

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
 Data File : VW016902.D
 Acq On : 14 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4382-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0

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\SOM2WLM100720S.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	2.202	41	49	55	rBV2	32178	113869	0.15%	0.071%
2	2.355	69	74	87	rVB	83795	162285	0.22%	0.102%
3	2.897	157	163	172	rVB	64706	144212	0.19%	0.090%
4	4.031	338	349	364	rBV3	151170	513451	0.69%	0.322%
5	4.397	400	409	419	rVV2	4536	14619	0.02%	0.009%
6	4.940	485	498	511	rBV2	13240	55604	0.07%	0.035%
7	5.787	628	637	638	rBV5	1858	4037	0.01%	0.003%
8	5.805	638	640	643	rVB3	2135	2001	0.00%	0.001%
9	5.952	654	664	674	rBV5	4751	16432	0.02%	0.010%
10	7.086	841	850	856	rBV	30552	94619	0.13%	0.059%
11	7.153	856	861	877	rVB2	26018	103854	0.14%	0.065%
12	7.653	933	943	959	rBV2	210202	541841	0.72%	0.339%
13	7.921	983	987	988	rBV2	1760	1813	0.00%	0.001%
14	7.964	988	994	1001	rVB8	2807	8175	0.01%	0.005%
15	8.165	1020	1027	1033	rBV9	1548	4161	0.01%	0.003%
16	8.287	1035	1047	1049	rBV	382916	891123	1.19%	0.558%
17	8.573	1092	1094	1100	rVB4	2395	3703	0.00%	0.002%
18	8.701	1109	1115	1117	rBV6	3703	6217	0.01%	0.004%
19	8.848	1129	1139	1155	rBV	420716	942326	1.26%	0.590%
20	9.098	1169	1180	1198	rBV	4319530	10041253	13.43%	6.289%
21	9.280	1201	1210	1229	rVV	227599	549732	0.74%	0.344%
22	9.415	1229	1232	1233	rVV3	2064	2190	0.00%	0.001%
23	9.457	1233	1239	1246	rVV8	5289	14947	0.02%	0.009%
24	9.756	1283	1288	1289	rBV4	1771	1923	0.00%	0.001%
25	9.902	1310	1312	1318	rVB7	1377	2413	0.00%	0.002%
26	9.975	1318	1324	1327	rBV8	2696	6157	0.01%	0.004%
27	10.043	1328	1335	1347	rVV	131253	281149	0.38%	0.176%
28	10.213	1359	1363	1365	rBV4	2137	3116	0.00%	0.002%
29	10.335	1374	1383	1402	rBV	393490	1070720	1.43%	0.671%
30	10.585	1418	1424	1437	rVB	73505	179659	0.24%	0.113%
31	10.768	1448	1454	1461	rBV	61393	98281	0.13%	0.062%
32	10.859	1461	1469	1470	rBV	44928193	49752153	66.57%	31.159%
33	11.012	1490	1494	1498	rVB2	45112016	74741814	100.00%	46.809%
34	11.426	1559	1562	1573	rVB6	30726	84237	0.11%	0.053%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	11.524	1574	1578	1590	rVB4	31989	68087	0.09%	0.043%
36	11.646	1591	1598	1605	rVB	507418	842485	1.13%	0.528%
37	11.853	1624	1632	1641	rBV2	213639	449929	0.60%	0.282%
38	11.926	1641	1644	1649	rVB2	30800	48999	0.07%	0.031%
39	12.067	1660	1667	1672	rVB5	19499	43823	0.06%	0.027%
40	12.146	1673	1680	1683	rBV3	71341	150113	0.20%	0.094%
41	12.256	1692	1698	1703	rVB3	76139	144362	0.19%	0.090%
42	12.317	1703	1708	1709	rBV3	34312	55222	0.07%	0.035%
43	12.353	1709	1714	1716	rBV2	48477	91398	0.12%	0.057%
44	12.469	1730	1733	1736	rBV3	18835	29553	0.04%	0.019%
45	12.518	1737	1741	1742	rVV3	36348	55139	0.07%	0.035%
46	12.548	1743	1746	1748	rVV3	65695	102318	0.14%	0.064%
47	12.573	1748	1750	1753	rVV	83046	110593	0.15%	0.069%
48	12.609	1753	1756	1761	rVV	63940	111465	0.15%	0.070%
49	12.658	1761	1764	1766	rVV	51470	60198	0.08%	0.038%
50	12.701	1766	1771	1777	rVB	192459	316526	0.42%	0.198%
51	12.798	1781	1787	1793	rVB3	93741	249800	0.33%	0.156%
52	12.871	1793	1799	1803	rBV	263022	459372	0.61%	0.288%
53	12.938	1803	1810	1817	rVV2	727014	1501302	2.01%	0.940%
54	12.999	1817	1820	1825	rVB3	50120	72652	0.10%	0.046%
55	13.109	1830	1838	1844	rBV3	120276	322764	0.43%	0.202%
56	13.170	1844	1848	1851	rBV2	113218	174338	0.23%	0.109%
57	13.255	1856	1862	1867	rBV	661855	1021676	1.37%	0.640%
58	13.298	1867	1869	1874	rVB	43974	53277	0.07%	0.033%
59	13.347	1874	1877	1878	rBV3	30664	32369	0.04%	0.020%
60	13.383	1880	1883	1885	rBV3	37082	47393	0.06%	0.030%
61	13.414	1885	1888	1890	rBV2	34172	43996	0.06%	0.028%
62	13.450	1890	1894	1897	rVB2	125212	183626	0.25%	0.115%
63	13.493	1897	1901	1904	rBV2	84728	120813	0.16%	0.076%
64	13.560	1908	1912	1915	rBV2	490379	833025	1.11%	0.522%
65	13.719	1930	1938	1940	rBV5	88578	191933	0.26%	0.120%
66	13.755	1940	1944	1947	rVV2	308336	555519	0.74%	0.348%
67	13.792	1947	1950	1956	rVV2	338999	698097	0.93%	0.437%
68	13.871	1956	1963	1969	rVV2	1153125	2374569	3.18%	1.487%
69	13.950	1973	1976	1980	rVV	152713	282268	0.38%	0.177%
70	14.017	1982	1987	1988	rVV	239515	392610	0.53%	0.246%
71	14.042	1988	1991	1996	rVV	279267	540079	0.72%	0.338%

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72	14.097	1996	2000	2009	rVV	404548	746525	1.00%	0.468%
73	14.206	2012	2018	2023	rVV2	202318	345887	0.46%	0.217%
74	14.261	2023	2027	2034	rVV7	65159	154032	0.21%	0.096%
75	14.341	2034	2040	2045	rVV4	161829	343557	0.46%	0.215%
76	14.389	2045	2048	2050	rVV3	170157	255404	0.34%	0.160%
77	14.426	2050	2054	2056	rVV2	282526	480963	0.64%	0.301%
78	14.462	2056	2060	2063	rVV	321611	500342	0.67%	0.313%
79	14.499	2063	2066	2070	rVV2	176785	273863	0.37%	0.172%
80	14.542	2071	2073	2080	rVB4	62740	100335	0.13%	0.063%
81	14.639	2086	2089	2093	rVB2	32252	44742	0.06%	0.028%
82	14.688	2093	2097	2099	rBV2	66364	99120	0.13%	0.062%
83	14.725	2099	2103	2109	rVB	569853	805019	1.08%	0.504%
84	14.798	2109	2115	2120	rBV2	241958	555140	0.74%	0.348%
85	14.962	2139	2142	2147	rVB4	22918	38869	0.05%	0.024%
86	15.005	2147	2149	2154	rVB5	10489	13696	0.02%	0.009%
87	15.066	2155	2159	2166	rVB3	39201	66781	0.09%	0.042%
88	15.164	2169	2175	2179	rBV6	40958	89907	0.12%	0.056%
89	15.212	2180	2183	2185	rVB	19449	20760	0.03%	0.013%
90	15.249	2185	2189	2197	rVB3	71436	157380	0.21%	0.099%
91	15.322	2197	2201	2206	rBV2	107277	200233	0.27%	0.125%
92	15.554	2234	2239	2248	rVB	354309	537682	0.72%	0.337%
93	15.663	2248	2257	2263	rBV8	30598	104984	0.14%	0.066%
94	16.005	2309	2313	2316	rBV4	16843	31271	0.04%	0.020%
95	16.096	2323	2328	2331	rBV2	19389	31772	0.04%	0.020%
96	16.139	2332	2335	2343	rVV6	22726	51308	0.07%	0.032%
97	16.218	2344	2348	2354	rVV4	29756	56580	0.08%	0.035%
98	16.285	2354	2359	2369	rVB	31851	70648	0.09%	0.044%
99	16.499	2388	2394	2406	rVB	99457	195243	0.26%	0.122%
100	16.615	2409	2413	2419	rVV9	6955	16260	0.02%	0.010%

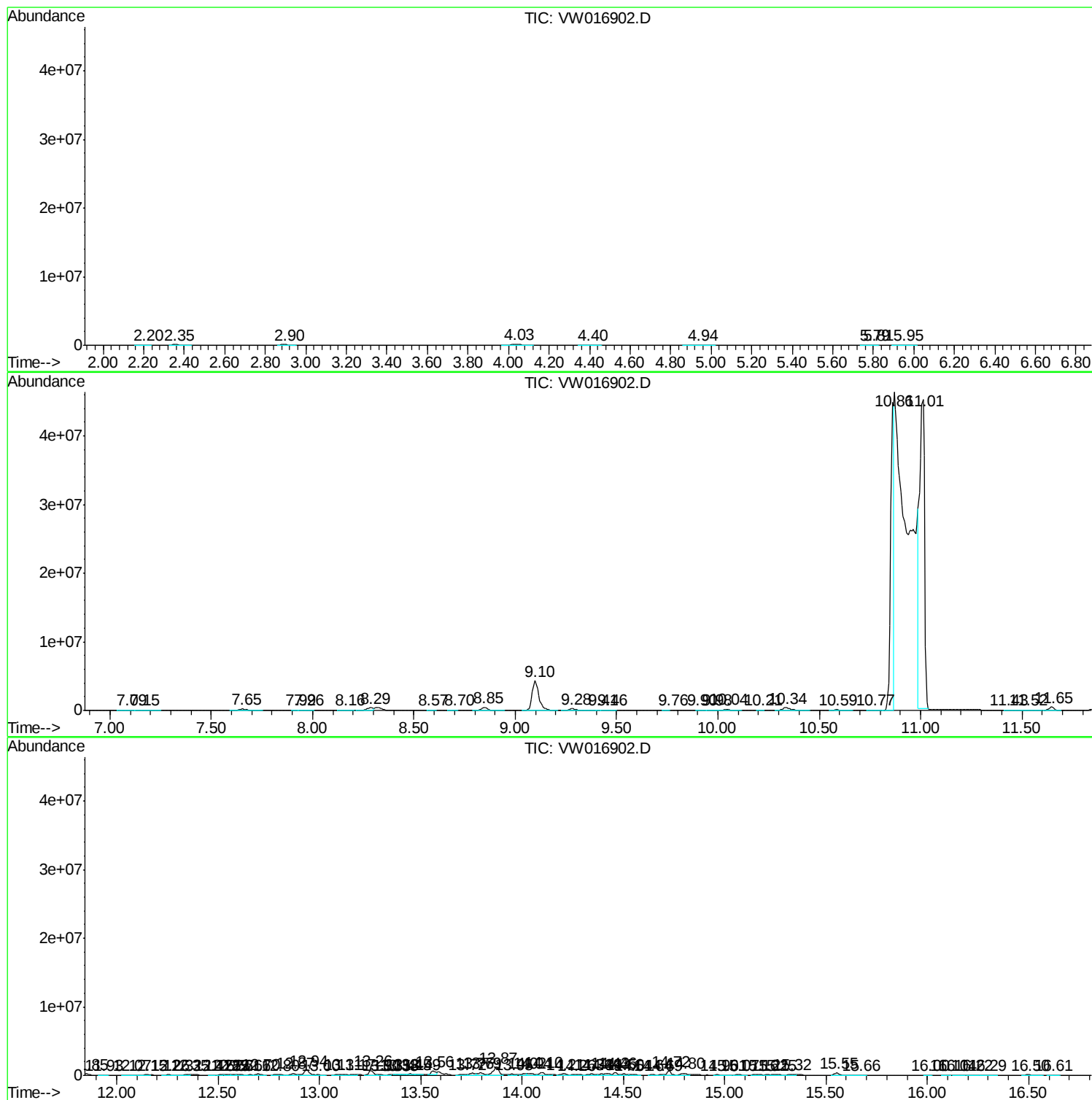
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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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



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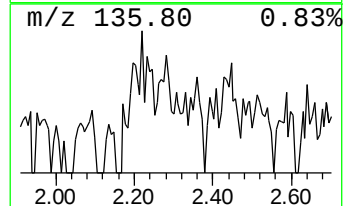
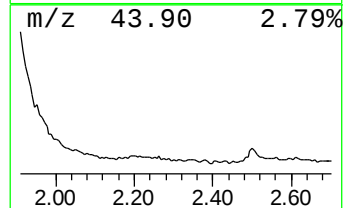
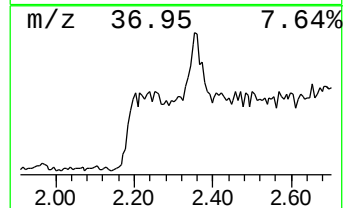
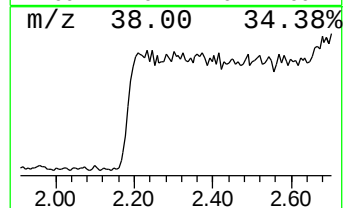
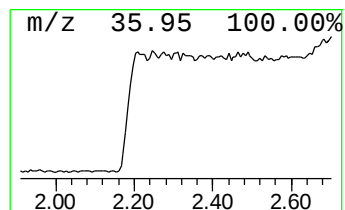
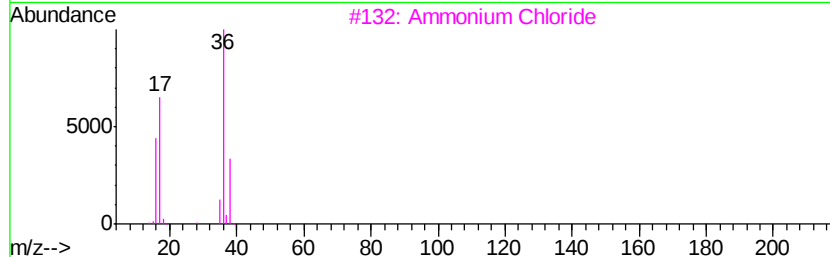
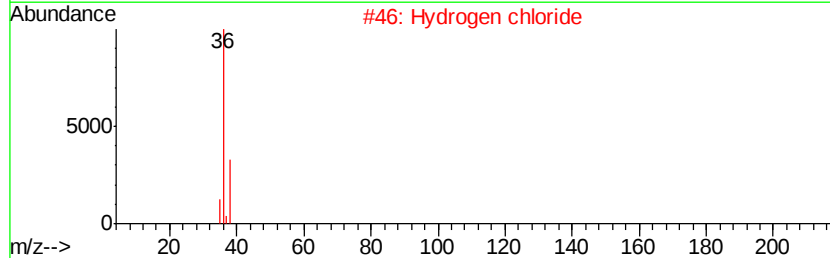
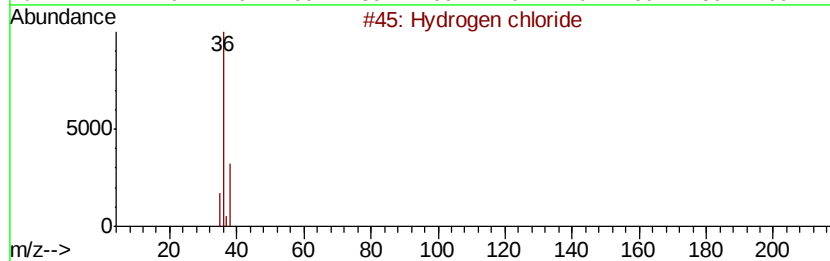
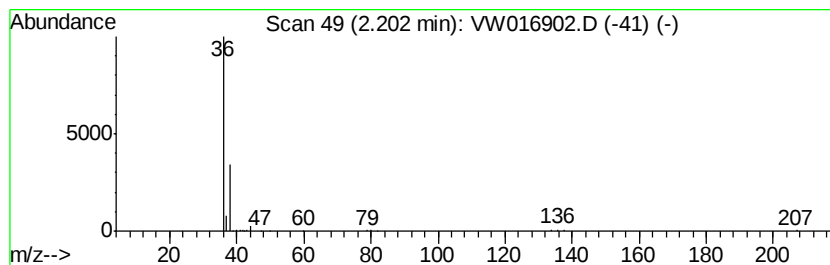
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	3.02 ug/L	113869	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrogen chloride	36	ClH	007647-01-0	9
2			Hydrogen chloride	36	ClH	007647-01-0	9
3			Ammonium Chloride	53	ClH4N	012125-02-9	4
4			2,4(1H,3H)-Pyrimidinedione, 6-ch...	191	C4H2ClN3O4	006630-30-4	2
5			1H-Imidazole-1-ethanol, .alpha.-...	126	C6H10N2O	037788-55-9	2



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
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Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

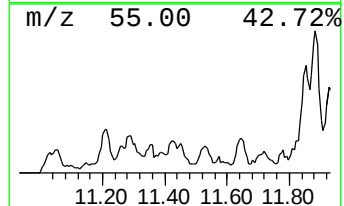
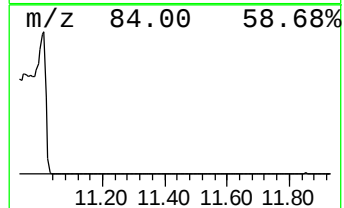
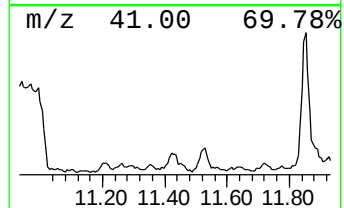
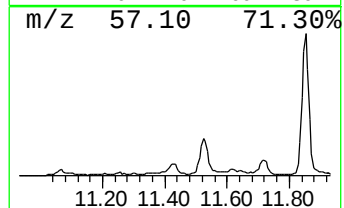
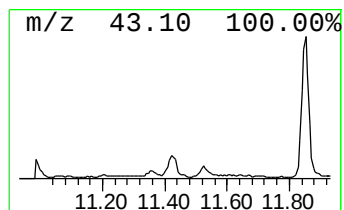
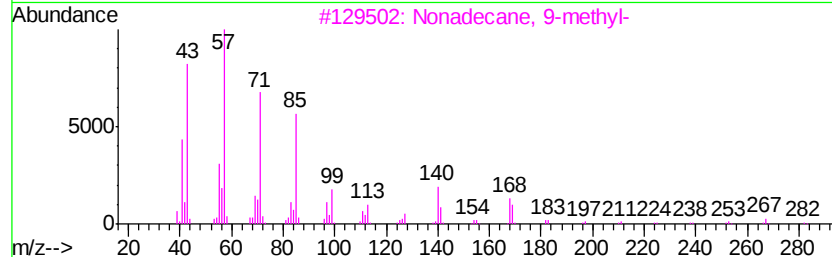
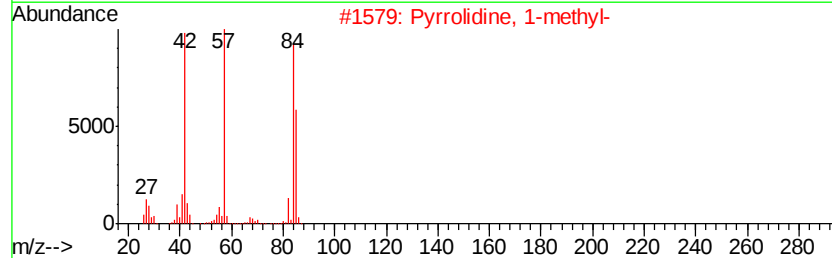
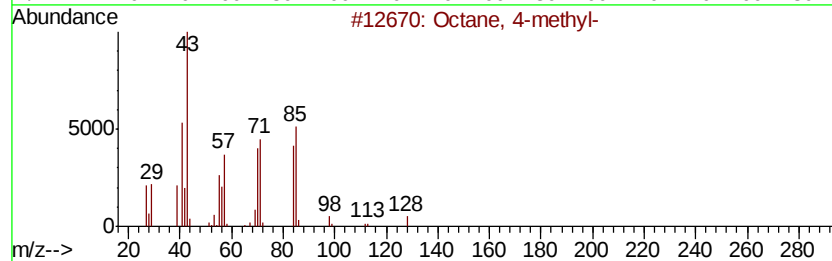
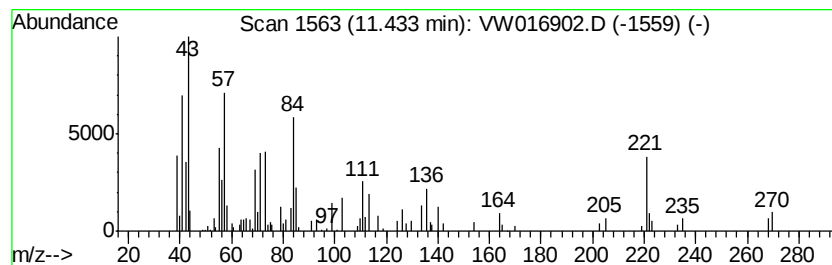
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.43	2.50 ug/L	84237	Chlorobenzene-d5	11.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	50
2	Pyrrolidine, 1-methyl-	85	C5H11N	000120-94-5	38
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	38
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	38
5	Nonadecane	268	C19H40	000629-92-5	38



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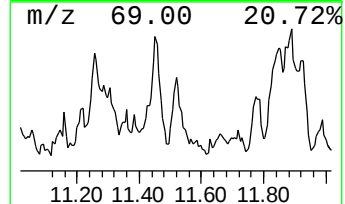
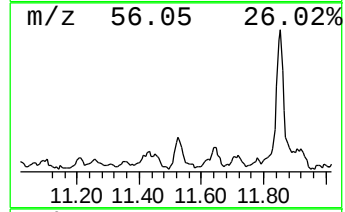
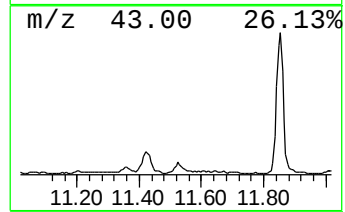
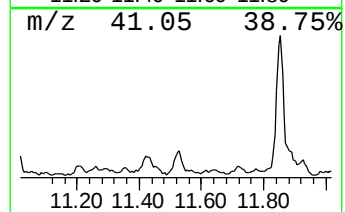
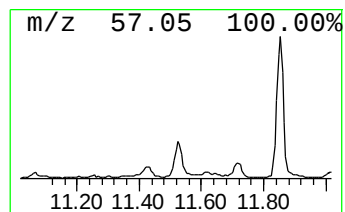
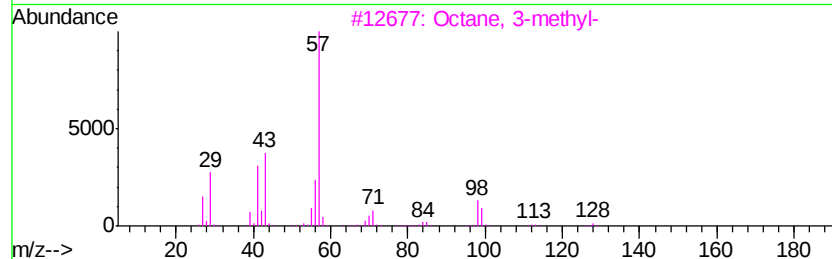
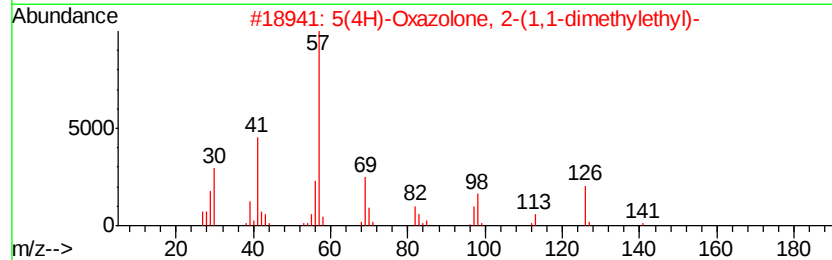
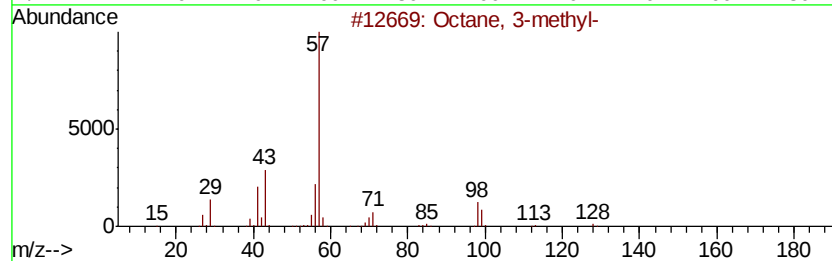
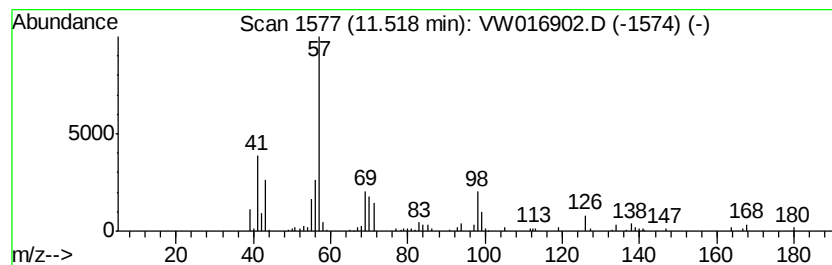
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.02 ug/L	68087	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2		5(4H)-Oxazolone, 2-(1,1-dimethyl...	141	C7H11N2O	081375-96-4	53
3		Octane, 3-methyl-	128	C9H20	002216-33-3	52
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
5		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

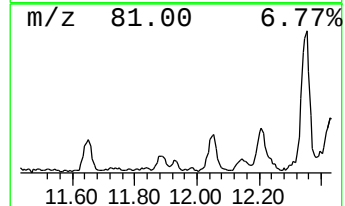
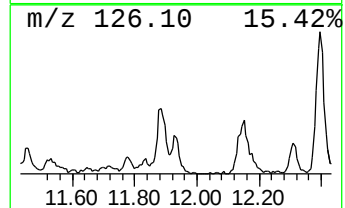
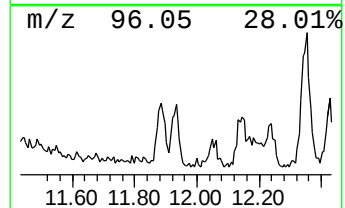
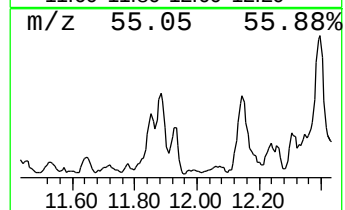
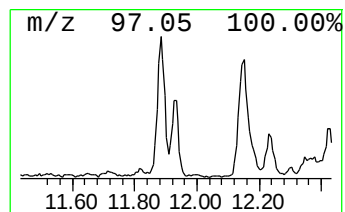
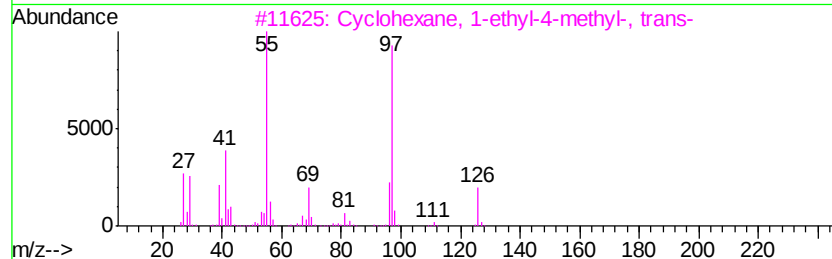
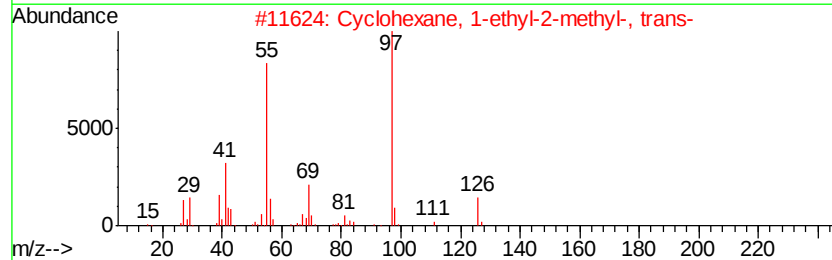
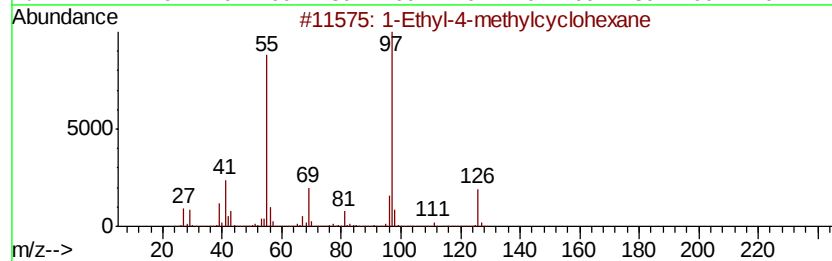
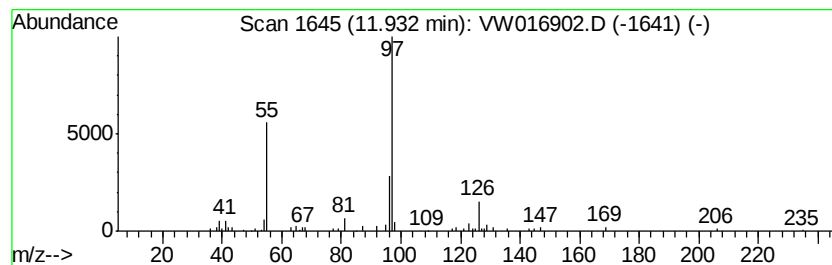
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	1.45 ug/L	48999	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	50
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	50
5		4-Octen-3-one	126	C8H14O	014129-48-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW016902\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

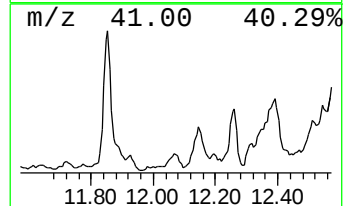
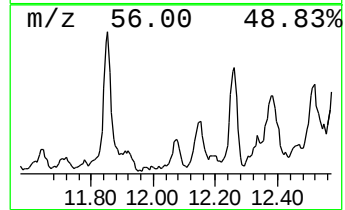
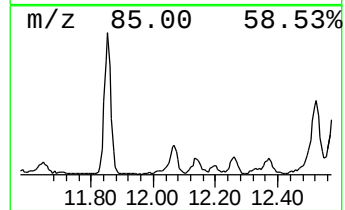
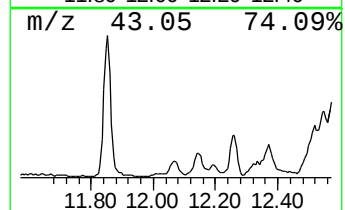
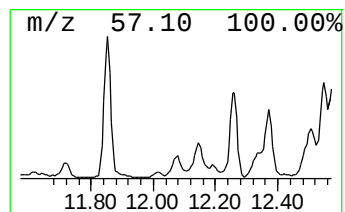
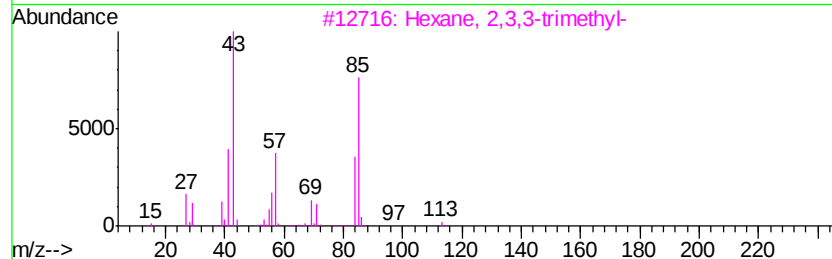
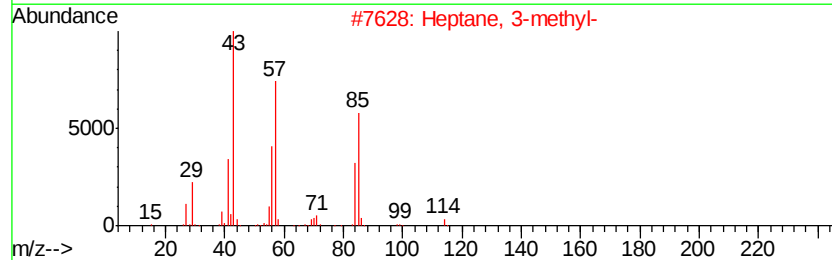
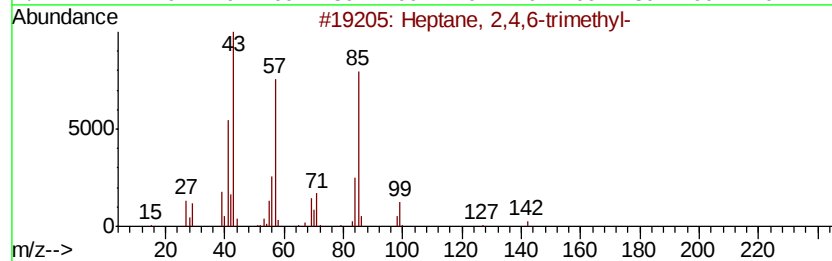
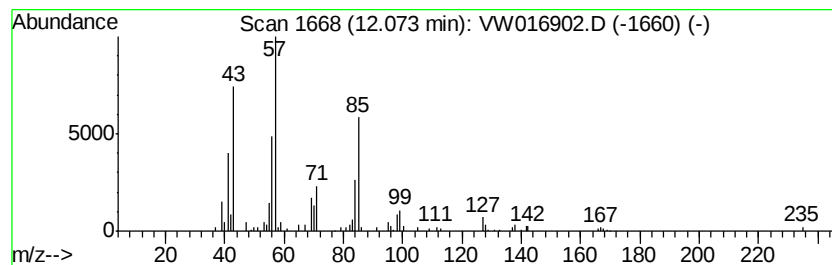
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	1.30 ug/L	43823	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	74
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53
4		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50
5		4,4-Dimethyl octane	142	C10H22	015869-95-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

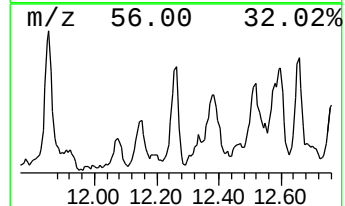
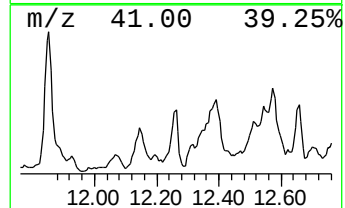
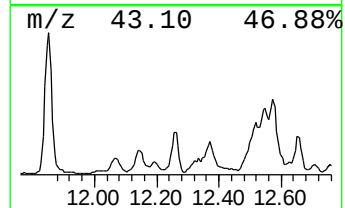
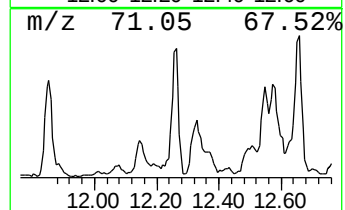
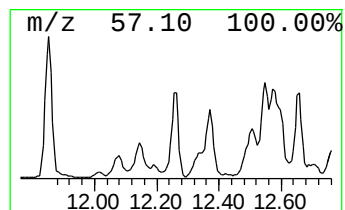
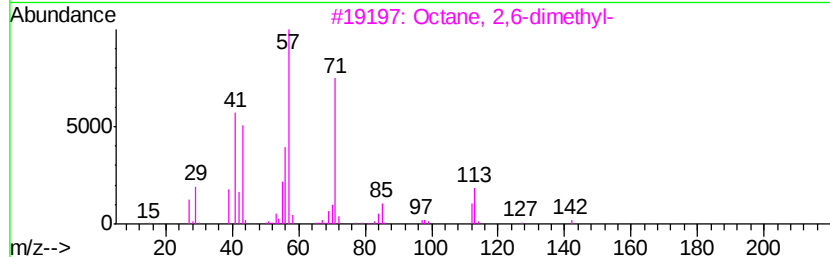
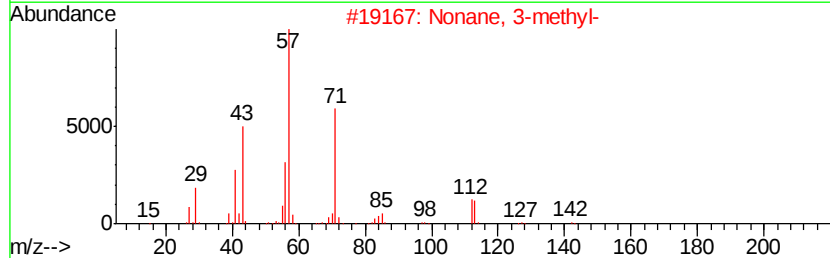
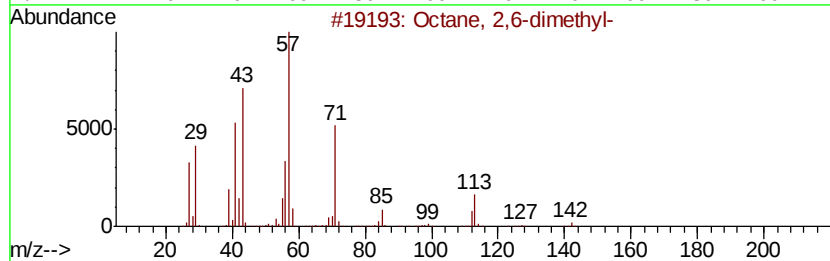
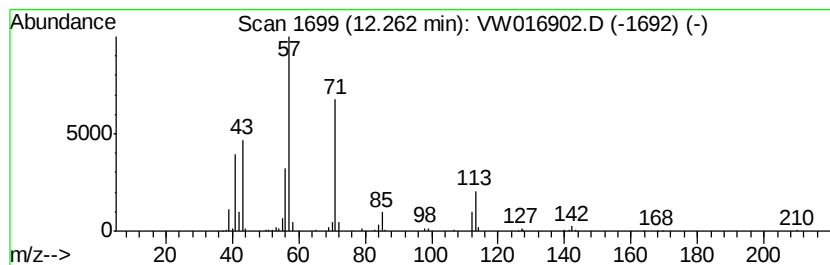
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.28 ug/L	144362	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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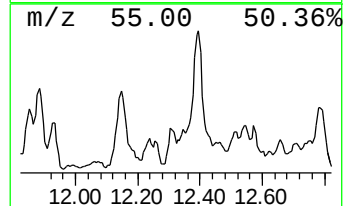
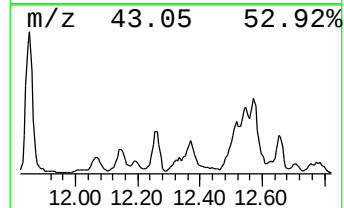
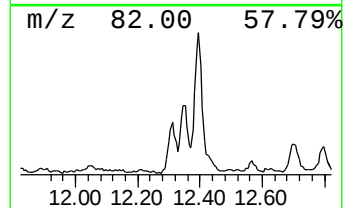
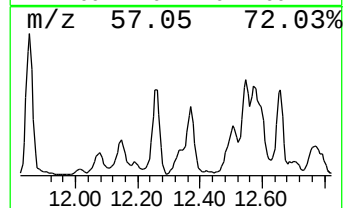
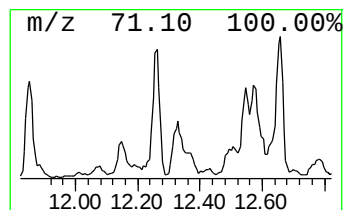
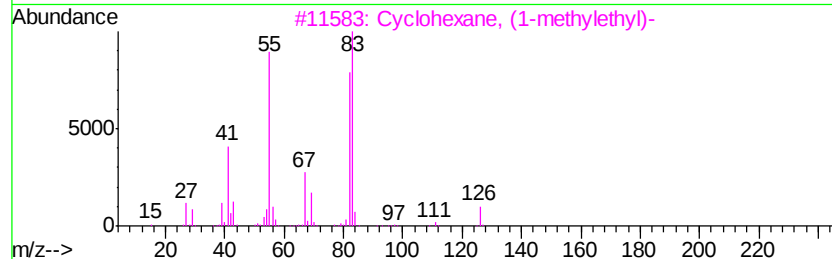
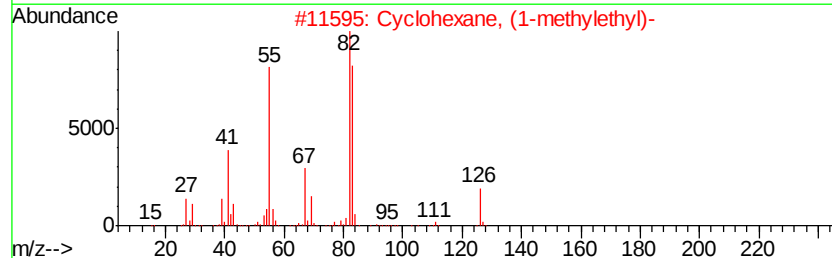
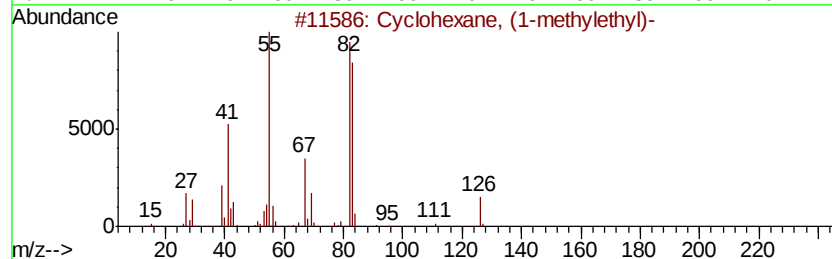
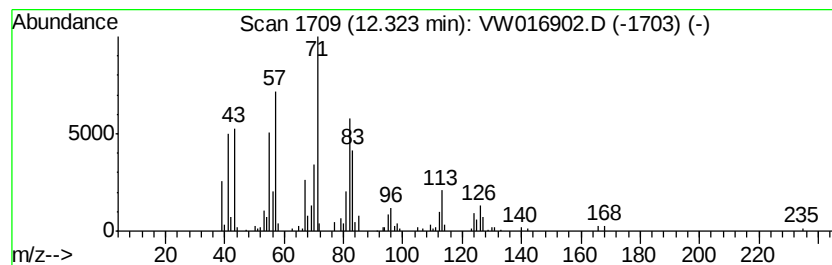
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Cyclic12.32 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	1.64 ug/L	55222	Chlorobenzene-d5	11.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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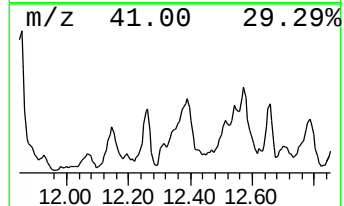
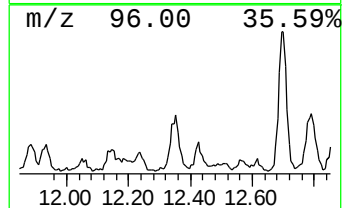
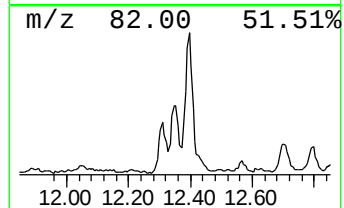
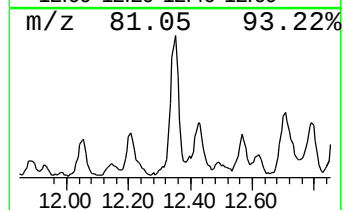
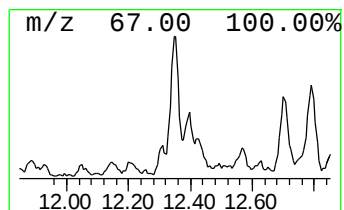
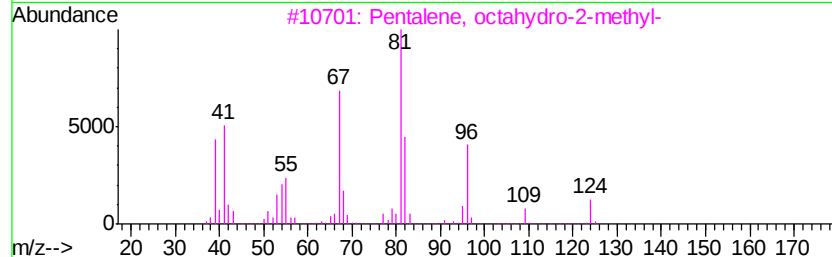
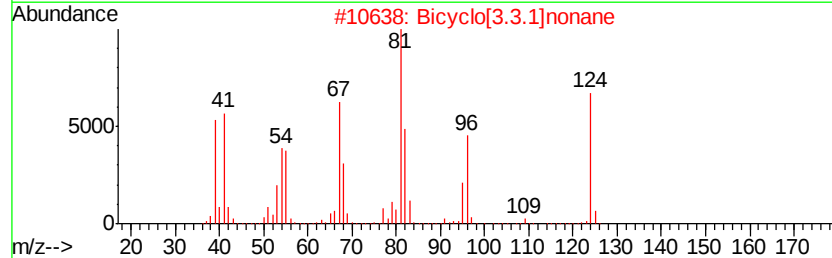
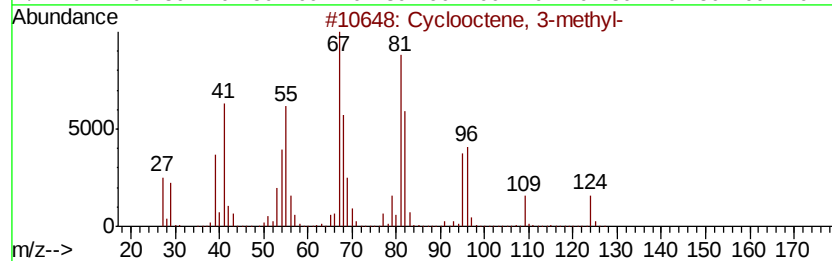
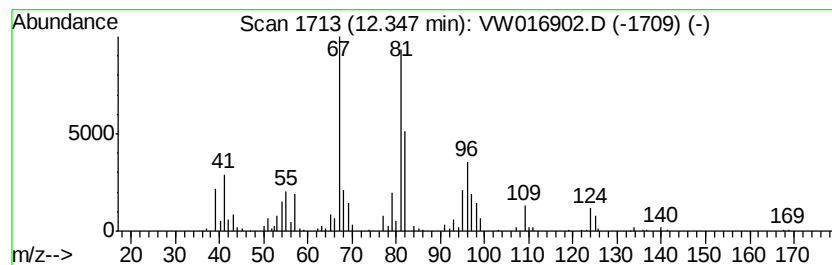
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Quant Title : VOC Analysis

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

Peak Number 11 Cyclooctene, 3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.71 ug/L	91398	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	72
2		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	64
3		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	62
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
5		1-Pentadecyne	208	C15H28	000765-13-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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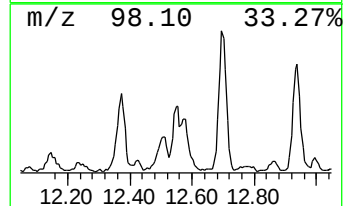
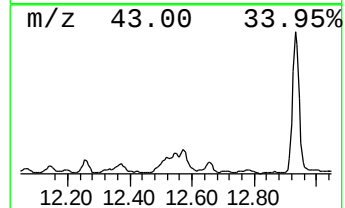
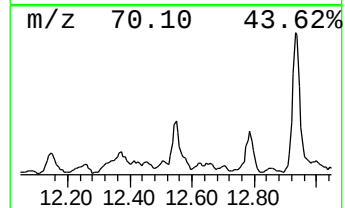
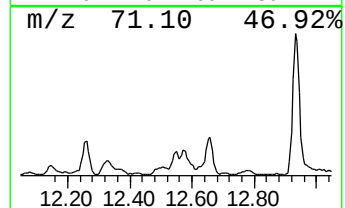
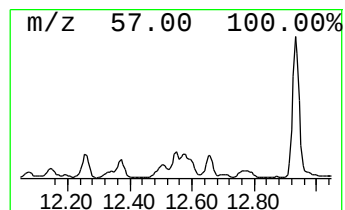
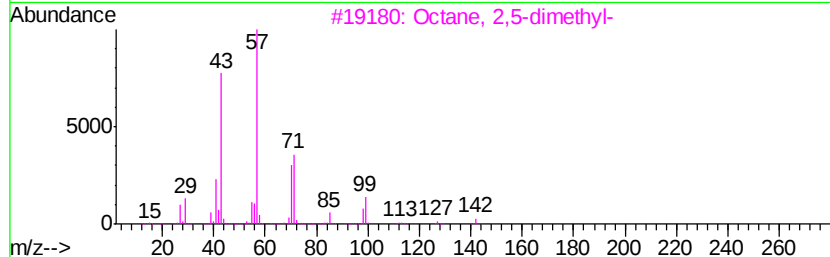
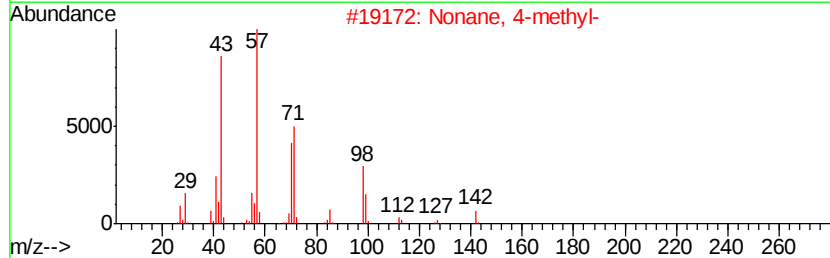
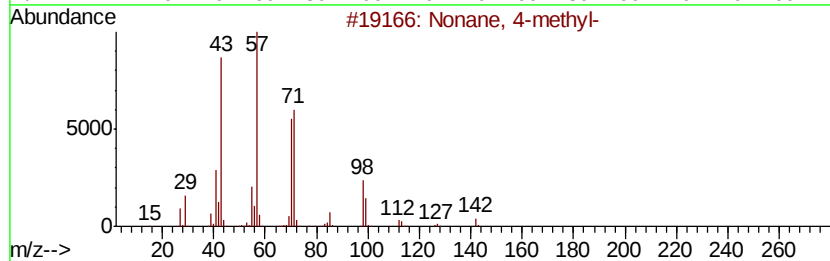
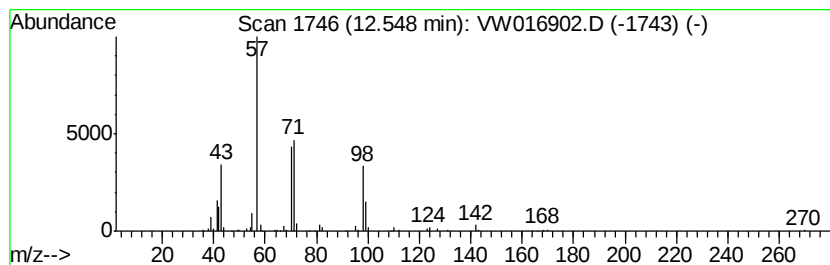
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.04 ug/L	102318	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	80
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	72
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	45
5		Hept-5-one-1-lic acid, 4,4-dimet...	200	C11H20O3	1000129-16-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW016902\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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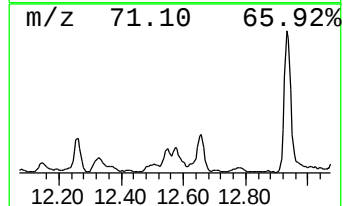
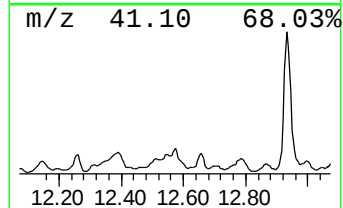
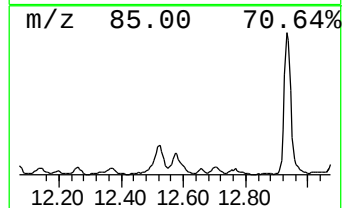
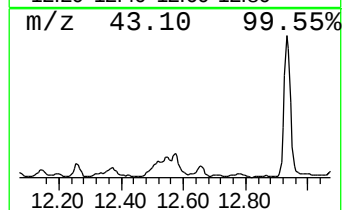
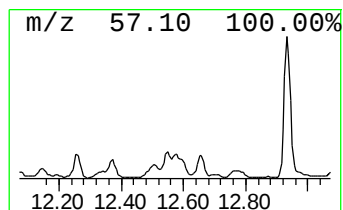
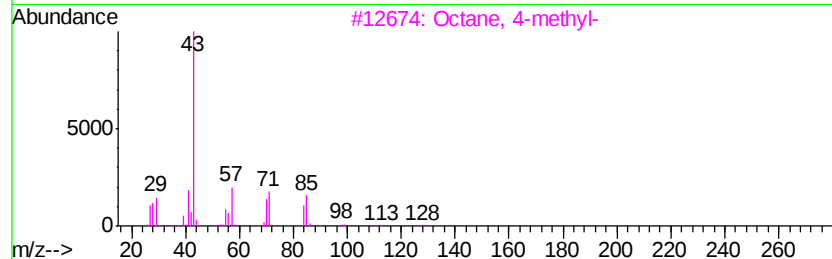
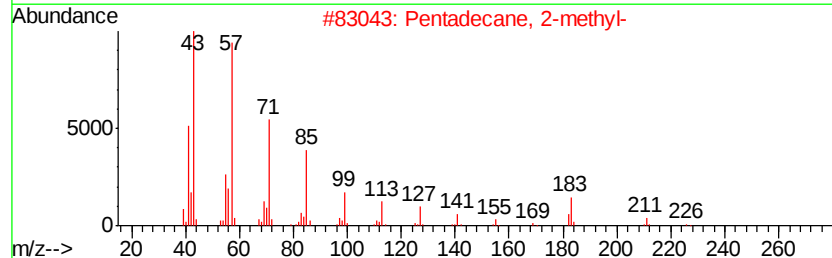
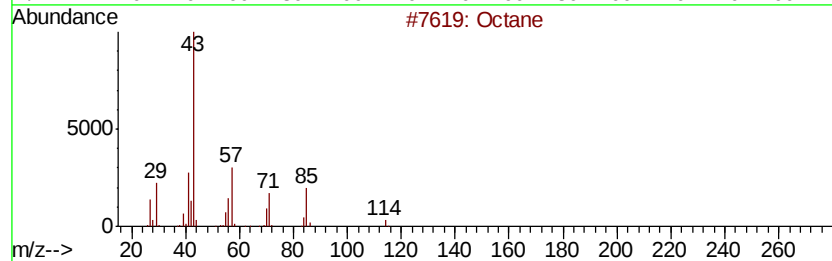
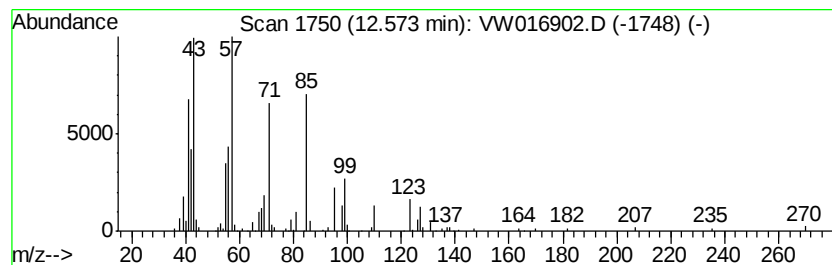
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.28 ug/L	110593	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	43
2		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	43
3		Octane, 4-methyl-	128	C9H20	002216-34-4	38
4		Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	35
5		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

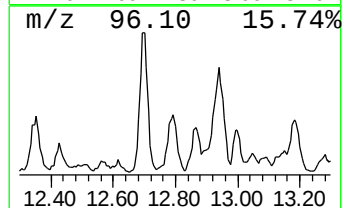
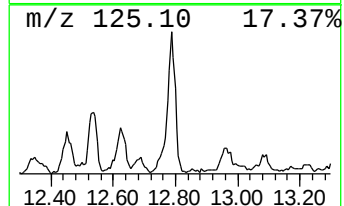
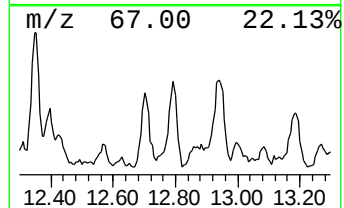
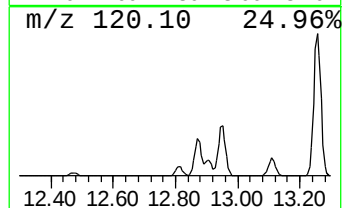
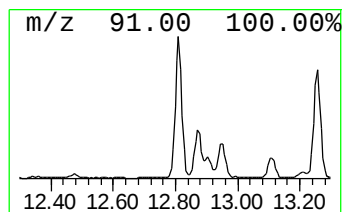
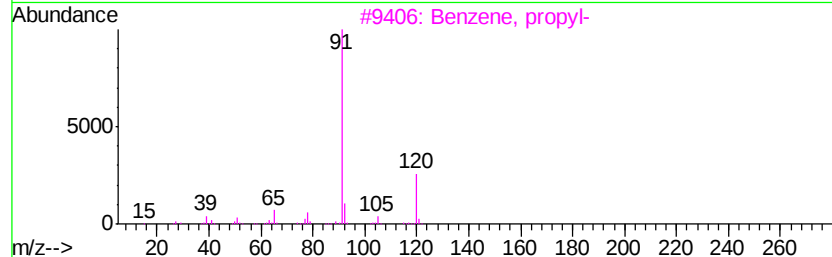
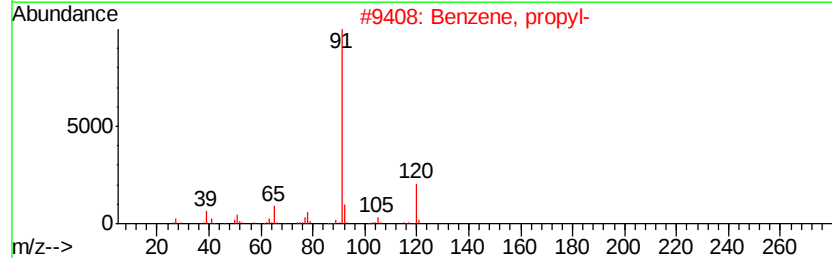
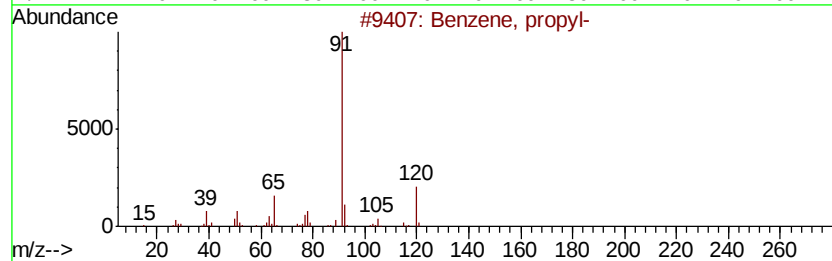
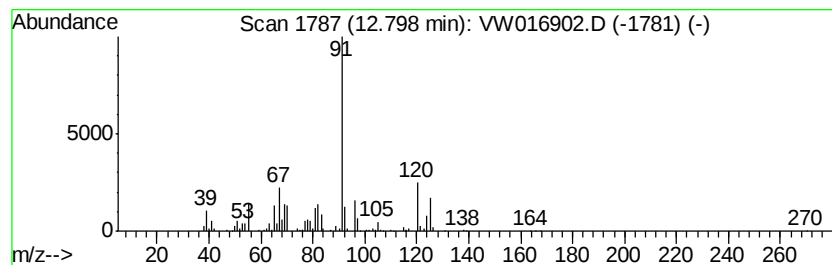
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Quant Title : VOC Analysis

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

Peak Number 15 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	7.50 ug/L	249800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	42
2		Benzene, propyl-	120	C9H12	000103-65-1	42
3		Benzene, propyl-	120	C9H12	000103-65-1	30
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	27
5		1-Benzylamino-2-benzylloxyethane	241	C16H19NO	038336-06-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

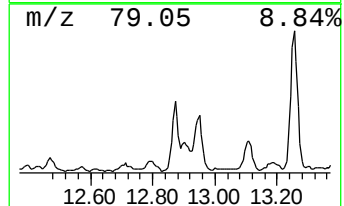
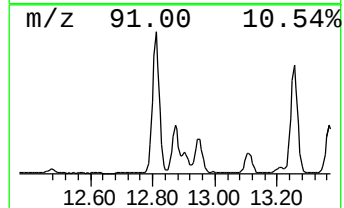
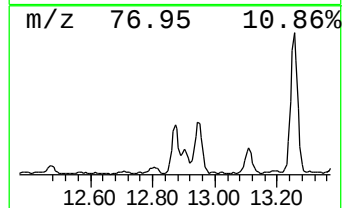
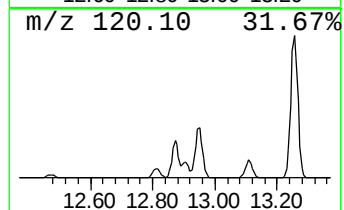
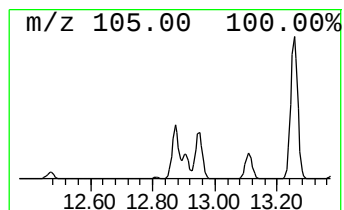
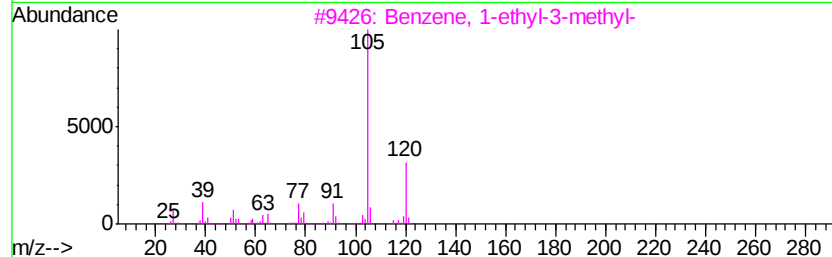
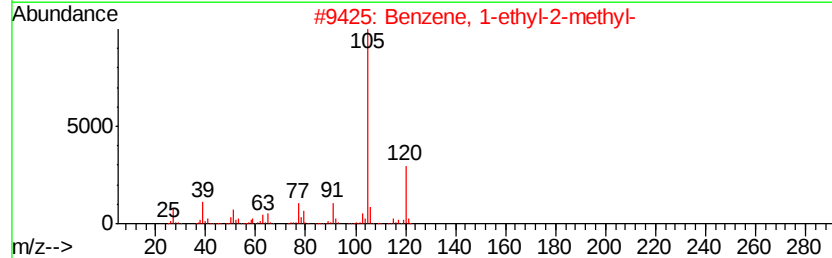
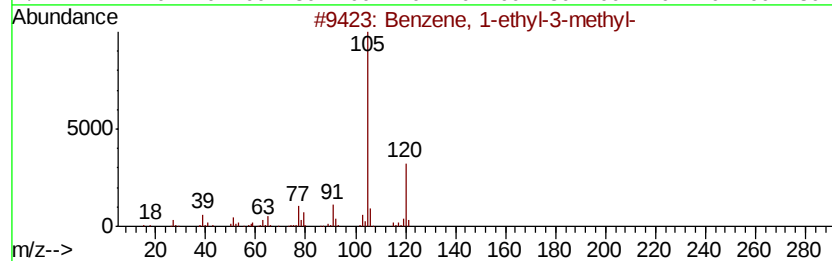
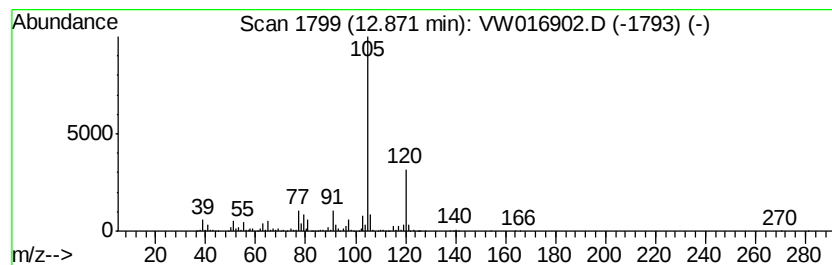
Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	13.79 ug/L	459372	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
3		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
4		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
5		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

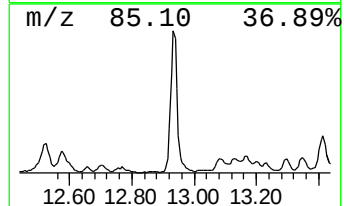
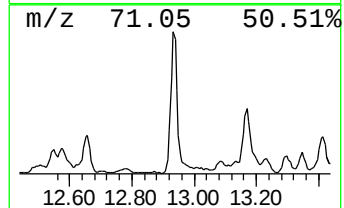
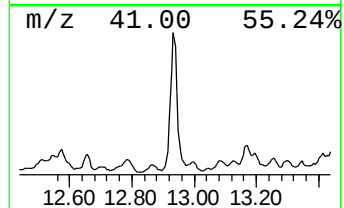
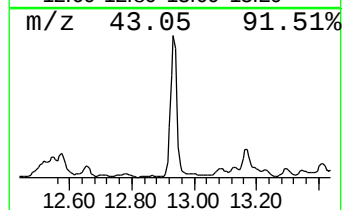
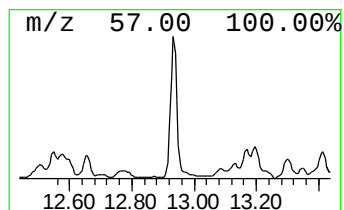
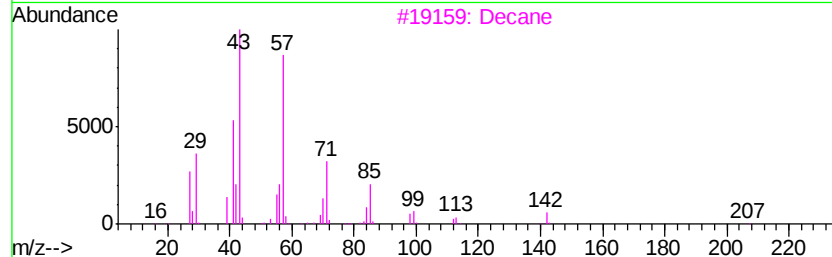
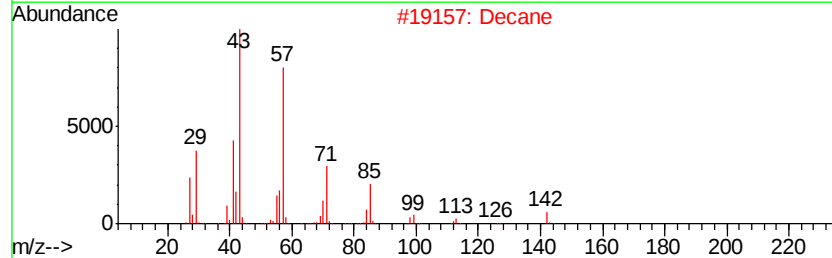
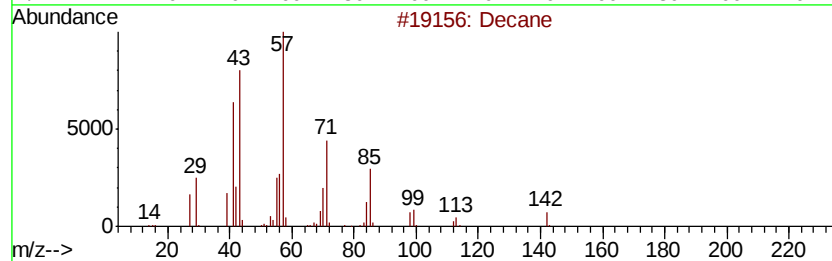
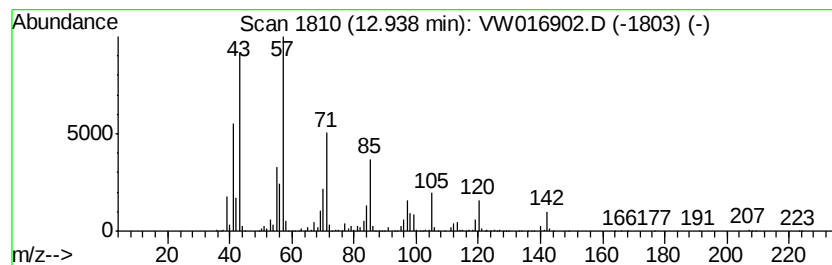
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	45.06 ug/L	1501300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Decane	142	C10H22	000124-18-5	93
3		Decane	142	C10H22	000124-18-5	93
4		Decane	142	C10H22	000124-18-5	70
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
 Data File : VW016902.D
 Acq On : 14 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4382-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0

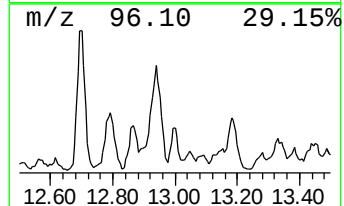
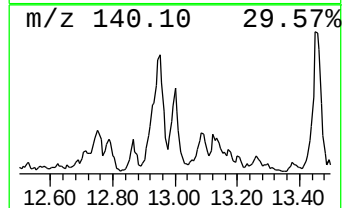
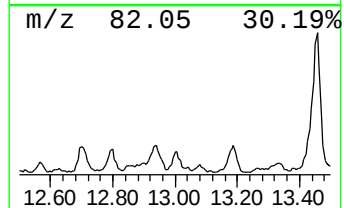
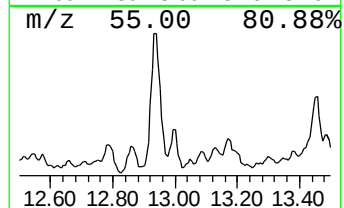
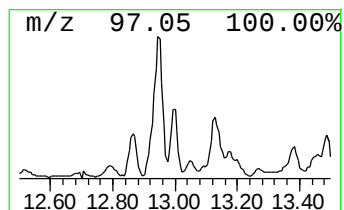
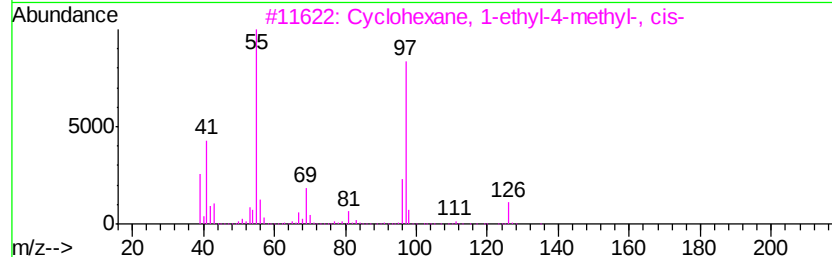
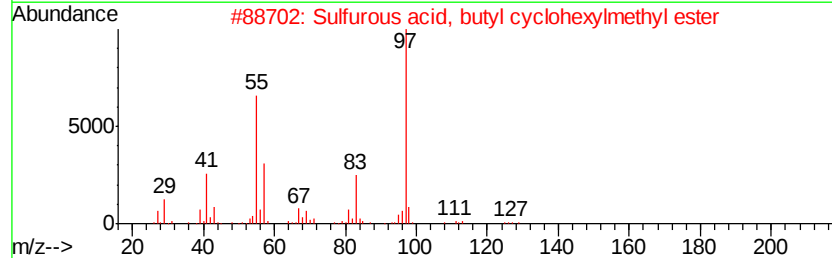
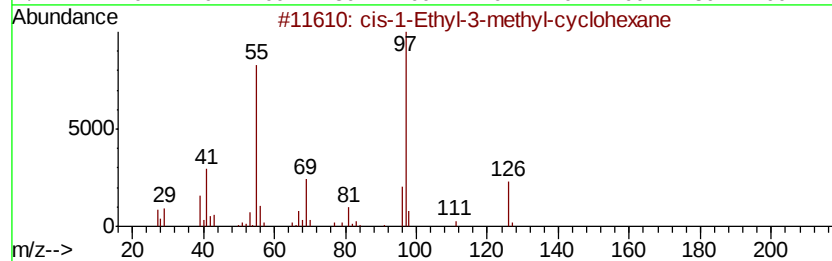
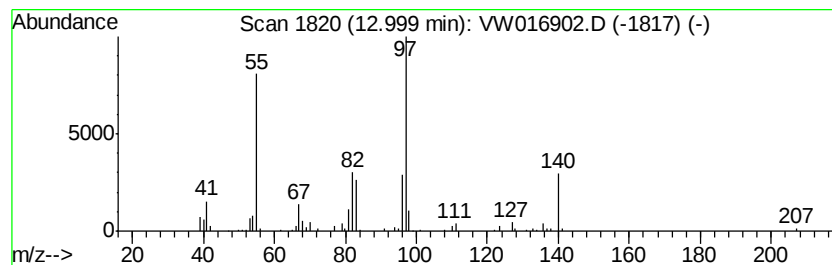
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 Quant Title : VOC Analysis

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

 Peak Number 18 (DEL) Alkane: Cyclic13.00 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.18 ug/L	72652	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50
2		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	50
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4		Cycloheptanemethanol	128	C8H16O	004448-75-3	50
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG3Y0

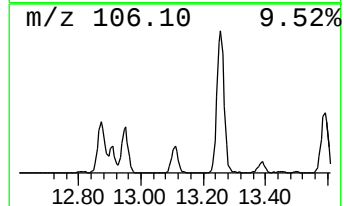
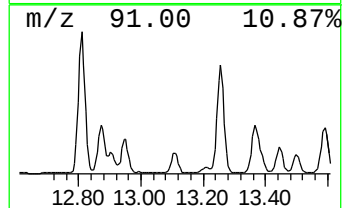
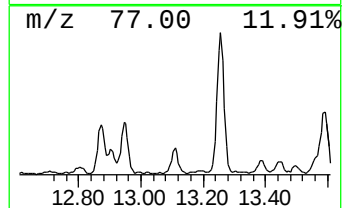
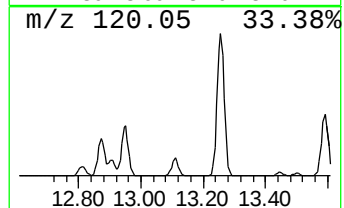
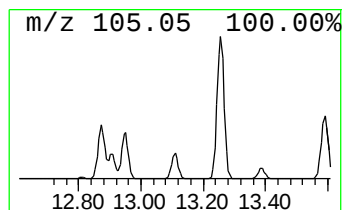
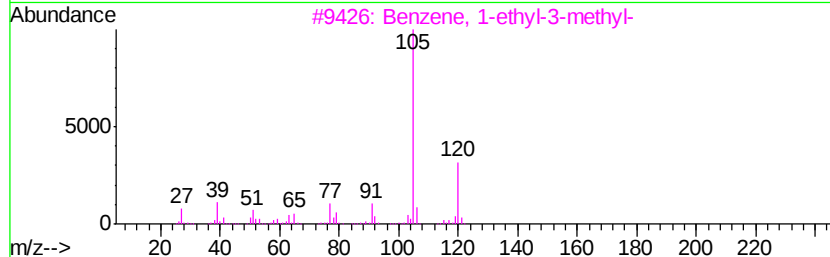
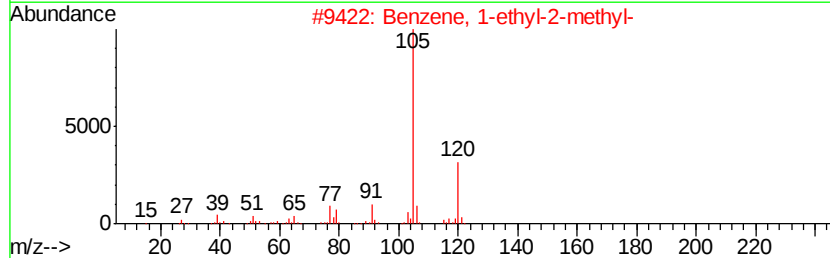
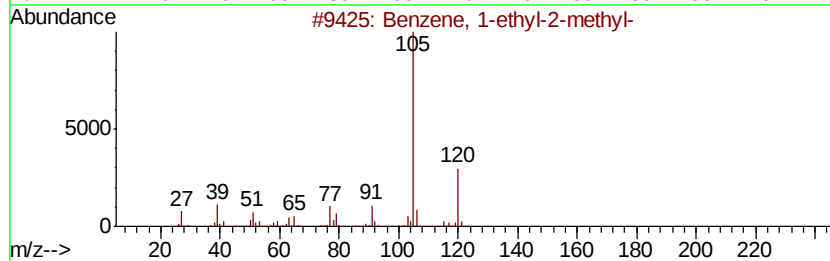
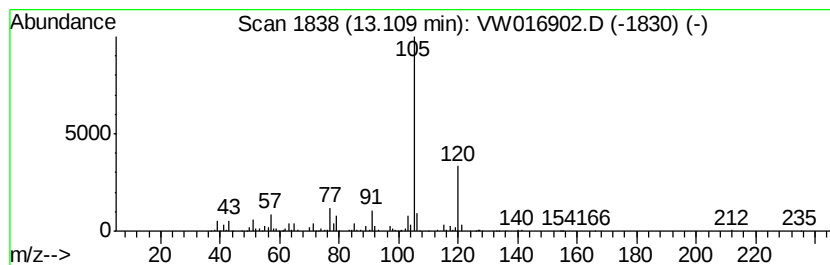
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	9.69 ug/L	322764	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

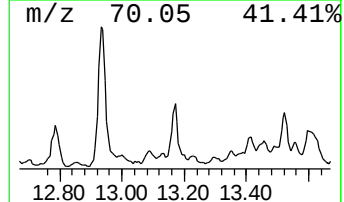
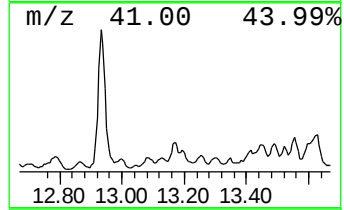
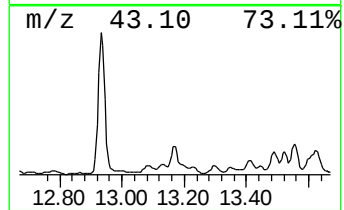
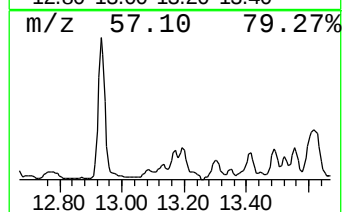
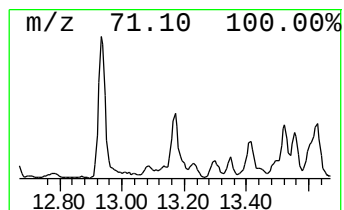
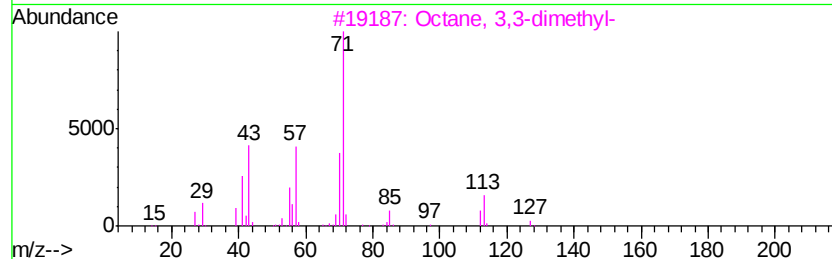
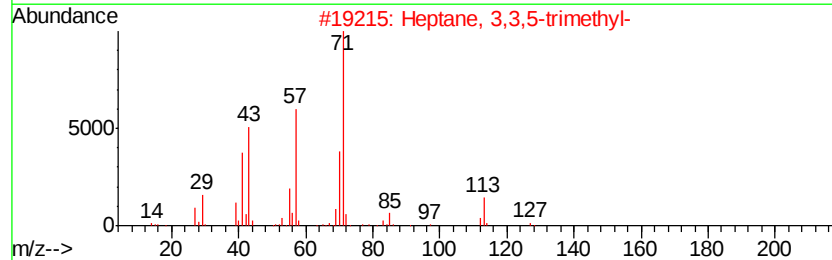
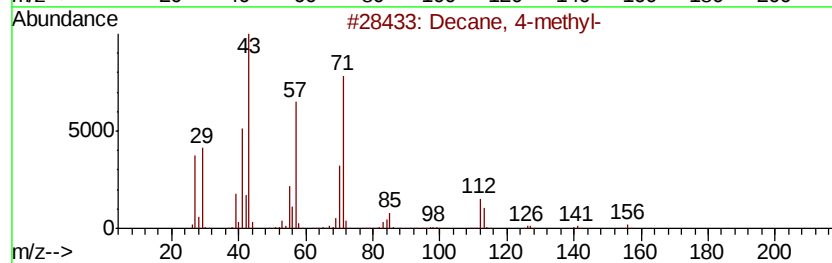
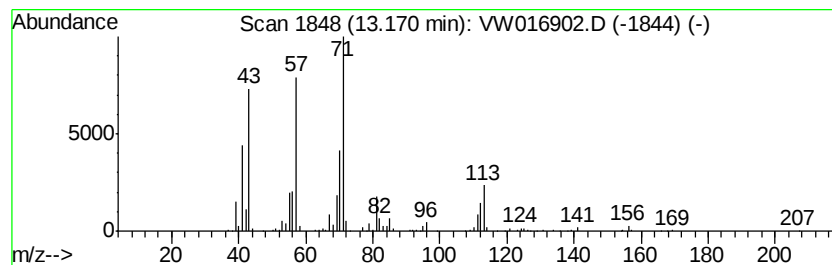
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.23 ug/L	174338	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	72
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

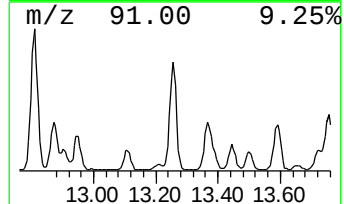
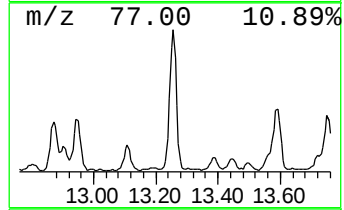
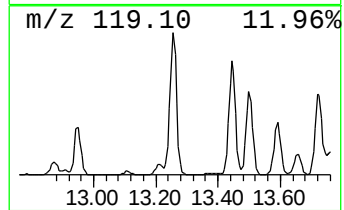
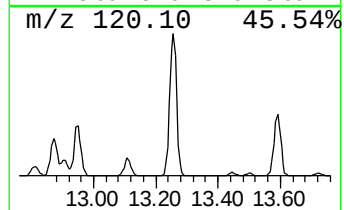
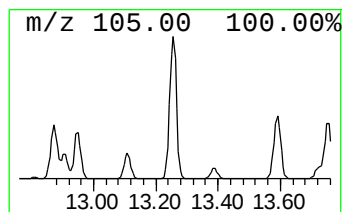
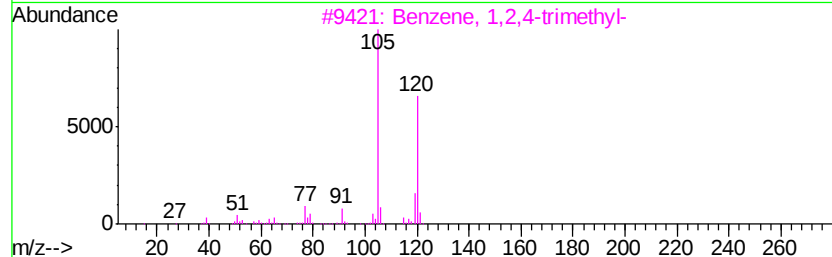
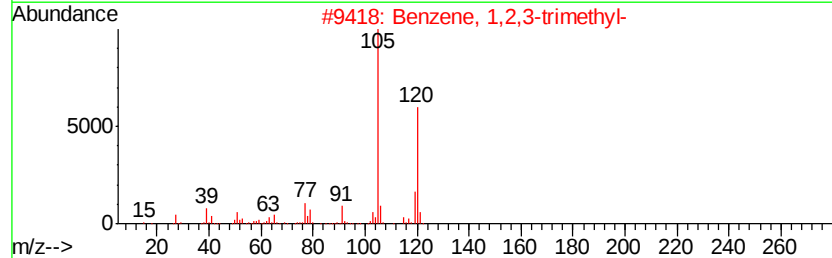
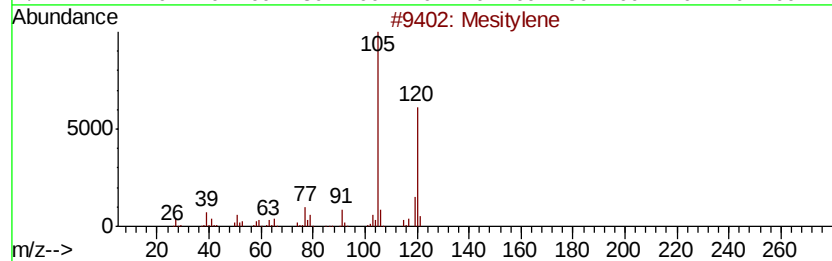
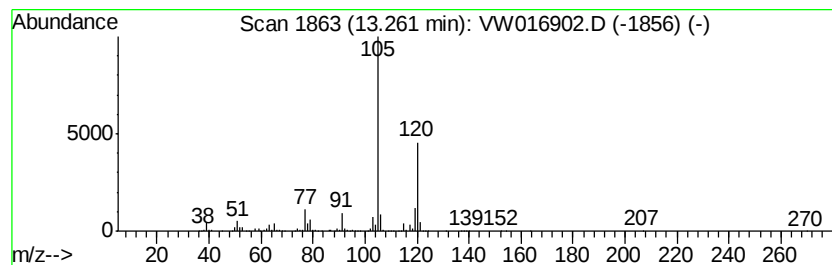
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Quant Title : VOC Analysis

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

Peak Number 21 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	30.66 ug/L	1021680	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

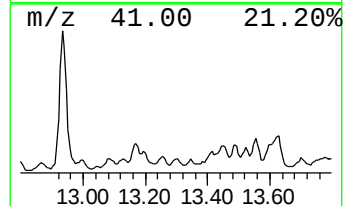
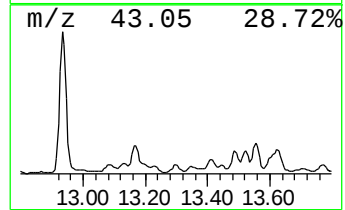
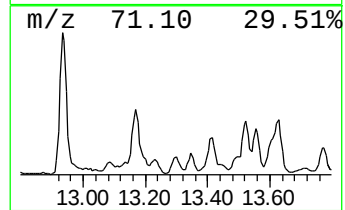
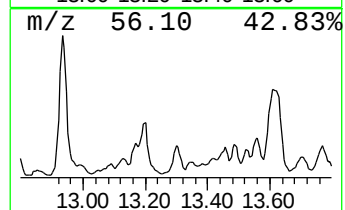
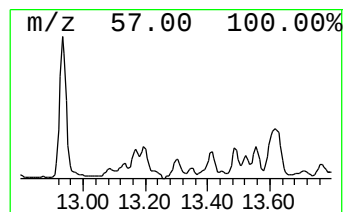
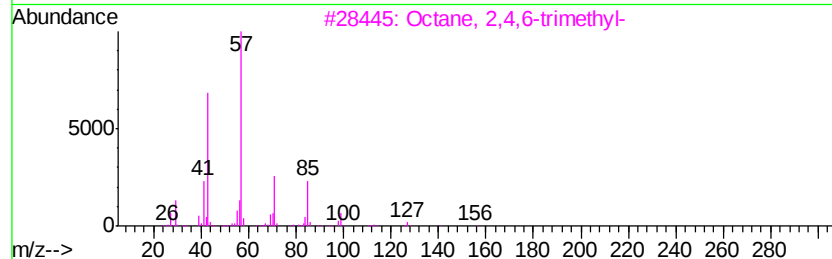
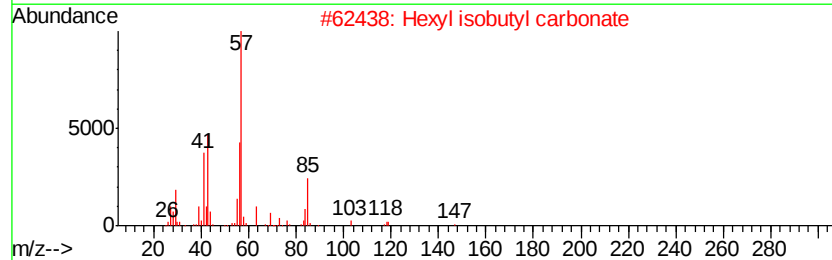
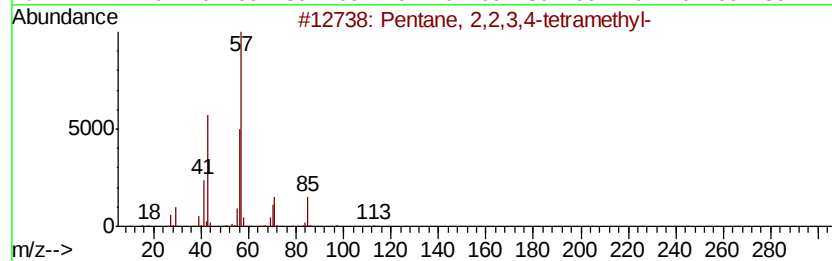
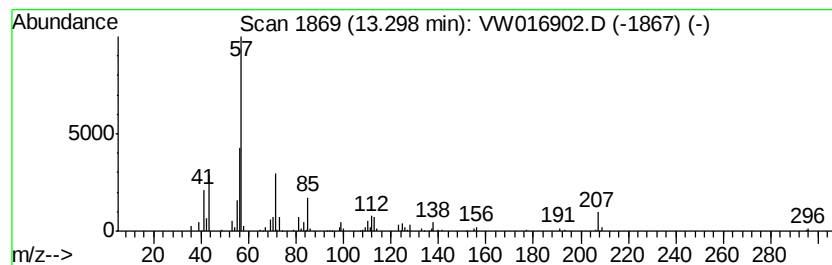
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.60 ug/L	53277	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
2			Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	47
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
4			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	27
5			Pentadecane	212	C15H32	000629-62-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

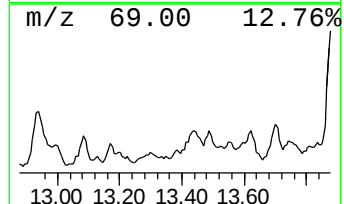
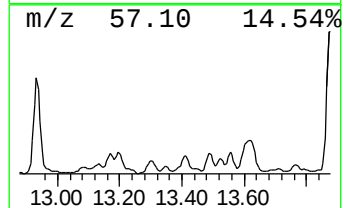
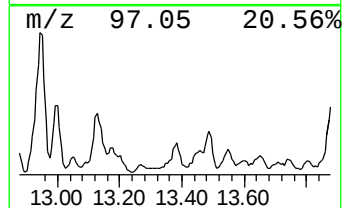
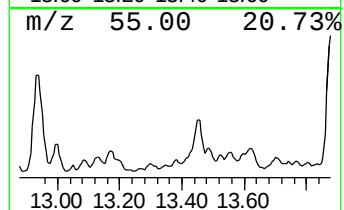
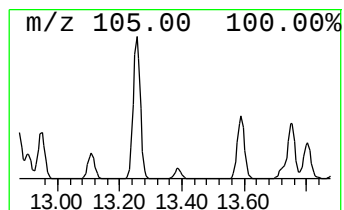
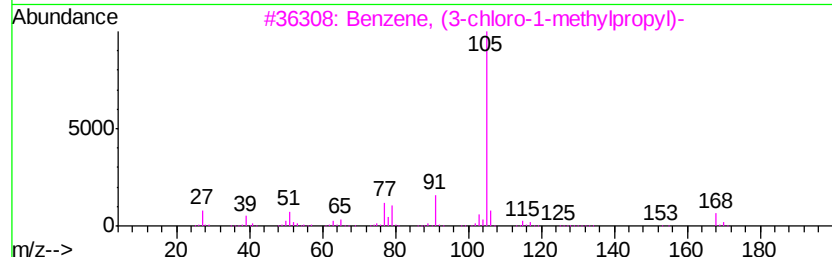
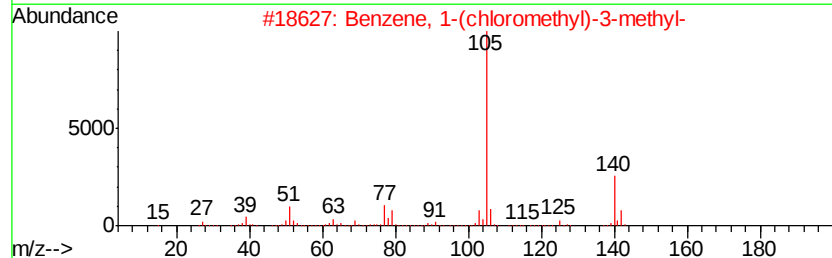
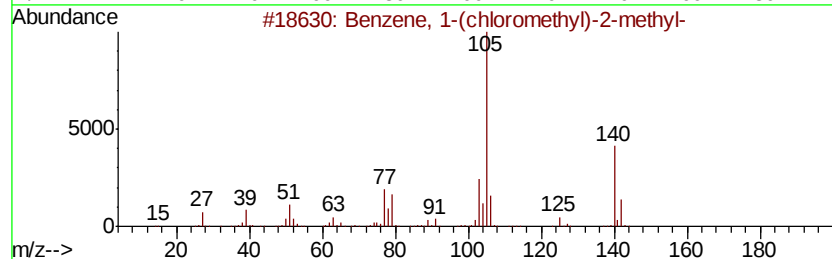
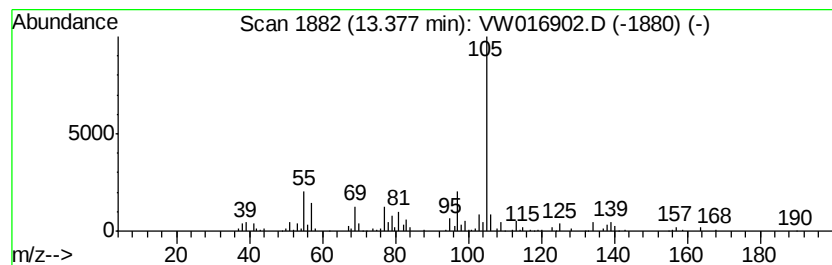
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Quant Title : VOC Analysis

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

Peak Number 23 unknown-03 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	1.42 ug/L	47393	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(chloromethyl)-2-methyl-	140	C8H9Cl	000552-45-4	43
2		Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	38
3		Benzene, (3-chloro-1-methylpropyl)-	168	C10H13Cl	013556-61-1	38
4		Benzene, (2-chloro-1-methylethyl)-	154	C9H11Cl	000824-47-5	38
5		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

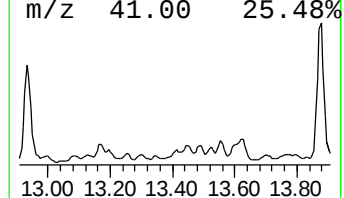
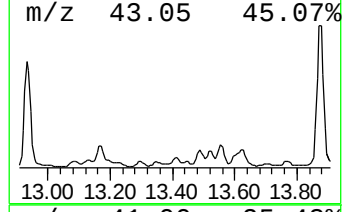
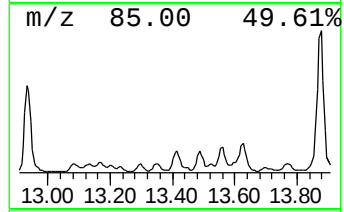
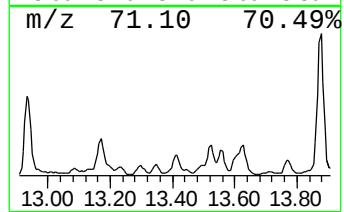
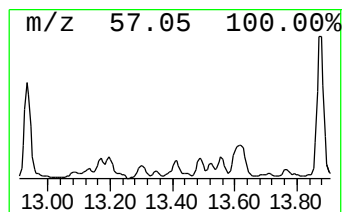
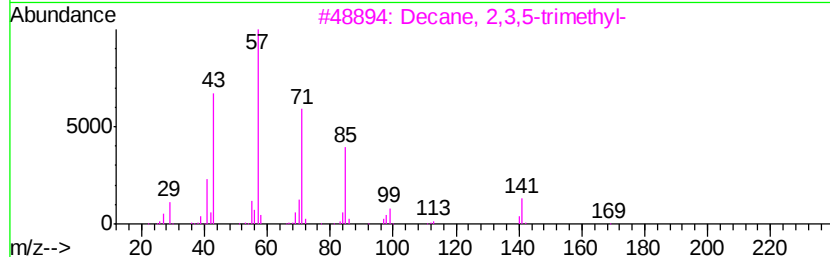
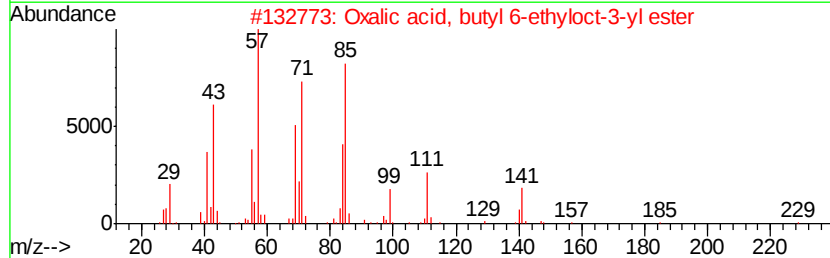
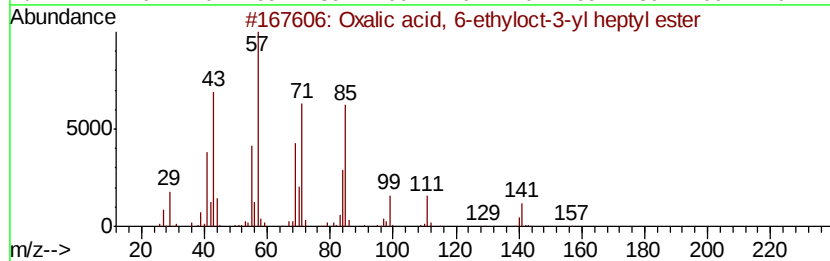
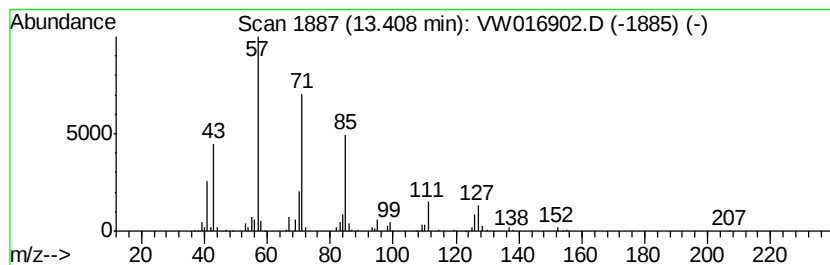
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Quant Title : VOC Analysis

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

Peak Number 24 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	1.32 ug/L	43996	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	64
2			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	64
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
4			1-Iodoundecane	282	C11H23I	004282-44-4	47
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

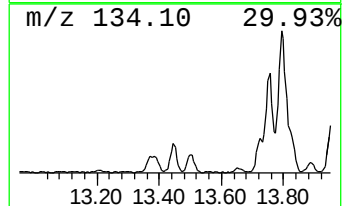
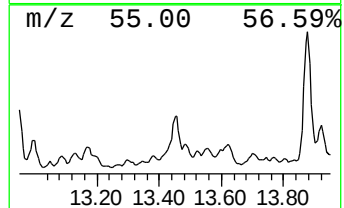
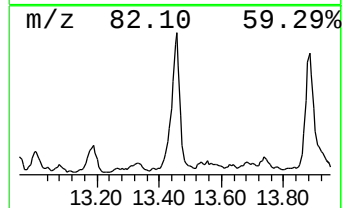
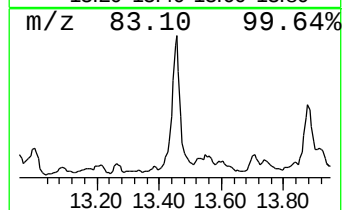
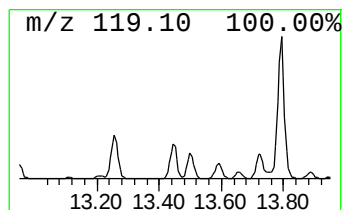
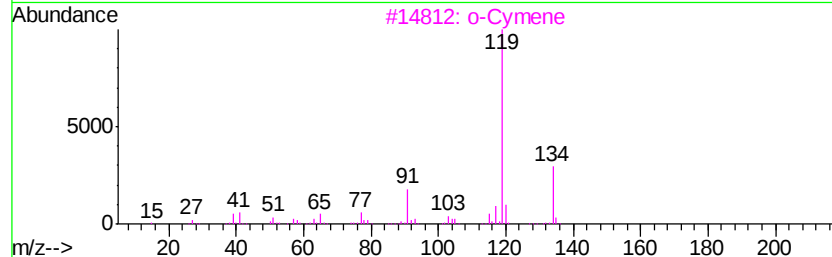
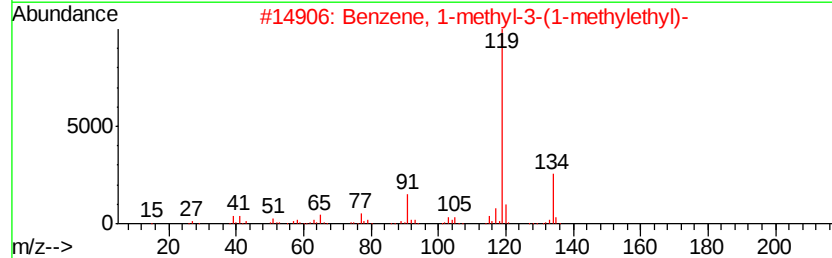
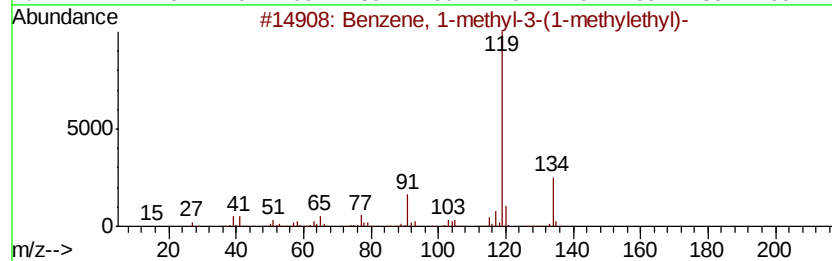
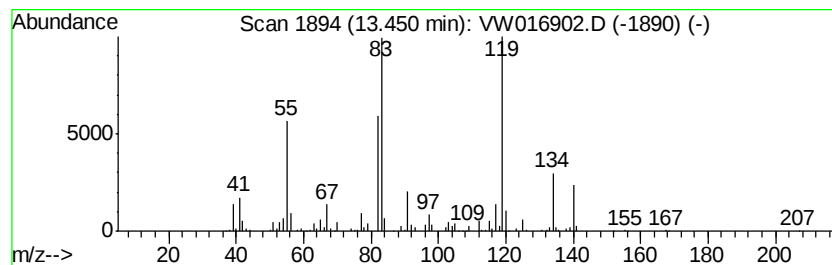
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-methyl-3-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	5.51 ug/L	183626	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	86
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	86
3		o-Cymene	134	C10H14	000527-84-4	83
4		p-Cymene	134	C10H14	000099-87-6	60
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

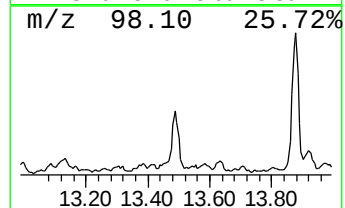
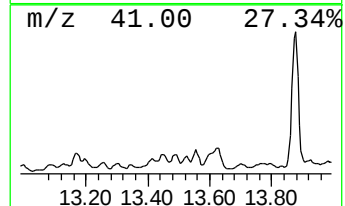
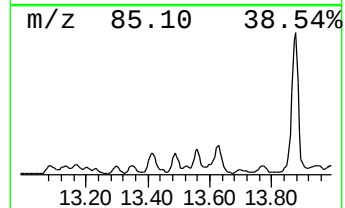
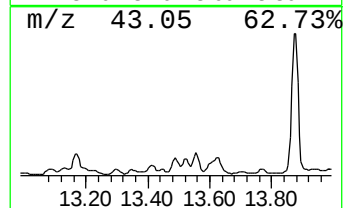
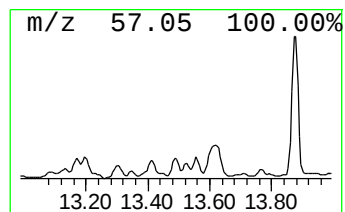
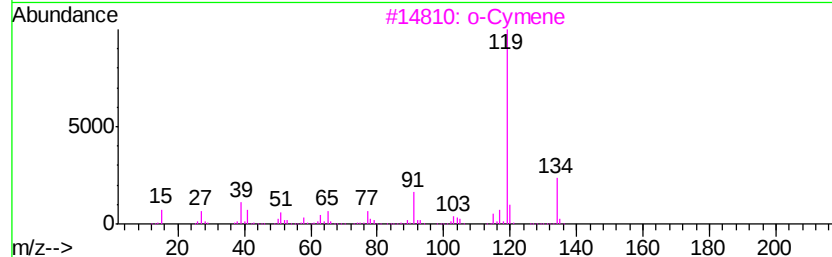
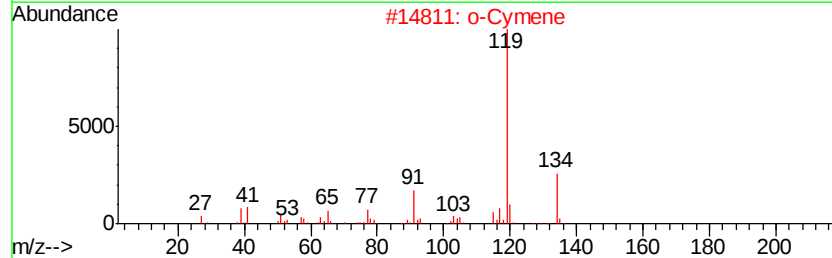
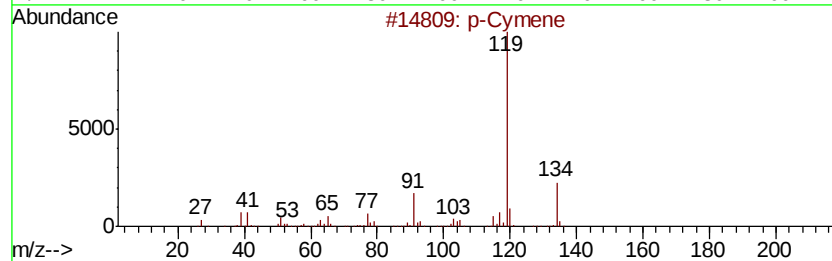
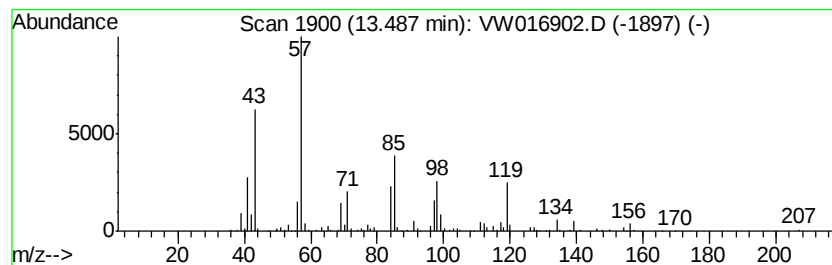
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Quant Title : VOC Analysis

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

Peak Number 26 p-Cymene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.63 ug/L	120813	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	74
2			o-Cymene	134	C10H14	000527-84-4	74
3			o-Cymene	134	C10H14	000527-84-4	74
4			Decane, 5-methyl-	156	C11H24	013151-35-4	43
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

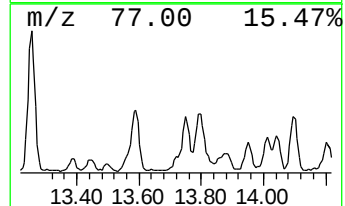
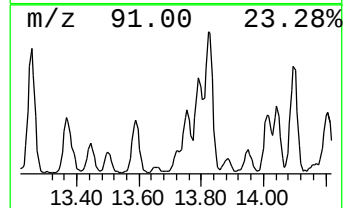
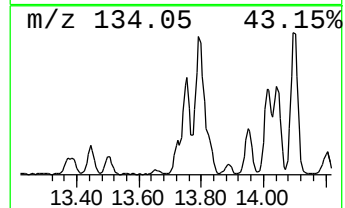
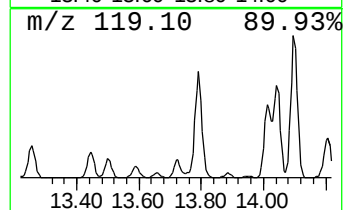
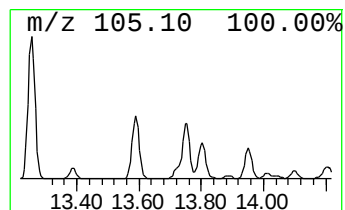
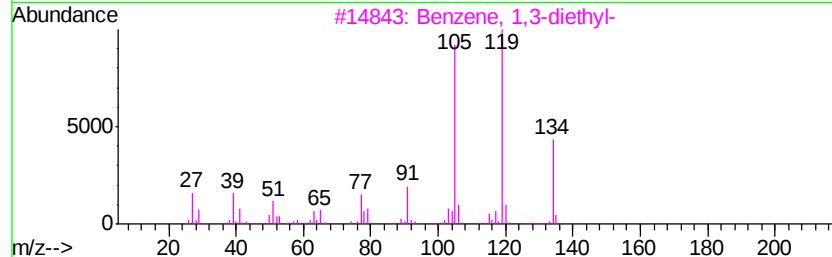
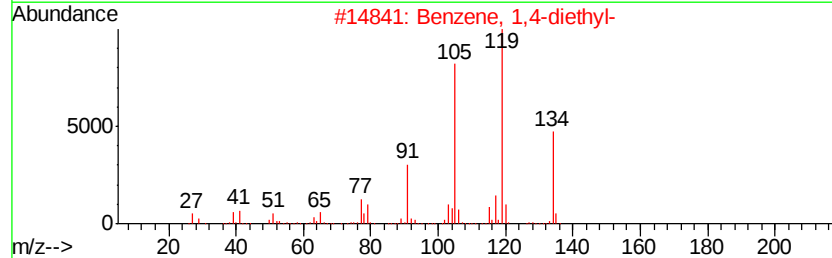
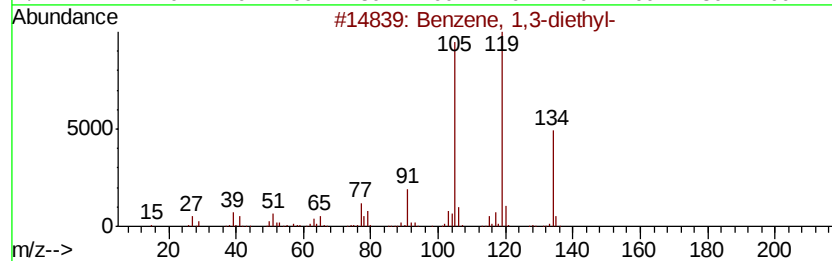
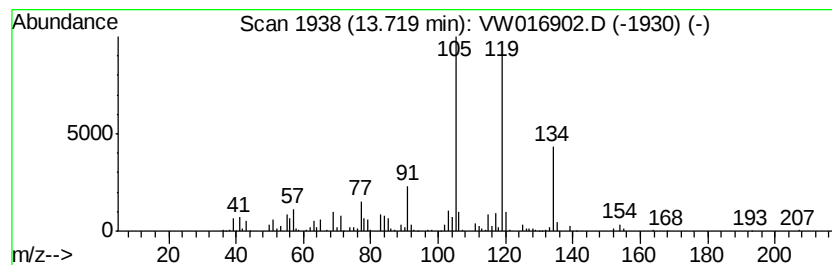
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,3-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.76 ug/L	191933	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

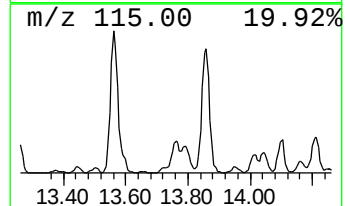
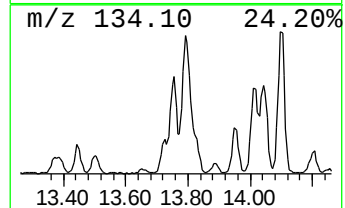
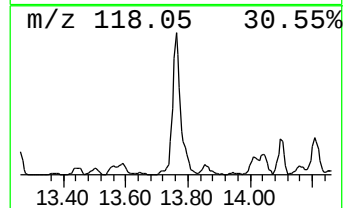
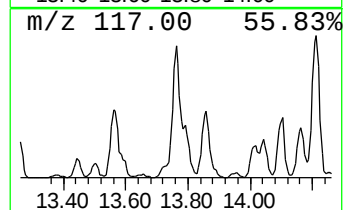
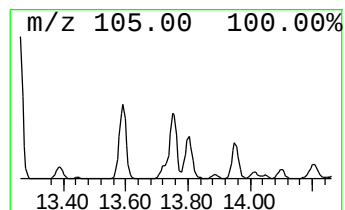
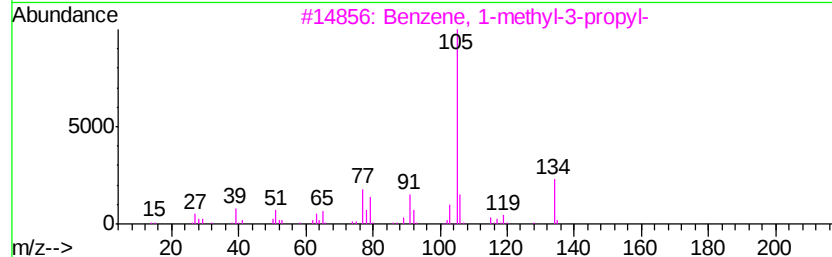
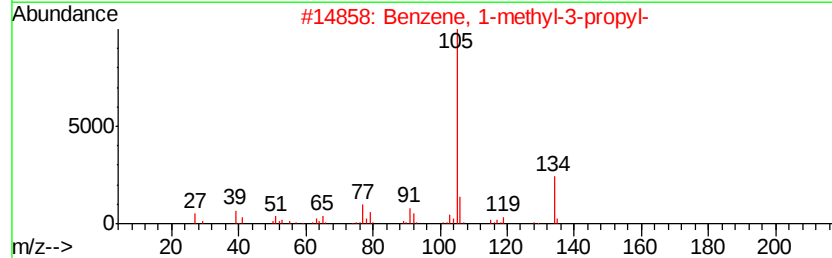
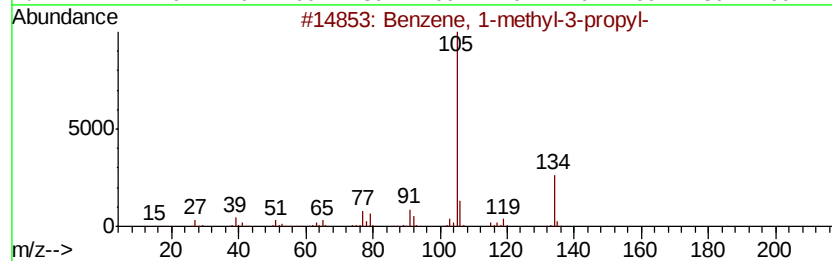
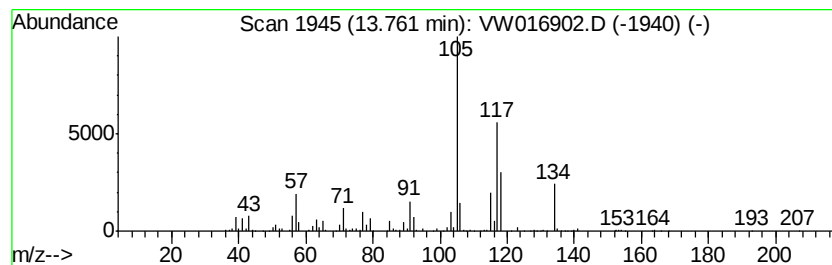
Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	16.67 ug/L	555519	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	70
2	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	64
3	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	58
4	Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5	58
5	Benzene, (1-methylpropyl)-	134 C10H14	000135-98-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

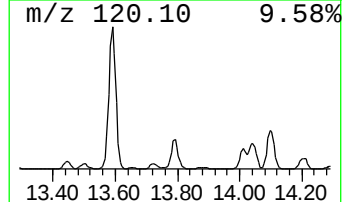
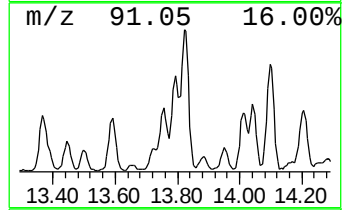
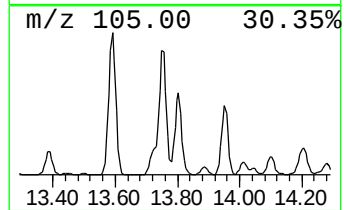
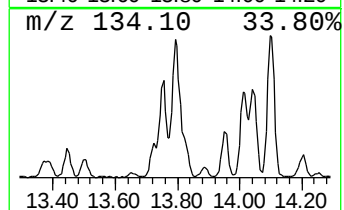
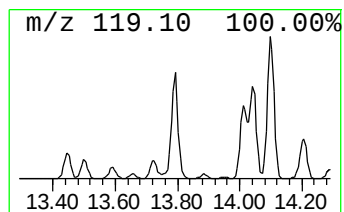
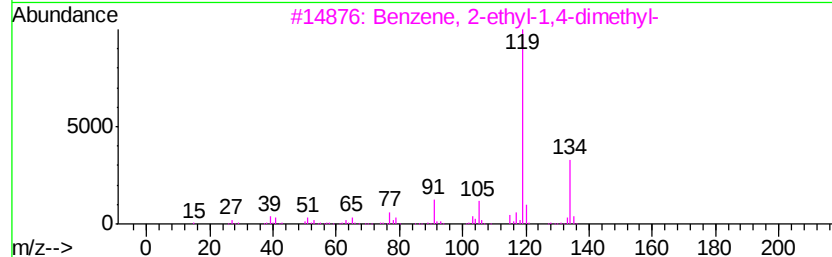
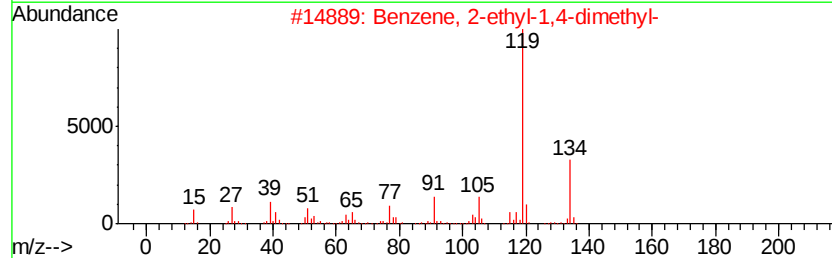
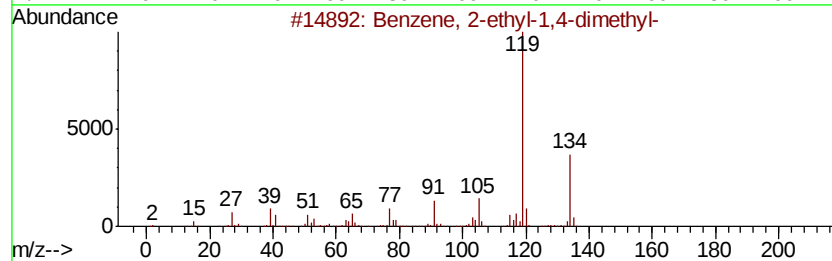
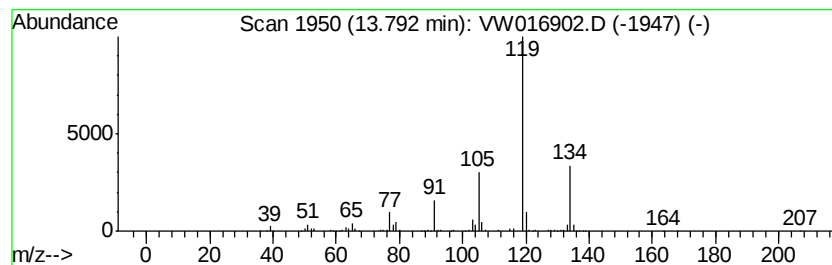
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	20.95 ug/L	698097	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

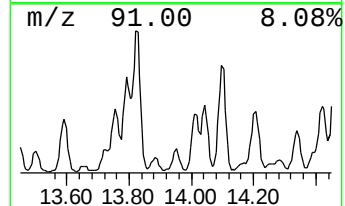
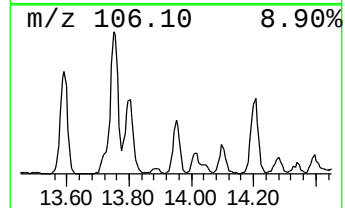
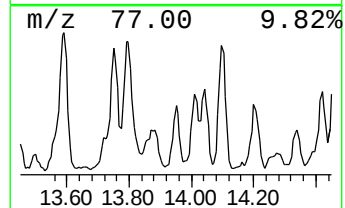
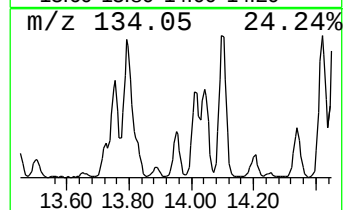
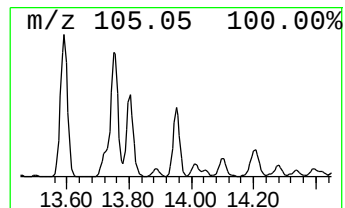
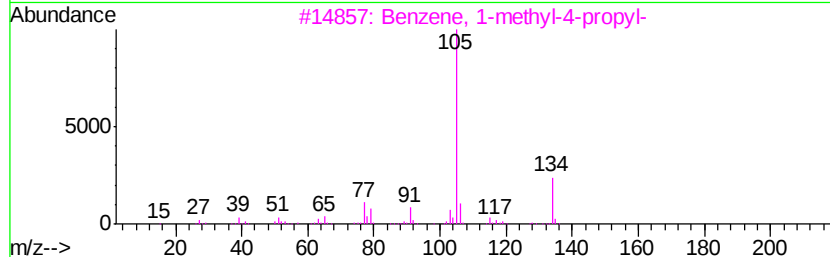
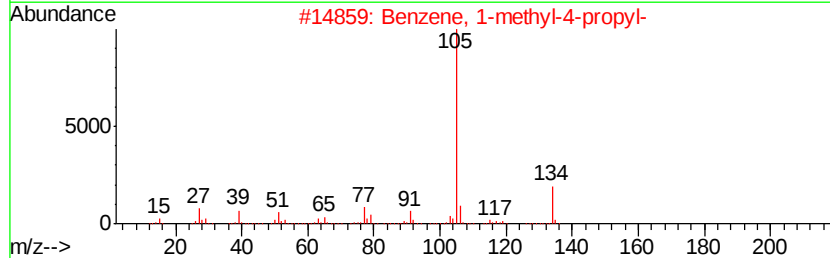
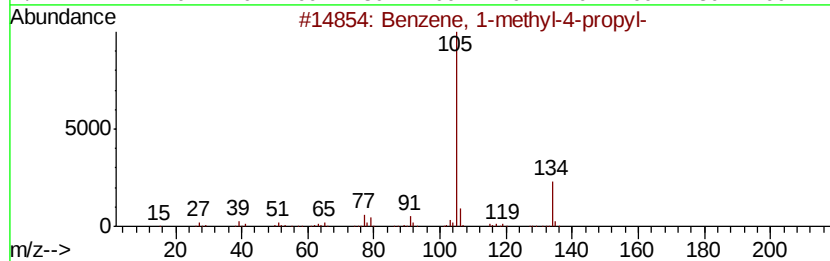
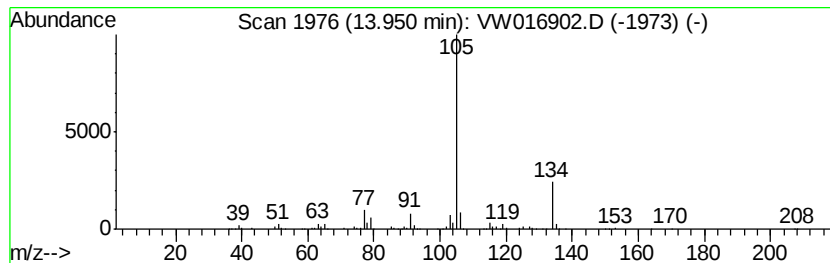
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	8.47 ug/L	282268	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

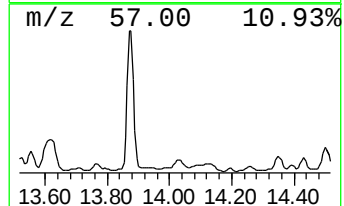
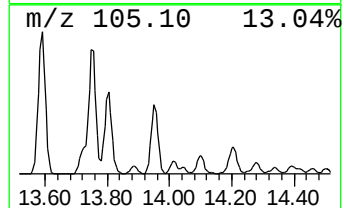
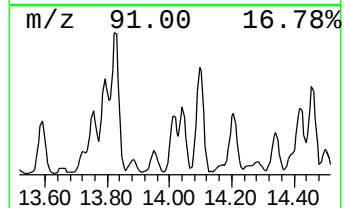
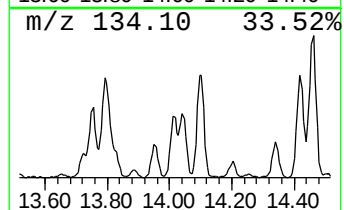
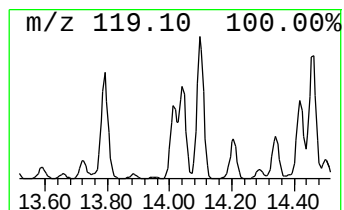
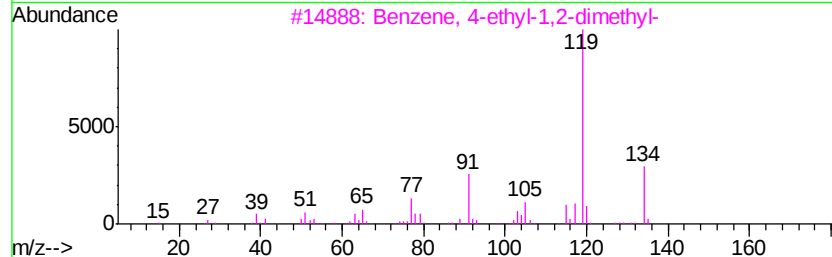
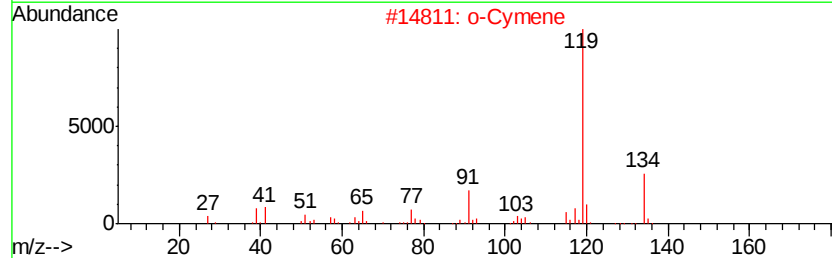
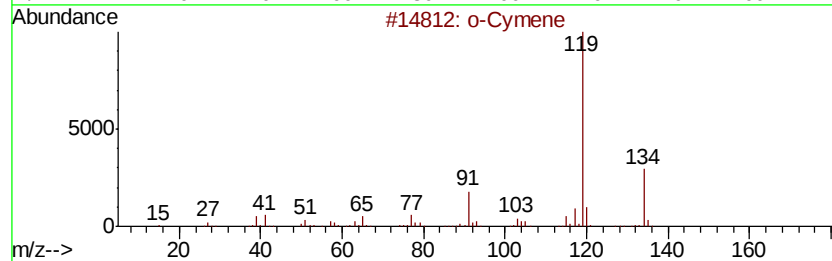
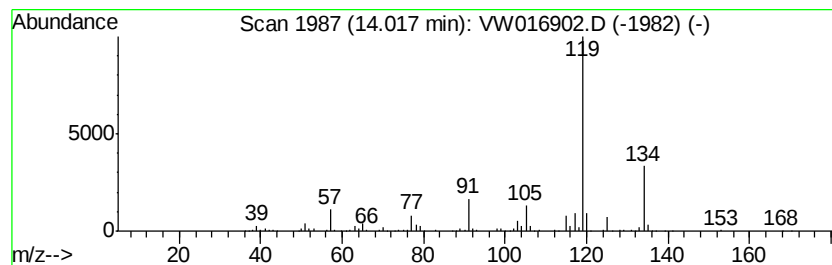
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Quant Title : VOC Analysis

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

Peak Number 31 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	11.78 ug/L	392610	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

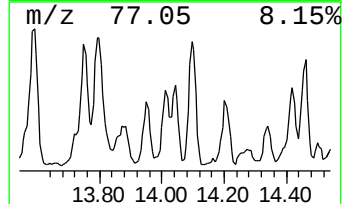
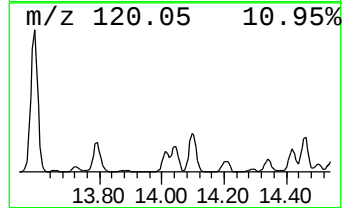
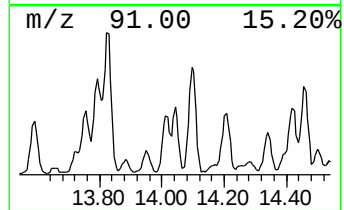
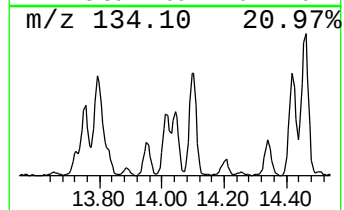
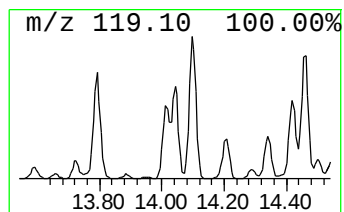
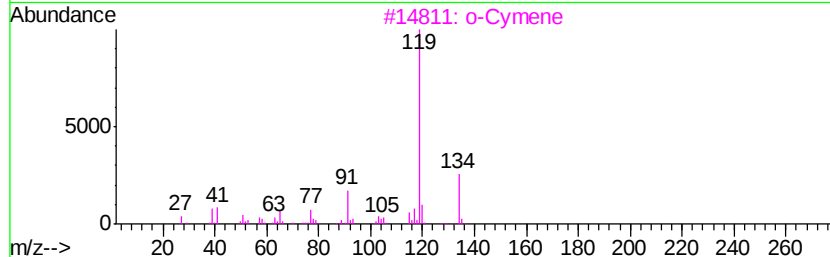
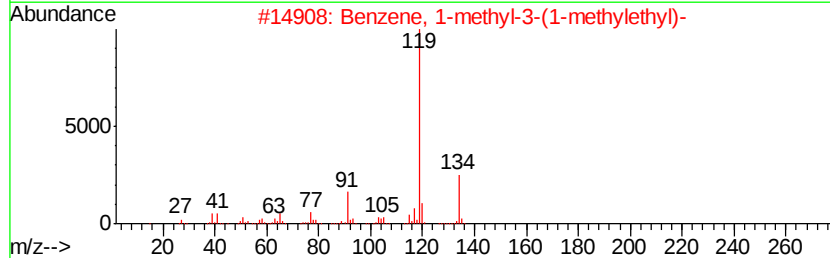
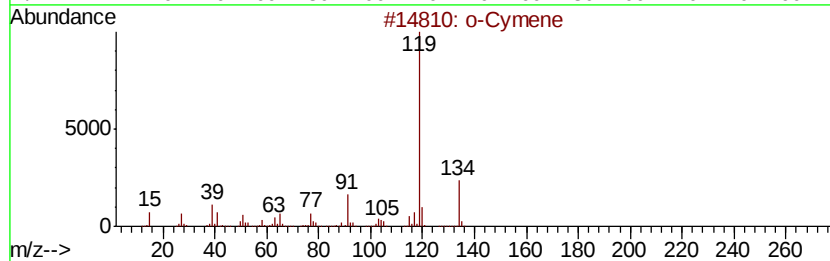
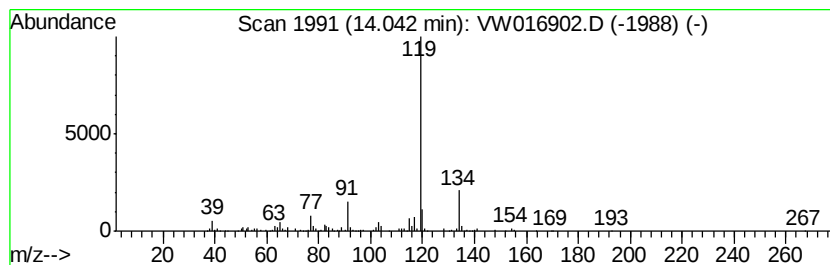
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	16.21 ug/L	540079	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

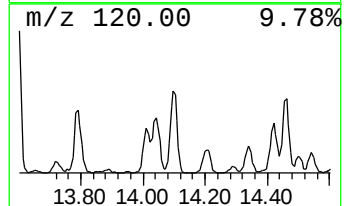
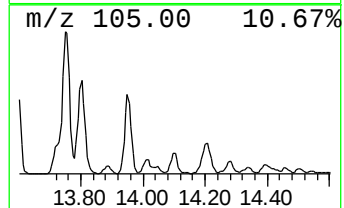
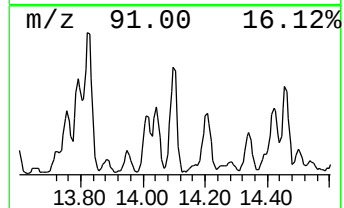
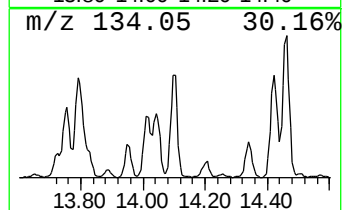
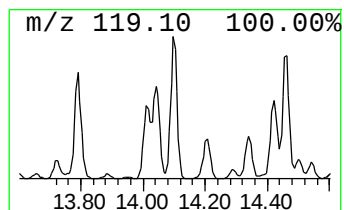
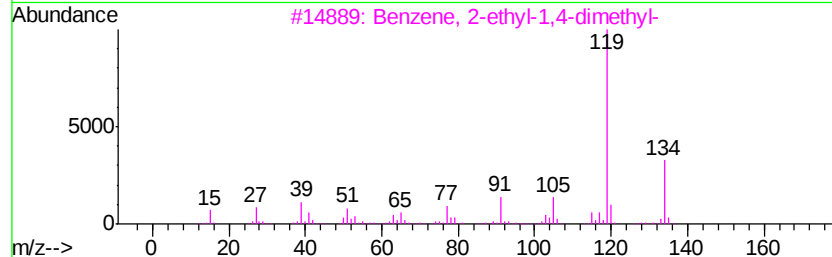
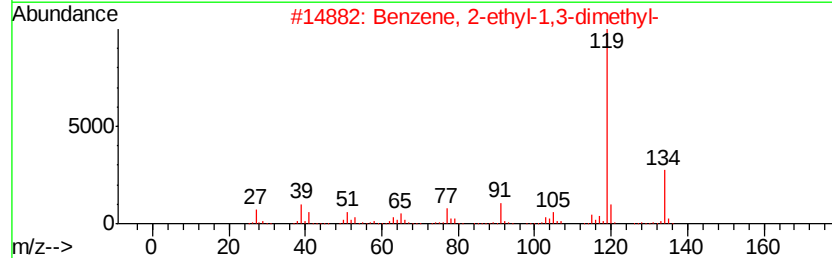
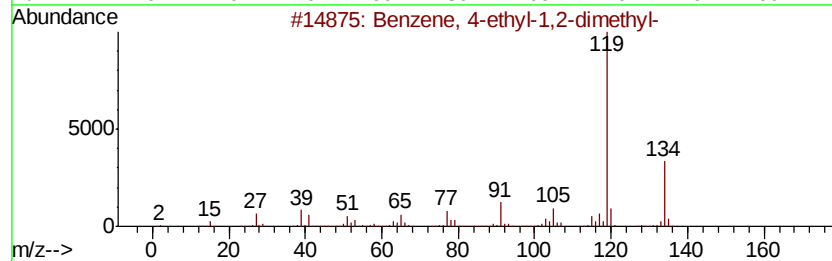
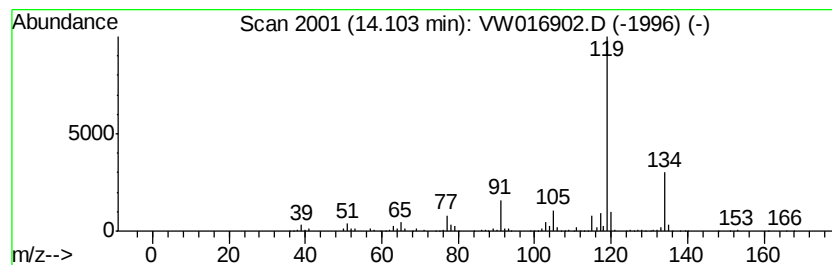
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	22.40 ug/L	746525	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

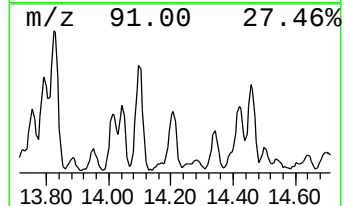
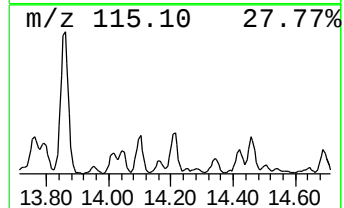
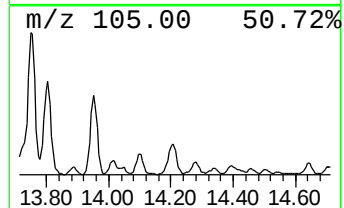
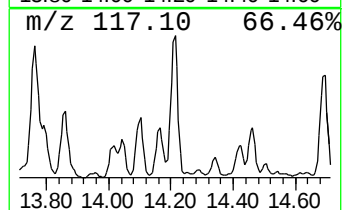
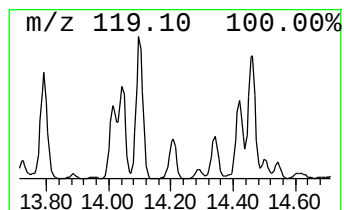
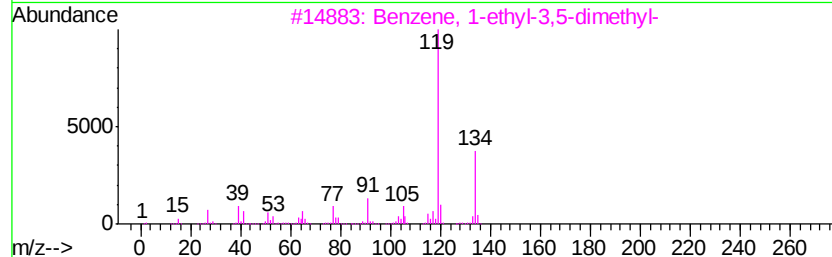
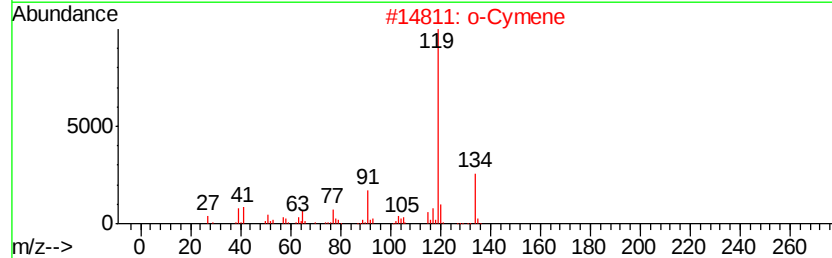
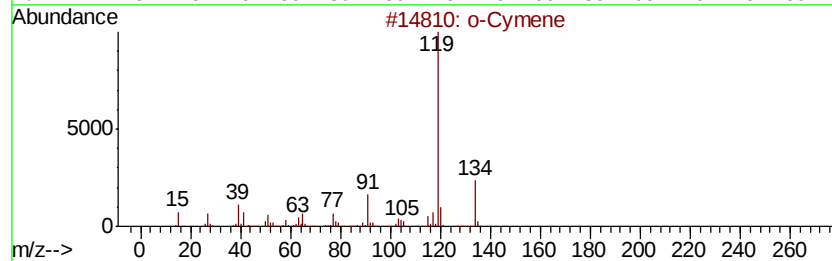
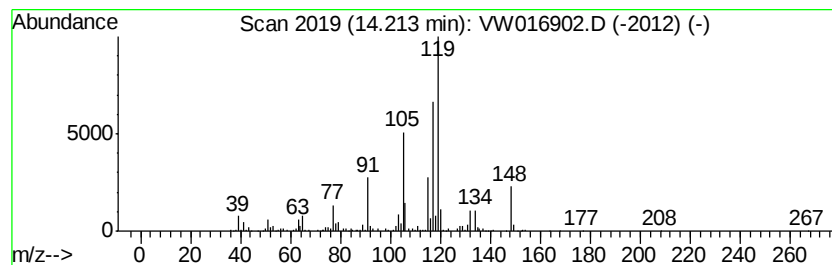
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Quant Title : VOC Analysis

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

Peak Number 34 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	10.38 ug/L	345887	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	55
2		o-Cymene	134	C10H14	000527-84-4	55
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	49
5		p-Cymene	134	C10H14	000099-87-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

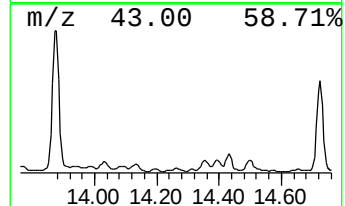
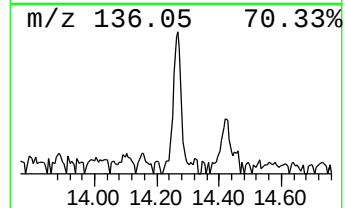
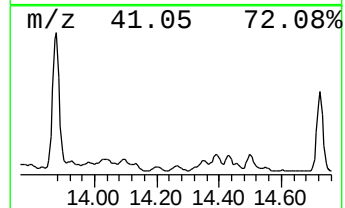
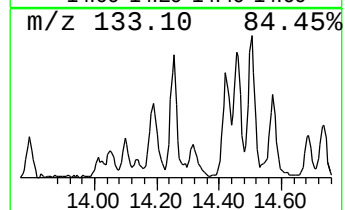
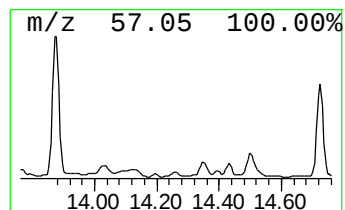
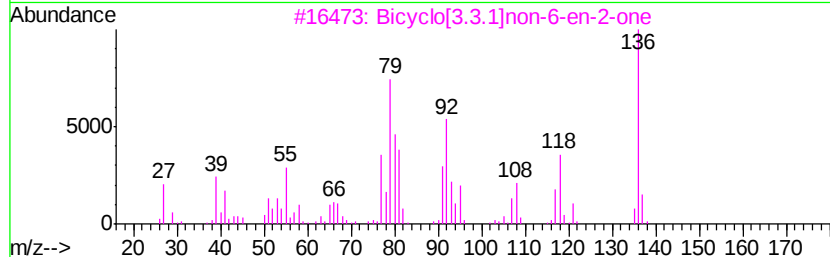
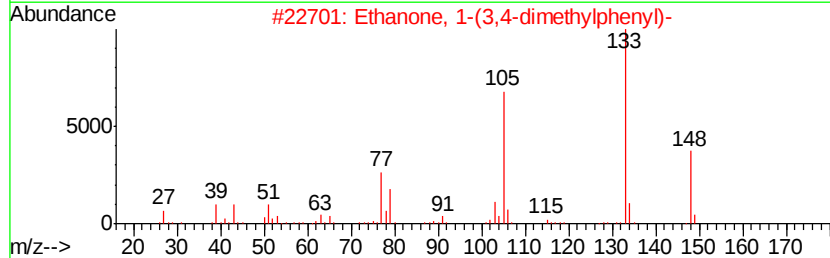
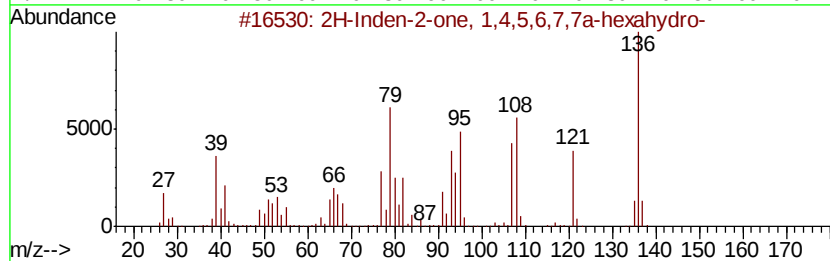
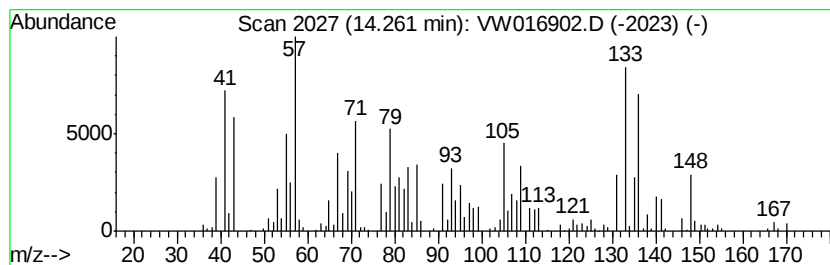
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Quant Title : VOC Analysis

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

Peak Number 35 unknown-06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.62 ug/L	154032	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	38
2		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	30
3		Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	25
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	25
5		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

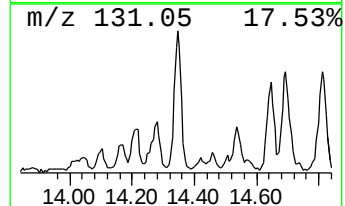
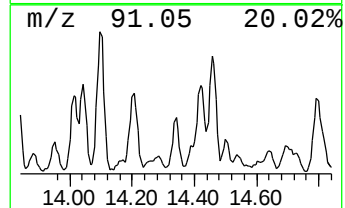
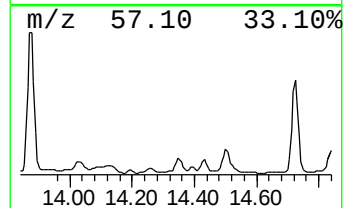
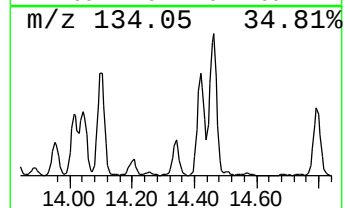
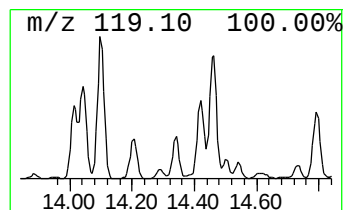
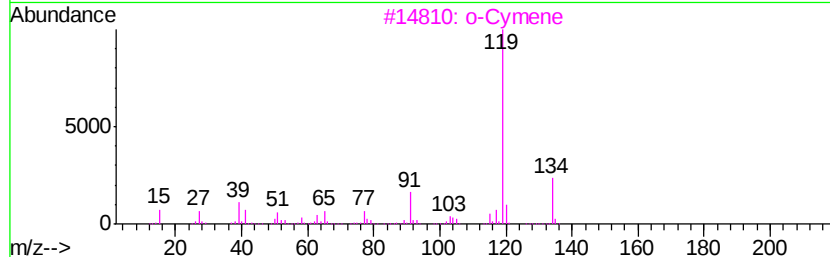
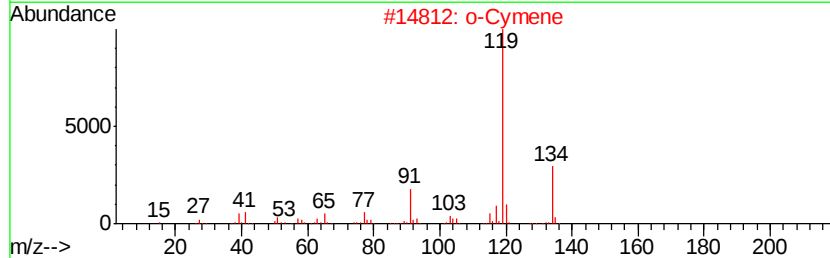
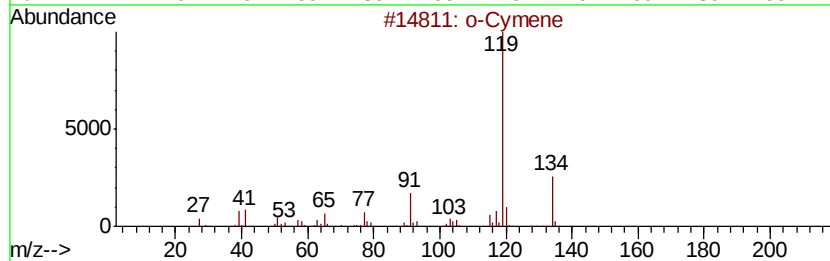
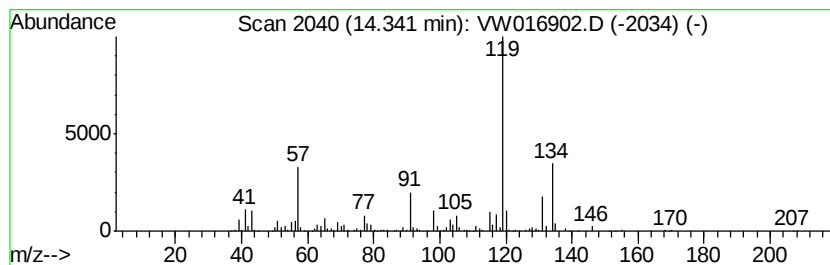
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	10.31 ug/L	343557	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

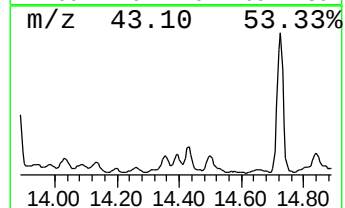
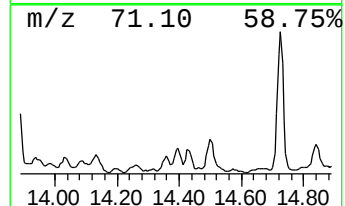
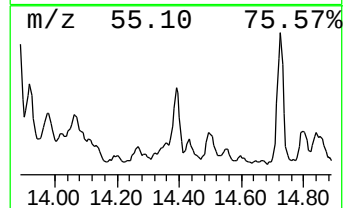
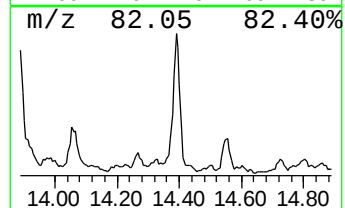
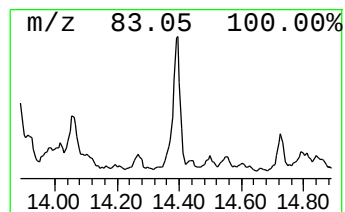
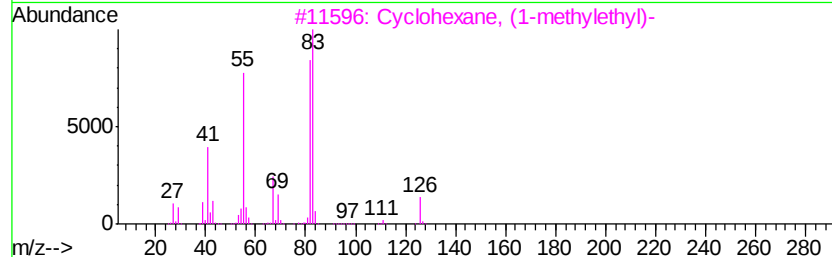
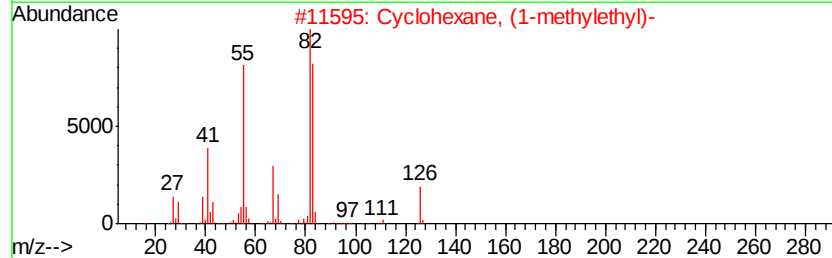
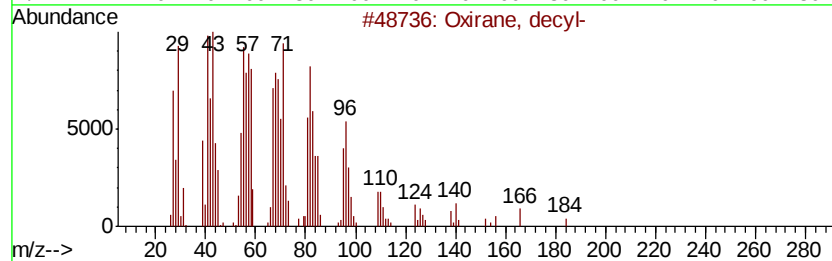
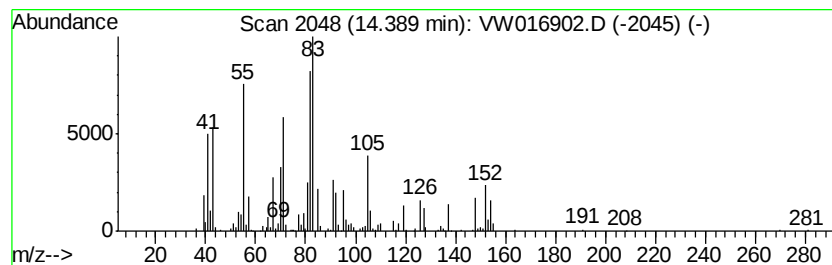
Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 37 Oxirane, decyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	7.66 ug/L	255404	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxirane, decyl-	184 C12H24O	002855-19-8 68
2		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 43
3		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 43
4		Cyclohexane, pentyl-	154 C11H22	004292-92-6 43
5		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

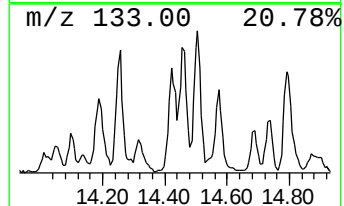
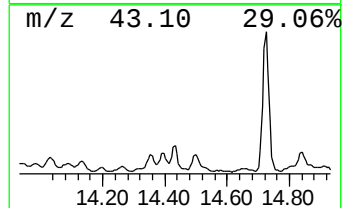
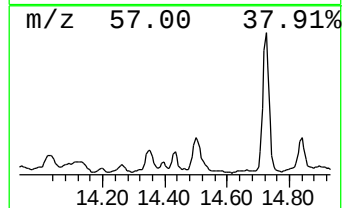
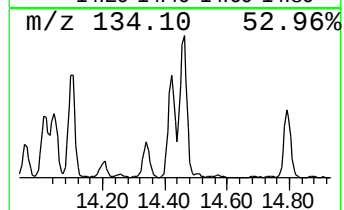
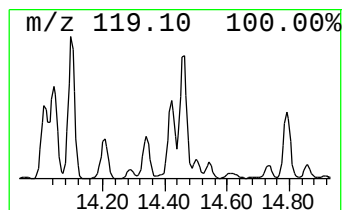
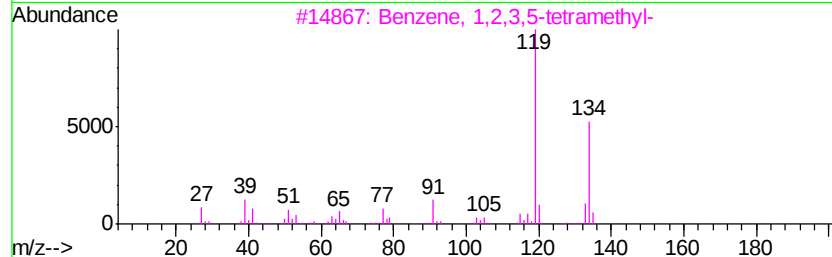
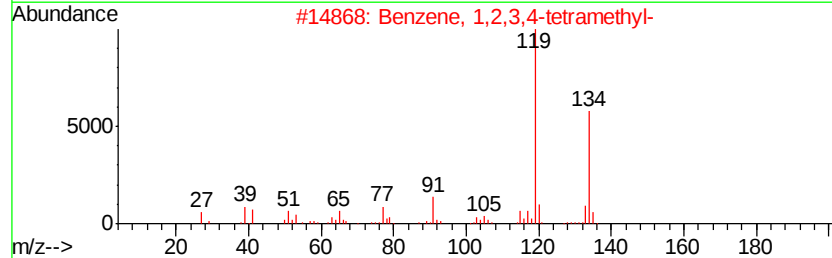
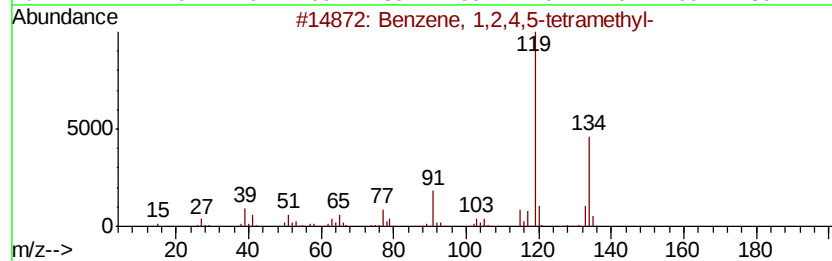
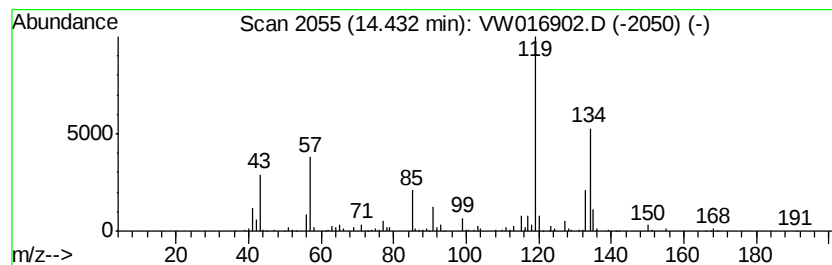
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	14.43 ug/L	480963	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

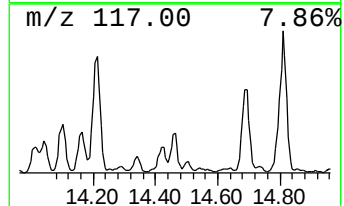
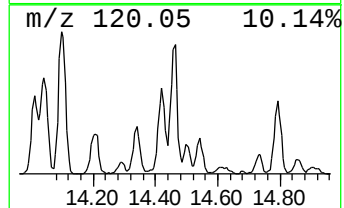
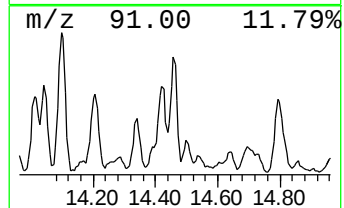
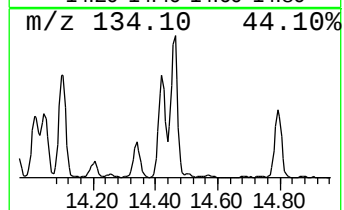
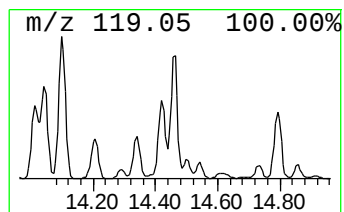
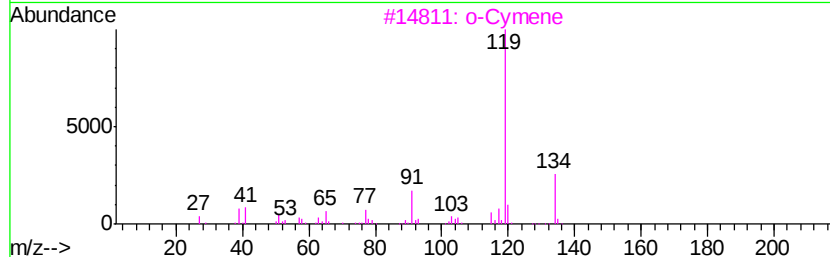
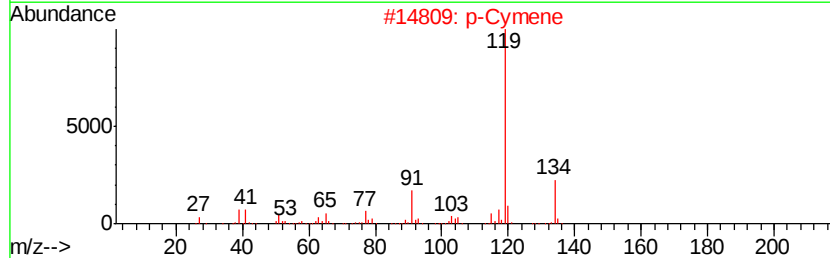
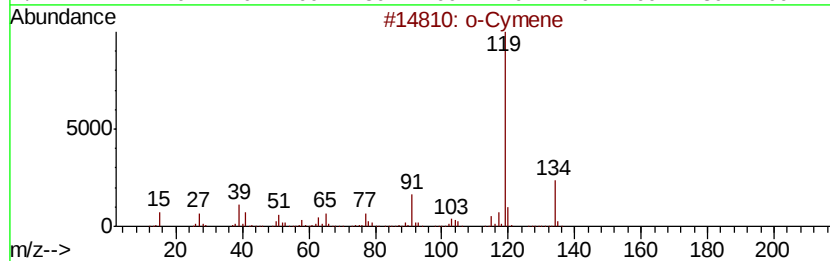
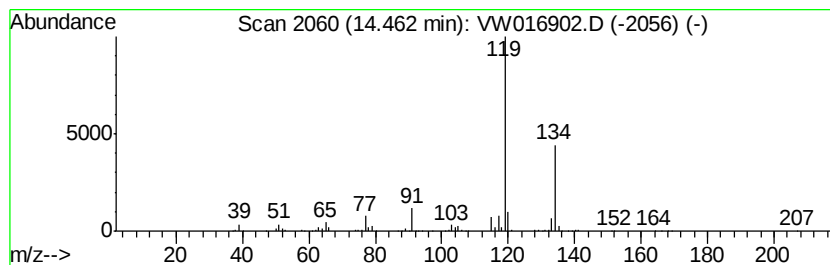
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	15.02 ug/L	500342	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

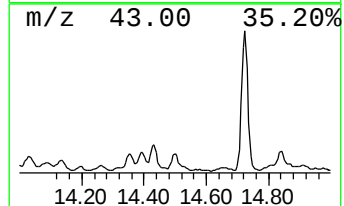
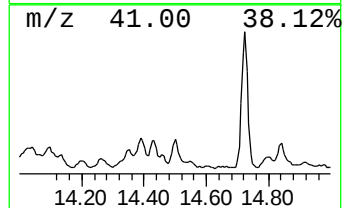
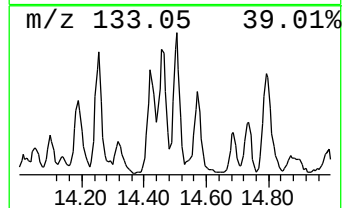
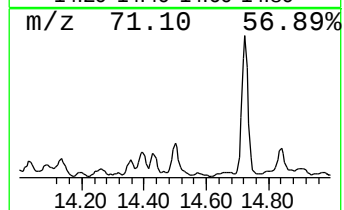
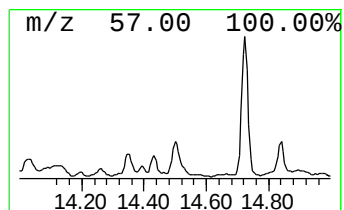
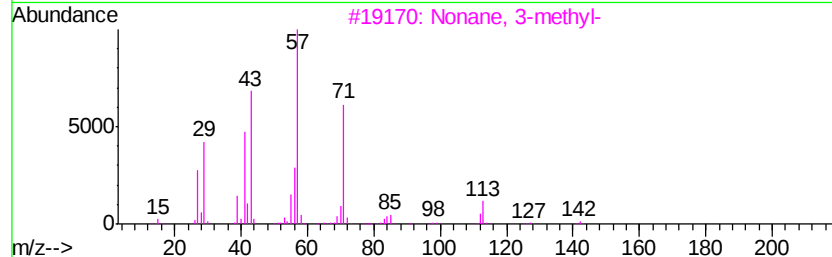
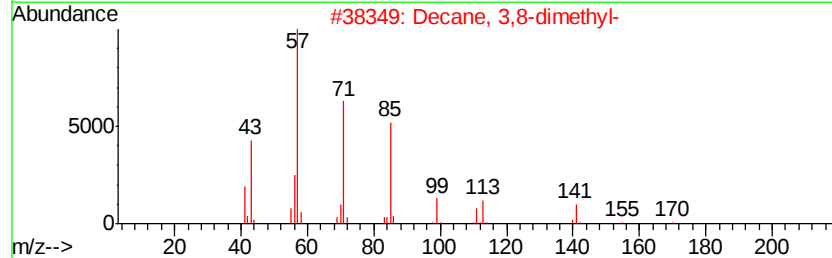
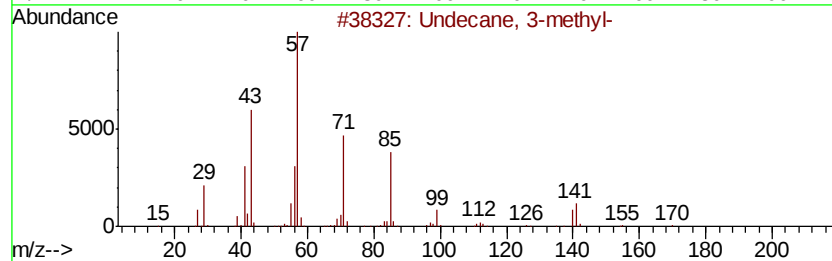
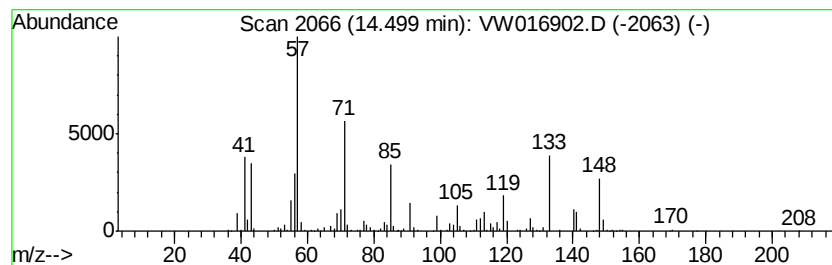
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	8.22 ug/L	273863	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	60
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	46
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	41
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

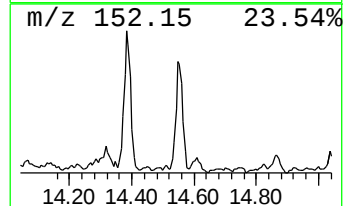
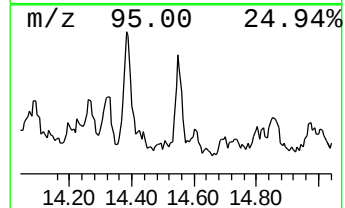
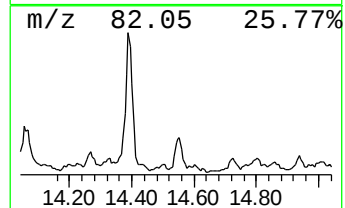
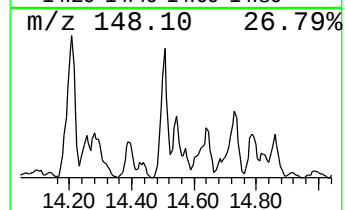
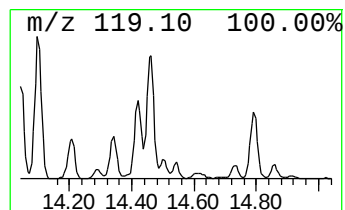
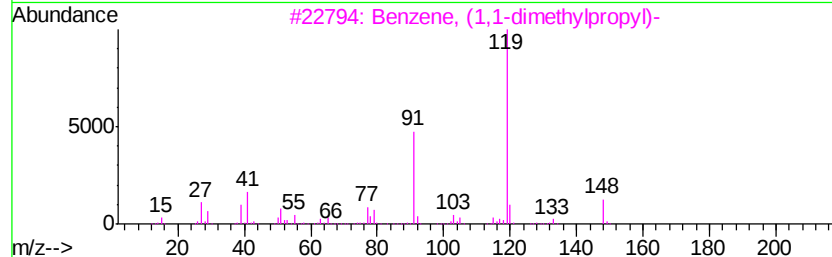
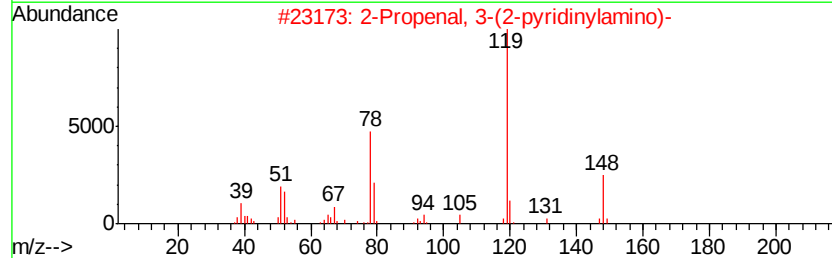
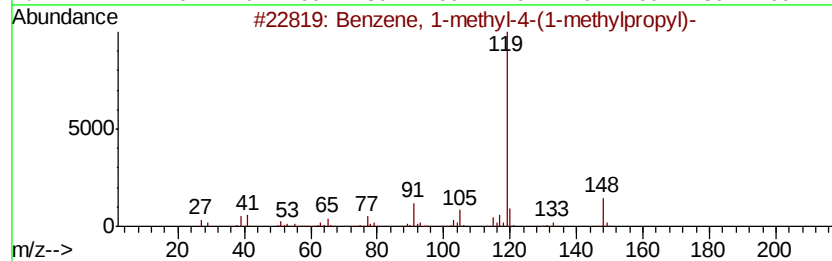
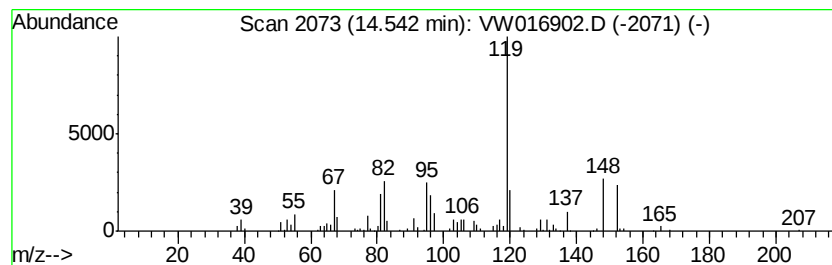
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Quant Title : VOC Analysis

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

Peak Number 41 unknown-07 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.01 ug/L	100335	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpropyl)-	148	C11H16	001595-16-0	35
2		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	35
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
4		1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	32
5		o-Cymene	134	C10H14	000527-84-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

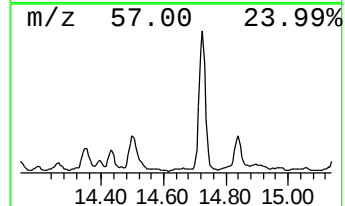
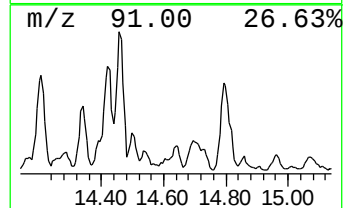
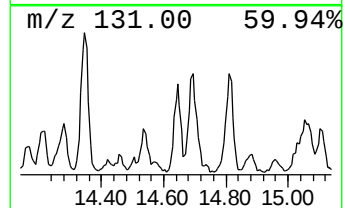
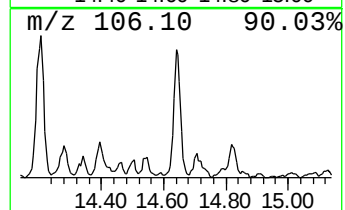
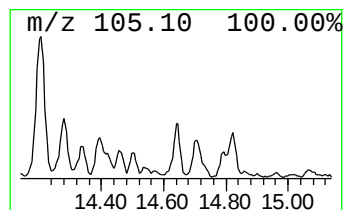
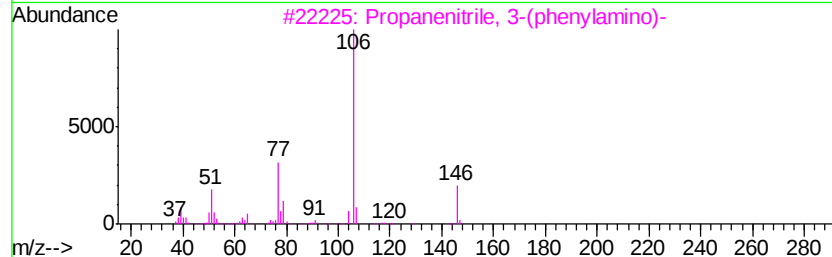
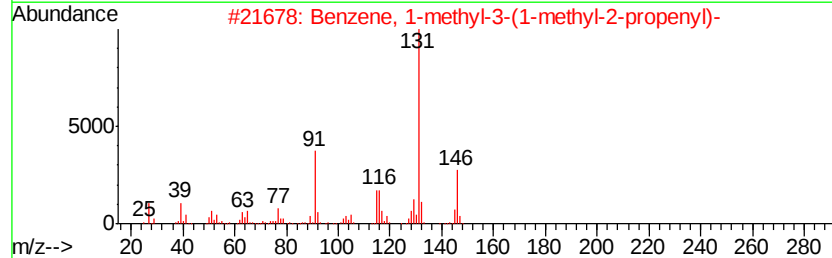
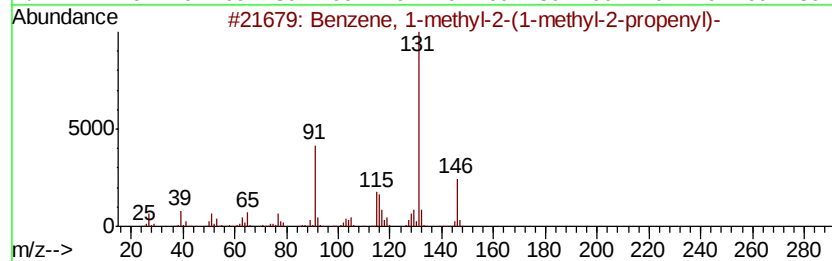
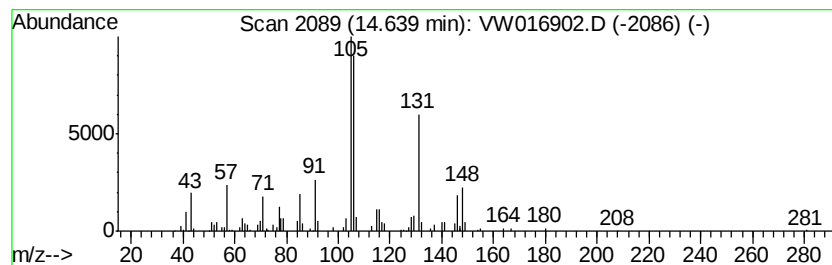
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Quant Title : VOC Analysis

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

Peak Number 42 unknown-08 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	1.34 ug/L	44742	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38
2		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	38
3		Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

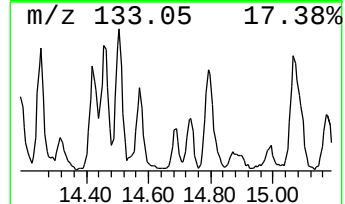
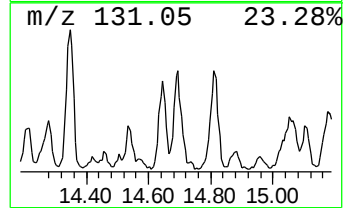
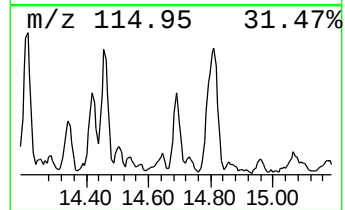
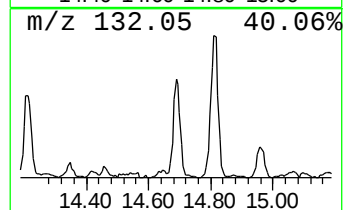
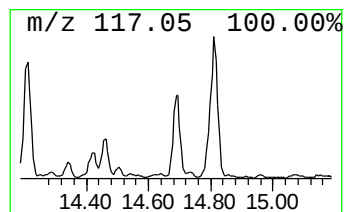
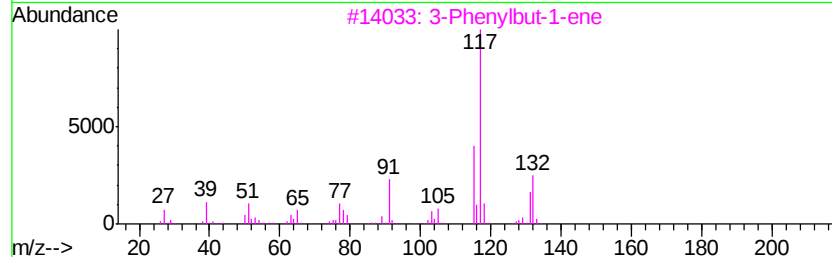
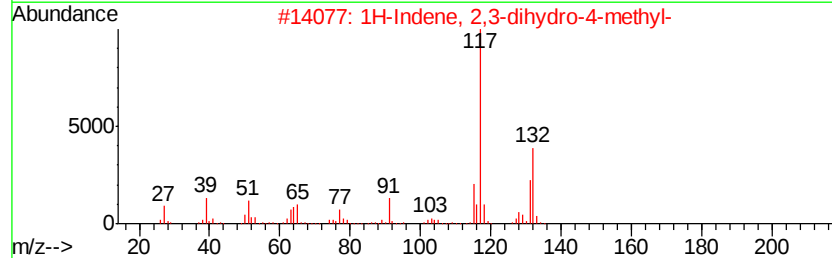
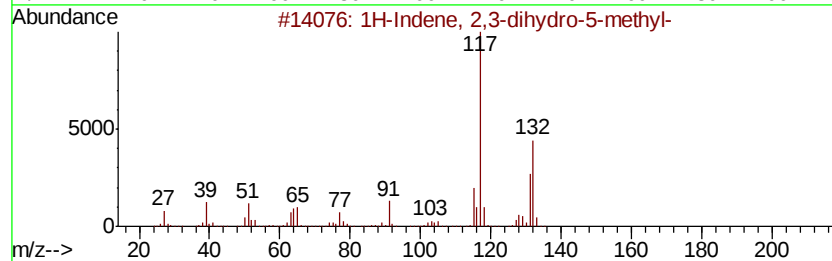
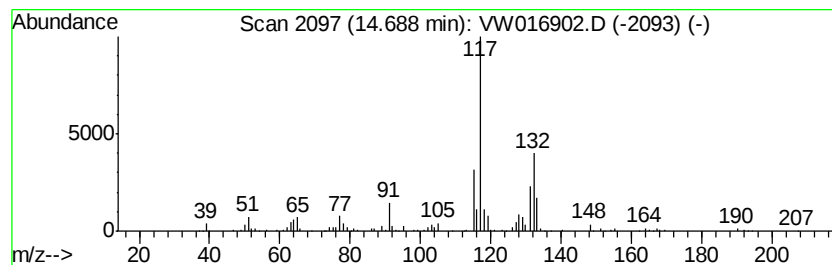
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Quant Title : VOC Analysis

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

Peak Number 43 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.97 ug/L	99120	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
4		Indan, 1-methyl-	132	C10H12	000767-58-8	81
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

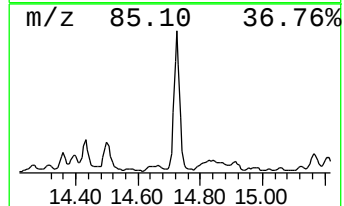
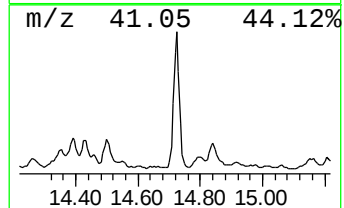
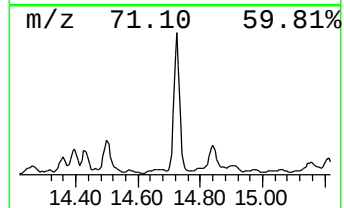
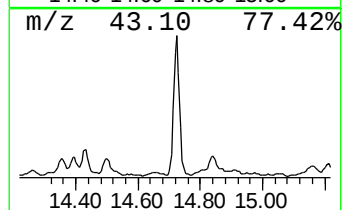
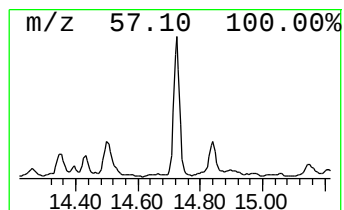
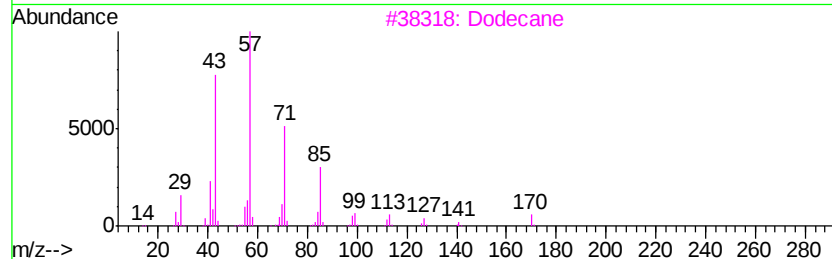
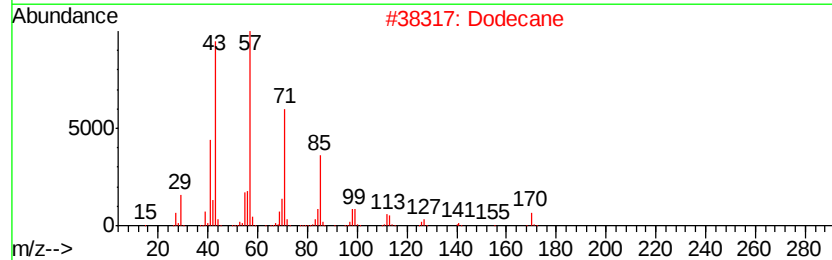
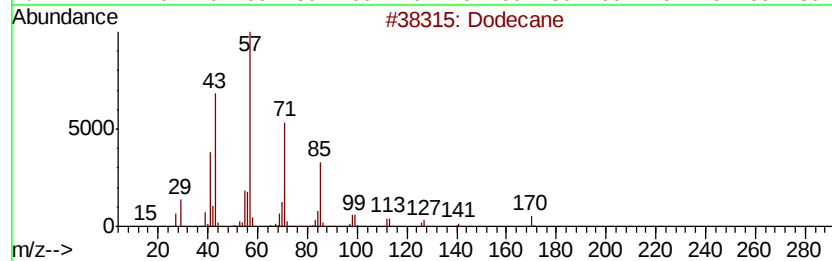
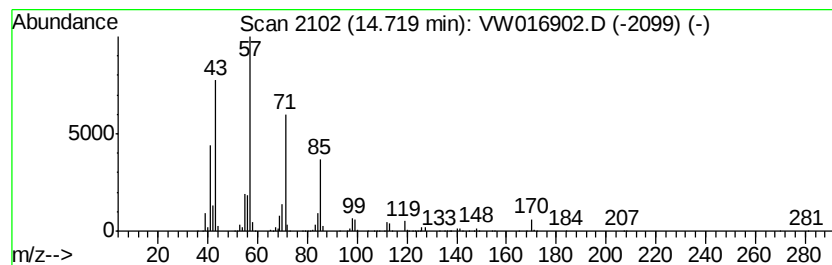
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	24.16 ug/L	805019	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Dodecane	170	C12H26	000112-40-3	95
3		Dodecane	170	C12H26	000112-40-3	93
4		Dodecane	170	C12H26	000112-40-3	83
5		Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

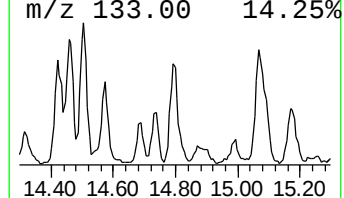
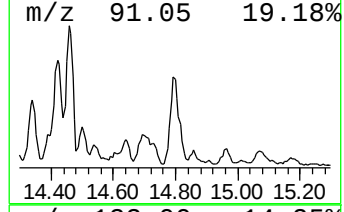
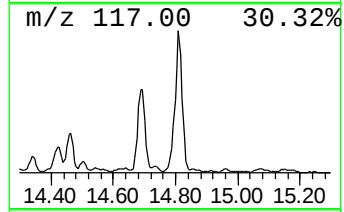
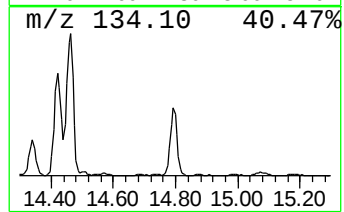
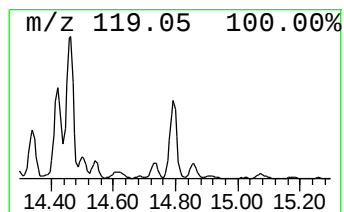
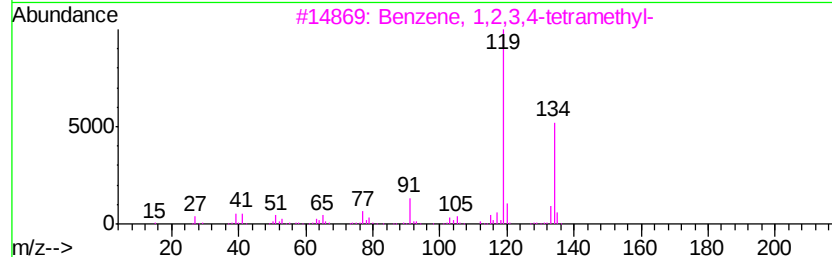
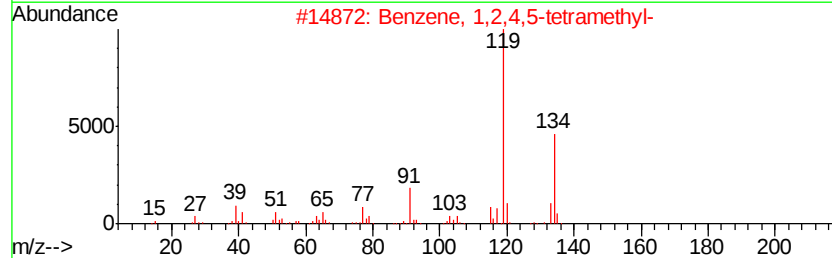
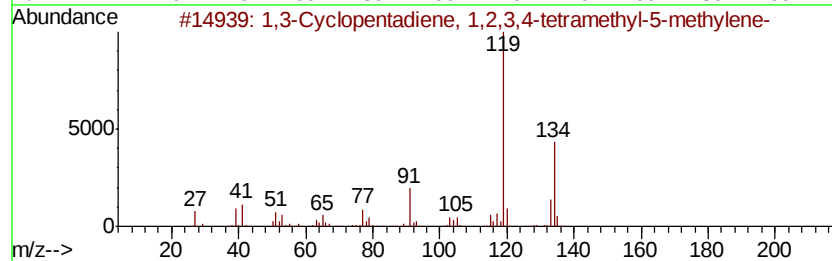
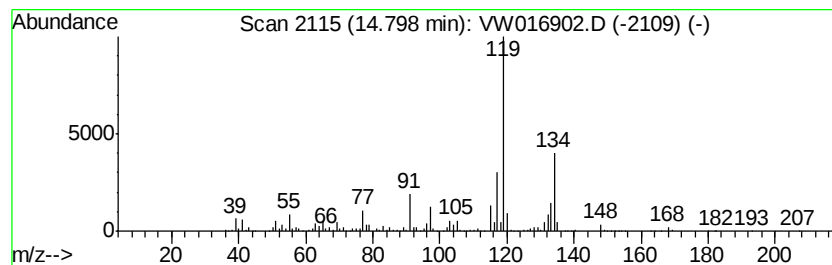
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Quant Title : VOC Analysis

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

Peak Number 45 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	16.66 ug/L	555140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

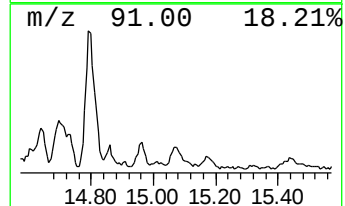
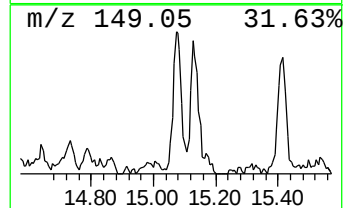
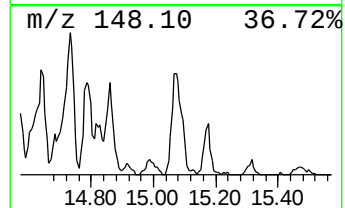
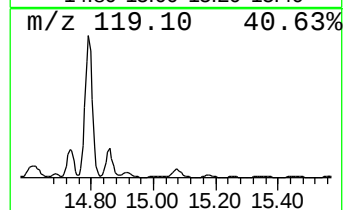
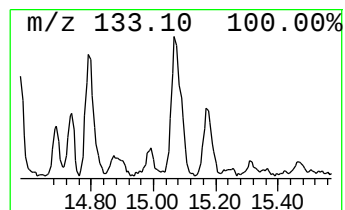
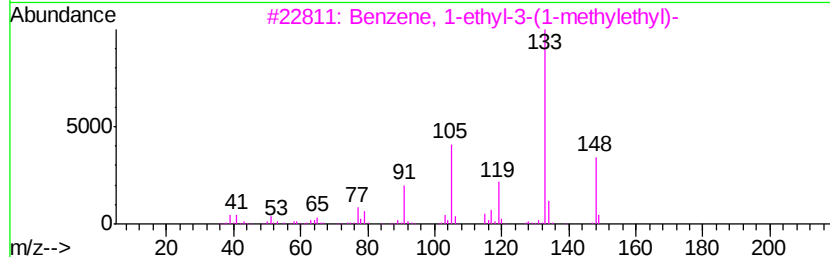
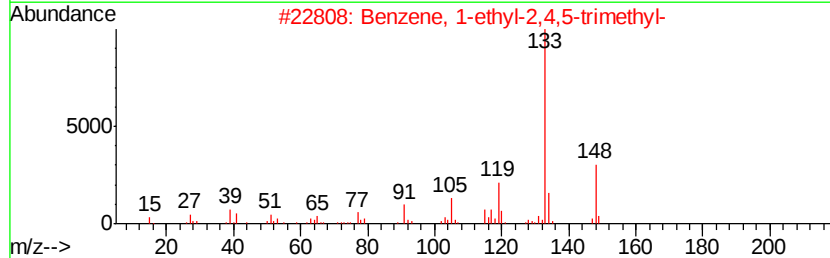
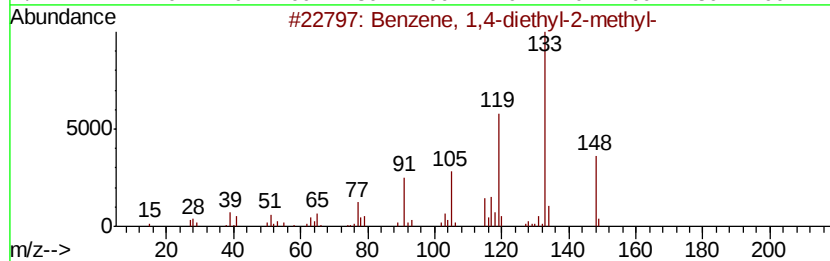
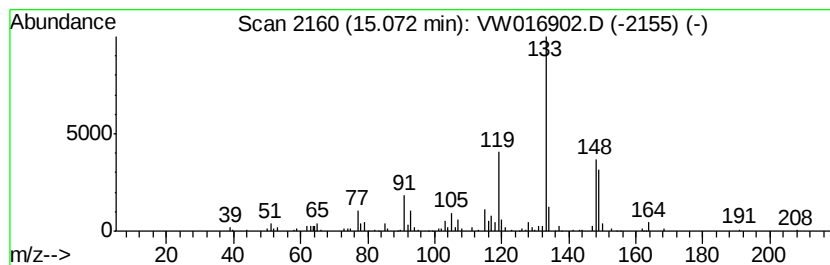
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 46 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.00 ug/L	66781	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
2		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW016902\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

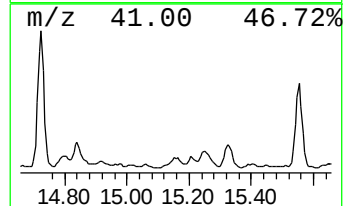
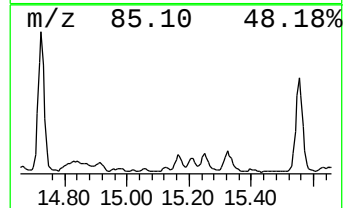
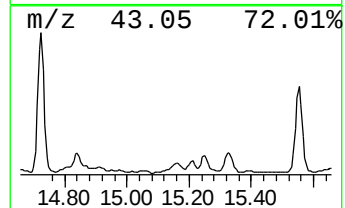
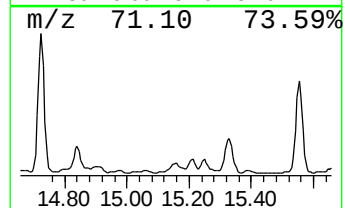
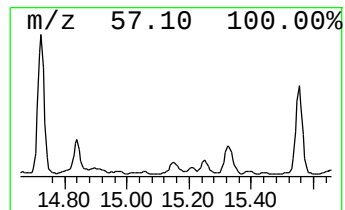
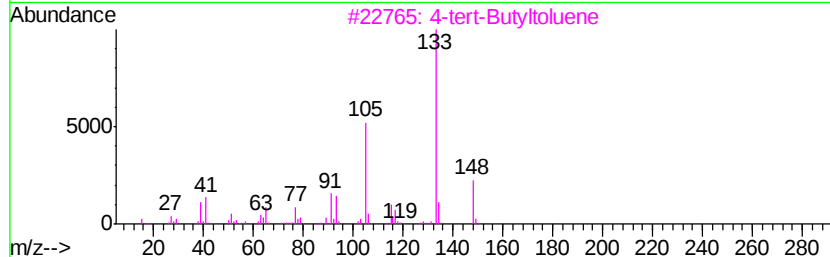
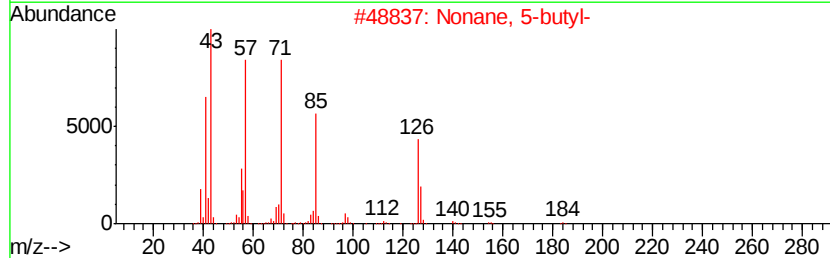
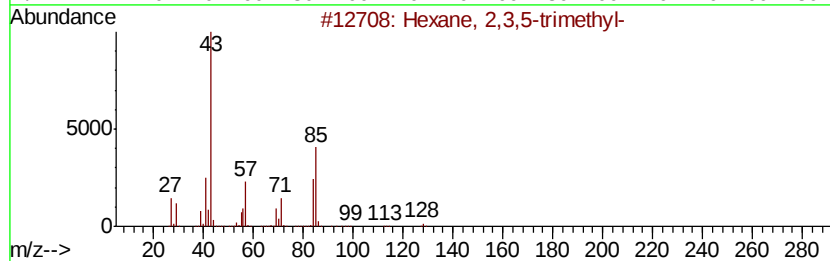
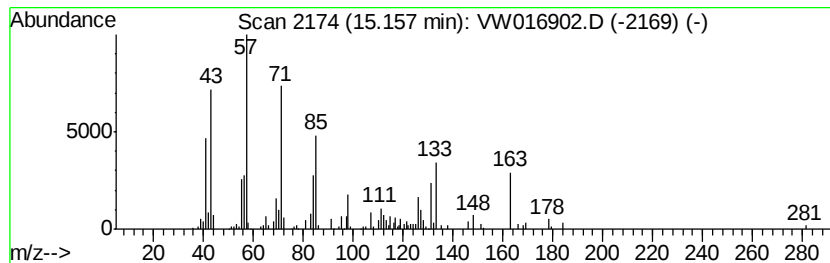
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.70 ug/L	89907	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	22
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	22
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	18
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	18
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW016902\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

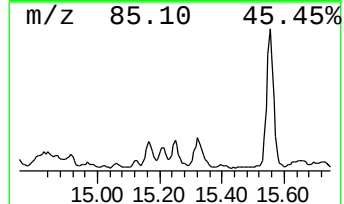
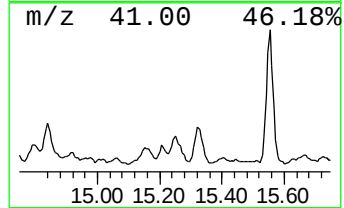
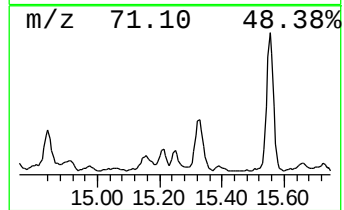
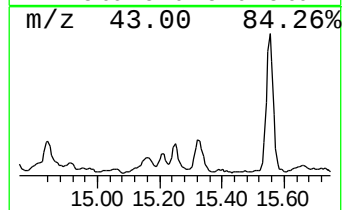
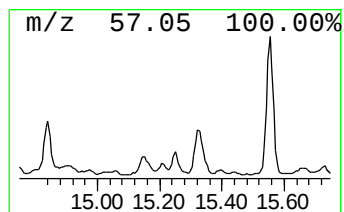
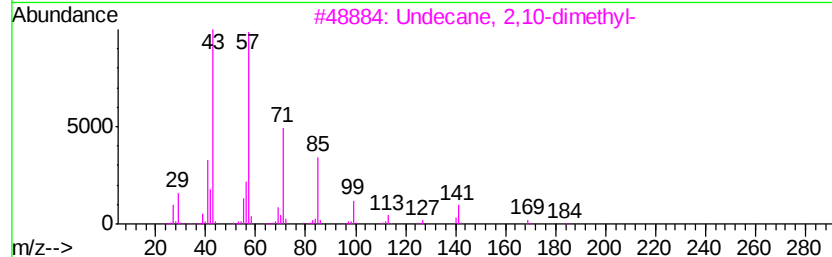
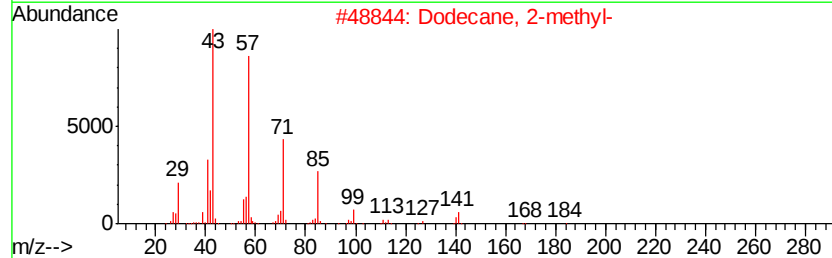
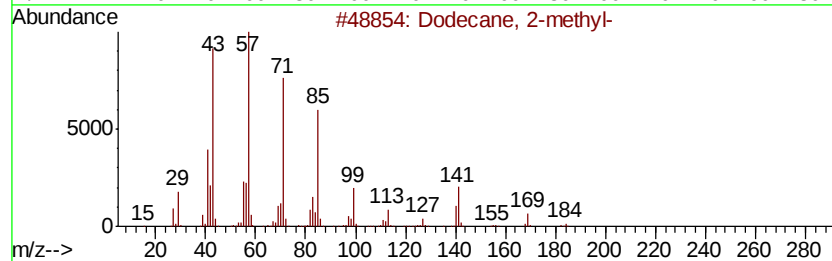
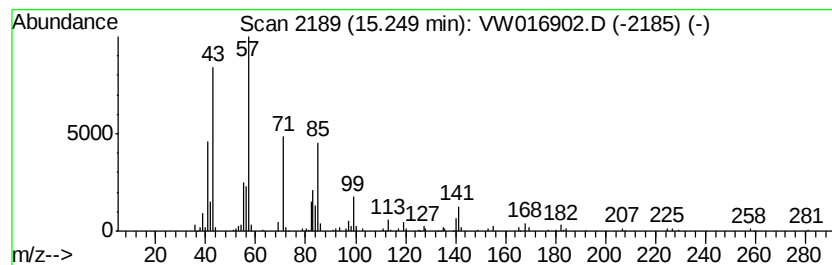
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Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	4.72 ug/L	157380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	89
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	50
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	46
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

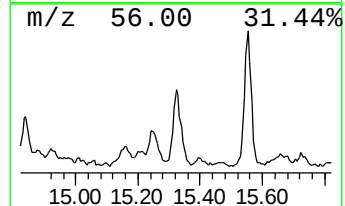
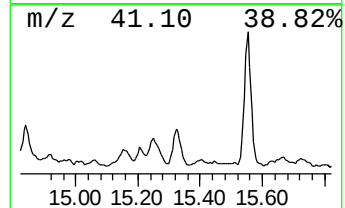
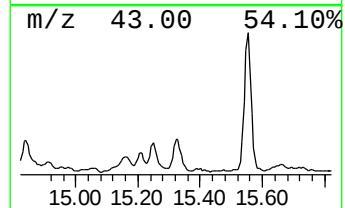
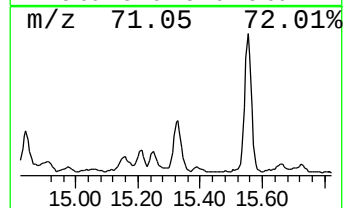
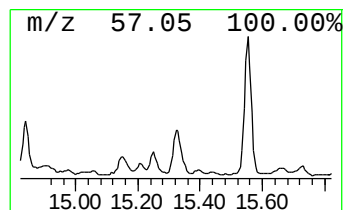
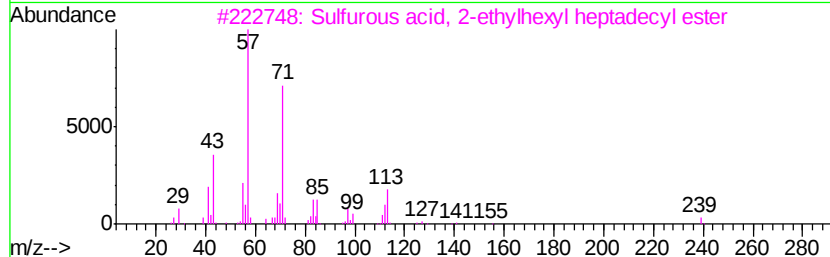
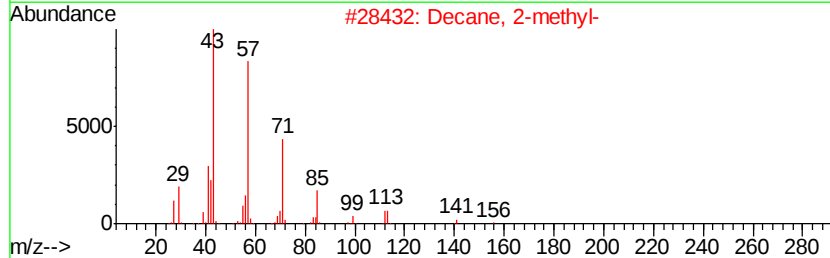
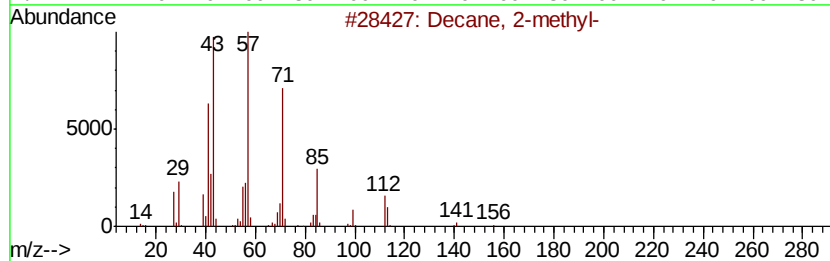
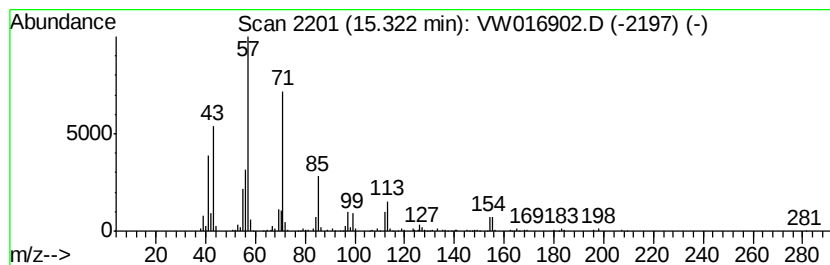
Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

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Quant Title : VOC Analysis

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.32	6.01 ug/L	200233	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	74
2	Decane, 2-methyl-	156	C11H24	006975-98-0	74
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

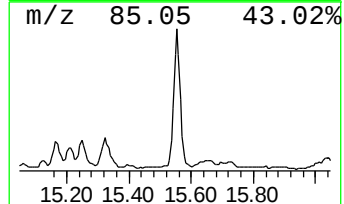
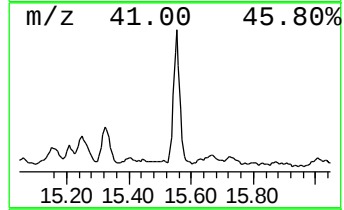
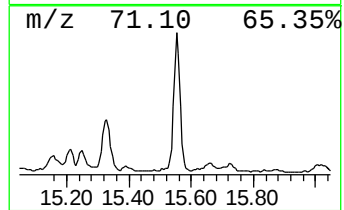
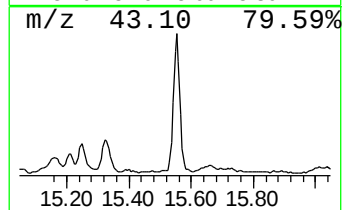
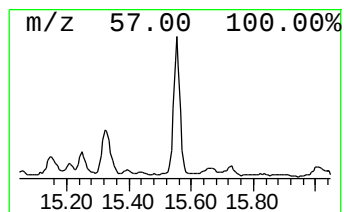
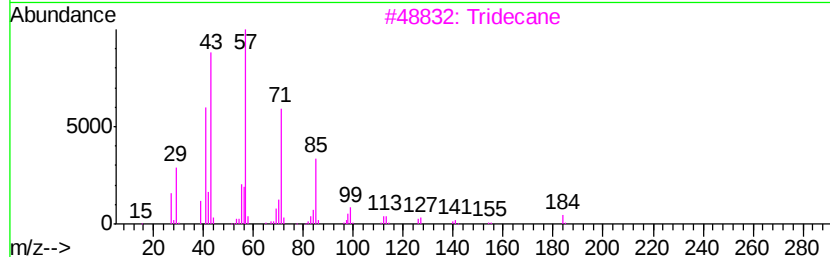
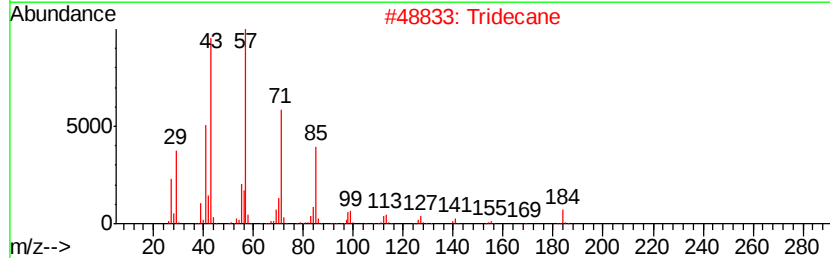
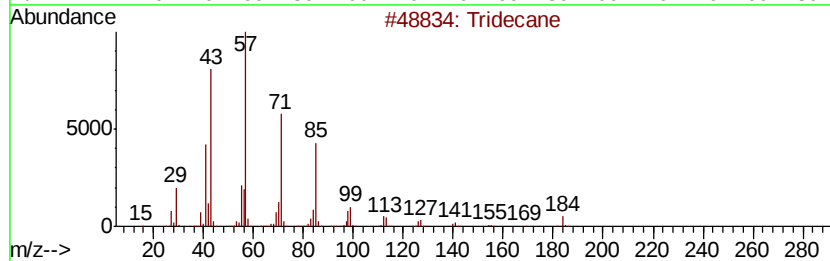
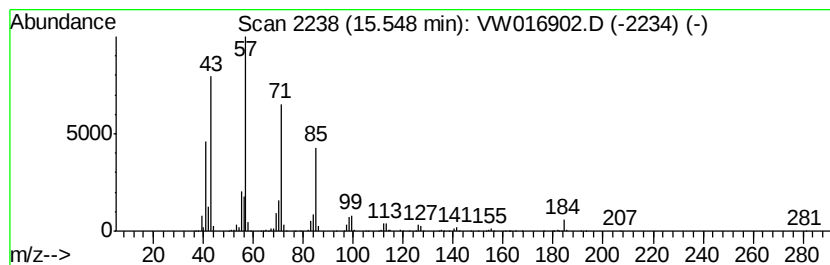
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Quant Title : VOC Analysis

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	16.14 ug/L	537682	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	98
2		Tridecane	184	C13H28	000629-50-5	96
3		Tridecane	184	C13H28	000629-50-5	95
4		Tridecane	184	C13H28	000629-50-5	91
5		Tridecane	184	C13H28	000629-50-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW016902\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

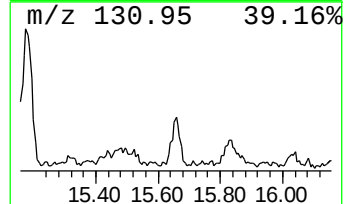
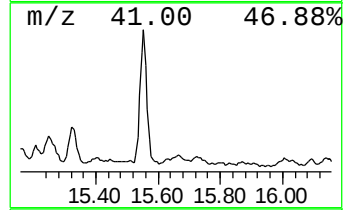
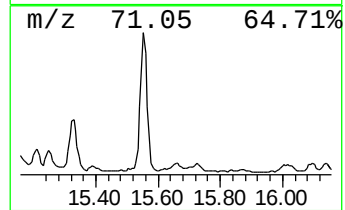
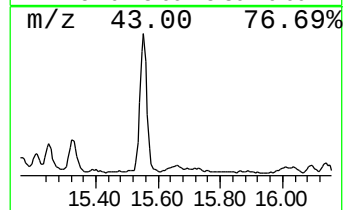
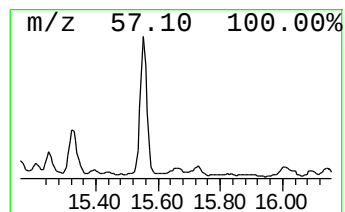
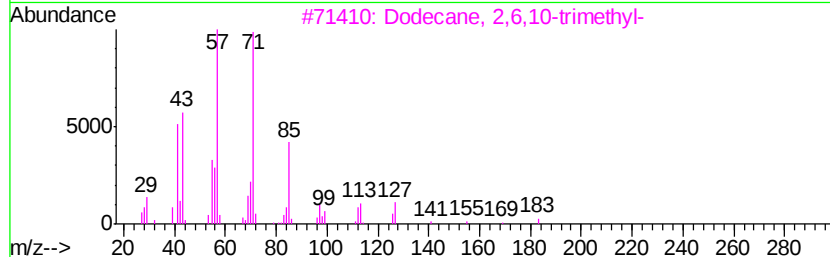
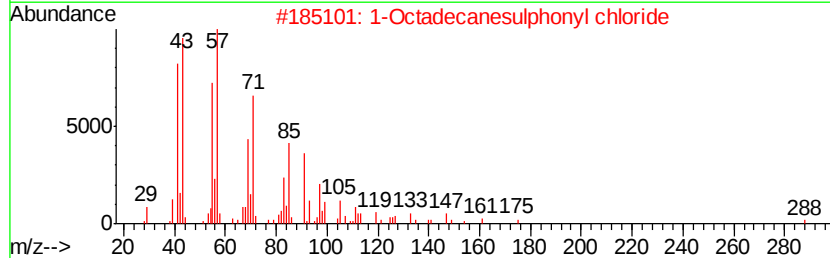
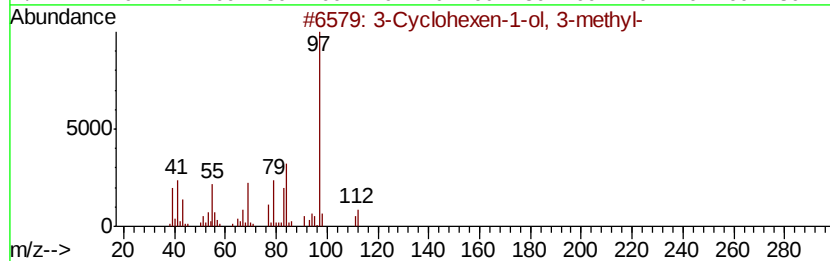
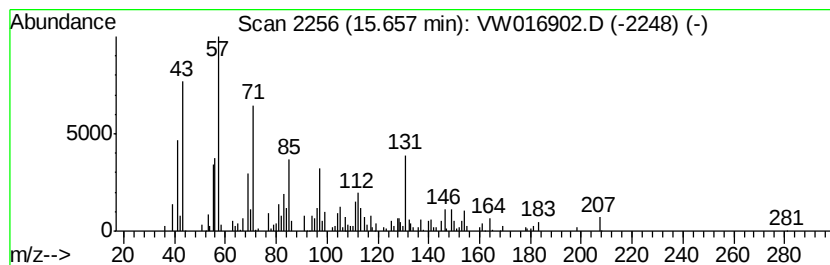
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Quant Title : VOC Analysis

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

Peak Number 51 unknown-09 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.15 ug/L	104984	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	42
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	22
4			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	18
5			Tetradecane	198	C14H30	000629-59-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

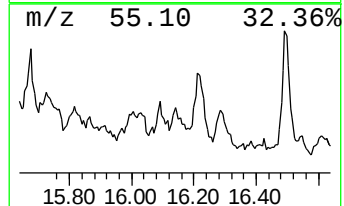
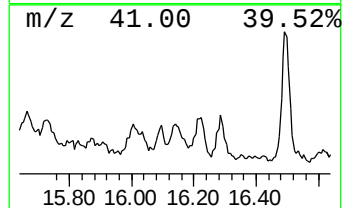
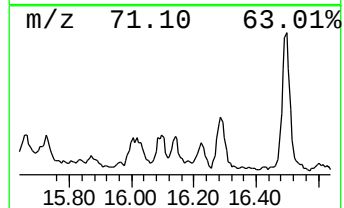
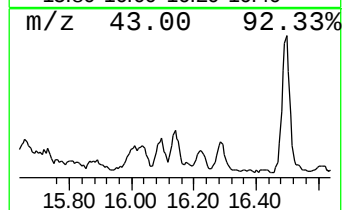
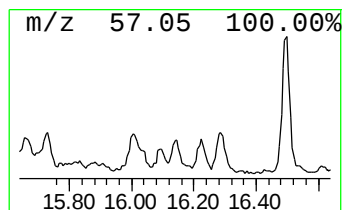
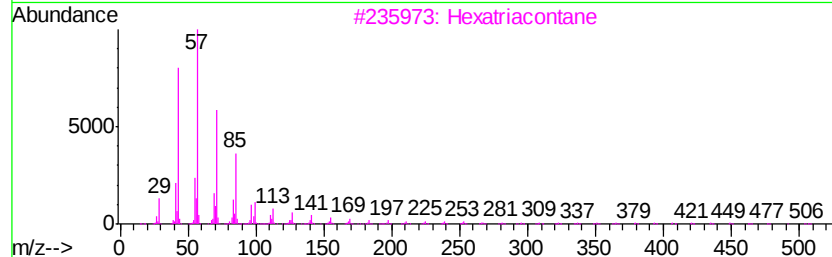
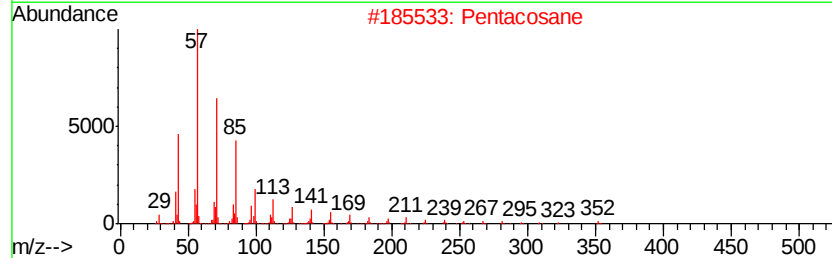
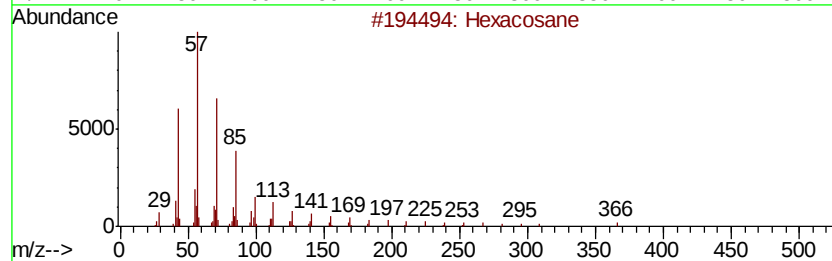
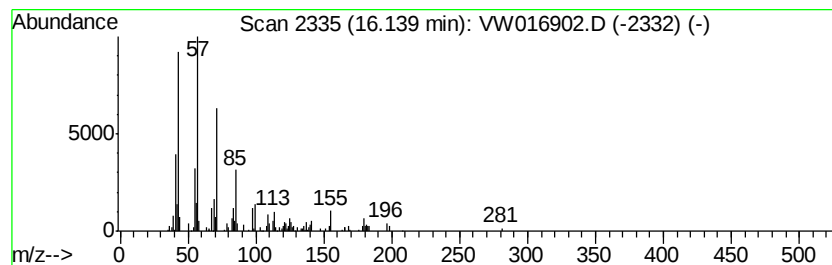
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Quant Title : VOC Analysis

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	1.54 ug/L	51308	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	86
2			Pentacosane	352	C25H52	000629-99-2	86
3			Hexatriacontane	507	C36H74	000630-06-8	80
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW01520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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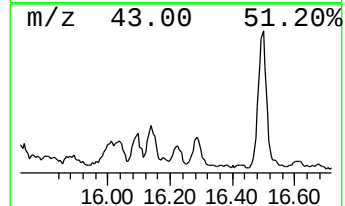
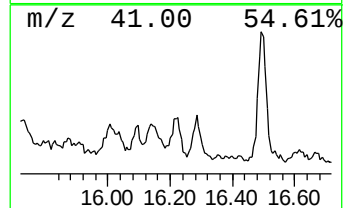
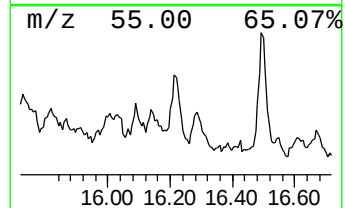
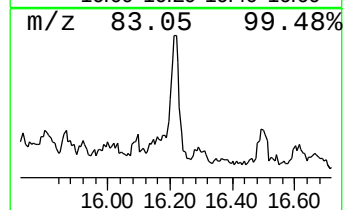
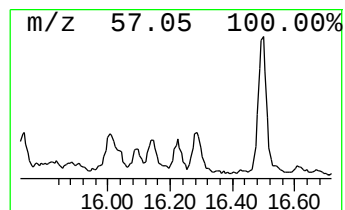
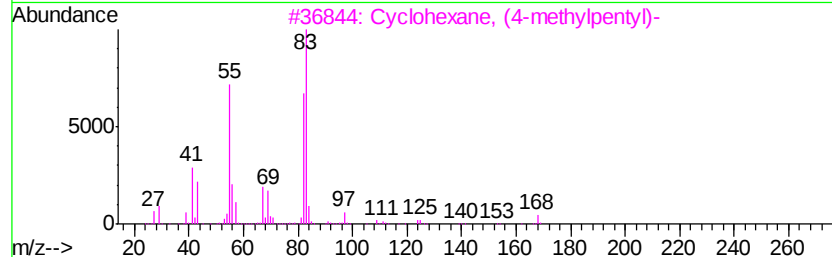
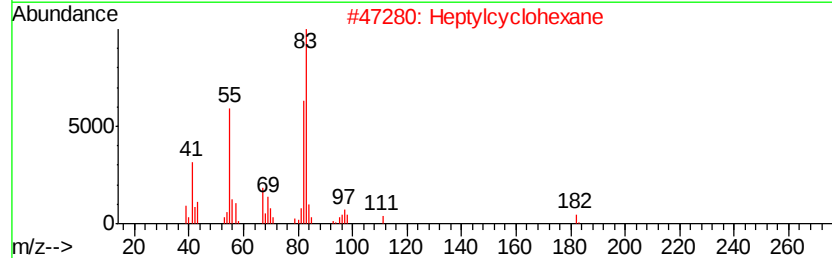
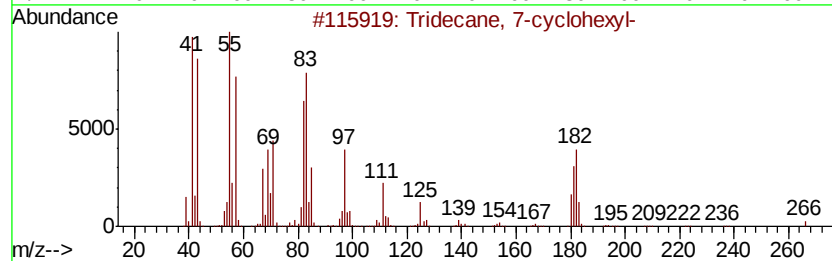
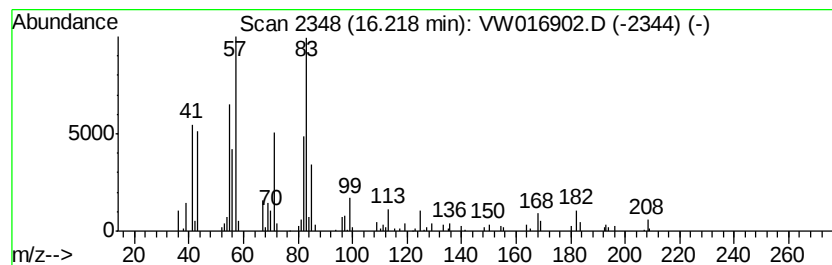
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	1.70 ug/L	56580	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-cvclohexvl-	266	C19H38	013151-92-3	53
2			Heptylcyclohexane	182	C13H26	005617-41-4	45
3			Cvclohexane, (4-methvlpentvl)-	168	C12H24	061142-20-9	43
4			Cvclohexane, pentvl-	154	C11H22	004292-92-6	41
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
 Data File : VW016902.D
 Acq On : 14 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4382-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0

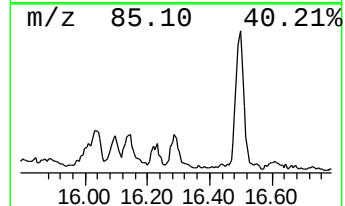
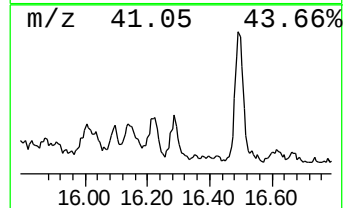
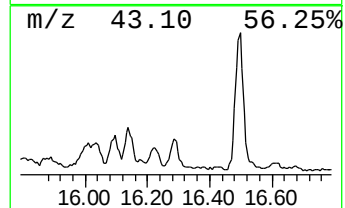
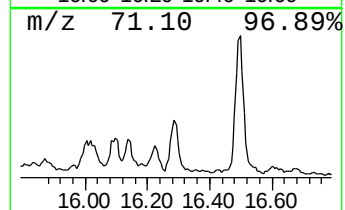
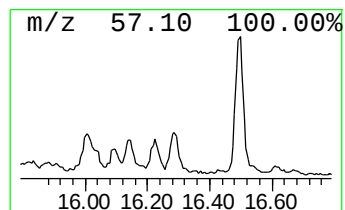
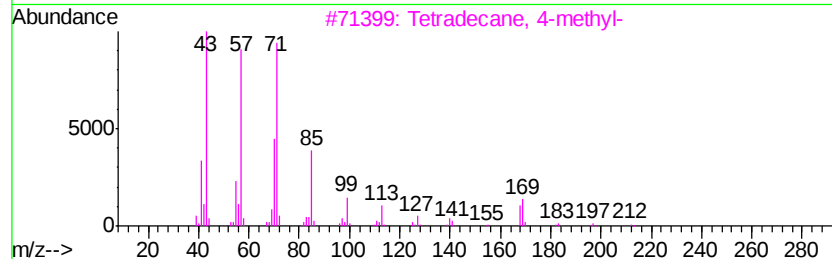
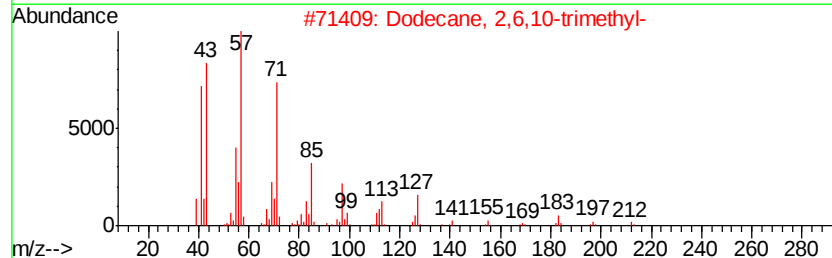
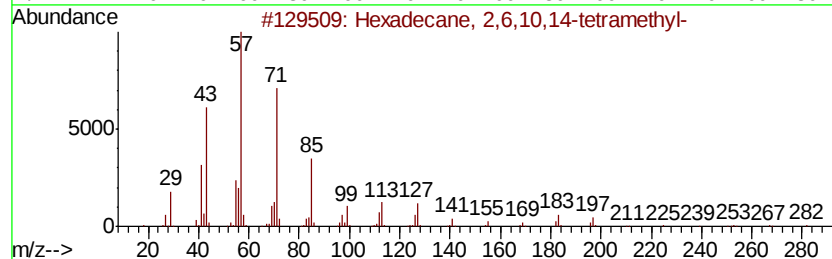
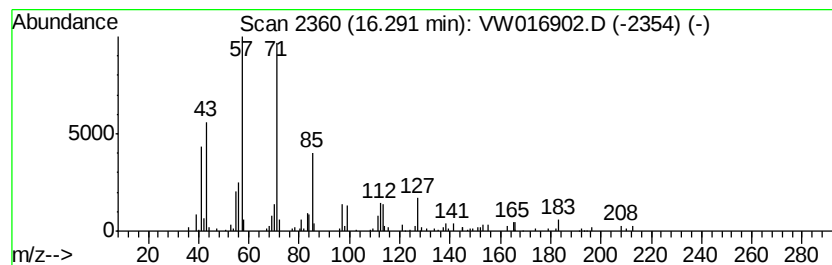
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis

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

 Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.12 ug/L	70648	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW101520\
Data File : VW016902.D
Acq On : 14 Oct 2020 14:00
Operator : SY/VA
Sample : L4382-12
Misc : 5.70G/10ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0

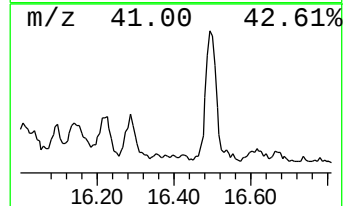
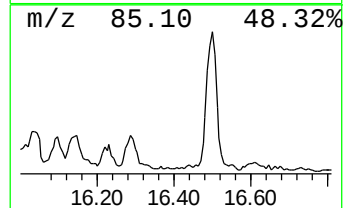
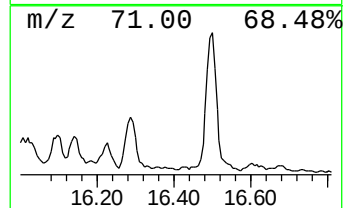
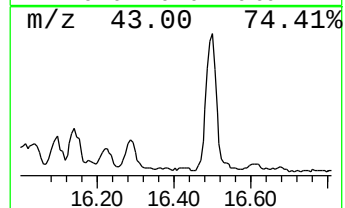
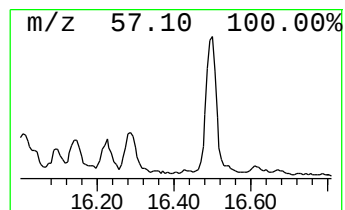
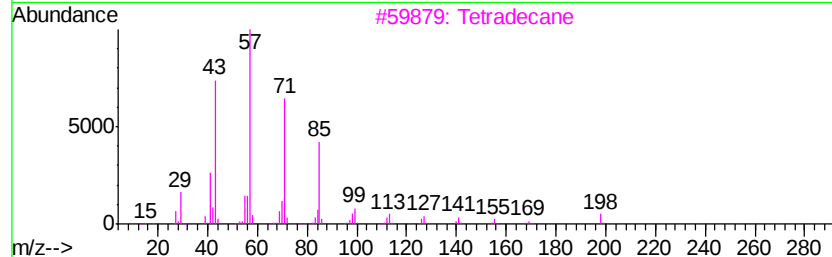
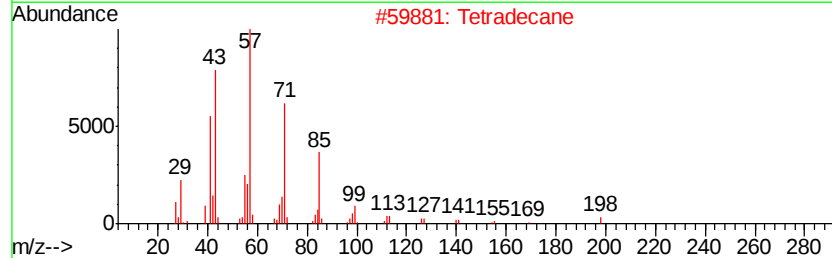
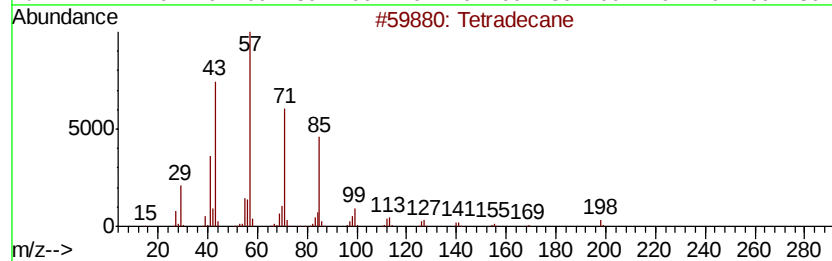
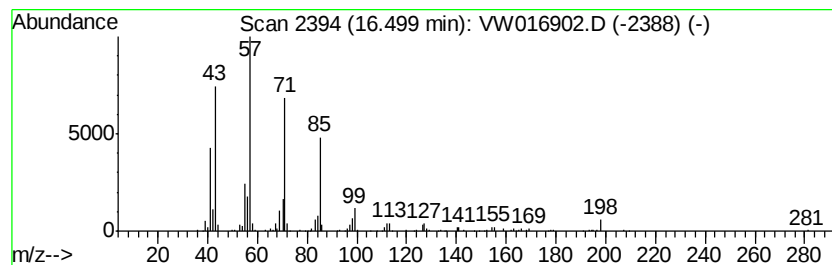
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	5.86 ug/L	195243	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tetradecane	198	C14H30	000629-59-4	95
3			Tetradecane	198	C14H30	000629-59-4	94
4			Tridecane	184	C13H28	000629-50-5	86
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101520\
 Data File : VW016902.D
 Acq On : 14 Oct 2020 14:00
 Operator : SY/VA
 Sample : L4382-12
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.20	3.0	ug/L	113869	1	8.85	942326	25.0
(DEL) Alkane: Str...	11.43	2.5	ug/L	84237	2	11.65	842485	25.0
(DEL) Alkane: Str...	11.52	2.0	ug/L	68087	2	11.65	842485	25.0
(DEL) Alkane: Str...	11.93	1.5	ug/L	48999	2	11.65	842485	25.0
(DEL) Alkane: Str...	12.07	1.3	ug/L	43823	2	11.65	842485	25.0
(DEL) Alkane: Str...	12.26	4.3	ug/L	144362	2	11.65	842485	25.0
(DEL) Alkane: Cyc...	12.32	1.6	ug/L	55222	2	11.65	842485	25.0
Cyclooctene, 3-me...	12.35	2.7	ug/L	91398	2	11.65	842485	25.0
(DEL) Alkane: Str...	12.55	3.0	ug/L	102318	2	11.65	842485	25.0
(DEL) Alkane: Str...	12.57	3.3	ug/L	110593	2	11.65	842485	25.0
unknown-02	12.80	7.5	ug/L	249800	3	13.56	833025	25.0
Benzene, 1-ethyl-...	12.87	13.8	ug/L	459372	3	13.56	833025	25.0
(DEL) Alkane: Str...	12.94	45.1	ug/L	1501300	3	13.56	833025	25.0
(DEL) Alkane: Cyc...	13.00	2.2	ug/L	72652	3	13.56	833025	25.0
Benzene, 1-ethyl-...	13.11	9.7	ug/L	322764	3	13.56	833025	25.0
(DEL) Alkane: Str...	13.17	5.2	ug/L	174338	3	13.56	833025	25.0
Mesitylene	13.26	30.7	ug/L	1021680	3	13.56	833025	25.0
(DEL) Alkane: Str...	13.30	1.6	ug/L	53277	3	13.56	833025	25.0
unknown-03	13.38	1.4	ug/L	47393	3	13.56	833025	25.0
Oxalic acid, 6-et...	13.41	1.3	ug/L	43996	3	13.56	833025	25.0
Benzene, 1-methyl...	13.45	5.5	ug/L	183626	3	13.56	833025	25.0
p-Cymene	13.49	3.6	ug/L	120813	3	13.56	833025	25.0
Benzene, 1,3-diet...	13.72	5.8	ug/L	191933	3	13.56	833025	25.0
Benzene, 1-methyl...	13.76	16.7	ug/L	555519	3	13.56	833025	25.0
Benzene, 2-ethyl-...	13.79	20.9	ug/L	698097	3	13.56	833025	25.0
Benzene, 1-methyl...	13.95	8.5	ug/L	282268	3	13.56	833025	25.0
o-Cymene	14.02	11.8	ug/L	392610	3	13.56	833025	25.0
unknown-04	14.04	16.2	ug/L	540079	3	13.56	833025	25.0
Benzene, 4-ethyl-...	14.10	22.4	ug/L	746525	3	13.56	833025	25.0
unknown-05	14.21	10.4	ug/L	345887	3	13.56	833025	25.0
unknown-06	14.26	4.6	ug/L	154032	3	13.56	833025	25.0
Benzene, 2-ethyl-...	14.34	10.3	ug/L	343557	3	13.56	833025	25.0
Oxirane, decyl-	14.39	7.7	ug/L	255404	3	13.56	833025	25.0
Benzene, 1,2,4,5-...	14.43	14.4	ug/L	480963	3	13.56	833025	25.0
Benzene, 1,2,3,4-...	14.46	15.0	ug/L	500342	3	13.56	833025	25.0
(DEL) Alkane: Str...	14.50	8.2	ug/L	273863	3	13.56	833025	25.0
unknown-07	14.54	3.0	ug/L	100335	3	13.56	833025	25.0
unknown-08	14.64	1.3	ug/L	44742	3	13.56	833025	25.0
1H-Indene, 2,3-di...	14.69	3.0	ug/L	99120	3	13.56	833025	25.0
(DEL) Alkane: Str...	14.72	24.2	ug/L	805019	3	13.56	833025	25.0
1,3-Cyclopentadie...	14.80	16.7	ug/L	555140	3	13.56	833025	25.0
Benzene, 1,4-diet...	15.07	2.0	ug/L	66781	3	13.56	833025	25.0
(DEL) Alkane: Str...	15.16	2.7	ug/L	89907	3	13.56	833025	25.0
(DEL) Alkane: Str...	15.25	4.7	ug/L	157380	3	13.56	833025	25.0
(DEL) Alkane: Str...	15.32	6.0	ug/L	200233	3	13.56	833025	25.0
(DEL) Alkane: Str...	15.55	16.1	ug/L	537682	3	13.56	833025	25.0
unknown-09	15.66	3.1	ug/L	104984	3	13.56	833025	25.0
(DEL) Alkane: Str...	16.14	1.5	ug/L	51308	3	13.56	833025	25.0
(DEL) Alkane: Str...	16.22	1.7	ug/L	56580	3	13.56	833025	25.0

(DEL)	Alkane: Str...	16.29	2.1 ug/L	70648	3	13.56	833025	25.0
(DEL)	Alkane: Str...	16.50	5.9 ug/L	195243	3	13.56	833025	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG3Y0