

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005111.D
 Acq On : 05 Sep 2018 06:24
 Operator : SY/AP
 Sample : J4693-03
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(15-20)

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	1.795	27	34	55	rVB	3945927	6728371	83.73%	5.071%
2	4.922	534	547	562	rBV2	32796	106164	1.32%	0.080%
3	7.678	988	999	1012	rBV	34711	88073	1.10%	0.066%
4	7.891	1023	1034	1039	rBV	255718	626276	7.79%	0.472%
5	7.952	1039	1044	1066	rVB	629129	1415826	17.62%	1.067%
6	8.312	1094	1103	1117	rVB	257001	571556	7.11%	0.431%
7	8.848	1181	1191	1212	rBV	984034	1995048	24.83%	1.504%
8	10.330	1426	1434	1449	rBV	1202945	2134966	26.57%	1.609%
9	10.762	1494	1505	1510	rBV5	56188	174645	2.17%	0.132%
10	10.854	1515	1520	1525	rVB	66566	111337	1.39%	0.084%
11	10.939	1525	1534	1541	rBV	297066	503494	6.27%	0.379%
12	11.043	1541	1551	1559	rBV2	170566	383783	4.78%	0.289%
13	11.116	1559	1563	1566	rBV2	69413	104220	1.30%	0.079%
14	11.238	1575	1583	1588	rBV	588244	1092971	13.60%	0.824%
15	11.287	1588	1591	1595	rVV	83711	133428	1.66%	0.101%
16	11.342	1595	1600	1604	rVV2	390651	680341	8.47%	0.513%
17	11.409	1604	1611	1614	rVV	368774	812015	10.11%	0.612%
18	11.439	1614	1616	1623	rVB	362156	525143	6.54%	0.396%
19	11.518	1623	1629	1635	rBV	707239	1162243	14.46%	0.876%
20	11.634	1641	1648	1658	rBV	1609096	2824643	35.15%	2.129%
21	11.768	1666	1670	1673	rBV	215698	339622	4.23%	0.256%
22	11.823	1673	1679	1683	rVB4	344783	714369	8.89%	0.538%
23	11.878	1683	1688	1692	rBV	864144	1498343	18.65%	1.129%
24	11.921	1692	1695	1700	rVB2	655498	1062838	13.23%	0.801%
25	11.982	1700	1705	1708	rBV2	208271	397136	4.94%	0.299%
26	12.067	1712	1719	1724	rVB3	486528	909469	11.32%	0.685%
27	12.146	1724	1732	1737	rBV3	1636919	3622163	45.08%	2.730%
28	12.195	1737	1740	1743	rVB2	221296	244424	3.04%	0.184%
29	12.256	1743	1750	1755	rVB	3214558	5235074	65.15%	3.945%
30	12.372	1755	1769	1775	rBV4	2343119	8035540	100.00%	6.056%
31	12.463	1780	1784	1785	rBV3	368934	489888	6.10%	0.369%
32	12.512	1787	1792	1795	rVV3	1088827	2183280	27.17%	1.645%
33	12.549	1795	1798	1805	rVB	2354615	3566123	44.38%	2.688%
34	12.628	1805	1811	1816	rVB2	1533020	2508839	31.22%	1.891%

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Integration Parameters: RTEINT.P

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35	12.707	1816	1824	1828	rBV5	795443	1930485	24.02%	1.455%
36	12.750	1828	1831	1833	rBV2	232064	321065	4.00%	0.242%
37	12.786	1833	1837	1844	rVB3	2327248	4420606	55.01%	3.332%
38	12.866	1844	1850	1855	rBV5	1027810	2326728	28.96%	1.754%
39	12.945	1855	1863	1868	rBV4	3012563	7674300	95.50%	5.784%
40	13.000	1868	1872	1877	rVB4	1690779	2889241	35.96%	2.177%
41	13.049	1877	1880	1882	rBV2	258348	374629	4.66%	0.282%
42	13.085	1882	1886	1890	rBV	1347167	1931234	24.03%	1.455%
43	13.134	1890	1894	1896	rBV3	1127719	1726256	21.48%	1.301%
44	13.171	1896	1900	1907	rVB	5004582	7503413	93.38%	5.655%
45	13.256	1909	1914	1919	rVB	2912042	4343282	54.05%	3.273%
46	13.299	1919	1921	1925	rVB	837865	951329	11.84%	0.717%
47	13.353	1926	1930	1933	rBV2	1142706	1742636	21.69%	1.313%
48	13.384	1933	1935	1939	rVB2	877258	1089239	13.56%	0.821%
49	13.451	1939	1946	1950	rBV4	2888137	5795065	72.12%	4.367%
50	13.494	1950	1953	1957	rVB4	1270363	1704692	21.21%	1.285%
51	13.567	1961	1965	1967	rBV	1163964	1724535	21.46%	1.300%
52	13.707	1983	1988	1993	rBV4	742372	1876995	23.36%	1.415%
53	13.756	1993	1996	2000	rVV	1218929	1730742	21.54%	1.304%
54	13.805	2000	2004	2012	rVV3	820527	1761400	21.92%	1.327%
55	13.884	2012	2017	2022	rVV3	2339975	4219739	52.51%	3.180%
56	13.926	2022	2024	2029	rVV2	725160	936331	11.65%	0.706%
57	13.987	2030	2034	2036	rVV4	610438	976280	12.15%	0.736%
58	14.018	2036	2039	2041	rVV	1154412	1738445	21.63%	1.310%
59	14.048	2041	2044	2049	rVV4	1404334	2587232	32.20%	1.950%
60	14.103	2049	2053	2058	rVB	1386683	2075498	25.83%	1.564%
61	14.213	2065	2071	2076	rVB3	1236253	2113257	26.30%	1.593%
62	14.274	2076	2081	2087	rVV6	411479	1084647	13.50%	0.817%
63	14.347	2087	2093	2097	rVV2	540384	1139873	14.19%	0.859%
64	14.396	2097	2101	2104	rVV2	1138663	1956922	24.35%	1.475%
65	14.426	2104	2106	2109	rVV	631604	901418	11.22%	0.679%
66	14.463	2109	2112	2116	rVV	877642	1307980	16.28%	0.986%
67	14.512	2116	2120	2123	rVV	346293	464271	5.78%	0.350%
68	14.554	2123	2127	2134	rVV4	527351	927802	11.55%	0.699%
69	14.615	2134	2137	2138	rVV3	90017	103313	1.29%	0.078%
70	14.652	2140	2143	2147	rVB	268295	378319	4.71%	0.285%
71	14.701	2147	2151	2154	rBV4	139083	253300	3.15%	0.191%

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Start Thrs: 0.2 Max Peaks: 100
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72	14.743	2154	2158	2162	rVB	287537	426308	5.31%	0.321%
73	14.804	2162	2168	2174	rBV2	785408	1540038	19.17%	1.161%
74	14.865	2174	2178	2184	rVB2	168421	293033	3.65%	0.221%
75	15.079	2209	2213	2216	rBV3	99722	149997	1.87%	0.113%
76	15.182	2225	2230	2237	rVB4	135144	316140	3.93%	0.238%

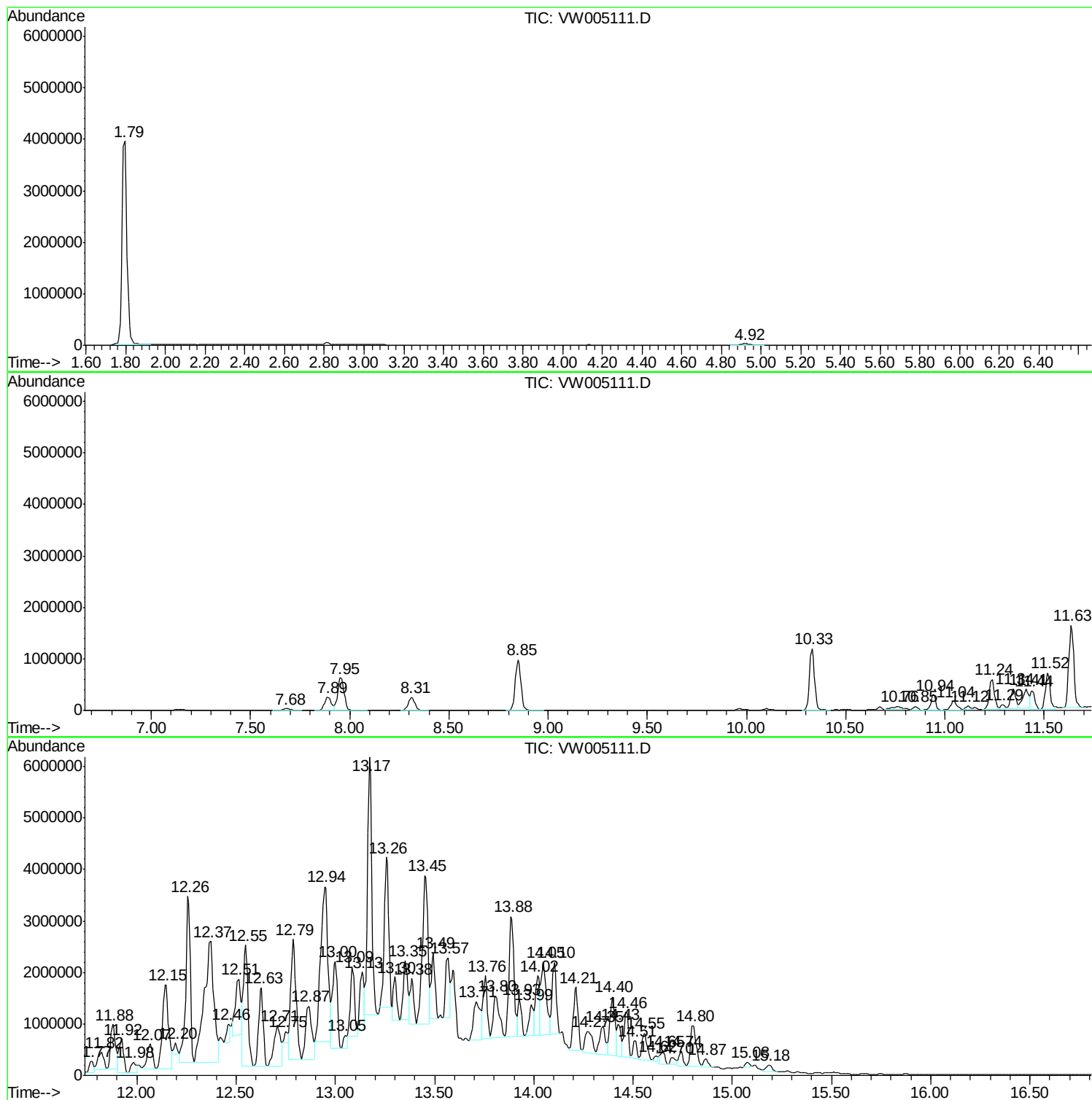
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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



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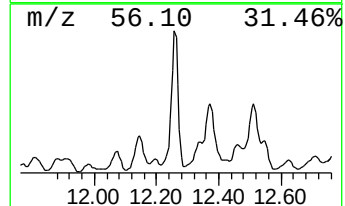
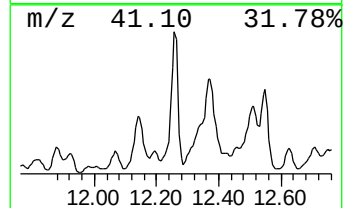
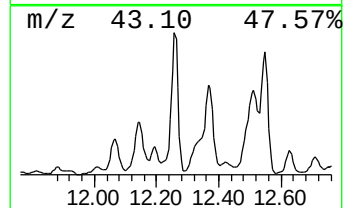
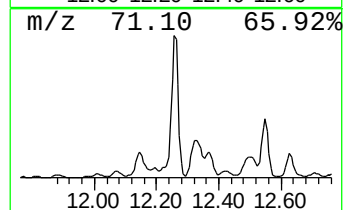
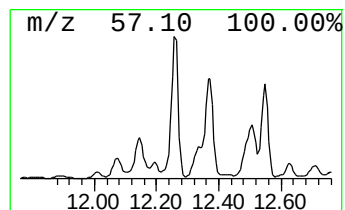
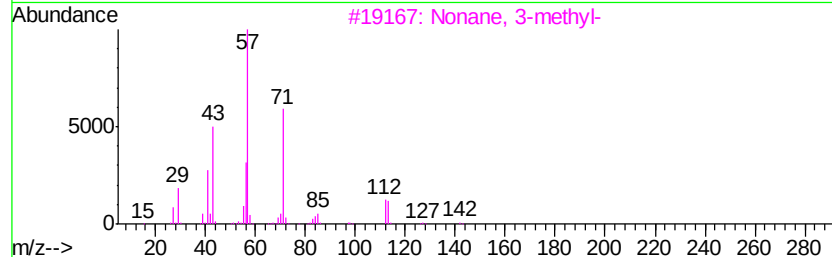
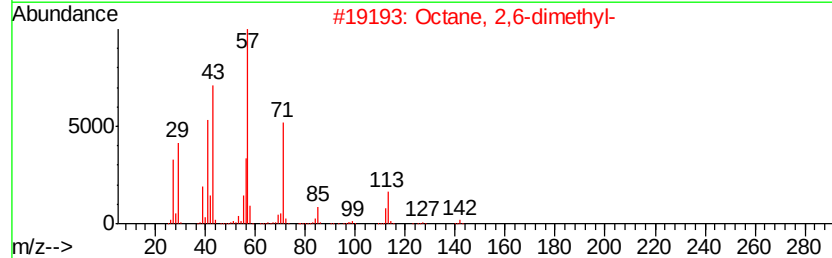
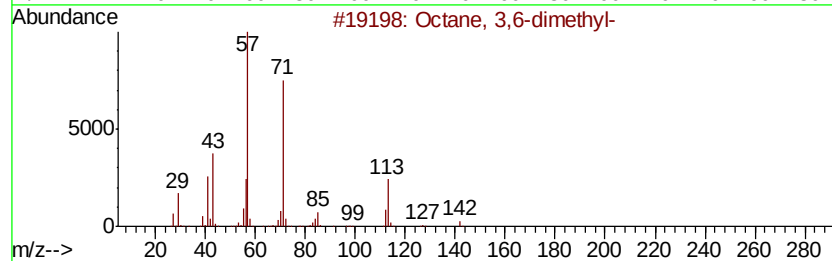
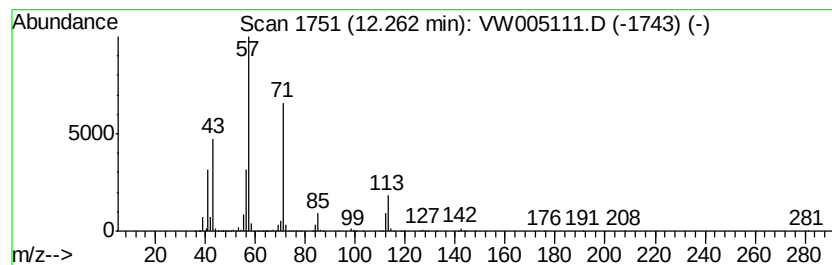
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(15-20)

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 2 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.26	92.67 ug/l	5235070	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



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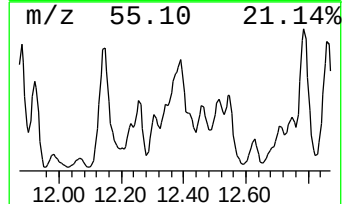
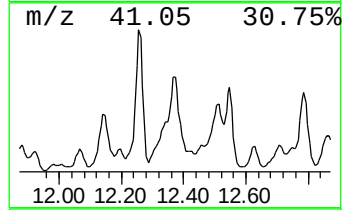
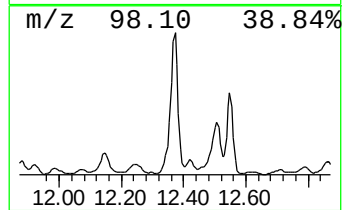
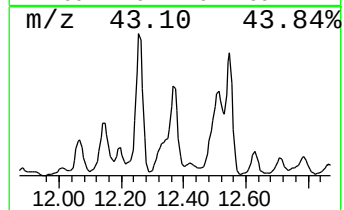
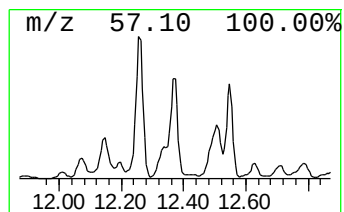
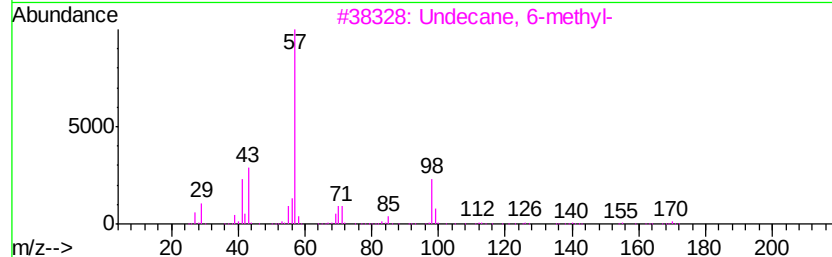
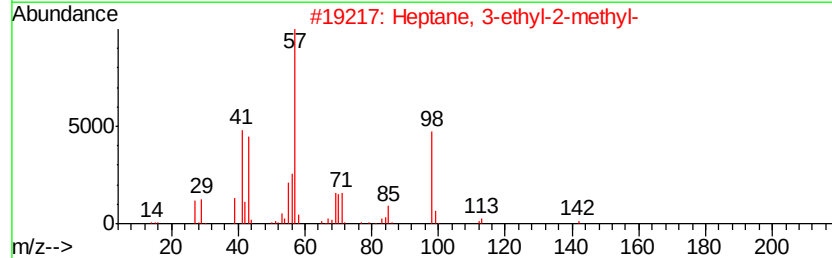
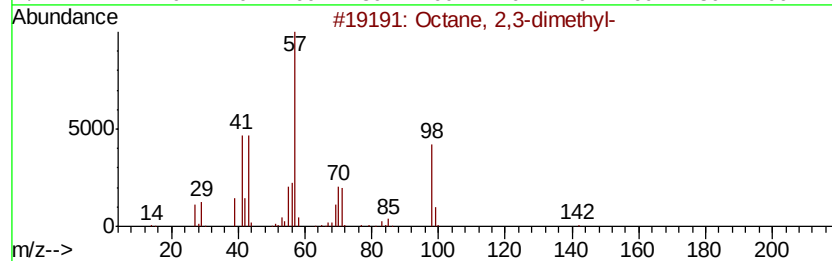
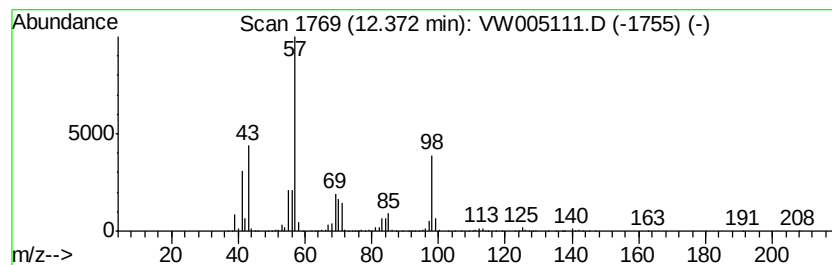
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	142.24 ug/l	8035540	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	87
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
5		3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	43



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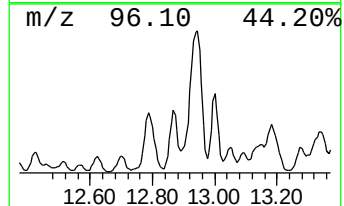
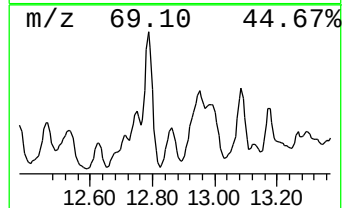
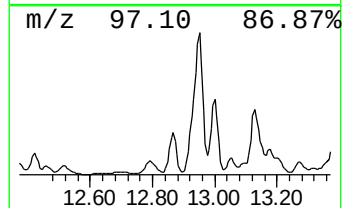
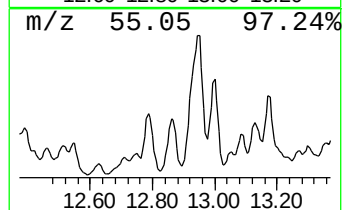
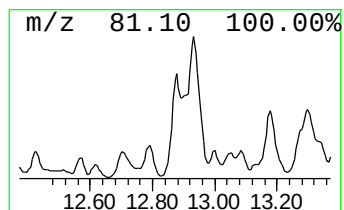
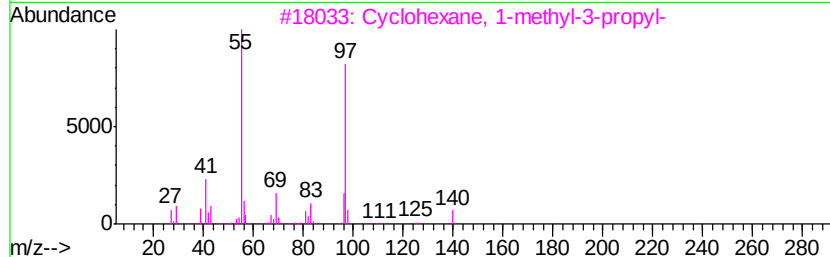
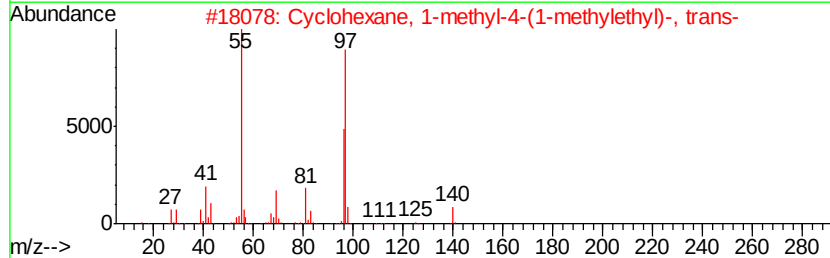
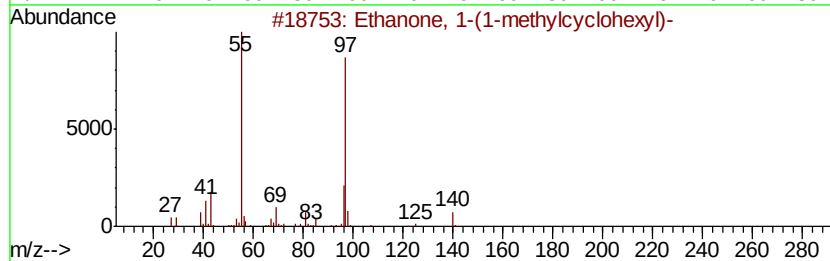
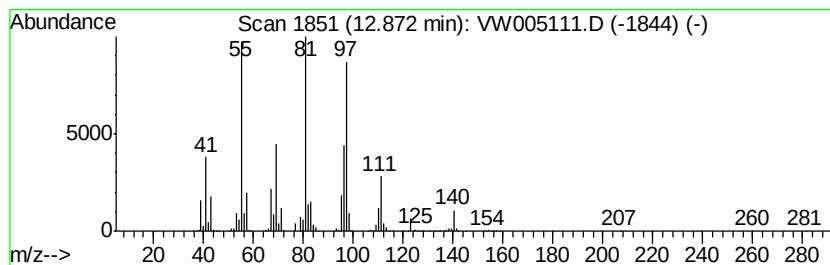
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Quant Title : SW846 8260

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

Peak Number 4 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	67.46 ug/l	2326730	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
2		Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	58
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
5		Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	53



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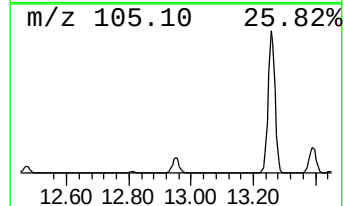
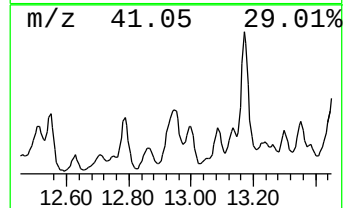
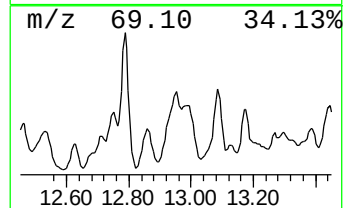
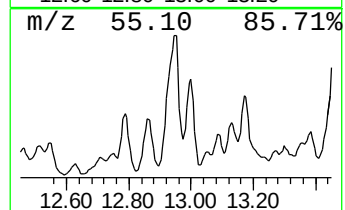
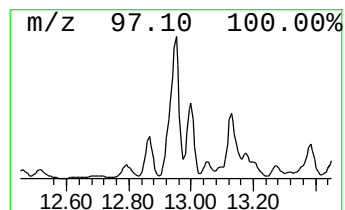
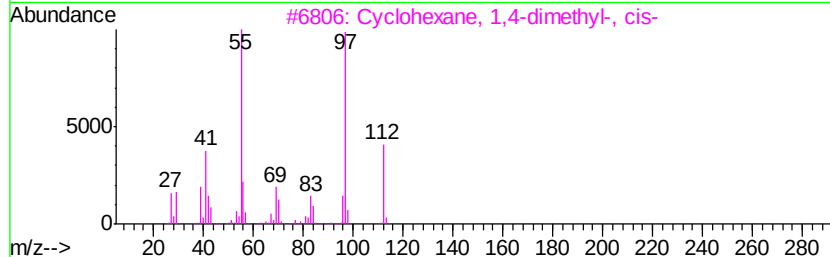
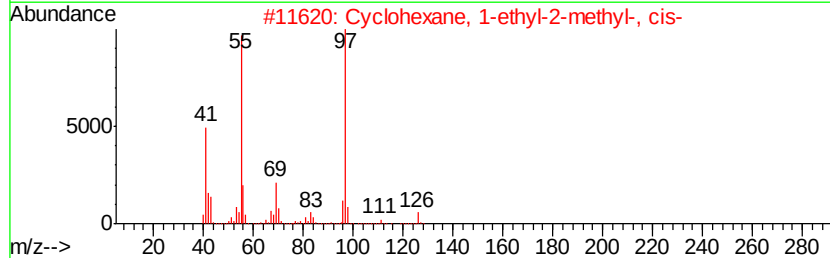
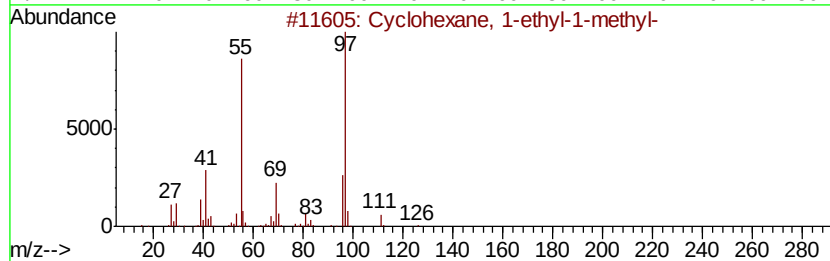
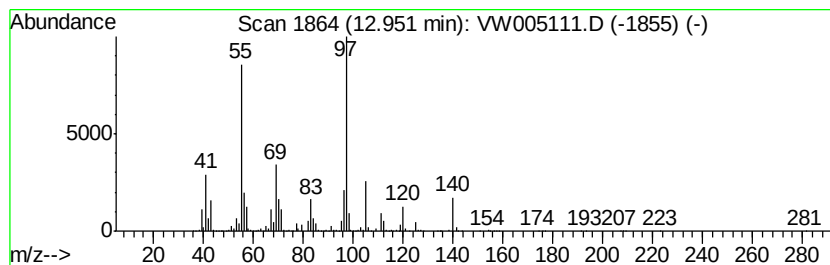
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.95 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	222.50 ug/l	7674300	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	49
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	47
3		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	47
4		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	47
5		2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

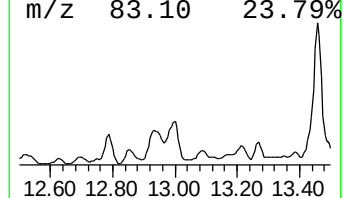
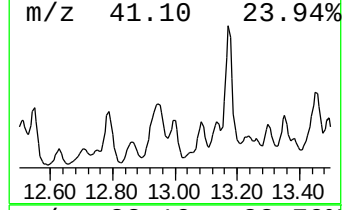
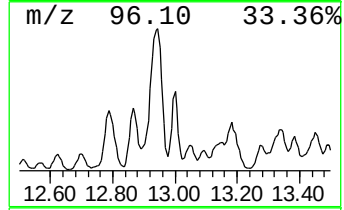
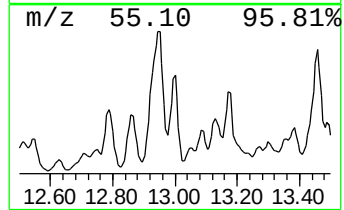
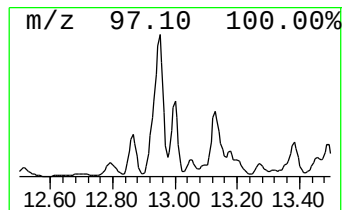
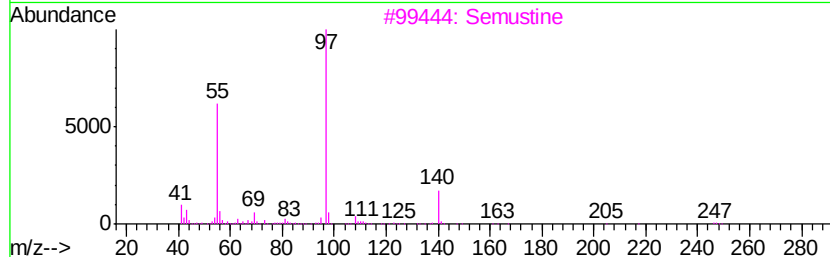
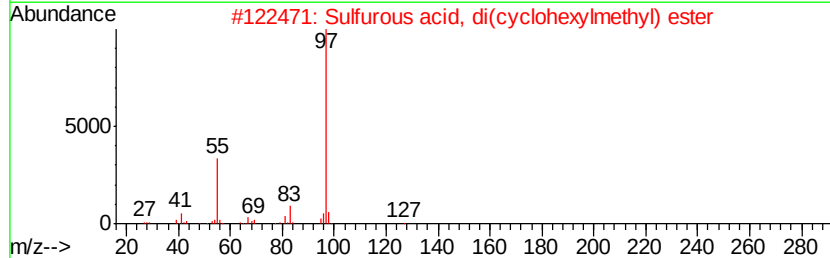
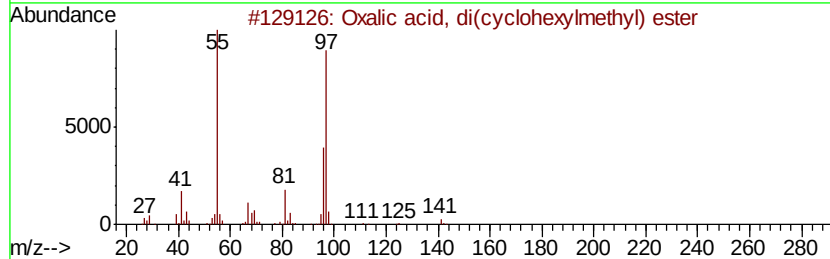
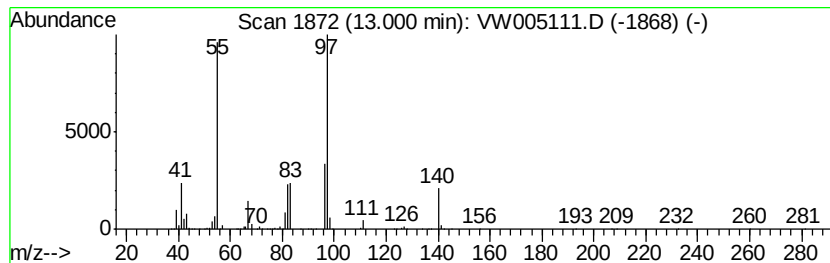
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

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 6 Oxalic acid, di(cyclohexylm... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	83.77 ug/l	2889240	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxalic acid, di(cvclohexylmethvl...	282 C16H26O4	1000309-68-5	53
2	Sulfurous acid, di(cvclohexylmet...	274 C14H26O3S	1000309-22-7	50
3	Semustine	247 C10H18ClN3O2	013909-09-6	47
4	cis-2-Oxabicyclo[4.4.0]decane	140 C9H16O	060416-19-5	47
5	Cyclohexane, 1-bromo-4-methyl-	176 C7H13Br	006294-40-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

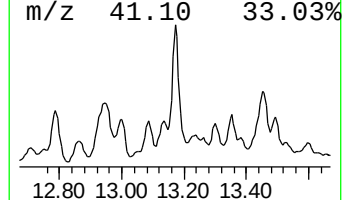
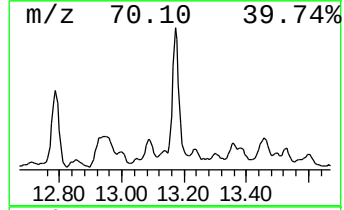
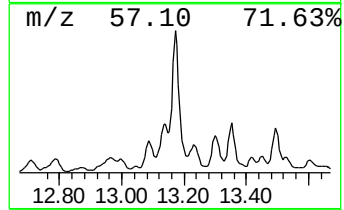
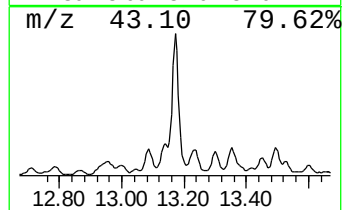
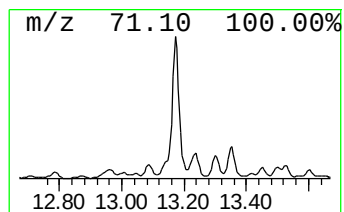
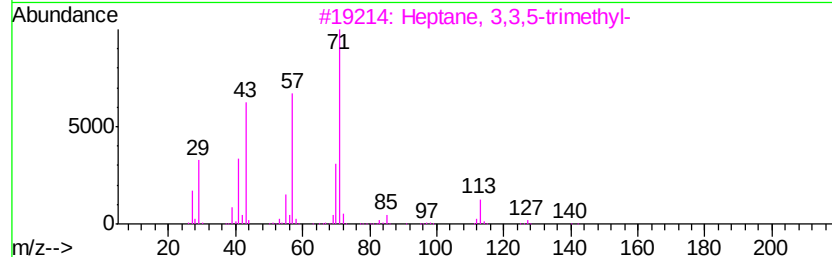
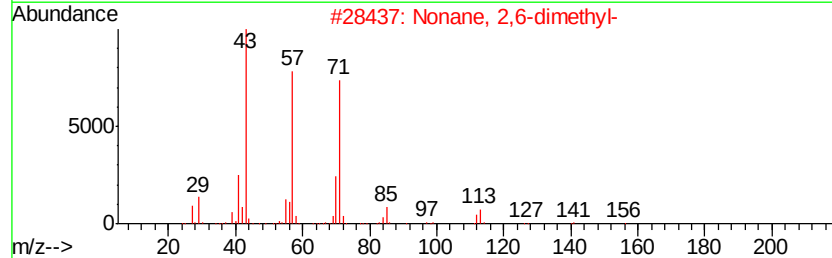
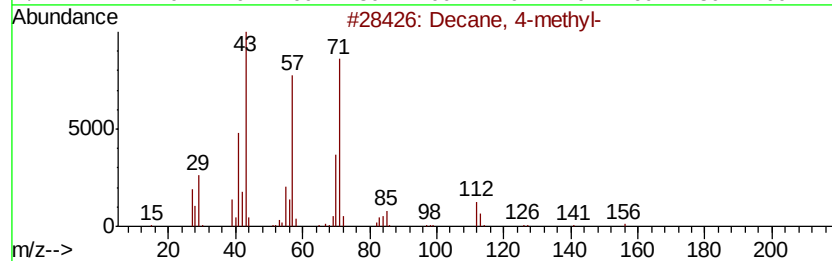
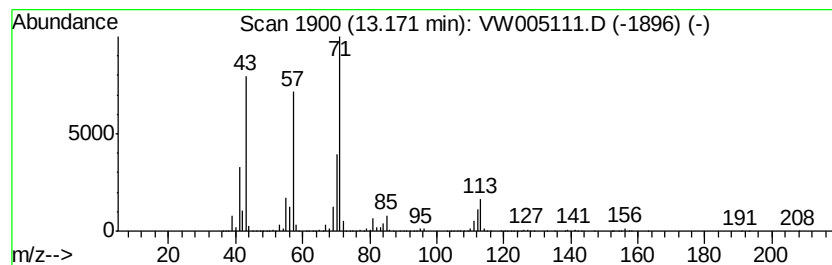
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Quant Title : SW846 8260

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

Peak Number 7 Decane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	217.55 ug/l	7503410	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	86
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

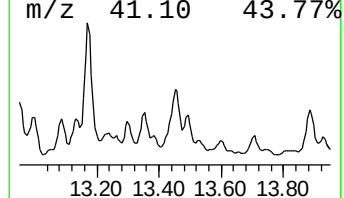
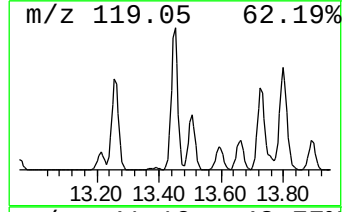
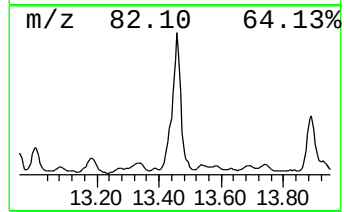
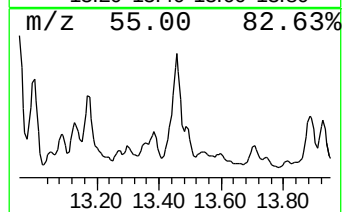
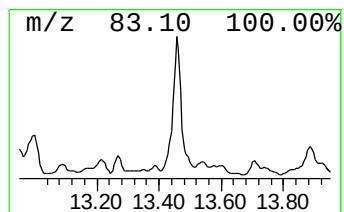
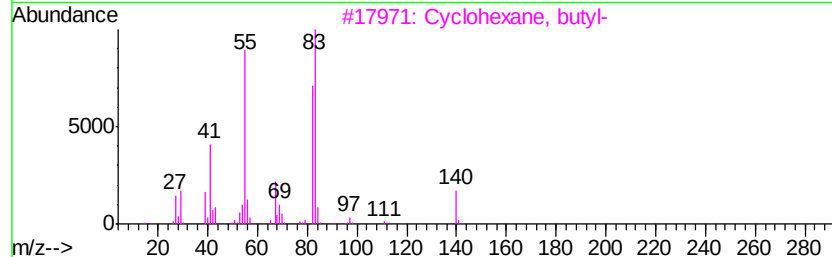
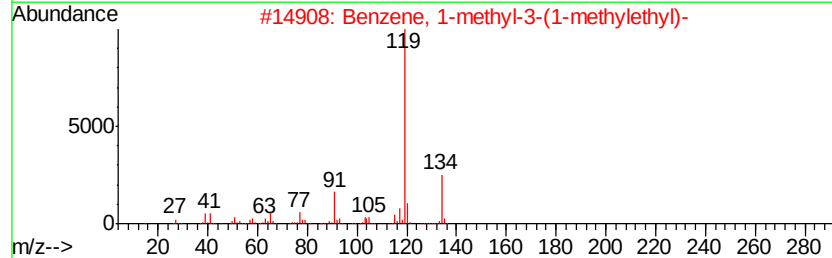
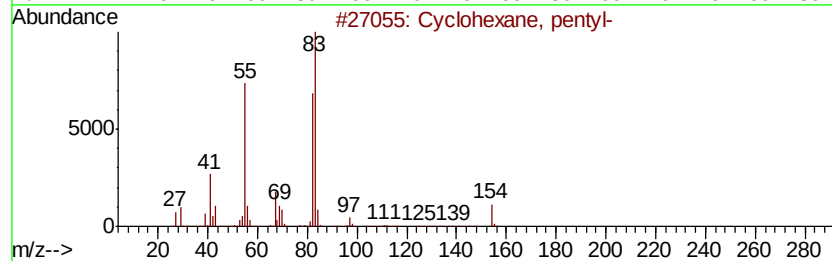
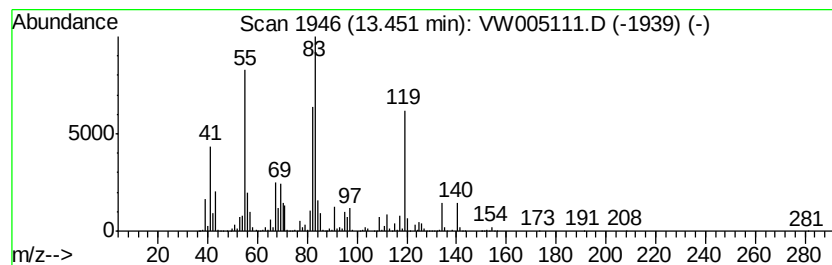
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	168.02 ug/l	5795070	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	56
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	52
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

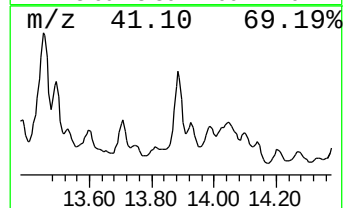
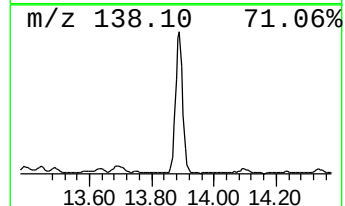
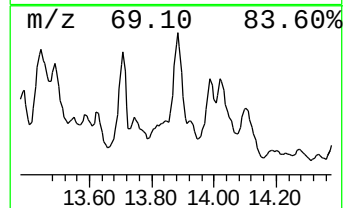
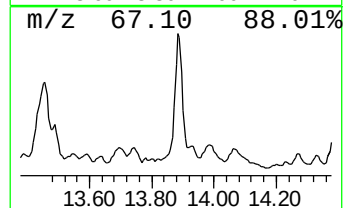
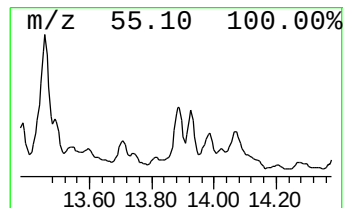
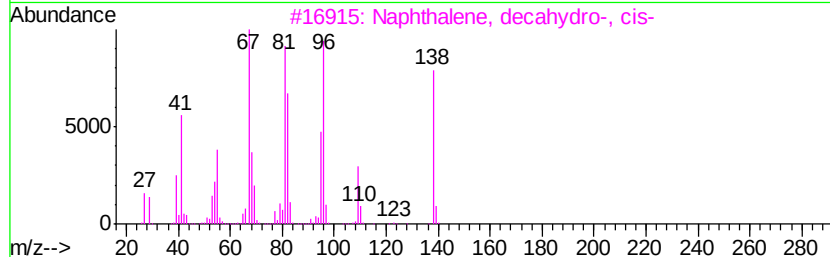
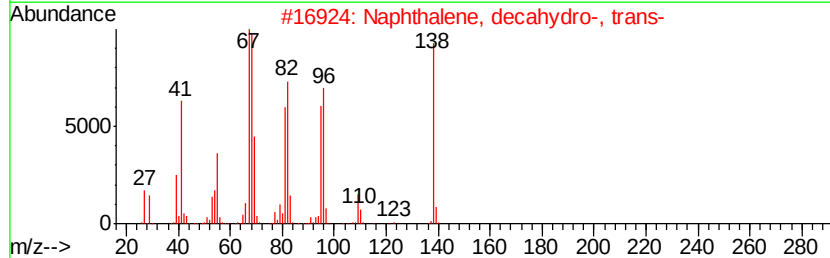
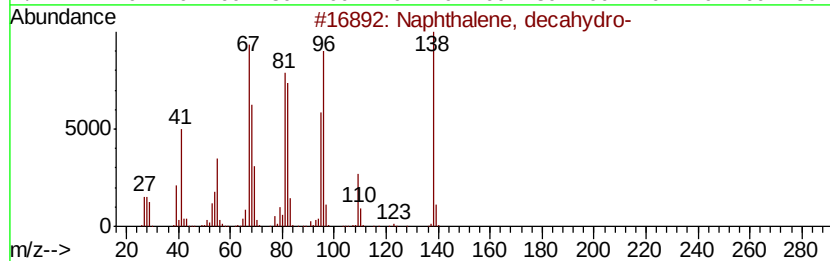
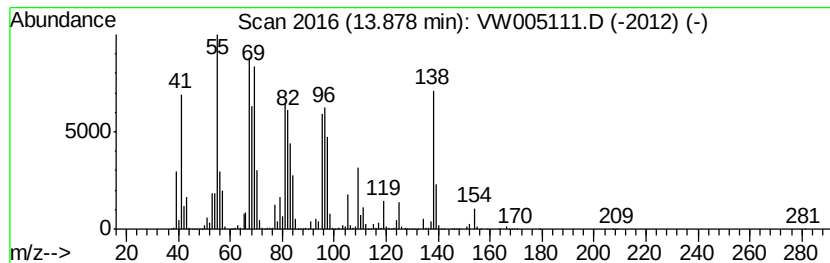
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

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 9 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	122.34 ug/l	4219740	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-	138 C10H18	000091-17-8 96
2		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 92
3		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 91
4		Spiro[4.5]decane	138 C10H18	000176-63-6 70
5		Cyclodecene	138 C10H18	003618-12-0 58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

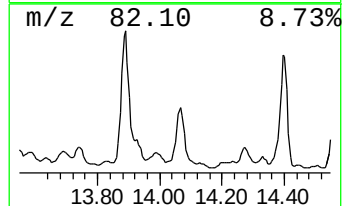
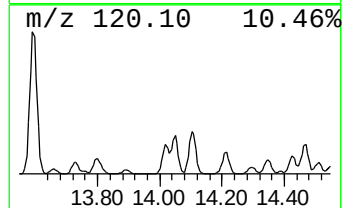
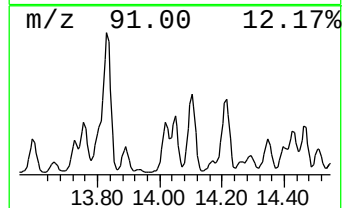
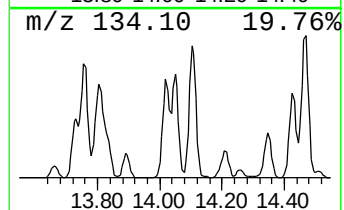
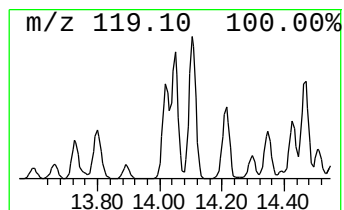
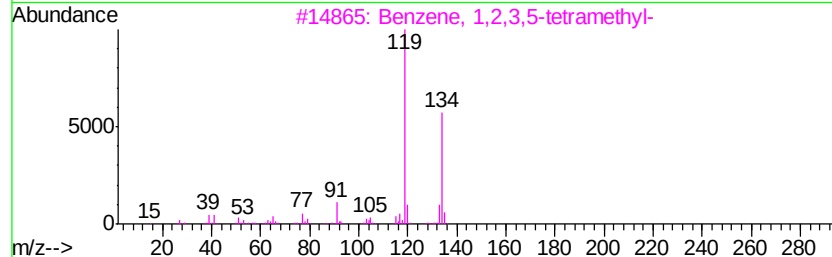
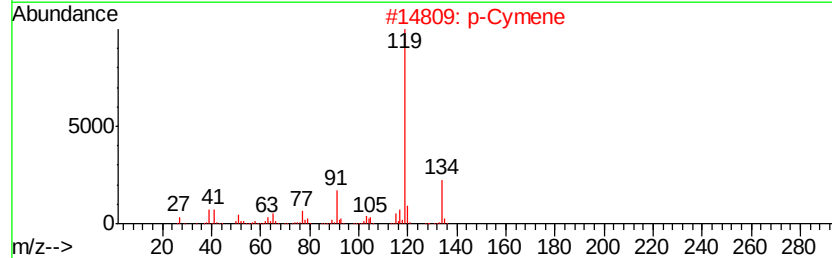
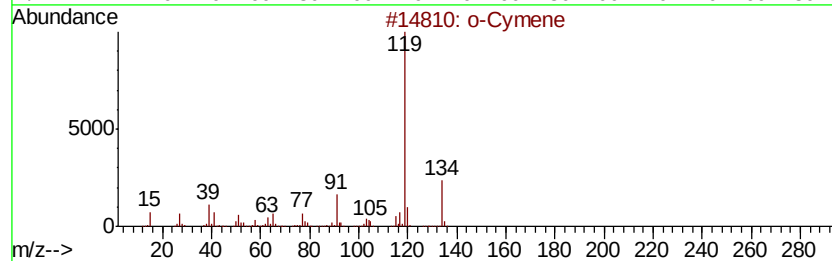
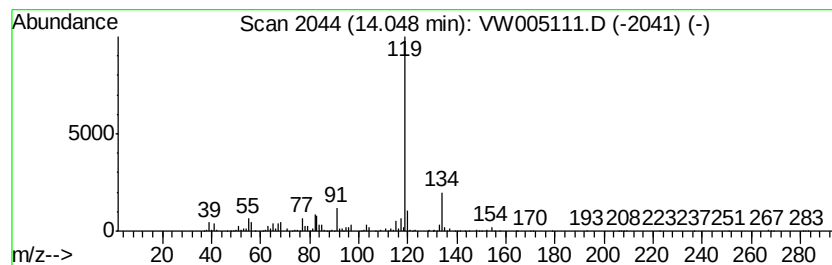
Instrument :
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ClientSampleId :
EP1-MW-E(15-20)

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 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	75.01 ug/l	2587230	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 94
2		p-Cymene	134 C10H14	000099-87-6 94
3		Benzene, 1,2,3,5-tetramethyl-	134 C10H14	000527-53-7 93
4		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 93
5		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005111.D
Acq On : 05 Sep 2018 06:24
Operator : SY/AP
Sample : J4693-03
Misc : 5.60G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(15-20)

Quant Method : Z:\VOASRV\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, 3,6-dimet...	12.26	92.7	ug/l	5235070	3	11.63	2824640	50.0
Octane, 2,3-dimet...	12.37	142.2	ug/l	8035540	3	11.63	2824640	50.0
Ethanone, 1-(1-me...	12.87	67.5	ug/l	2326730	4	13.57	1724540	50.0
unknown12.95	12.95	222.5	ug/l	7674300	4	13.57	1724540	50.0
Oxalic acid, di(c...	13.00	83.8	ug/l	2889240	4	13.57	1724540	50.0
Decane, 4-methyl-	13.17	217.6	ug/l	7503410	4	13.57	1724540	50.0
Cyclohexane, pentyl-	13.45	168.0	ug/l	5795070	4	13.57	1724540	50.0
Naphthalene, deca...	13.88	122.3	ug/l	4219740	4	13.57	1724540	50.0
o-Cymene	14.05	75.0	ug/l	2587230	4	13.57	1724540	50.0