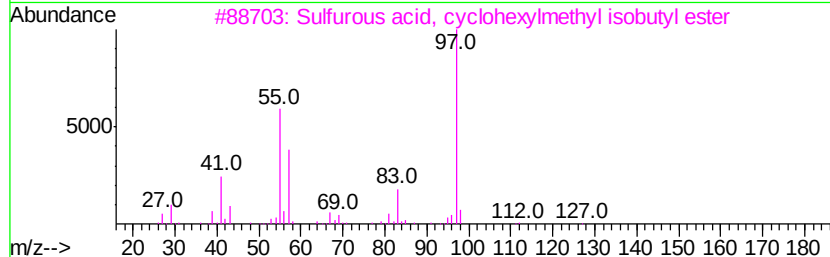
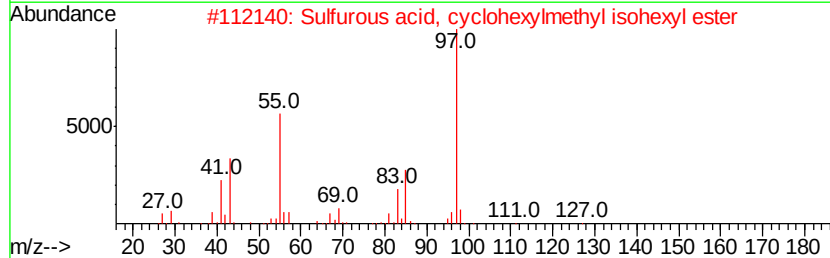
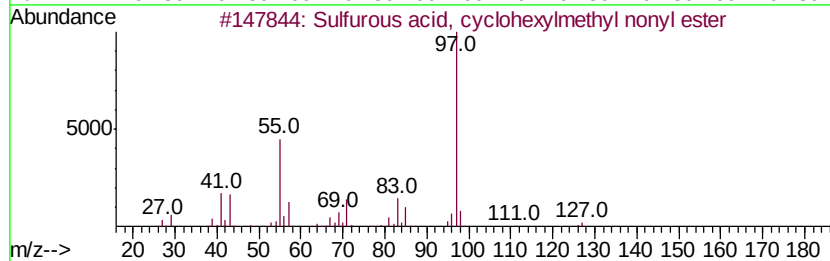
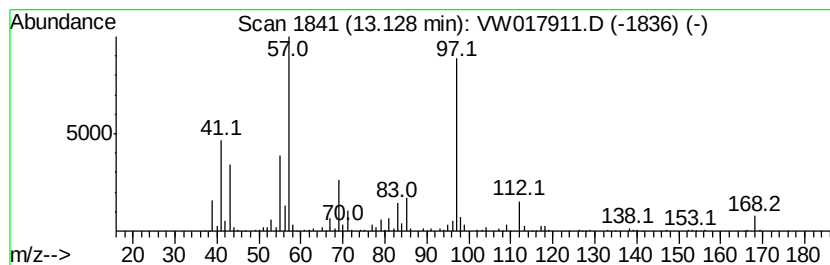
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Quant Title : VOC Analysis

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

Peak Number 11 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.31 ug/L	181466	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethvl...	304	C16H32O3S	1000309-21-8	59
2		Sulfurous acid, cyclohexylmethvl...	262	C13H26O3S	1000309-21-5	59
3		Sulfurous acid, cyclohexylmethvl...	234	C11H22O3S	1000309-21-3	53
4		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
5		Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

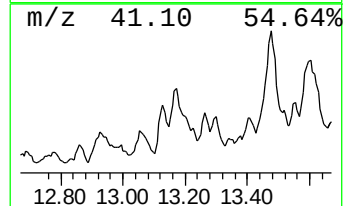
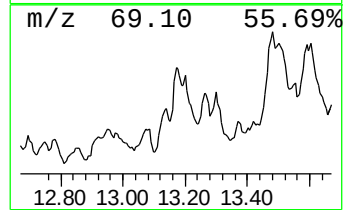
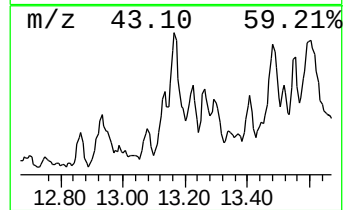
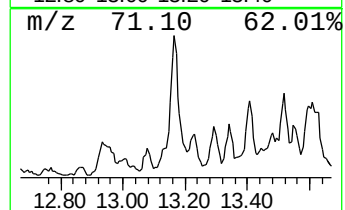
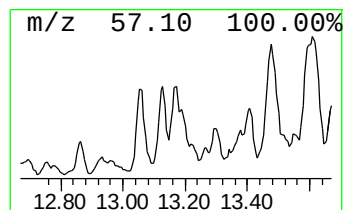
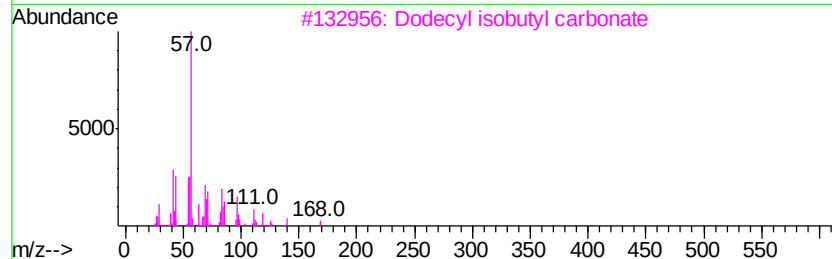
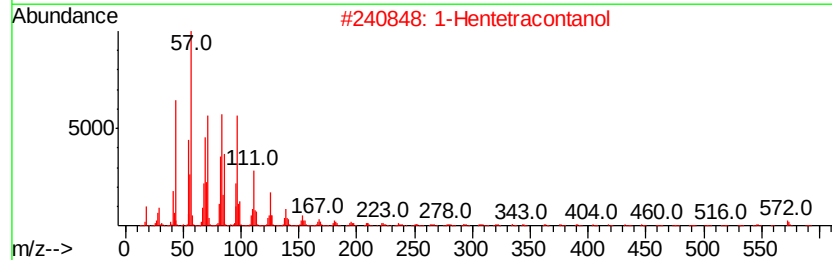
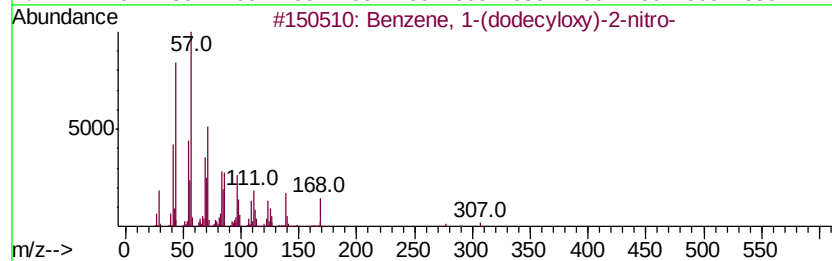
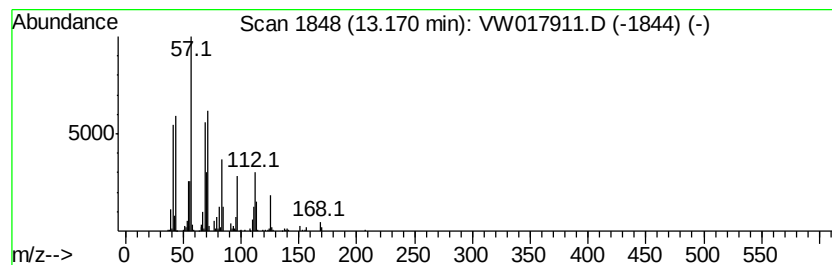
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-(dodecyloxy)-2-n... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.17	7.26 ug/L	397711	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-(dodecyloxy)-2-nitro-	307	C18H29NO3	083027-71-8	64
2		1-Hentetracontanol	593	C41H84O	040710-42-7	53
3		Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	50
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	50
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

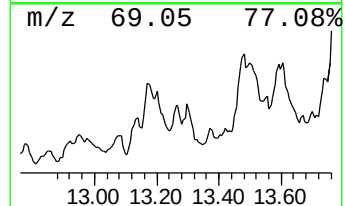
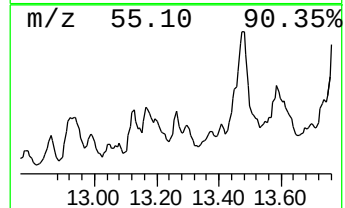
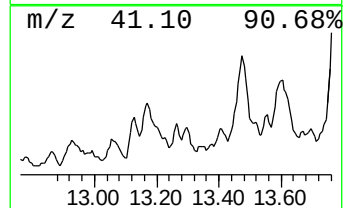
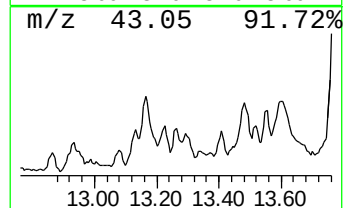
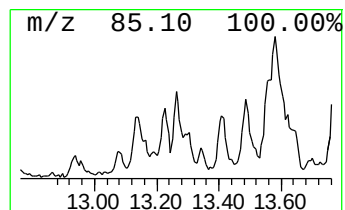
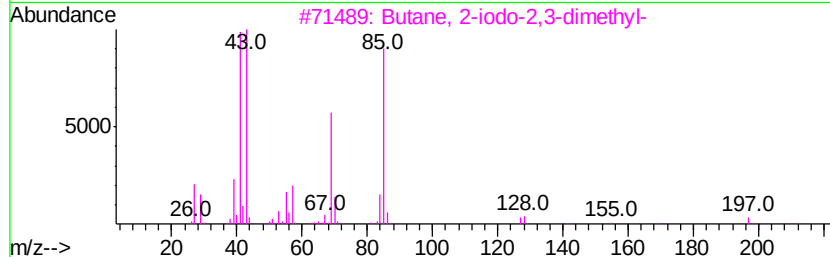
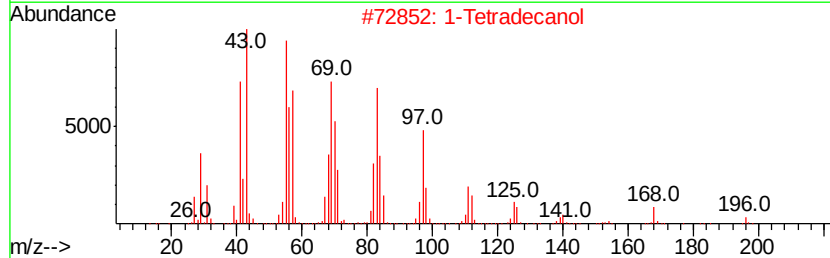
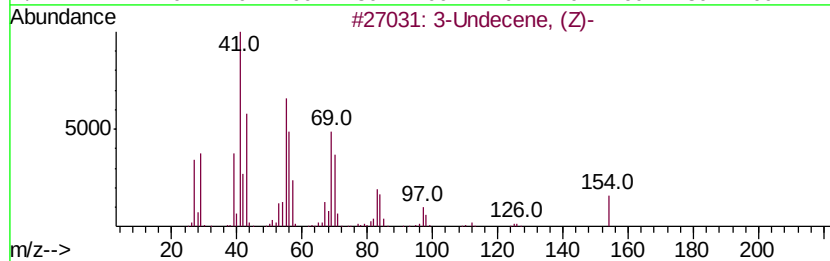
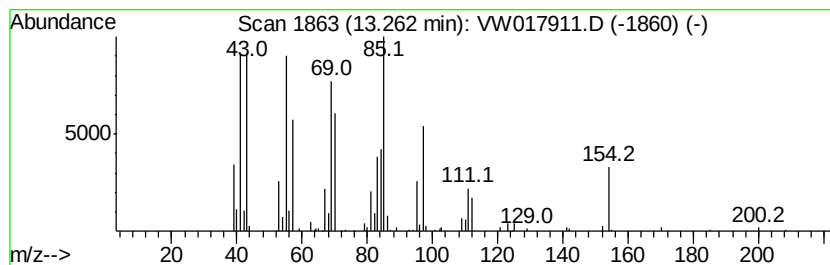
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.20 ug/L	120338	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Undecene, (Z)-	154	C11H22	000821-97-6 53
2	1-Tetradecanol	214	C14H30O	000112-72-1 50
3	Butane, 2-iodo-2,3-dimethyl-	212	C6H13I	000594-59-2 38
4	3-Ethyl-6-trifluoroacetoxvoctane	254	C12H21F3O2	1000215-97-3 35
5	Dichloroacetic acid, 6-ethyl-3-o...	268	C12H22Cl2O2	1000282-56-6 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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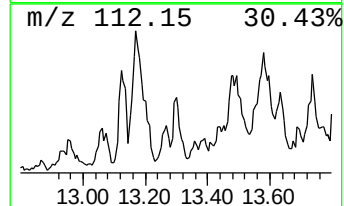
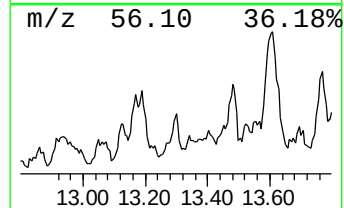
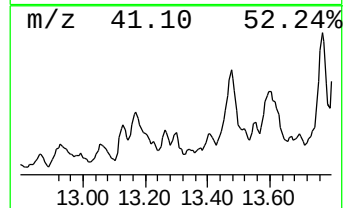
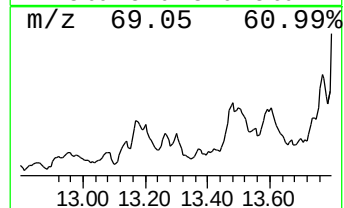
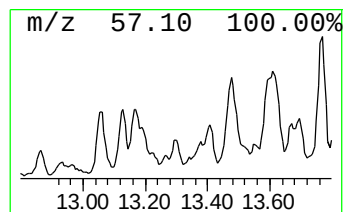
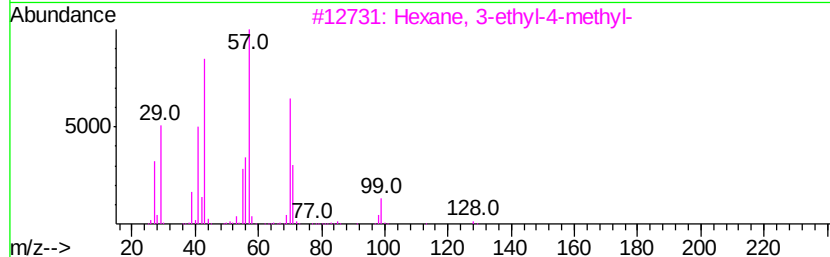
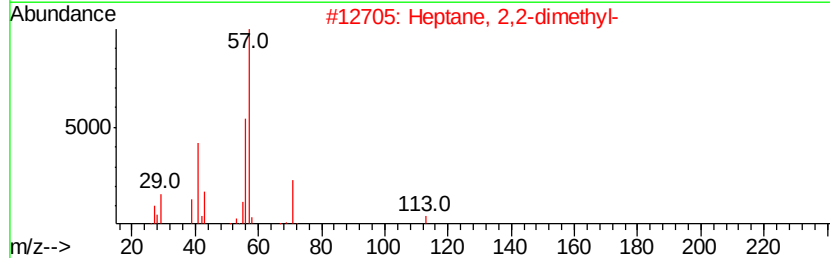
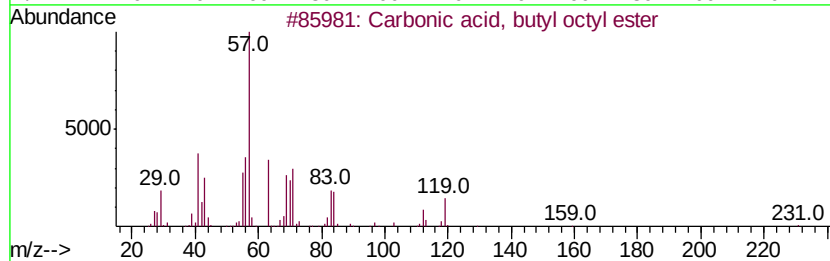
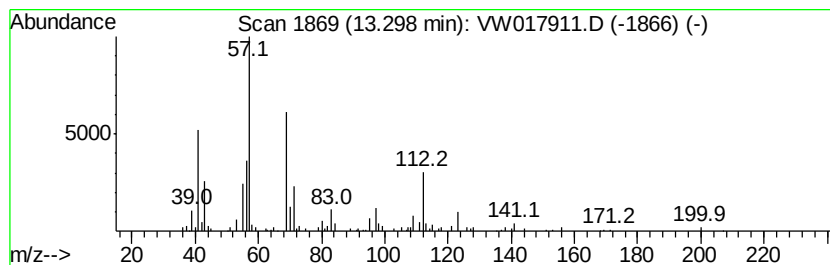
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.61 ug/L	88332	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	43
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
3			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	43
4			Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	43
5			Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017911.D
 Acq On : 15 Jan 2021 20:30
 Operator : SY/VA
 Sample : M1099-21
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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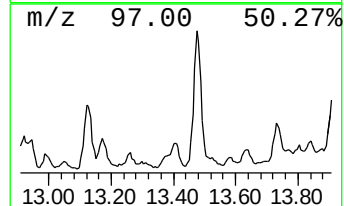
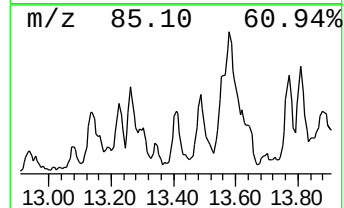
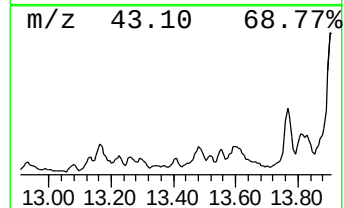
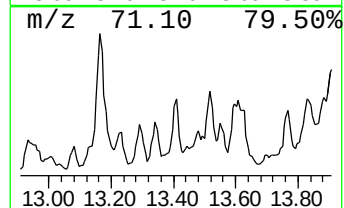
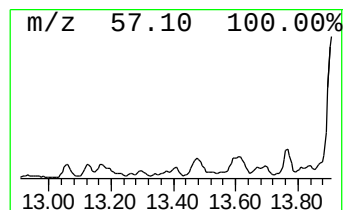
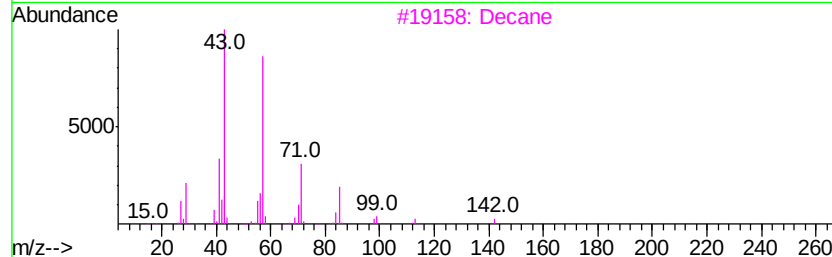
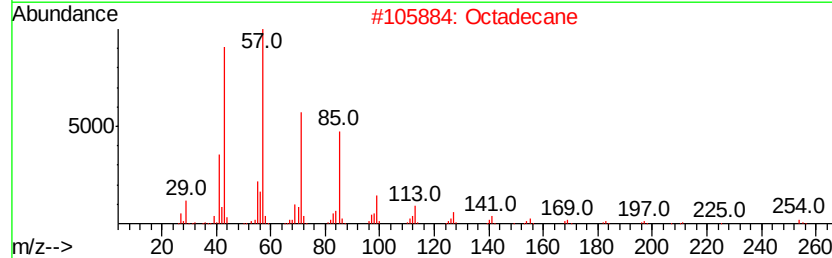
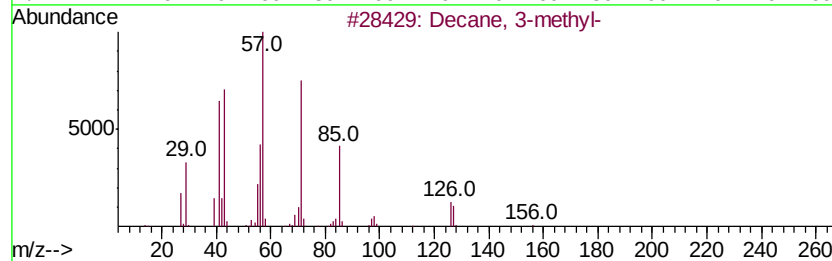
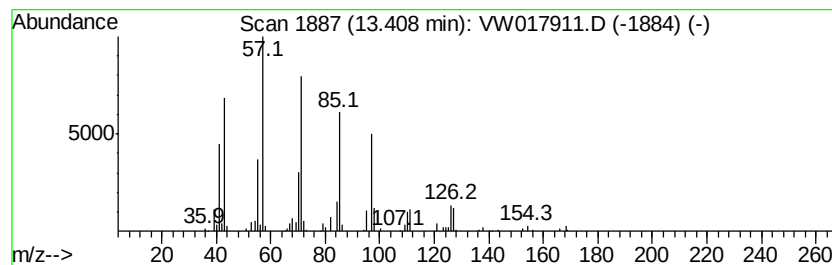
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 Quant Title : VOC Analysis

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

 Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	1.31 ug/L	71891	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	53
2			Octadecane	254	C18H38	000593-45-3	50
3			Decane	142	C10H22	000124-18-5	47
4			Undecane	156	C11H24	001120-21-4	47
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

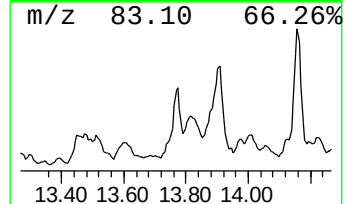
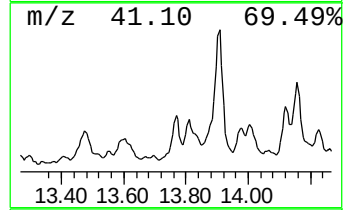
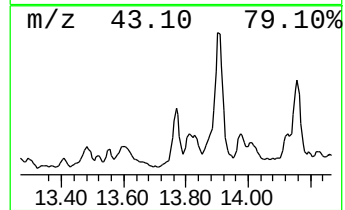
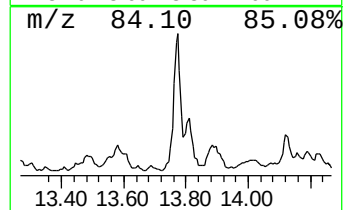
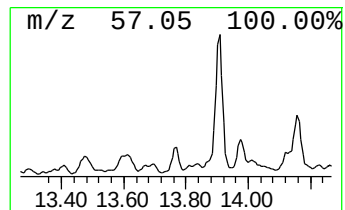
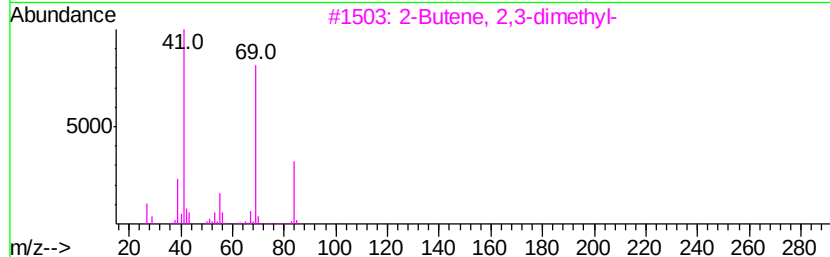
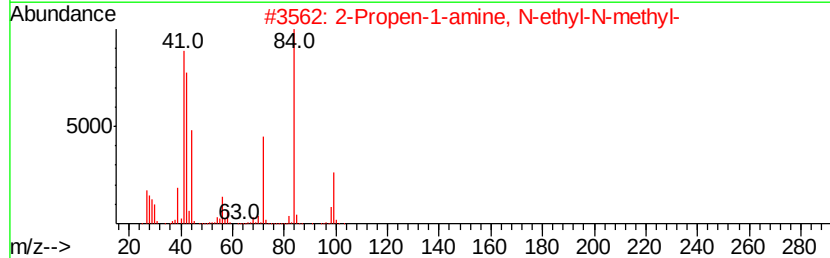
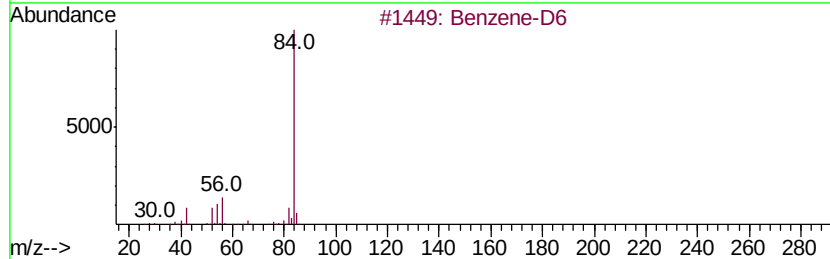
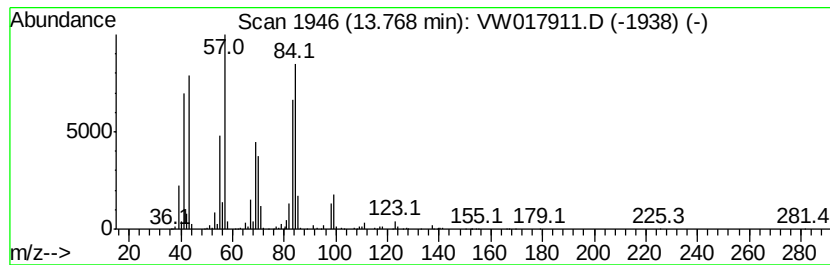
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 16 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	10.27 ug/L	562793	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-D6	84	C6D6	001076-43-3	35
2	2-Propen-1-amine, N-ethyl-N-methyl-	99	C6H13N	107995-54-0	35
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	35
4	Pyrrolidine, 2.beta.-(1-pyrroli...	154	C9H18N2	1000126-80-1	27
5	2,3,3-Trimethyl-1-hexene	126	C9H18	1000113-52-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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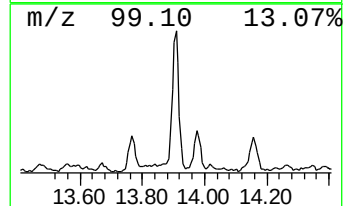
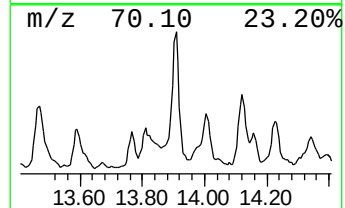
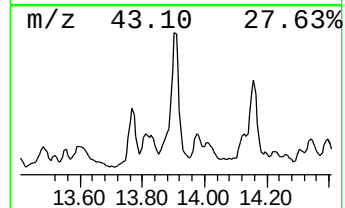
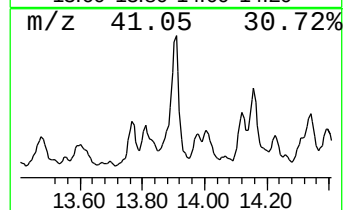
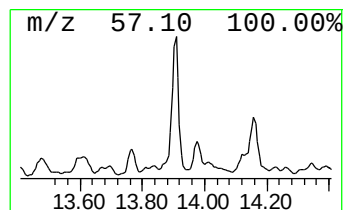
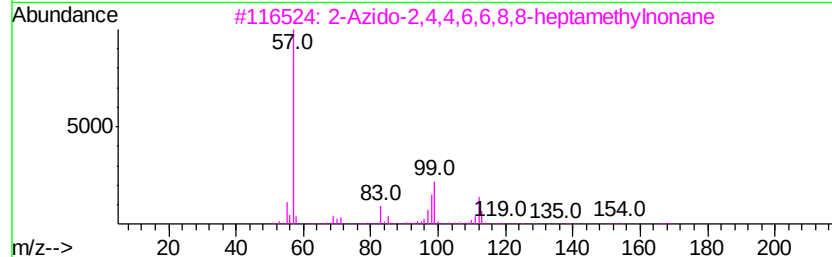
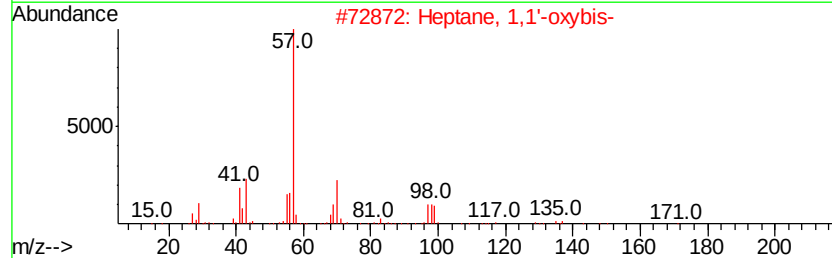
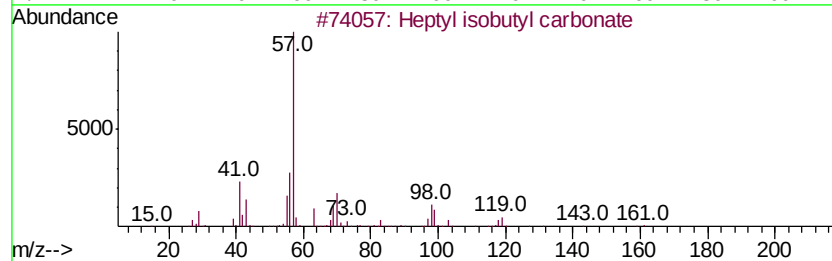
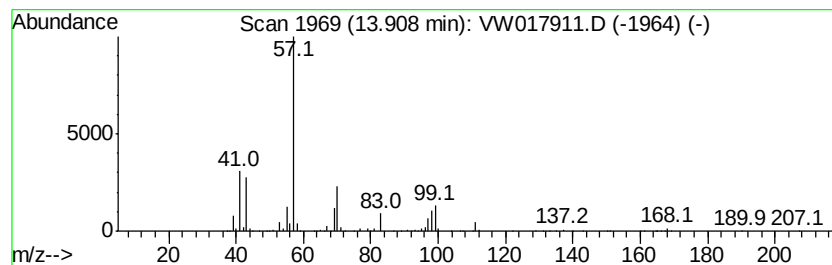
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Quant Title : VOC Analysis

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

Peak Number 17 Heptyl isobutyl carbonate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	27.61 ug/L	1513020	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
2			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
3			2-Azido-2,4,4,6,6,8,8-heptamethylheptane	267	C16H33N3	1000293-29-1	43
4			2-Azido-2,4,4,6,6-pentamethylheptane	211	C12H25N3	1000293-29-0	38
5			Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

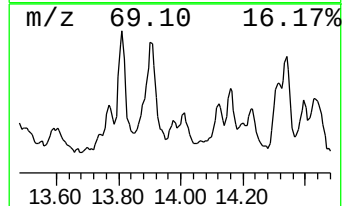
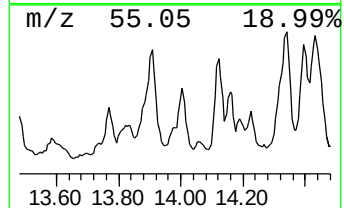
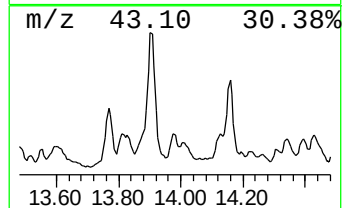
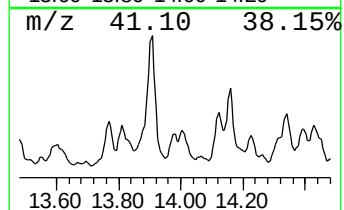
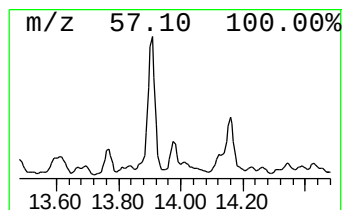
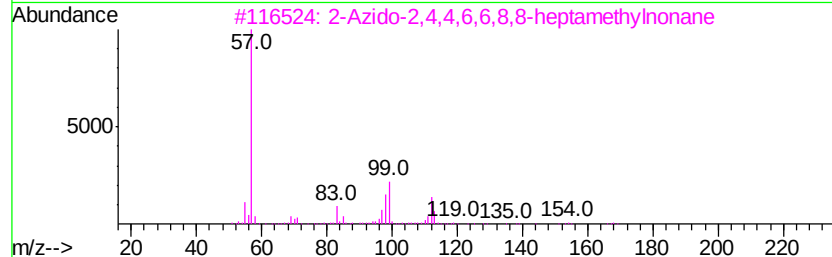
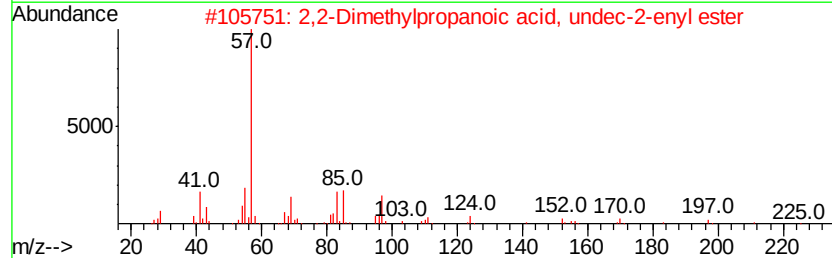
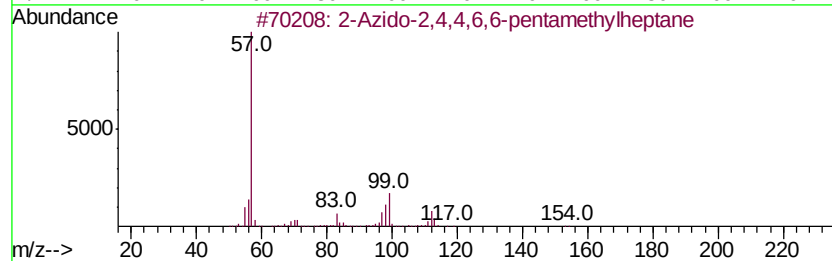
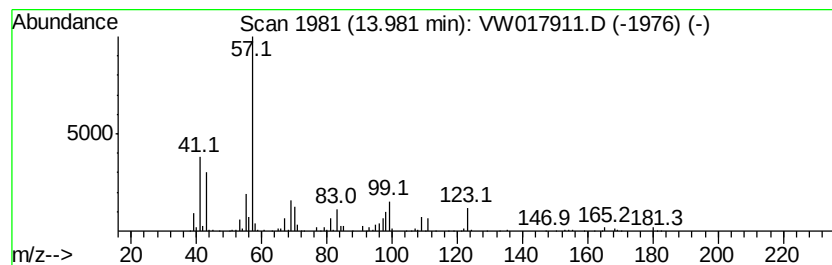
Instrument :
MSVOA_W
ClientSampleId :
F1C17

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 2-Azido-2,4,4,6,6-pentameth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	6.06 ug/L	332217	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	50
2	2,2-Dimethylpropanoic acid, unde...	254	C16H30O2	1000299-33-7	45
3	2-Azido-2,4,4,6,6,8,8-heptamethv...	267	C16H33N3	1000293-29-1	42
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
5	Heptane, 3-(chloromethyl)-	148	C8H17Cl	000123-04-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

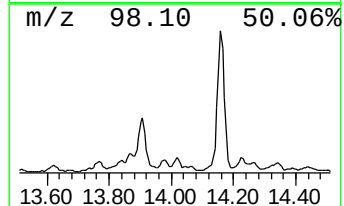
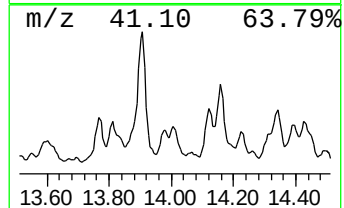
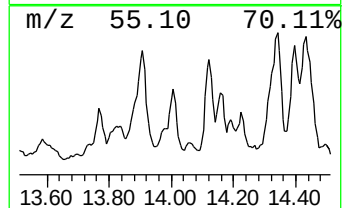
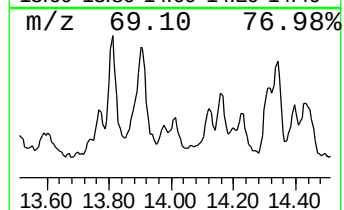
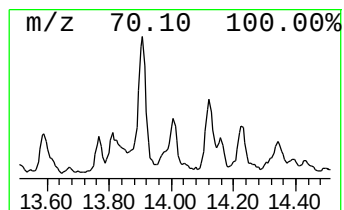
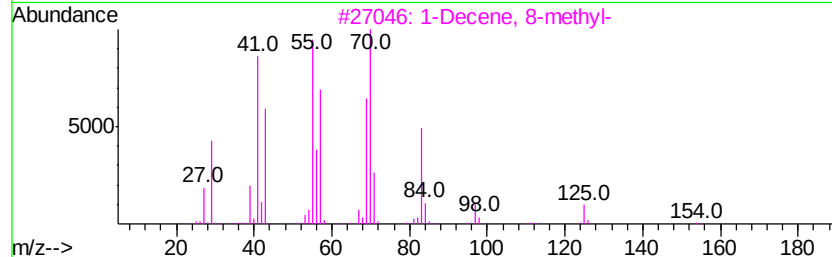
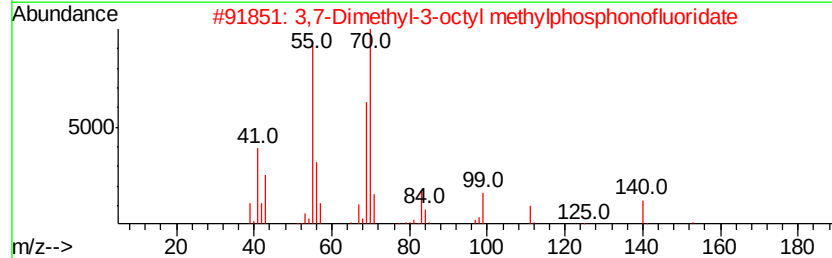
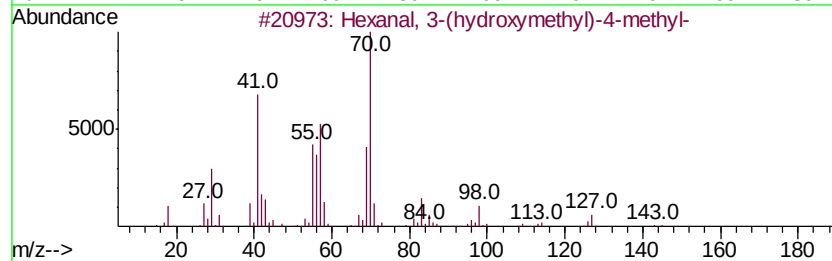
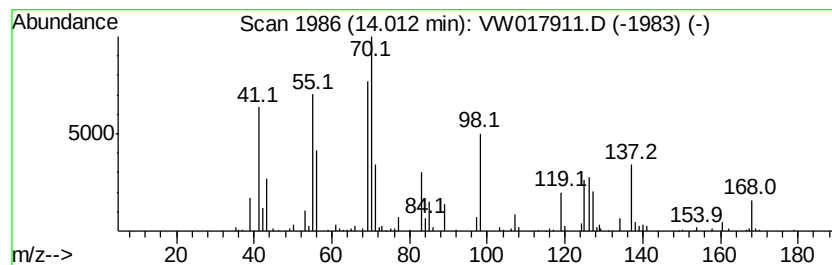
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 19 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.01	5.71 ug/L	312730	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 3-(hydroxymethyl)-4-met...	144	C8H16O2	056805-30-2	38	
2	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24F02P	159395-79-6	37	
3	1-Decene, 8-methyl-	154	C11H22	061142-79-8	37	
4	2-[2-(4-Methyl-furazan-3-yloxy)-...	211	C6H9N7O2	1000300-54-6	35	
5	2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	32	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

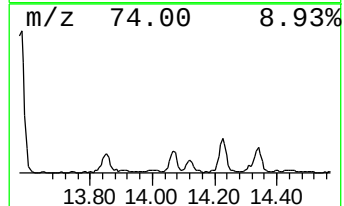
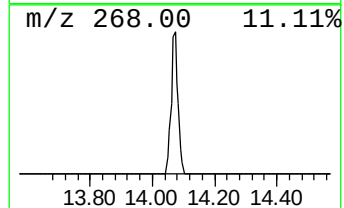
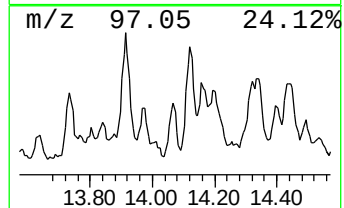
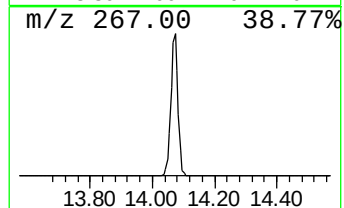
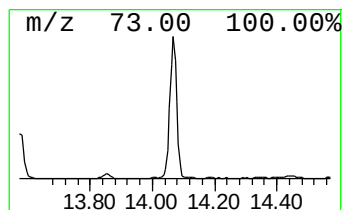
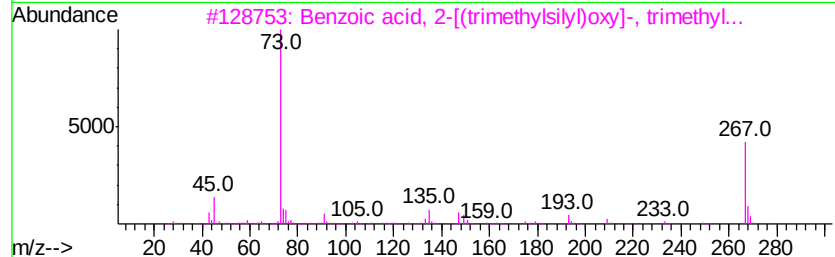
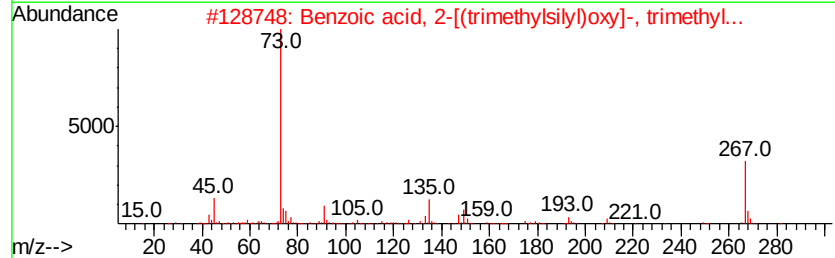
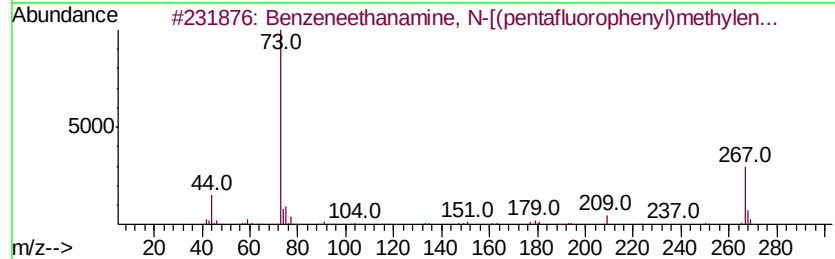
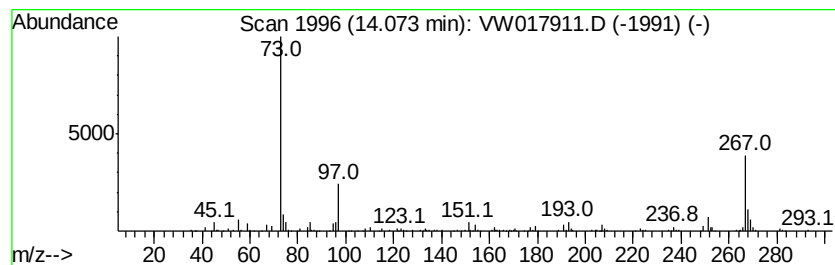
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 20 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.06 ug/L	167683	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzenethanamine, N-[(pentafluoro...]	475 C21H26F5N02Si2	055429-85-1 43
2		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282 C13H22O3Si2	003789-85-3 25
3		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282 C13H22O3Si2	003789-85-3 25
4		Tetrasiloxane, 1,1,3,3,5,5,7,7-octamethyl-	282 C8H26O3Si4	001000-05-1 25
5		Benzoic acid, 4-[(trimethylsilyl)oxy]-, trimethyl...	282 C13H22O3Si2	002078-13-9 17



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

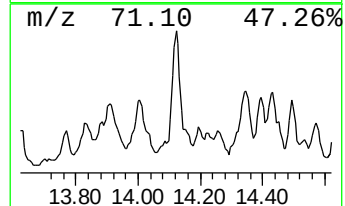
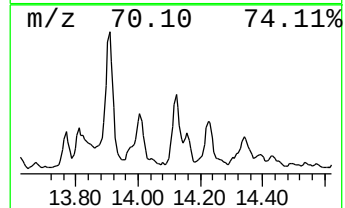
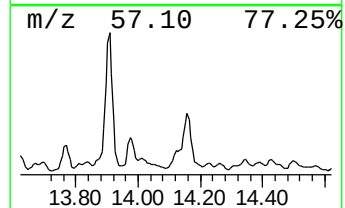
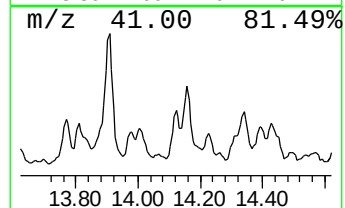
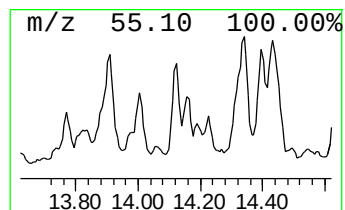
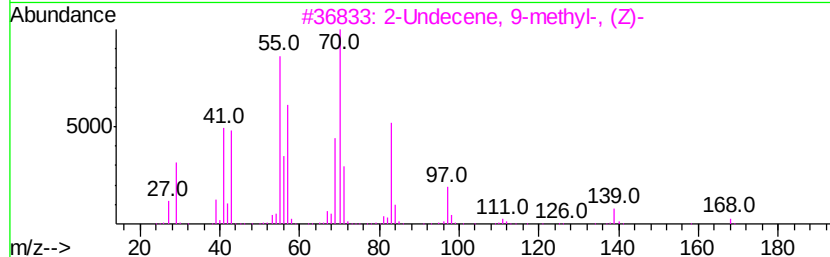
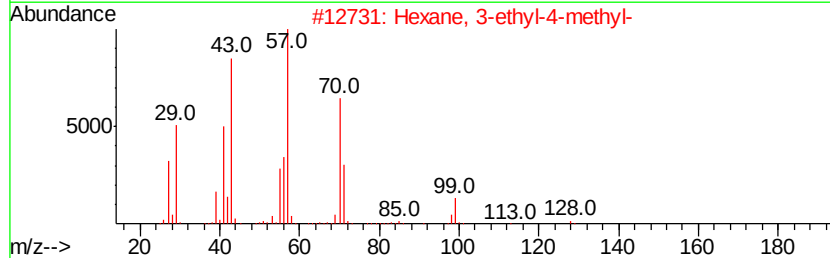
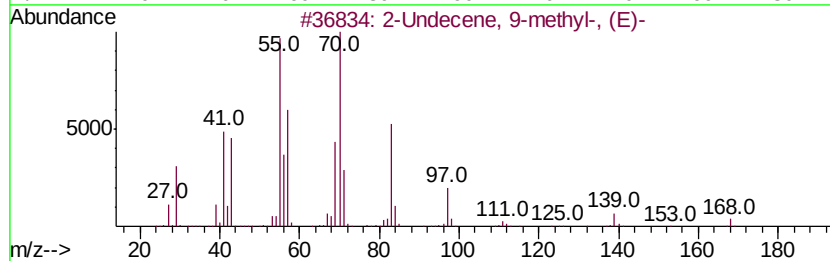
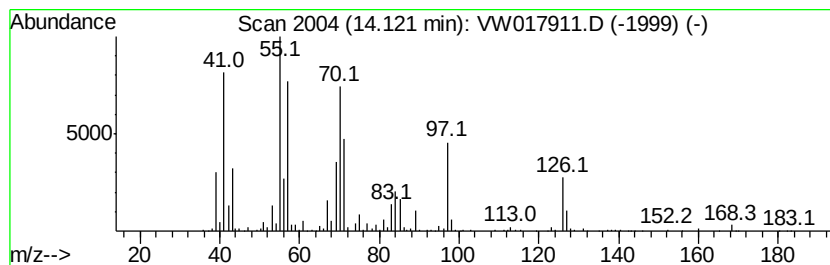
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	9.41 ug/L	515727	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	43	
2	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38		
3	2	Undecene, 9-methyl-, (Z)-	168	C12H24	074630-45-8	38	
4	1	Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	38	
5	4	Nonene	126	C9H18	002198-23-4	25	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

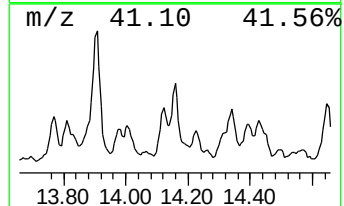
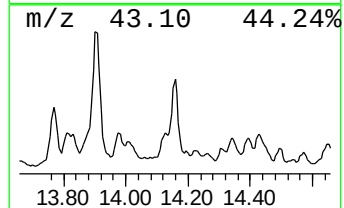
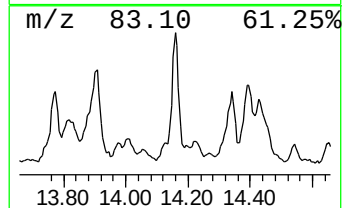
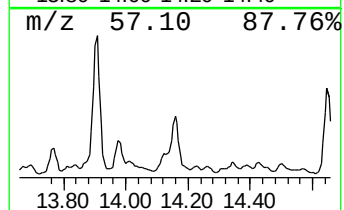
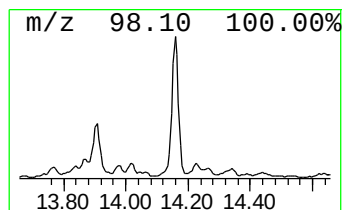
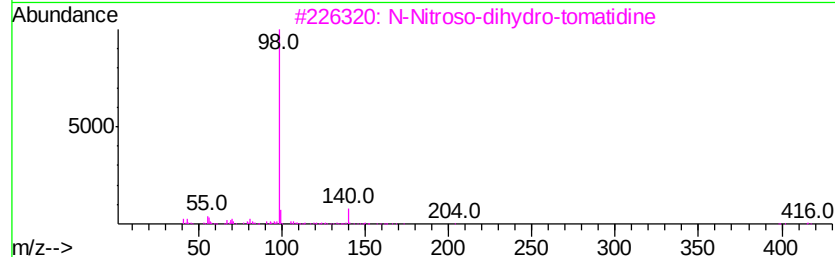
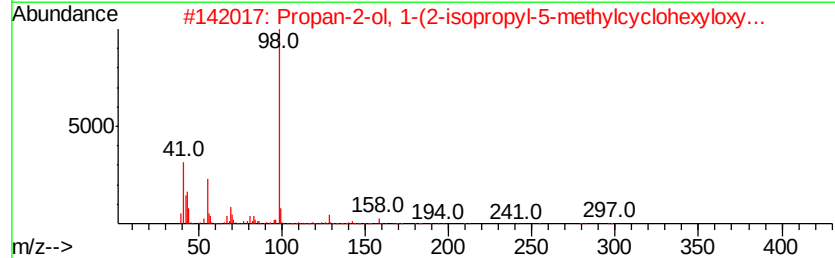
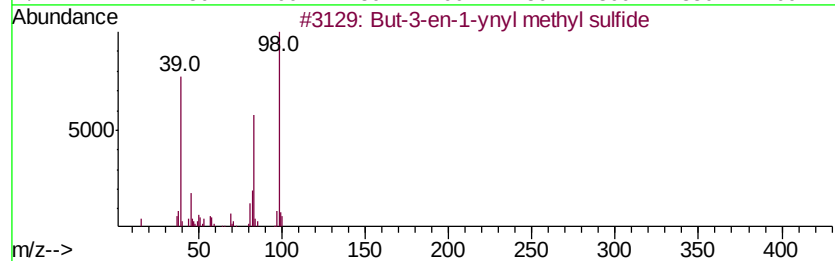
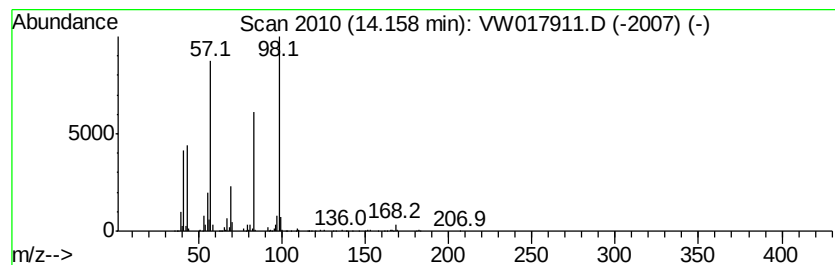
Instrument :
MSVOA_W
ClientSampleId :
F1C17

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 22 But-3-en-1-ynyl methyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	12.65 ug/L	693068	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	But-3-en-1-vnyl methyl sulfide	98 C5H6S	1000298-90-8	59
2	Propan-2-ol, 1-(2-isopropyl-5-me...	297 C18H35NO2	301317-71-5	43
3	N-Nitroso-dihydro-tomatidine	446 C27H46N2O3	1000256-69-5	43
4	Tetrahydrosolasodine	417 C27H47NO2	071473-03-5	43
5	1H-1,2,4-Triazol-5-amine, 1-methyl-	98 C3H6N4	015795-39-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

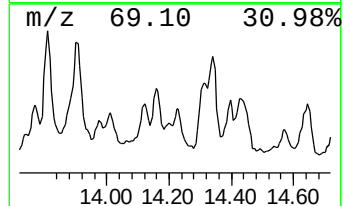
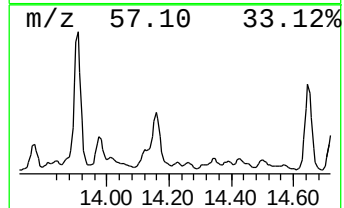
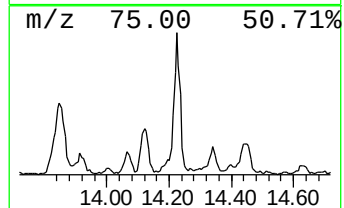
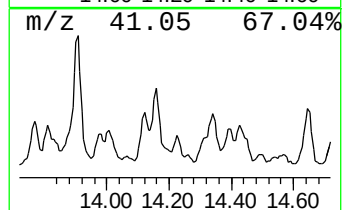
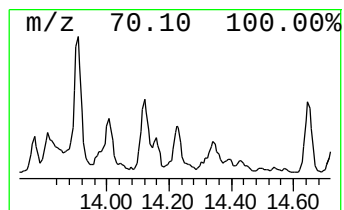
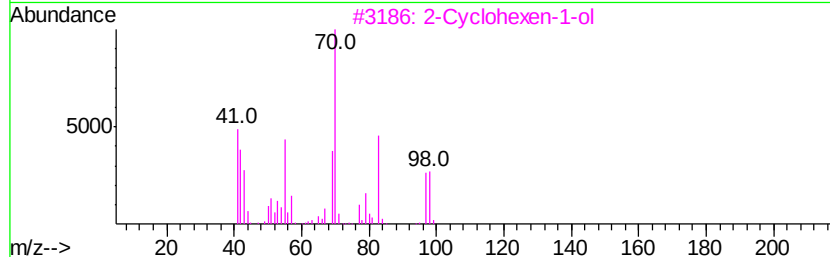
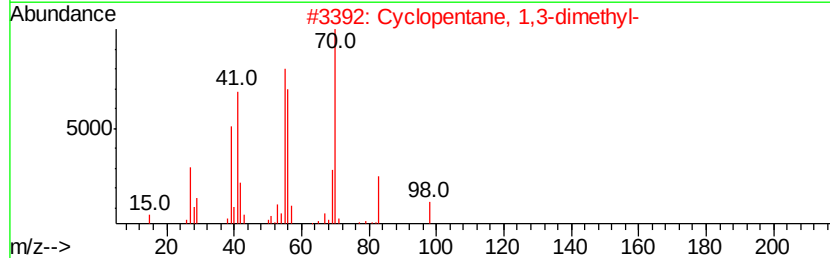
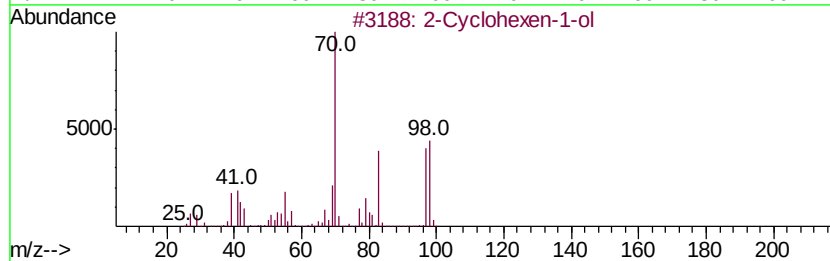
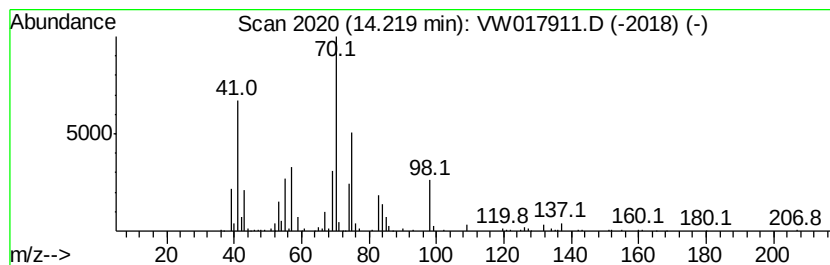
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Quant Title : VOC Analysis

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

Peak Number 23 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.23 ug/L	177221	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
2		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	35
3		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	32
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	32
5		Hexanal, 3-(hydroxymethyl)-4-met...	144	C8H16O2	056805-30-2	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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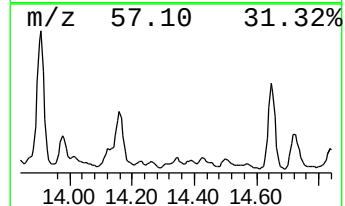
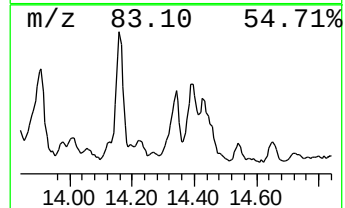
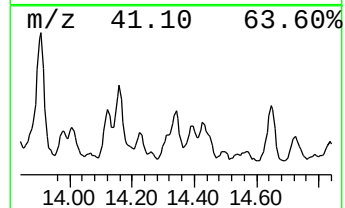
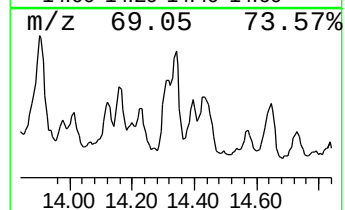
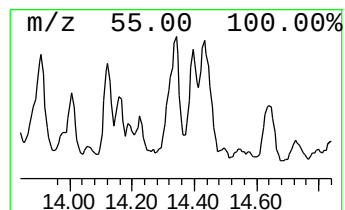
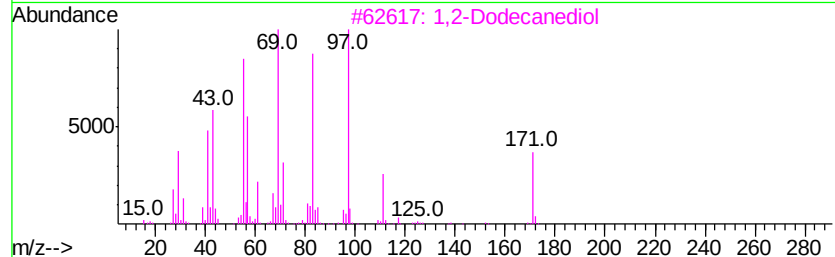
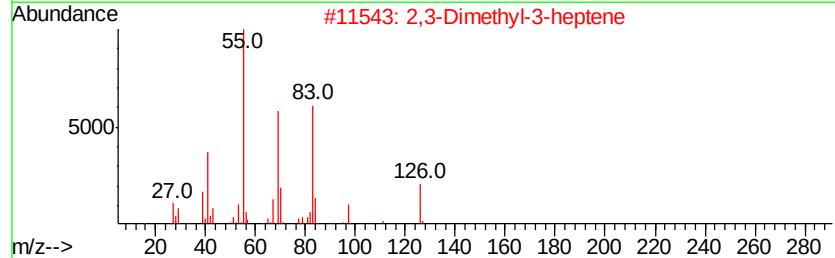
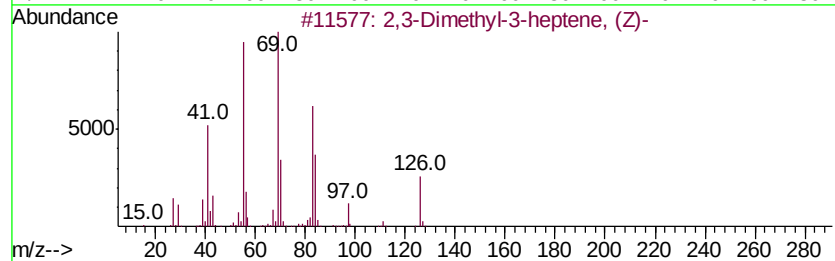
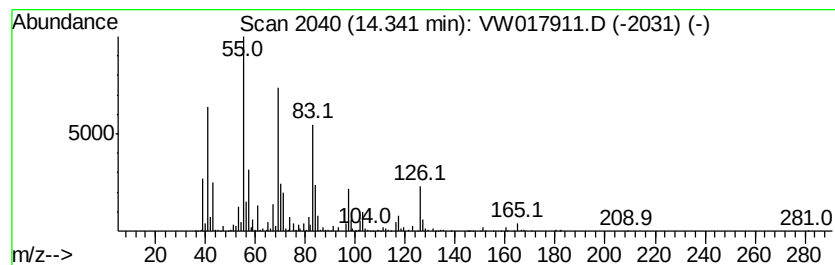
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	14.61 ug/L	800902	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	68
2		2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	64
3		1,2-Dodecanediol	202	C12H26O2	001119-87-5	50
4		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	47
5		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

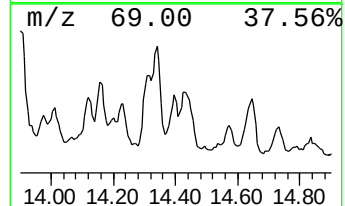
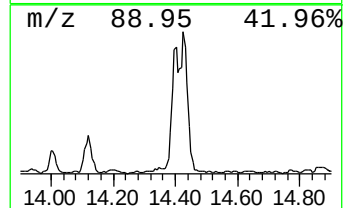
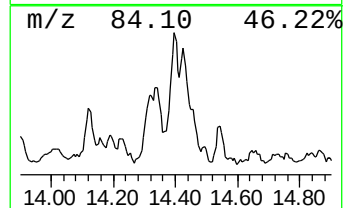
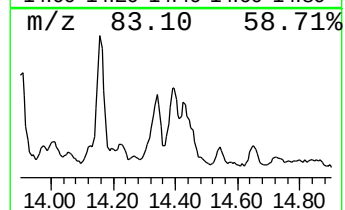
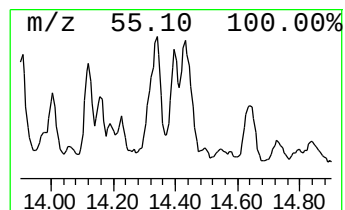
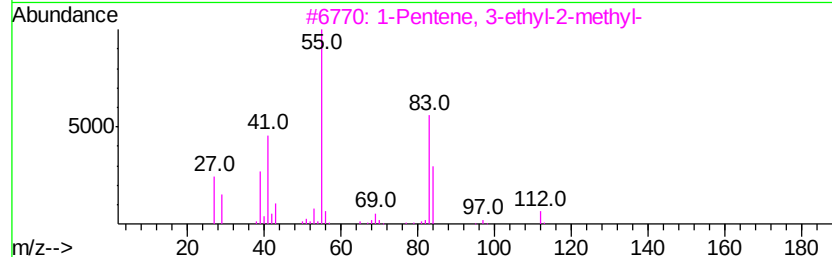
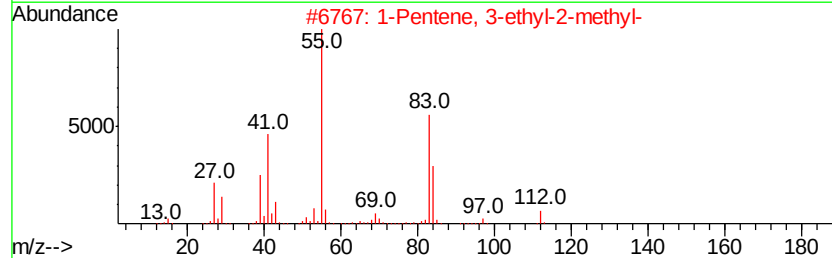
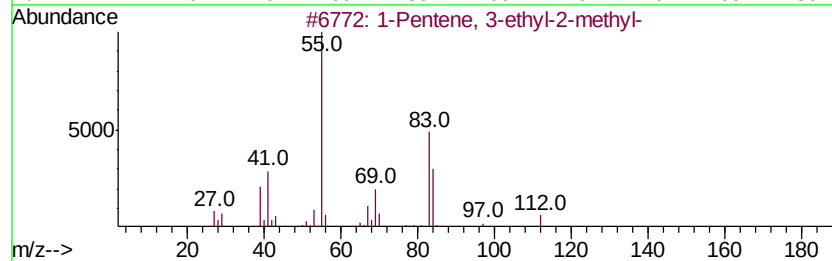
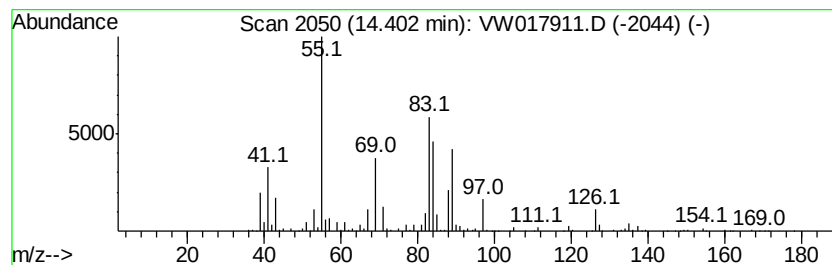
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	9.87 ug/L	541065	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	47
2			1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	47
3			1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	47
4			2,3,3-Trimethyl-1-hexene	126	C9H18	1000113-52-1	43
5			Cyclohexanecarboxaldehyde, 3,3-d...	154	C9H14O2	065080-66-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

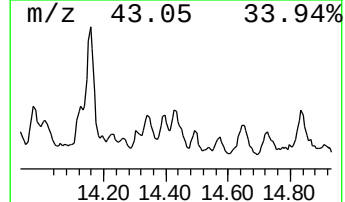
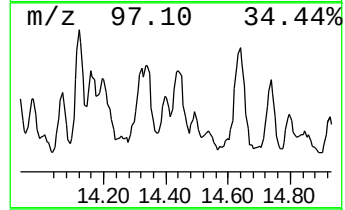
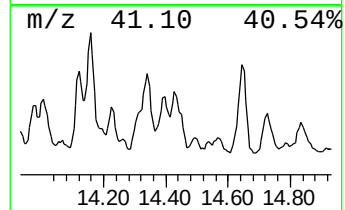
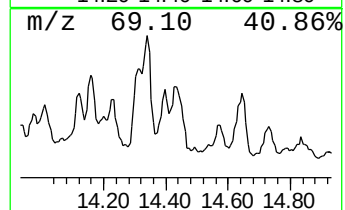
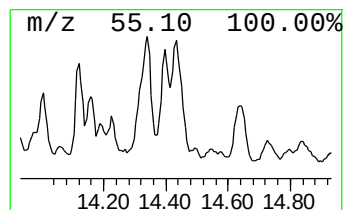
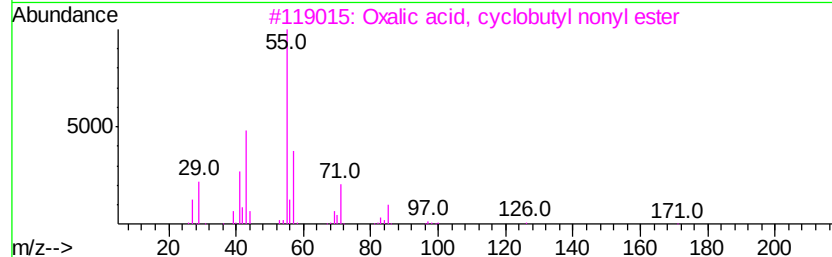
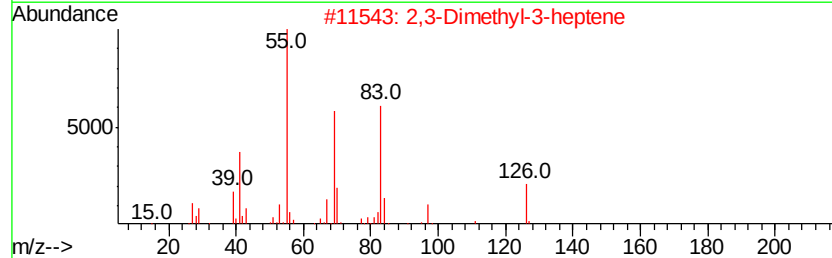
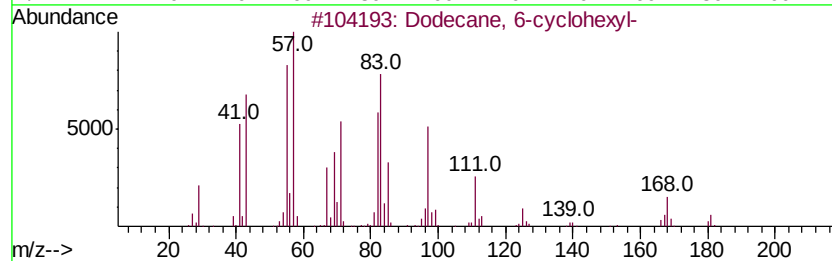
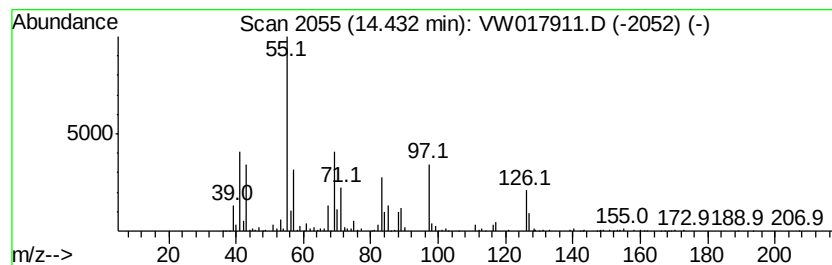
Instrument :
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ClientSampleId :
F1C17

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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.43	10.11 ug/L	553924	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	47
2	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	30
3	Oxalic acid, cyclobutyl nonyl ester	270	C15H26O4	1000309-70-0	27
4	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	25
5	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	22



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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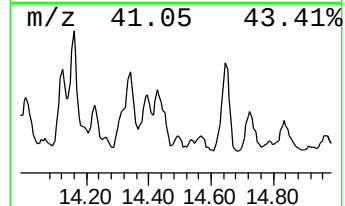
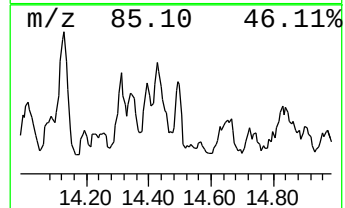
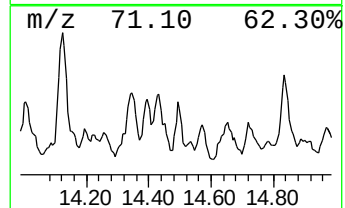
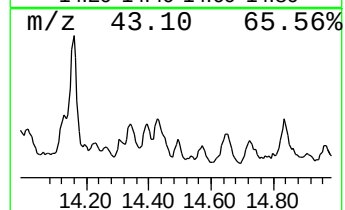
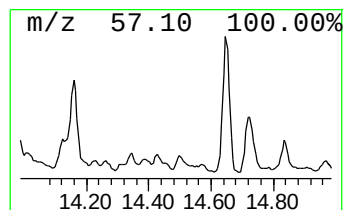
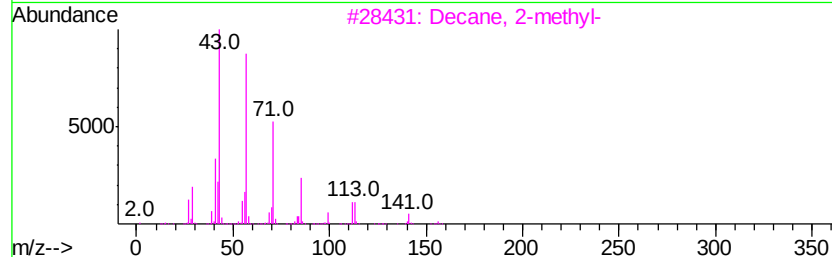
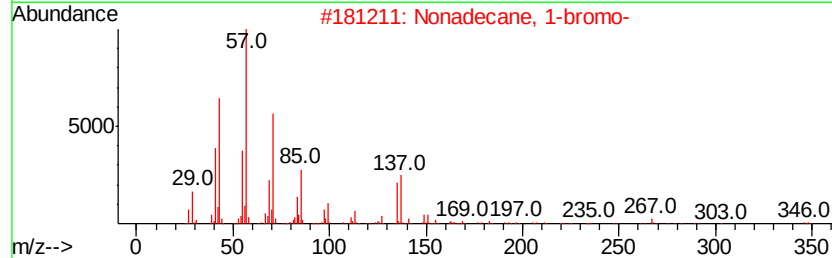
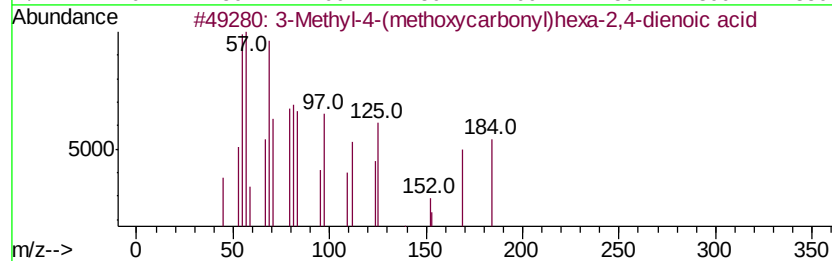
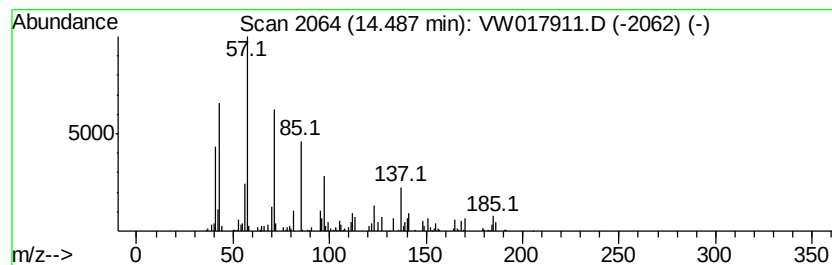
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Quant Title : VOC Analysis

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

Peak Number 27 3-Methyl-4-(methoxycarbonyl... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	1.56 ug/L	85608	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	83
2		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	47
3		Decane, 2-methyl-	156	C11H24	006975-98-0	38
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	38
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

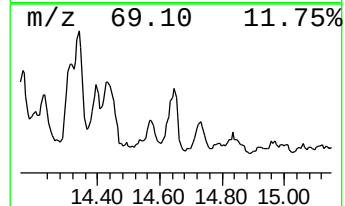
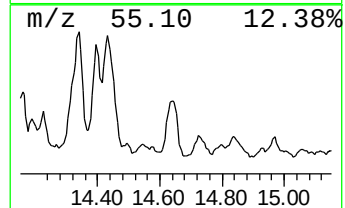
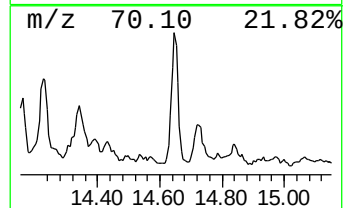
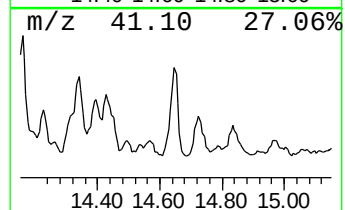
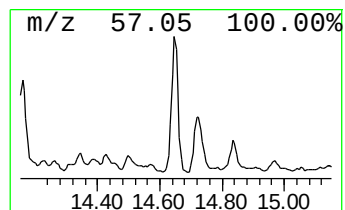
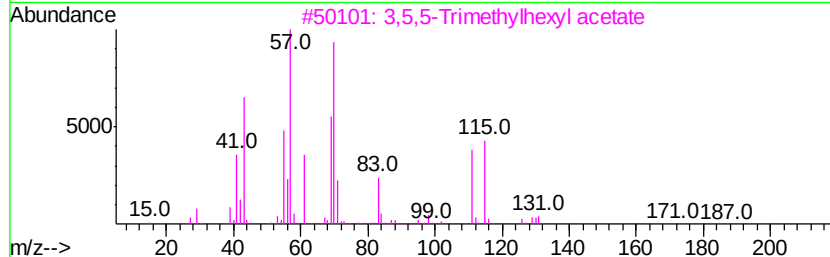
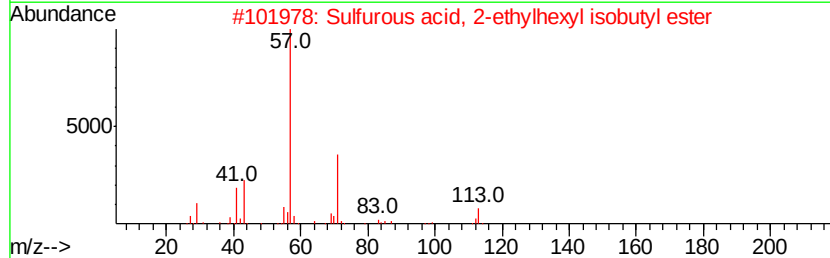
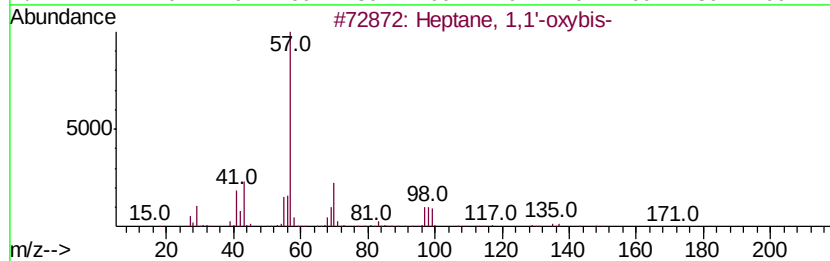
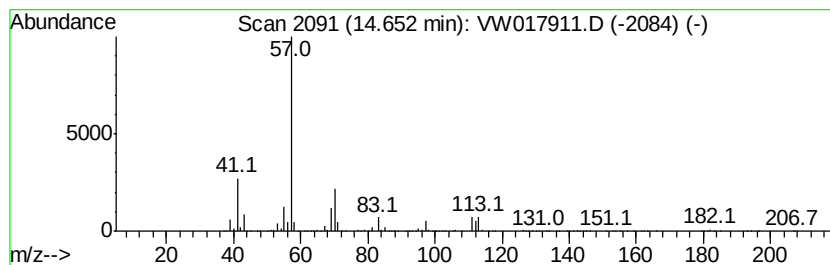
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 28 Heptane, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	11.45 ug/L	627355	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1	53
2	Sulfurous acid, 2-ethylhexyl iso...	250 C12H26O3S	1000309-18-7	37
3	3,5,5-Trimethylhexyl acetate	186 C11H22O2	058430-94-7	37
4	Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1	36
5	1-Pentene, 2,4,4-trimethyl-	112 C8H16	000107-39-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C17

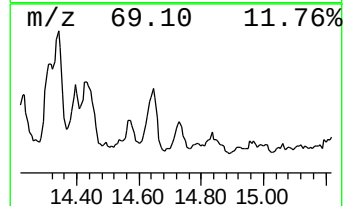
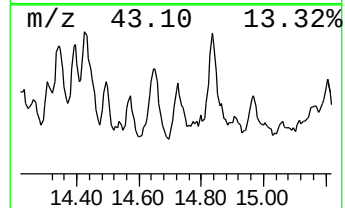
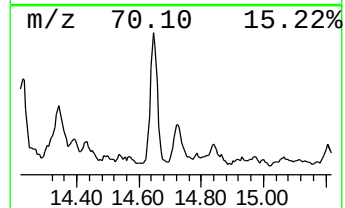
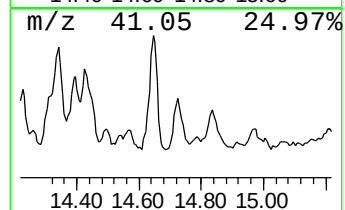
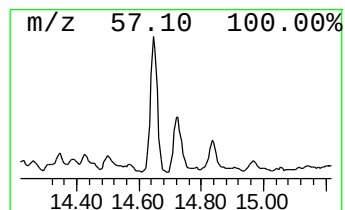
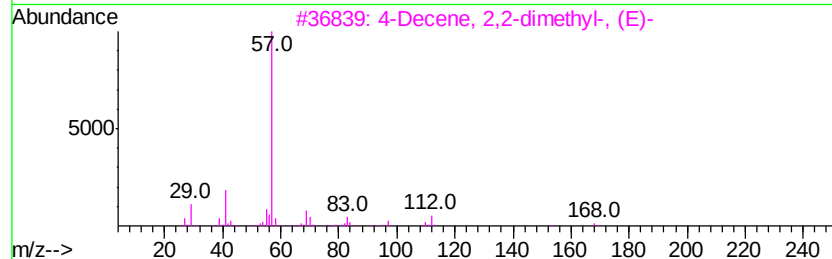
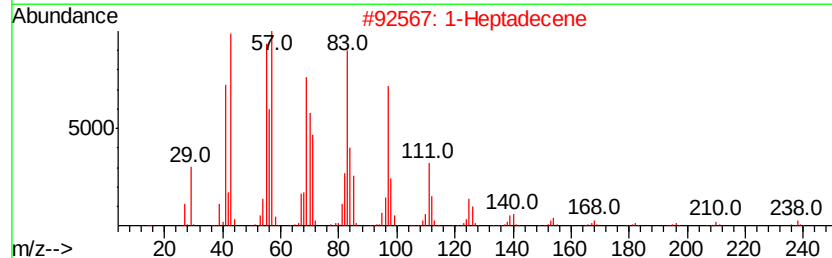
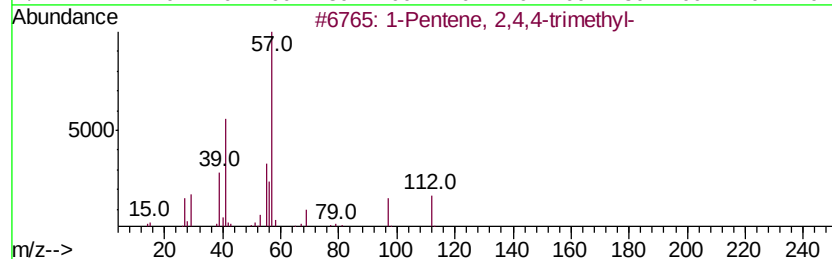
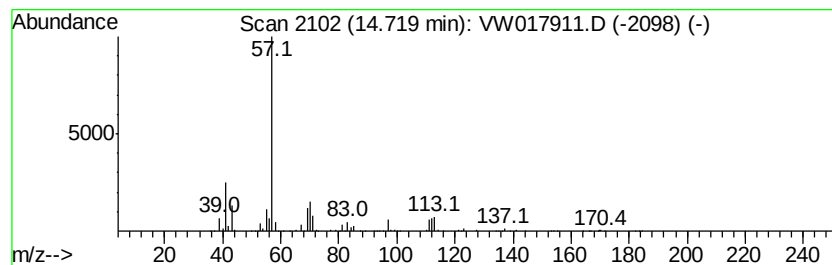
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.05 ug/L	276939	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	50
2			1-Heptadecene	238	C17H34	006765-39-5	47
3			4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	42
4			6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	40
5			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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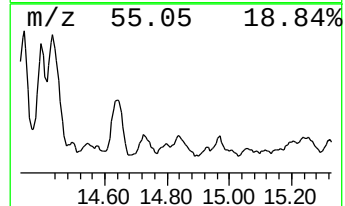
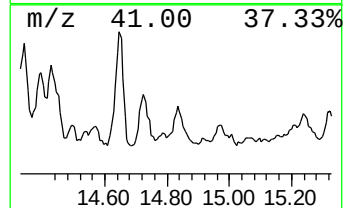
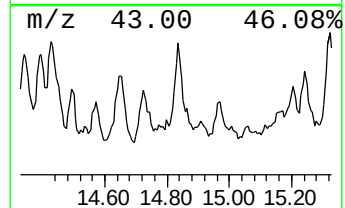
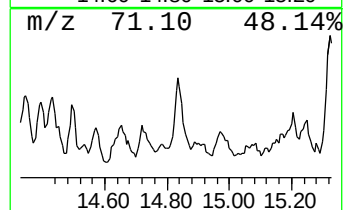
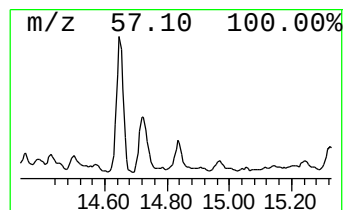
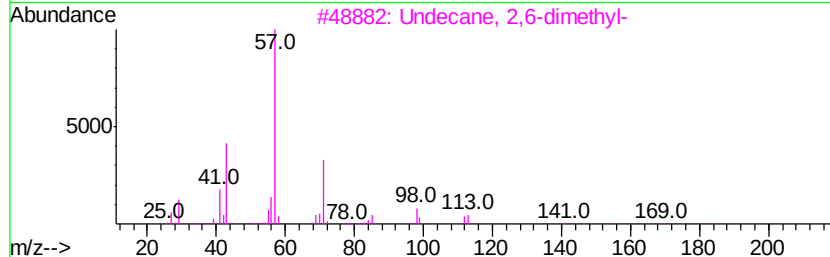
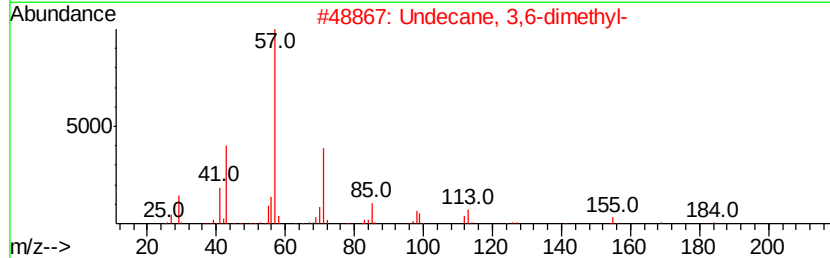
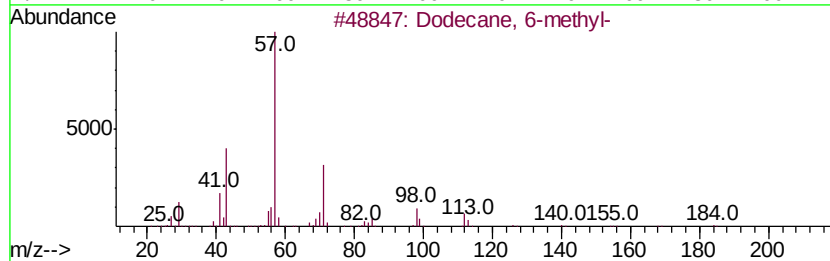
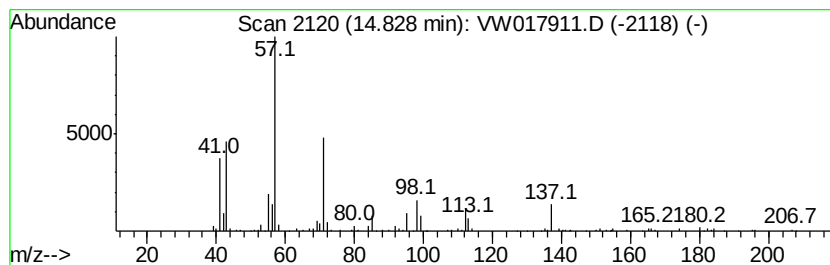
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.01 ug/L	274751	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	83
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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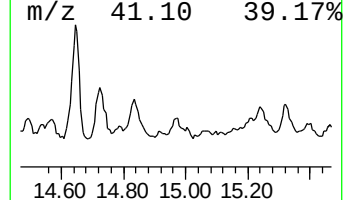
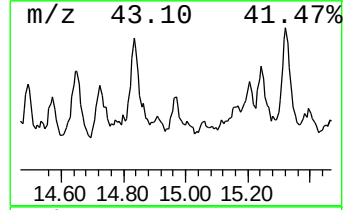
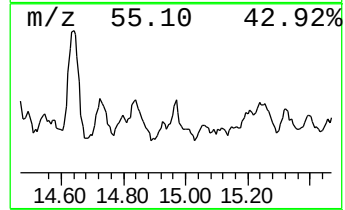
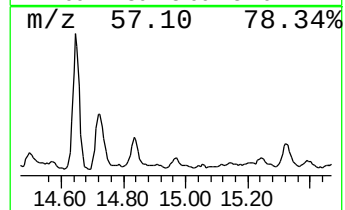
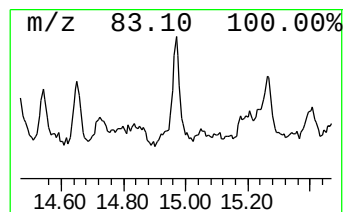
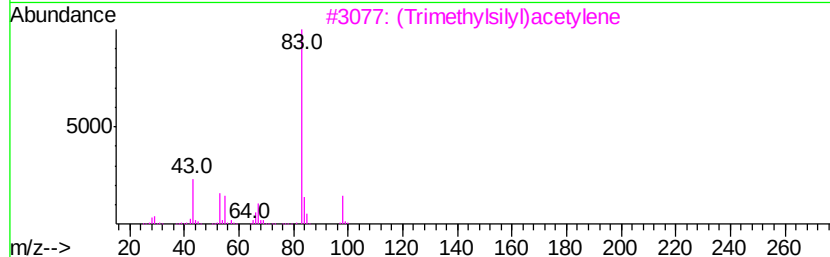
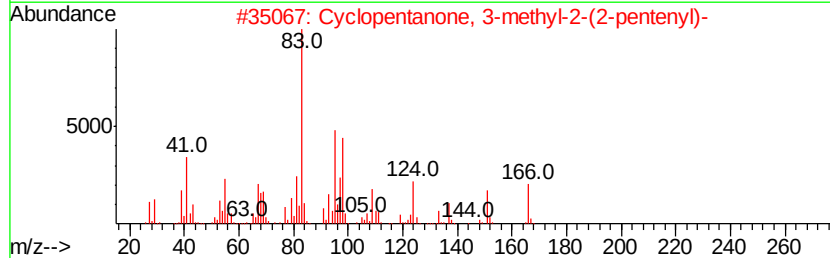
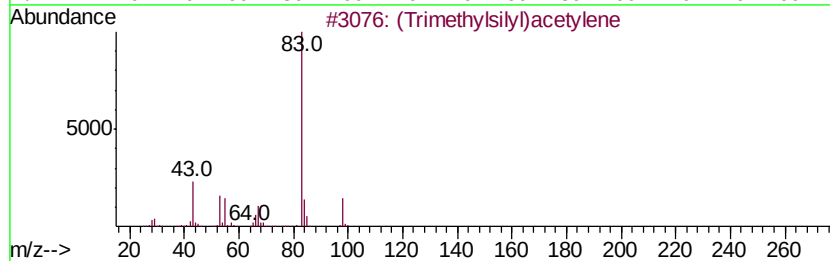
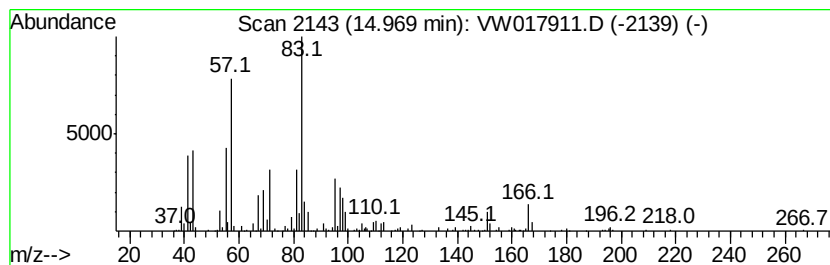
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 31 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.36 ug/L	129385	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	43
2		Cyclopentanone, 3-methyl-2-(2-pentenyl)-	166	C11H18O	007051-39-0	42
3		(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	38
4		Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	37
5		2-Methyl-5-octyn-4-ol	140	C9H16O	060657-70-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

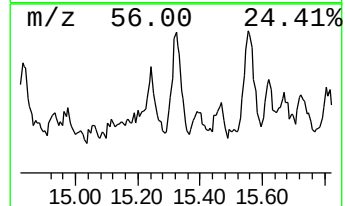
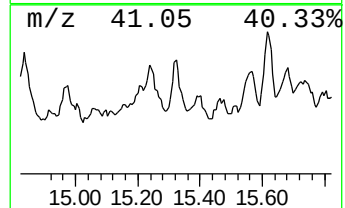
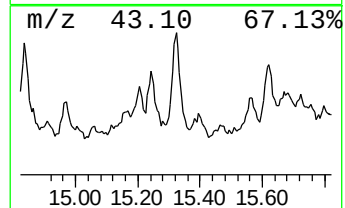
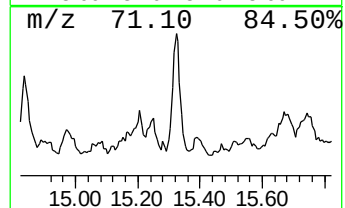
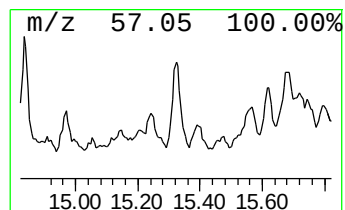
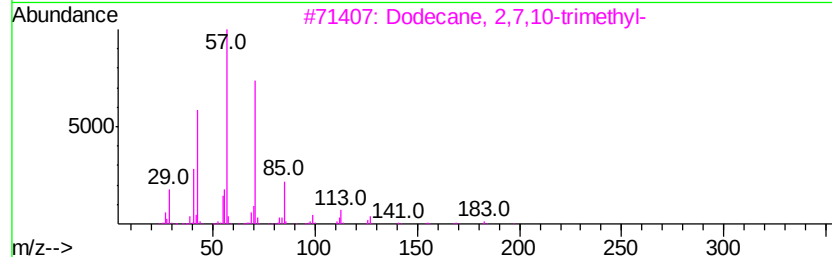
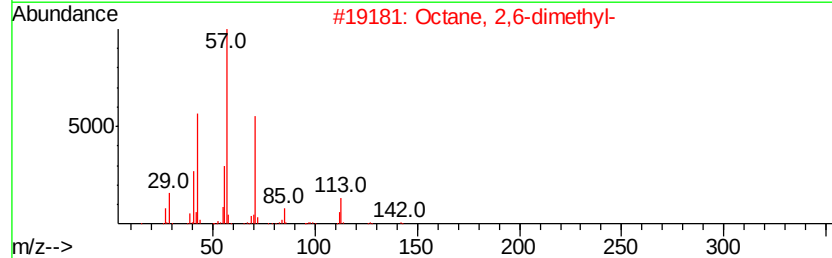
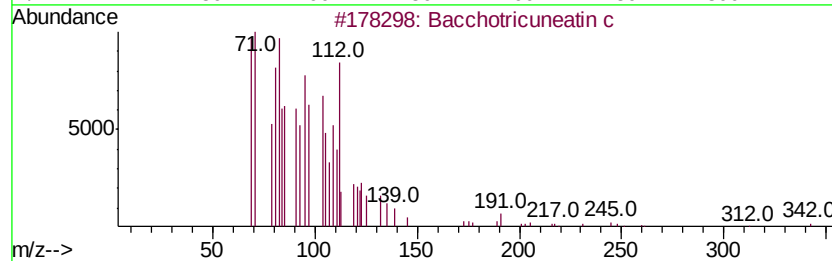
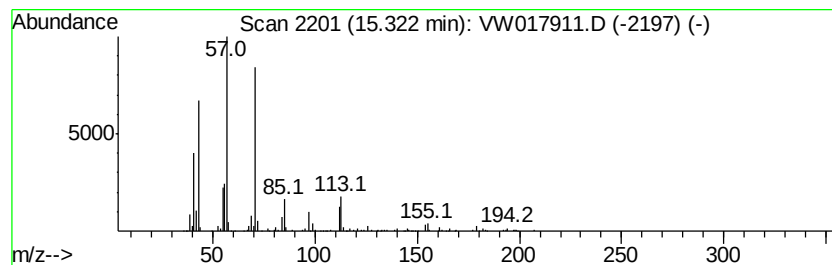
Instrument :
MSVOA_W
ClientSampled :
F1C17

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 32 Bacchotricuneatin c Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.94 ug/L	161332	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 80
2		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 78
3		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 64
4		Tridecane, 7-methyl-	198 C14H30	026730-14-3 64
5		Sulfurous acid, 2-ethylhexyl pen...	264 C13H28O3S	1000309-18-9 59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

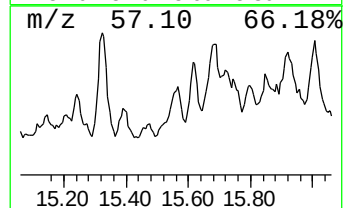
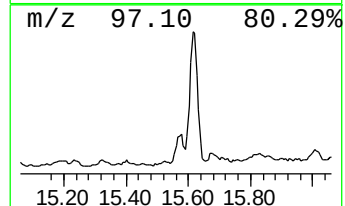
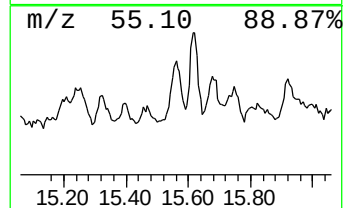
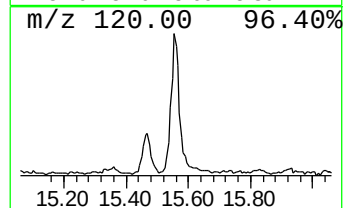
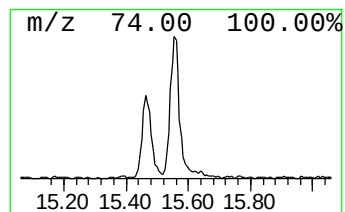
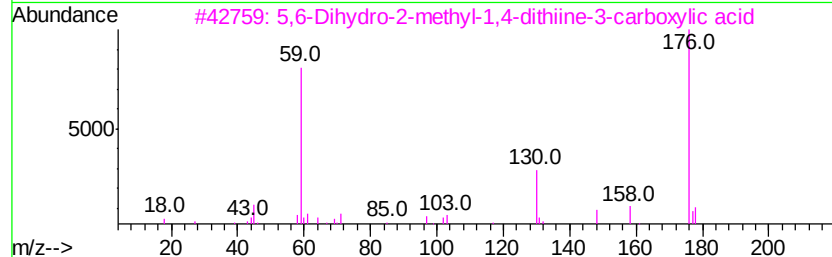
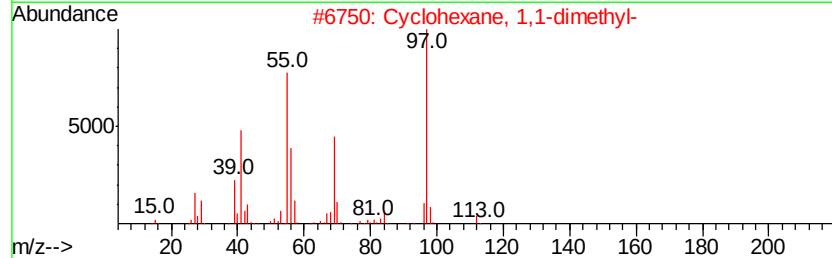
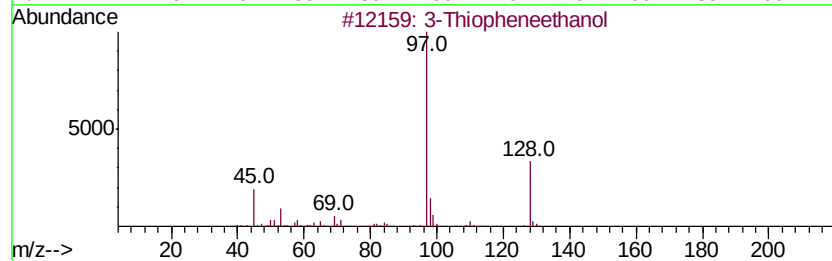
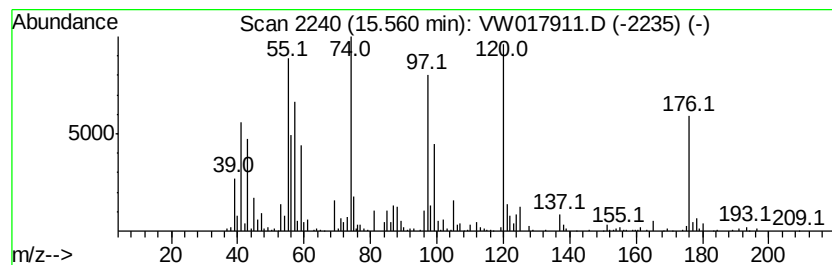
Instrument :
MSVOA_W
ClientSampleId :
F1C17

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 33 unknown-07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.56	4.14 ug/L	227103	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiopheneethanol	128	C6H8OS	013781-67-4	11
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	11
3	5,6-Dihydro-2-methyl-1,4-dithiin...	176	C6H8O2S2	035756-29-7	11
4	1,2,4-Triazolo[4,3-a]pyrazine	120	C5H4N4	000274-82-8	10
5	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017911.D
Acq On : 15 Jan 2021 20:30
Operator : SY/VA
Sample : M1099-21
Misc : 5.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

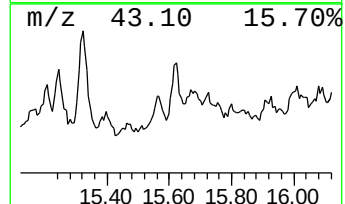
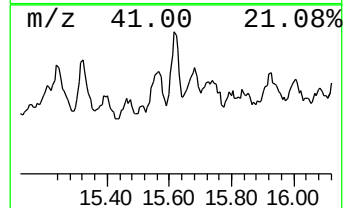
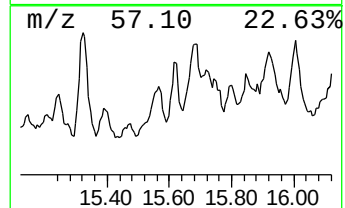
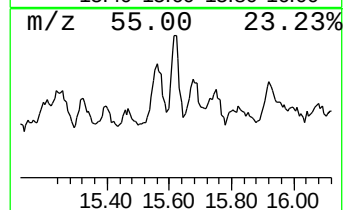
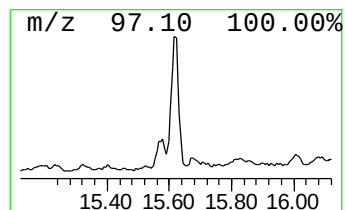
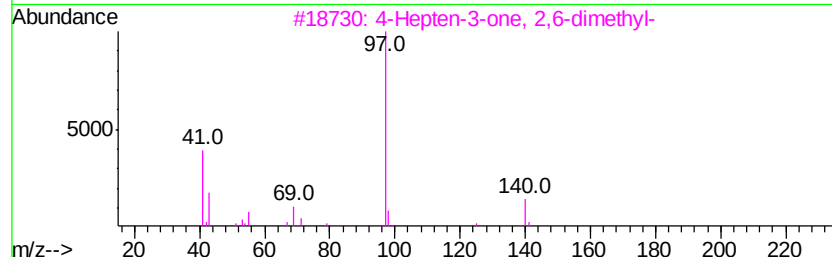
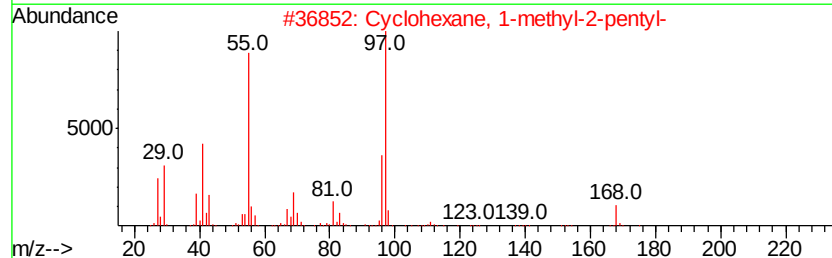
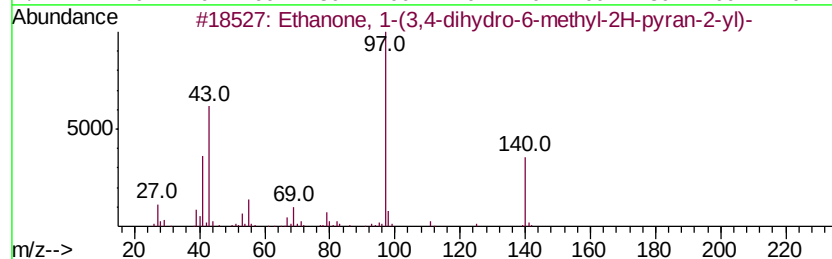
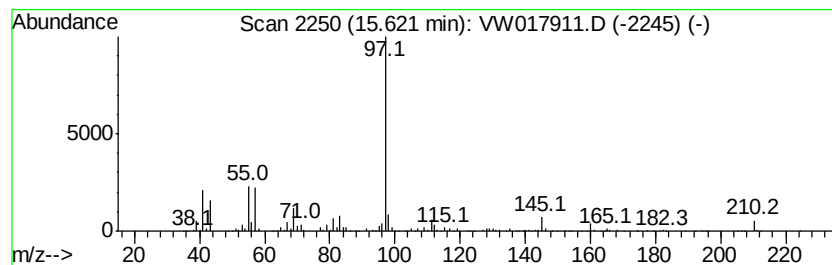
Instrument :
MSVOA_W
ClientSampleId :
F1C17

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 34 Ethanone, 1-(3,4-dihydro-6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.62	7.14 ug/L	391393	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dihydro-6-methyl...	140	C8H12O2	028450-02-4	59	
2	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	59	
3	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	59	
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	59	
5	Methyl 2-thienylacetate	156	C7H8O2S	019432-68-9	59	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
 Data File : VW017911.D
 Acq On : 15 Jan 2021 20:30
 Operator : SY/VA
 Sample : M1099-21
 Misc : 5.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C17

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: Cyc...	1.95	1.3	ug/L	37617	1	8.84	747043	25.0
(DEL) Alkane: Cyc...	9.52	1.3	ug/L	39205	1	8.84	747043	25.0
(DEL) Alkane: Cyc...	9.90	2.7	ug/L	81460	1	8.84	747043	25.0
(DEL) Alkane: Str...	10.14	1.5	ug/L	45405	1	8.84	747043	25.0
Cyclohexanecarbox...	11.22	1.3	ug/L	131309	2	11.63	2622700	25.0
(DEL) Alkane: Str...	11.27	2.1	ug/L	218977	2	11.63	2622700	25.0
(DEL) Alkane: Cyc...	11.40	3.7	ug/L	388874	2	11.63	2622700	25.0
(DEL) Alkane: Cyc...	12.94	3.8	ug/L	209008	3	13.55	1370090	25.0
Prop-2-yn-1-yl 2-...	13.06	1.8	ug/L	99753	3	13.55	1370090	25.0
Sulfurous acid, c...	13.13	3.3	ug/L	181466	3	13.55	1370090	25.0
Benzene, 1-(dodec...	13.17	7.3	ug/L	397711	3	13.55	1370090	25.0
(DEL) Alkane: Str...	13.26	2.2	ug/L	120338	3	13.55	1370090	25.0
unknown-01	13.30	1.6	ug/L	88332	3	13.55	1370090	25.0
(DEL) Alkane: Str...	13.41	1.3	ug/L	71891	3	13.55	1370090	25.0
unknown-02	13.77	10.3	ug/L	562793	3	13.55	1370090	25.0
Heptyl isobutyl c...	13.91	27.6	ug/L	1513020	3	13.55	1370090	25.0
2-Azido-2,4,4,6,6...	13.98	6.1	ug/L	332217	3	13.55	1370090	25.0
unknown-03	14.01	5.7	ug/L	312730	3	13.55	1370090	25.0
unknown-04	14.07	3.1	ug/L	167683	3	13.55	1370090	25.0
(DEL) Alkane: Str...	14.12	9.4	ug/L	515727	3	13.55	1370090	25.0
But-3-en-1-ynyl m...	14.16	12.7	ug/L	693068	3	13.55	1370090	25.0
unknown-05	14.22	3.2	ug/L	177221	3	13.55	1370090	25.0
(DEL) Alkane: Str...	14.34	14.6	ug/L	800902	3	13.55	1370090	25.0
(DEL) Alkane: Str...	14.40	9.9	ug/L	541065	3	13.55	1370090	25.0
(DEL) Alkane: Str...	14.43	10.1	ug/L	553924	3	13.55	1370090	25.0
3-Methyl-4-(metho...	14.49	1.6	ug/L	85608	3	13.55	1370090	25.0
Heptane, 1,1'-oxy...	14.65	11.4	ug/L	627355	3	13.55	1370090	25.0
(DEL) Alkane: Str...	14.72	5.0	ug/L	276939	3	13.55	1370090	25.0
(DEL) Alkane: Str...	14.83	5.0	ug/L	274751	3	13.55	1370090	25.0
unknown-06	14.97	2.4	ug/L	129385	3	13.55	1370090	25.0
Bacchotricuneatin c	15.32	2.9	ug/L	161332	3	13.55	1370090	25.0
unknown-07	15.56	4.1	ug/L	227103	3	13.55	1370090	25.0
Ethanone, 1-(3,4-...	15.62	7.1	ug/L	391393	3	13.55	1370090	25.0