

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008075.D
 Acq On : 07 Jan 2019 17:42
 Operator : SY/AP
 Sample : K1071-04
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(20-25)

Integration Parameters: RTEINT.P

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

Filtering: 5
 Min Area: 3 % 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\82W010219S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.208	372	378	386	rVB3	3317	8614	2.24%	0.140%
2	4.379	397	406	414	rBV2	1665	4778	1.24%	0.078%
3	4.909	485	493	504	rBB2	2543	7371	1.92%	0.120%
4	7.153	852	861	873	rBV2	4867	14666	3.82%	0.238%
5	7.884	970	981	986	rBV	50667	118716	30.91%	1.929%
6	7.945	986	991	1000	rVV	99946	223440	58.17%	3.631%
7	8.031	1000	1005	1014	rVB5	1860	4162	1.08%	0.068%
8	8.232	1031	1038	1039	rVV5	1955	3902	1.02%	0.063%
9	8.305	1043	1050	1061	rVB	47240	105057	27.35%	1.707%
10	8.439	1063	1072	1077	rBV5	4704	12604	3.28%	0.205%
11	8.512	1078	1084	1089	rVV6	4504	10007	2.61%	0.163%
12	8.573	1089	1094	1102	rVB8	4068	9833	2.56%	0.160%
13	8.695	1108	1114	1120	rBV6	3091	7150	1.86%	0.116%
14	8.841	1130	1138	1150	rBV	139541	280198	72.95%	4.554%
15	9.335	1206	1219	1225	rBV3	24829	72151	18.78%	1.173%
16	9.384	1225	1227	1233	rVB7	2742	4364	1.14%	0.071%
17	9.610	1257	1264	1269	rVV4	6465	12613	3.28%	0.205%
18	9.750	1280	1287	1295	rBV5	5803	11841	3.08%	0.192%
19	9.896	1305	1311	1316	rVB6	2496	4437	1.16%	0.072%
20	10.323	1374	1381	1391	rBV	209032	384121	100.00%	6.243%
21	10.494	1403	1409	1414	rBV	6965	12587	3.28%	0.205%
22	10.664	1433	1437	1440	rBV5	2667	3905	1.02%	0.063%
23	10.713	1441	1445	1450	rVB2	5021	7842	2.04%	0.127%
24	10.939	1478	1482	1488	rVB8	3743	6637	1.73%	0.108%
25	11.067	1493	1503	1507	rBV3	10642	24596	6.40%	0.400%
26	11.183	1514	1522	1525	rBV9	10163	24800	6.46%	0.403%
27	11.231	1526	1530	1535	rVB4	17082	33257	8.66%	0.540%
28	11.439	1559	1564	1571	rBV3	17426	31233	8.13%	0.508%
29	11.634	1590	1596	1604	rBV	179896	295575	76.95%	4.804%
30	11.762	1614	1617	1621	rBV6	4535	6277	1.63%	0.102%
31	11.817	1621	1626	1630	rVB8	6763	12872	3.35%	0.209%
32	11.878	1631	1636	1639	rBV	15479	25595	6.66%	0.416%
33	11.920	1640	1643	1648	rVV3	11725	19061	4.96%	0.310%
34	11.981	1651	1653	1657	rVB5	3561	3944	1.03%	0.064%

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Integrator: RTE
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35	12.140	1672	1679	1685	rBV3	21817	54029	14.07%	0.878%
36	12.256	1694	1698	1702	rVB2	18993	30055	7.82%	0.488%
37	12.310	1702	1707	1708	rBV3	8960	13905	3.62%	0.226%
38	12.347	1708	1713	1715	rBV5	20468	36993	9.63%	0.601%
39	12.469	1728	1733	1735	rBV5	9253	18926	4.93%	0.308%
40	12.505	1737	1739	1746	rVB8	14014	20661	5.38%	0.336%
41	12.621	1752	1758	1764	rBV2	150076	243914	63.50%	3.964%
42	12.701	1764	1771	1774	rBV5	16014	36180	9.42%	0.588%
43	12.786	1781	1785	1792	rVB3	40074	86885	22.62%	1.412%
44	12.865	1792	1798	1801	rBV5	17227	37813	9.84%	0.615%
45	12.944	1803	1811	1816	rVV6	55802	164486	42.82%	2.673%
46	12.993	1817	1819	1824	rVB3	29926	44939	11.70%	0.730%
47	13.085	1830	1834	1837	rVB4	16911	23376	6.09%	0.380%
48	13.127	1837	1841	1845	rBV4	8537	12381	3.22%	0.201%
49	13.182	1845	1850	1860	rVB7	16962	52056	13.55%	0.846%
50	13.268	1860	1864	1865	rBV4	11884	14175	3.69%	0.230%
51	13.298	1866	1869	1873	rBV4	13734	20169	5.25%	0.328%
52	13.353	1873	1878	1880	rVV6	24686	44358	11.55%	0.721%
53	13.383	1880	1883	1888	rVB4	31177	49510	12.89%	0.805%
54	13.457	1888	1895	1899	rBV2	50037	84392	21.97%	1.372%
55	13.560	1906	1912	1921	rBV	161861	272257	70.88%	4.425%
56	13.719	1930	1938	1942	rBV6	27038	72661	18.92%	1.181%
57	13.828	1949	1956	1959	rBV3	18014	43111	11.22%	0.701%
58	13.883	1960	1965	1969	rBV4	96494	171310	44.60%	2.784%
59	13.926	1969	1972	1976	rVB4	23986	31982	8.33%	0.520%
60	13.987	1978	1982	1985	rBV6	25984	40618	10.57%	0.660%
61	14.103	1991	2001	2009	rVB4	79090	184590	48.06%	3.000%
62	14.206	2013	2018	2024	rVB5	39552	77740	20.24%	1.263%
63	14.273	2024	2029	2034	rBV5	28984	52779	13.74%	0.858%
64	14.328	2034	2038	2042	rBV5	21208	34336	8.94%	0.558%
65	14.395	2042	2049	2052	rBV4	111558	204851	53.33%	3.329%
66	14.505	2063	2067	2070	rBV2	24854	38710	10.08%	0.629%
67	14.554	2070	2075	2081	rVV5	59382	115938	30.18%	1.884%
68	14.615	2081	2085	2091	rVV4	21954	54445	14.17%	0.885%
69	14.743	2102	2106	2110	rBV4	28028	42191	10.98%	0.686%
70	14.798	2110	2115	2122	rVV3	142163	286019	74.46%	4.648%
71	14.865	2122	2126	2132	rVB4	64319	111422	29.01%	1.811%

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72	15.072	2156	2160	2164	rVB3	52289	85218	22.19%	1.385%
73	15.127	2164	2169	2173	rBV4	23414	56016	14.58%	0.910%
74	15.182	2173	2178	2185	rBV3	50327	107820	28.07%	1.752%
75	15.334	2199	2203	2210	rVB2	116194	197814	51.50%	3.215%
76	15.426	2211	2218	2224	rBV3	68340	188814	49.15%	3.069%
77	15.511	2229	2232	2239	rVB7	53314	116511	30.33%	1.893%
78	15.639	2250	2253	2254	rBV2	15109	16881	4.39%	0.274%
79	15.743	2266	2270	2277	rBV7	31710	59653	15.53%	0.969%
80	15.877	2287	2292	2297	rVB	78508	132582	34.52%	2.155%
81	16.188	2336	2343	2354	rVB6	65988	166926	43.46%	2.713%
82	16.297	2357	2361	2368	rVB3	56084	100527	26.17%	1.634%
83	16.383	2369	2375	2382	rVB2	60640	129031	33.59%	2.097%
84	16.456	2383	2387	2391	rBV4	15107	29369	7.65%	0.477%
85	16.645	2413	2418	2420	rBV6	16911	33686	8.77%	0.547%

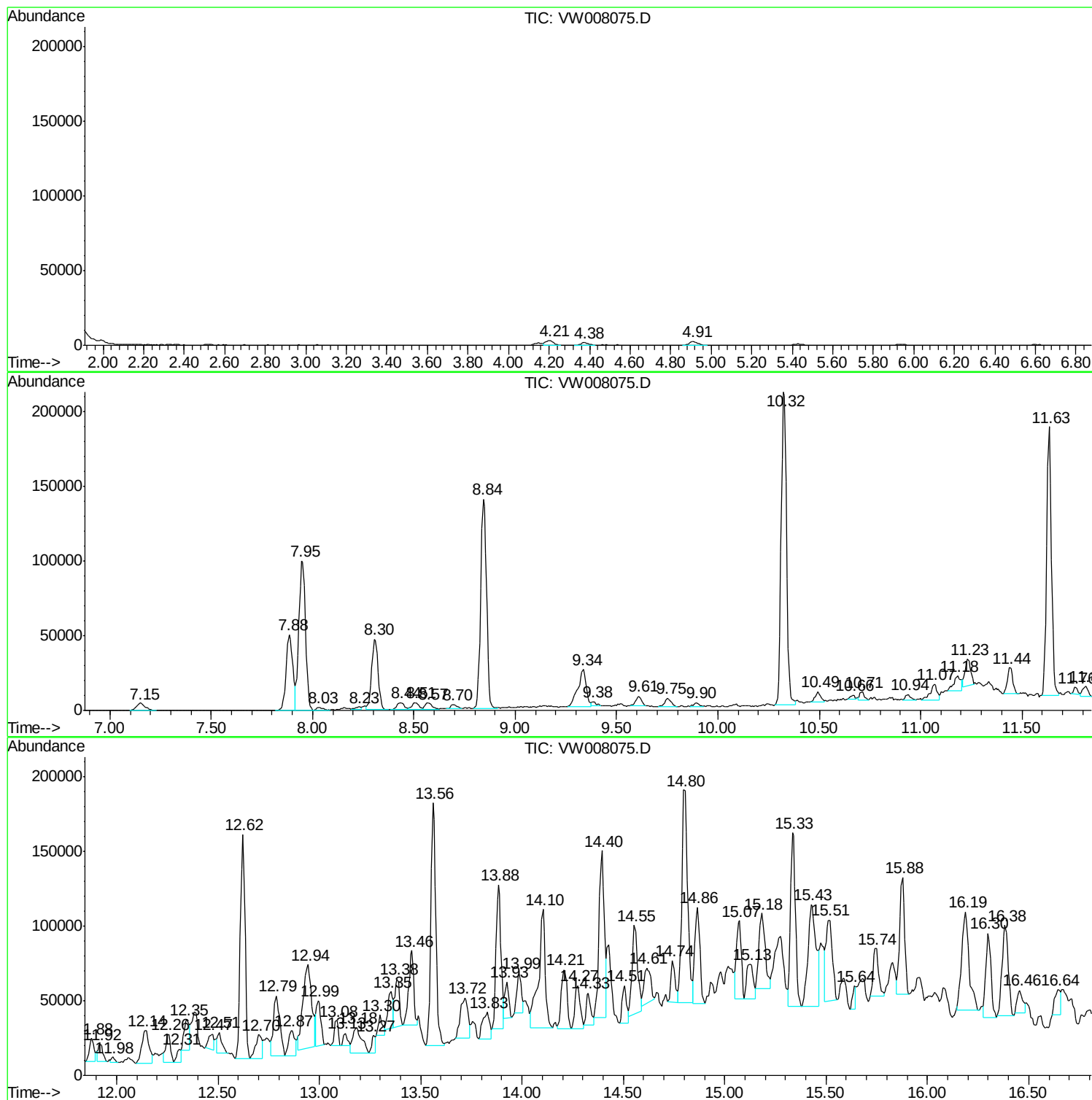
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ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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



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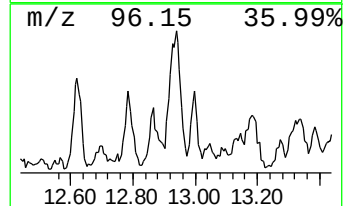
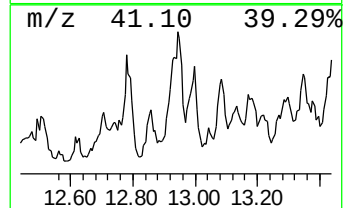
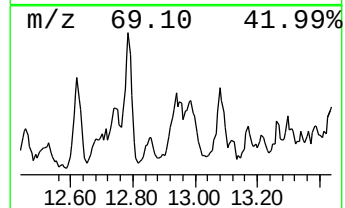
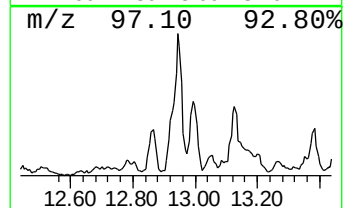
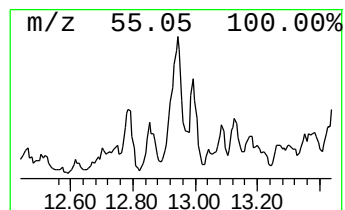
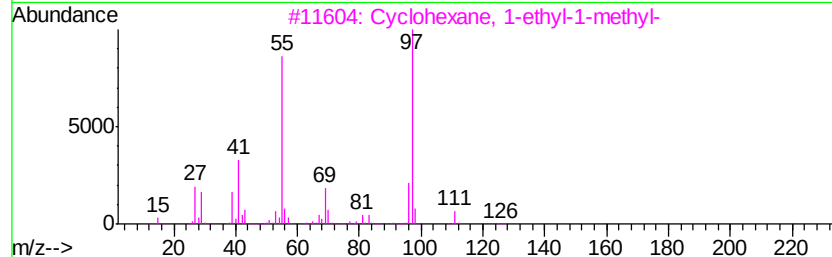
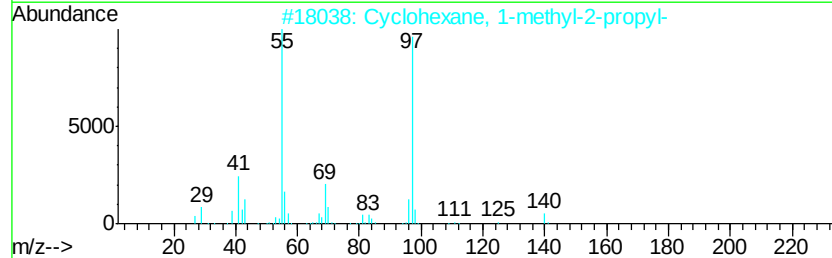
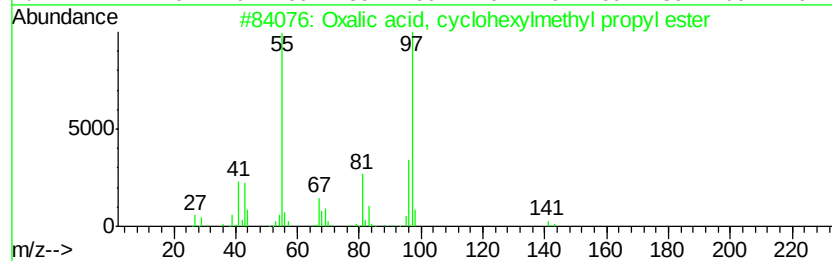
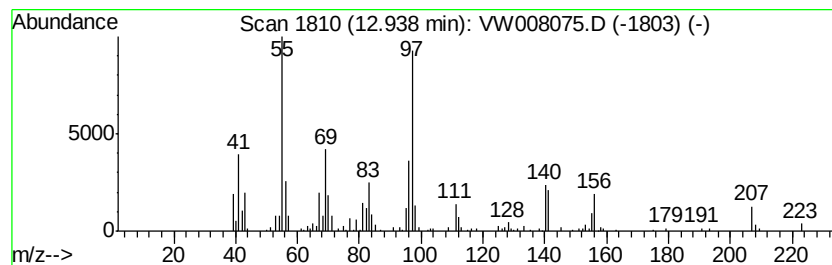
Instrument :
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ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 1 Oxalic acid, cyclohexylmeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.94	30.21 ug/l	164486	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cvclohexvlmethvl pr...	228	C12H20O4	1000309-68-1	59	
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59	
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59	
4	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	59	
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	59	



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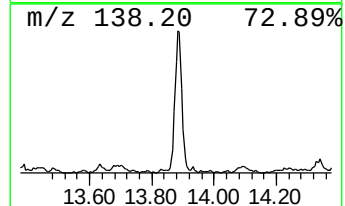
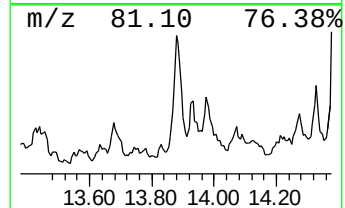
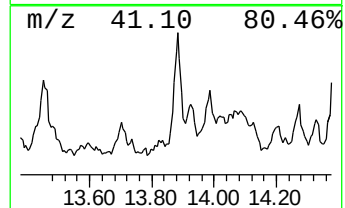
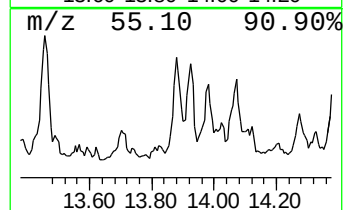
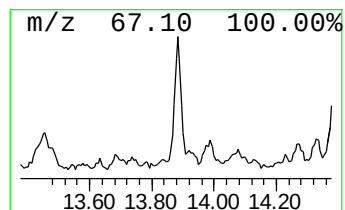
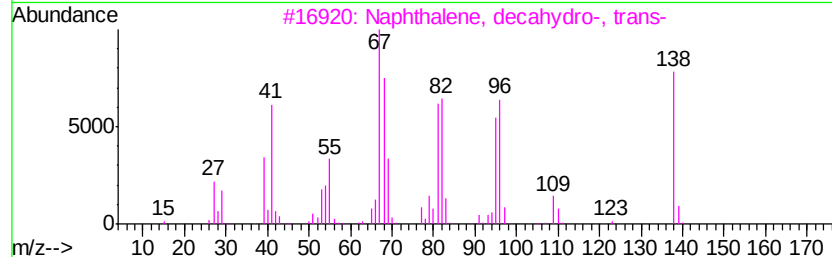
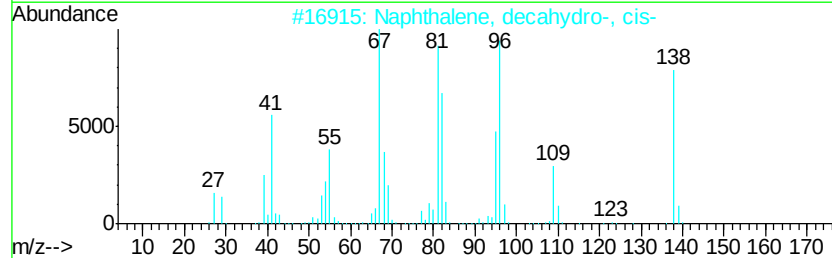
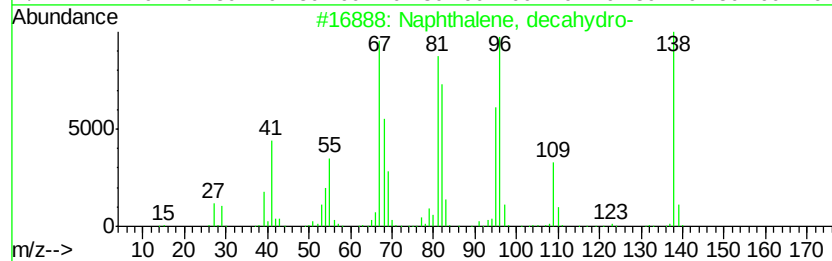
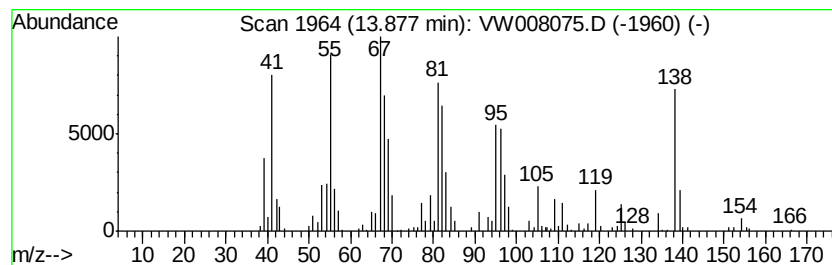
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	31.46 ug/l	171310	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-	138 C10H18	000091-17-8 91
2		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 76
3		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 68
4		Spiro[4.4]nonan-2-one	138 C9H14O	034177-18-9 68
5		Spiro[4.5]decane	138 C10H18	000176-63-6 68



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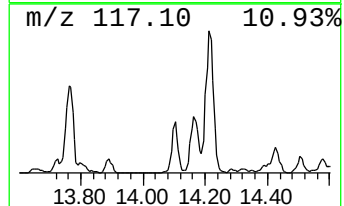
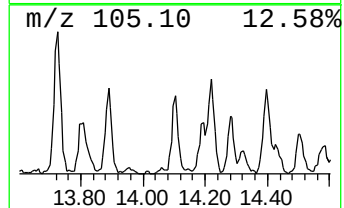
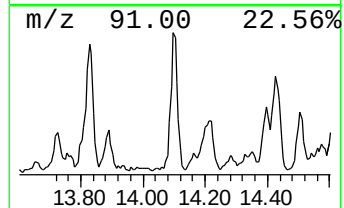
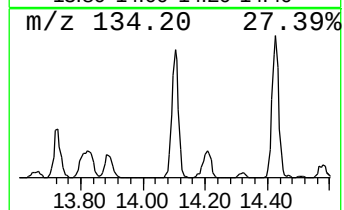
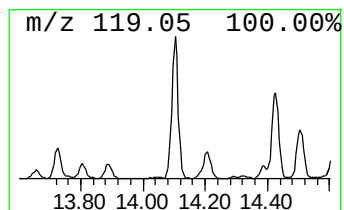
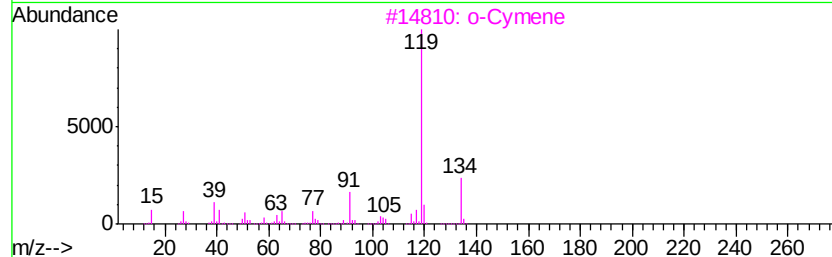
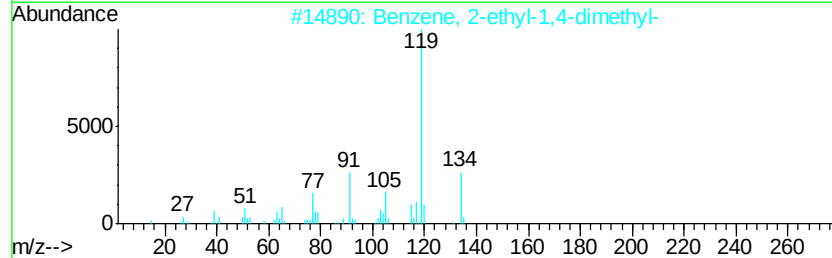
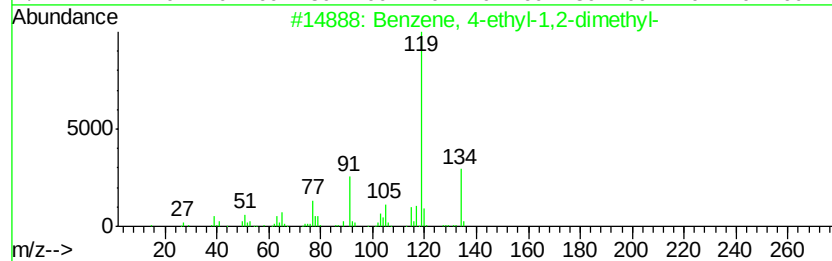
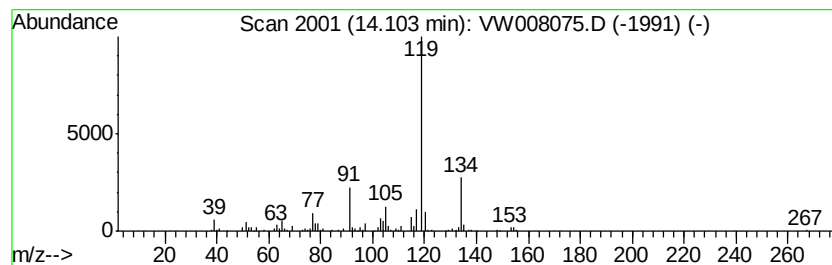
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	33.90 ug/l	184590	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		o-Cymene	134	C10H14	000527-84-4	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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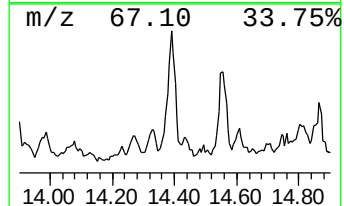
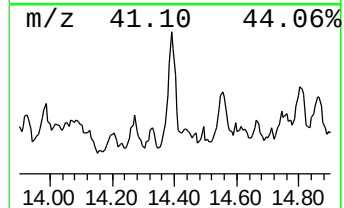
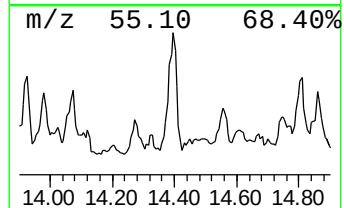
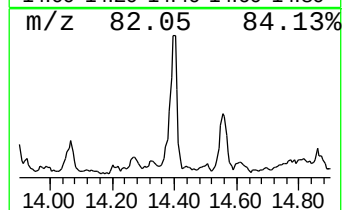
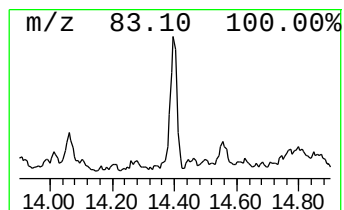
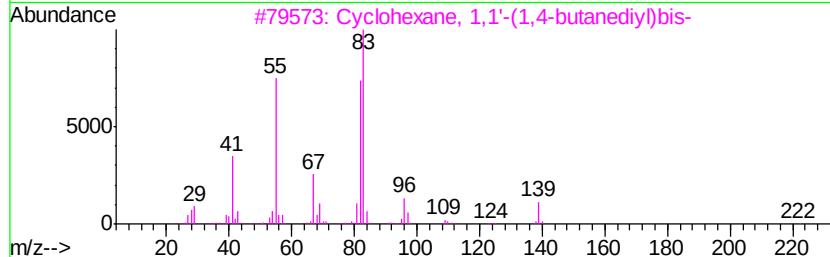
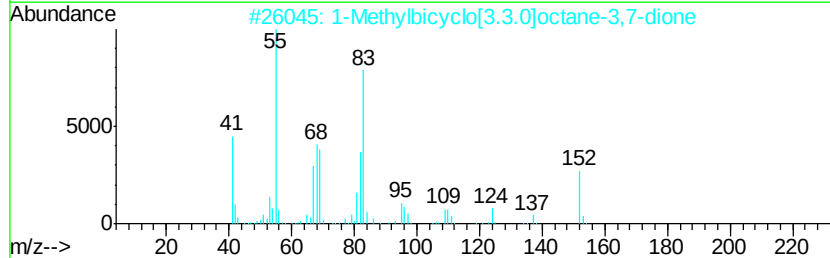
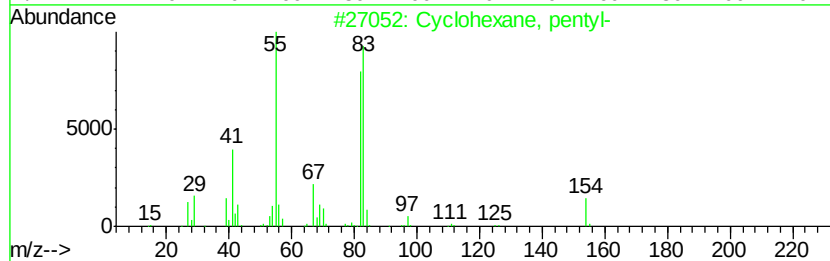
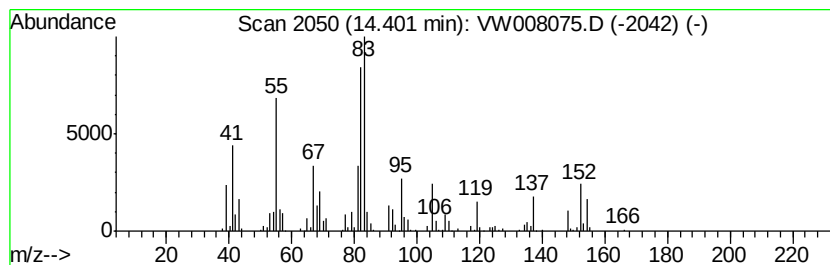
Instrument :
MSVOA_W
ClientSampled :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	37.62 ug/l	204851	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 60
2		1-Methylbicyclo[3.3.0]octane-3,7...	152 C9H12O2	021170-08-1 52
3		Cyclohexane, 1,1'-(1,4-butanedi...	222 C16H30	006165-44-2 47
4		Cyclohexane, octyl-	196 C14H28	001795-15-9 47
5		Cyclohexane, butyl-	140 C10H20	001678-93-9 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008075.D
Acq On : 07 Jan 2019 17:42
Operator : SY/AP
Sample : K1071-04
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(20-25)

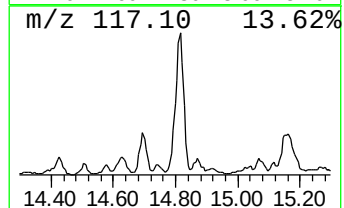
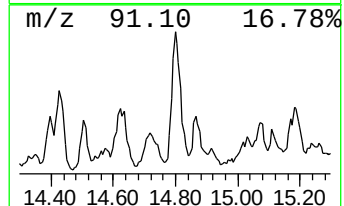
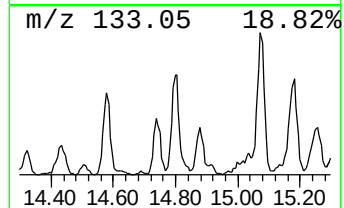
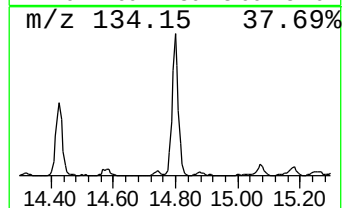
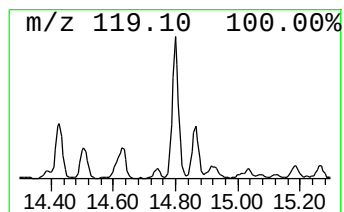
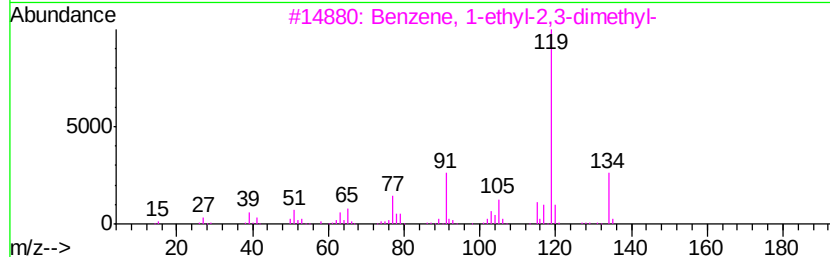
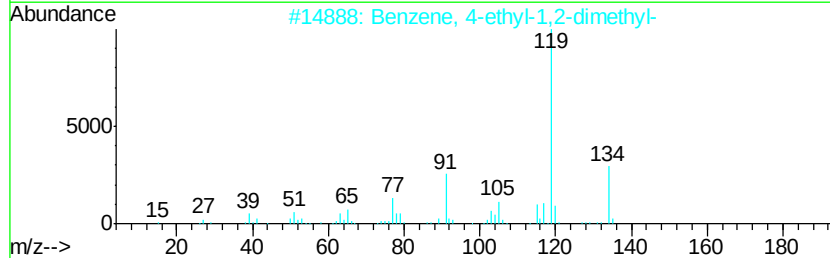
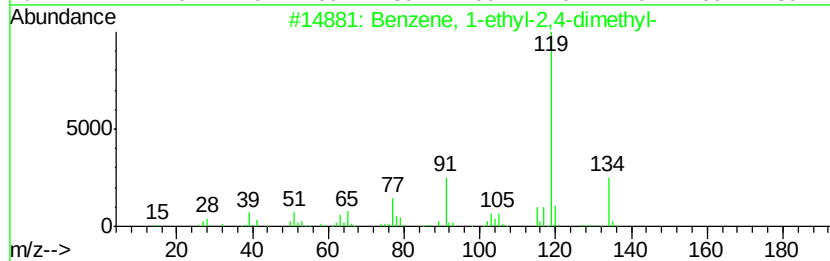
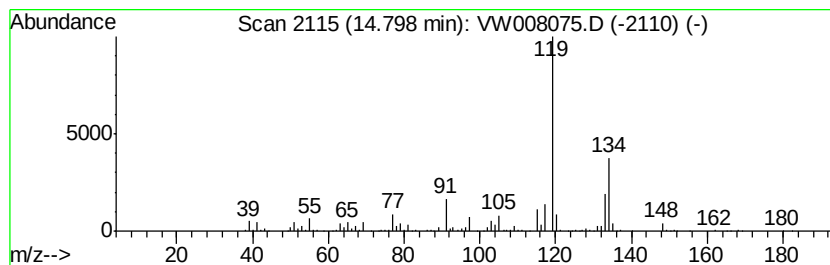
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	52.53 ug/l	286019	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008075.D
Acq On : 07 Jan 2019 17:42
Operator : SY/AP
Sample : K1071-04
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(20-25)

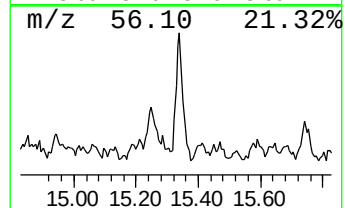
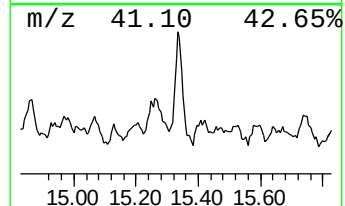
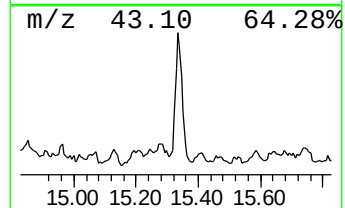
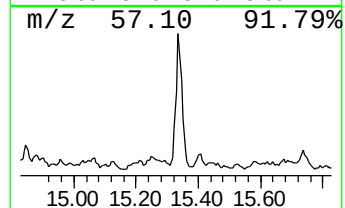
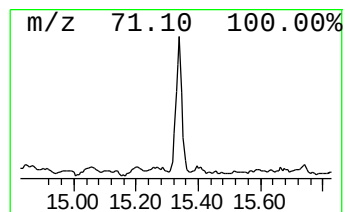
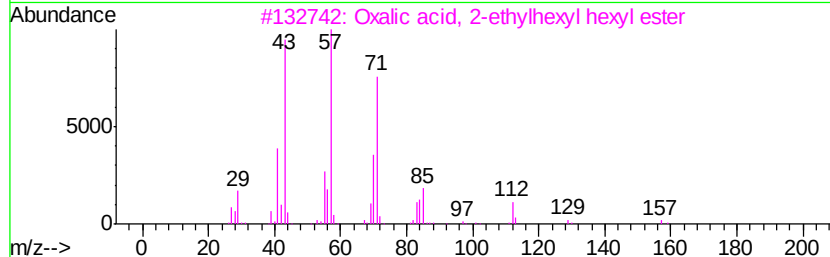
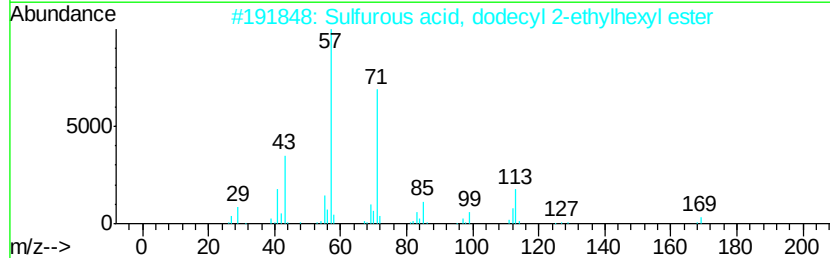
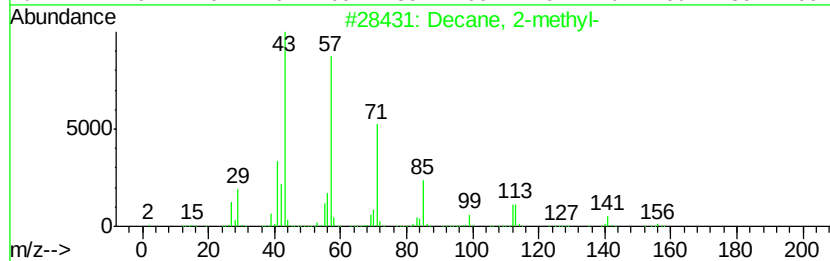
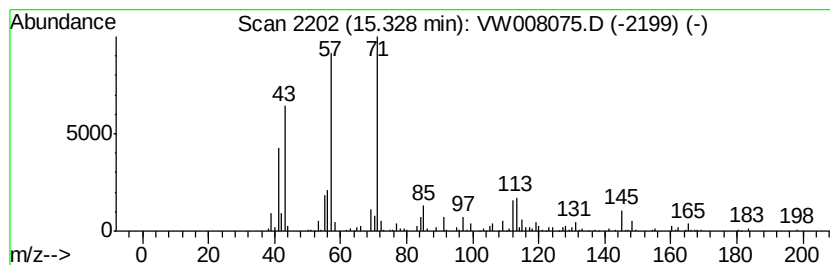
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	36.33 ug/l	197814	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
3		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008075.D
Acq On : 07 Jan 2019 17:42
Operator : SY/AP
Sample : K1071-04
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

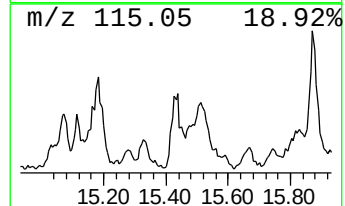
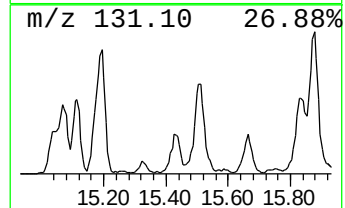
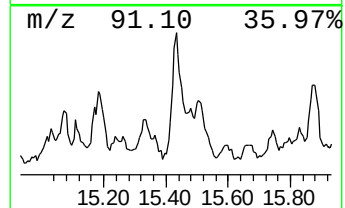
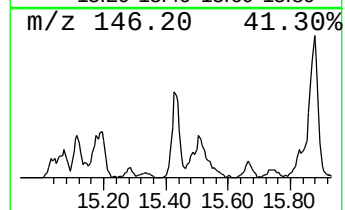
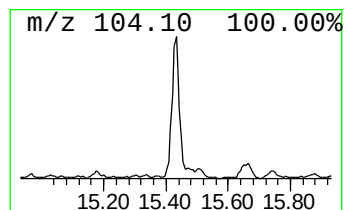
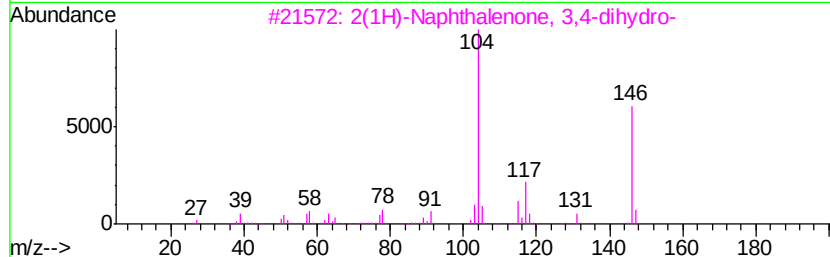
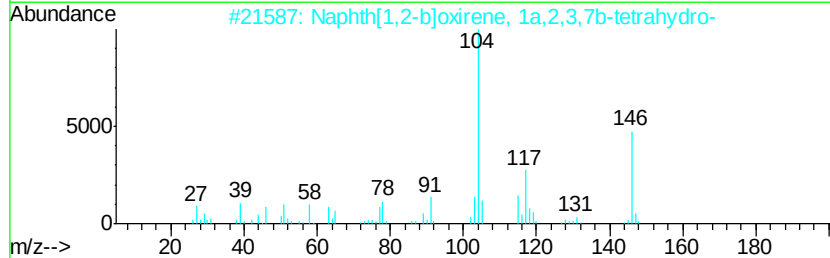
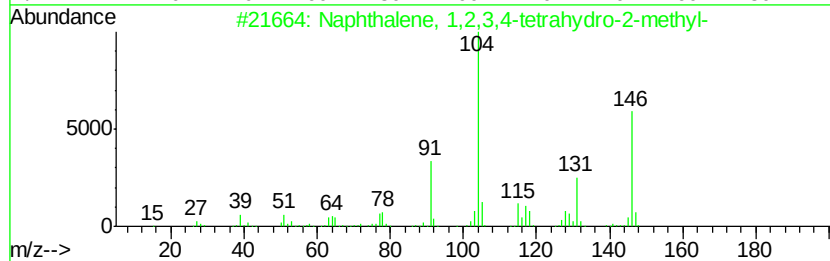
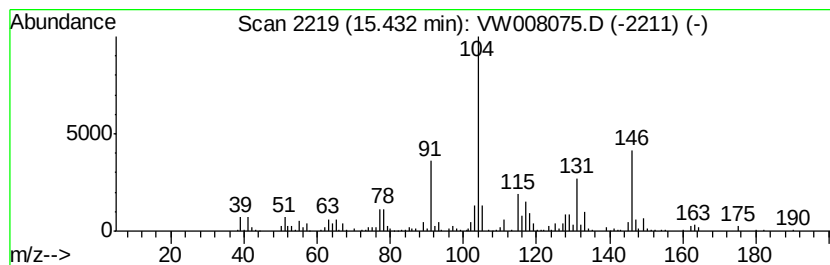
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.43	34.68 ug/l	188814	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	92
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
4		2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	38
5		Formamide, N-(2-phenylethyl)-	149	C9H11NO	023069-99-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008075.D
Acq On : 07 Jan 2019 17:42
Operator : SY/AP
Sample : K1071-04
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

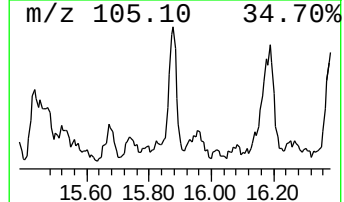
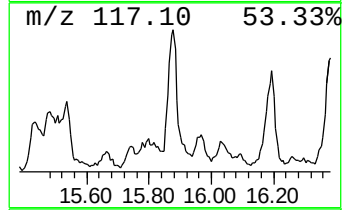
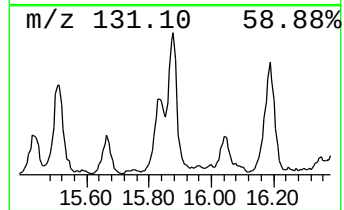
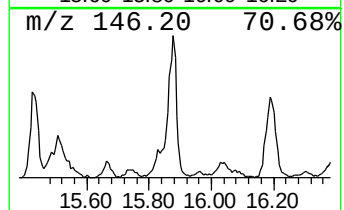
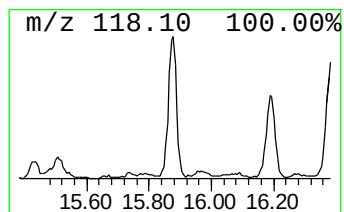
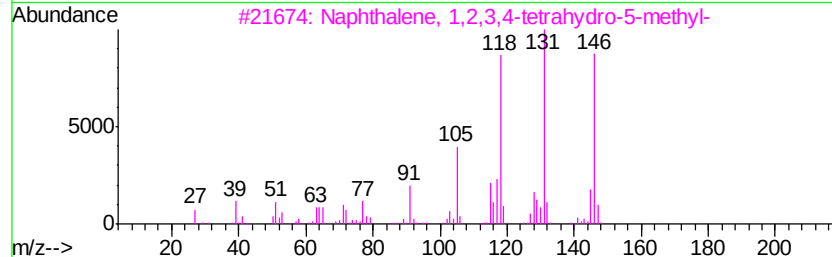
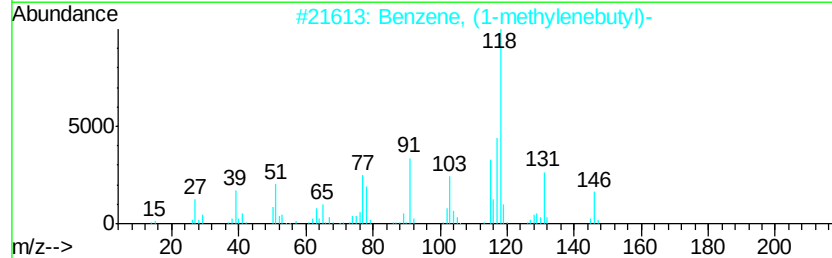
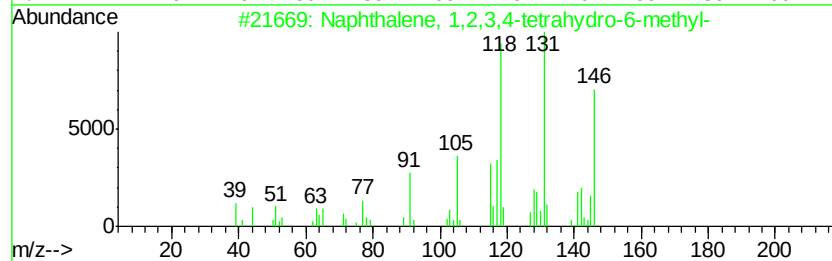
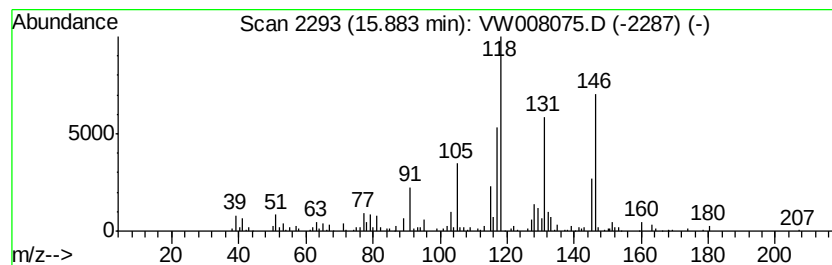
Instrument :
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ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	24.35 ug/l	132582	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 86
2		Benzene, (1-methylenebutyl)-	146 C11H14	005676-32-4 83
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 81
4		Benzene, (1-ethyl-2-propenyl)-	146 C11H14	019947-22-9 80
5		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
Data File : VW008075.D
Acq On : 07 Jan 2019 17:42
Operator : SY/AP
Sample : K1071-04
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

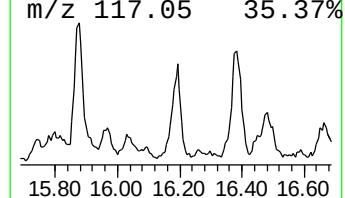
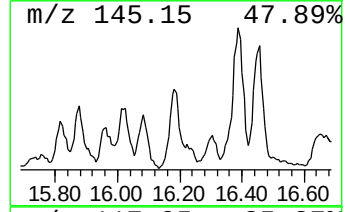
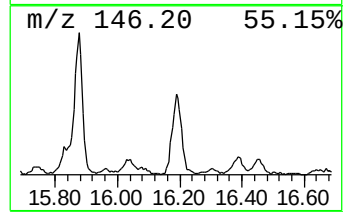
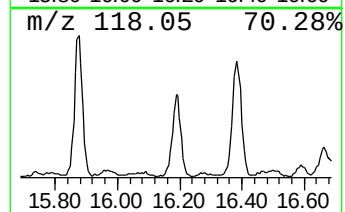
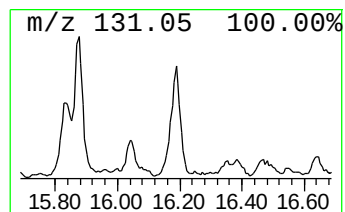
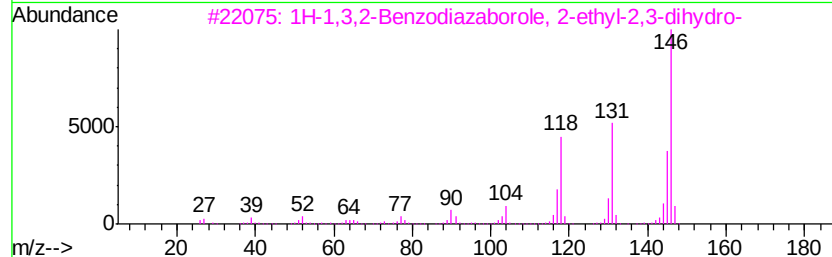
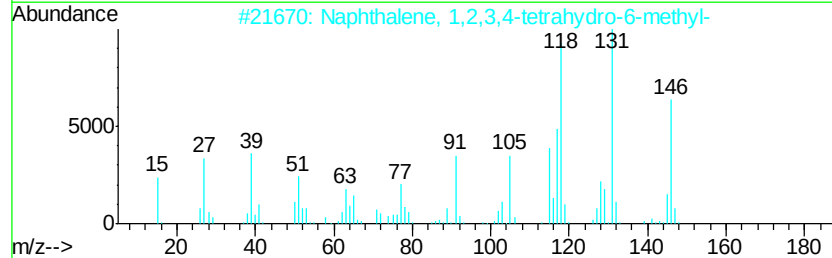
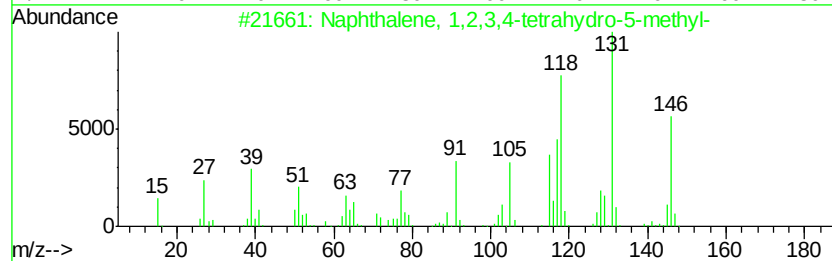
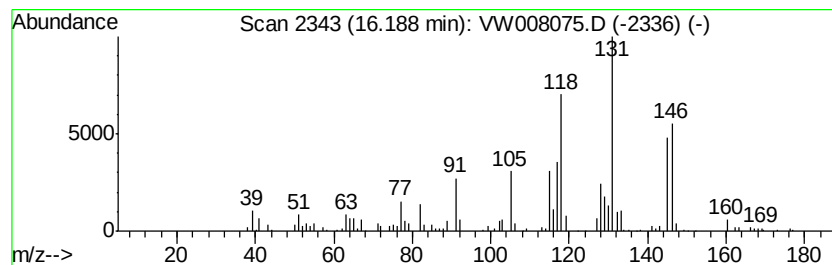
Instrument :
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ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	30.66 ug/l	166926	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 89
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 78
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 68
4		1H-Benzimidazole, 5,6-dimethyl-	146 C9H10N2	000582-60-5 64
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010719\
Data File : VW008075.D
Acq On : 07 Jan 2019 17:42
Operator : SY/AP
Sample : K1071-04
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(20-25)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxalic acid, cycl...	12.94	30.2	ug/l	164486	4	13.56	272257	50.0
Naphthalene, deca...	13.88	31.5	ug/l	171310	4	13.56	272257	50.0
Benzene, 4-ethyl-...	14.10	33.9	ug/l	184590	4	13.56	272257	50.0
Cyclohexane, pentyl-	14.40	37.6	ug/l	204851	4	13.56	272257	50.0
Benzene, 1-ethyl-...	14.80	52.5	ug/l	286019	4	13.56	272257	50.0
Decane, 2-methyl-	15.33	36.3	ug/l	197814	4	13.56	272257	50.0
Naphthalene, 1,2,...	15.43	34.7	ug/l	188814	4	13.56	272257	50.0
Naphthalene, 1,2,...	15.88	24.4	ug/l	132582	4	13.56	272257	50.0
Naphthalene, 1,2,...	16.19	30.7	ug/l	166926	4	13.56	272257	50.0