

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005115.D
 Acq On : 05 Sep 2018 08:06
 Operator : SY/AP
 Sample : J4693-07
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-FD01

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\82W090118S.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	1.794	27	34	57	rVB	5370770	9159076	100.00%	21.045%
2	2.812	194	201	210	rVB	210563	382432	4.18%	0.879%
3	4.922	533	547	558	rBV2	43052	137881	1.51%	0.317%
4	7.891	1023	1034	1039	rBV	258977	622046	6.79%	1.429%
5	7.958	1039	1045	1061	rVB	583563	1308247	14.28%	3.006%
6	8.312	1090	1103	1117	rBV2	266066	590172	6.44%	1.356%
7	8.848	1181	1191	1206	rBV	1033905	2004818	21.89%	4.607%
8	10.329	1426	1434	1442	rBV	1101465	1930333	21.08%	4.435%
9	11.238	1576	1583	1588	rBV	58652	109455	1.20%	0.252%
10	11.439	1613	1616	1623	rVB2	53641	93327	1.02%	0.214%
11	11.634	1640	1648	1658	rBV	1521354	2587264	28.25%	5.945%
12	11.878	1683	1688	1692	rVV	125534	237528	2.59%	0.546%
13	11.921	1692	1695	1701	rVB	108376	183941	2.01%	0.423%
14	12.067	1711	1719	1724	rVB5	50278	116817	1.28%	0.268%
15	12.146	1724	1732	1737	rBV3	227787	499973	5.46%	1.149%
16	12.256	1743	1750	1755	rVB	409027	645386	7.05%	1.483%
17	12.341	1755	1764	1766	rBV4	176306	430895	4.70%	0.990%
18	12.366	1766	1768	1774	rVB2	196526	292183	3.19%	0.671%
19	12.469	1780	1785	1789	rVV	262856	498041	5.44%	1.144%
20	12.512	1789	1792	1795	rVV3	160615	255169	2.79%	0.586%
21	12.549	1795	1798	1804	rVB2	212425	340910	3.72%	0.783%
22	12.622	1804	1810	1816	rVB	964820	1614227	17.62%	3.709%
23	12.707	1816	1824	1828	rBV6	137360	345603	3.77%	0.794%
24	12.786	1833	1837	1845	rVB3	410079	923160	10.08%	2.121%
25	12.866	1845	1850	1854	rBV4	156461	304493	3.32%	0.700%
26	12.945	1855	1863	1868	rBV3	538531	1364882	14.90%	3.136%
27	13.000	1868	1872	1877	rVB2	409100	658510	7.19%	1.513%
28	13.085	1882	1886	1890	rBV	285519	427649	4.67%	0.983%
29	13.134	1890	1894	1896	rBV3	229288	346881	3.79%	0.797%
30	13.170	1896	1900	1907	rVB	1098865	1619079	17.68%	3.720%
31	13.298	1918	1921	1925	rVB	156200	195732	2.14%	0.450%
32	13.353	1926	1930	1933	rVV	261180	458341	5.00%	1.053%
33	13.384	1933	1935	1939	rVV2	298982	404442	4.42%	0.929%
34	13.457	1939	1947	1950	rVV4	553364	1037766	11.33%	2.385%

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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-MW-FD01

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

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35	13.493	1950	1953	1957	rVB2	324484	446914	4.88%	1.027%
36	13.567	1959	1965	1974	rVB	1502015	2584245	28.22%	5.938%
37	13.725	1983	1991	1994	rBV3	195307	508905	5.56%	1.169%
38	13.762	1994	1997	2001	rVB	199331	290561	3.17%	0.668%
39	13.811	2001	2005	2011	rVB	292670	430858	4.70%	0.990%
40	13.890	2012	2018	2022	rBV2	766429	1371942	14.98%	3.152%
41	13.926	2022	2024	2028	rVB2	225263	271971	2.97%	0.625%
42	13.987	2029	2034	2037	rBV3	198075	343071	3.75%	0.788%
43	14.048	2037	2044	2048	rVV4	273822	751656	8.21%	1.727%
44	14.103	2050	2053	2057	rVB	306553	440710	4.81%	1.013%
45	14.213	2065	2071	2077	rVB4	325065	648789	7.08%	1.491%
46	14.286	2077	2083	2087	rVV4	181888	403783	4.41%	0.928%
47	14.353	2087	2094	2097	rVV2	136611	337883	3.69%	0.776%
48	14.396	2097	2101	2104	rVV2	456258	754588	8.24%	1.734%
49	14.426	2104	2106	2110	rVV3	217779	331158	3.62%	0.761%
50	14.463	2110	2112	2116	rVB	103842	137598	1.50%	0.316%
51	14.512	2116	2120	2123	rBV	101191	138109	1.51%	0.317%
52	14.554	2123	2127	2134	rVB3	134488	267547	2.92%	0.615%
53	14.646	2140	2142	2147	rVB3	90703	133008	1.45%	0.306%
54	14.713	2147	2153	2155	rVV4	64686	130016	1.42%	0.299%
55	14.743	2155	2158	2162	rVV	99199	148003	1.62%	0.340%
56	14.798	2162	2167	2173	rVV3	101873	238798	2.61%	0.549%
57	14.865	2174	2178	2184	rVB3	81586	162680	1.78%	0.374%
58	15.182	2226	2230	2237	rVB3	56485	121079	1.32%	0.278%

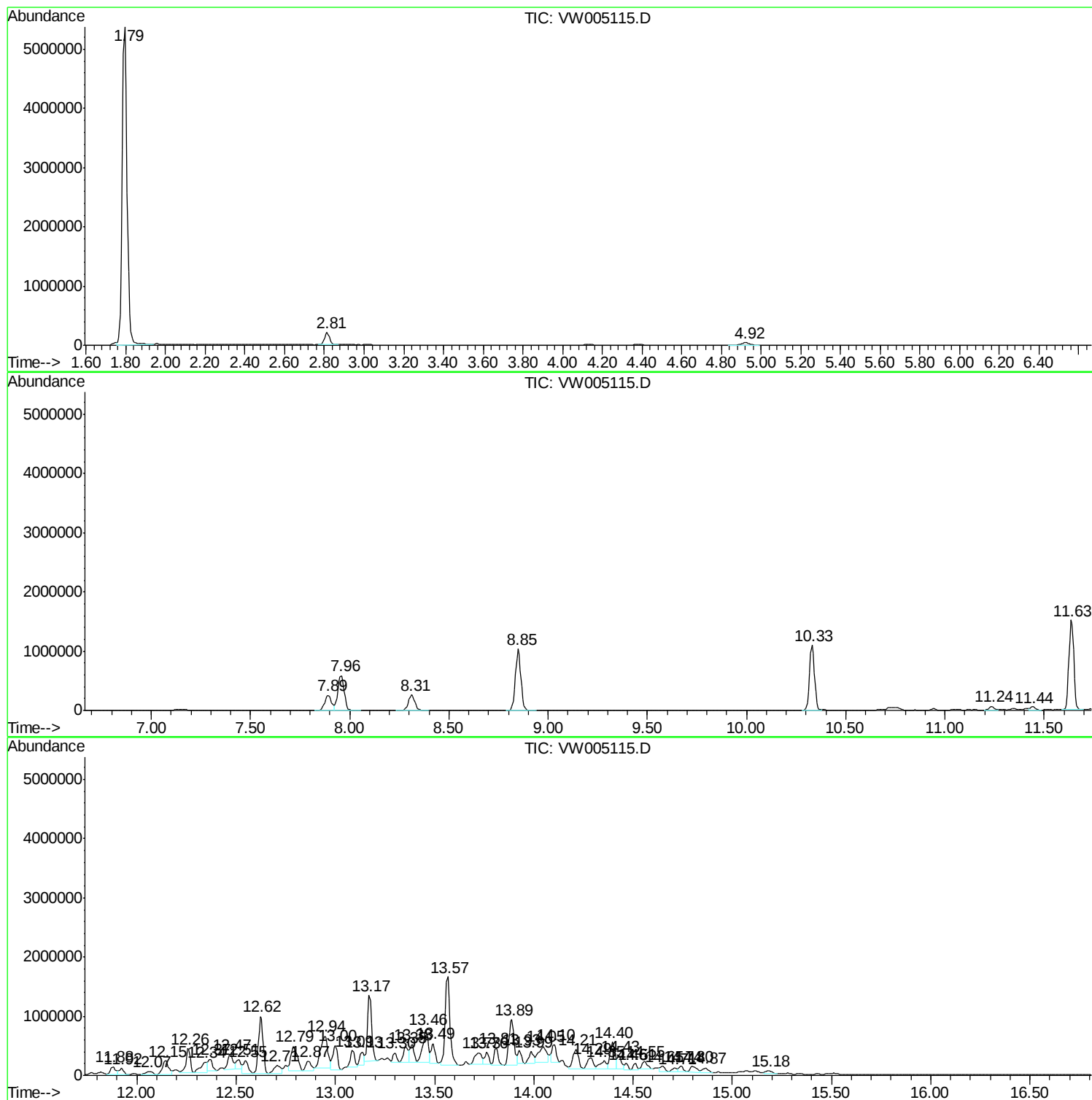
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Misc : 5.79G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

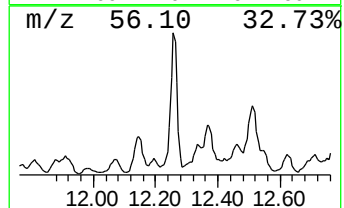
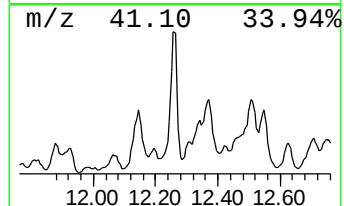
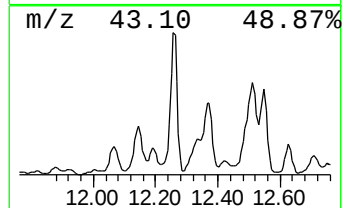
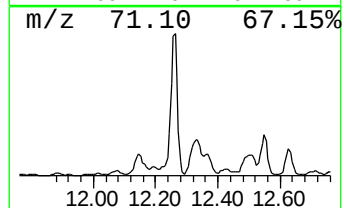
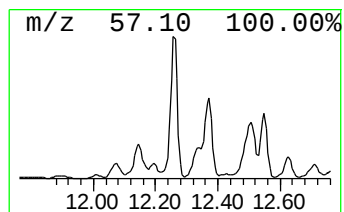
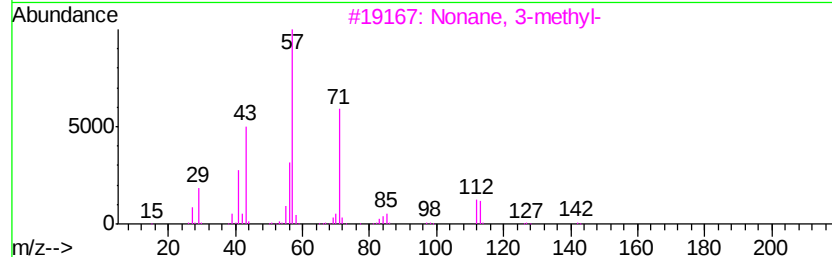
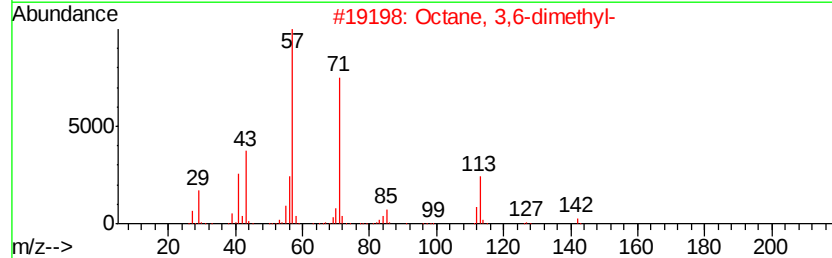
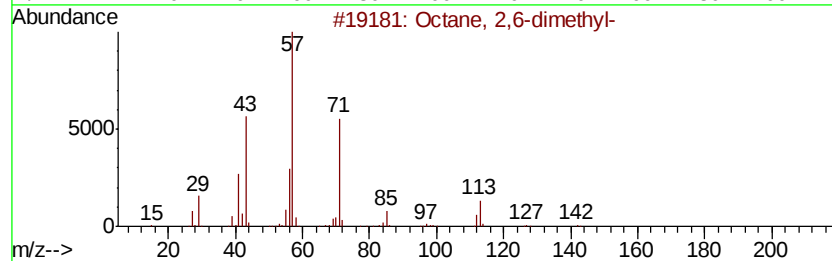
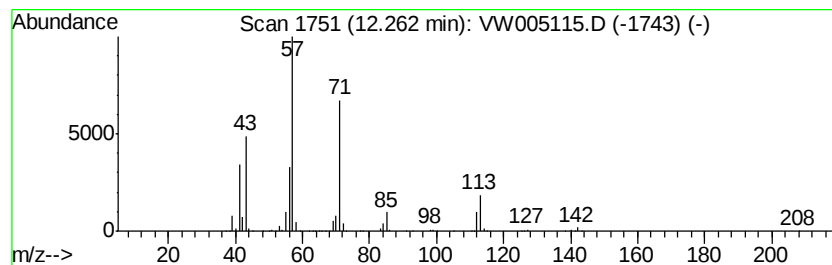
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-FD01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.26	12.47 ug/l	645386	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	59



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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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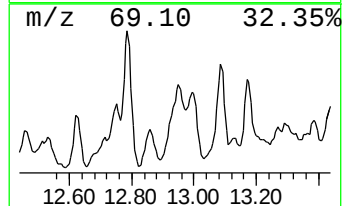
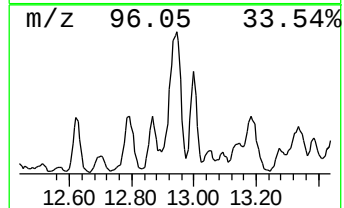
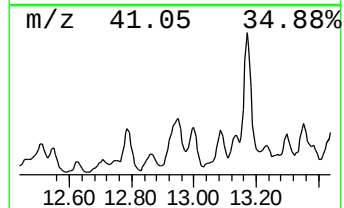
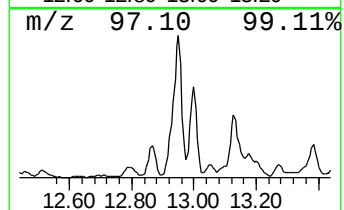
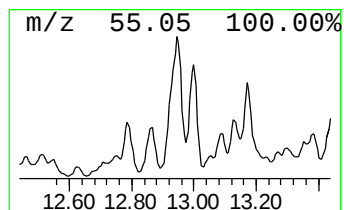
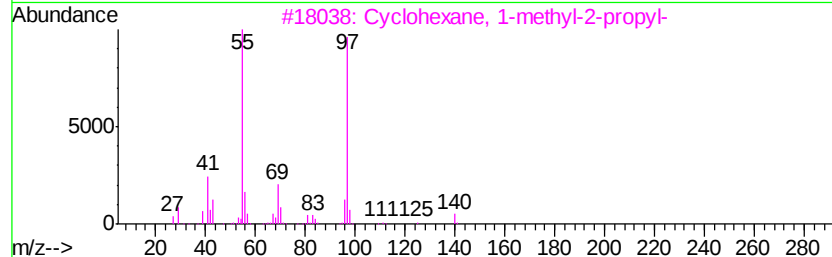
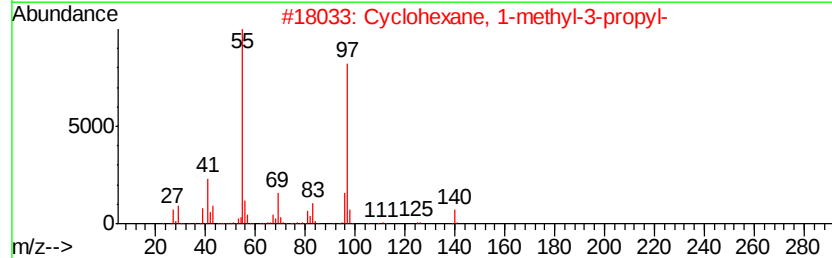
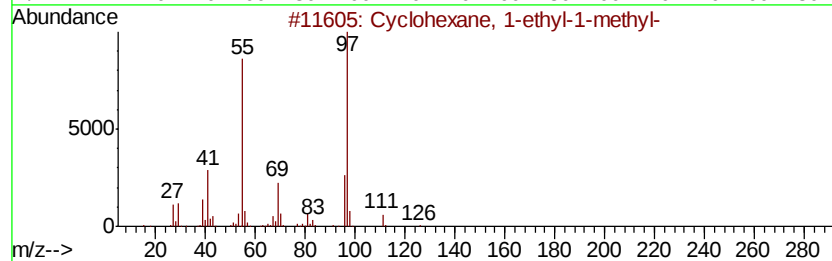
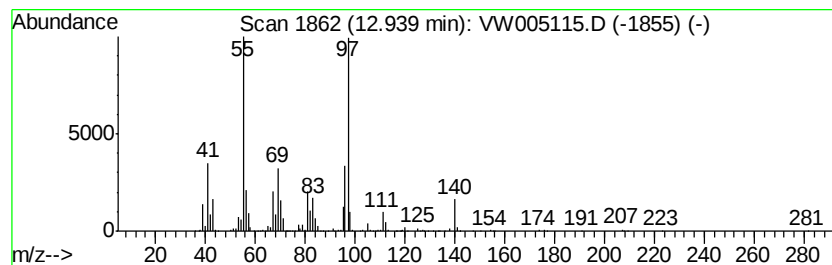
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	26.41 ug/l	1364880	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	72
5		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64



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ALS Vial : 44 Sample Multiplier: 1

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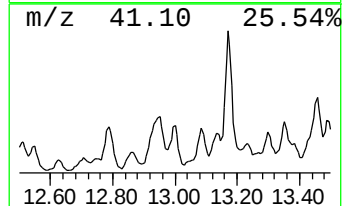
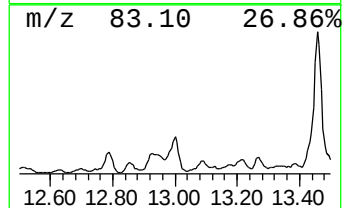
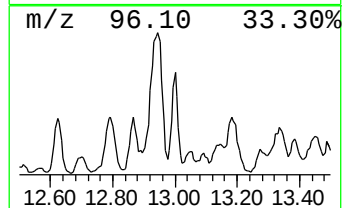
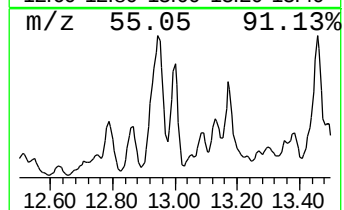
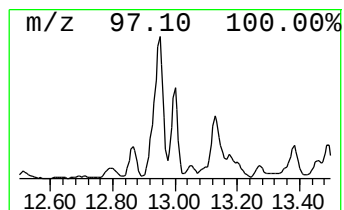
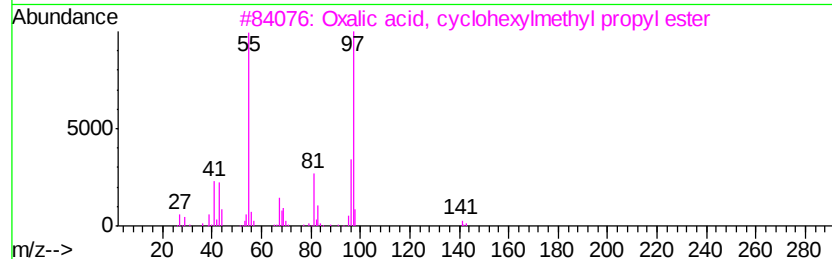
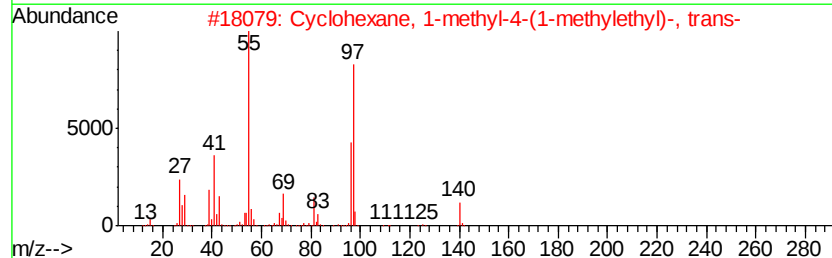
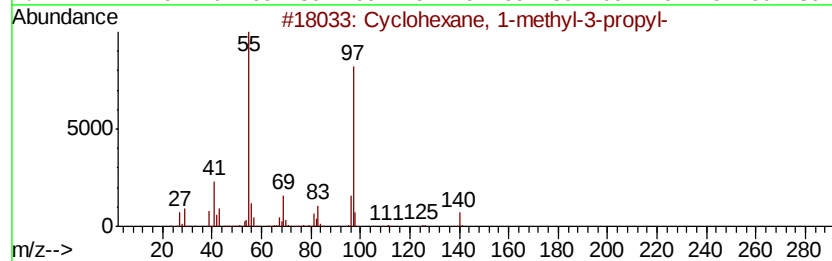
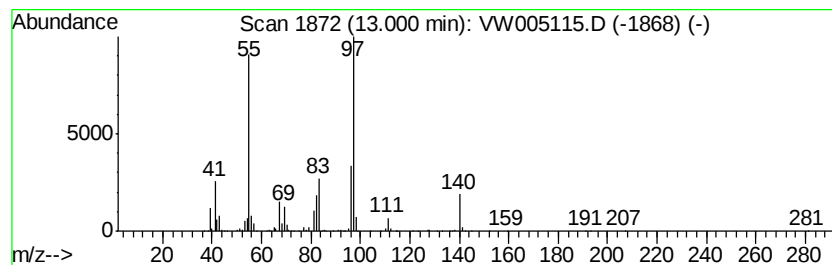
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1-methyl-3-pro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	12.74 ug/l	658510	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	72
2		Cyclohexane, 1-methyl-4-(1-methyl-3-propyl)-	140	C10H20	001678-82-6	60
3		Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	59
4		Semustine	247	C10H18ClN3O2	013909-09-6	50
5		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	50



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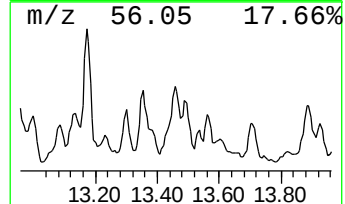
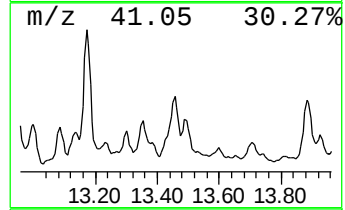
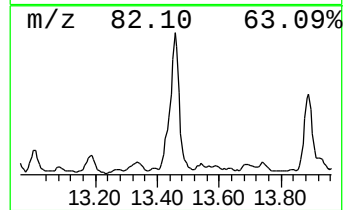
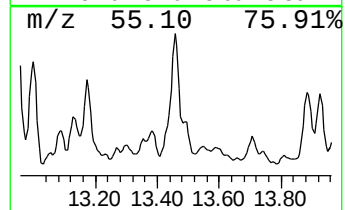
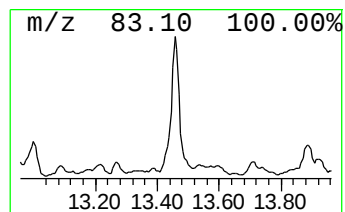
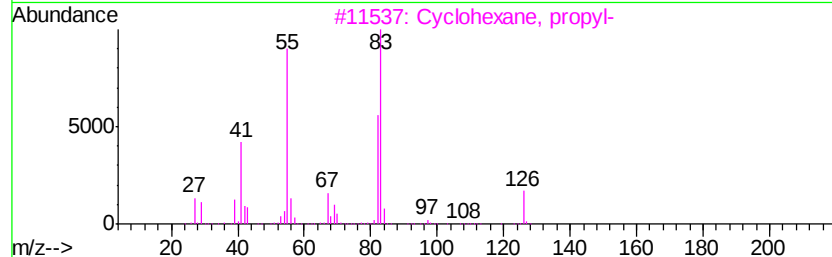
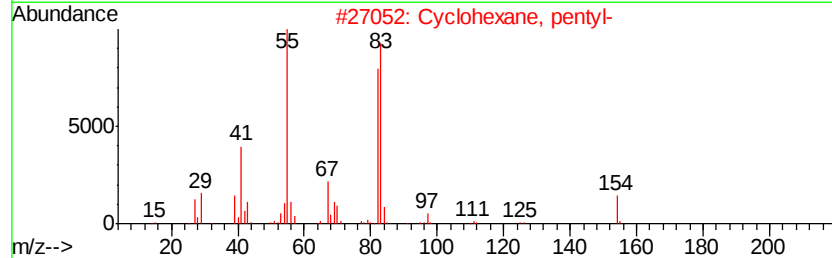
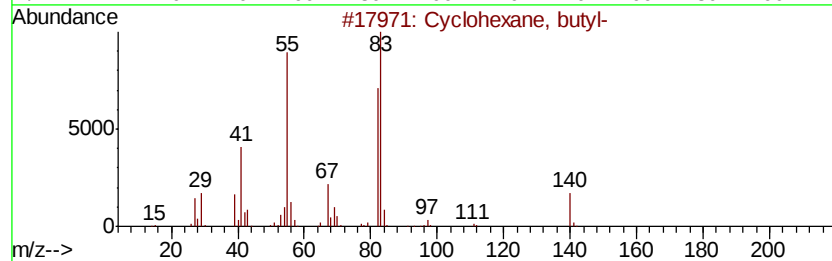
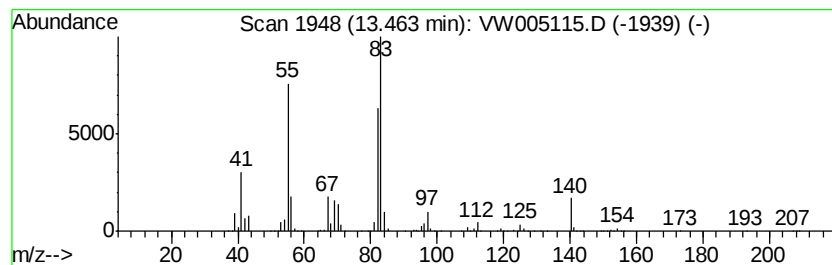
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	20.08 ug/l	1037770	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, butyl-	140 C10H20	001678-93-9 90
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 83
3		Cyclohexane, propyl-	126 C9H18	001678-92-8 72
4		Cyclohexane, eicosyl-	364 C26H52	004443-55-4 59
5		Cyclohexane, ethyl-	112 C8H16	001678-91-7 53



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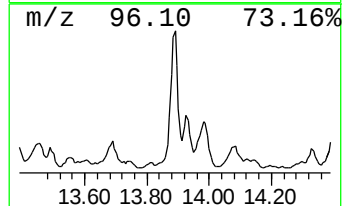
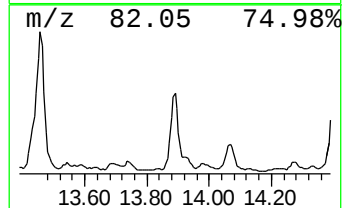
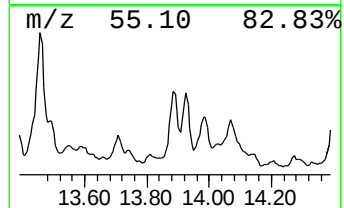
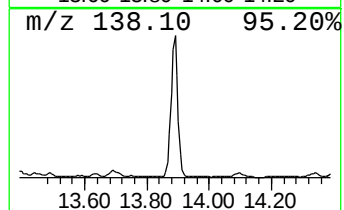
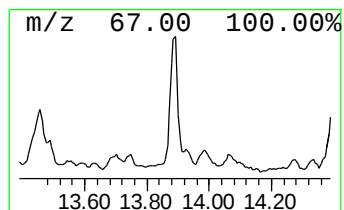
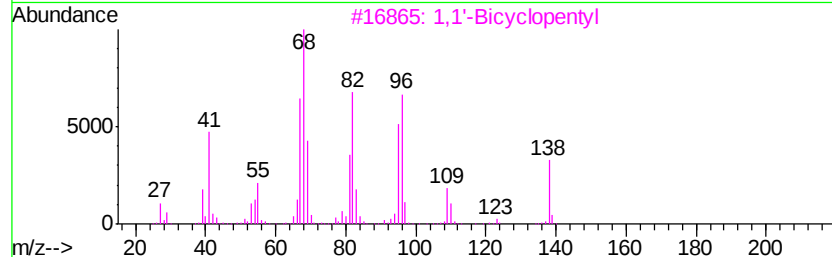
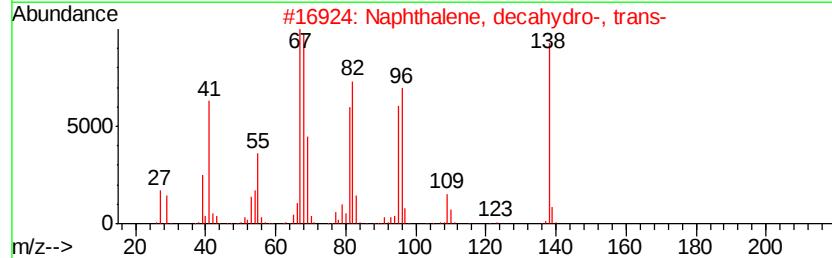
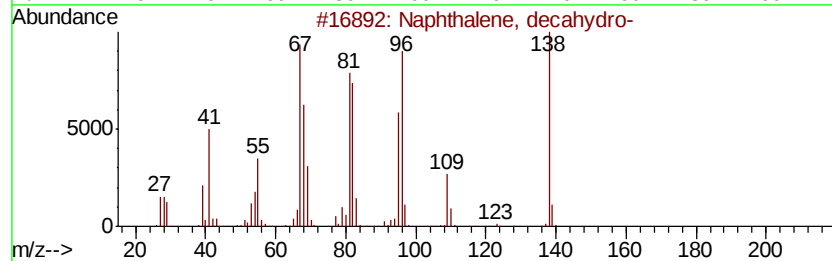
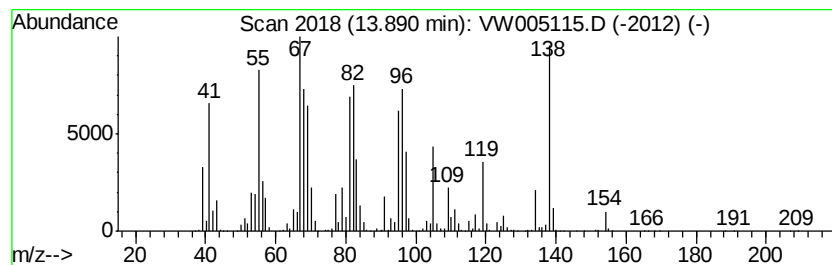
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	26.54 ug/l	1371940	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
5		Spiro[4.5]decane	138	C10H18	000176-63-6	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005115.D
Acq On : 05 Sep 2018 08:06
Operator : SY/AP
Sample : J4693-07
Misc : 5.79G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

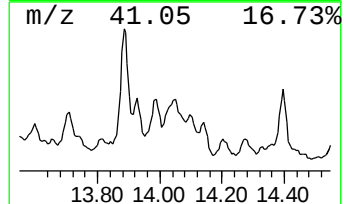
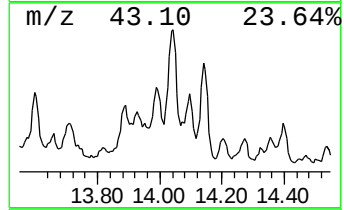
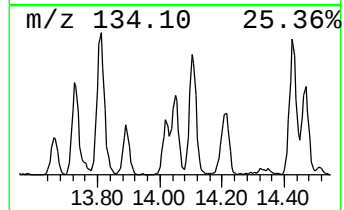
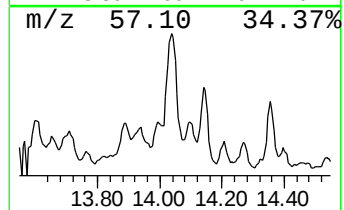
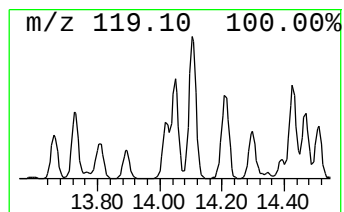
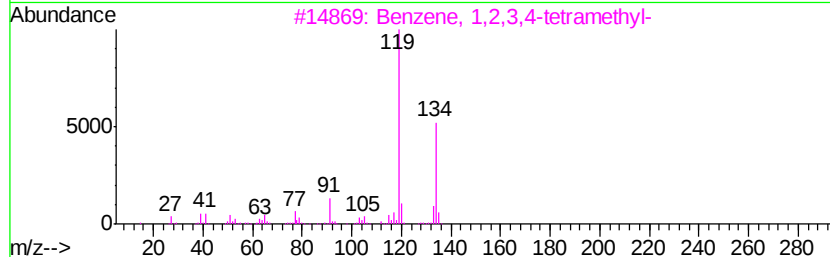
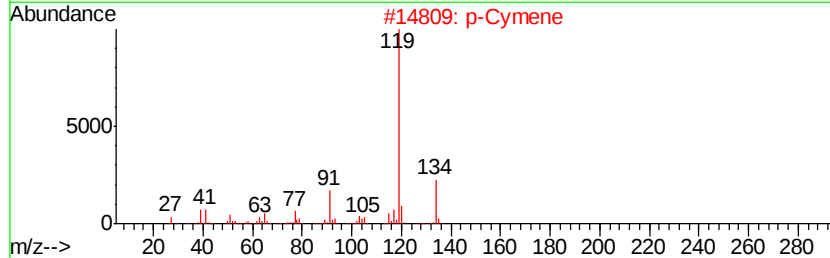
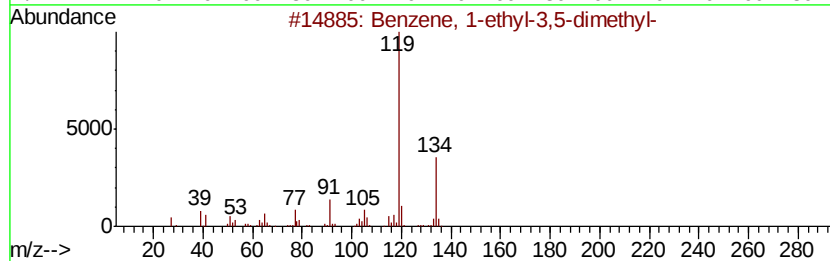
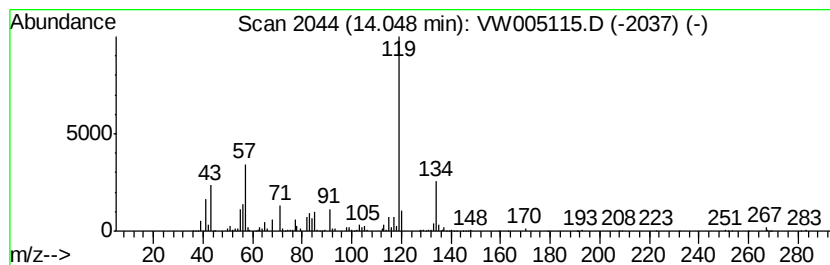
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-FD01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	14.54 ug/l	751656	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7	93
2	p-Cymene	134 C10H14	000099-87-6	93
3	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	91
4	Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005115.D
Acq On : 05 Sep 2018 08:06
Operator : SY/AP
Sample : J4693-07
Misc : 5.79G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-FD01

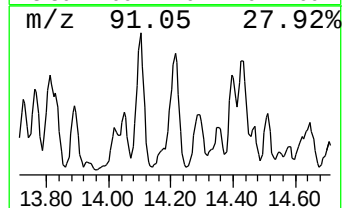
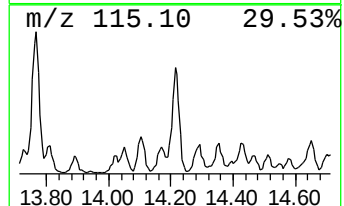
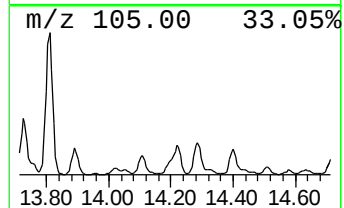
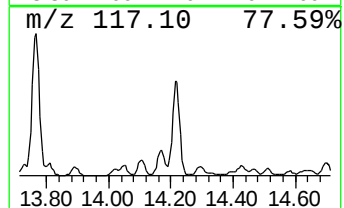
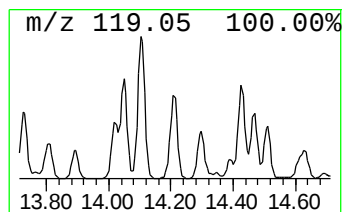
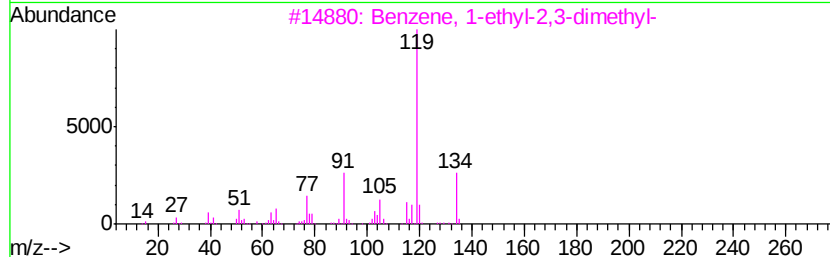
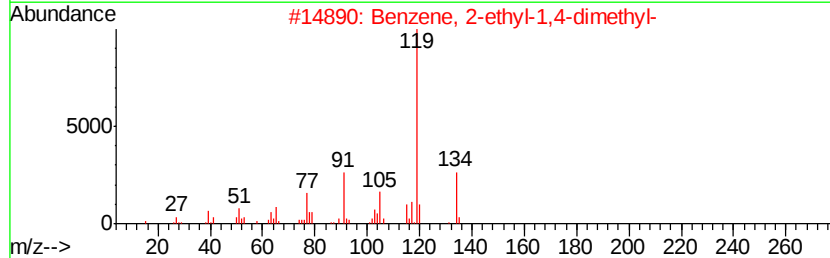
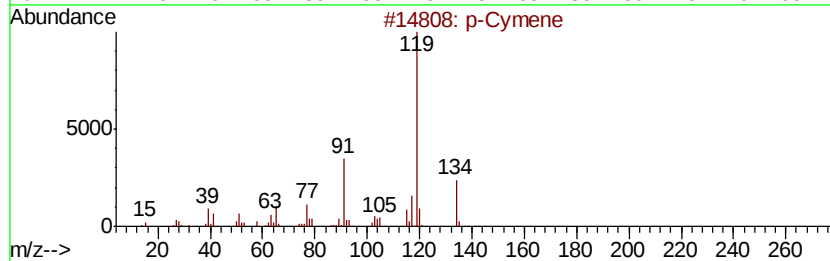
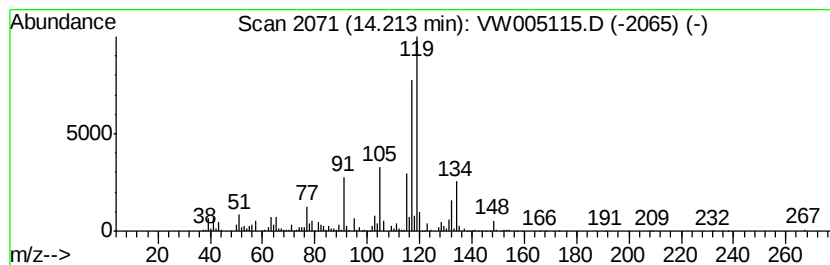
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Quant Title : SW846 8260

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

Peak Number 9 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	12.55 ug/l	648789	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	50
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005115.D
Acq On : 05 Sep 2018 08:06
Operator : SY/AP
Sample : J4693-07
Misc : 5.79G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-FD01

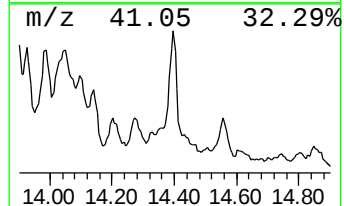
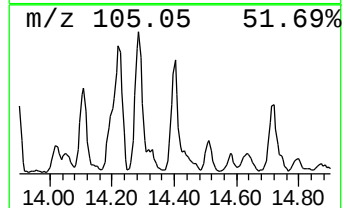
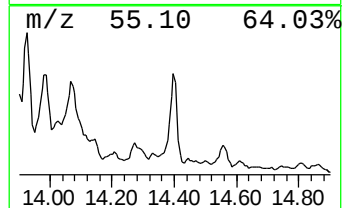
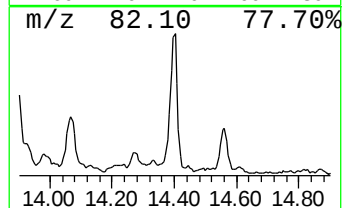
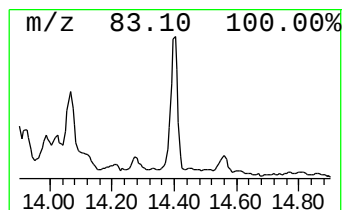
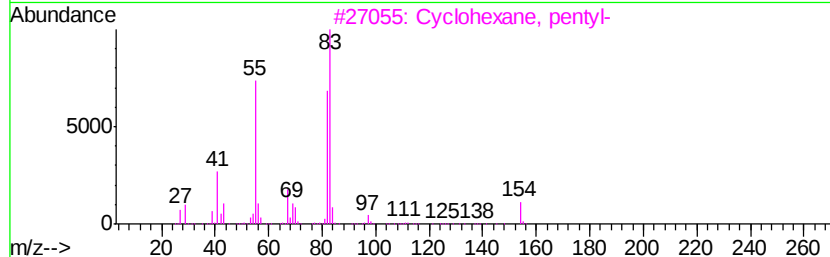
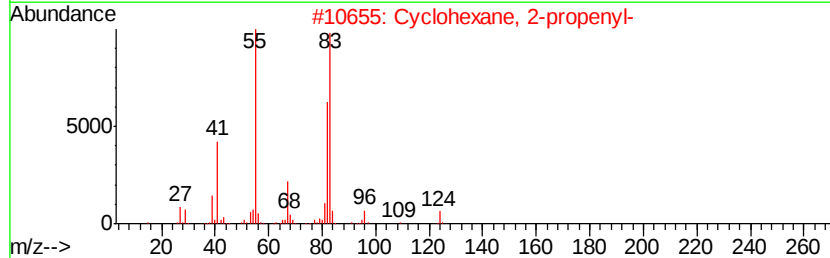
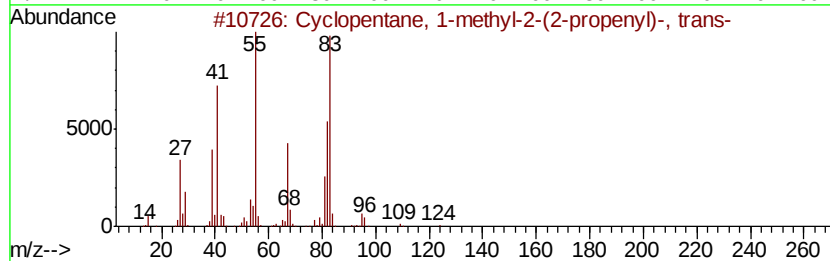
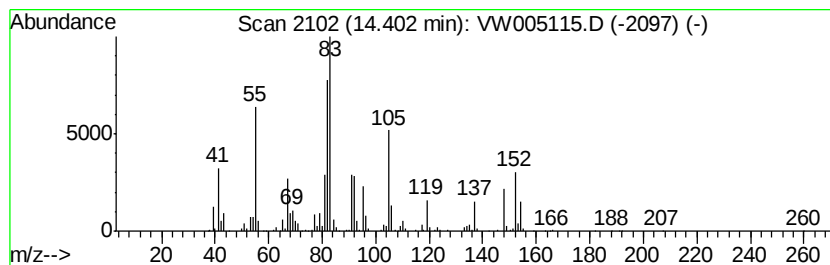
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown14.40 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	14.60 ug/l	754588	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	41
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005115.D
Acq On : 05 Sep 2018 08:06
Operator : SY/AP
Sample : J4693-07
Misc : 5.79G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-FD01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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
Octane, 2,6-dimet...	12.26	12.5	ug/l	645386	3	11.63	2587260	50.0
Cyclohexane, 1-et...	12.94	26.4	ug/l	1364880	4	13.57	2584250	50.0
Cyclohexane, 1-me...	13.00	12.7	ug/l	658510	4	13.57	2584250	50.0
Cyclohexane, butyl-	13.46	20.1	ug/l	1037770	4	13.57	2584250	50.0
Naphthalene, deca...	13.89	26.5	ug/l	1371940	4	13.57	2584250	50.0
Benzene, 1-ethyl-...	14.05	14.5	ug/l	751656	4	13.57	2584250	50.0
p-Cymene	14.21	12.6	ug/l	648789	4	13.57	2584250	50.0
unknown14.40	14.40	14.6	ug/l	754588	4	13.57	2584250	50.0