

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
 Data File : VW003387.D
 Acq On : 21 Jun 2018 15:02
 Operator : SY/AP
 Sample : J3569-18RE
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT1RE

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\SOM2WLM062018S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	18	27	28	rBV	10651	20302	0.01%	0.001%
2	1.807	28	36	56	rVV	5229398	10855595	7.01%	0.718%
3	1.953	56	60	73	rVB3	13492	34768	0.02%	0.002%
4	2.349	116	125	135	rBV	105129	199292	0.13%	0.013%
5	2.496	144	149	157	rBV	13152	32191	0.02%	0.002%
6	2.886	205	213	228	rVB	65362	177309	0.11%	0.012%
7	4.008	385	397	409	rBV	130850	415634	0.27%	0.027%
8	4.129	409	417	423	rVV	53326	179521	0.12%	0.012%
9	4.197	423	428	444	rVV2	74863	223889	0.14%	0.015%
10	4.373	447	457	469	rVB	35780	114264	0.07%	0.008%
11	4.806	514	528	537	rBV3	25147	98739	0.06%	0.007%
12	4.910	539	545	554	rVB2	12583	39315	0.03%	0.003%
13	5.788	683	689	700	rVB6	4167	13831	0.01%	0.001%
14	5.934	702	713	724	rVB3	6217	20680	0.01%	0.001%
15	7.092	893	903	910	rBV	29632	90748	0.06%	0.006%
16	7.184	910	918	931	rVB2	38137	124809	0.08%	0.008%
17	7.647	984	994	1008	rVB	199805	486405	0.31%	0.032%
18	8.031	1047	1057	1066	rVB2	67112	156270	0.10%	0.010%
19	8.281	1087	1098	1114	rBV2	371189	1138457	0.73%	0.075%
20	8.555	1134	1143	1151	rBV8	5859	15511	0.01%	0.001%
21	8.708	1159	1168	1177	rBV3	12839	34253	0.02%	0.002%
22	8.848	1182	1191	1202	rBV	360201	707365	0.46%	0.047%
23	9.098	1220	1232	1240	rBV6	10325	28451	0.02%	0.002%
24	9.281	1252	1262	1279	rBV	257598	545735	0.35%	0.036%
25	9.439	1282	1288	1298	rVB	8709	18497	0.01%	0.001%
26	9.970	1367	1375	1381	rBV	74712	133127	0.09%	0.009%
27	10.037	1381	1386	1393	rVV	125848	222944	0.14%	0.015%
28	10.330	1425	1434	1440	rBV	452614	804774	0.52%	0.053%
29	10.390	1440	1444	1455	rVB	103063	195162	0.13%	0.013%
30	10.512	1455	1464	1467	rBV3	20381	38627	0.02%	0.003%
31	10.579	1467	1475	1482	rVB2	81434	158273	0.10%	0.010%
32	10.933	1525	1533	1539	rBV	144460	252343	0.16%	0.017%
33	11.073	1551	1556	1561	rVB3	13797	22976	0.01%	0.002%
34	11.268	1583	1588	1597	rVB	38389	65864	0.04%	0.004%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Title : VOC Analysis

35	11.445	1605	1617	1626	rVB3	16205	40913	0.03%	0.003%
36	11.634	1641	1648	1652	rBV2	568120	966032	0.62%	0.064%
37	11.720	1658	1662	1672	rVB4	19908	51749	0.03%	0.003%
38	11.848	1675	1683	1693	rVB2	33996	75085	0.05%	0.005%
39	12.024	1707	1712	1717	rVB2	9565	14096	0.01%	0.001%
40	12.165	1724	1735	1743	rBV2	43441	91822	0.06%	0.006%
41	12.256	1743	1750	1756	rVB4	19245	39960	0.03%	0.003%
42	12.347	1759	1765	1766	rBV5	8662	12861	0.01%	0.001%
43	12.476	1778	1786	1790	rBV3	28419	49811	0.03%	0.003%
44	12.543	1790	1797	1799	rBV6	14610	25132	0.02%	0.002%
45	12.610	1799	1808	1813	rVV	7618913	10955842	7.07%	0.725%
46	12.652	1813	1815	1819	rVV2	292540	389912	0.25%	0.026%
47	12.701	1819	1823	1830	rVB	155402	268943	0.17%	0.018%
48	12.811	1836	1841	1847	rBV	152135	260052	0.17%	0.017%
49	12.878	1847	1852	1854	rVV	549102	869839	0.56%	0.058%
50	12.908	1854	1857	1860	rVV	379385	606105	0.39%	0.040%
51	12.951	1860	1864	1871	rVB	799092	1299694	0.84%	0.086%
52	13.067	1878	1883	1884	rBV2	22960	31018	0.02%	0.002%
53	13.110	1884	1890	1898	rVV	534224	940581	0.61%	0.062%
54	13.177	1898	1901	1903	rBV2	21771	26110	0.02%	0.002%
55	13.201	1903	1905	1908	rVB	20841	22004	0.01%	0.001%
56	13.262	1908	1915	1926	rVB	8810706	13393096	8.65%	0.886%
57	13.390	1926	1936	1940	rBV3	697371	1810726	1.17%	0.120%
58	13.451	1940	1946	1951	rVB2	1763456	3363344	2.17%	0.223%
59	13.506	1951	1955	1962	rVB	955726	1498390	0.97%	0.099%
60	13.597	1962	1970	1976	rBV	12367848	19125695	12.35%	1.265%
61	13.731	1985	1992	1993	rBV	11833406	14854525	9.59%	0.983%
62	13.762	1993	1997	2000	rVV2	37749393	60113483	38.81%	3.977%
63	13.805	2000	2004	2015	rVV4	66365690	128632961	83.04%	8.510%
64	13.896	2015	2019	2024	rVV2	3014192	4653732	3.00%	0.308%
65	13.963	2024	2030	2035	rVV	19097219	28520580	18.41%	1.887%
66	14.024	2035	2040	2043	rVV2	40088584	68506063	44.23%	4.532%
67	14.054	2043	2045	2050	rVV2	44548331	62068282	40.07%	4.106%
68	14.115	2050	2055	2061	rVV2	86833751	144884684	93.53%	9.585%
69	14.219	2061	2072	2077	rVV2	21483815	39423573	25.45%	2.608%
70	14.292	2077	2084	2089	rVV4	4362401	11904766	7.69%	0.788%
71	14.353	2089	2094	2099	rVV	24622236	37924362	24.48%	2.509%

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72	14.439	2099	2108	2111	rVV2	67037472	122018347	78.77%	8.072%
73	14.481	2111	2115	2118	rVV3	83428271	144174708	93.08%	9.538%
74	14.518	2118	2121	2124	rVV	37695064	54694030	35.31%	3.618%
75	14.554	2124	2127	2134	rVV	25337707	43095282	27.82%	2.851%
76	14.621	2134	2138	2140	rVV	8573131	13385109	8.64%	0.885%
77	14.658	2140	2144	2147	rVV	16060619	24419656	15.76%	1.615%
78	14.707	2147	2152	2156	rVV2	32578796	60947843	39.35%	4.032%
79	14.749	2156	2159	2163	rVV	25197787	35672765	23.03%	2.360%
80	14.810	2163	2169	2176	rVV4	64128733	154899690	100.00%	10.247%
81	14.871	2176	2179	2184	rVV	25129408	38743800	25.01%	2.563%
82	14.914	2184	2186	2193	rVV4	2755357	5280471	3.41%	0.349%
83	14.999	2193	2200	2205	rVV2	3138863	7330246	4.73%	0.485%
84	15.042	2205	2207	2208	rVV	1369544	1446242	0.93%	0.096%
85	15.085	2208	2214	2225	rVV	25028154	56696247	36.60%	3.751%
86	15.188	2225	2231	2238	rVV2	10523943	20242043	13.07%	1.339%
87	15.268	2238	2244	2249	rVV4	643624	1634758	1.06%	0.108%
88	15.329	2249	2254	2257	rVV	1226905	2338991	1.51%	0.155%
89	15.384	2257	2263	2269	rVV	13208691	23723254	15.32%	1.569%
90	15.432	2269	2271	2274	rVV2	335983	423377	0.27%	0.028%
91	15.487	2274	2280	2284	rVV	3051447	5700022	3.68%	0.377%
92	15.536	2284	2288	2298	rVB5	1085111	2625164	1.69%	0.174%
93	15.670	2303	2310	2317	rVV	2038928	4367833	2.82%	0.289%
94	15.743	2320	2322	2326	rVV	394164	654320	0.42%	0.043%
95	15.798	2326	2331	2334	rVV2	692289	1516335	0.98%	0.100%
96	15.841	2335	2338	2349	rVV	856072	2136313	1.38%	0.141%
97	15.963	2349	2358	2365	rVV	1747959	3745946	2.42%	0.248%
98	16.048	2365	2372	2387	rVB2	406651	984570	0.64%	0.065%
99	16.456	2432	2439	2446	rBV	1181348	2416647	1.56%	0.160%
100	16.658	2464	2472	2483	rVB	371078	895343	0.58%	0.059%

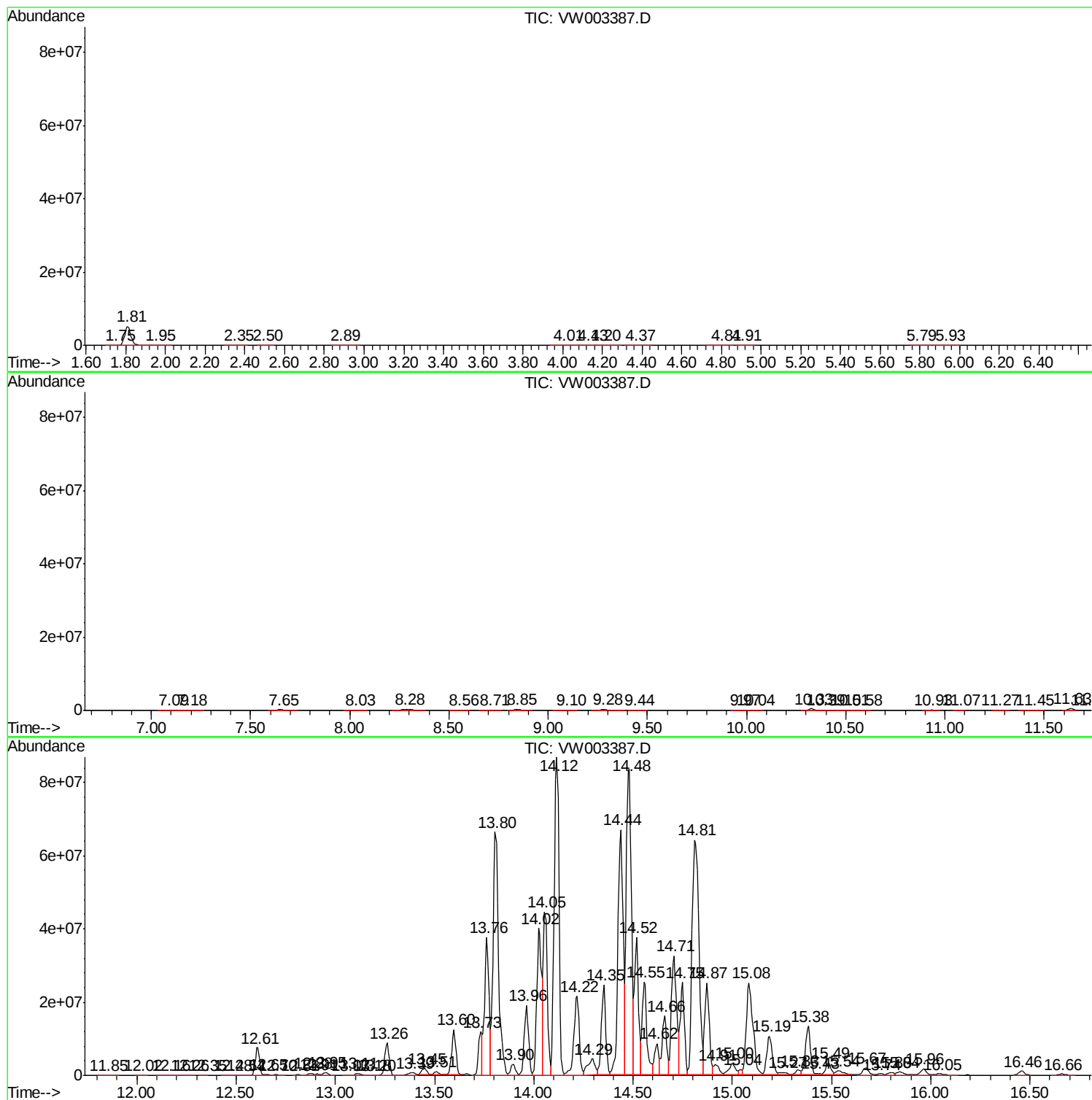
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Instrument :
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ClientSampleId :
DAXT1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



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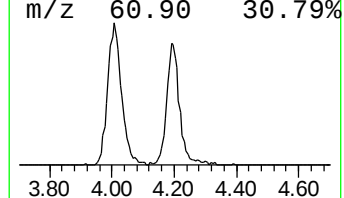
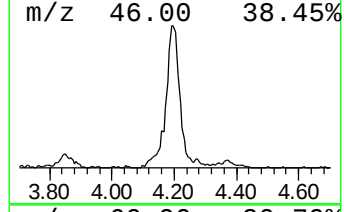
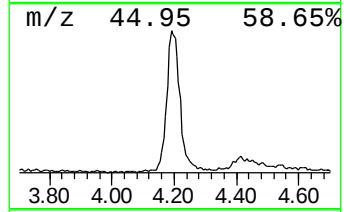
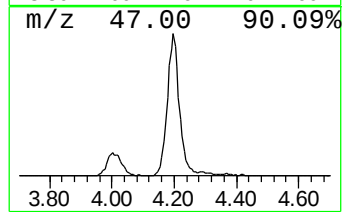
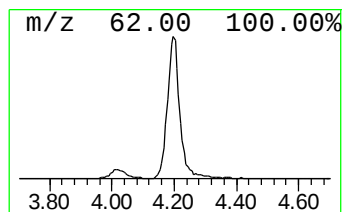
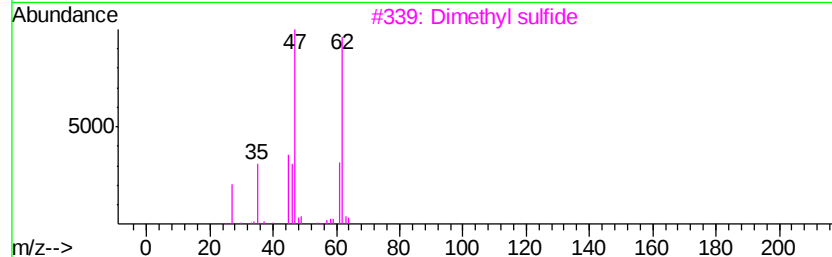
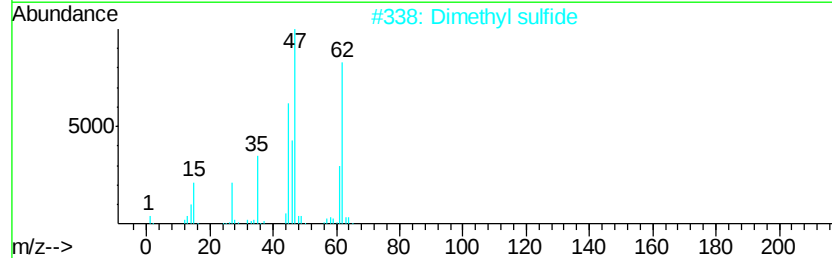
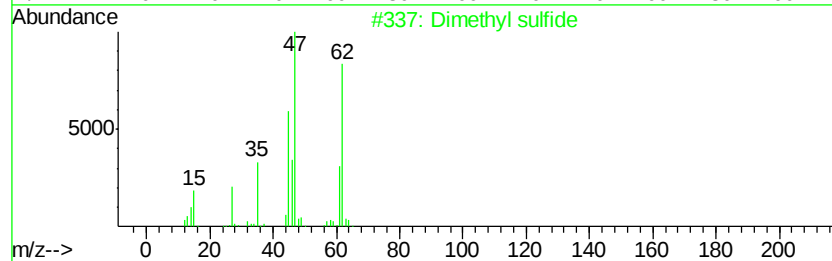
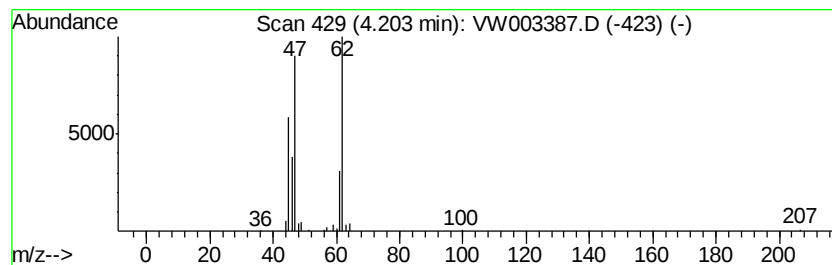
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 2 Dimethyl sulfide Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	7.91 ug/L	223889	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	97
2		Dimethyl sulfide	62	C2H6S	000075-18-3	97
3		Dimethyl sulfide	62	C2H6S	000075-18-3	95
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	80



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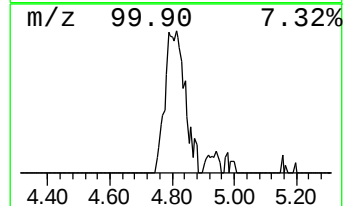
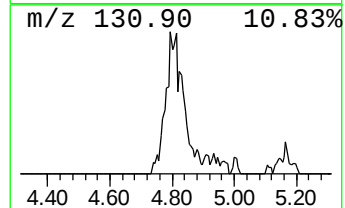
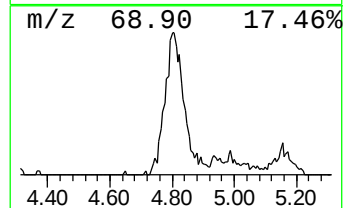
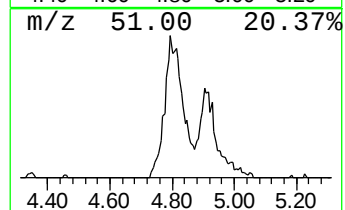
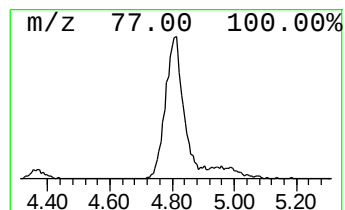
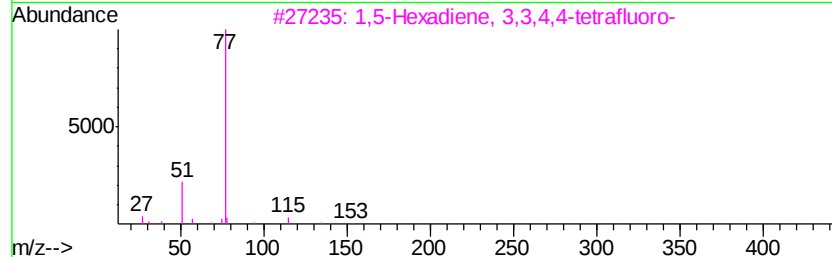
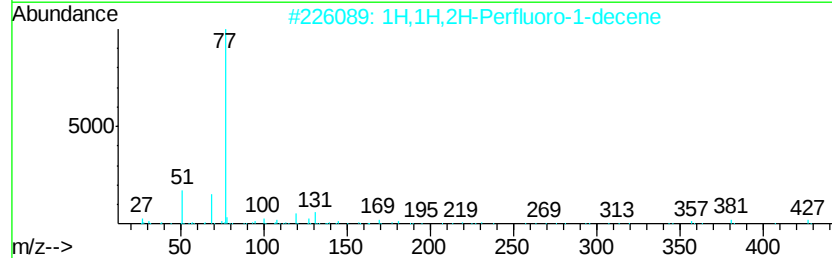
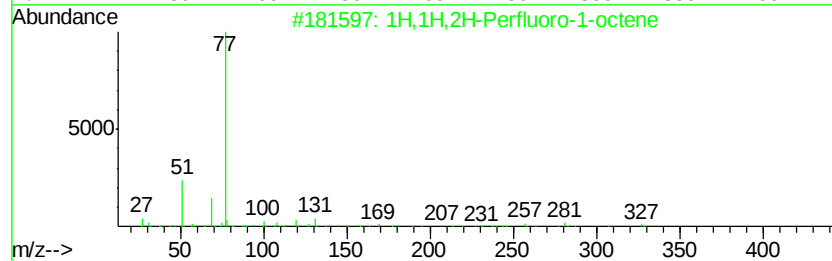
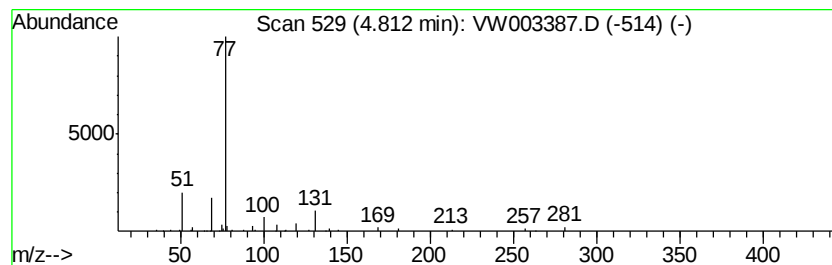
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H,1H,2H-Perfluoro-1-octene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	3.49 ug/L	98739	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H,1H,2H-Perfluoro-1-octene	346	C8H3F13	025291-17-2	72
2		1H,1H,2H-Perfluoro-1-decene	446	C10H3F17	021652-58-4	56
3		1,5-Hexadiene, 3,3,4,4-tetrafluoro-	154	C6H6F4	001763-21-9	38
4		1-Butene, 4-bromo-3,3,4,4-tetrafluoro-	206	C4H3BrF4	018599-22-9	36
5		1H,1H,7H-Dodecafluoro-1-heptanol	332	C7H4F12O	000335-99-9	9



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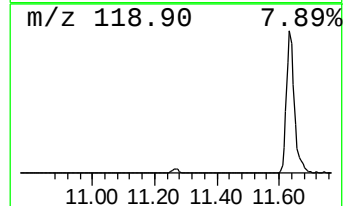
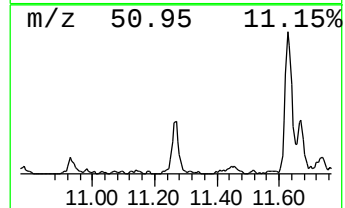
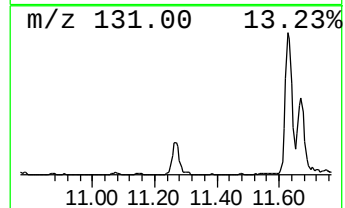
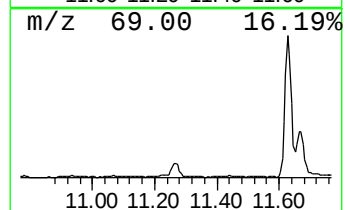
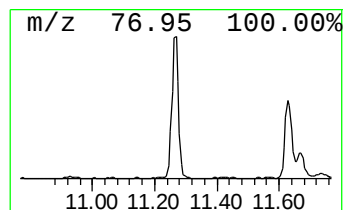
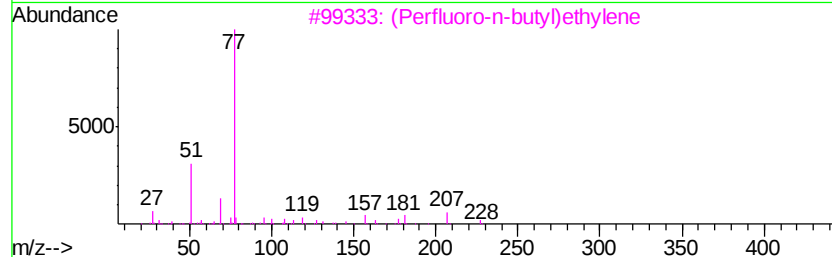
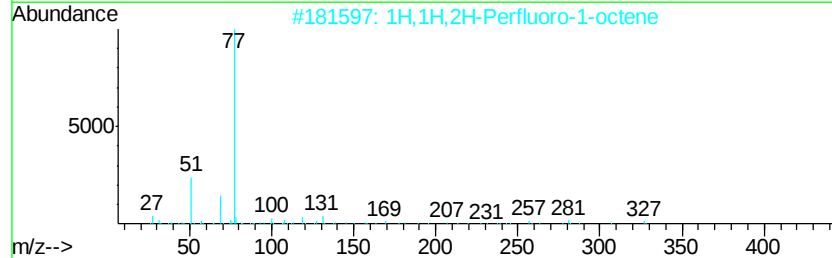
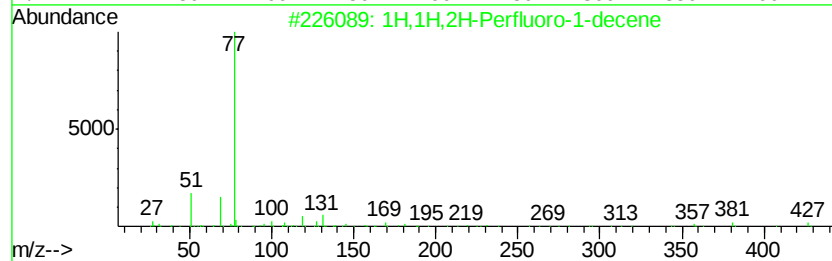
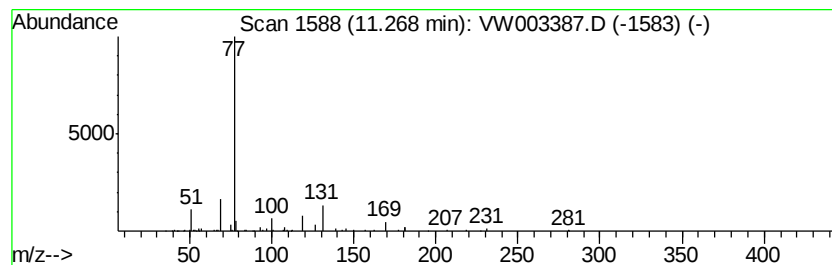
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Quant Title : VOC Analysis

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

Peak Number 7 1H,1H,2H-Perfluoro-1-decene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	1.70 ug/L	65864	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H,1H,2H-Perfluoro-1-decene	446	C10H3F17	021652-58-4	83
2		1H,1H,2H-Perfluoro-1-octene	346	C8H3F13	025291-17-2	45
3		(Perfluoro-n-butyl)ethylene	246	C6H3F9	019430-93-4	9
4		1-Octanol, 2,2,3,3,4,4,5,5,6,6,7...	400	C8H3F150	000307-30-2	9
5		1,5-Octadiene, 3,3,4,4,7,7,8,8,8...	272	C8H5F9	040723-75-9	4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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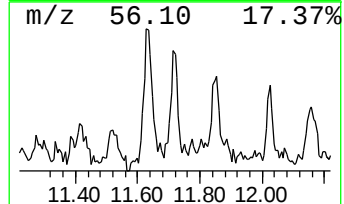
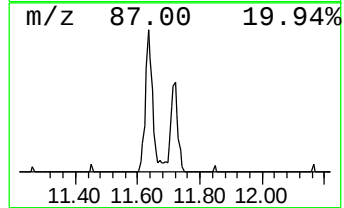
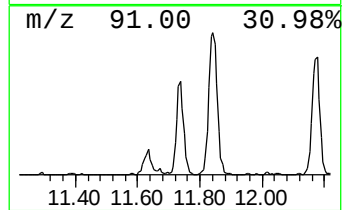
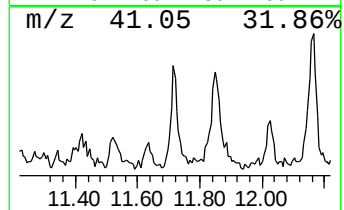
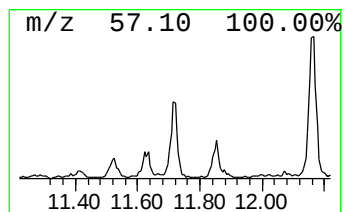
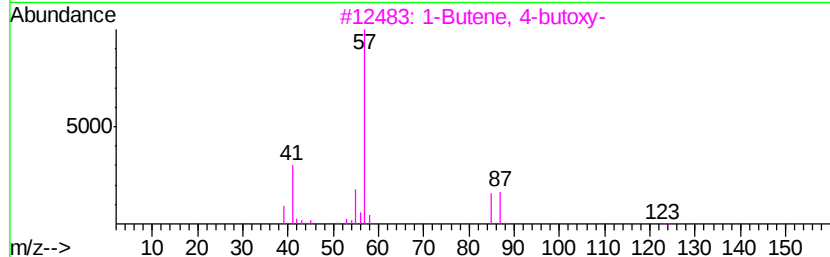
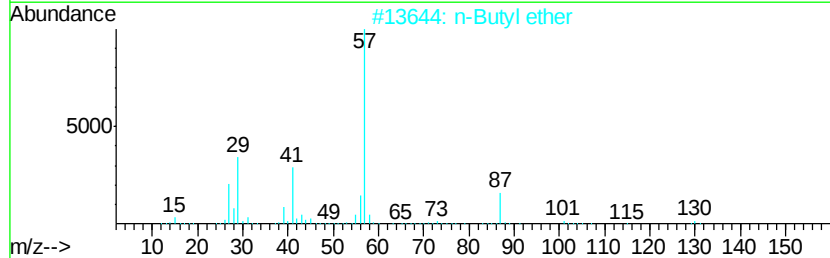
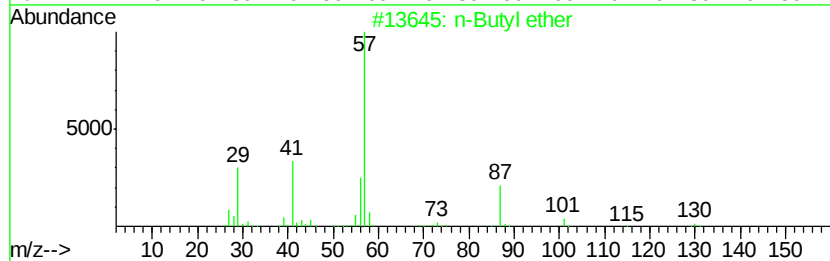
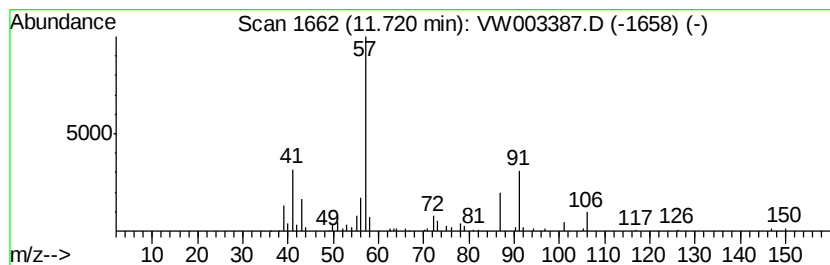
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	1.34 ug/L	51749	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Butyl ether	130	C8H18O	000142-96-1	42
2		n-Butyl ether	130	C8H18O	000142-96-1	40
3		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	37
4		2-Propanol, 1-(2-butoxyethoxy)-	176	C9H20O3	000124-16-3	36
5		Propanoic acid, 1-methylpropyl e...	130	C7H14O2	000591-34-4	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

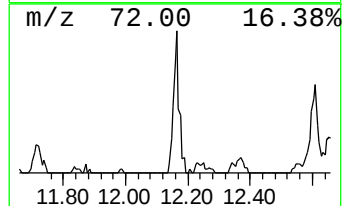
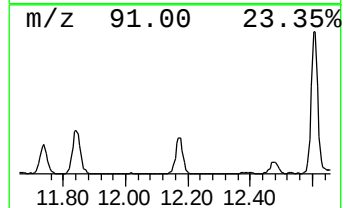
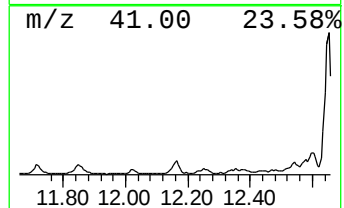
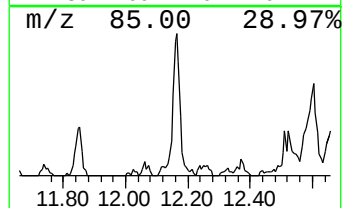
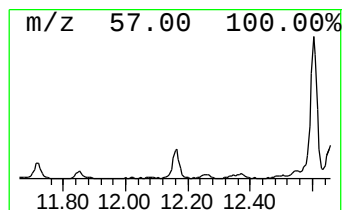
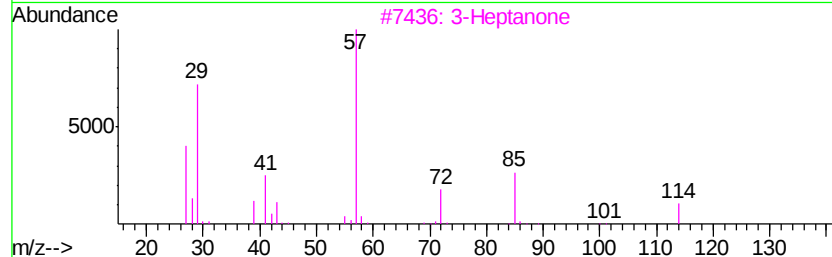
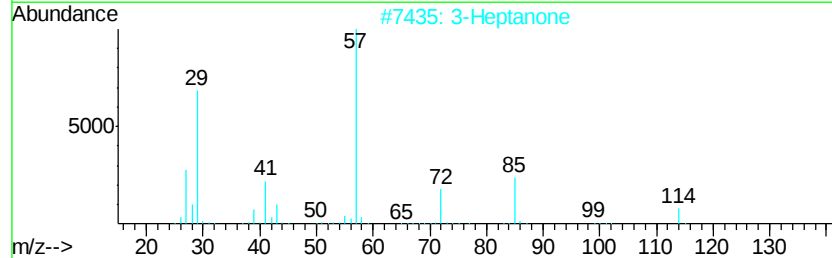
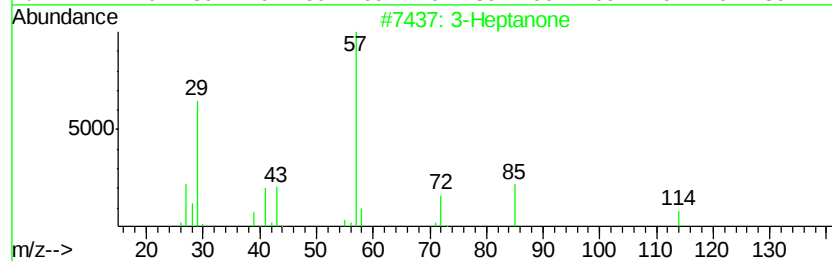
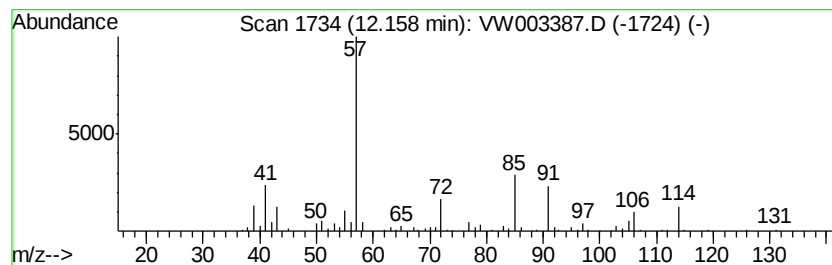
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Quant Title : VOC Analysis

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

Peak Number 10 3-Heptanone Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.38 ug/L	91822	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptanone	114	C7H14O	000106-35-4	52
2		3-Heptanone	114	C7H14O	000106-35-4	52
3		3-Heptanone	114	C7H14O	000106-35-4	52
4		3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	43
5		3-Heptanone	114	C7H14O	000106-35-4	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXTIRE

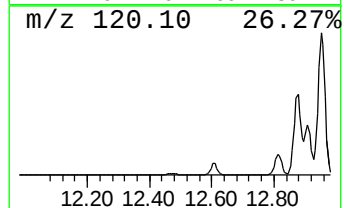
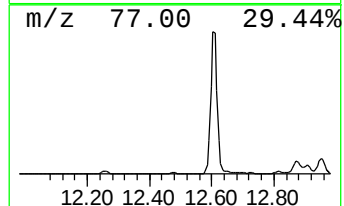
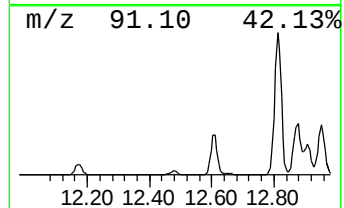
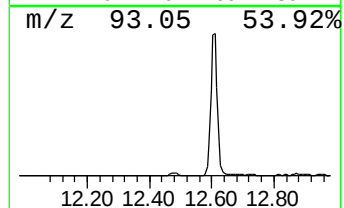
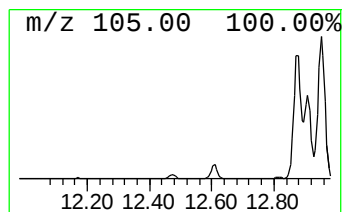
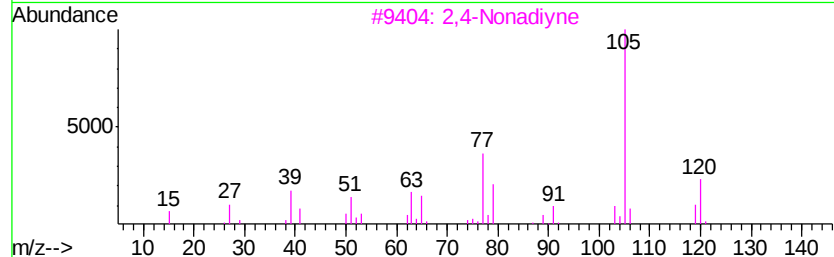
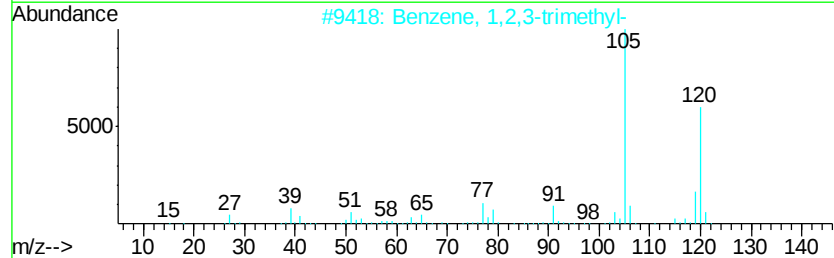
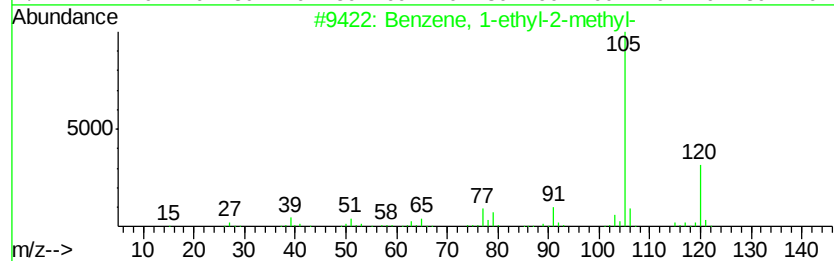
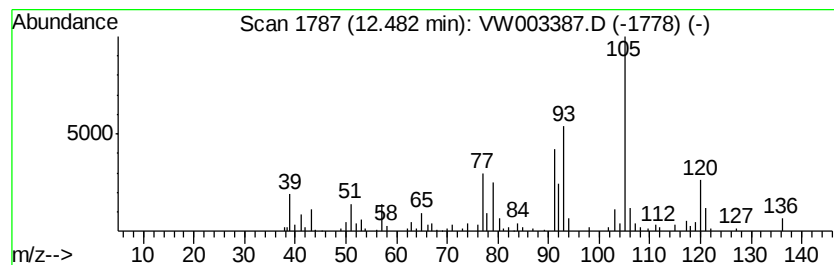
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.29 ug/L	49811	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	52
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	47
3		2,4-Nonadiyne	120	C9H12	063621-15-8	46
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	43
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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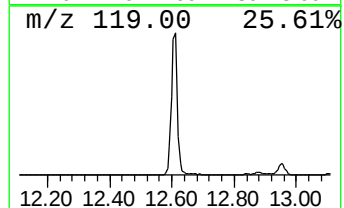
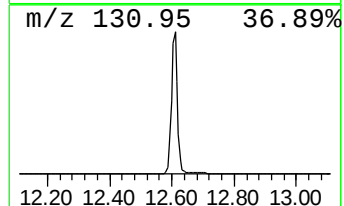
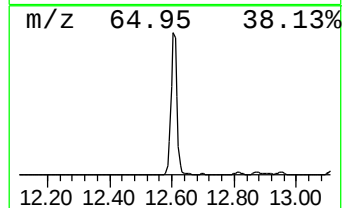
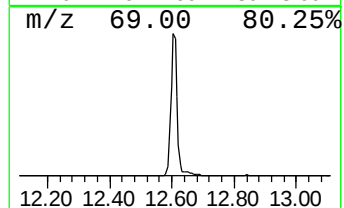
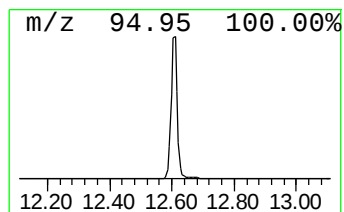
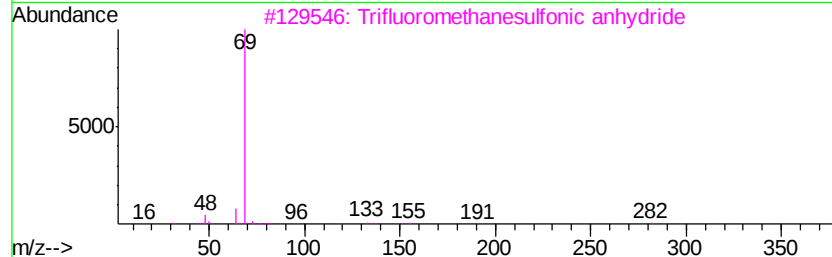
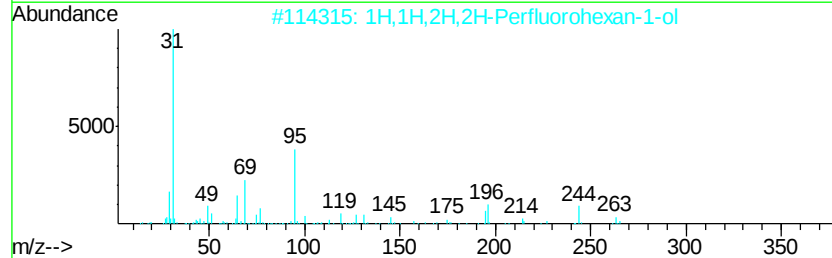
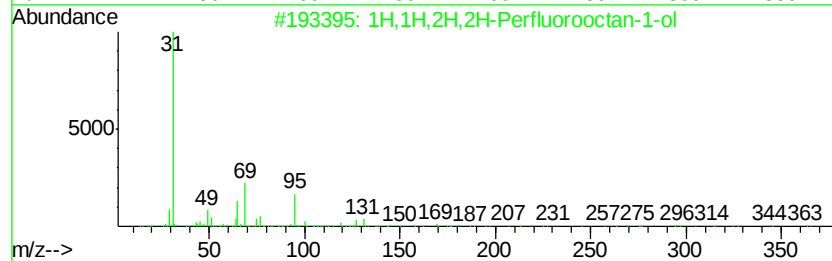
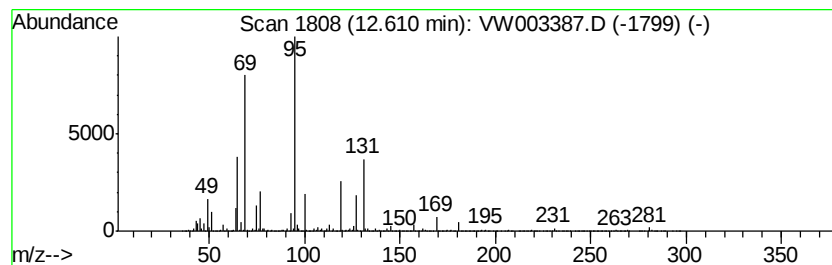
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Quant Title : VOC Analysis

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

Peak Number 12 1H,1H,2H,2H-Perfluorooctan-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	14.32 ug/L	10955800	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H,1H,2H,2H-Perfluorooctan-1-ol	364	C8H5F13O	000647-42-7	72
2		1H,1H,2H,2H-Perfluorohexan-1-ol	264	C6H5F9O	002043-47-2	32
3		Trifluoromethanesulfonic anhydride	282	C2F6O5S2	000358-23-6	10
4		7-Octene-1,2-diol	144	C8H16O2	085866-02-0	9
5		1H,1H-Perfluoro-1-heptanol	350	C7H3F13O	000375-82-6	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

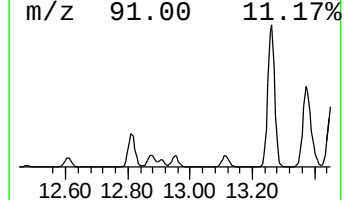
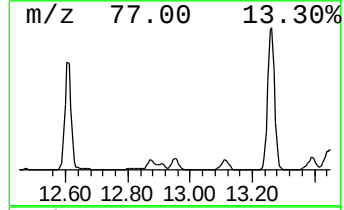
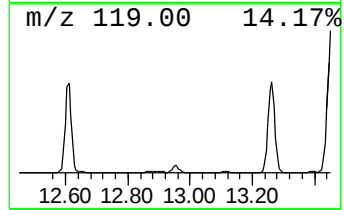
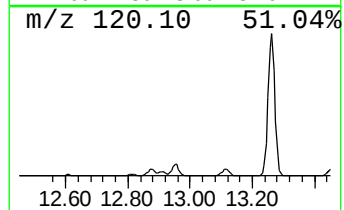
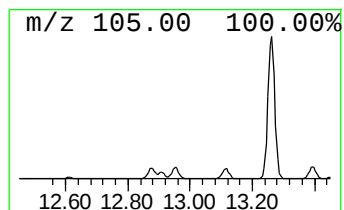
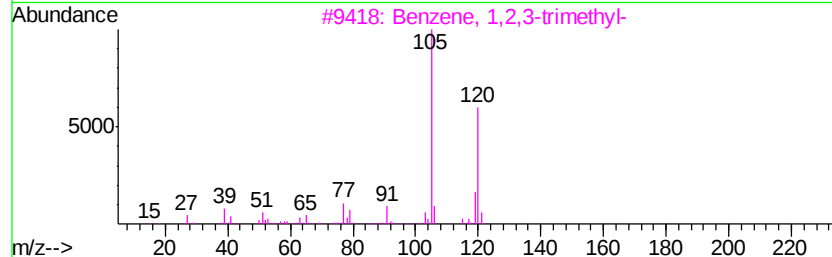
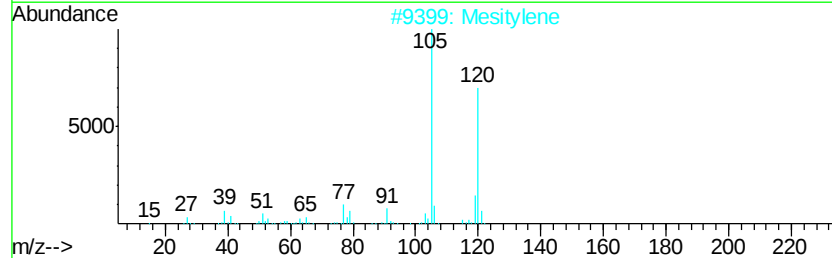
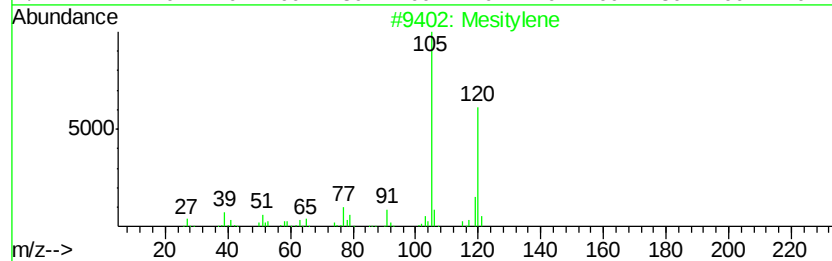
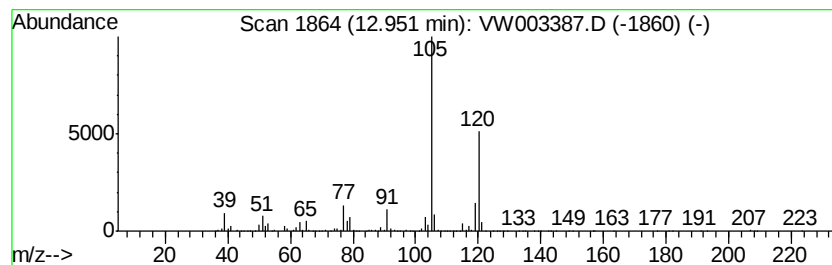
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Quant Title : VOC Analysis

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

Peak Number 13 Mesitylene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	1.70 ug/L	1299690	1,4-Dichlorobenzene-d4	13.57

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXTIRE

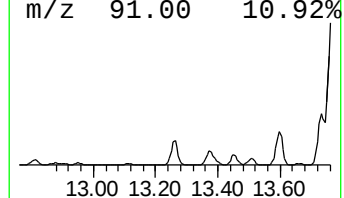
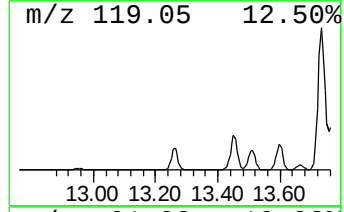
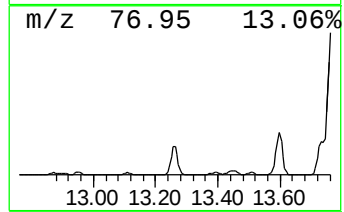
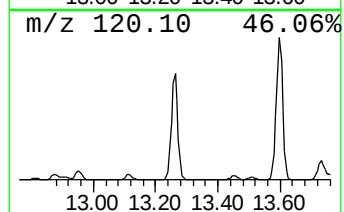
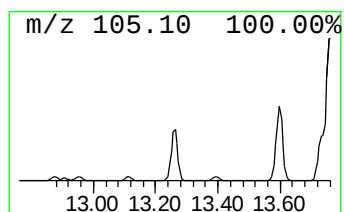
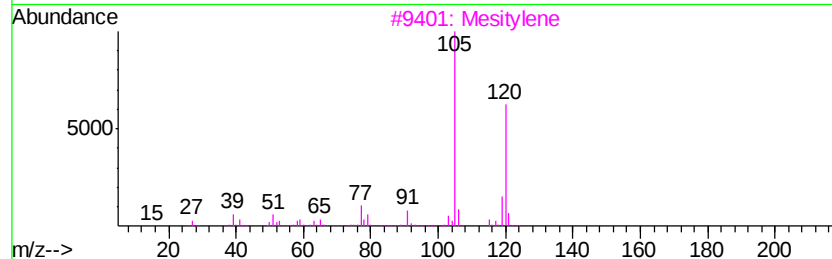
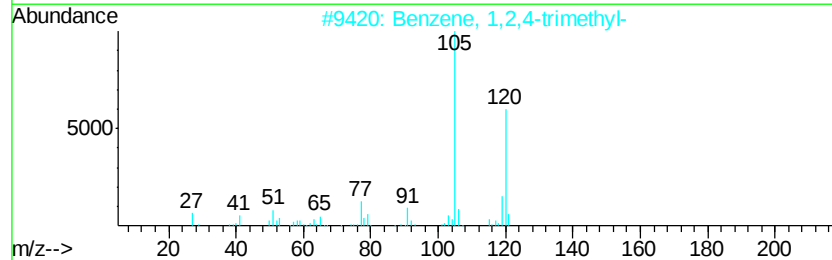
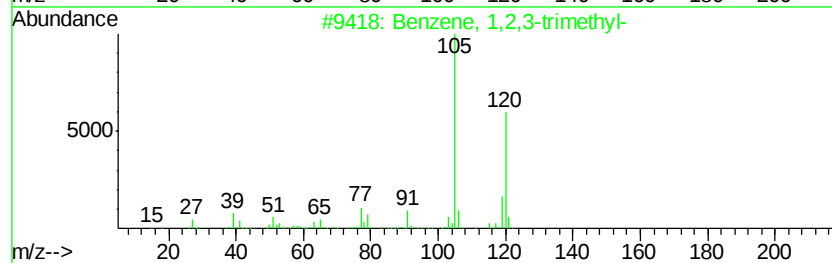
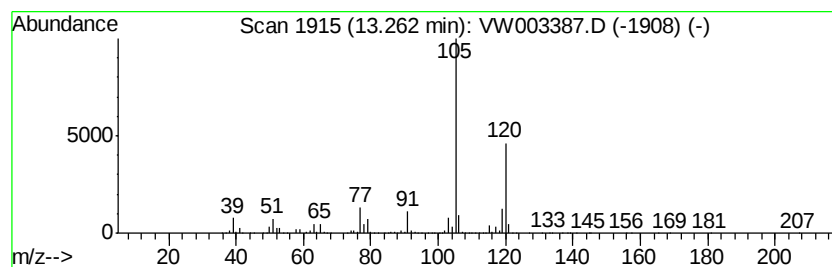
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	17.51 ug/L	13393100	1,4-Dichlorobenzene-d4	13.57

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXTIRE

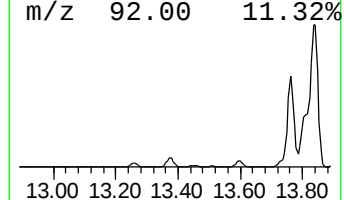
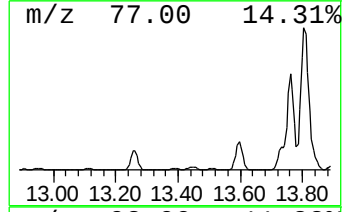
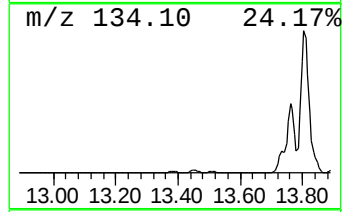
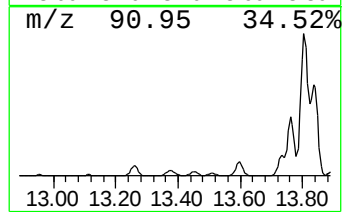
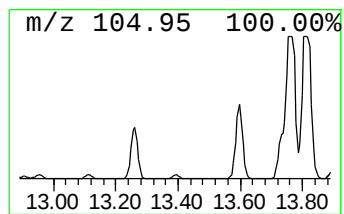
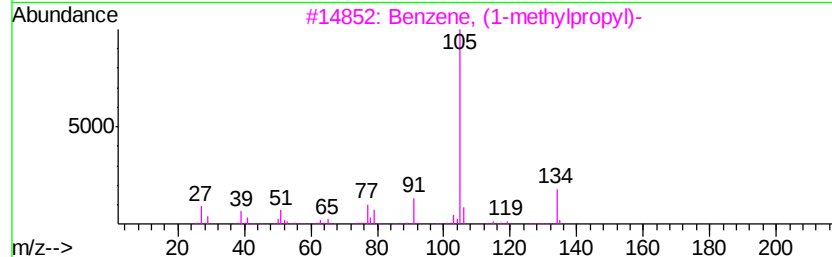
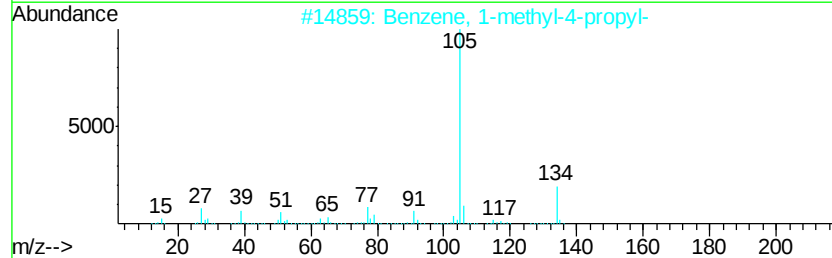
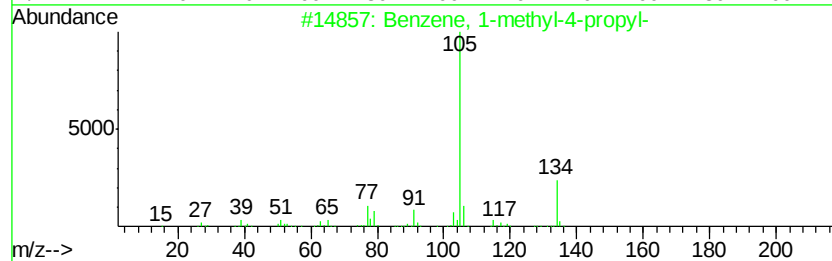
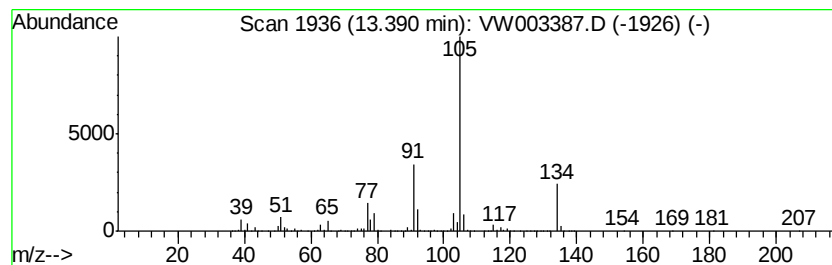
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.37 ug/L	1810730	1,4-Dichlorobenzene-d4	13.57

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	87
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

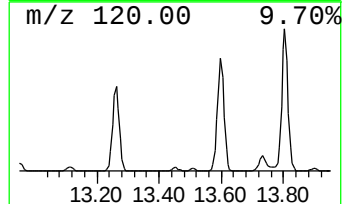
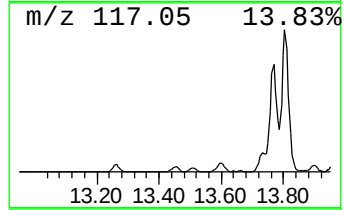
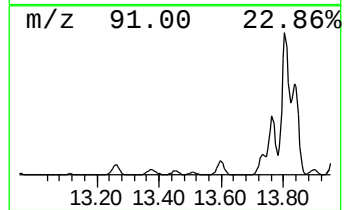
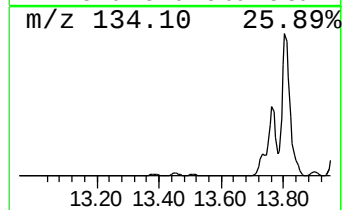
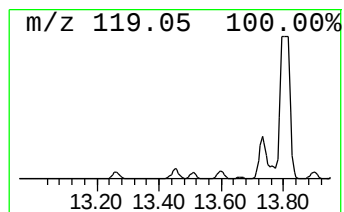
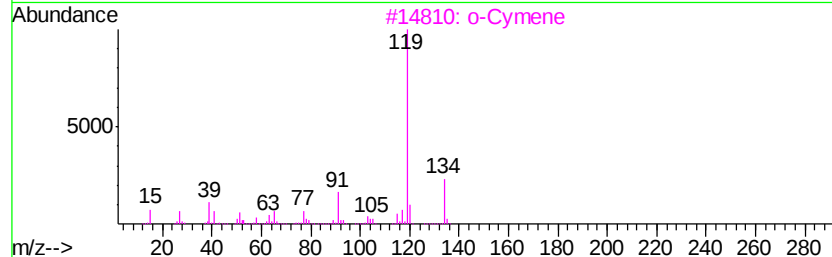
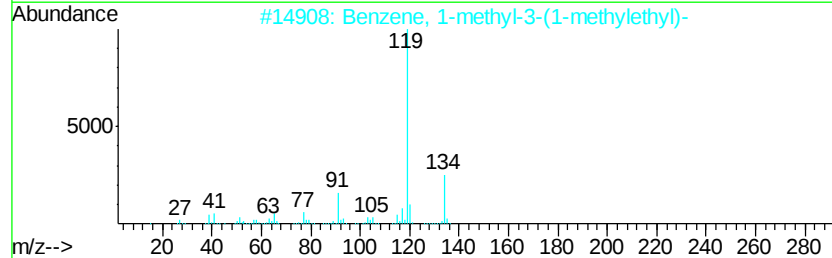
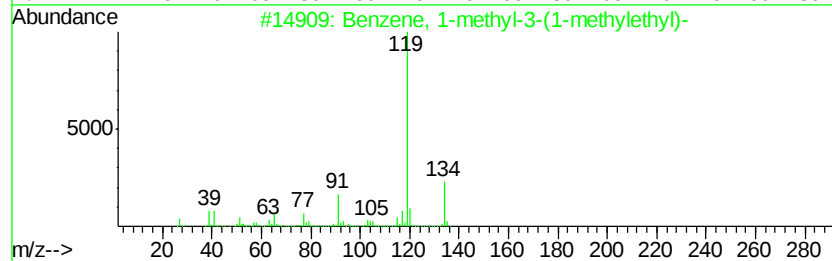
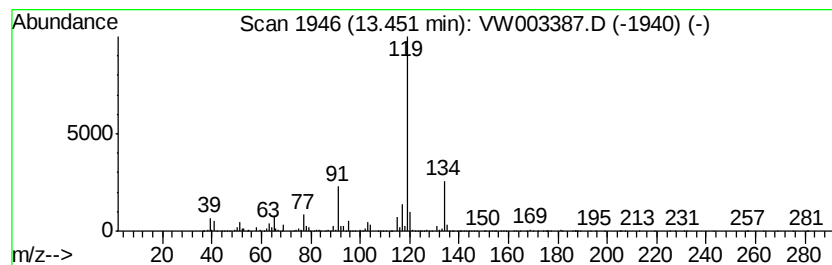
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.40 ug/L	3363340	1,4-Dichlorobenzene-d4	13.57

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

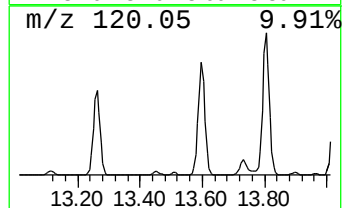
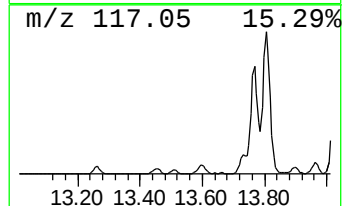
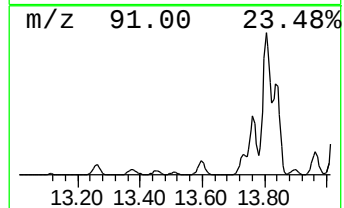
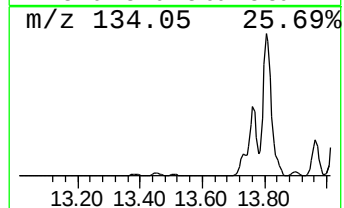
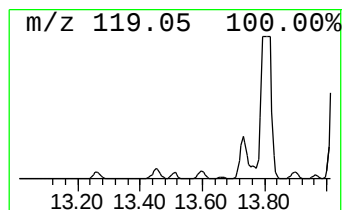
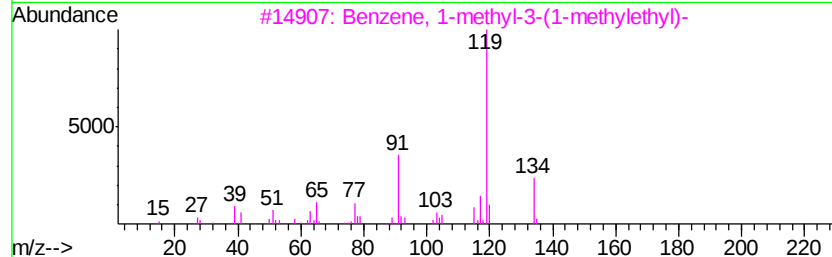
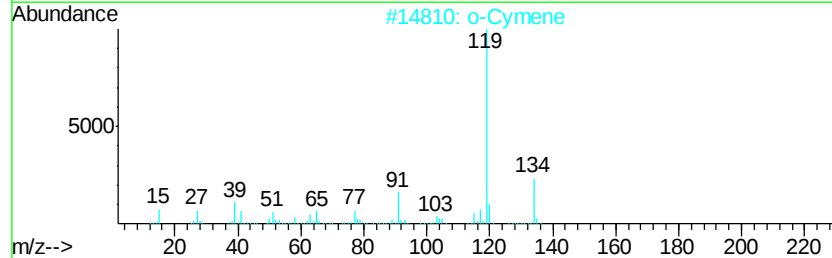
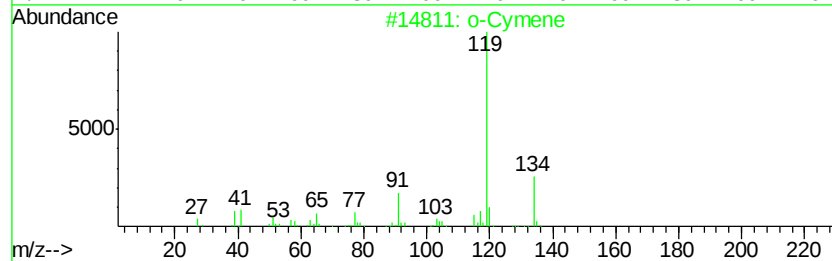
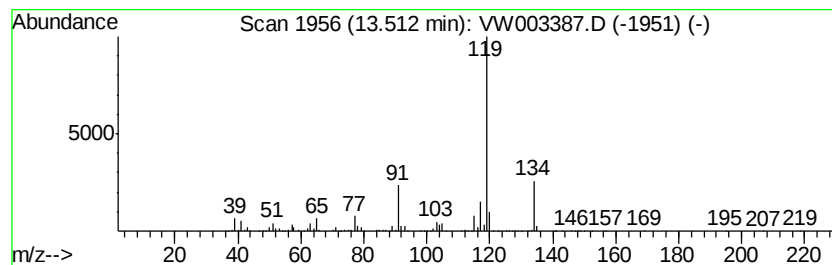
Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 17 o-Cymene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.96 ug/L	1498390	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 97
2		o-Cymene	134 C10H14	000527-84-4 97
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 95
4		p-Cymene	134 C10H14	000099-87-6 95
5		o-Cymene	134 C10H14	000527-84-4 94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

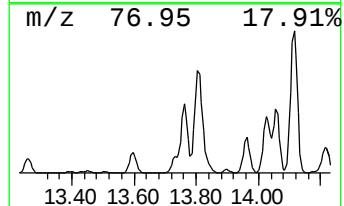
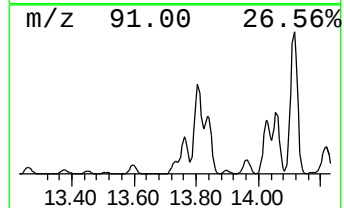
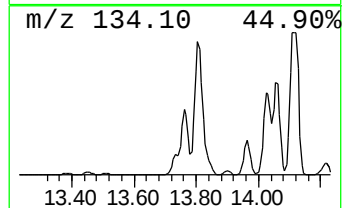
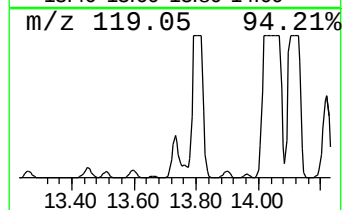
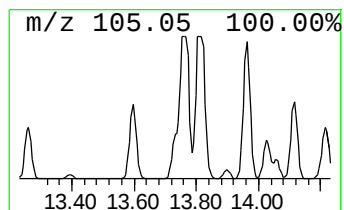
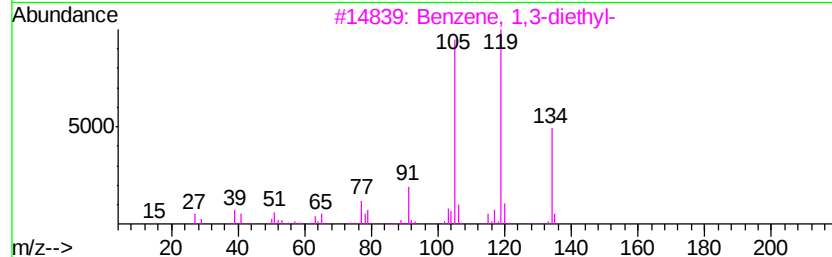
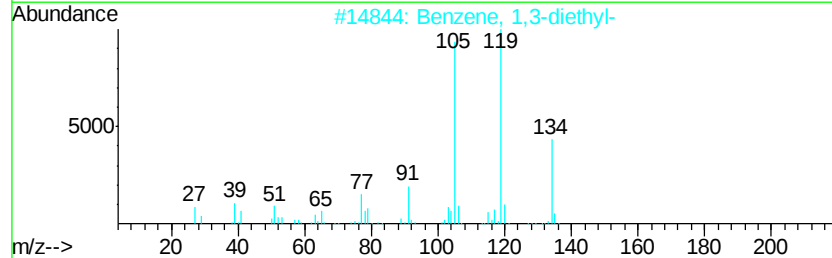
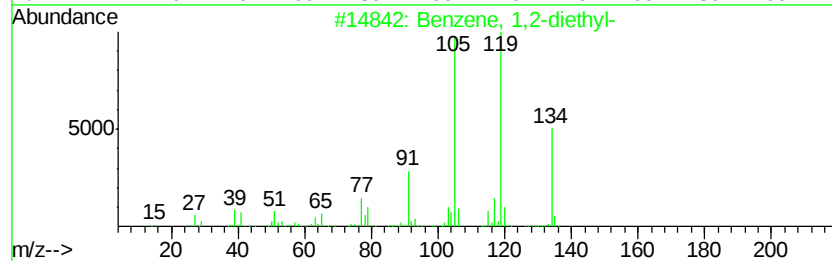
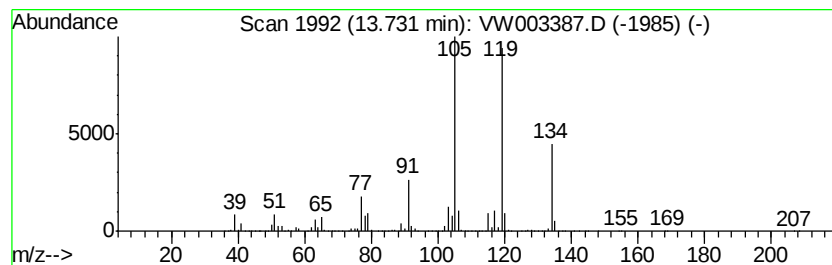
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,3-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	19.42 ug/L	14854500	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

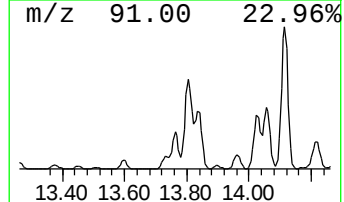
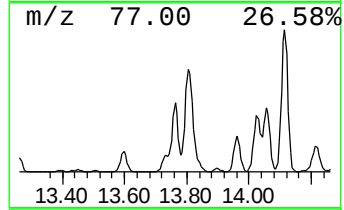
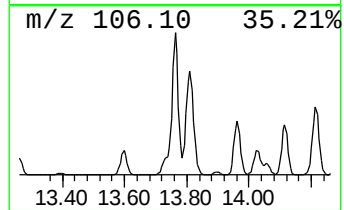
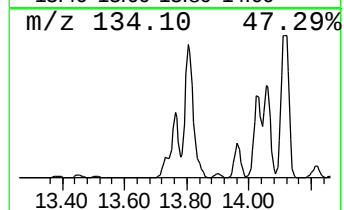
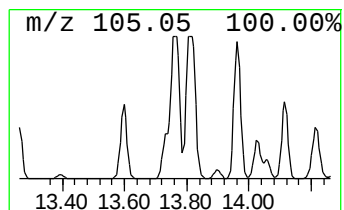
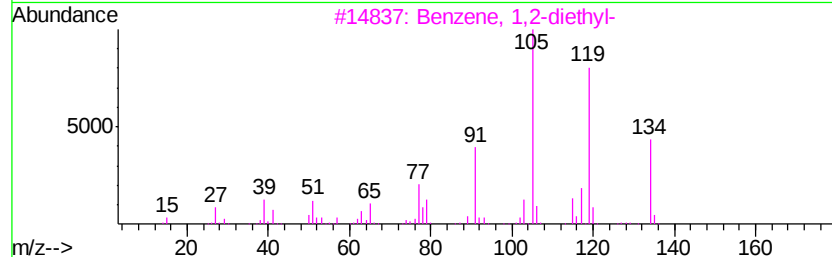
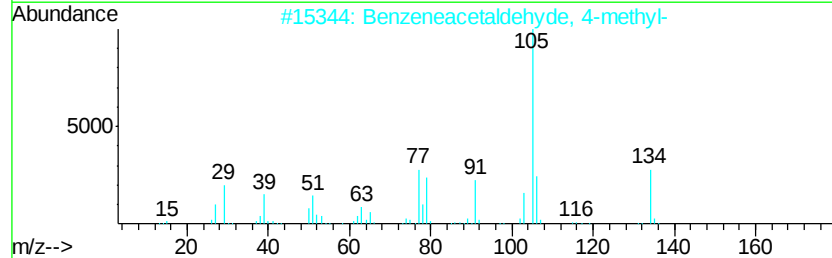
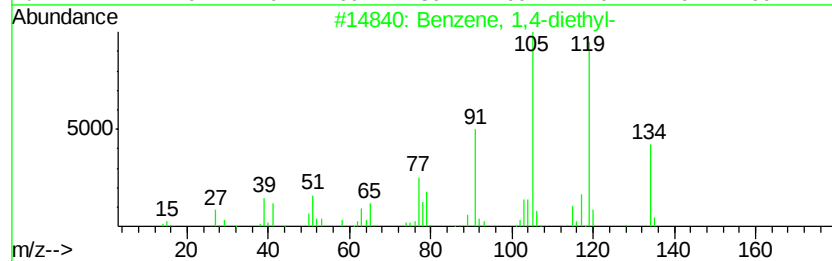
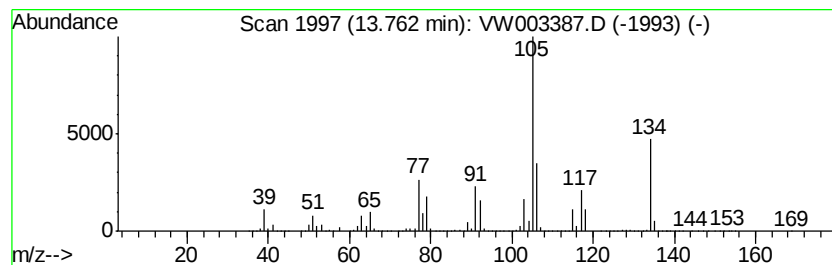
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	78.58 ug/L	60113500	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72
2		Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	70
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	59
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
5		2-Indanol	134	C9H10O	004254-29-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

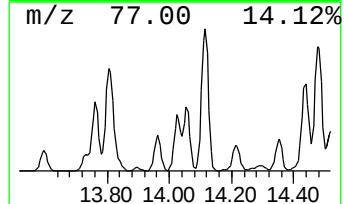
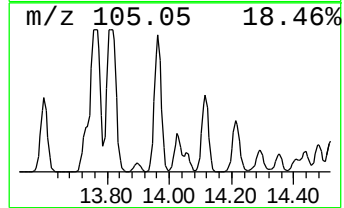
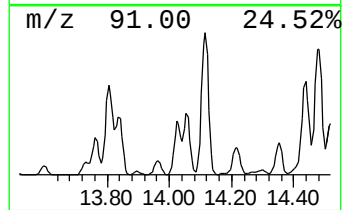
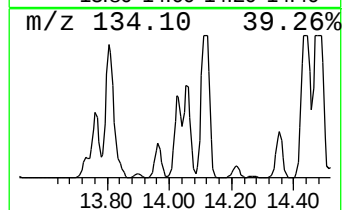
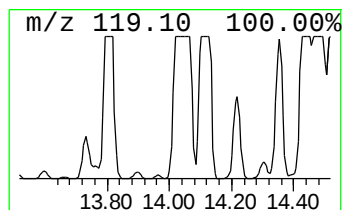
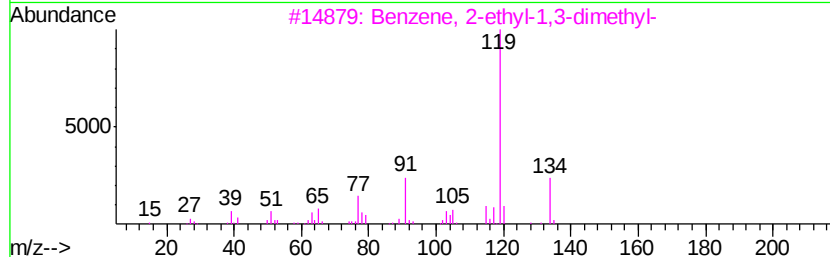
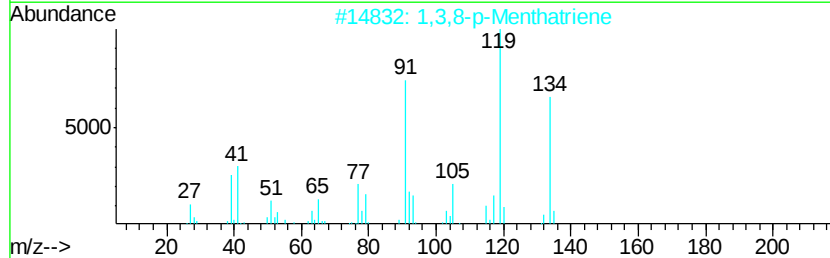
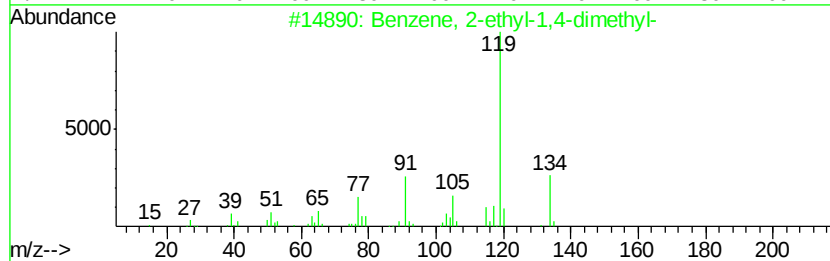
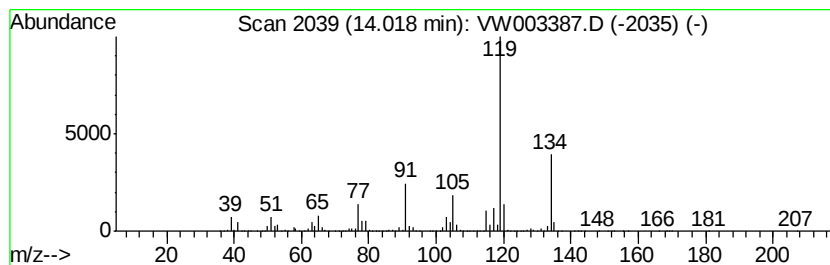
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	89.55 ug/L	68506100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

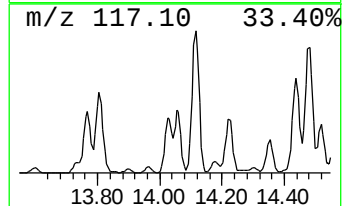
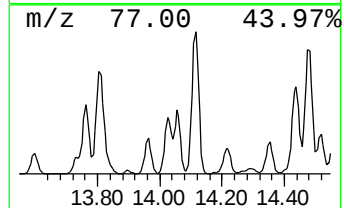
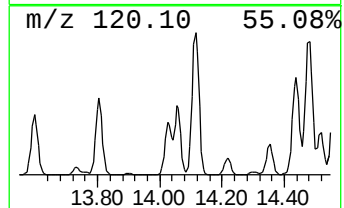
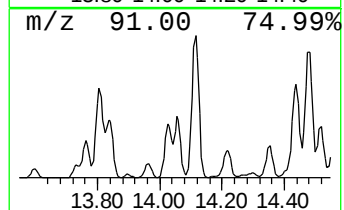
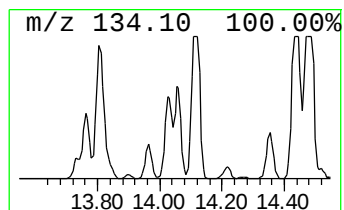
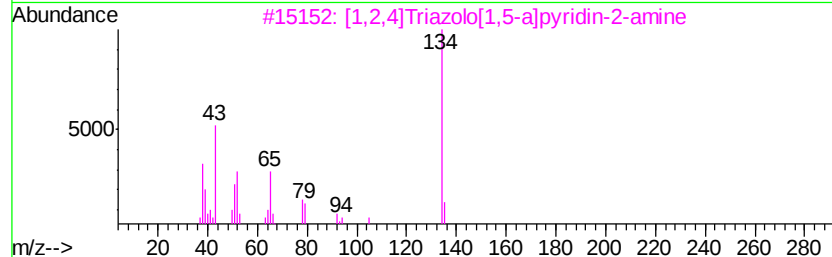
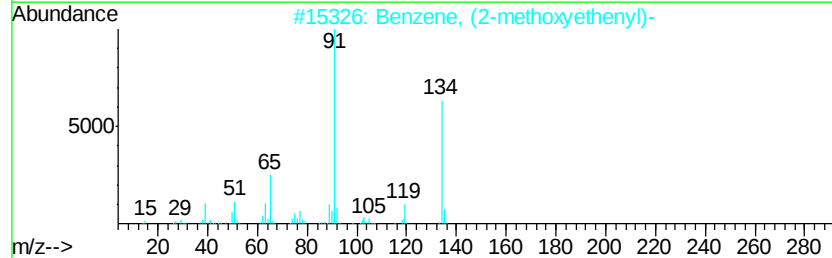
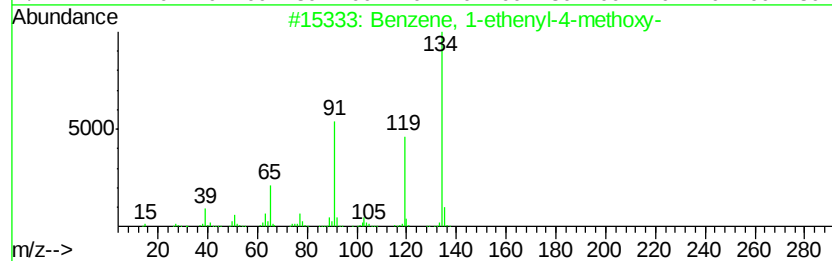
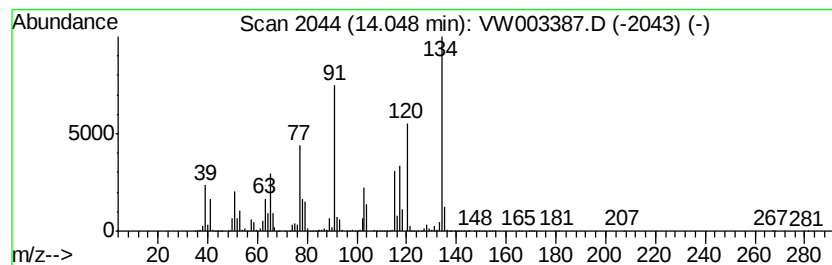
Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 23 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	81.13 ug/L	62068300	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-4-methoxy-	134 C9H10O	000637-69-4 43
2		Benzene, (2-methoxyethenyl)-	134 C9H10O	004747-15-3 41
3		[1,2,4]Triazolo[1,5-a]pyridin-2-...	134 C6H6N4	000874-46-4 38
4		Benzenemethanamine, N-(1-methyle...	149 C10H15N	000102-97-6 35
5		Benzenemethanamine, N-(1-methyle...	149 C10H15N	000102-97-6 35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

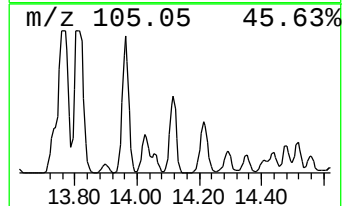
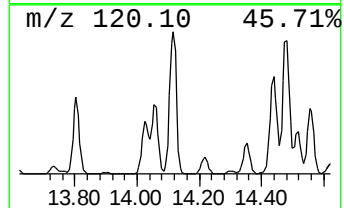
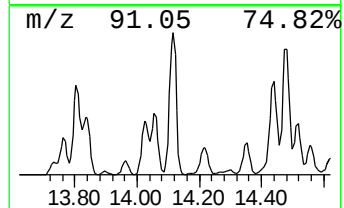
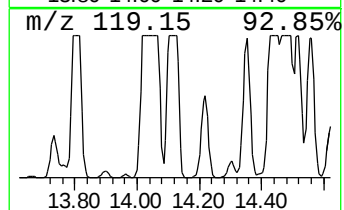
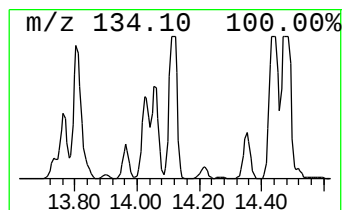
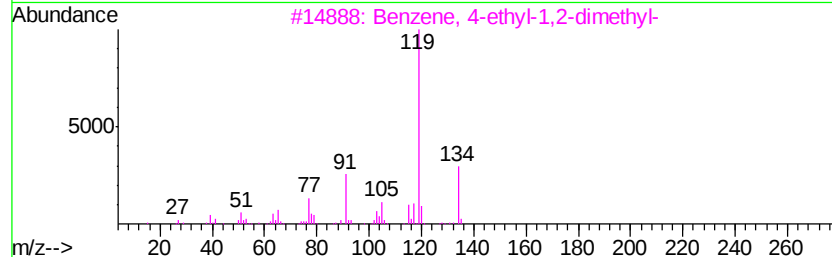
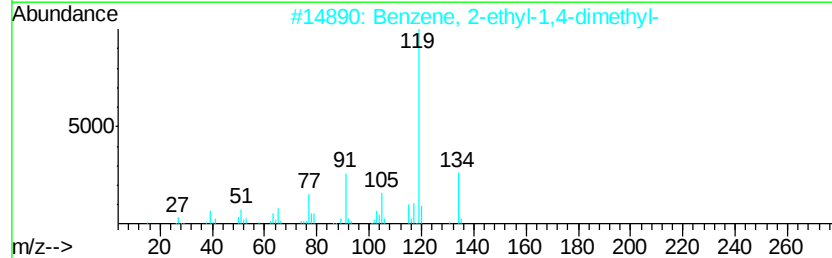
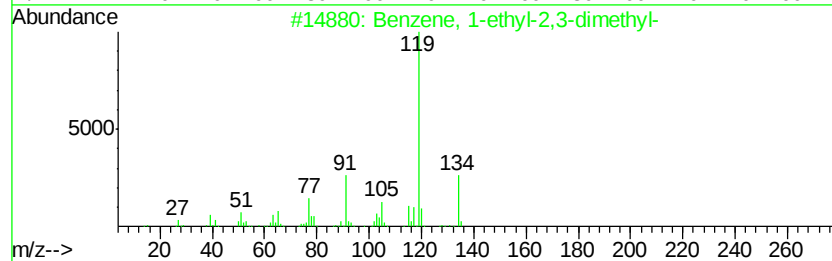
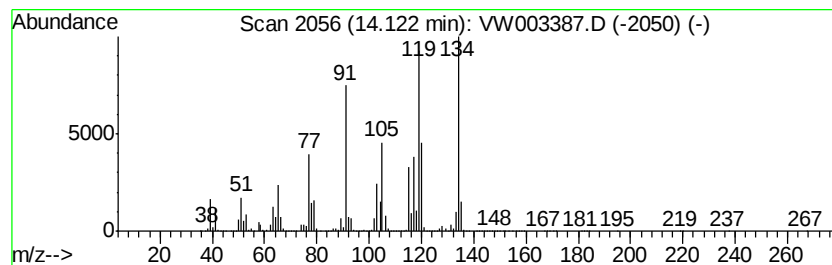
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	189.39 ug/L	144885000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

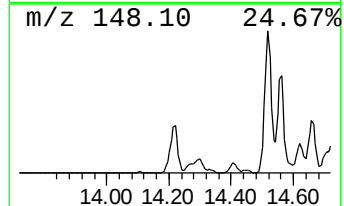
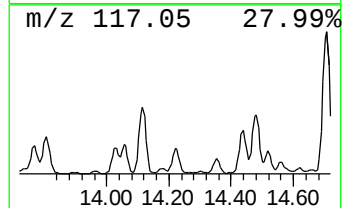
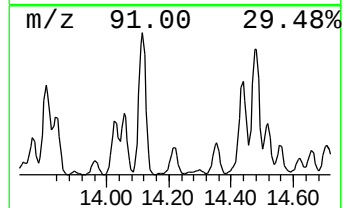
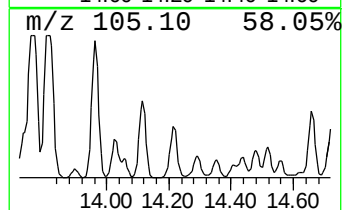
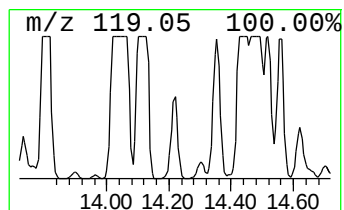
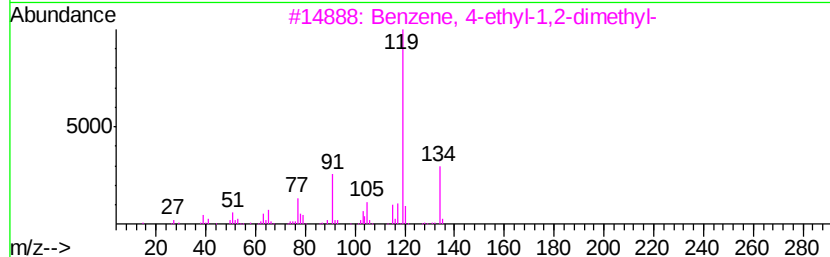
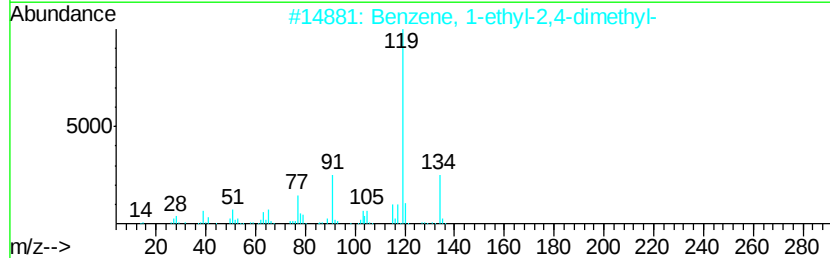
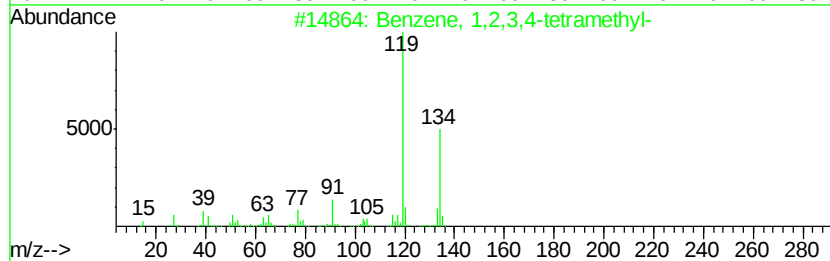
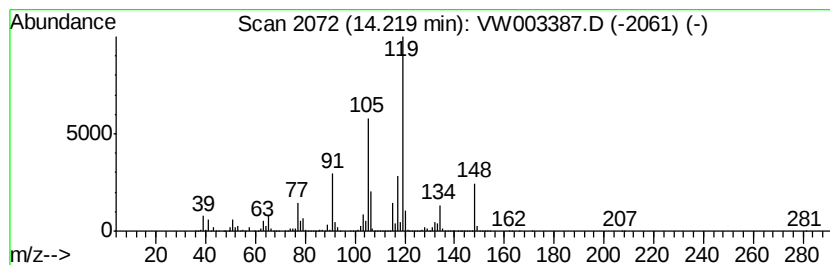
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	51.53 ug/L	39423600	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	64
5		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

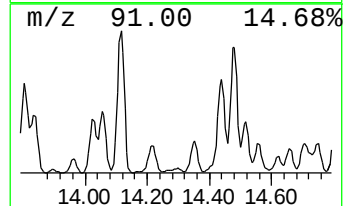
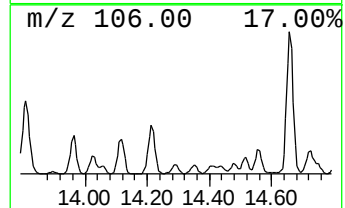
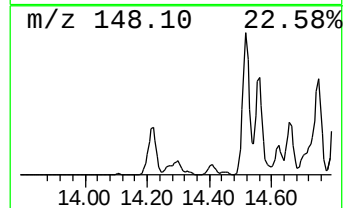
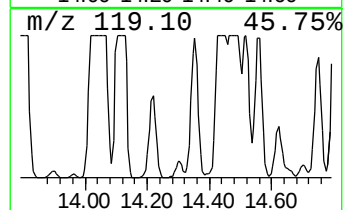
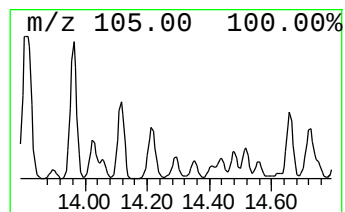
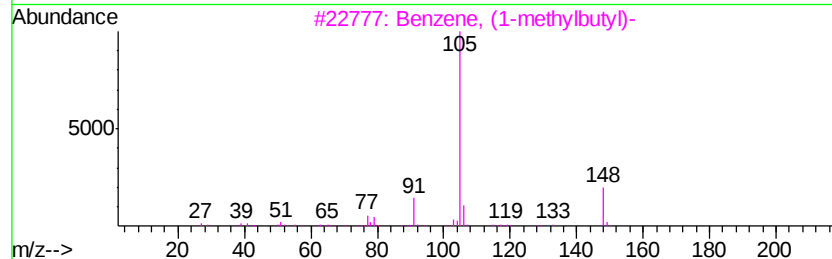
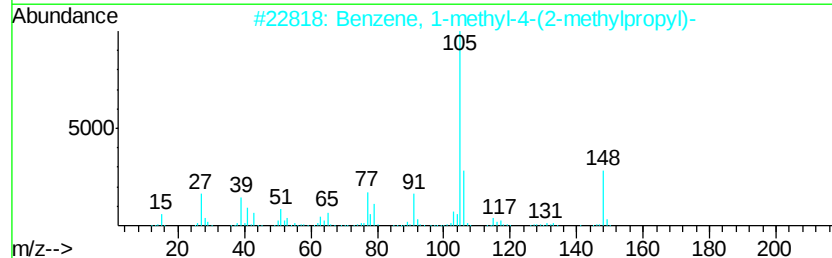
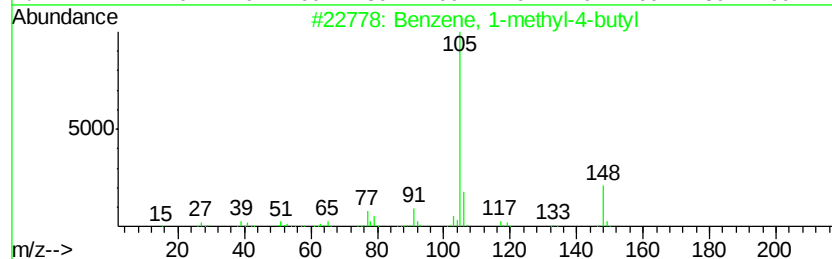
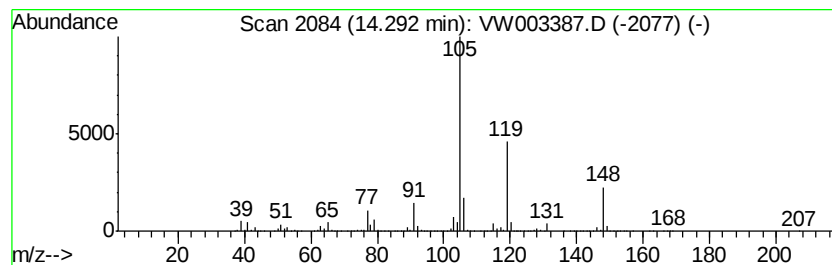
Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-methyl-4-butyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	15.56 ug/L	11904800	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-butyl	148 C11H16	001595-05-7 53
2		Benzene, 1-methyl-4-(2-methylpro...	148 C11H16	005161-04-6 50
3		Benzene, (1-methylbutyl)-	148 C11H16	002719-52-0 49
4		Benzene, (1-methylbutyl)-	148 C11H16	002719-52-0 49
5		2-Butanone, 4-phenyl-	148 C10H12O	002550-26-7 46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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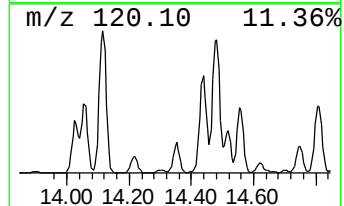
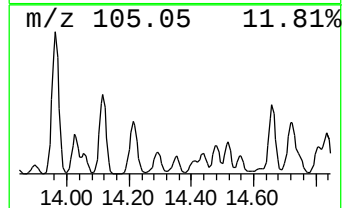
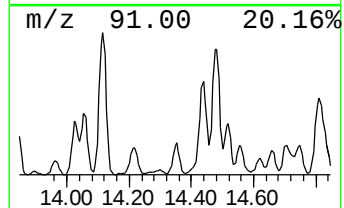
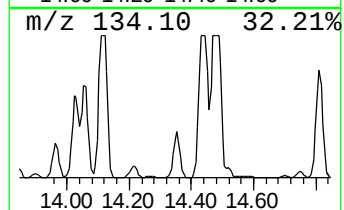
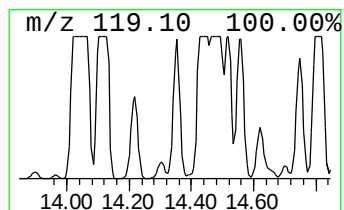
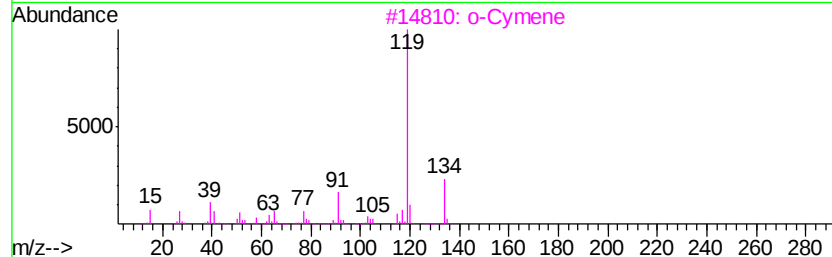
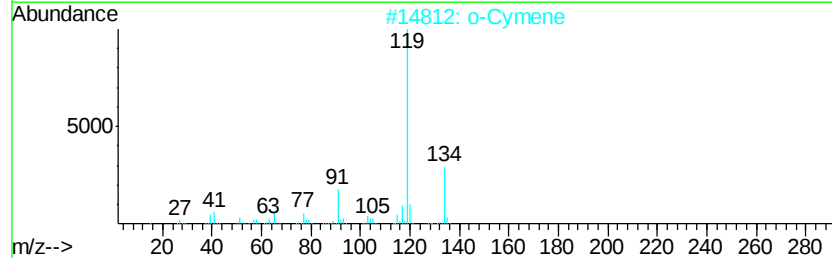
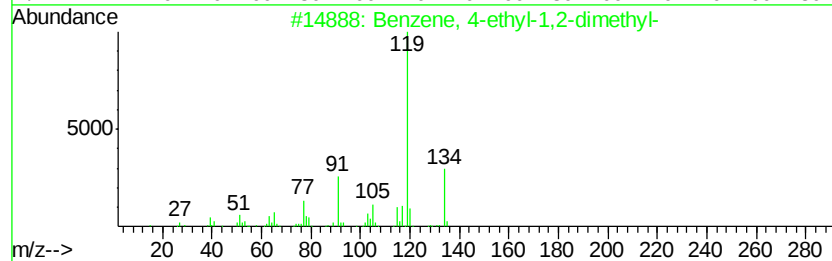
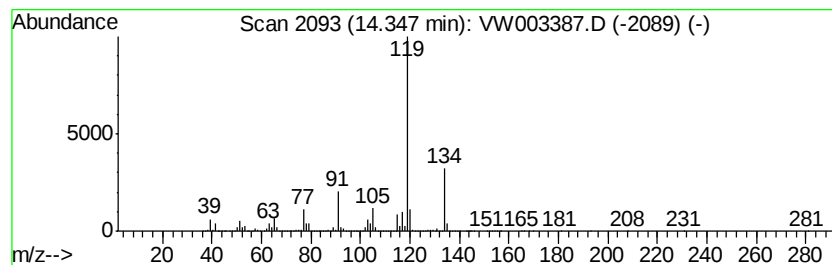
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	49.57 ug/L	37924400	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

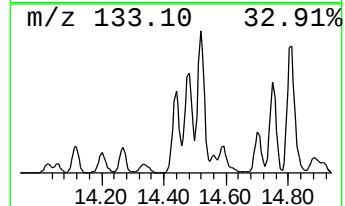
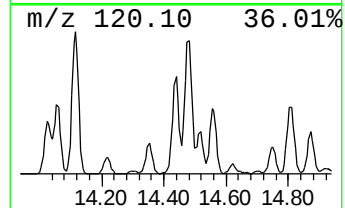
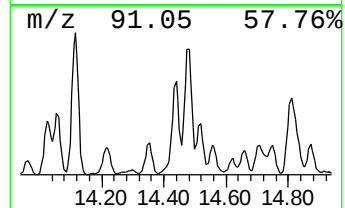
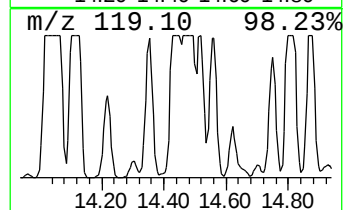
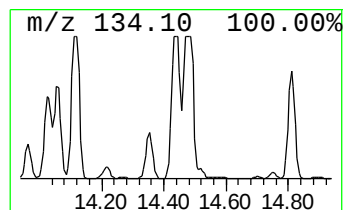
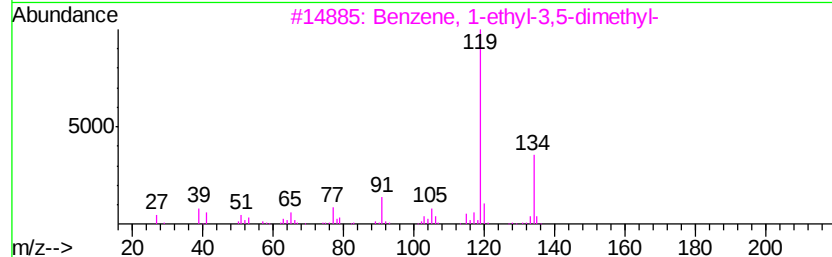
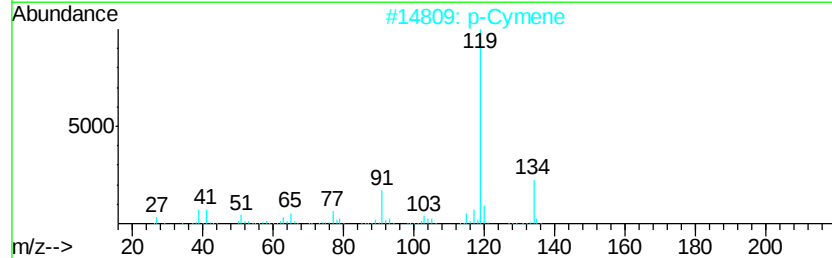
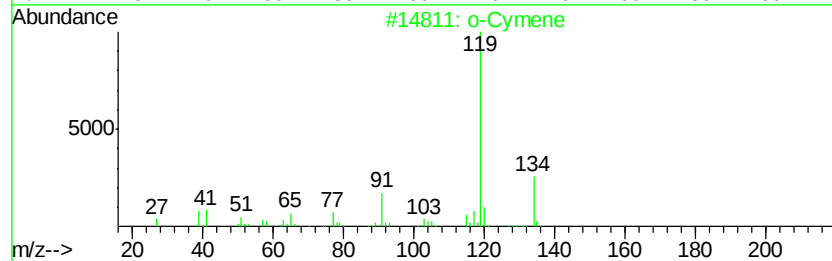
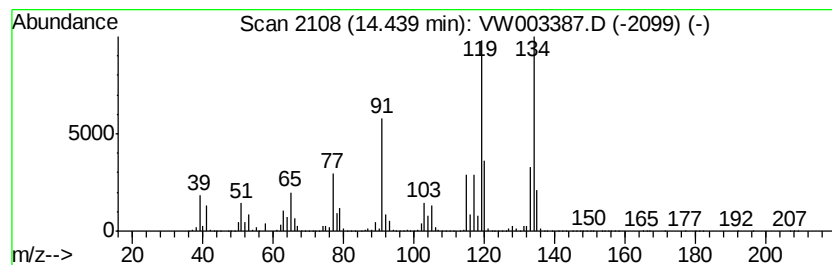
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 28 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	159.50 ug/L	122018000	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 55
2		p-Cymene	134 C10H14	000099-87-6 55
3		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 52
4		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 52
5		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

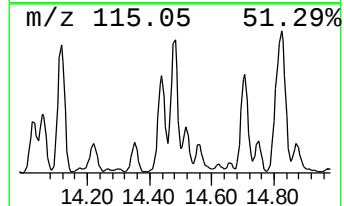
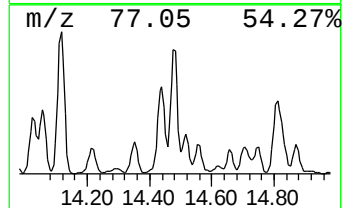
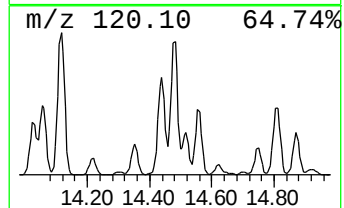
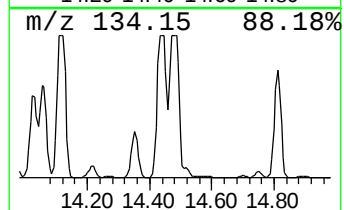
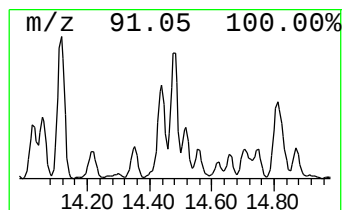
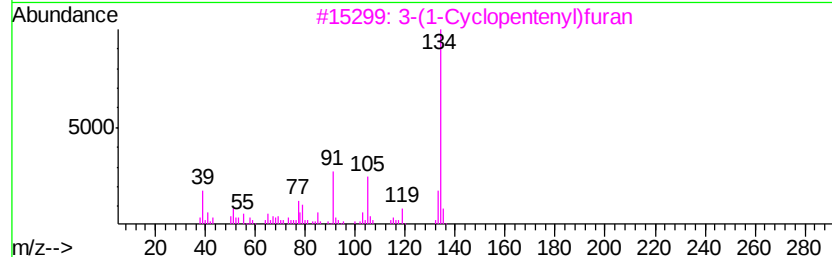
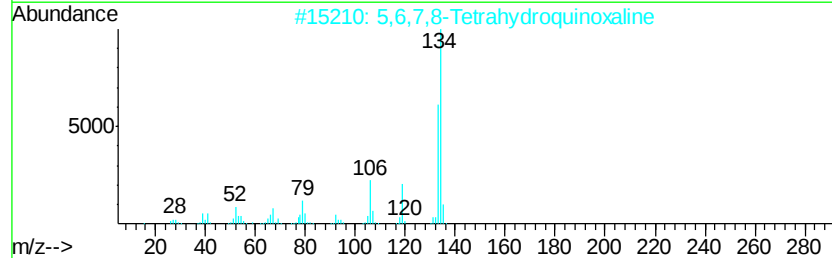
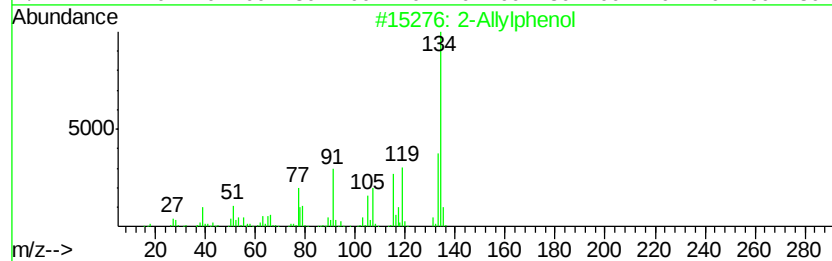
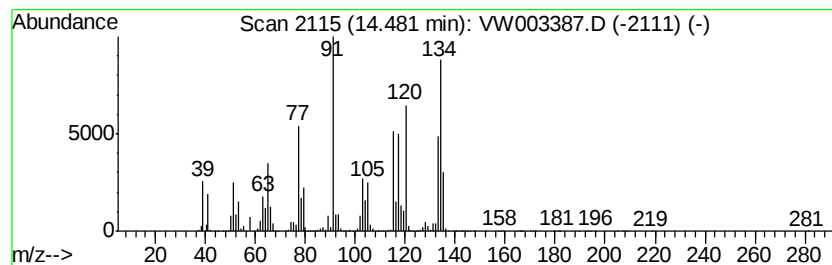
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 29 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	188.46 ug/L	144175000	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Allylphenol	134 C9H10O	001745-81-9	38
2	5,6,7,8-Tetrahydroquinoxaline	134 C8H10N2	034413-35-9	27
3	3-(1-Cyclopentenyl)furan	134 C9H10O	115754-79-5	22
4	Benzene, (2-methoxyethenyl)-	134 C9H10O	004747-15-3	20
5	Benzene, 1-ethenyl-3-methoxy-	134 C9H10O	000626-20-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

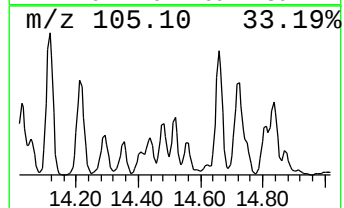
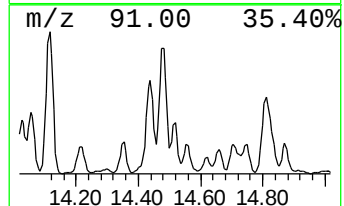
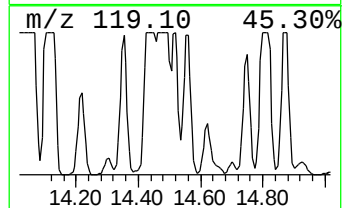
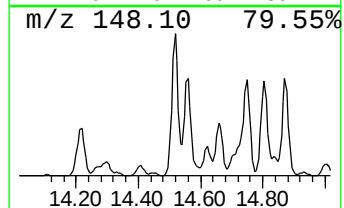
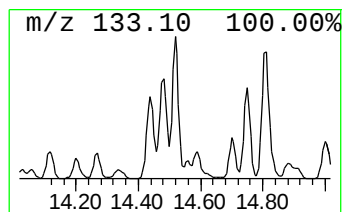
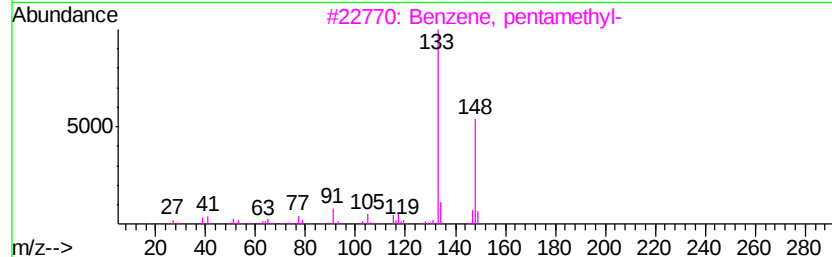
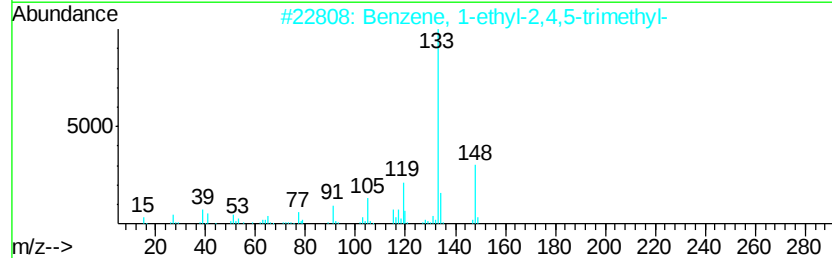
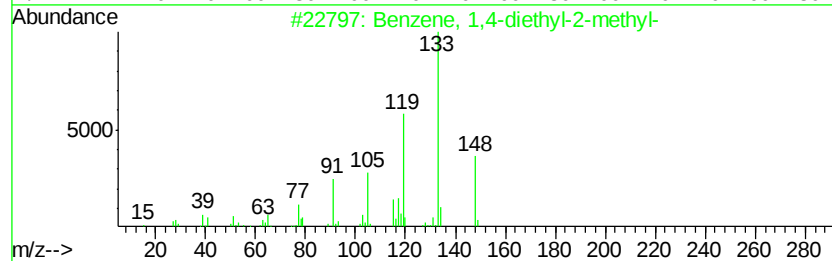
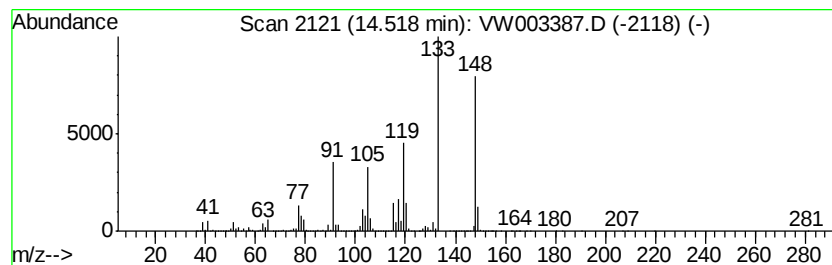
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	71.49 ug/L	54694000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
2		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	78
5		Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

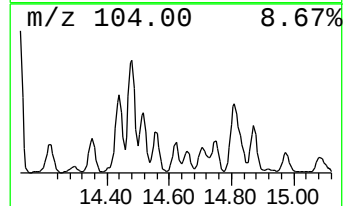
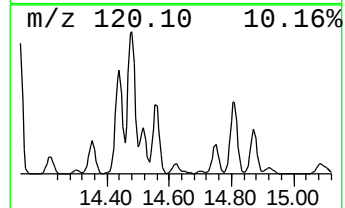
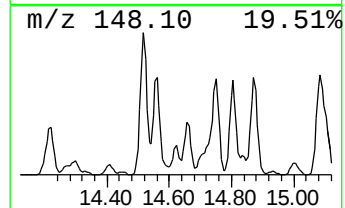
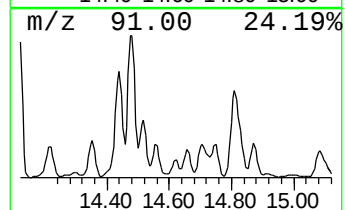
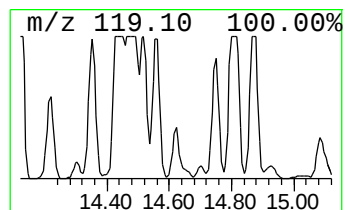
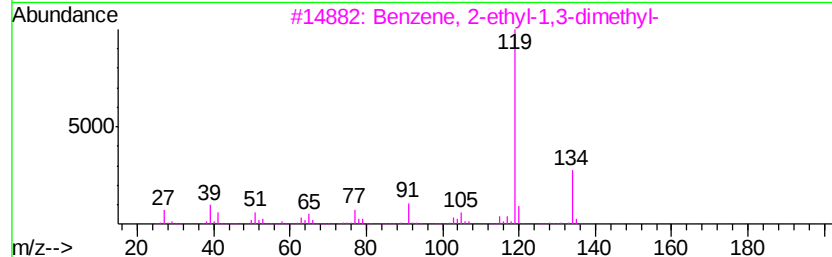
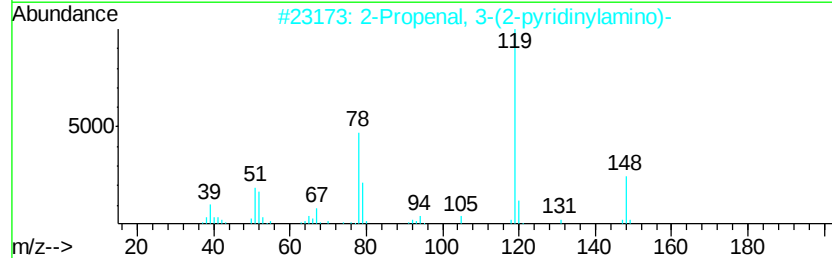
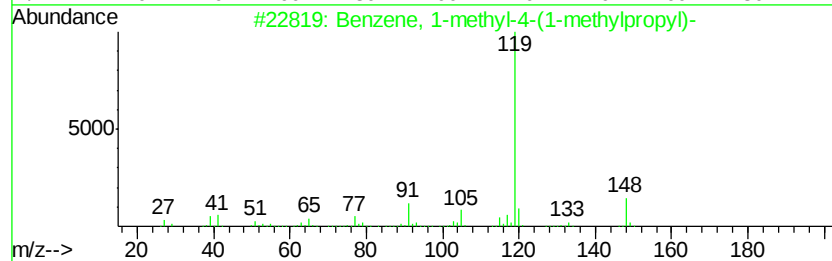
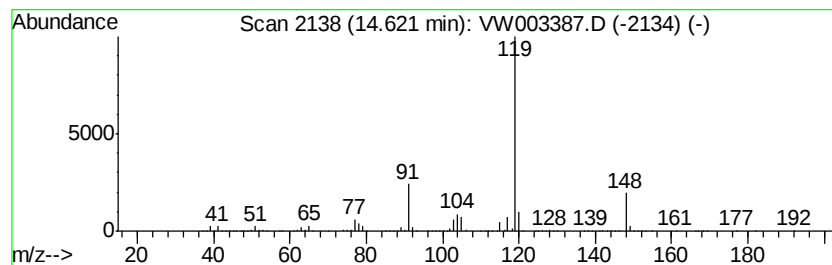
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-methyl-4-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	17.50 ug/L	13385100	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2		2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	64
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
5		Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

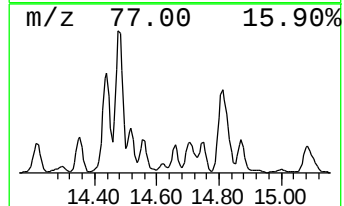
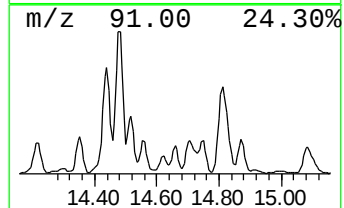
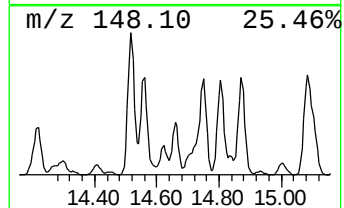
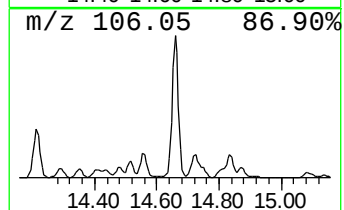
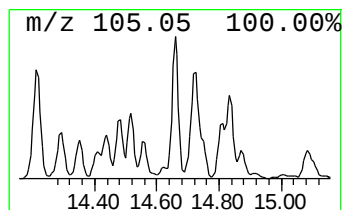
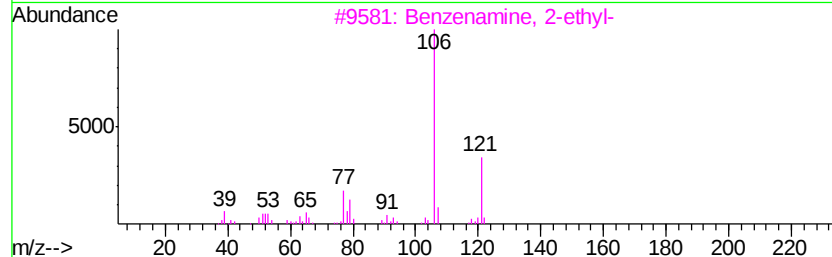
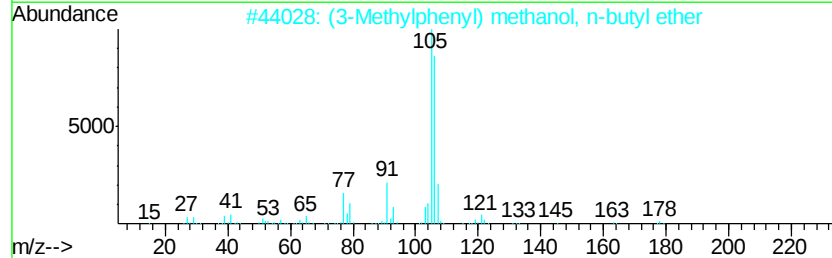
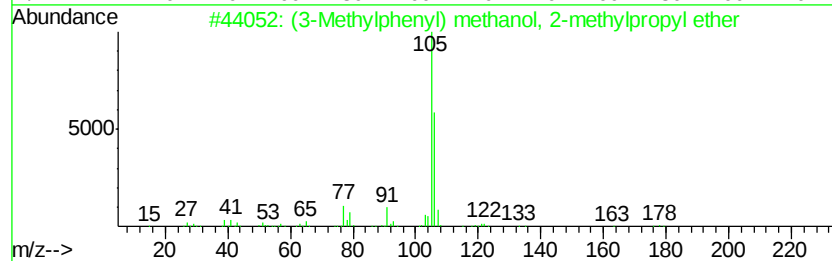
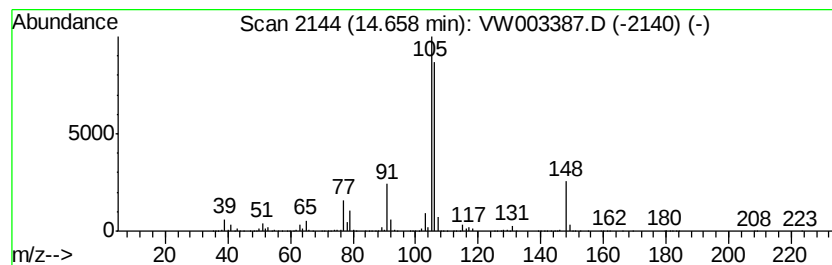
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Quant Title : VOC Analysis

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

Peak Number 33 (3-Methylphenyl) methanol, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	31.92 ug/L	24419700	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(3-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-58-2	64
2		(3-Methylphenyl) methanol, n-but...	178	C12H18O	1000374-44-2	64
3		Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	50
4		Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	50
5		Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

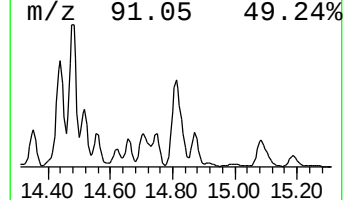
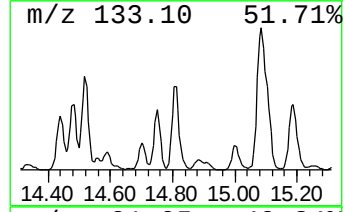
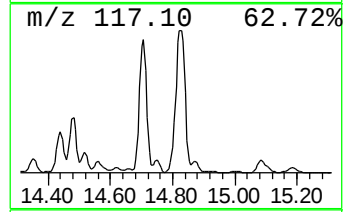
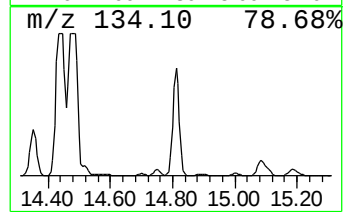
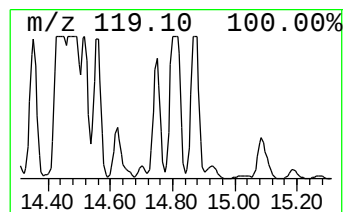
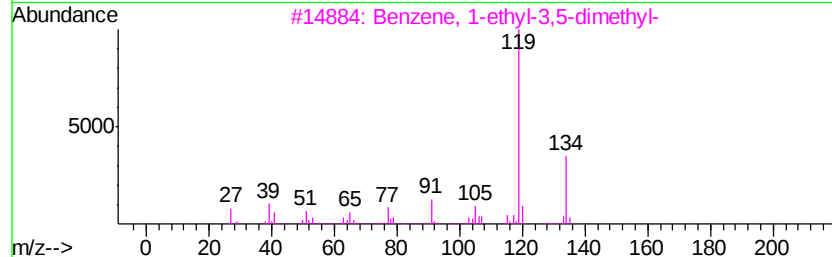
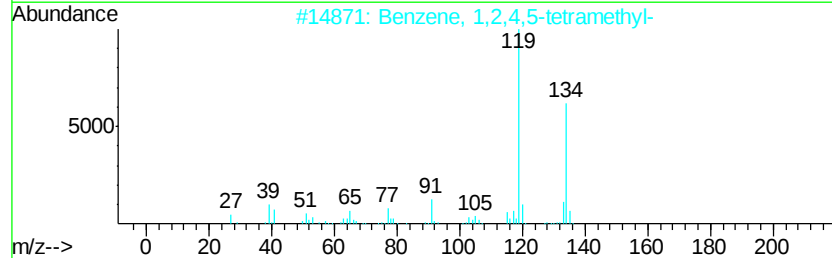
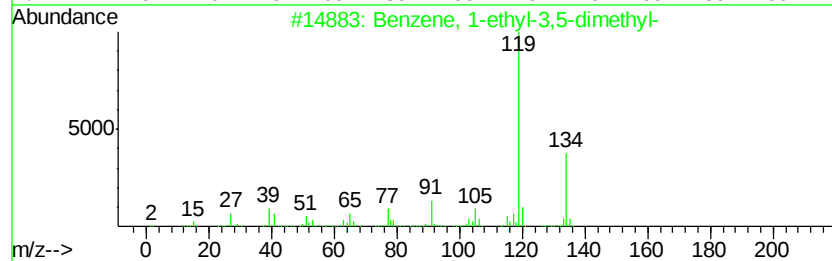
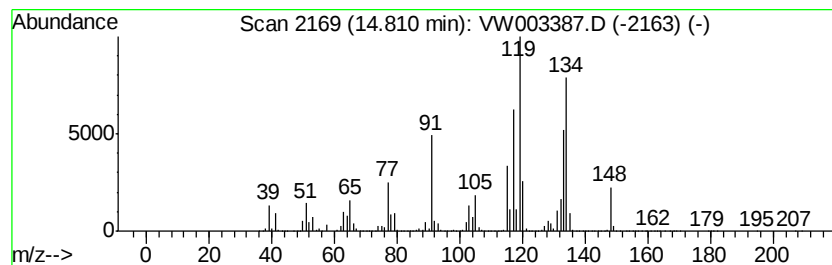
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	202.48 ug/L	154900000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXTIRE

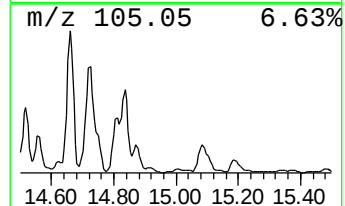
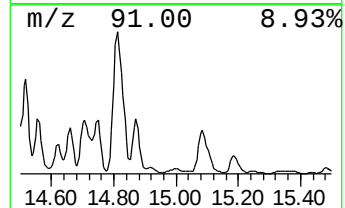
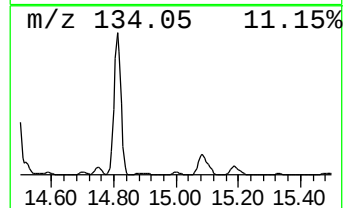
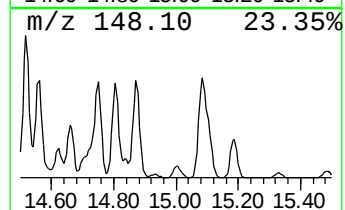
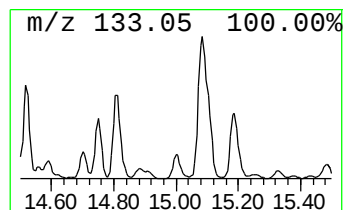
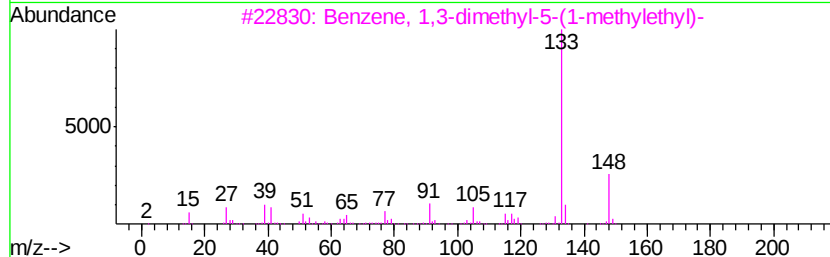
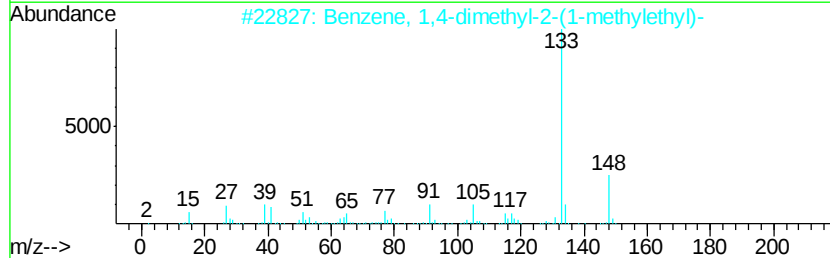
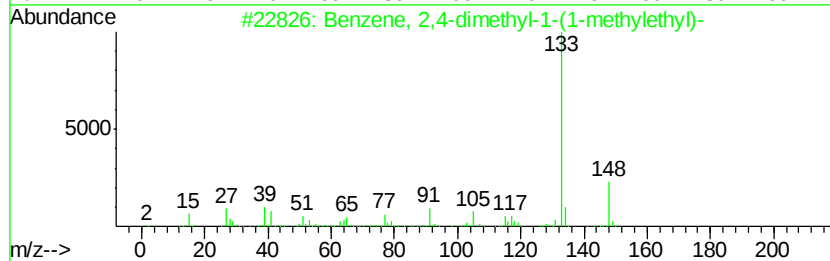
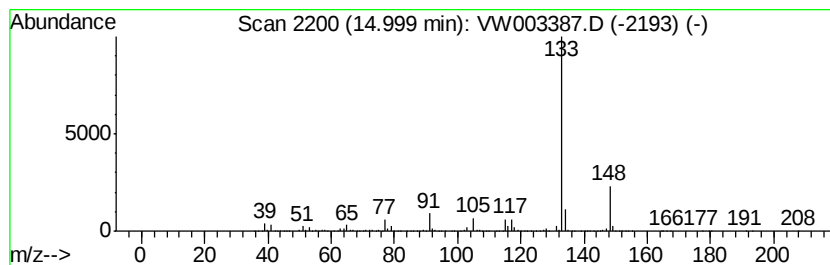
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	9.58 ug/L	7330250	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
2		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91
3		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	91
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

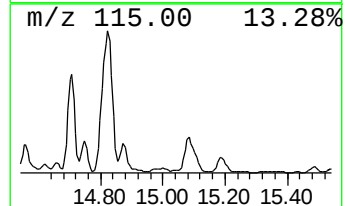
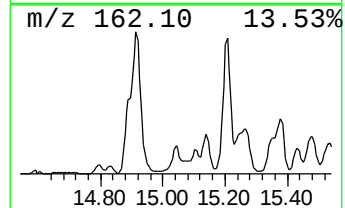
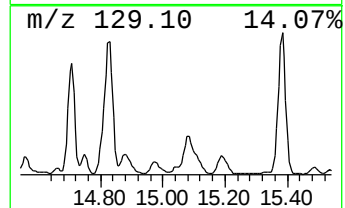
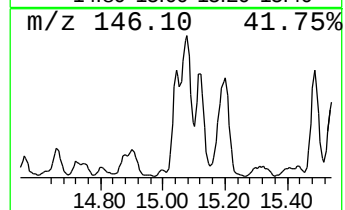
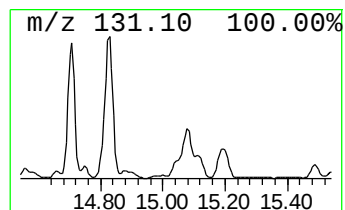
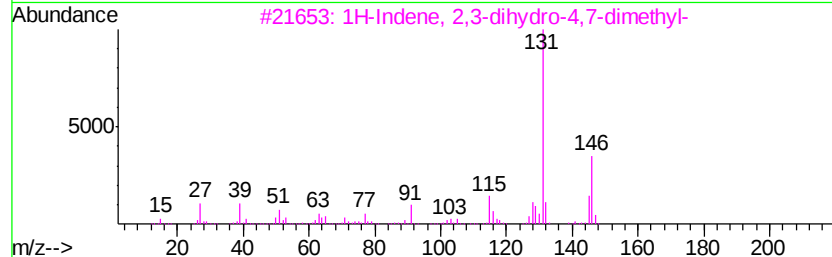
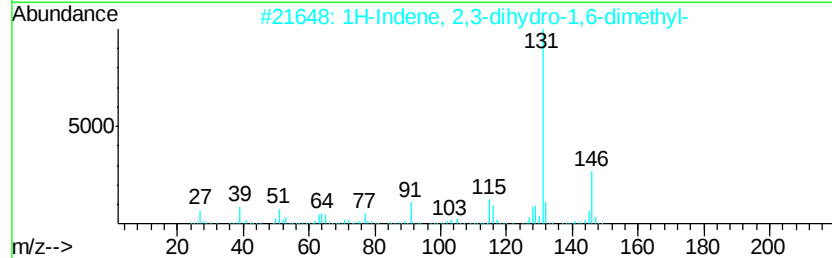
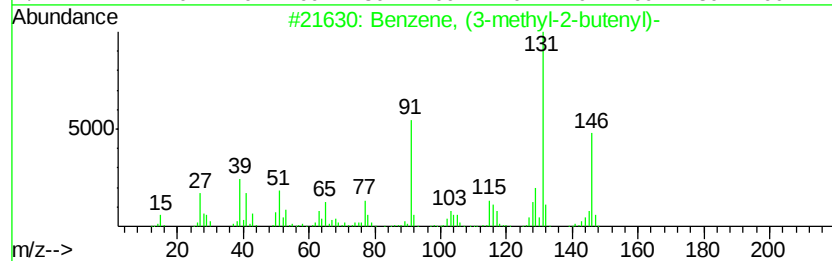
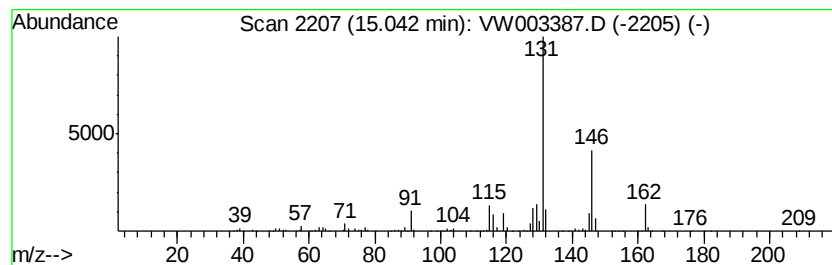
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, (3-methyl-2-butenyl)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	1.89 ug/L	1446240	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
Data File : VW003387.D
Acq On : 21 Jun 2018 15:02
Operator : SY/AP
Sample : J3569-18RE
Misc : 4.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

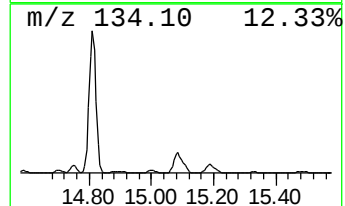
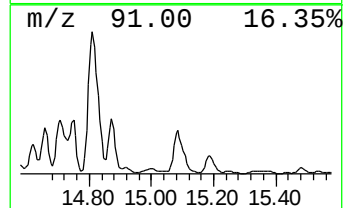
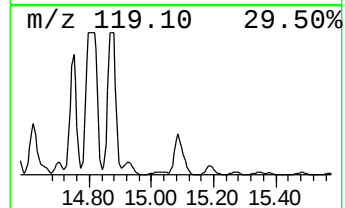
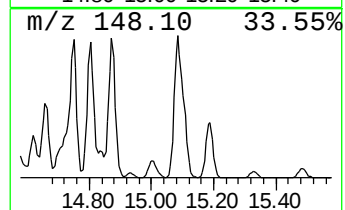
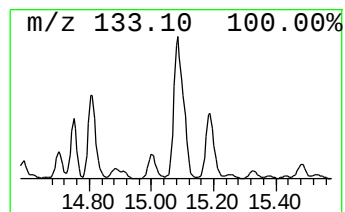
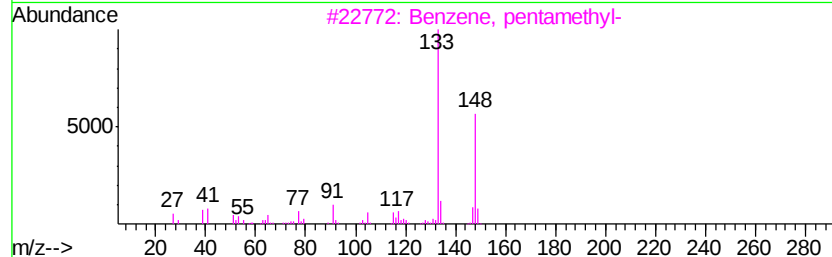
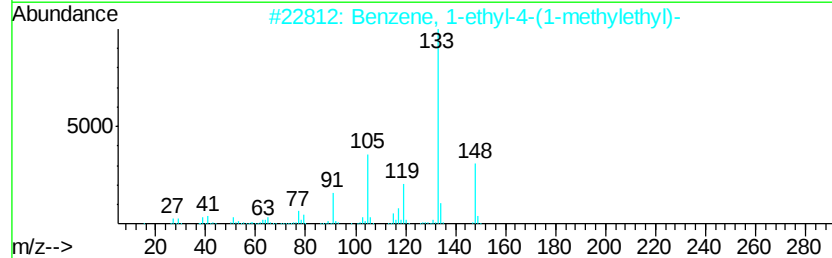
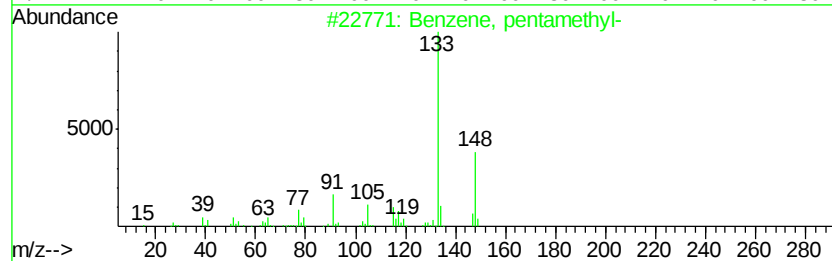
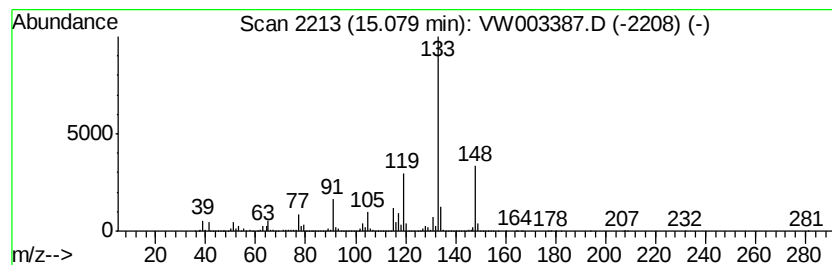
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, pentamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	74.11 ug/L	56696200	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062118\
 Data File : VW003387.D
 Acq On : 21 Jun 2018 15:02
 Operator : SY/AP
 Sample : J3569-18RE
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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
Dimethyl sulfide	4.20	7.9	ug/L	223889	1	8.85	707365	25.0
1H,1H,2H-Perfluor...	4.81	3.5	ug/L	98739	1	8.85	707365	25.0
1H,1H,2H-Perfluor...	11.27	1.7	ug/L	65864	2	11.63	966032	25.0
unknown-01	11.72	1.3	ug/L	51749	2	11.63	966032	25.0
3-Heptanone	12.16	2.4	ug/L	91822	2	11.63	966032	25.0
Benzene, 1-ethyl-...	12.48	1.3	ug/L	49811	2	11.63	966032	25.0
1H,1H,2H,2H-Perfl...	12.61	14.3	ug/L	10955800	3	13.57	19125700	25.0
Mesitylene	12.95	1.7	ug/L	1299690	3	13.57	19125700	25.0
Benzene, 1,2,3-tr...	13.26	17.5	ug/L	13393100	3	13.57	19125700	25.0
Benzene, 1-methyl...	13.39	2.4	ug/L	1810730	3	13.57	19125700	25.0
Benzene, 1-methyl...	13.45	4.4	ug/L	3363340	3	13.57	19125700	25.0
o-Cymene	13.51	2.0	ug/L	1498390	3	13.57	19125700	25.0
Benzene, 1,3-diet...	13.73	19.4	ug/L	14854500	3	13.57	19125700	25.0
Benzene, 1,4-diet...	13.76	78.6	ug/L	60113500	3	13.57	19125700	25.0
Benzene, 2-ethyl-...	14.02	89.5	ug/L	68506100	3	13.57	19125700	25.0
unknown-02	14.05	81.1	ug/L	62068300	3	13.57	19125700	25.0
Benzene, 1-ethyl-...	14.12	189.4	ug/L	144885000	3	13.57	19125700	25.0
Benzene, 1,2,3,4-...	14.22	51.5	ug/L	39423600	3	13.57	19125700	25.0
Benzene, 1-methyl...	14.29	15.6	ug/L	11904800	3	13.57	19125700	25.0
Benzene, 4-ethyl-...	14.35	49.6	ug/L	37924400	3	13.57	19125700	25.0
p-Cymene	14.44	159.5	ug/L	122018000	3	13.57	19125700	25.0
unknown-03	14.48	188.5	ug/L	144175000	3	13.57	19125700	25.0
Benzene, 1,4-diet...	14.52	71.5	ug/L	54694000	3	13.57	19125700	25.0
Benzene, 1-methyl...	14.62	17.5	ug/L	13385100	3	13.57	19125700	25.0
(3-Methylphenyl) ...	14.66	31.9	ug/L	24419700	3	13.57	19125700	25.0
Benzene, 1-ethyl-...	14.81	202.5	ug/L	154900000	3	13.57	19125700	25.0
Benzene, 2,4-dime...	15.00	9.6	ug/L	7330250	3	13.57	19125700	25.0
Benzene, (3-methy...	15.04	1.9	ug/L	1446240	3	13.57	19125700	25.0
Benzene, pentamet...	15.08	74.1	ug/L	56696200	3	13.57	19125700	25.0