

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003371.D
 Acq On : 20 Jun 2018 23:38
 Operator : SY/AP
 Sample : J3569-18
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT1

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	1.807	27	36	56	rVV	5663177	11690745	4.88%	0.511%
2	1.953	56	60	79	rVB3	18201	48518	0.02%	0.002%
3	2.343	115	124	132	rBV	104695	204800	0.09%	0.009%
4	2.490	143	148	156	rBV	17777	39189	0.02%	0.002%
5	2.886	204	213	229	rVB	66436	179123	0.07%	0.008%
6	3.294	268	280	287	rBV8	5457	18581	0.01%	0.001%
7	3.386	287	295	296	rBV3	9119	18478	0.01%	0.001%
8	3.575	320	326	332	rVV6	5762	15699	0.01%	0.001%
9	3.843	363	370	381	rVV6	5093	15284	0.01%	0.001%
10	4.001	385	396	409	rBV	129465	407738	0.17%	0.018%
11	4.130	409	417	420	rVV	40906	107557	0.04%	0.005%
12	4.197	421	428	445	rVV2	107844	338893	0.14%	0.015%
13	4.361	447	455	474	rVV2	36338	119533	0.05%	0.005%
14	4.806	513	528	537	rBV3	12224	52326	0.02%	0.002%
15	4.916	537	546	560	rVB2	15611	57971	0.02%	0.003%
16	5.928	701	712	724	rVB4	8402	26568	0.01%	0.001%
17	7.092	894	903	910	rBV	22402	72218	0.03%	0.003%
18	7.184	910	918	936	rVB	32099	107387	0.04%	0.005%
19	7.647	984	994	1004	rVV	188988	460486	0.19%	0.020%
20	8.031	1048	1057	1069	rVB	83462	201353	0.08%	0.009%
21	8.275	1087	1097	1113	rBV2	362328	1089260	0.45%	0.048%
22	8.556	1134	1143	1151	rVV6	8055	25056	0.01%	0.001%
23	8.702	1159	1167	1178	rVB5	14196	37394	0.02%	0.002%
24	8.848	1180	1191	1207	rBV	355951	709354	0.30%	0.031%
25	9.098	1220	1232	1239	rBV8	9331	27486	0.01%	0.001%
26	9.281	1252	1262	1270	rBV	245845	512055	0.21%	0.022%
27	9.433	1282	1287	1297	rVB2	8094	16697	0.01%	0.001%
28	9.970	1367	1375	1381	rBV	113880	196114	0.08%	0.009%
29	10.037	1381	1386	1393	rVB	101468	175855	0.07%	0.008%
30	10.330	1425	1434	1439	rBV	435580	767095	0.32%	0.034%
31	10.391	1439	1444	1456	rVB	132808	257663	0.11%	0.011%
32	10.512	1456	1464	1467	rBV3	20558	40837	0.02%	0.002%
33	10.549	1467	1470	1471	rVV2	18263	24277	0.01%	0.001%
34	10.580	1471	1475	1481	rVB	67017	112756	0.05%	0.005%

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

35	10.933	1527	1533	1547	rBV	109491	215549	0.09%	0.009%
36	11.268	1578	1588	1597	rVB	63618	108365	0.05%	0.005%
37	11.445	1605	1617	1625	rVB2	20529	49273	0.02%	0.002%
38	11.634	1641	1648	1653	rBV2	698853	1231206	0.51%	0.054%
39	11.720	1658	1662	1670	rVB3	29814	68705	0.03%	0.003%
40	11.848	1676	1683	1692	rVB2	53311	113409	0.05%	0.005%
41	12.165	1725	1735	1743	rBV3	51163	111508	0.05%	0.005%
42	12.256	1743	1750	1757	rBV2	33356	57733	0.02%	0.003%
43	12.409	1772	1775	1779	rVB2	10925	14678	0.01%	0.001%
44	12.476	1779	1786	1791	rBV2	42732	80997	0.03%	0.004%
45	12.543	1791	1797	1799	rBV5	12093	22379	0.01%	0.001%
46	12.610	1799	1808	1814	rBV	11627146	15829405	6.60%	0.691%
47	12.701	1819	1823	1830	rVV	136781	266444	0.11%	0.012%
48	12.756	1830	1832	1836	rVV4	17139	32354	0.01%	0.001%
49	12.811	1836	1841	1846	rVV	283798	481537	0.20%	0.021%
50	12.872	1846	1851	1855	rVV	955420	1725332	0.72%	0.075%
51	12.908	1855	1857	1860	rVV	634462	854220	0.36%	0.037%
52	12.951	1860	1864	1871	rVB	1302227	2134136	0.89%	0.093%
53	13.116	1878	1891	1898	rBV	966388	1753954	0.73%	0.077%
54	13.177	1898	1901	1903	rBV	30800	34515	0.01%	0.002%
55	13.262	1908	1915	1927	rVB	15794727	23651576	9.86%	1.033%
56	13.390	1927	1936	1940	rBV3	1246952	3125836	1.30%	0.137%
57	13.451	1940	1946	1951	rVB2	2990485	5281694	2.20%	0.231%
58	13.512	1951	1956	1962	rVB	1666412	2642932	1.10%	0.115%
59	13.597	1962	1970	1976	rBV	21839124	33746601	14.07%	1.474%
60	13.664	1976	1981	1986	rVB3	606334	1186712	0.49%	0.052%
61	13.731	1986	1992	1994	rBV	20958288	32905330	13.72%	1.437%
62	13.768	1994	1998	2001	rVV2	59866587	101694239	42.41%	4.442%
63	13.811	2001	2005	2015	rVB5	95052036	202903382	84.61%	8.863%
64	13.896	2015	2019	2024	rVB2	4868816	7004642	2.92%	0.306%
65	13.963	2024	2030	2035	rBV	32498842	49242314	20.53%	2.151%
66	14.030	2035	2041	2043	rBV2	65212254	110538142	46.10%	4.828%
67	14.061	2043	2046	2050	rVV2	69468881	105860455	44.14%	4.624%
68	14.122	2050	2056	2062	rVB3	97594408	202199308	84.32%	8.832%
69	14.219	2062	2072	2077	rBV2	36846524	65398689	27.27%	2.857%
70	14.298	2077	2085	2089	rBV4	5669879	12848316	5.36%	0.561%
71	14.353	2089	2094	2099	rVB	42108459	63702395	26.56%	2.783%

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 Title : VOC Analysis

72	14.439	2099	2108	2112	rBV3	87879347	192490038	80.27%	8.408%
73	14.481	2112	2115	2119	rVV3	92321733	191868801	80.01%	8.381%
74	14.518	2119	2121	2125	rVV	57604471	78497827	32.73%	3.429%
75	14.561	2125	2128	2134	rVV	38485741	55757794	23.25%	2.436%
76	14.622	2134	2138	2141	rVV	11335851	16305761	6.80%	0.712%
77	14.658	2141	2144	2148	rVV	22245511	31408986	13.10%	1.372%
78	14.707	2148	2152	2156	rVV2	55958388	94217062	39.29%	4.115%
79	14.750	2156	2159	2164	rVB	40660096	57397666	23.94%	2.507%
80	14.817	2164	2170	2176	rBV6	94398928	239804988	100.00%	10.475%
81	14.871	2176	2179	2185	rVB	34925484	50339776	20.99%	2.199%
82	14.999	2193	2200	2205	rBV2	4985083	10803018	4.50%	0.472%
83	15.042	2205	2207	2208	rVV	1859987	1963322	0.82%	0.086%
84	15.085	2208	2214	2225	rVV	39876154	91733203	38.25%	4.007%
85	15.188	2225	2231	2238	rVV2	17046504	31451430	13.12%	1.374%
86	15.262	2238	2243	2248	rVB4	864242	2082393	0.87%	0.091%
87	15.329	2248	2254	2257	rBV	1959954	3714548	1.55%	0.162%
88	15.384	2257	2263	2269	rVV	20283124	36329877	15.15%	1.587%
89	15.432	2269	2271	2274	rVV2	369634	406168	0.17%	0.018%
90	15.487	2274	2280	2284	rVV	4870781	8935868	3.73%	0.390%
91	15.536	2284	2288	2298	rVB3	1668750	3886866	1.62%	0.170%
92	15.670	2303	2310	2319	rBV	3207586	6576893	2.74%	0.287%
93	15.743	2319	2322	2326	rVV	292333	410413	0.17%	0.018%
94	15.798	2326	2331	2334	rVV2	693202	1409484	0.59%	0.062%
95	15.841	2334	2338	2349	rVB	1202089	2875615	1.20%	0.126%
96	15.963	2349	2358	2365	rVV	2436079	4868408	2.03%	0.213%
97	16.042	2365	2371	2385	rVB2	609132	1446667	0.60%	0.063%
98	16.353	2418	2422	2426	rBV4	40193	82915	0.03%	0.004%
99	16.457	2432	2439	2446	rBV	1798276	3716173	1.55%	0.162%
100	16.658	2464	2472	2483	rVB	542229	1276129	0.53%	0.056%

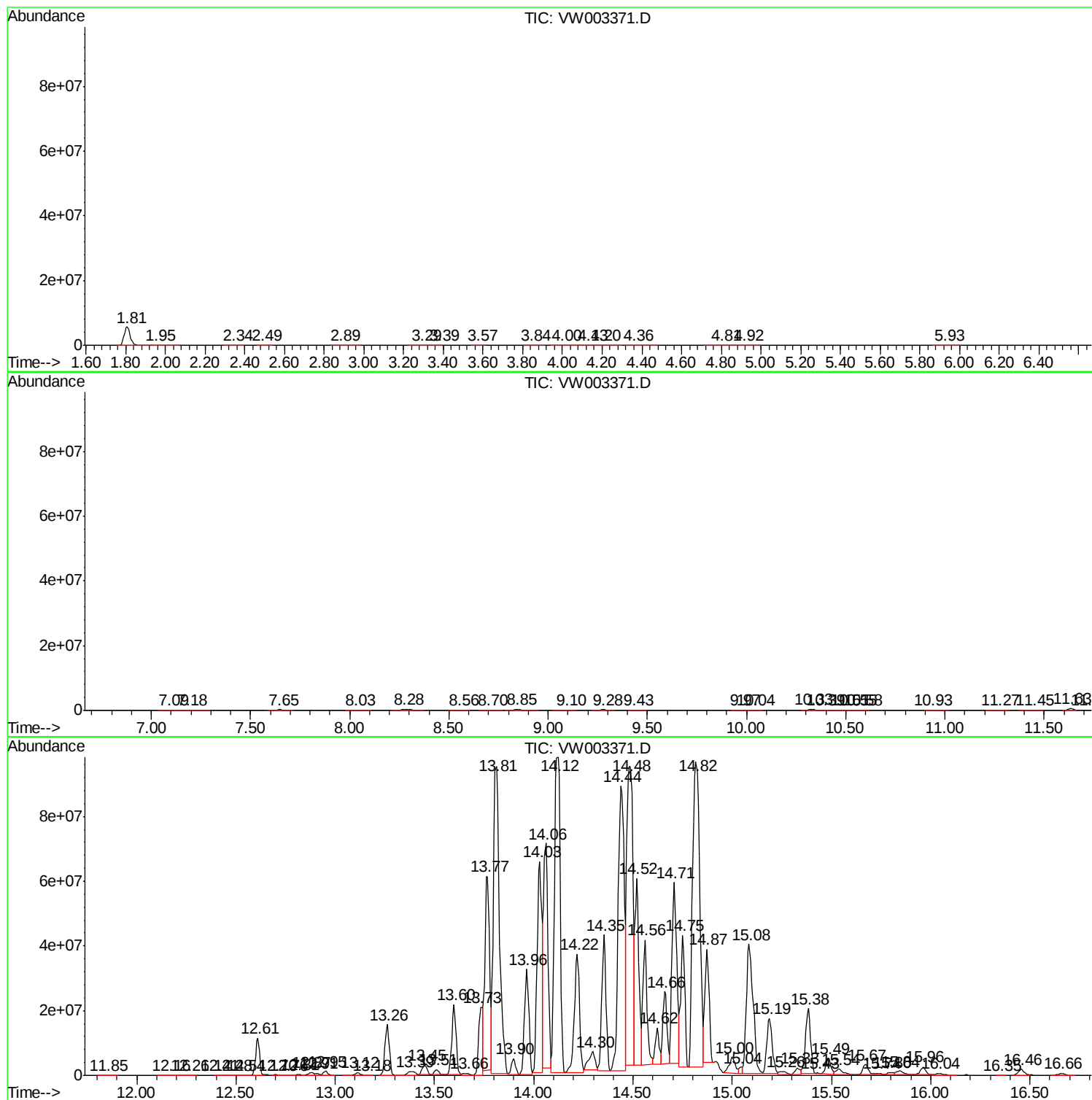
Sum of corrected areas: 2289350697

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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\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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MSVOA_W
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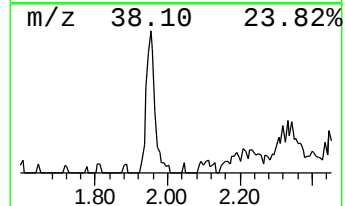
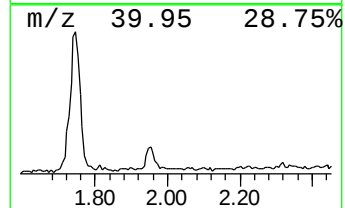
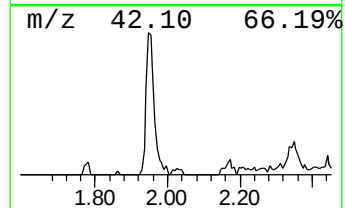
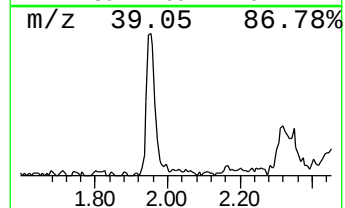
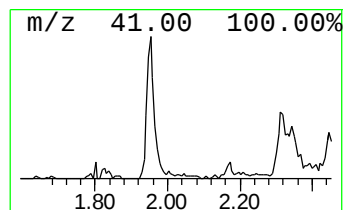
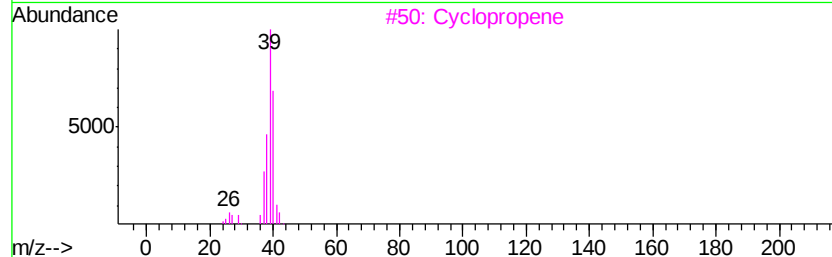
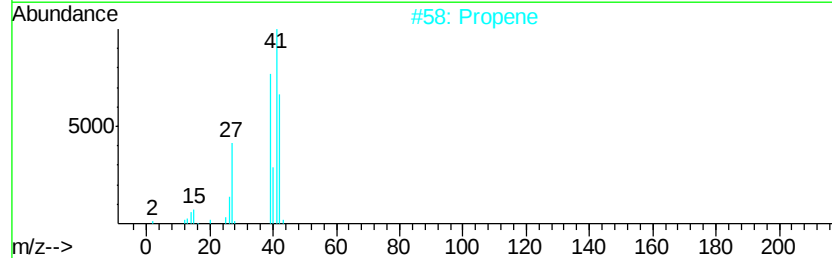
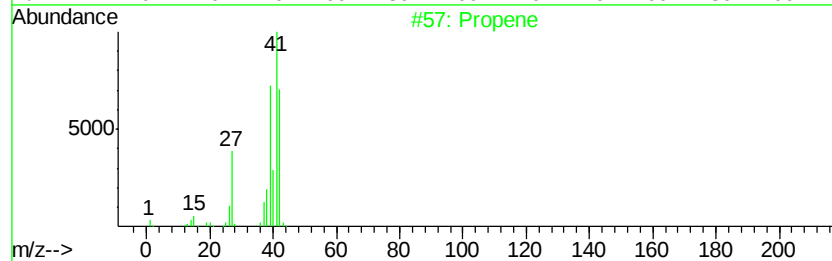
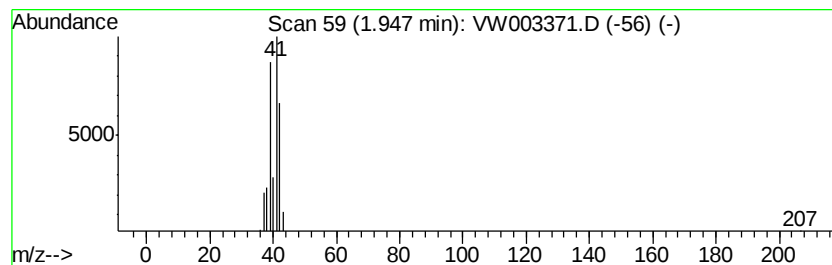
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic1.95 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	1.71 ug/L	48518	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	45
3		Cyclopropene	40	C3H4	002781-85-3	9
4		Cyclopropane	42	C3H6	000075-19-4	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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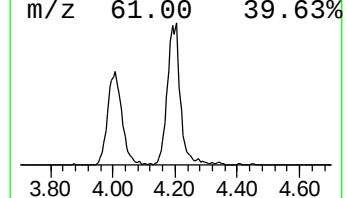
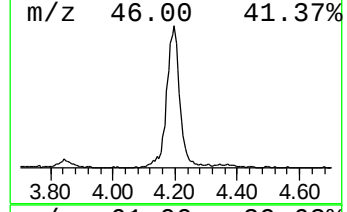
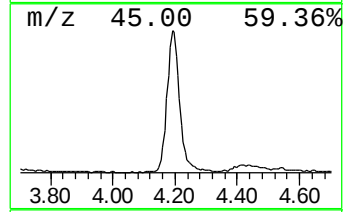
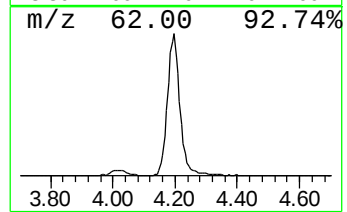
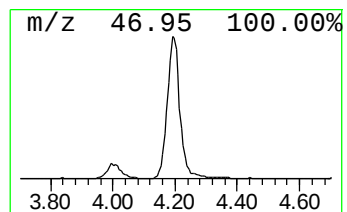
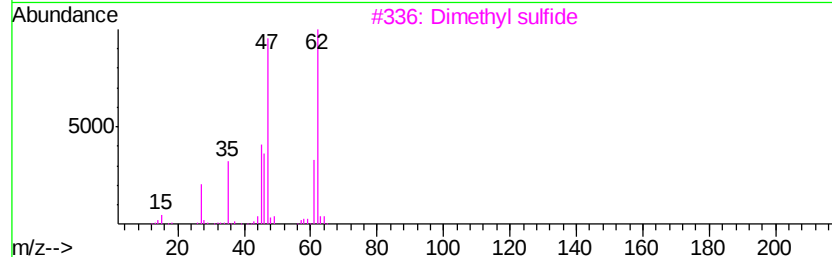
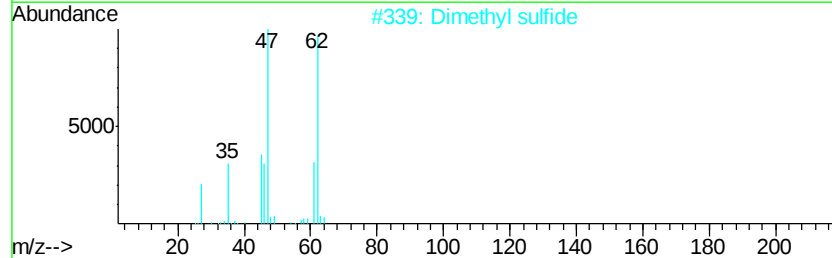
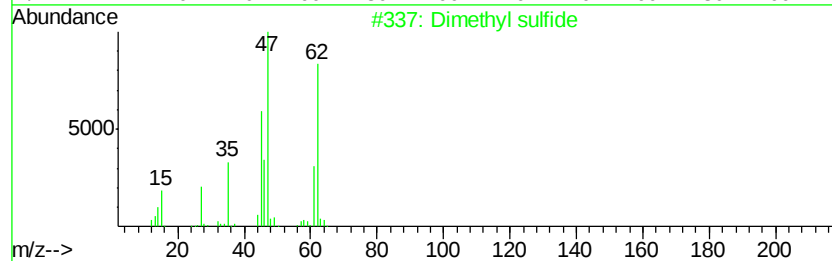
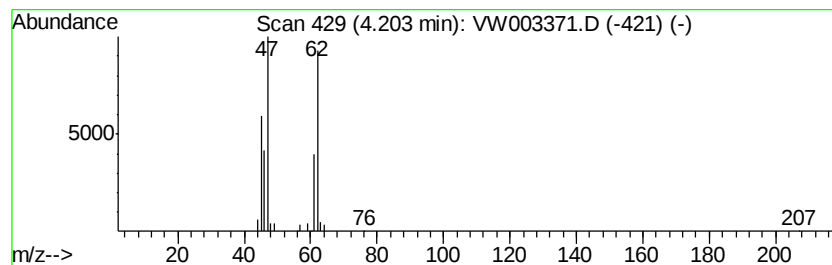
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Quant Title : VOC Analysis

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

Peak Number 4 Dimethyl sulfide Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	11.94 ug/L	338893	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	91
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	78



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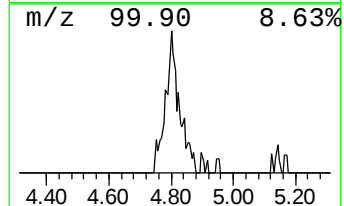
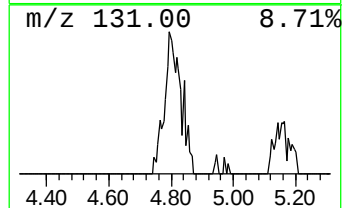
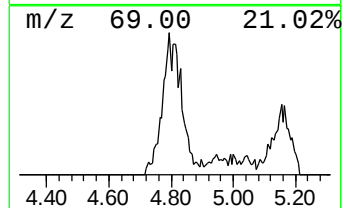
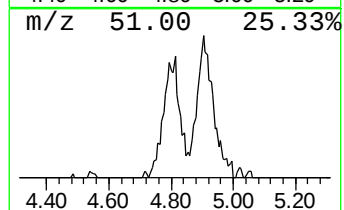
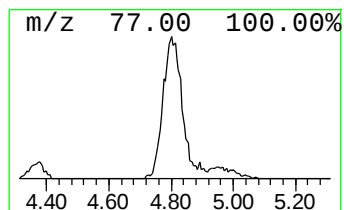
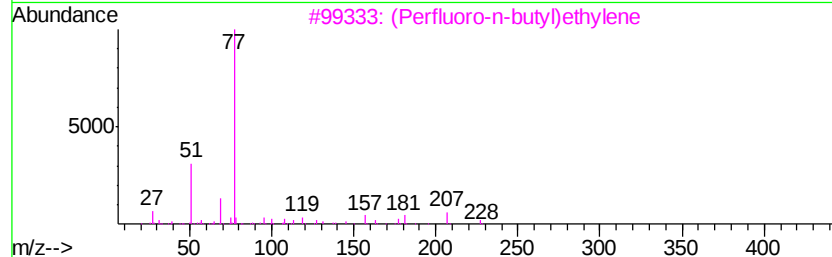
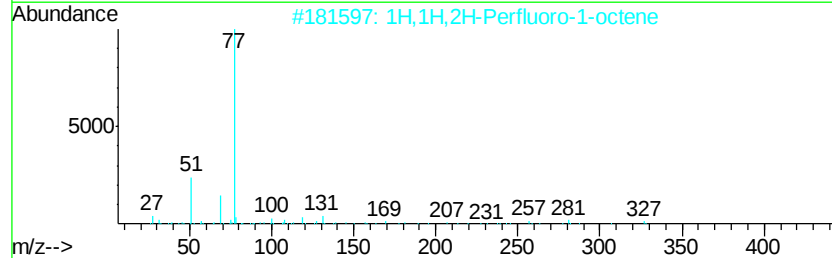
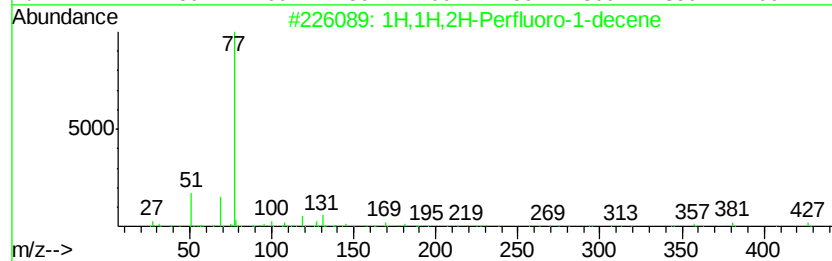
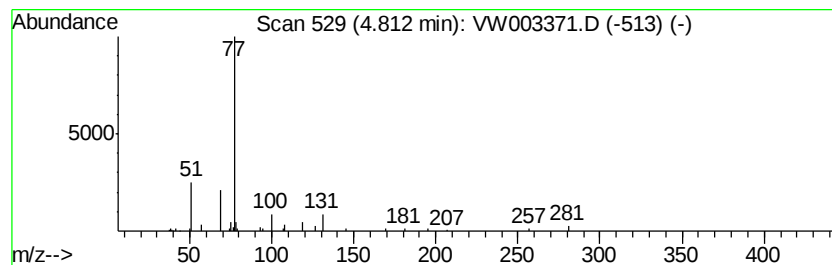
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 5 1H,1H,2H-Perfluoro-1-decene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	1.84 ug/L	52326	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H,1H,2H-Perfluoro-1-decene	446	C10H3F17	021652-58-4	72
2		1H,1H,2H-Perfluoro-1-octene	346	C8H3F13	025291-17-2	72
3		(Perfluoro-n-butyl)ethylene	246	C6H3F9	019430-93-4	39
4		1-Butene, 4-bromo-3,3,4,4-tetra...	206	C4H3BrF4	018599-22-9	38
5		1,5-Octadiene, 3,3,4,4,7,7,8,8,8...	272	C8H5F9	040723-75-9	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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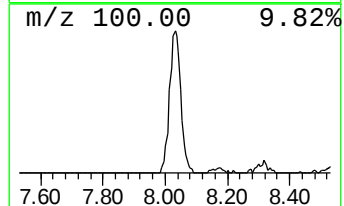
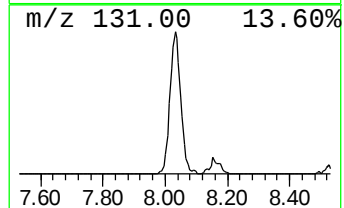
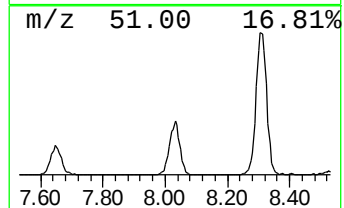
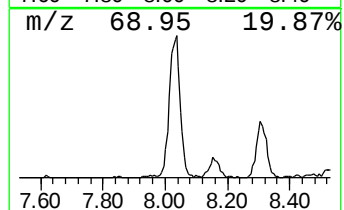
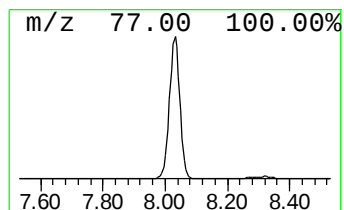
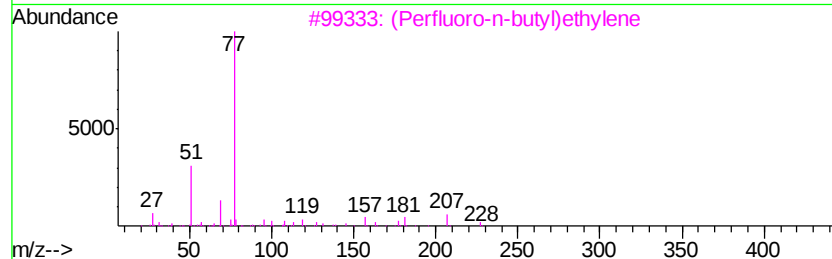
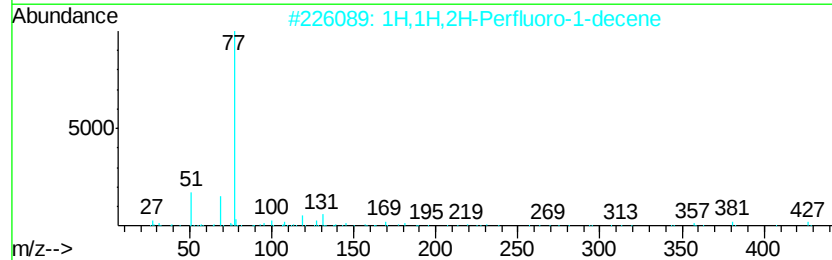
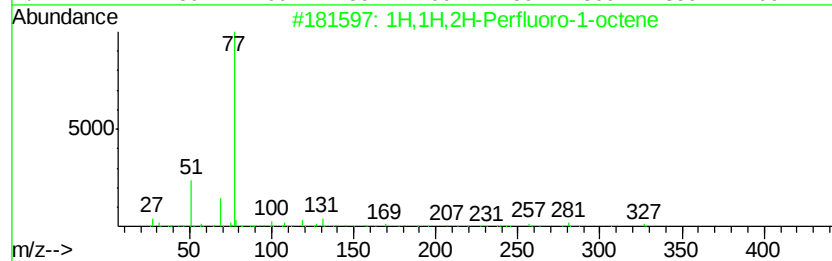
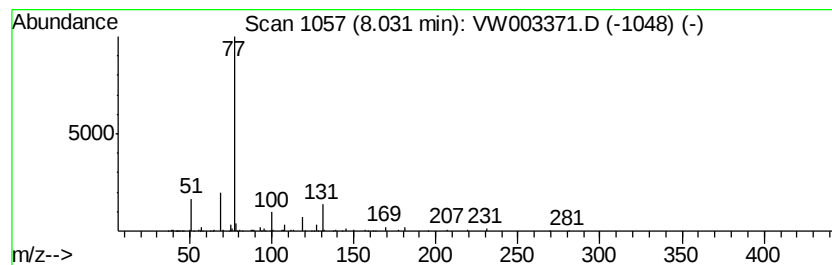
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Quant Title : VOC Analysis

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

Peak Number 6 1H,1H,2H-Perfluoro-1-octene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	7.10 ug/L	201353	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	64
2		1H,1H,2H-Perfluoro-1-decene	446	C10H3F17	021652-58-4	50
3		(Perfluoro-n-butyl)ethylene	246	C6H3F9	019430-93-4	38
4		1-Butene, 4-bromo-3,3,4,4-tetra...	206	C4H3BrF4	018599-22-9	9
5		1,5-Hexadiene, 3,3,4,4-tetrafluoro-	154	C6H6F4	001763-21-9	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

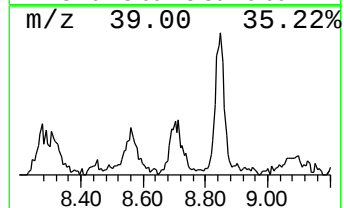
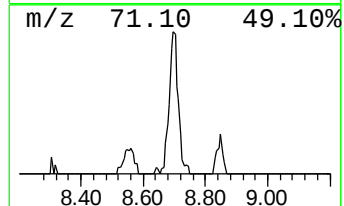
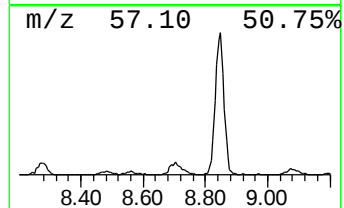
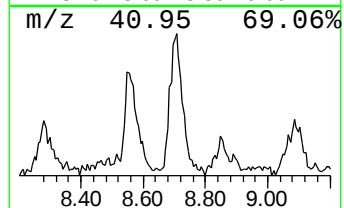
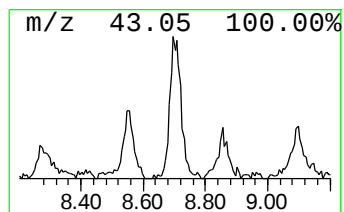
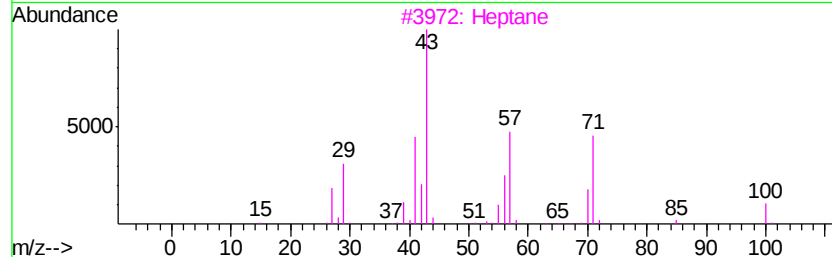
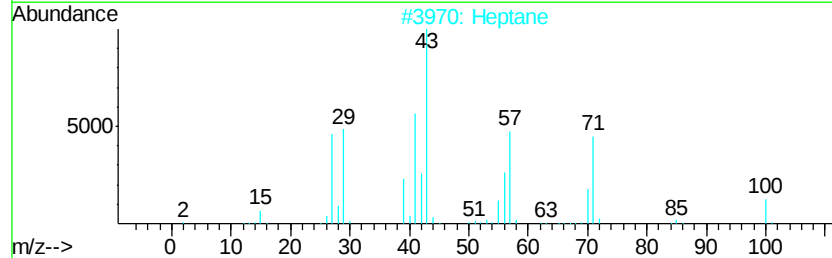
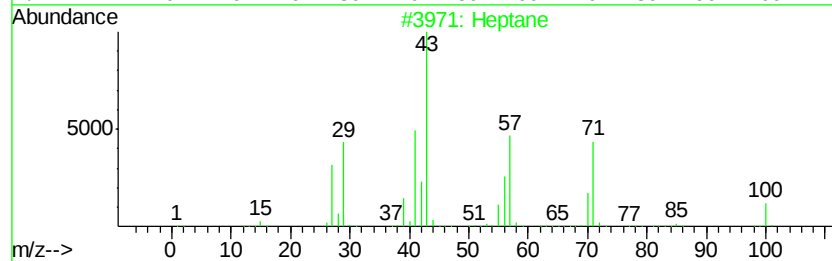
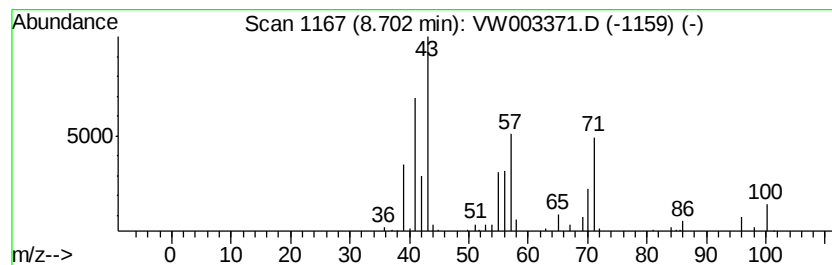
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.32 ug/L	37394	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	74
2		Heptane	100	C7H16	000142-82-5	74
3		Heptane	100	C7H16	000142-82-5	74
4		Heptane	100	C7H16	000142-82-5	64
5		Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

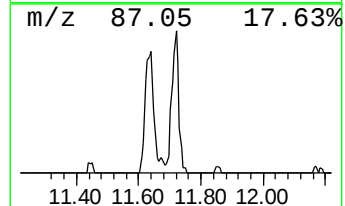
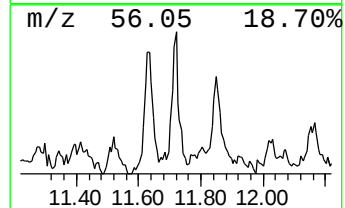
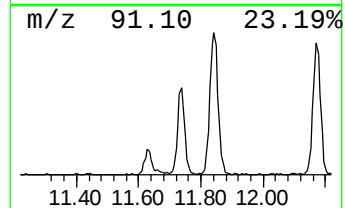
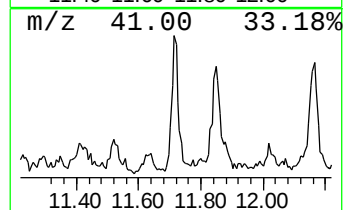
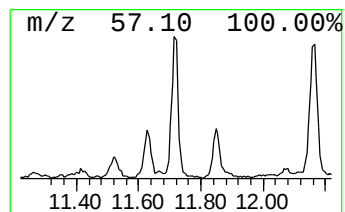
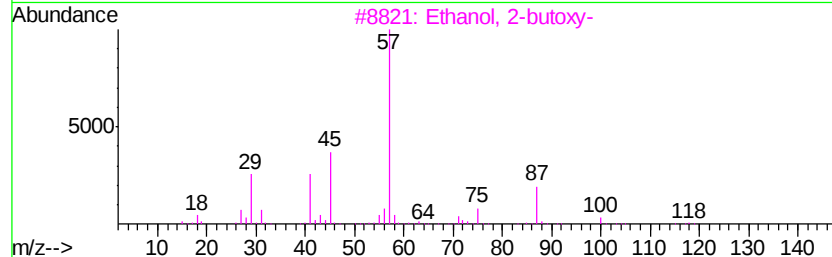
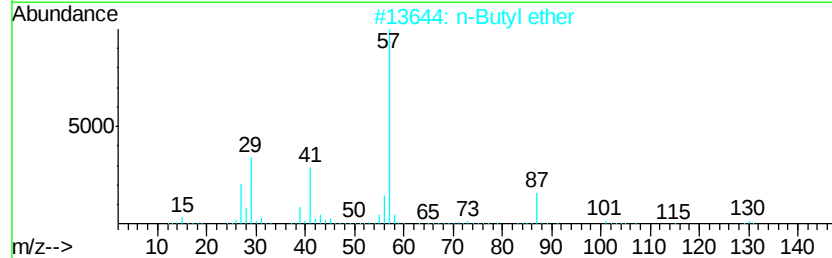
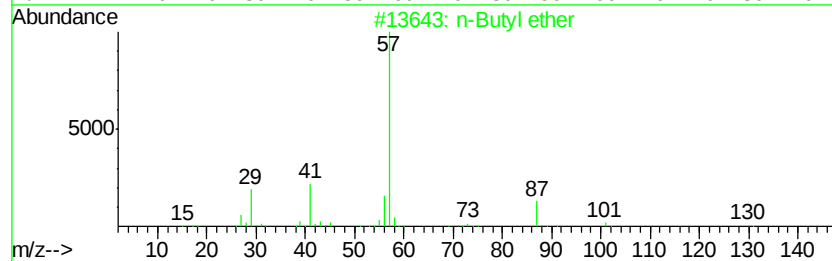
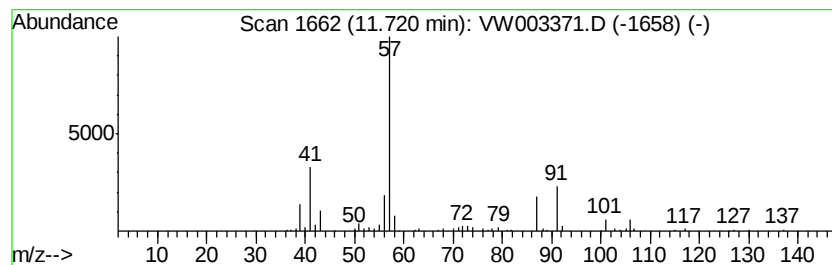
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Quant Title : VOC Analysis

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

Peak Number 11 n-Butyl ether Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	1.40 ug/L	68705	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Butyl ether	130	C8H18O	000142-96-1	53
2			n-Butyl ether	130	C8H18O	000142-96-1	40
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38
4			Pentane, 1-butoxy-	144	C9H20O	018636-66-3	36
5			Borinic acid, diethyl-	86	C4H11BO	004426-31-7	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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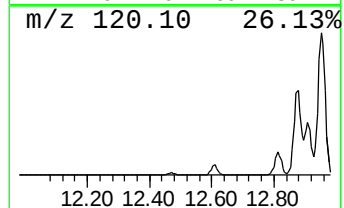
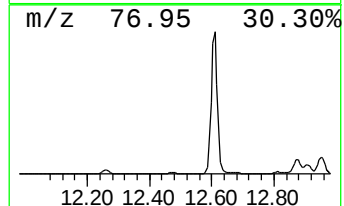
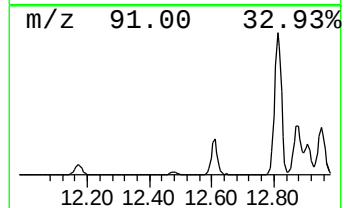
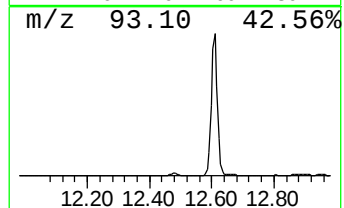
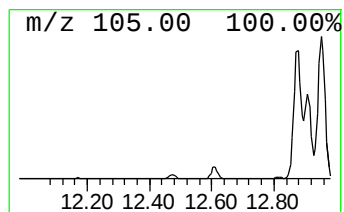
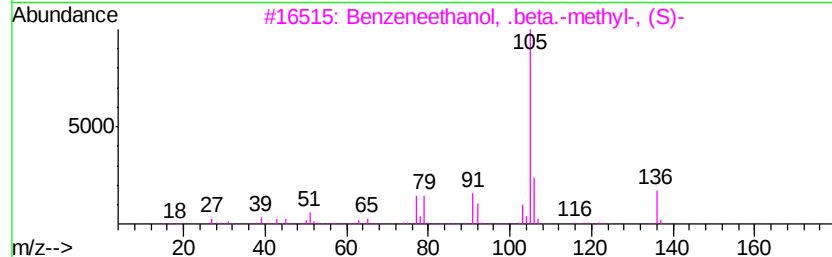
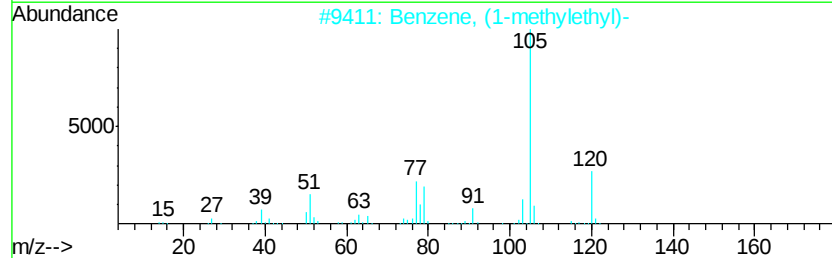
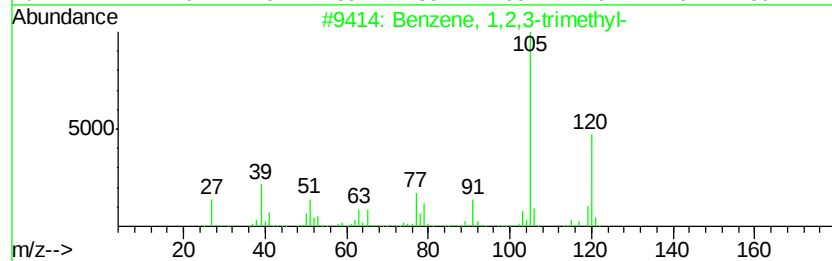
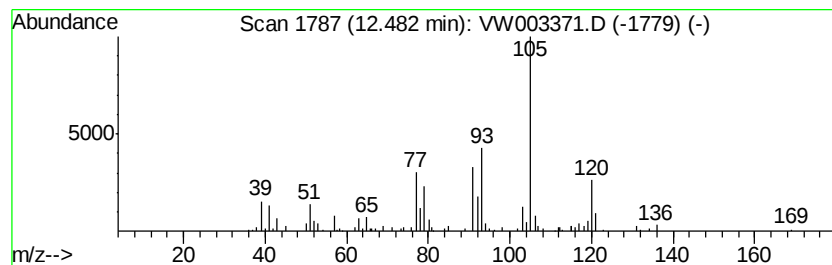
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.64 ug/L	80997	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
3		Benzeneethanol, .beta.-methyl-, ...	136	C9H12O	037778-99-7	55
4		Mesitylene	120	C9H12	000108-67-8	53
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003371.D
 Acq On : 20 Jun 2018 23:38
 Operator : SY/AP
 Sample : J3569-18
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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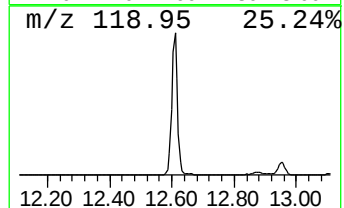
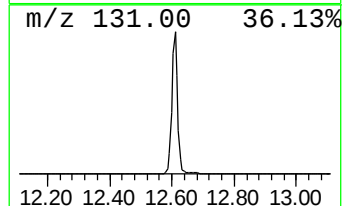
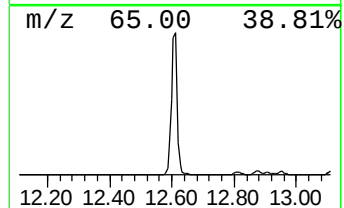
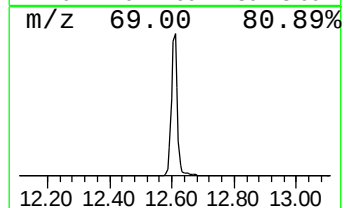
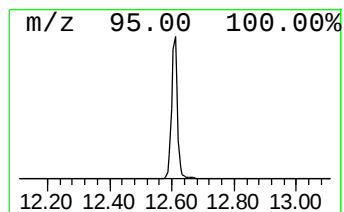
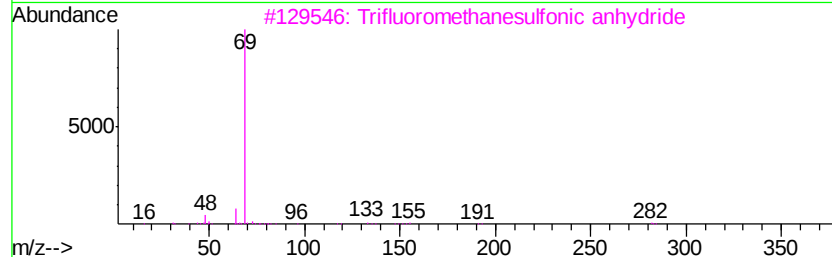
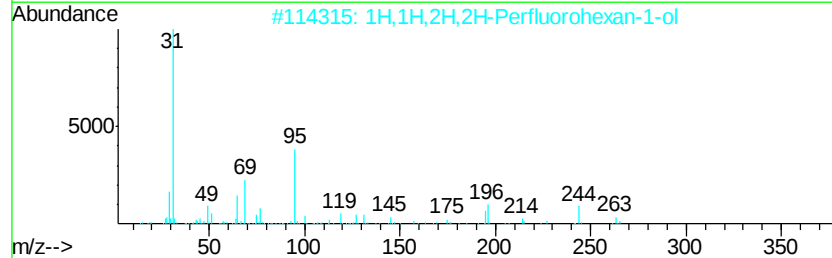
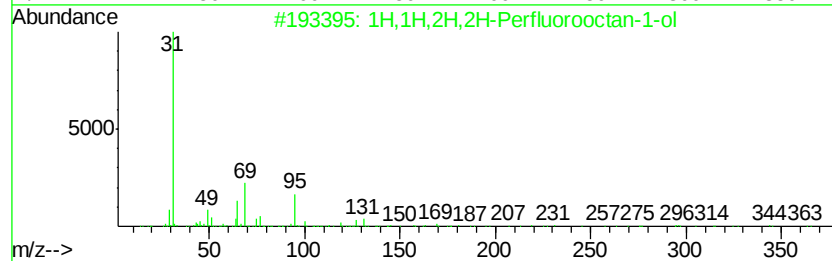
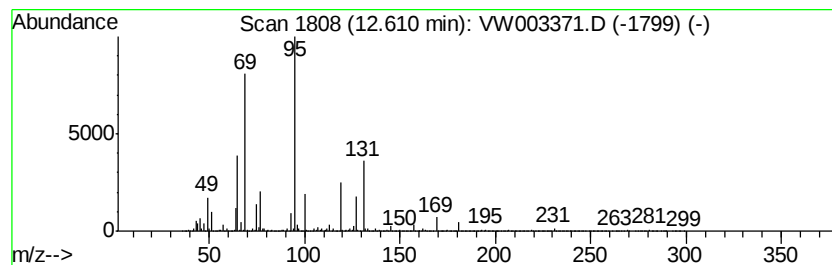
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 Quant Title : VOC Analysis

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

 Peak Number 14 1H,1H,2H,2H-Perfluorooctan-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	11.73 ug/L	15829400	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	9
4		Perfluoro(2-methylpentane)	338	C6F14	000355-04-4	9
5		Perfluorooctane	438	C8F18	000307-34-6	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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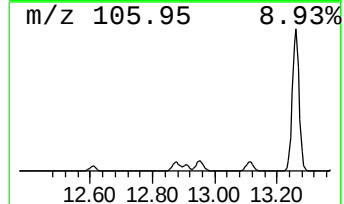
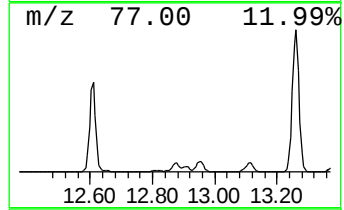
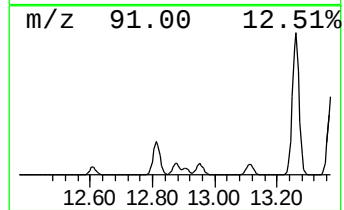
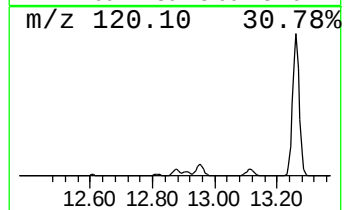
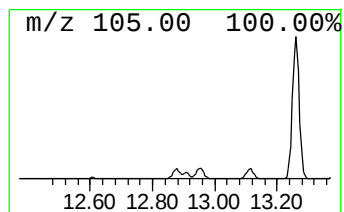
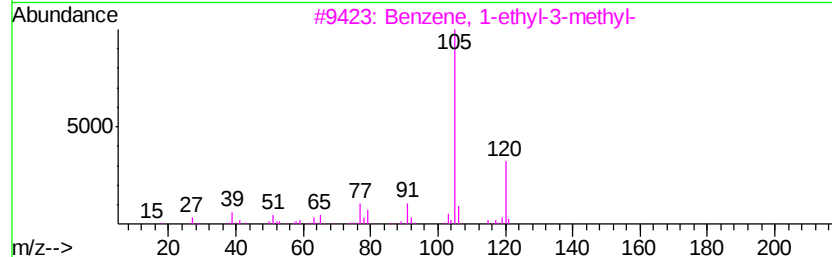
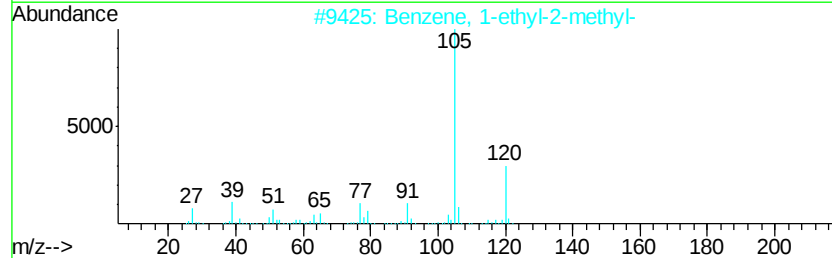
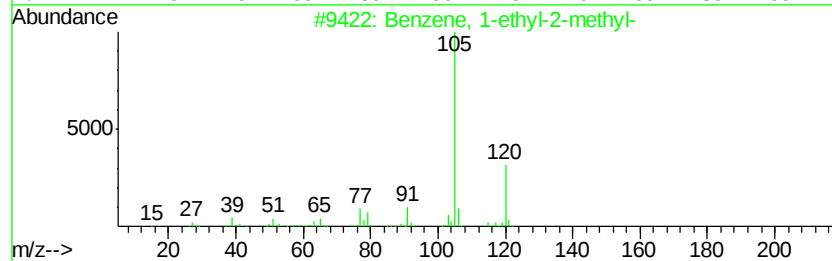
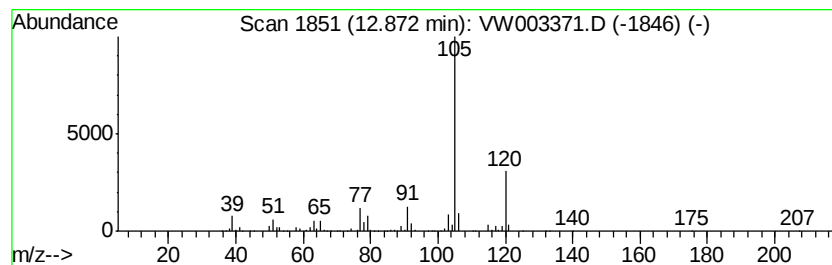
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.28 ug/L	1725330	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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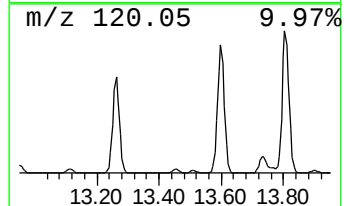
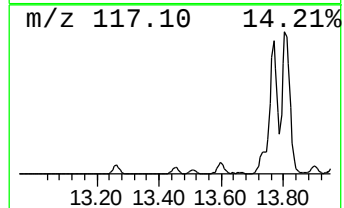
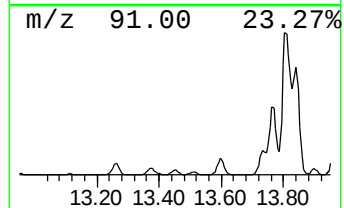
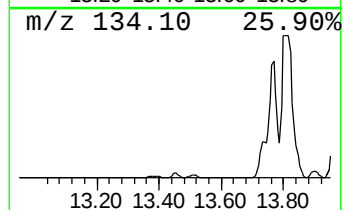
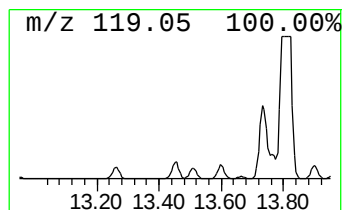
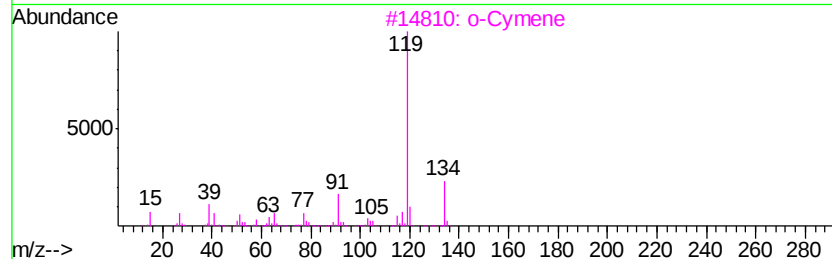
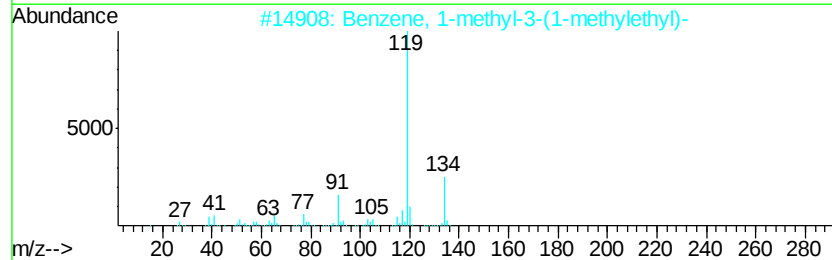
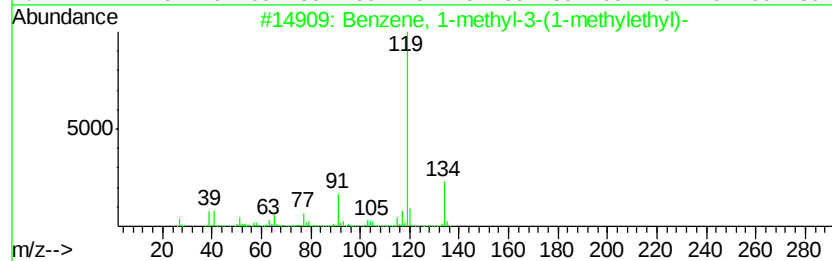
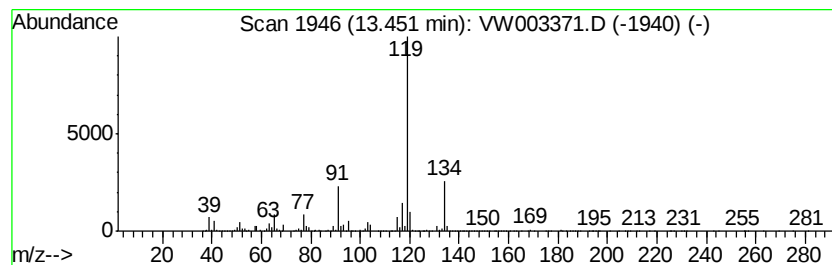
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.91 ug/L	5281690	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

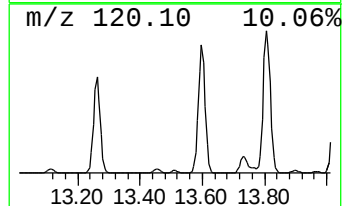
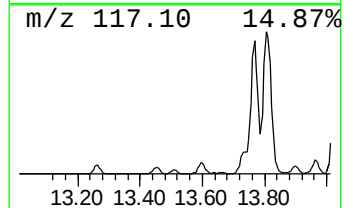
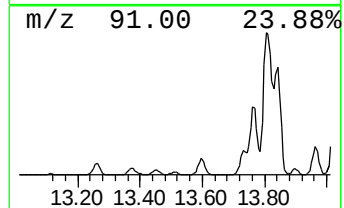
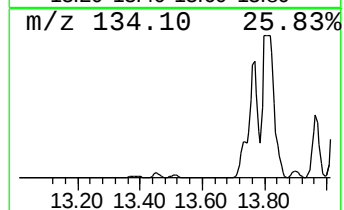
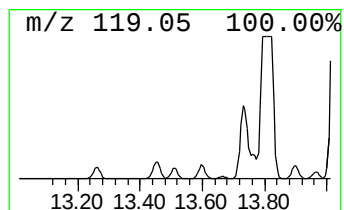
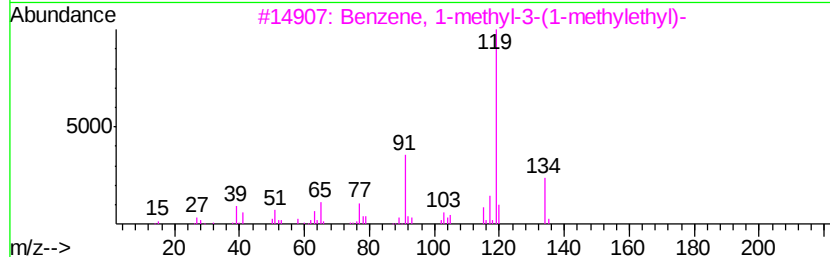
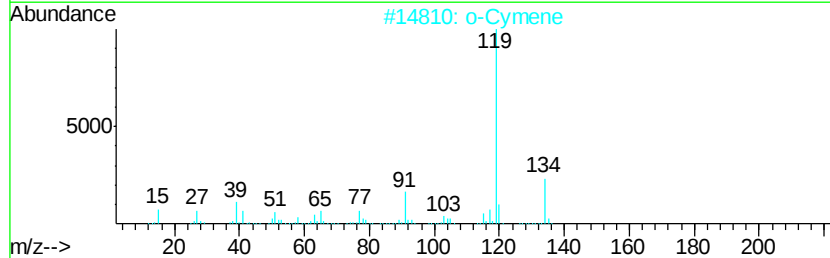
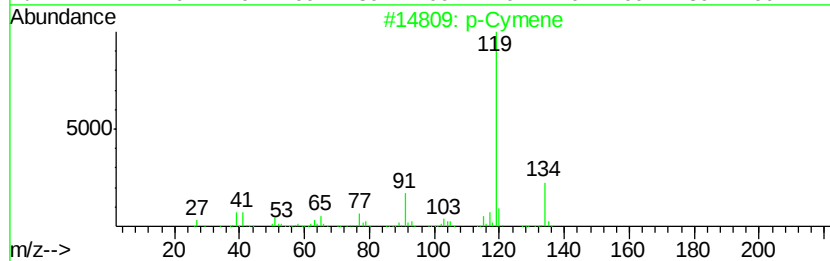
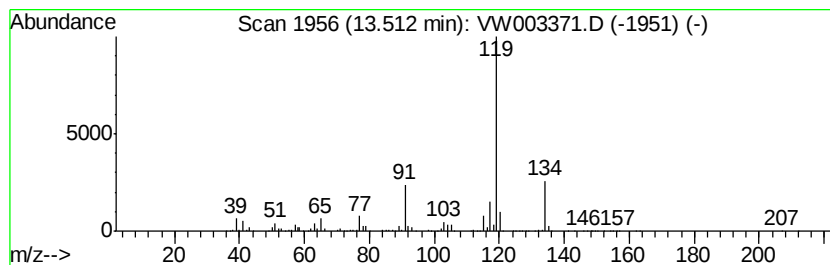
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Quant Title : VOC Analysis

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

Peak Number 21 p-Cymene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.96 ug/L	2642930	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-3-(1-methylethyl)-	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:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

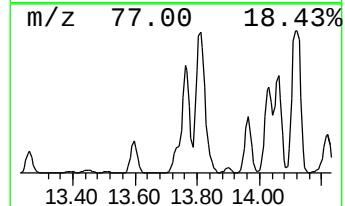
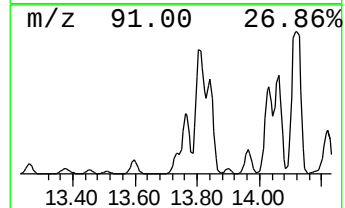
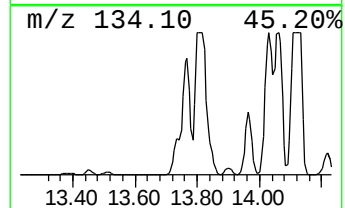
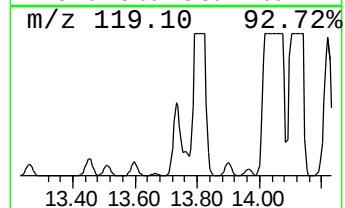
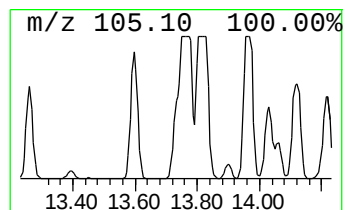
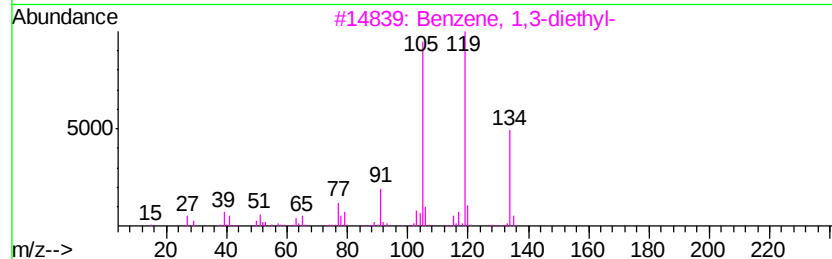
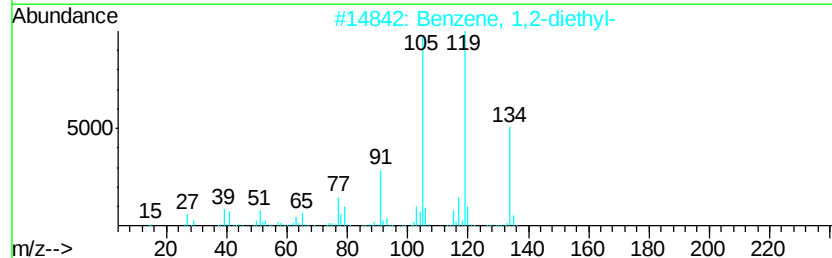
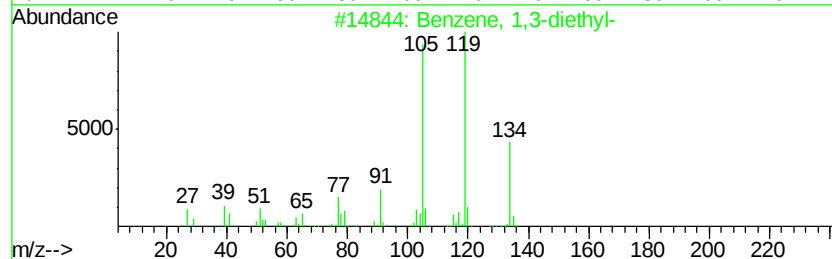
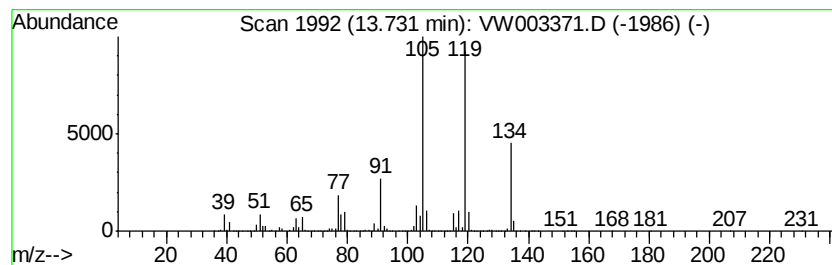
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	24.38 ug/L	32905300	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	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:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

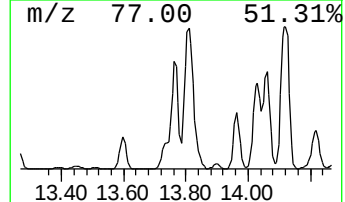
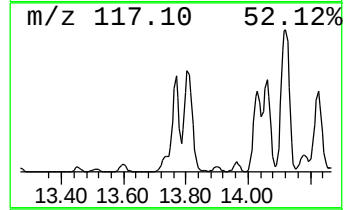
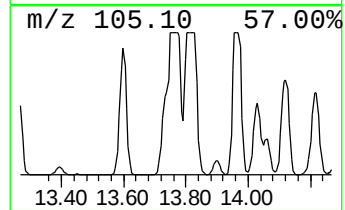
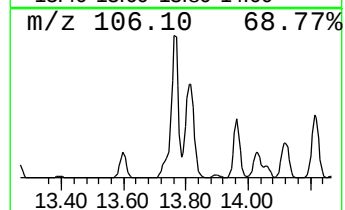
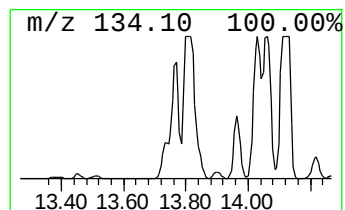
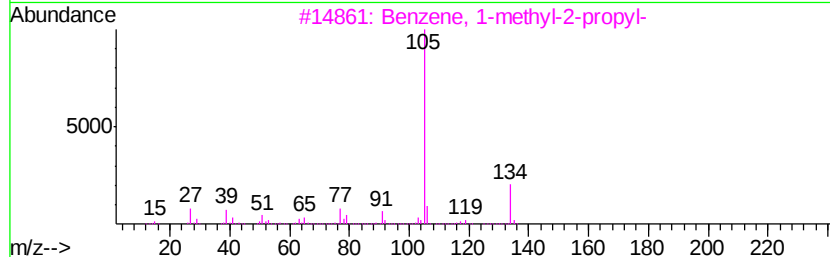
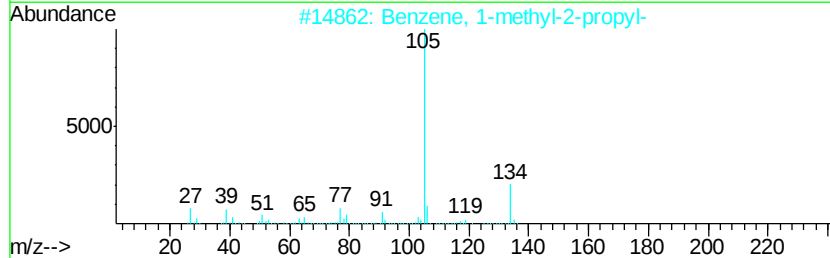
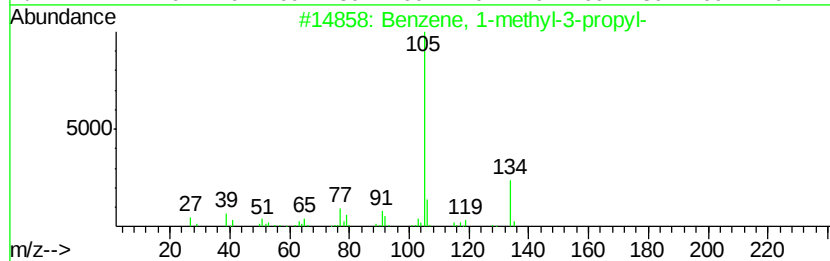
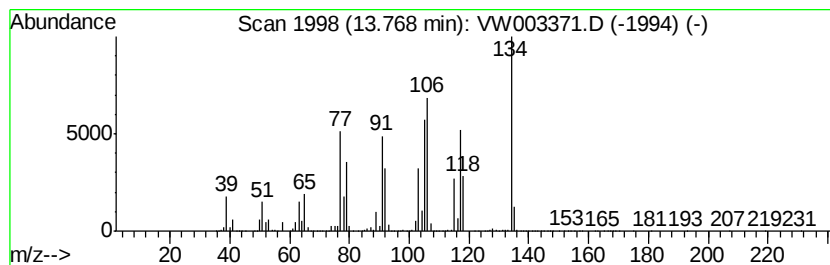
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	75.34 ug/L	101694000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	52
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	52
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	52
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

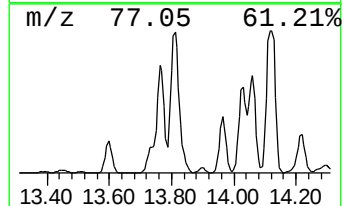
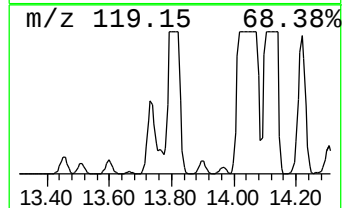
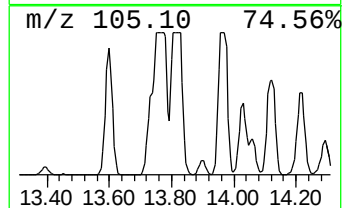
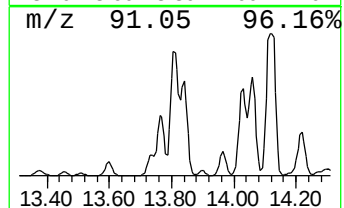
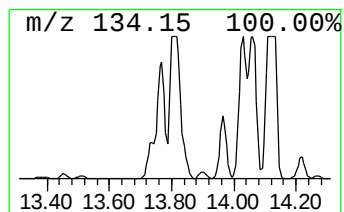
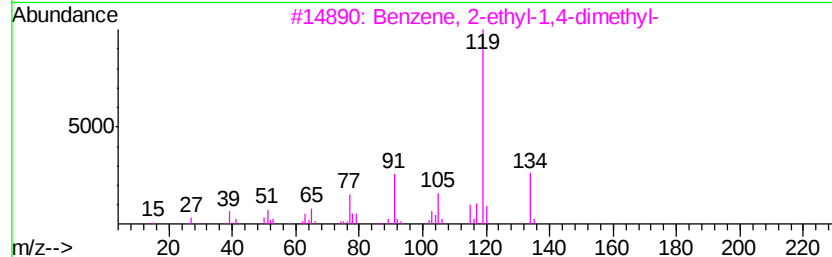
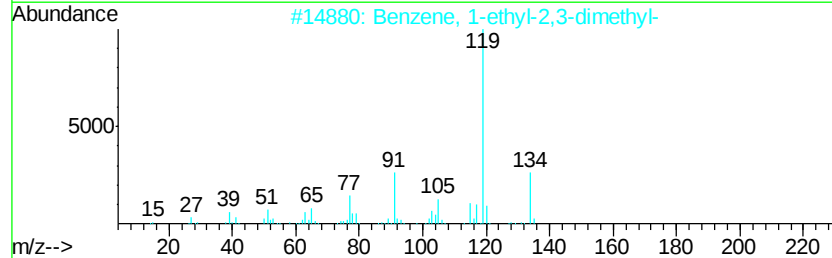
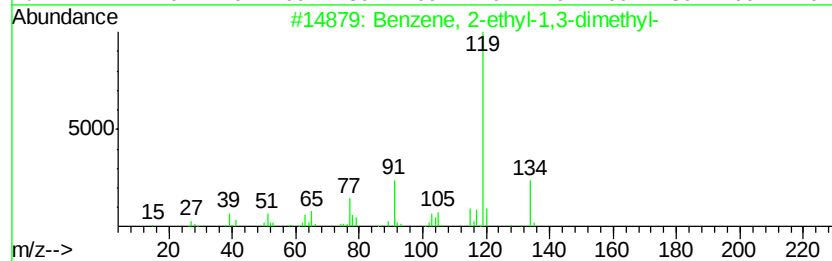
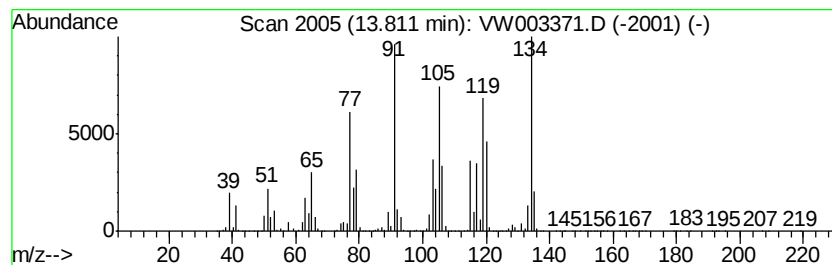
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	150.31 ug/L	202903000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	68
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

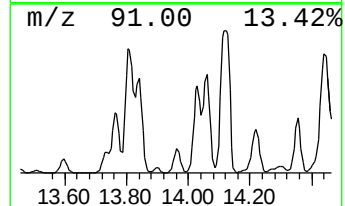
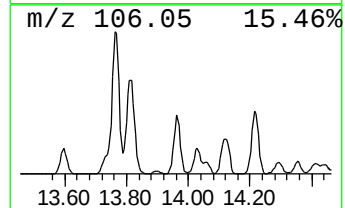
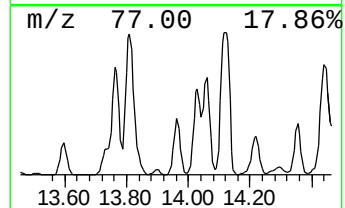
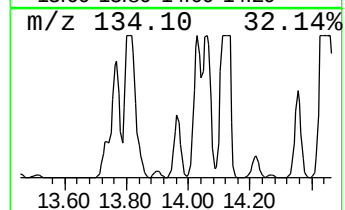
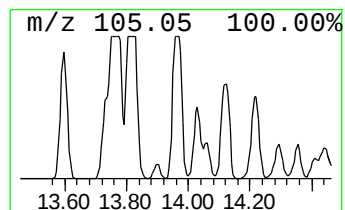
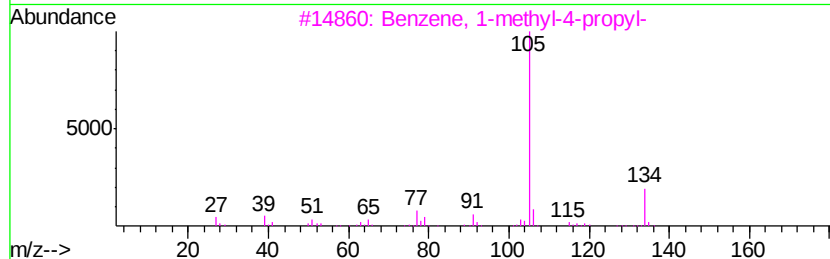
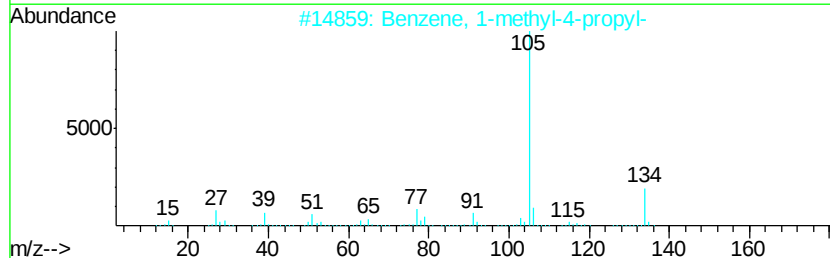
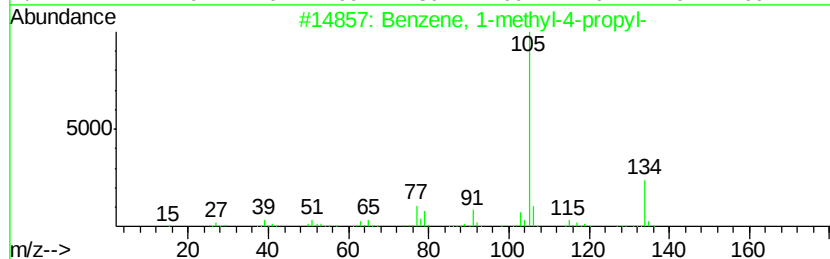
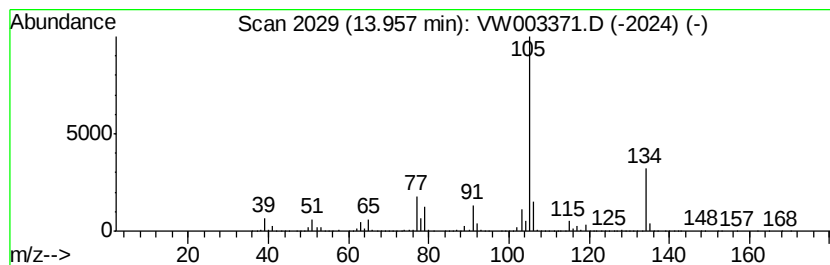
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	36.48 ug/L	49242300	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	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

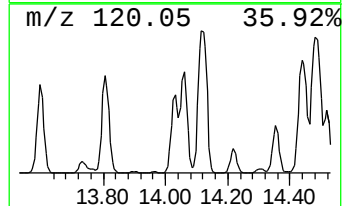
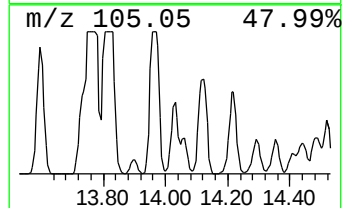
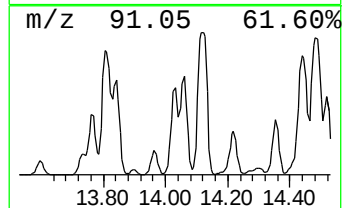
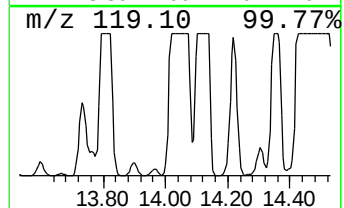
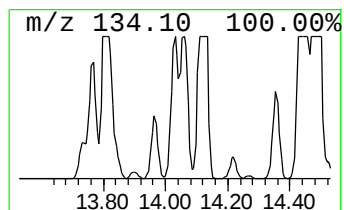
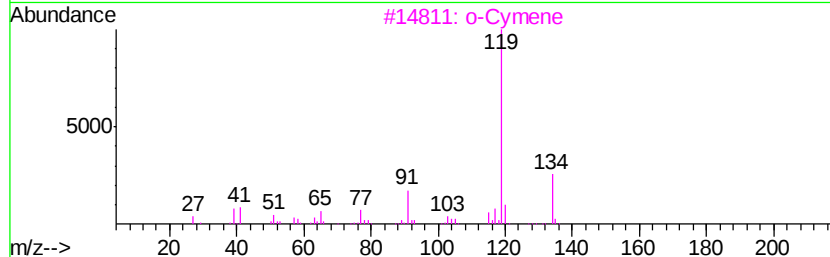
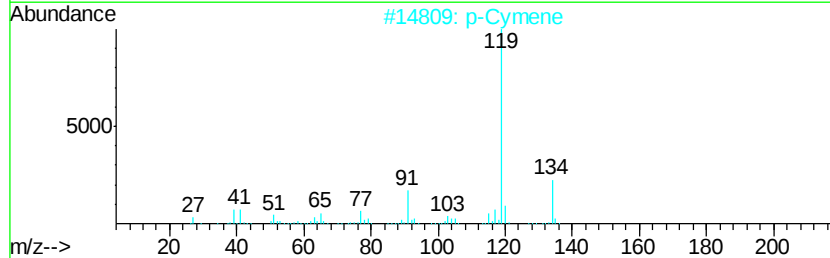
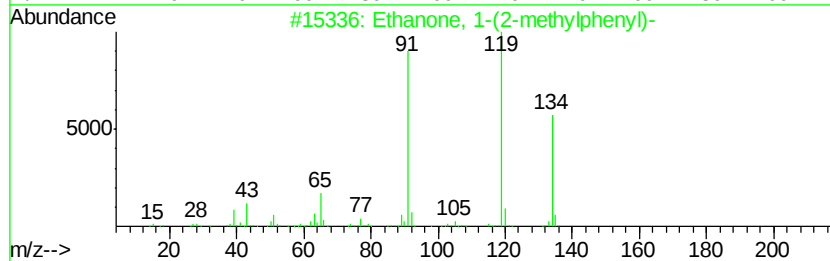
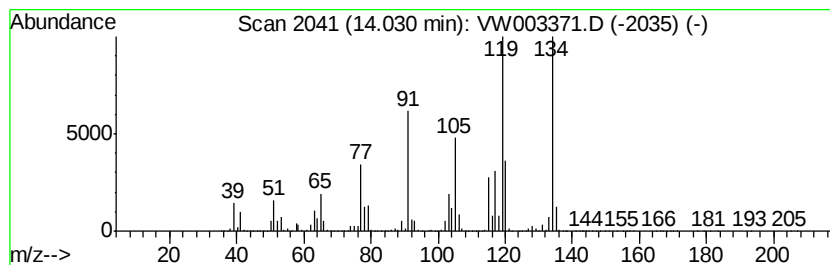
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Quant Title : VOC Analysis

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

Peak Number 26 Ethanone, 1-(2-methylphenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	81.89 ug/L	110538000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	64
2		p-Cymene	134	C10H14	000099-87-6	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5		o-Cymene	134	C10H14	000527-84-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

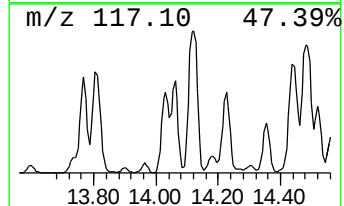
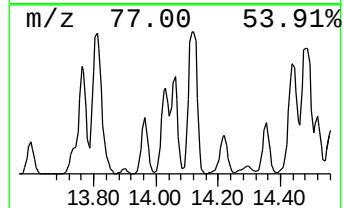
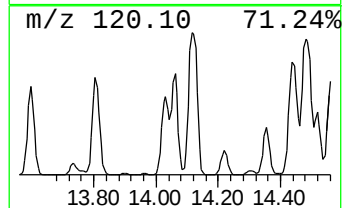
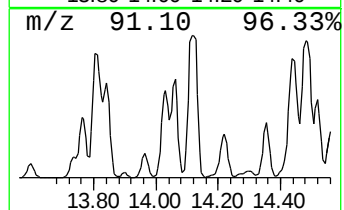
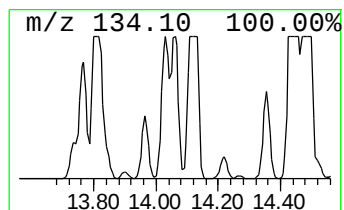
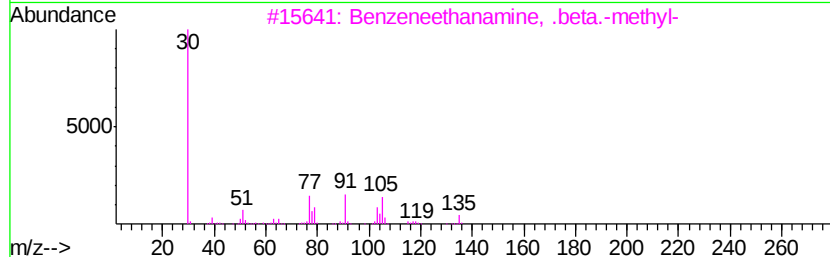
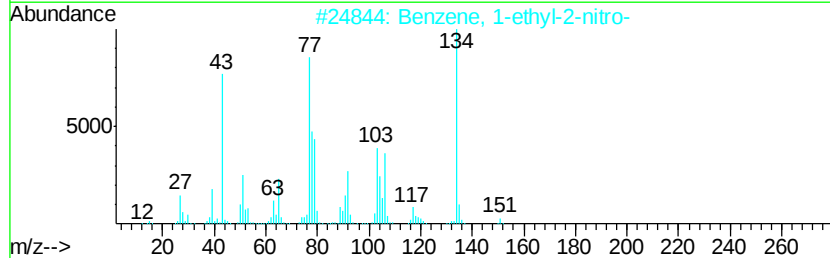
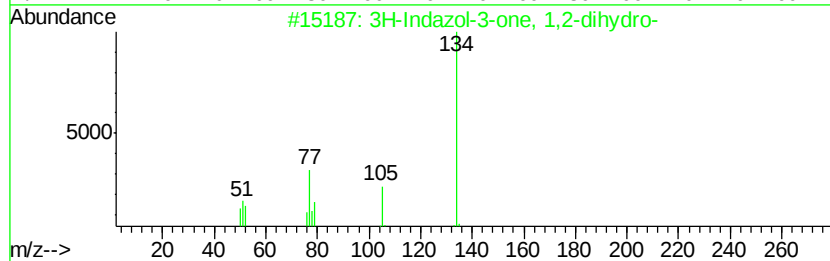
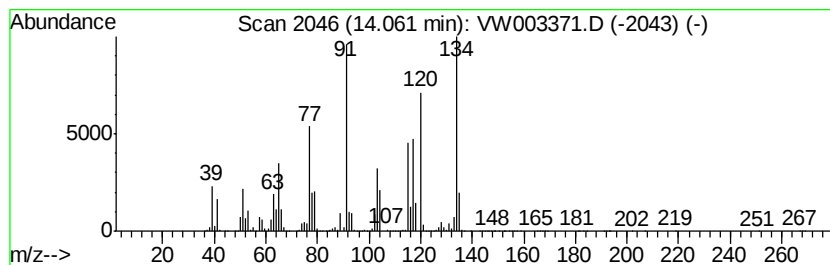
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Quant Title : VOC Analysis

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

Peak Number 27 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	78.42 ug/L	105860000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-Indazol-3-one, 1,2-dihydro-	134	C7H6N2O	007364-25-2	27
2		Benzene, 1-ethyl-2-nitro-	151	C8H9NO2	000612-22-6	25
3		Benzeneethanamine, .beta.-methvl-	135	C9H13N	000582-22-9	22
4		1,2,4-Triazolo[4,3-a]pyridin-3-a...	134	C6H6N4	000767-62-4	18
5		Benzene, 1-ethenyl-4-methoxy-	134	C9H10O	000637-69-4	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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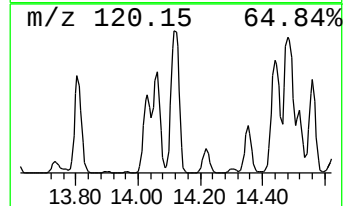
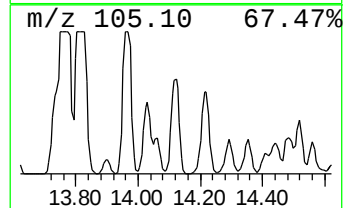
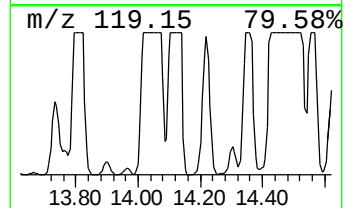
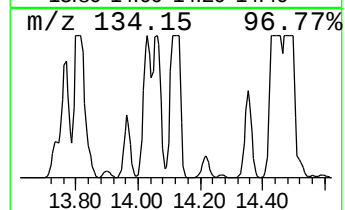
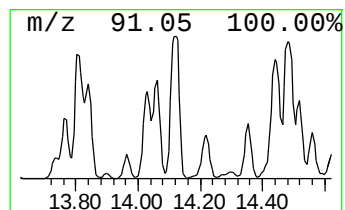
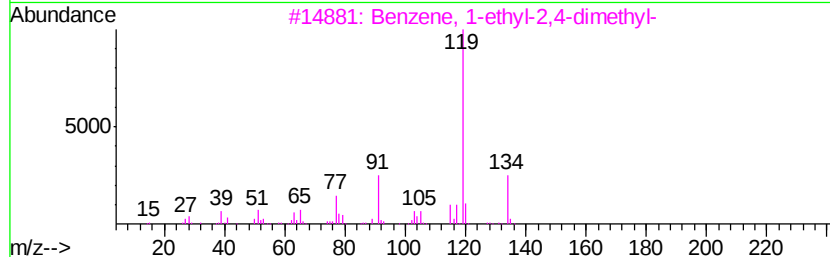
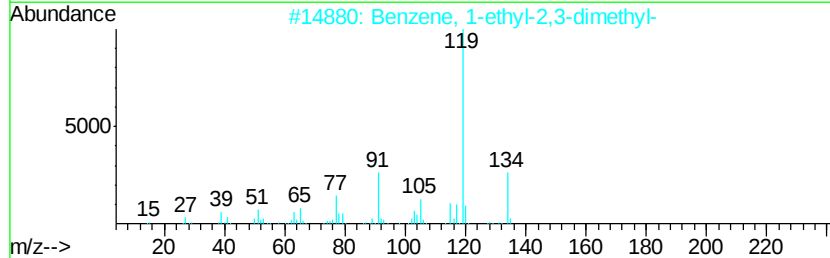
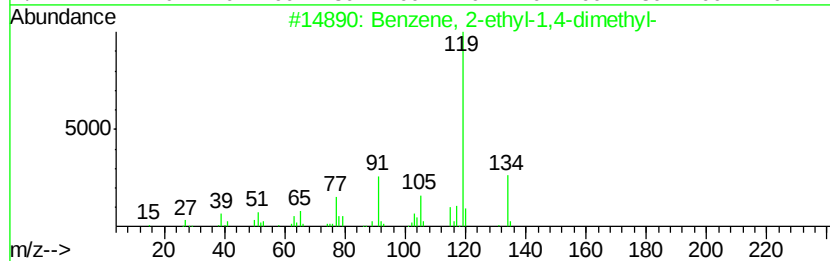
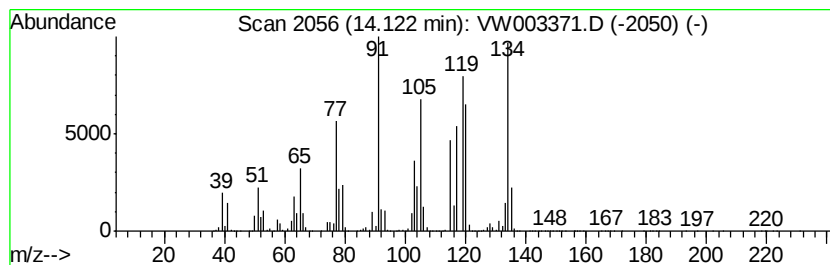
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	149.79 ug/L	202199000	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	86
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	68
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

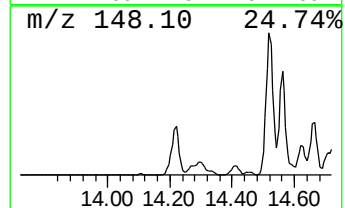
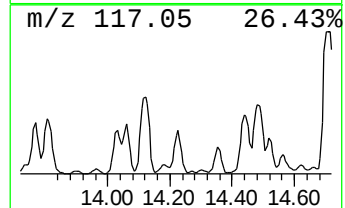
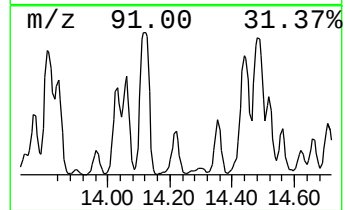
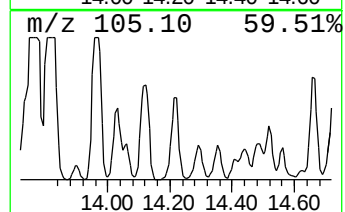
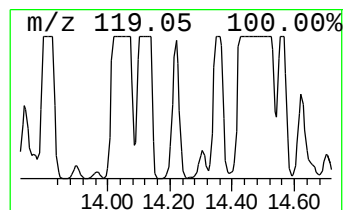
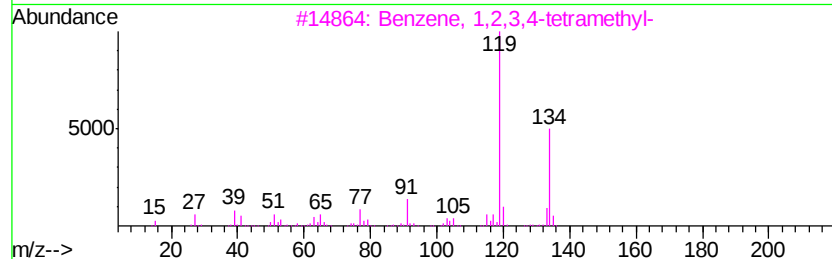
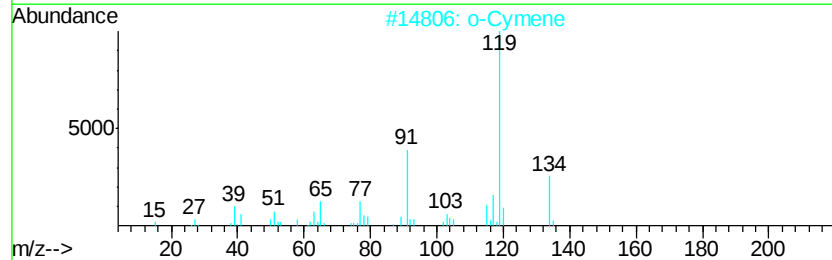
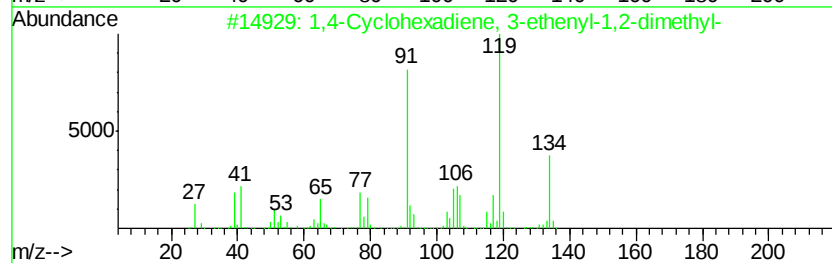
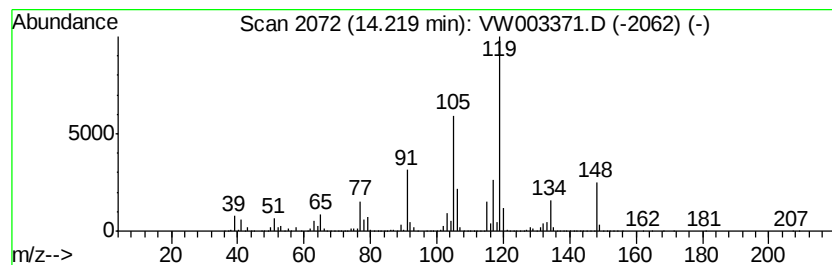
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Quant Title : VOC Analysis

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

Peak Number 29 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	48.45 ug/L	65398700	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	72
2		o-Cymene	134	C10H14	000527-84-4	64
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5		o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

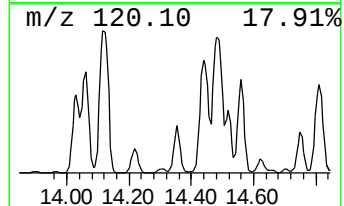
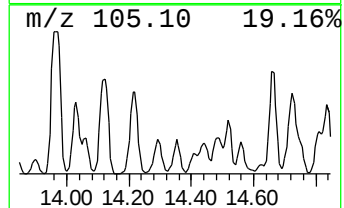
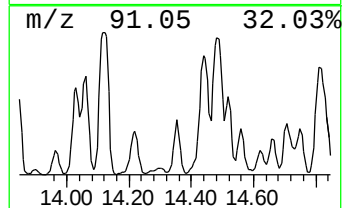
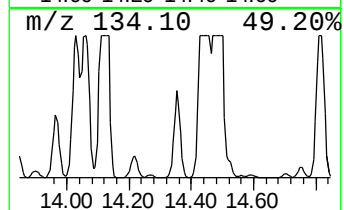
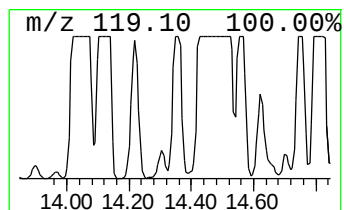
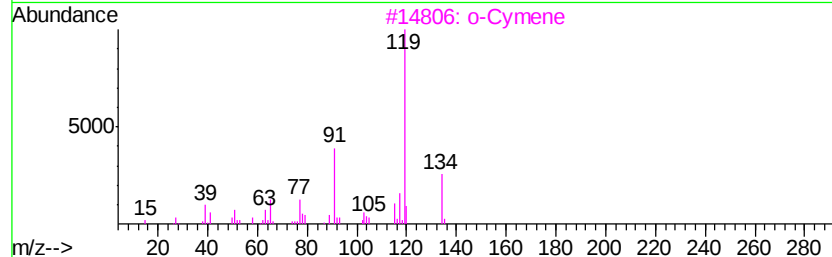
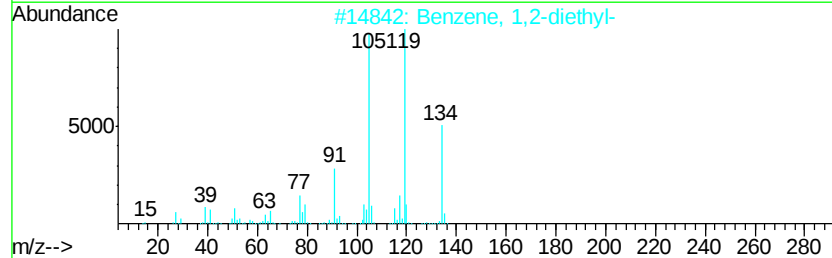
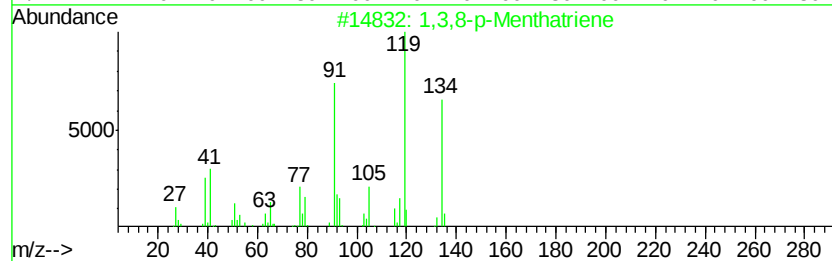
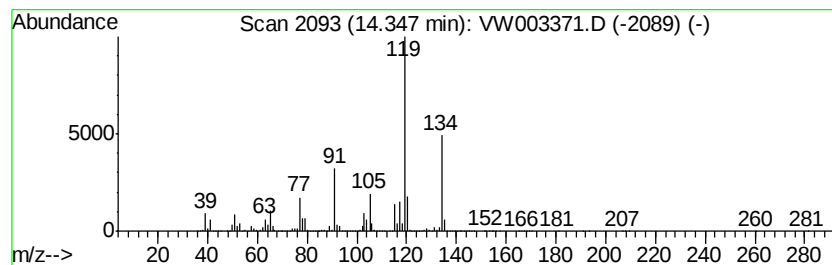
Instrument :
MSVOA_W
ClientSampleId :
DAXT1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 31 1,3,8-p-Menthatriene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	47.19 ug/L	63702400	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,8-p-Menthatriene	134 C10H14	018368-95-1	87
2	Benzene, 1,2-diethyl-	134 C10H14	000135-01-3	87
3	o-Cymene	134 C10H14	000527-84-4	74
4	Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5	70
5	Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

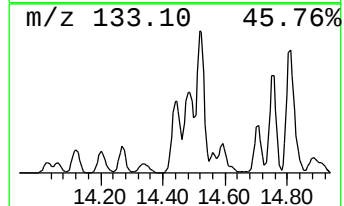
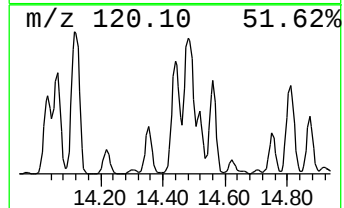
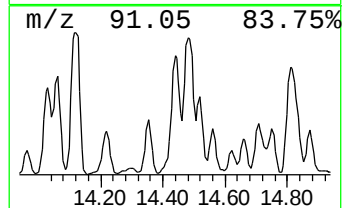
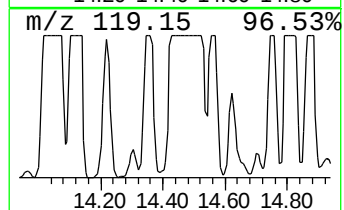
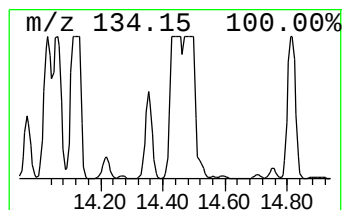
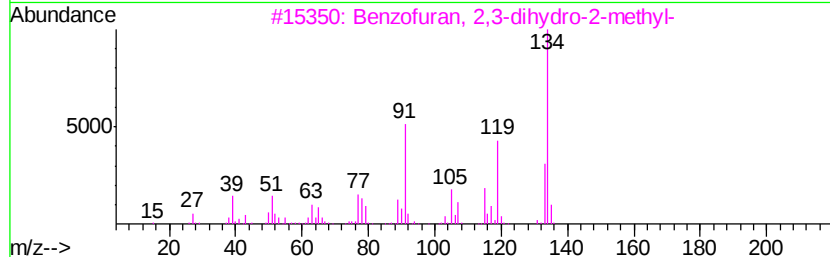
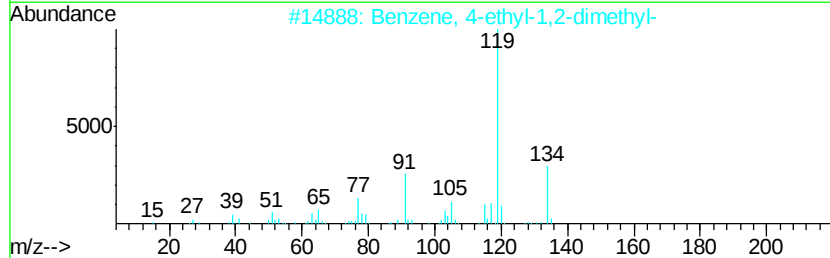
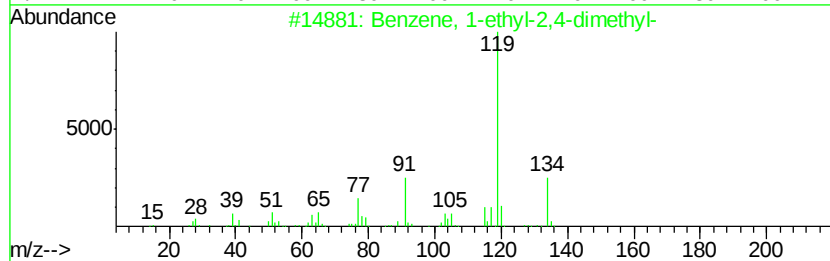
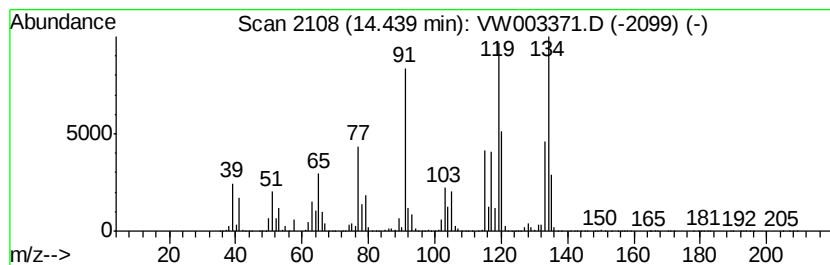
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	142.60 ug/L	192490000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3		Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	52
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

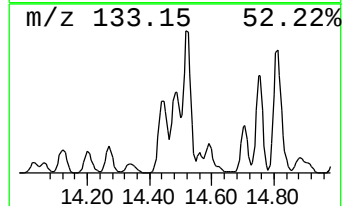
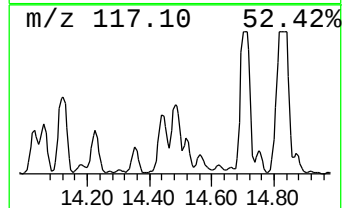
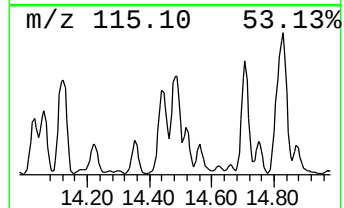
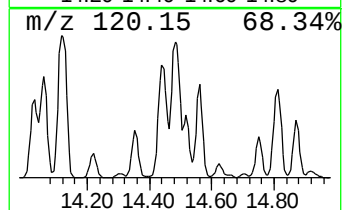
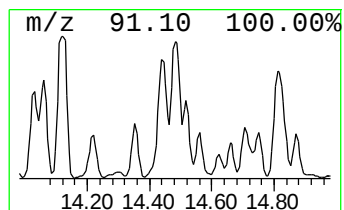
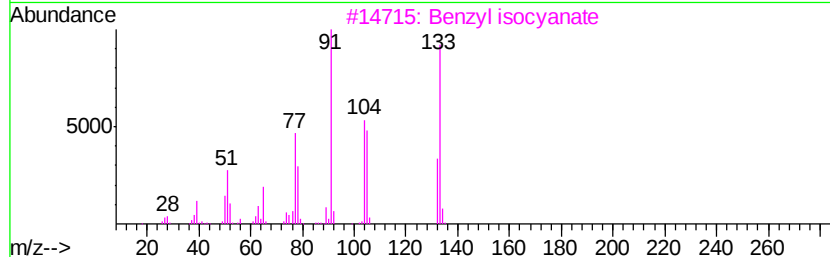
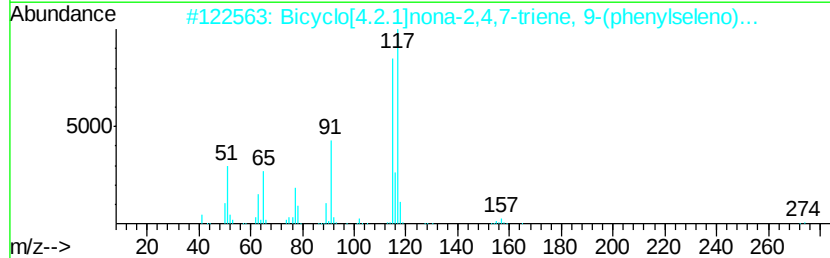
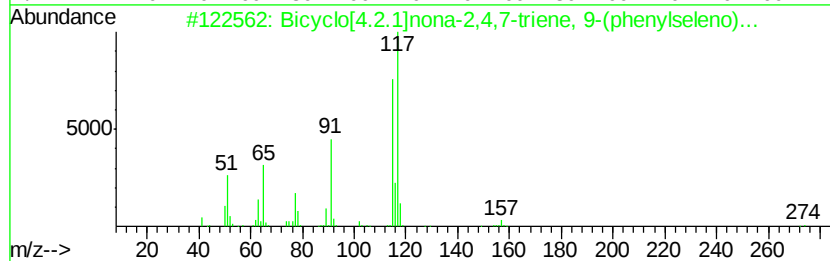
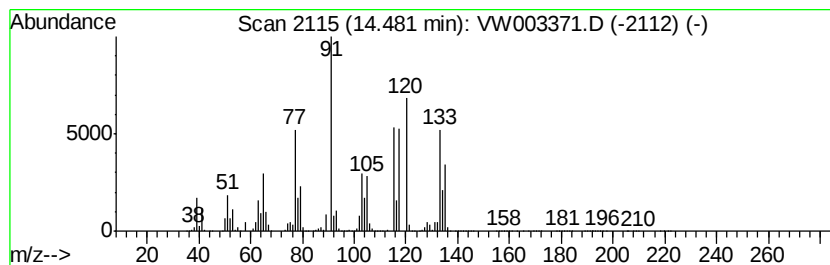
Instrument :
MSVOA_W
ClientSampleId :
DAXT1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 33 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	142.14 ug/L	191869000	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.2.1]nona-2,4,7-triene,...	274 C15H14Se	072065-43-1 22
2		Bicyclo[4.2.1]nona-2,4,7-triene,...	274 C15H14Se	072065-50-0 22
3		Benzyl isocyanate	133 C8H7NO	003173-56-6 18
4		2-(p-Tolyl)ethylamine	135 C9H13N	003261-62-9 18
5		4-Hydrazinobenzonitrile	133 C7H7N3	017672-27-4 14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

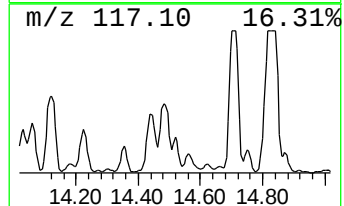
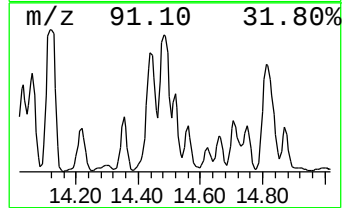
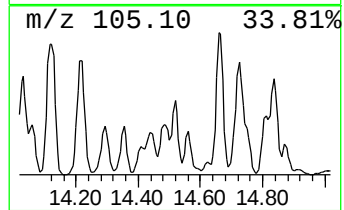
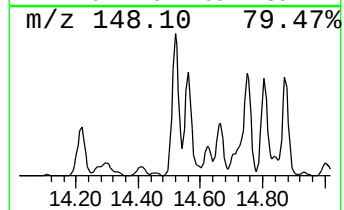
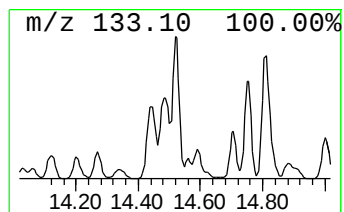
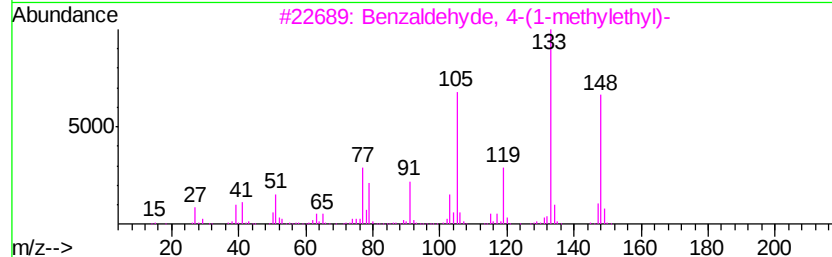
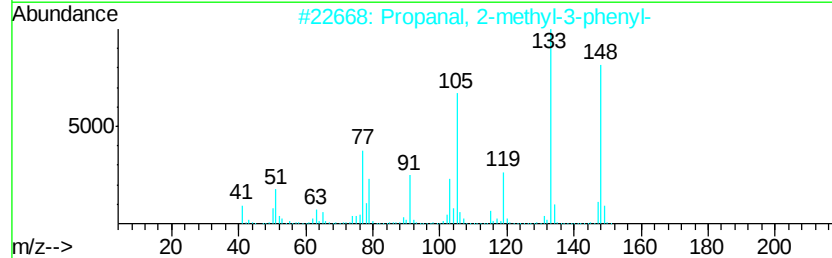
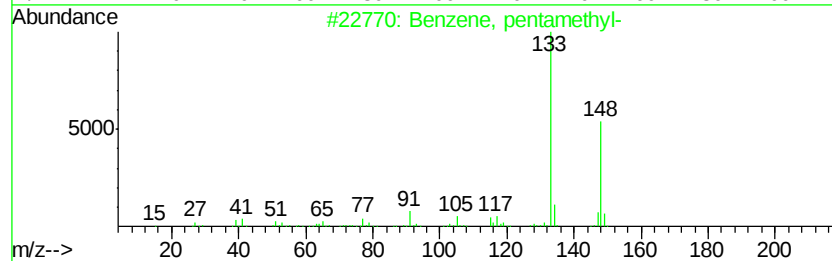
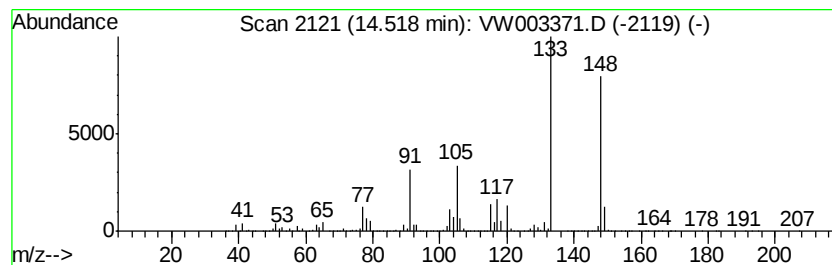
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	58.15 ug/L	78497800	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2		Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	83
3		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	78
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	74
5		3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

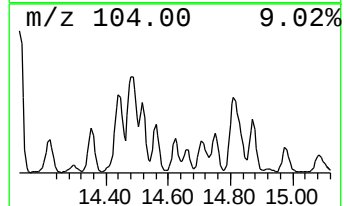
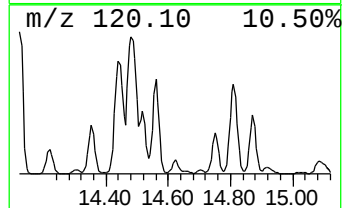
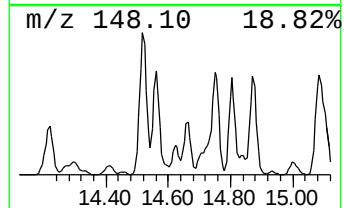
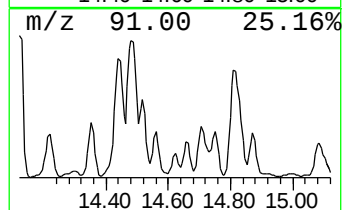
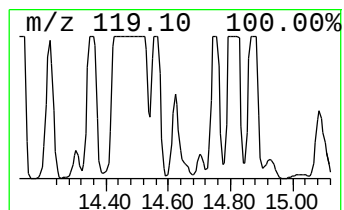
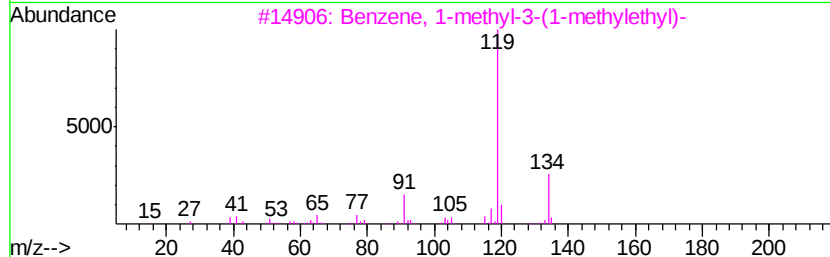
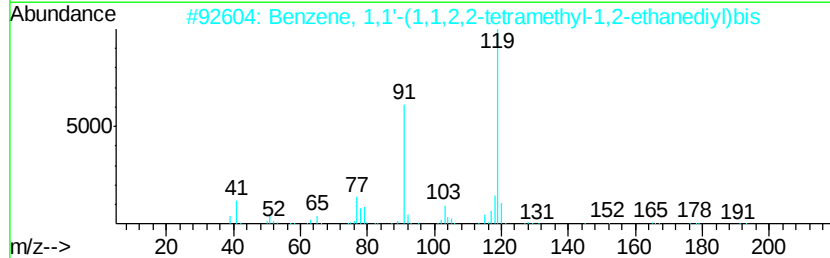
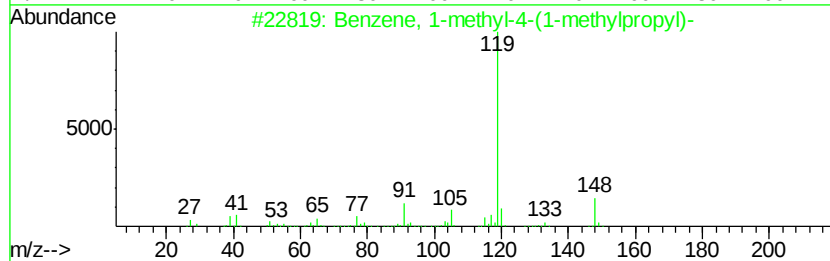
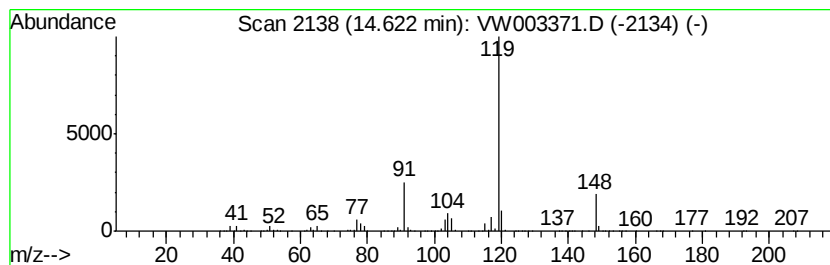
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 1-methyl-4-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	12.08 ug/L	16305800	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	80
2		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
3		Benzene, 1-methyl-3-(1-methylleth...	134	C10H14	000535-77-3	64
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

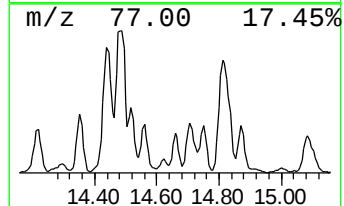
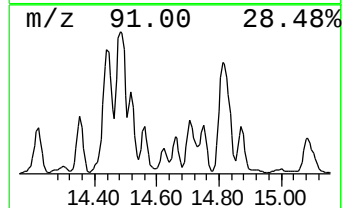
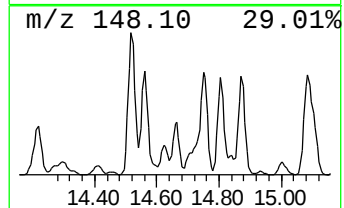
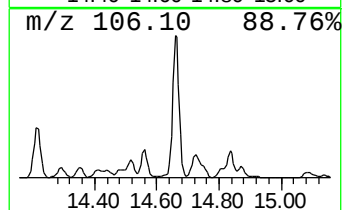
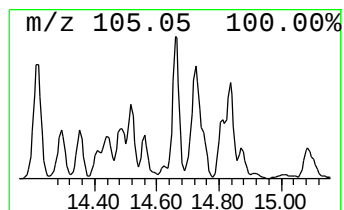
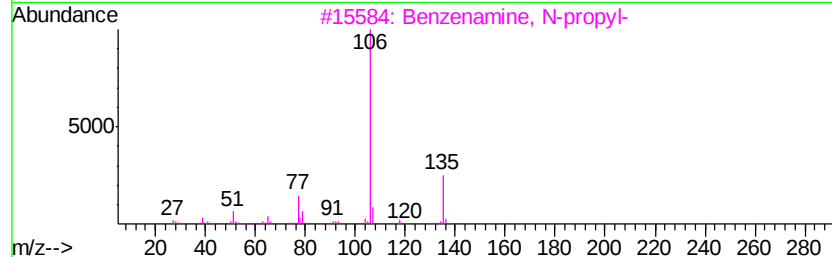
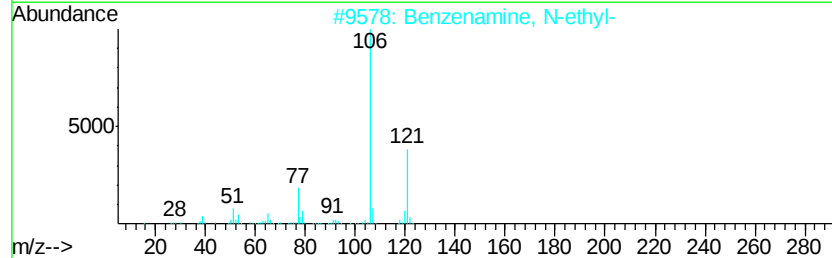
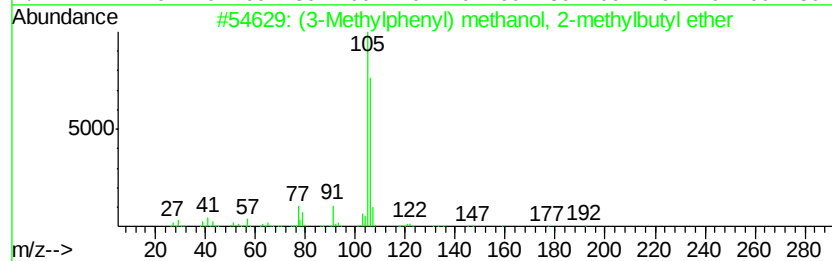
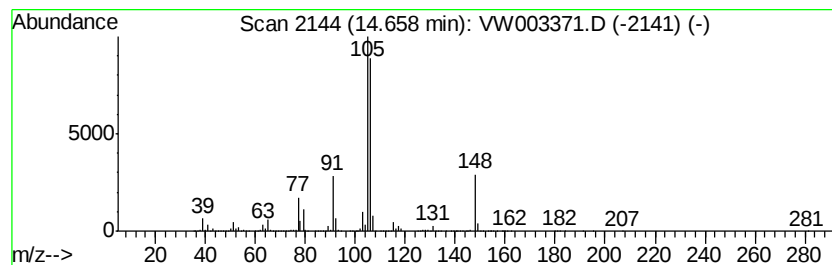
Instrument :
MSVOA_W
ClientSampleId :
DAXT1

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Quant Title : VOC Analysis

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

Peak Number 37 (3-Methylphenyl) methanol, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	23.27 ug/L	31409000	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(3-Methylphenyl) methanol, 2-met...	192 C13H20O	1000374-43-9 64
2		Benzenamine, N-ethyl-	121 C8H11N	000103-69-5 50
3		Benzenamine, N-propyl-	135 C9H13N	000622-80-0 50
4		Propanenitrile, 3-(phenylamino)-	146 C9H10N2	001075-76-9 50
5		Benzenamine, 2-ethyl-	121 C8H11N	000578-54-1 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

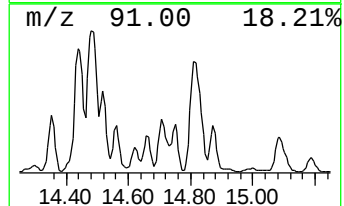
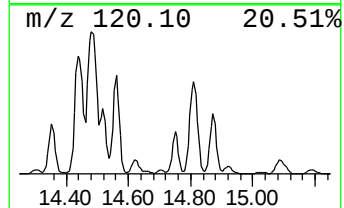
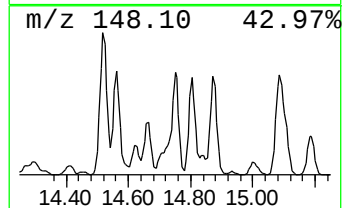
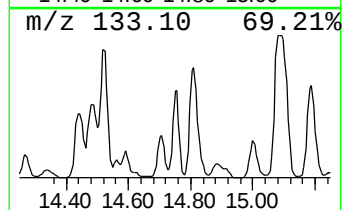
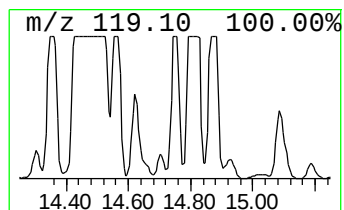
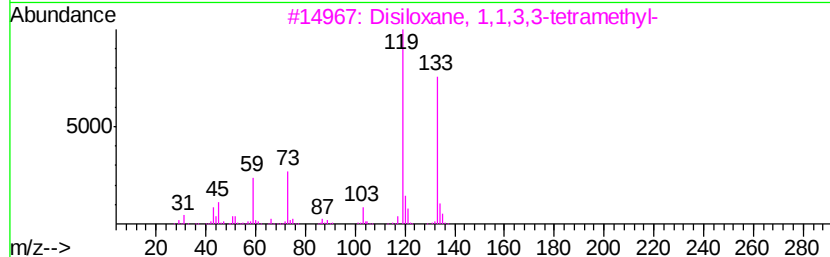
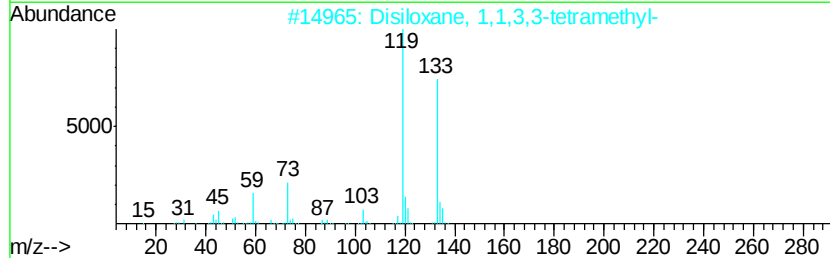
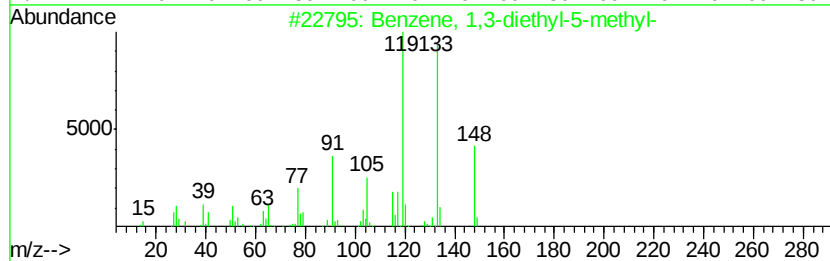
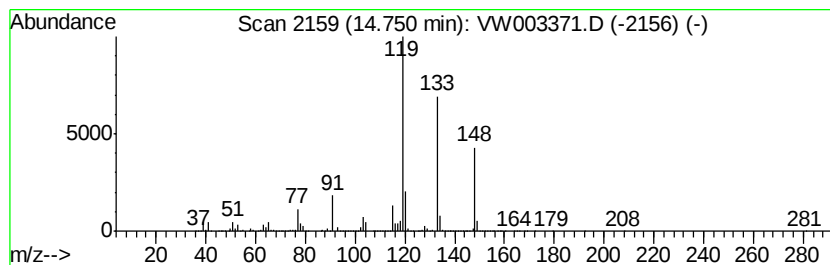
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	42.52 ug/L	57397700	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	80
2		Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	52
3		Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	50
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	47
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

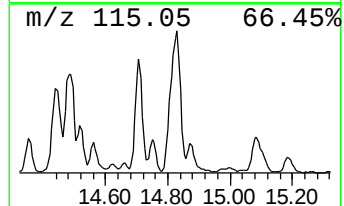
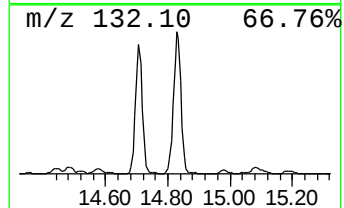
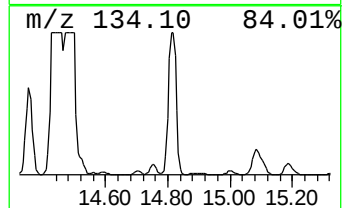
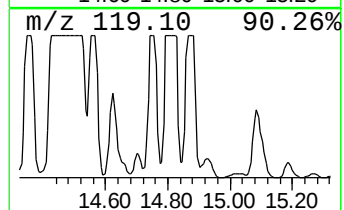
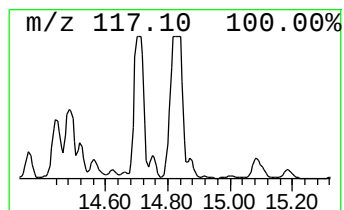
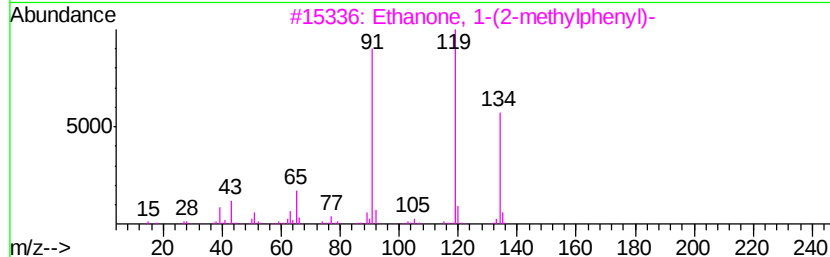
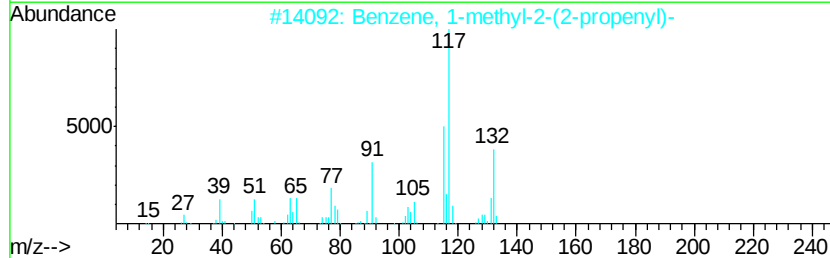
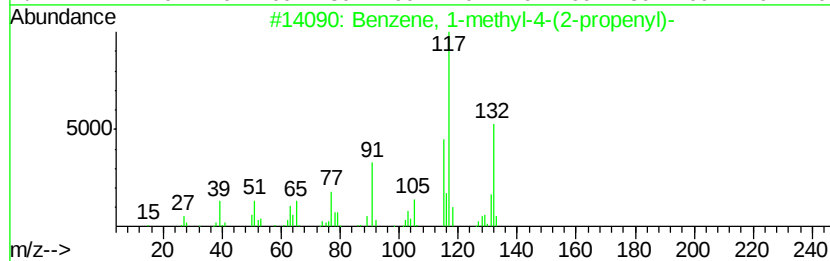
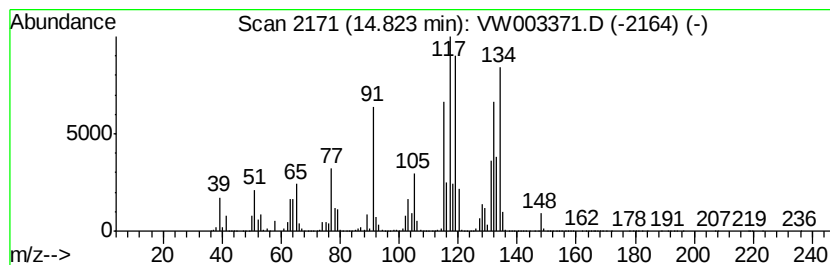
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Quant Title : VOC Analysis

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

Peak Number 40 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	177.65 ug/L	239805000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	42
3		Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	42
4		Benzene, 1-ethenyl-4-methoxy-	134	C9H10O	000637-69-4	38
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

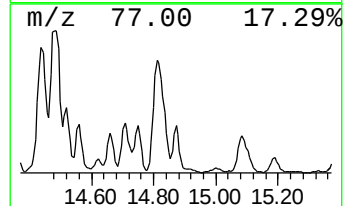
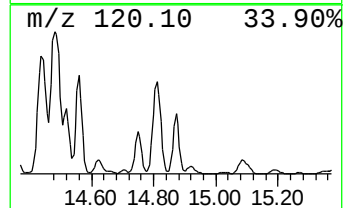
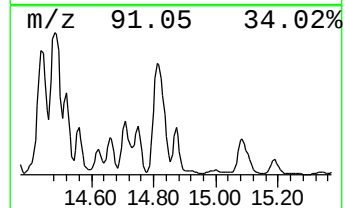
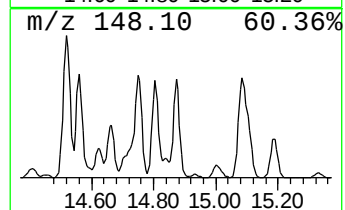
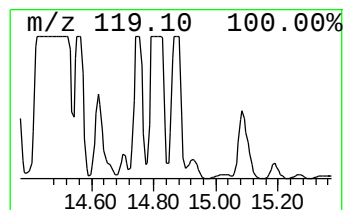
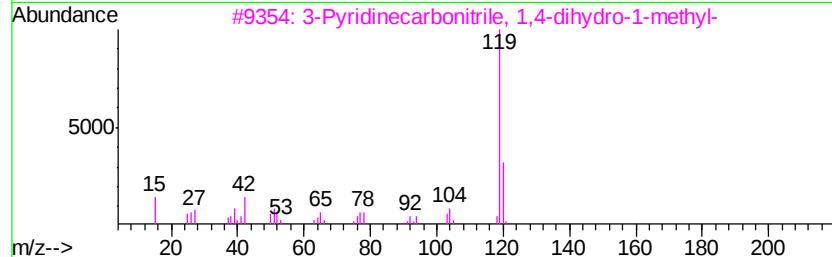
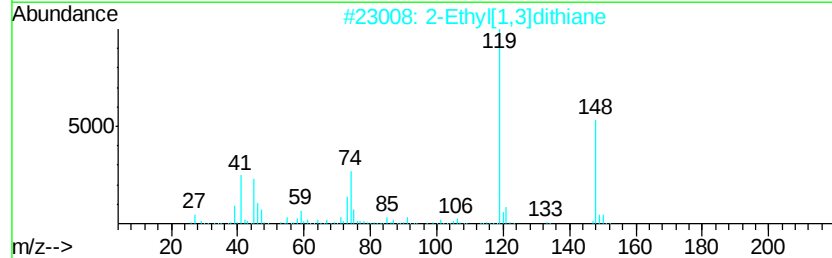
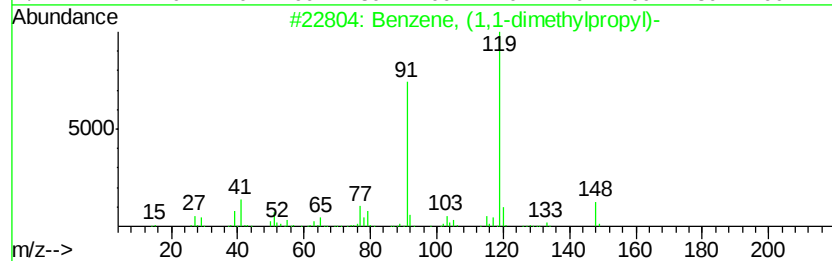
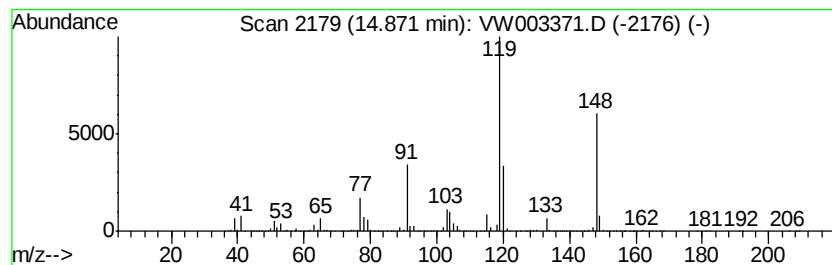
Instrument :
MSVOA_W
ClientSampleId :
DAXT1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 41 Benzene, (1,1-dimethylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	37.29 ug/L	50339800	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 64
2		2-Ethyl[1,3]dithiane	148 C6H12S2	006007-23-4 53
3		3-Pyridinecarbonitrile, 1,4-dihv...	120 C7H8N2	019424-15-8 50
4		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 47
5		Benzene, 4-(chloromethyl)-1,2-di...	154 C9H11Cl	000102-46-5 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

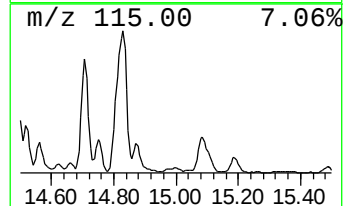
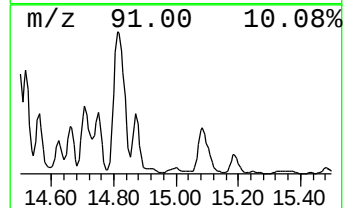
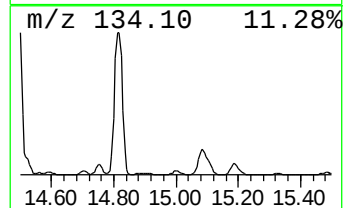
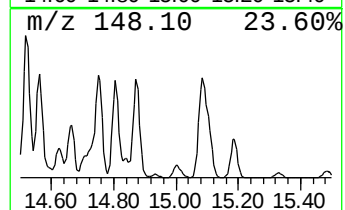
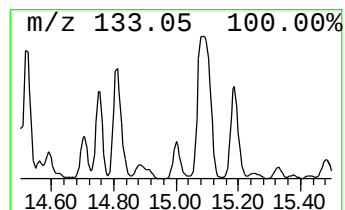
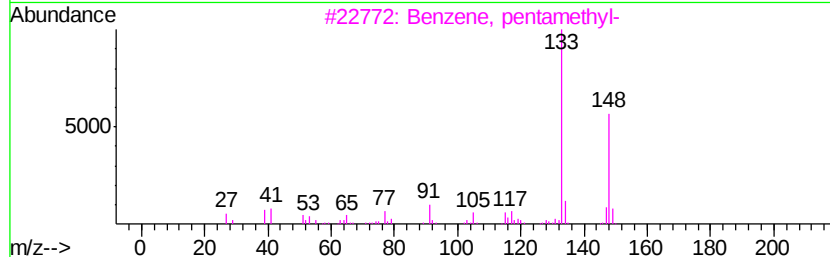
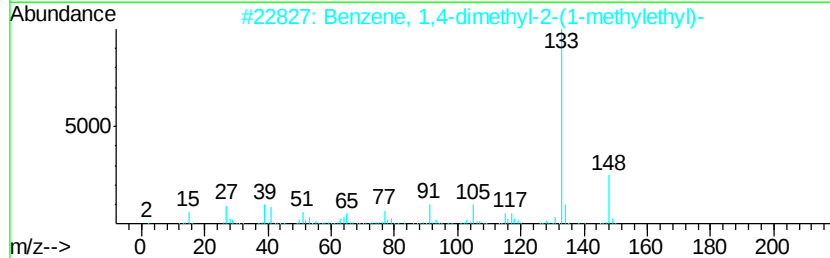
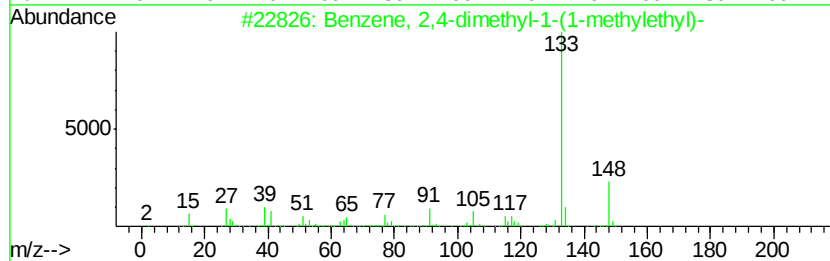
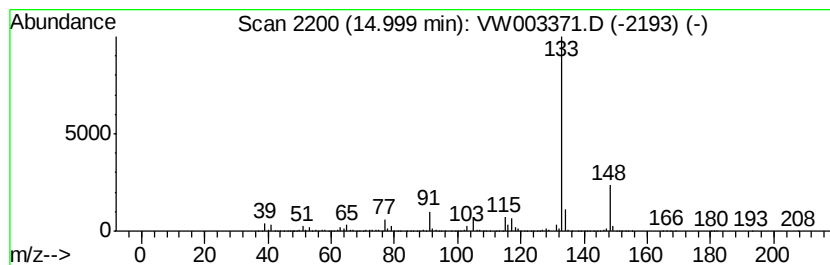
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Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	8.00 ug/L	10803000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	94
2		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	91
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

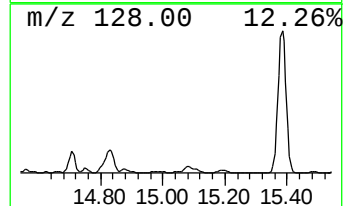
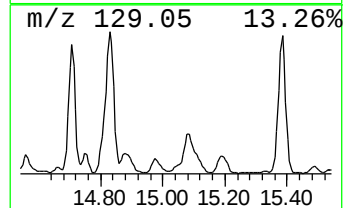
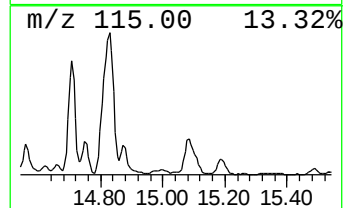
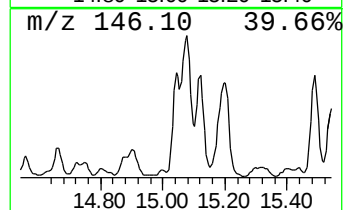
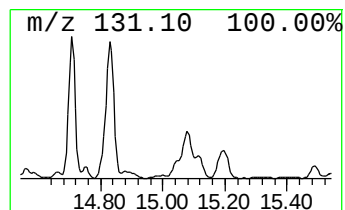
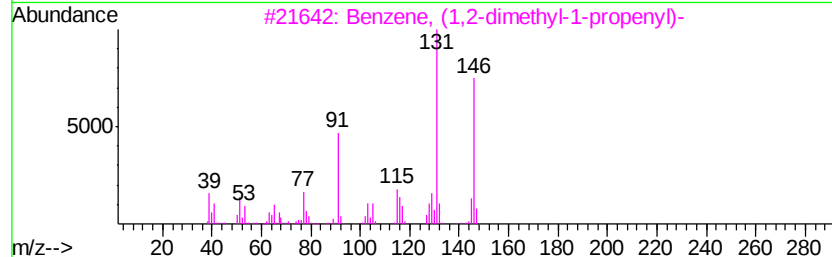
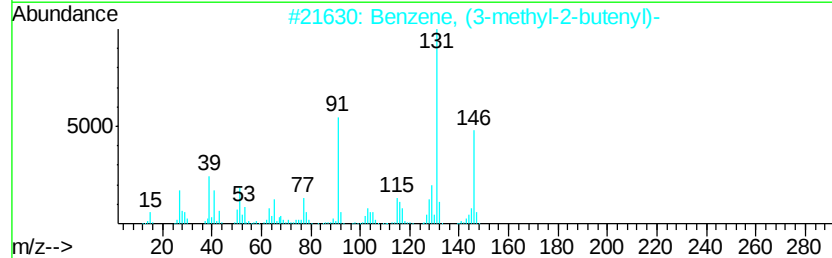
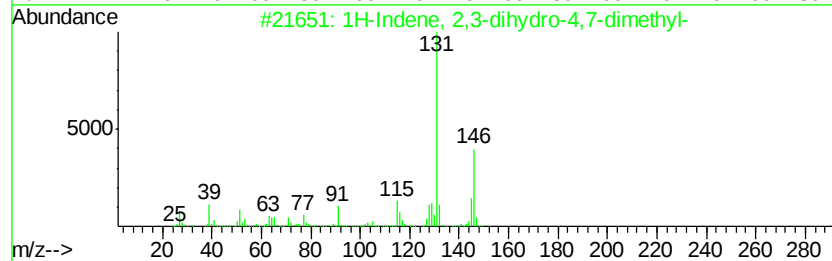
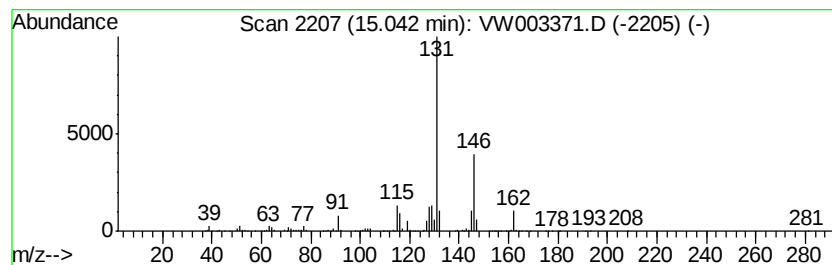
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Quant Title : VOC Analysis

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

Peak Number 43 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	1.45 ug/L	1963320	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

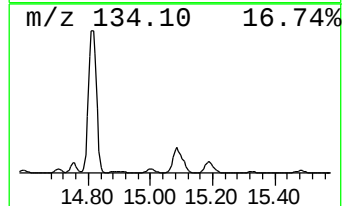
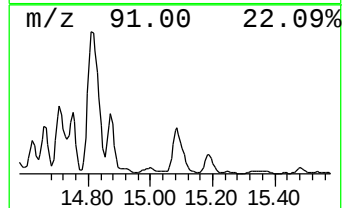
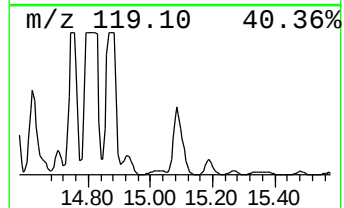
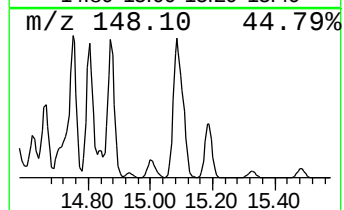
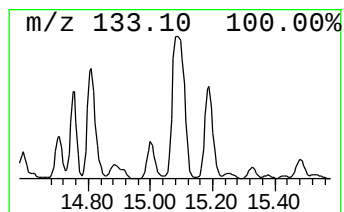
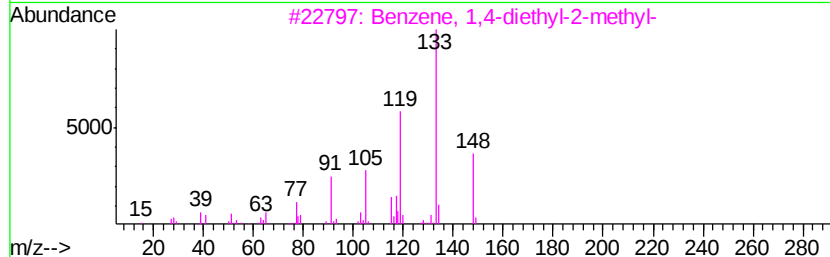
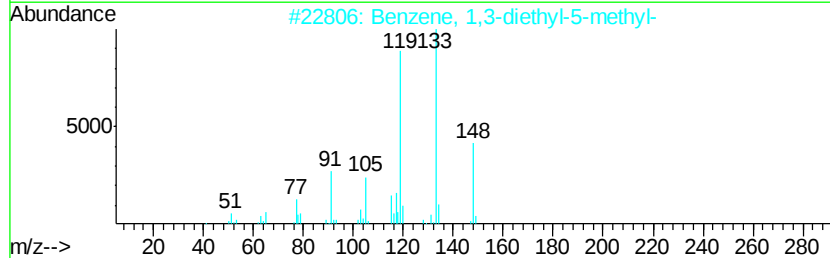
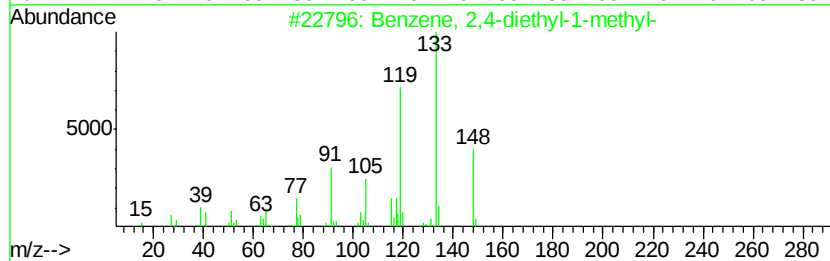
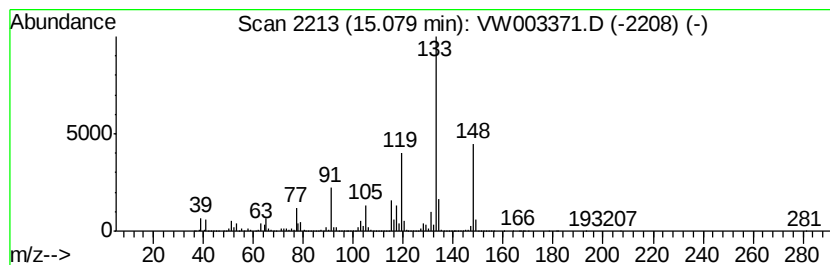
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 44 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	67.96 ug/L	91733200	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	95
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062018\
Data File : VW003371.D
Acq On : 20 Jun 2018 23:38
Operator : SY/AP
Sample : J3569-18
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAXT1

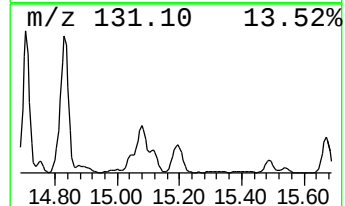
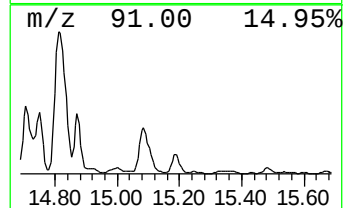
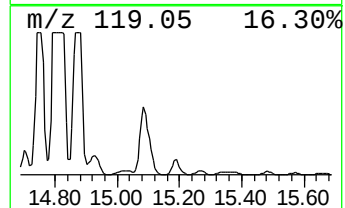
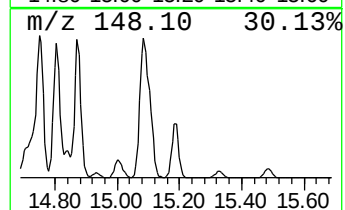
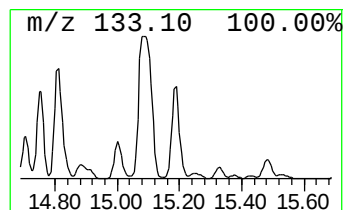
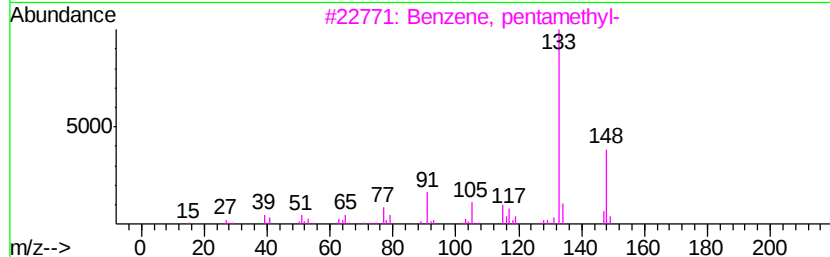
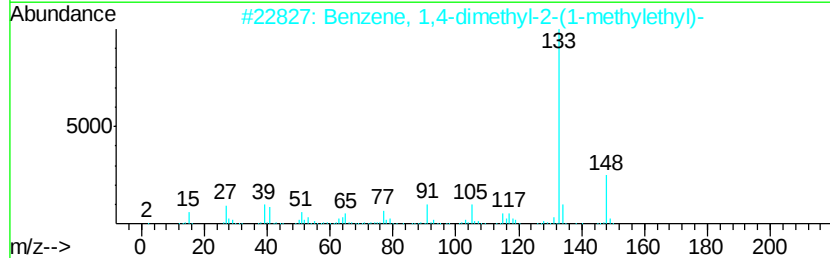
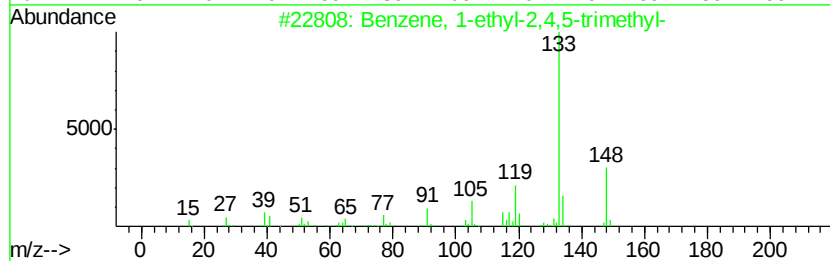
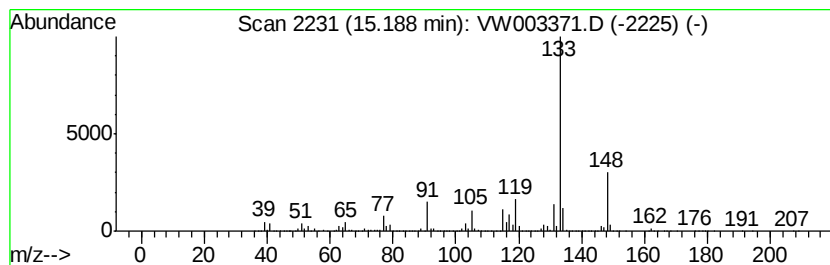
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	23.30 ug/L	31451400	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	93
2		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
5		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003371.D
 Acq On : 20 Jun 2018 23:38
 Operator : SY/AP
 Sample : J3569-18
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT1

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
(DEL) Alkane: Cyc...	1.95	1.7	ug/L	48518	1	8.85	709354	25.0
Dimethyl sulfide	4.20	11.9	ug/L	338893	1	8.85	709354	25.0
1H,1H,2H-Perfluor...	4.81	1.8	ug/L	52326	1	8.85	709354	25.0
1H,1H,2H-Perfluor...	8.03	7.1	ug/L	201353	1	8.85	709354	25.0
(DEL) Alkane: Str...	8.70	1.3	ug/L	37394	1	8.85	709354	25.0
n-Butyl ether	11.72	1.4	ug/L	68705	2	11.63	1231210	25.0
Benzene, 1,2,3-tr...	12.48	1.6	ug/L	80997	2	11.63	1231210	25.0
1H,1H,2H,2H-Perfl...	12.61	11.7	ug/L	15829400	3	13.57	33746600	25.0
Benzene, 1-ethyl-...	12.87	1.3	ug/L	1725330	3	13.57	33746600	25.0
Benzene, 1-methyl...	13.45	3.9	ug/L	5281690	3	13.57	33746600	25.0
p-Cymene	13.51	2.0	ug/L	2642930	3	13.57	33746600	25.0
Benzene, 1,3-diet...	13.73	24.4	ug/L	32905300	3	13.57	33746600	25.0
Benzene, 1-methyl...	13.77	75.3	ug/L	101694000	3	13.57	33746600	25.0
Benzene, 2-ethyl-...	13.81	150.3	ug/L	202903000	3	13.57	33746600	25.0
Benzene, 1-methyl...	13.96	36.5	ug/L	49242300	3	13.57	33746600	25.0
Ethanone, 1-(2-me...	14.03	81.9	ug/L	110538000	3	13.57	33746600	25.0
unknown-01	14.06	78.4	ug/L	105860000	3	13.57	33746600	25.0
Benzene, 2-ethyl-...	14.12	149.8	ug/L	202199000	3	13.57	33746600	25.0
1,4-Cyclohexadien...	14.22	48.5	ug/L	65398700	3	13.57	33746600	25.0
1,3,8-p-Menthatriene	14.35	47.2	ug/L	63702400	3	13.57	33746600	25.0
Benzene, 1-ethyl-...	14.44	142.6	ug/L	192490000	3	13.57	33746600	25.0
unknown-02	14.48	142.1	ug/L	191869000	3	13.57	33746600	25.0
Benzene, pentamet...	14.52	58.1	ug/L	78497800	3	13.57	33746600	25.0
Benzene, 1-methyl...	14.62	12.1	ug/L	16305800	3	13.57	33746600	25.0
(3-Methylphenyl) ...	14.66	23.3	ug/L	31409000	3	13.57	33746600	25.0
Benzene, 1,3-diet...	14.75	42.5	ug/L	57397700	3	13.57	33746600	25.0
unknown-03	14.82	177.7	ug/L	239805000	3	13.57	33746600	25.0
Benzene, (1,1-dim...	14.87	37.3	ug/L	50339800	3	13.57	33746600	25.0
Benzene, 2,4-dime...	15.00	8.0	ug/L	10803000	3	13.57	33746600	25.0
1H-Indene, 2,3-di...	15.04	1.5	ug/L	1963320	3	13.57	33746600	25.0
Benzene, 2,4-diet...	15.08	68.0	ug/L	91733200	3	13.57	33746600	25.0
Benzene, 1-ethyl-...	15.19	23.3	ug/L	31451400	3	13.57	33746600	25.0