

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005664.D
 Acq On : 26 Sep 2018 20:16
 Operator : VA/AP
 Sample : J4773-17
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-092518-D

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\82W092118S.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	2.166	38	43	47	rBV2	2111	4798	7.83%	0.731%
2	2.325	67	69	71	rBV4	902	798	1.30%	0.122%
3	3.178	207	209	214	rVB2	768	844	1.38%	0.129%
4	3.690	289	293	299	rVB3	546	837	1.37%	0.128%
5	4.111	359	362	364	rBV2	538	665	1.09%	0.101%
6	4.135	364	366	368	rVV2	692	938	1.53%	0.143%
7	4.154	368	369	374	rVB3	594	720	1.18%	0.110%
8	4.910	487	493	494	rBV4	587	849	1.39%	0.129%
9	7.891	972	982	987	rBV2	10358	25260	41.24%	3.850%
10	7.952	987	992	1001	rVB2	21177	44384	72.46%	6.765%
11	8.311	1041	1051	1061	rVB	11226	26100	42.61%	3.978%
12	8.848	1130	1139	1149	rBV	27094	51667	84.35%	7.875%
13	9.037	1166	1170	1176	rBV4	1228	2678	4.37%	0.408%
14	10.329	1372	1382	1388	rBV	33840	61256	100.00%	9.337%
15	10.390	1388	1392	1399	rVB2	4378	7609	12.42%	1.160%
16	11.128	1509	1513	1514	rBV3	654	663	1.08%	0.101%
17	11.512	1572	1576	1578	rBV3	408	707	1.15%	0.108%
18	11.634	1589	1596	1603	rBV	31839	51334	83.80%	7.824%
19	11.829	1624	1628	1629	rBV	605	660	1.08%	0.101%
20	11.884	1632	1637	1640	rVV3	1091	1732	2.83%	0.264%
21	12.122	1674	1676	1677	rBV	938	744	1.21%	0.113%
22	12.140	1677	1679	1681	rVV2	1111	1152	1.88%	0.176%
23	12.225	1690	1693	1696	rBV4	657	1031	1.68%	0.157%
24	12.256	1696	1698	1702	rVB3	2617	3078	5.02%	0.469%
25	12.347	1705	1713	1714	rBV4	2393	4097	6.69%	0.624%
26	12.366	1714	1716	1721	rVV5	2775	4101	6.69%	0.625%
27	12.463	1728	1732	1734	rBV5	1234	1654	2.70%	0.252%
28	12.506	1734	1739	1740	rVV5	1278	2050	3.35%	0.312%
29	12.622	1753	1758	1765	rBV2	19141	32942	53.78%	5.021%
30	12.707	1765	1772	1776	rBV8	1984	4436	7.24%	0.676%
31	12.786	1781	1785	1792	rVB6	5627	10528	17.19%	1.605%
32	12.859	1792	1797	1798	rBV3	2562	3716	6.07%	0.566%
33	12.945	1802	1811	1817	rBV3	5801	17317	28.27%	2.639%
34	12.993	1817	1819	1825	rVB6	3266	5010	8.18%	0.764%

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35	13.085	1825	1834	1838	rBV8	5050	11398	18.61%	1.737%
36	13.134	1838	1842	1844	rBV4	3078	4856	7.93%	0.740%
37	13.170	1844	1848	1856	rVB3	15161	24342	39.74%	3.710%
38	13.298	1867	1869	1873	rVB5	2832	2774	4.53%	0.423%
39	13.353	1874	1878	1882	rBV6	3977	5883	9.60%	0.897%
40	13.457	1888	1895	1898	rBV6	5600	12134	19.81%	1.849%
41	13.567	1906	1913	1922	rVV	20572	37711	61.56%	5.748%
42	13.658	1926	1928	1929	rVV2	1104	761	1.24%	0.116%
43	13.701	1932	1935	1941	rVV8	4793	10616	17.33%	1.618%
44	13.768	1944	1946	1948	rVB3	988	932	1.52%	0.142%
45	13.884	1958	1965	1970	rBV4	19092	36581	59.72%	5.576%
46	13.926	1970	1972	1977	rVB6	3930	4347	7.10%	0.663%
47	13.987	1978	1982	1985	rBV6	4012	6407	10.46%	0.977%
48	14.103	1998	2001	2005	rVB4	6418	7060	11.53%	1.076%
49	14.207	2014	2018	2023	rVB8	4941	8760	14.30%	1.335%
50	14.274	2025	2029	2035	rVB9	3956	7806	12.74%	1.190%
51	14.322	2035	2037	2040	rBV4	2776	3357	5.48%	0.512%
52	14.396	2045	2049	2052	rBV6	10241	15232	24.87%	2.322%
53	14.469	2057	2061	2064	rVB3	4365	5931	9.68%	0.904%
54	14.511	2065	2068	2070	rBV4	1626	1382	2.26%	0.211%
55	14.554	2071	2075	2081	rVB7	6979	12660	20.67%	1.930%
56	14.603	2081	2083	2085	rBV3	1105	1067	1.74%	0.163%
57	14.737	2102	2105	2111	rVB7	3794	5409	8.83%	0.824%
58	14.804	2111	2116	2122	rVV6	6555	13902	22.69%	2.119%
59	14.865	2124	2126	2133	rVB7	3101	5049	8.24%	0.770%
60	14.969	2139	2143	2148	rVB6	3213	4785	7.81%	0.729%
61	15.048	2153	2156	2157	rVV3	848	740	1.21%	0.113%
62	15.078	2157	2161	2164	rVV6	2678	4753	7.76%	0.724%
63	15.109	2164	2166	2171	rVV5	2398	3674	6.00%	0.560%
64	15.188	2172	2179	2185	rVB8	3244	7562	12.34%	1.153%
65	15.255	2187	2190	2192	rBV4	1016	1116	1.82%	0.170%
66	15.280	2192	2194	2196	rVB2	995	918	1.50%	0.140%
67	15.475	2224	2226	2229	rVB3	696	614	1.00%	0.094%
68	15.530	2233	2235	2237	rVB2	792	723	1.18%	0.110%
69	15.645	2252	2254	2257	rVV3	642	681	1.11%	0.104%
70	15.743	2268	2270	2274	rVB4	657	719	1.17%	0.110%
71	15.828	2277	2284	2285	rBV5	625	1182	1.93%	0.180%

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72	16.005	2311	2313	2316	rVV3	694	752	1.23%	0.115%
73	16.090	2325	2327	2330	rVB4	570	661	1.08%	0.101%
74	16.133	2330	2334	2335	rBV3	644	823	1.34%	0.125%
75	16.170	2335	2340	2343	rVV6	643	1060	1.73%	0.162%
76	16.212	2345	2347	2351	rVB3	587	622	1.02%	0.095%
77	16.596	2407	2410	2412	rBV4	520	664	1.08%	0.101%
78	16.664	2416	2421	2422	rBV2	425	640	1.04%	0.098%
79	16.676	2422	2423	2426	rVB3	672	676	1.10%	0.103%

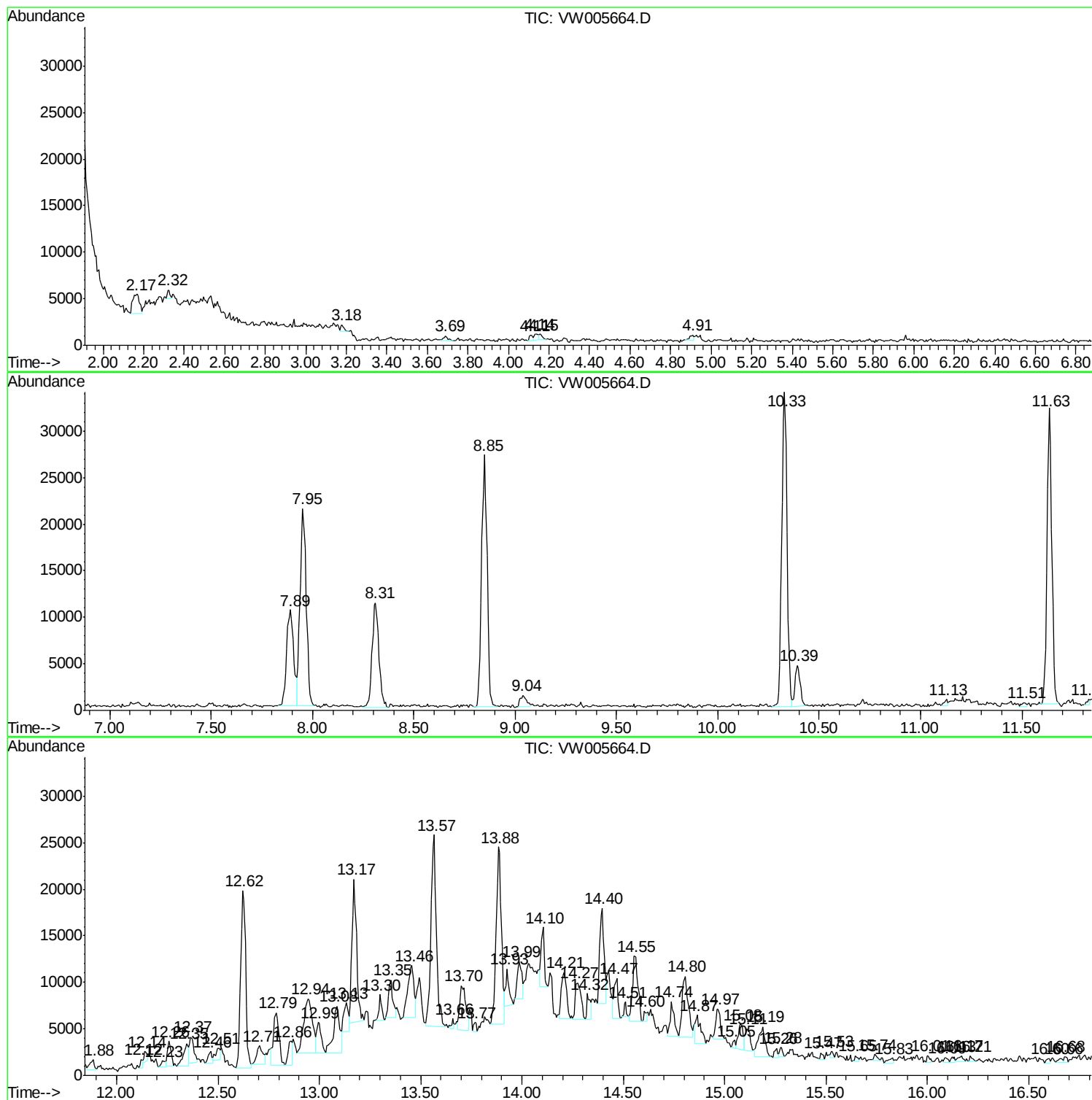
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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



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Instrument :
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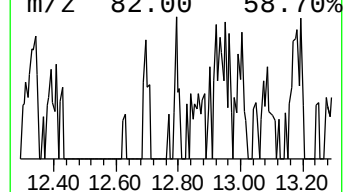
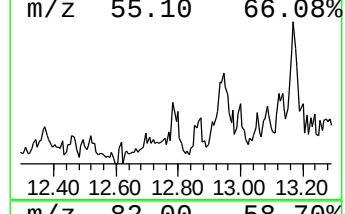
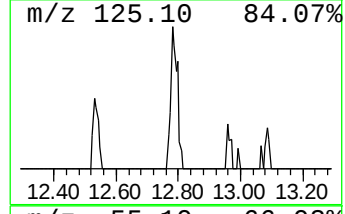
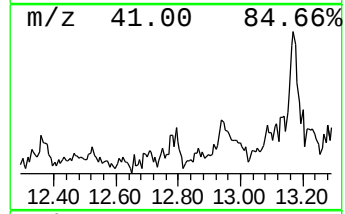
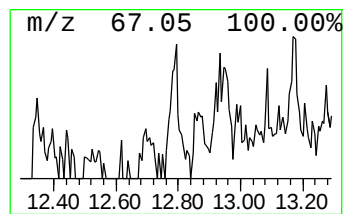
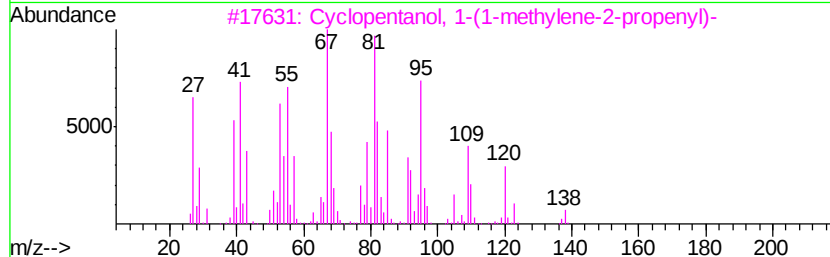
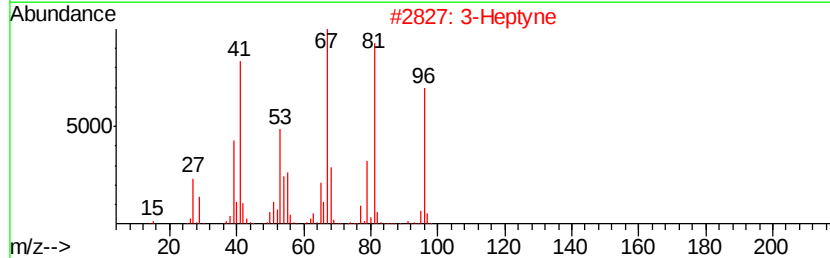
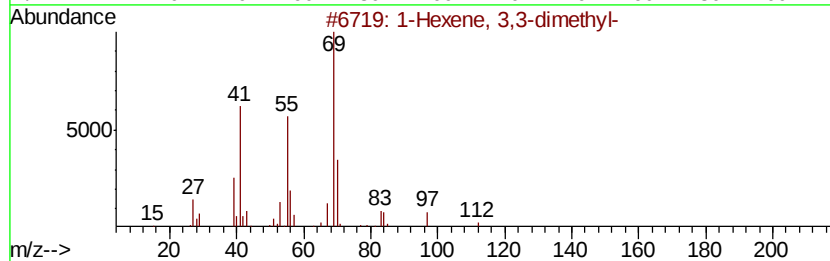
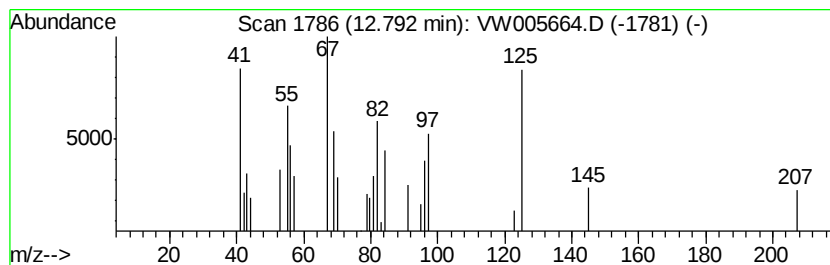
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.79 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	13.96 ug/l	10528	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
2		3-Heptyne	96	C7H12	002586-89-2	30
3		Cyclopentanol, 1-(1-methylene-2-...	138	C9H14O	078158-11-9	27
4		4-Nonyne	124	C9H16	020184-91-2	27
5		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	27



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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
CL-02-092518-D

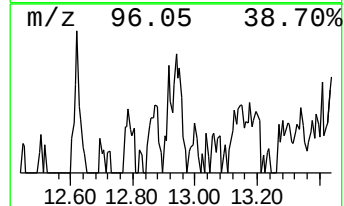
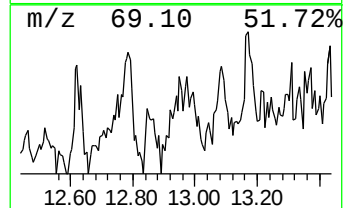
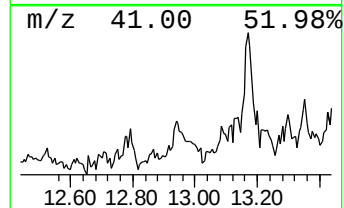
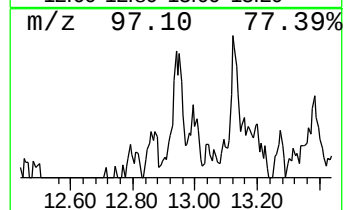
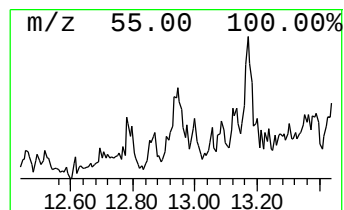
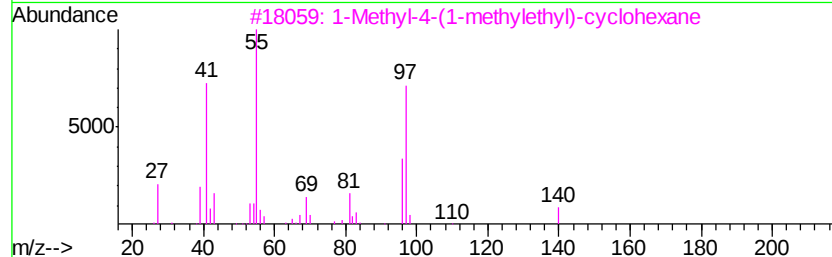
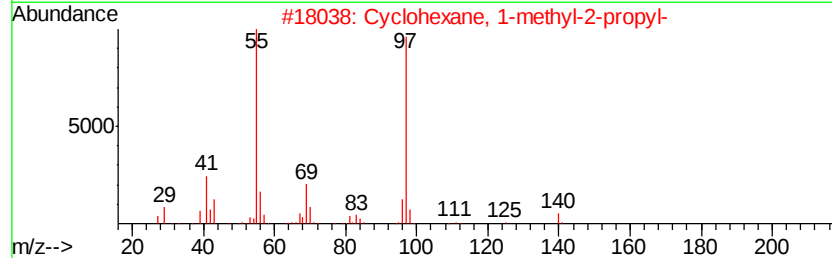
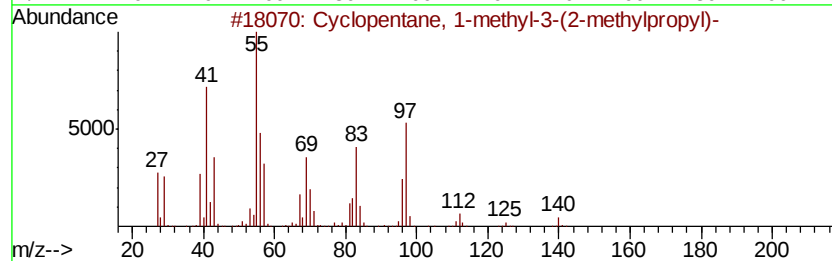
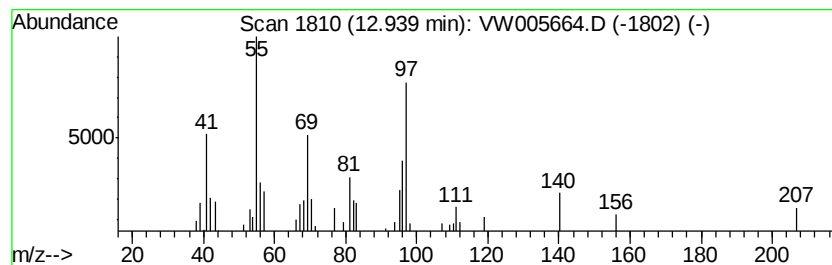
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown12.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	22.96 ug/l	17317	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	43
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	27
4		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	27
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	27



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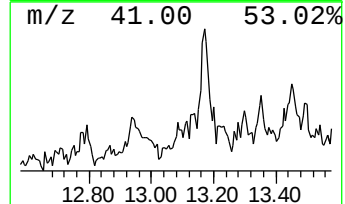
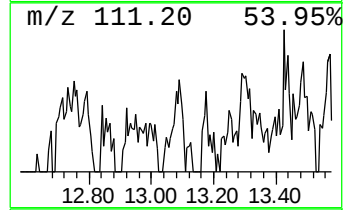
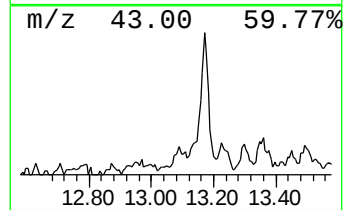
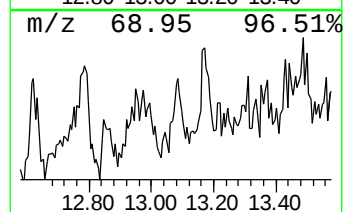
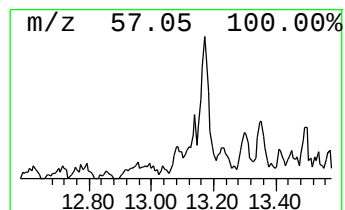
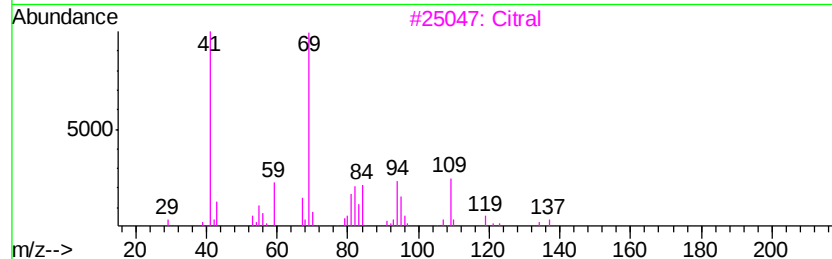
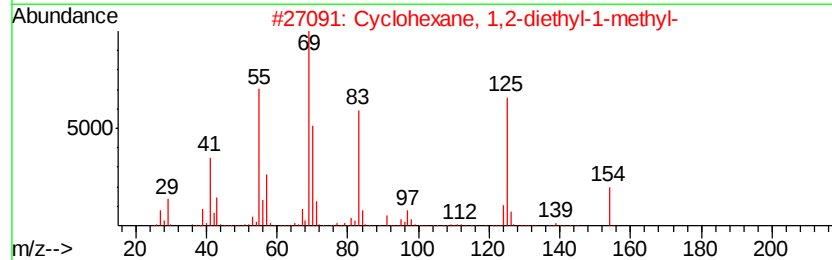
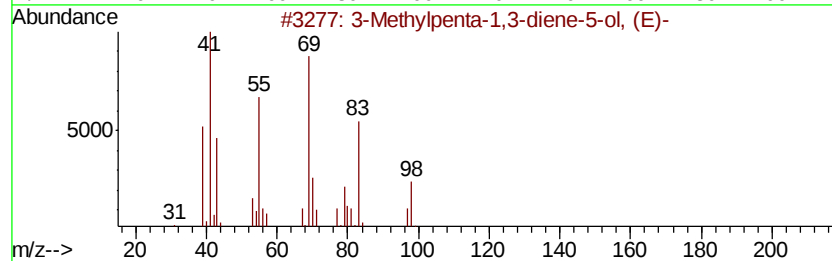
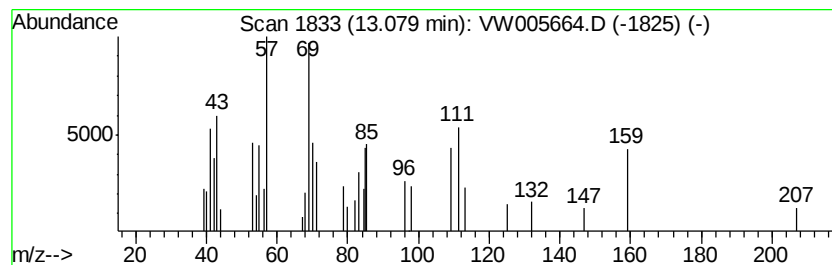
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Quant Title : SW846 8260

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

Peak Number 3 unknown13.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	15.11 ug/l	11398	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	38
2		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	35
3		Citral	152	C10H16O	005392-40-5	27
4		Cyclohexane, 1,1'-(1-methylethyl-...	208	C15H28	054934-90-6	27
5		3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	25



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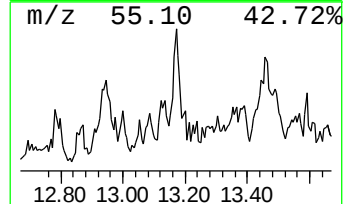
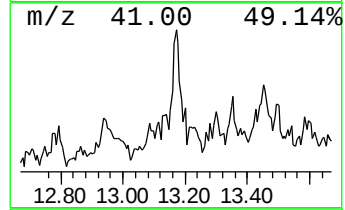
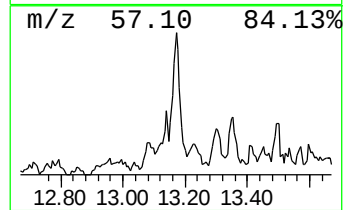
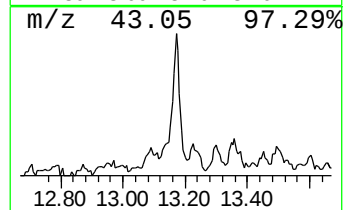
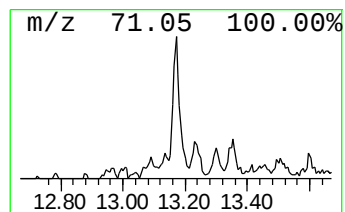
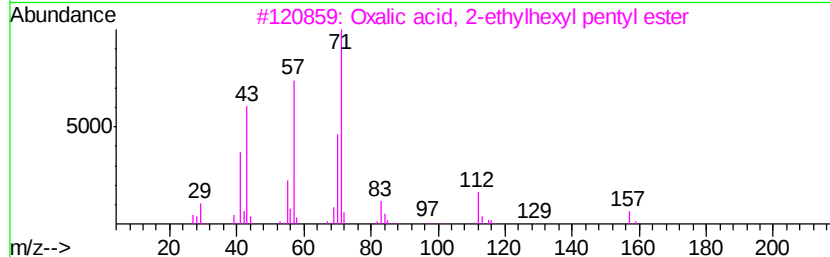
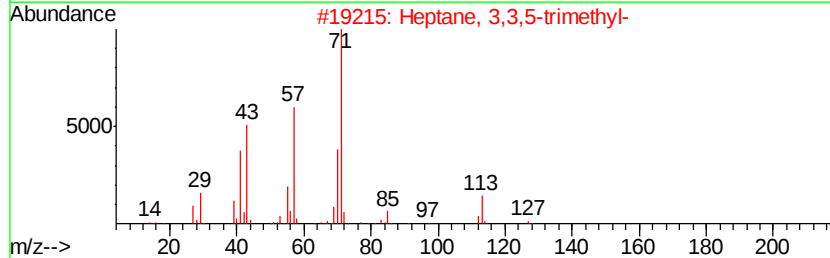
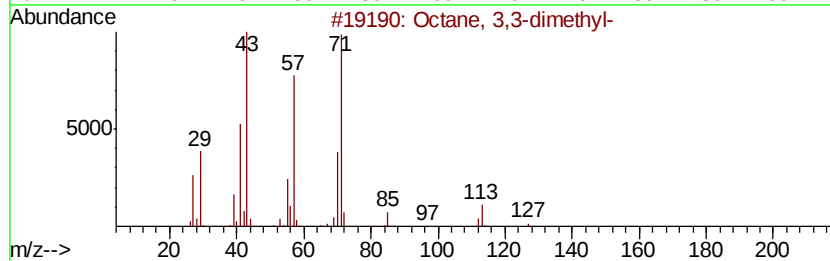
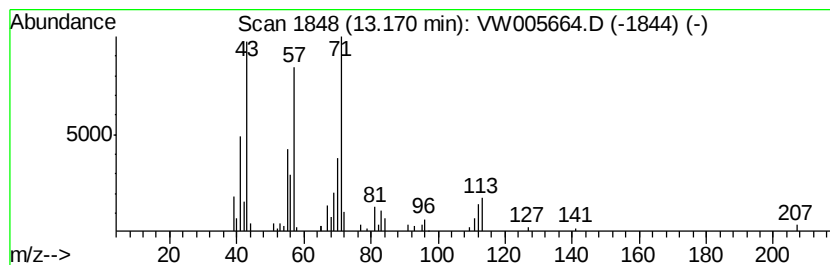
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 3,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	32.27 ug/l	24342	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	59
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

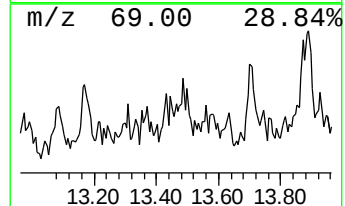
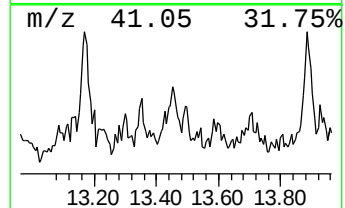
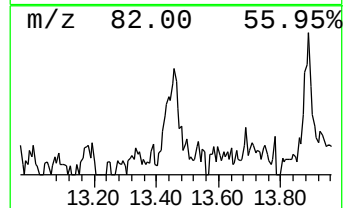
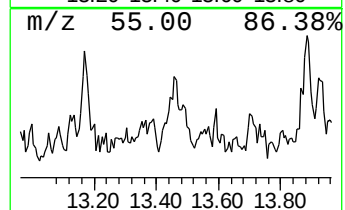
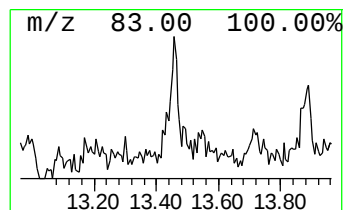
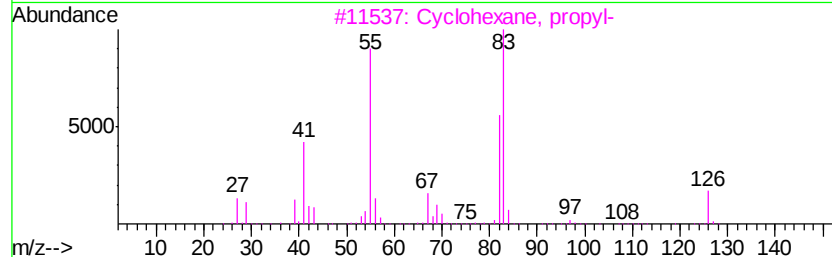
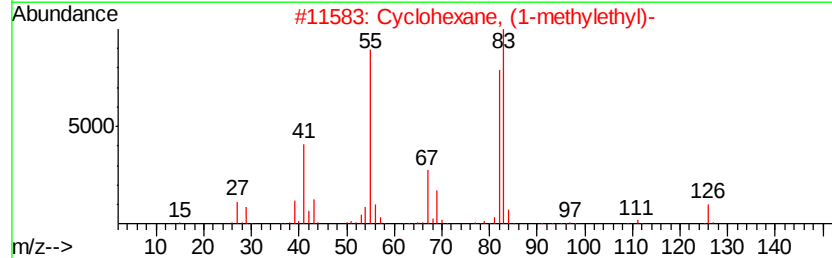
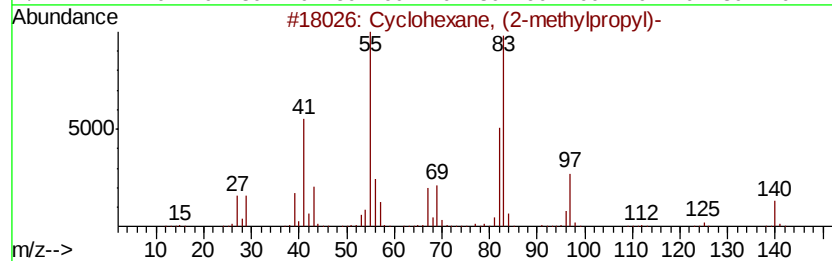
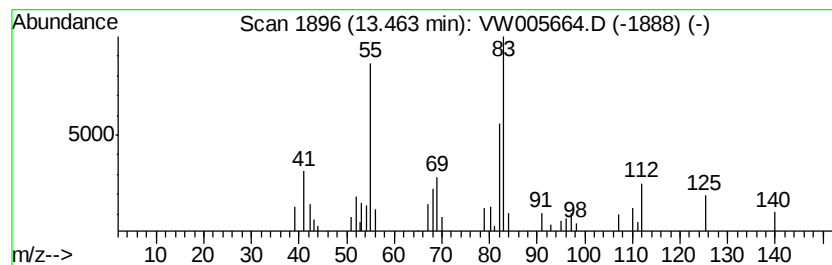
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, (2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	16.09 ug/l	12134	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	62
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

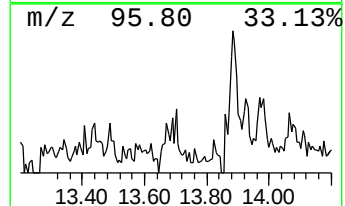
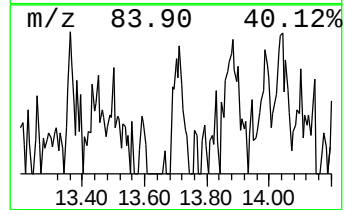
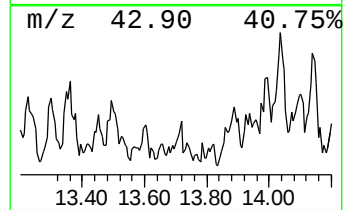
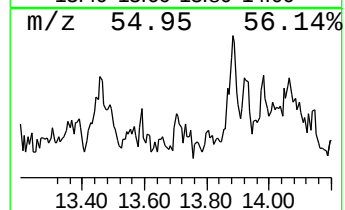
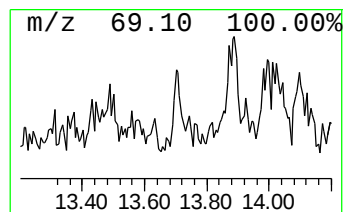
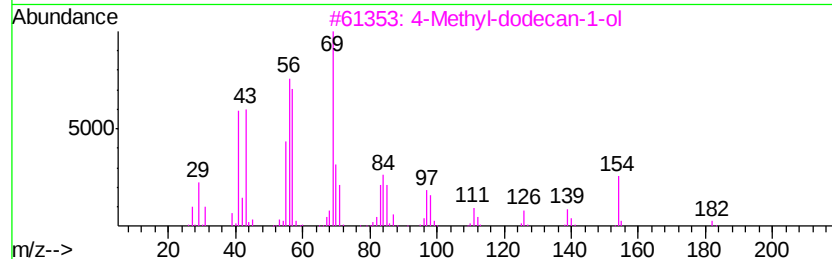
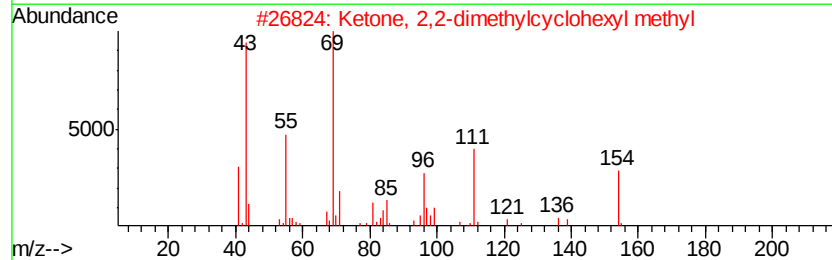
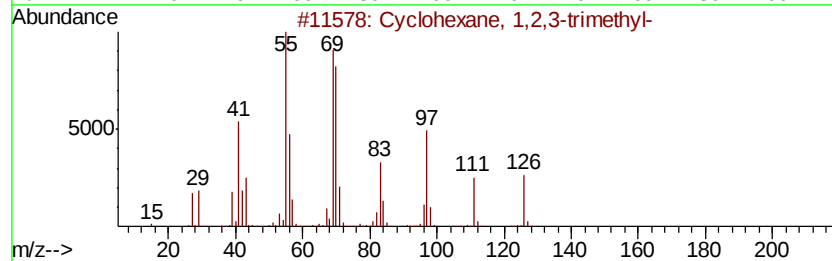
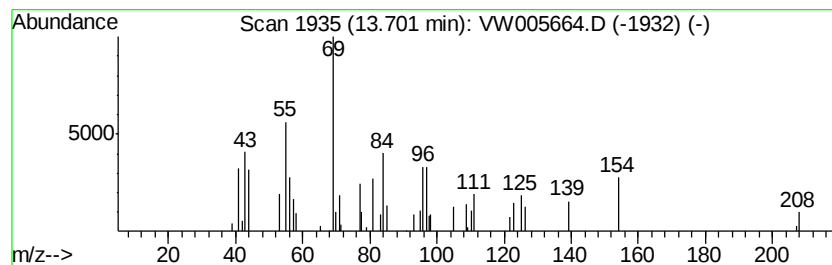
Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	14.08 ug/l	10616	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 64
2		Ketone, 2,2-dimethylcyclohexyl m...	154 C10H18O	017983-26-5 45
3		4-Methyl-dodecan-1-ol	200 C13H28O	1000192-41-3 45
4		2-Thiopheneacetic acid, 2-ethylc...	252 C14H20O2S	1000278-96-1 43
5		Dichloroacetic acid, 6-ethyl-3-o...	268 C12H22Cl2O2	1000282-56-6 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

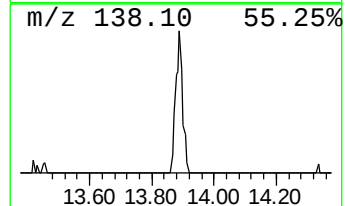
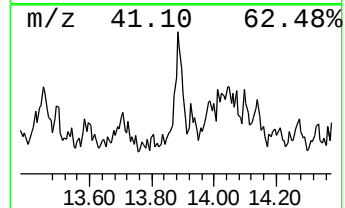
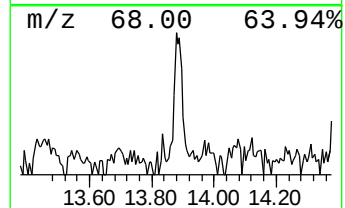
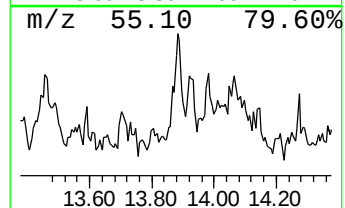
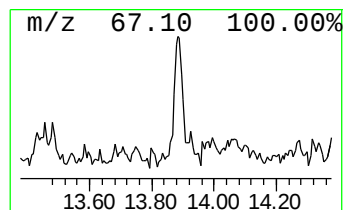
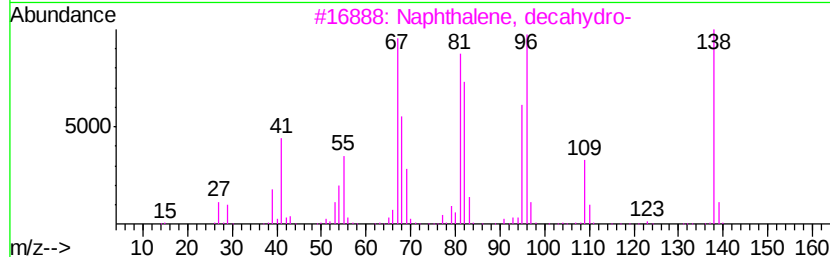
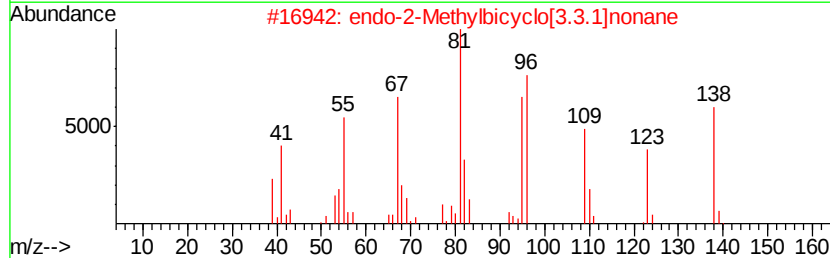
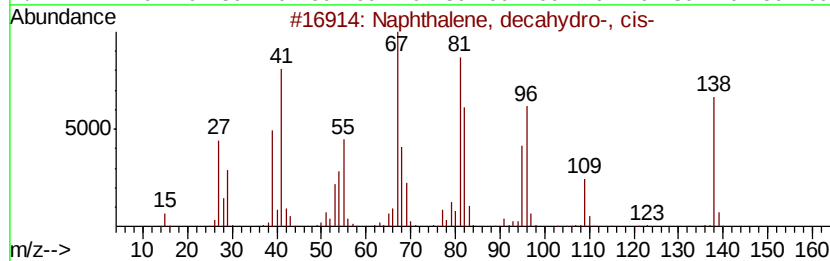
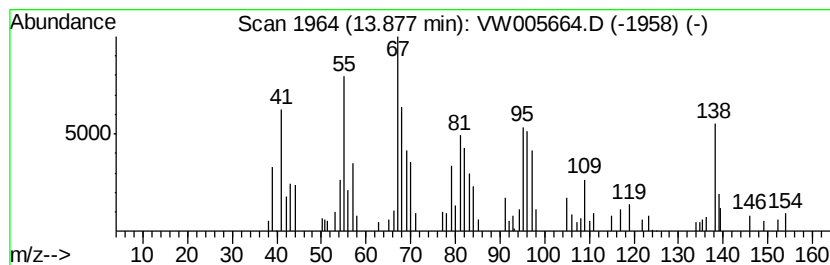
Instrument :
MSVOA_W
ClientSampled :
CL-02-092518-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-, cis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.88	48.50 ug/l	36581	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
2	endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	68
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	62
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	60
5	o-Menth-8-ene	138	C10H18	015193-25-6	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

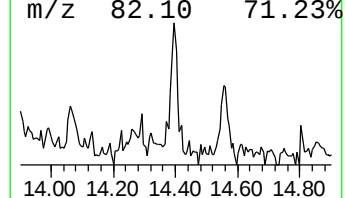
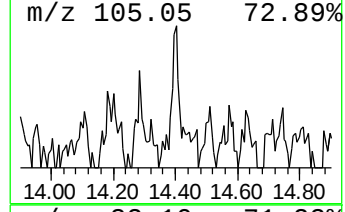
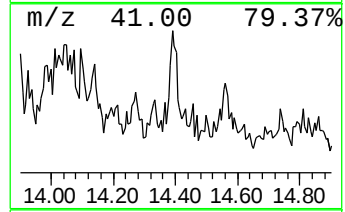
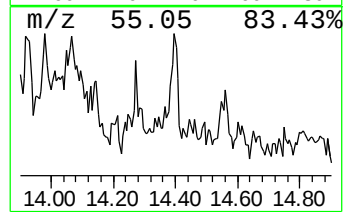
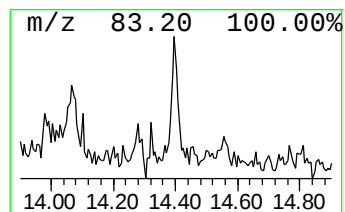
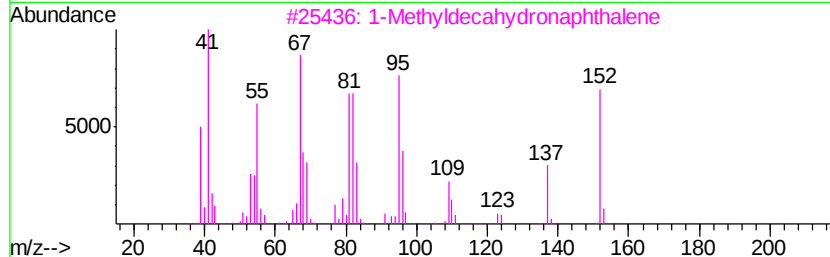
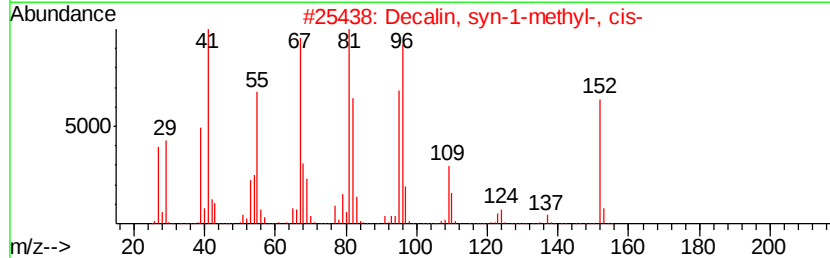
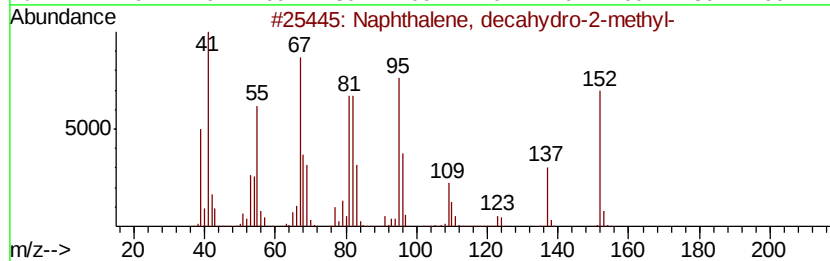
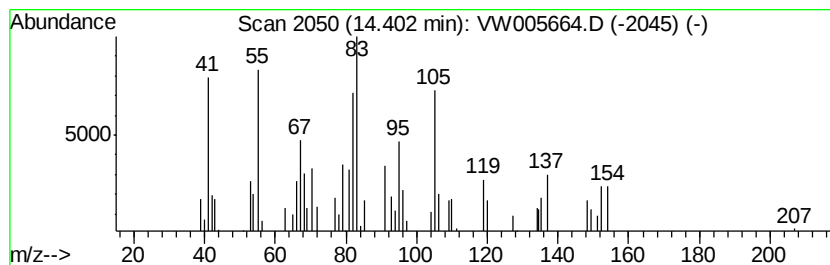
Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown14.40 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	20.20 ug/l	15232	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 46
2		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 46
3		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 46
4		Bicyclo[3.1.1]heptan-2-one, 3,6,...	152 C10H16O	016022-08-5 43
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152 C10H16O	004176-04-9 41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

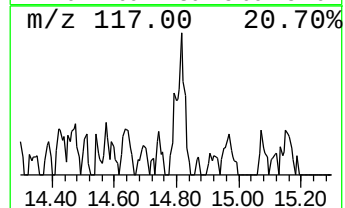
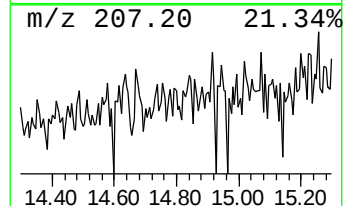
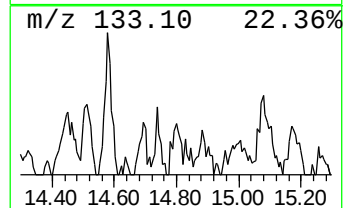
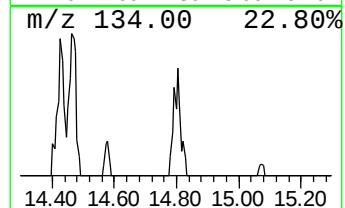
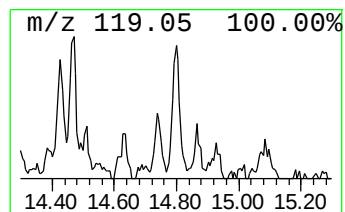
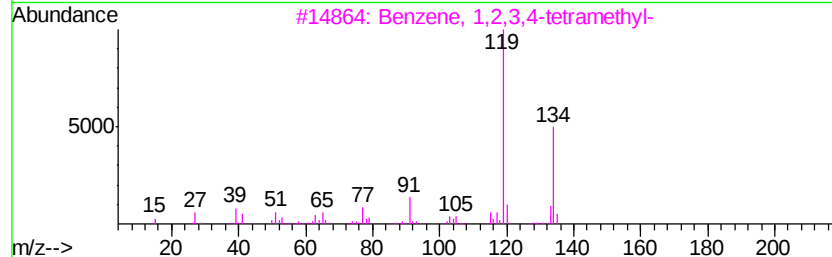
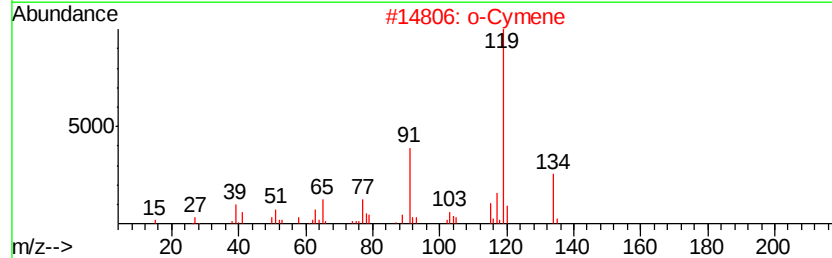
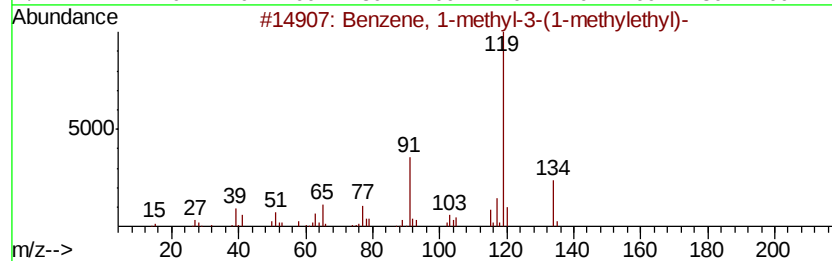
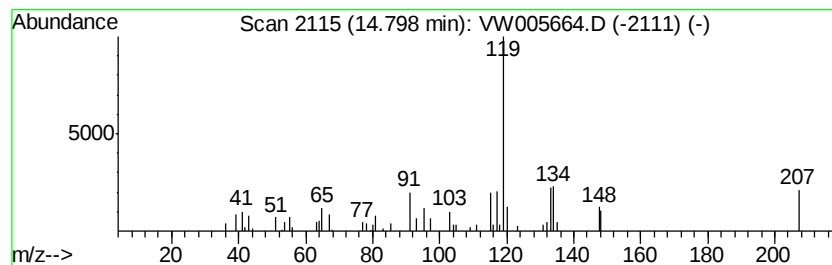
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	18.43 ug/l	13902	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	52
2		o-Cymene	134	C10H14	000527-84-4	52
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	52
4		p-Cymene	134	C10H14	000099-87-6	52
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.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
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unknown12.94	12.94	23.0	ug/l	17317	4	13.57	37711	50.0
unknown13.08	13.08	15.1	ug/l	11398	4	13.57	37711	50.0
Octane, 3,3-dimet...	13.17	32.3	ug/l	24342	4	13.57	37711	50.0
Cyclohexane, (2-m...	13.46	16.1	ug/l	12134	4	13.57	37711	50.0
Cyclohexane, 1,2,...	13.70	14.1	ug/l	10616	4	13.57	37711	50.0
Naphthalene, deca...	13.88	48.5	ug/l	36581	4	13.57	37711	50.0
unknown14.40	14.40	20.2	ug/l	15232	4	13.57	37711	50.0
Benzene, 1-methyl...	14.80	18.4	ug/l	13902	4	13.57	37711	50.0