

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005196.D
 Acq On : 07 Sep 2018 07:12
 Operator : SY/AP
 Sample : J4693-19
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(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	4.135	357	366	379	rBV	16747	48807	1.65%	0.089%
2	4.922	483	495	507	rBV2	39955	133563	4.53%	0.244%
3	7.147	848	860	874	rBV2	28009	90739	3.08%	0.166%
4	7.683	937	948	957	rBV	36098	90728	3.08%	0.166%
5	7.891	970	982	987	rBV	302302	706264	23.94%	1.289%
6	7.958	987	993	1006	rVB	541444	1205574	40.86%	2.200%
7	8.311	1038	1051	1064	rBV	310835	686489	23.27%	1.253%
8	8.848	1130	1139	1149	rBV	815440	1613206	54.68%	2.944%
9	10.329	1374	1382	1391	rBV	1453521	2544437	86.24%	4.644%
10	10.671	1434	1438	1441	rBV2	18886	31072	1.05%	0.057%
11	10.719	1441	1446	1448	rBV2	36796	64877	2.20%	0.118%
12	10.854	1464	1468	1474	rVB2	20001	32352	1.10%	0.059%
13	10.939	1474	1482	1489	rVB	83415	146614	4.97%	0.268%
14	11.043	1491	1499	1507	rBV	51048	121455	4.12%	0.222%
15	11.116	1507	1511	1515	rBV2	21657	34731	1.18%	0.063%
16	11.238	1524	1531	1536	rBV	184968	343114	11.63%	0.626%
17	11.293	1536	1540	1543	rVV2	29698	48234	1.63%	0.088%
18	11.347	1543	1549	1553	rVV2	124936	227438	7.71%	0.415%
19	11.408	1553	1559	1562	rVV	123669	264790	8.97%	0.483%
20	11.439	1562	1564	1571	rVB2	127761	195204	6.62%	0.356%
21	11.518	1571	1577	1583	rBV	242421	390580	13.24%	0.713%
22	11.640	1589	1597	1606	rBV	1243293	2180720	73.91%	3.980%
23	11.768	1614	1618	1621	rBV2	82265	125272	4.25%	0.229%
24	11.823	1621	1627	1631	rVB5	121097	236979	8.03%	0.433%
25	11.878	1631	1636	1640	rBV	308033	544254	18.45%	0.993%
26	11.920	1640	1643	1649	rVB3	239187	406673	13.78%	0.742%
27	11.981	1649	1653	1660	rBV3	76094	197849	6.71%	0.361%
28	12.067	1660	1667	1672	rVB3	173231	332681	11.28%	0.607%
29	12.146	1672	1680	1686	rBV3	624837	1397722	47.37%	2.551%
30	12.195	1686	1688	1691	rVB2	78624	79468	2.69%	0.145%
31	12.262	1691	1699	1703	rVB	1093064	1801611	61.06%	3.288%
32	12.372	1703	1717	1723	rBV4	869167	2950453	100.00%	5.385%
33	12.463	1728	1732	1734	rVV5	153015	241449	8.18%	0.441%
34	12.512	1736	1740	1743	rVV3	436340	837171	28.37%	1.528%

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Integration Parameters: RTEINT.P

Integrator: RTE
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 Sampling : 1
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35	12.548	1743	1746	1752	rVB	940451	1427778	48.39%	2.606%
36	12.628	1752	1759	1764	rBV2	1393148	2343706	79.44%	4.277%
37	12.707	1764	1772	1776	rBV5	288747	672415	22.79%	1.227%
38	12.756	1776	1780	1781	rBV3	94431	124834	4.23%	0.228%
39	12.786	1781	1785	1792	rVB3	1080412	1963455	66.55%	3.583%
40	12.865	1792	1798	1803	rBV4	447590	1051438	35.64%	1.919%
41	12.945	1803	1811	1816	rBV4	1106901	2875077	97.45%	5.247%
42	13.000	1817	1820	1825	rVB2	688870	1051980	35.65%	1.920%
43	13.054	1825	1829	1830	rBV3	89870	124580	4.22%	0.227%
44	13.085	1830	1834	1838	rBV2	576018	838588	28.42%	1.530%
45	13.134	1838	1842	1844	rBV3	441651	656637	22.26%	1.198%
46	13.176	1844	1849	1855	rVB	1853235	2900204	98.30%	5.293%
47	13.268	1861	1864	1866	rBV3	119904	146863	4.98%	0.268%
48	13.298	1866	1869	1873	rVV	380173	585746	19.85%	1.069%
49	13.353	1874	1878	1881	rVV2	491469	862438	29.23%	1.574%
50	13.390	1881	1884	1887	rVV2	466091	699711	23.72%	1.277%
51	13.457	1887	1895	1898	rVV4	1123330	2394266	81.15%	4.370%
52	13.493	1898	1901	1906	rVV3	710827	1180772	40.02%	2.155%
53	13.567	1908	1913	1922	rVB	1396572	2445291	82.88%	4.463%
54	13.713	1931	1937	1949	rVB6	387162	1260156	42.71%	2.300%
55	13.810	1949	1953	1960	rBV2	306193	689367	23.36%	1.258%
56	13.890	1960	1966	1970	rBV2	1213513	2109460	71.50%	3.850%
57	13.926	1970	1972	1977	rVB2	280798	372260	12.62%	0.679%
58	13.987	1978	1982	1984	rBV3	236803	360487	12.22%	0.658%
59	14.024	1984	1988	1990	rBV	253946	340652	11.55%	0.622%
60	14.103	1998	2001	2006	rVB2	323658	473845	16.06%	0.865%
61	14.213	2013	2019	2025	rVB3	436034	866420	29.37%	1.581%
62	14.286	2025	2031	2035	rBV5	219941	476901	16.16%	0.870%
63	14.396	2045	2049	2053	rBV2	458283	751625	25.47%	1.372%
64	14.469	2058	2061	2065	rVB	367404	475668	16.12%	0.868%
65	14.511	2065	2068	2071	rVB	106800	123261	4.18%	0.225%
66	14.560	2071	2076	2082	rVB4	210104	377098	12.78%	0.688%
67	14.633	2082	2088	2095	rVB3	103740	350935	11.89%	0.640%
68	14.707	2095	2100	2103	rBV5	75097	158275	5.36%	0.289%
69	14.743	2103	2106	2111	rVB2	139362	204859	6.94%	0.374%
70	14.798	2111	2115	2122	rBV3	106746	205936	6.98%	0.376%
71	14.865	2122	2126	2132	rVB3	93623	182052	6.17%	0.332%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	15.078	2157	2161	2165	rBV4	45422	62315	2.11%	0.114%
73	15.182	2174	2178	2185	rVB3	70530	160007	5.42%	0.292%
74	15.334	2199	2203	2210	rVB7	16767	34888	1.18%	0.064%
75	15.517	2229	2233	2240	rVB	30565	57253	1.94%	0.104%

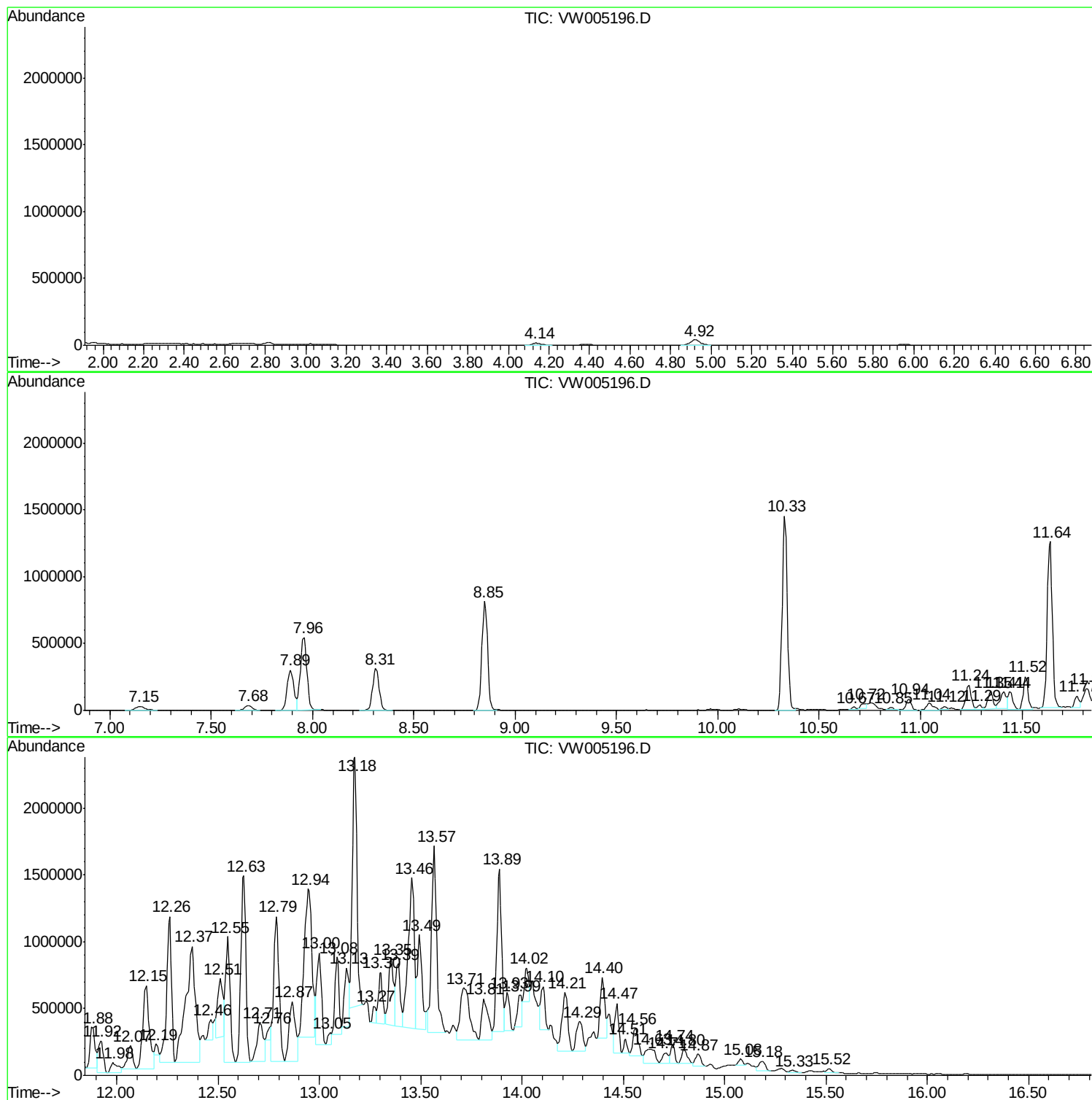
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Instrument :
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ClientSampleId :
EP1-MW-G(15-20)

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



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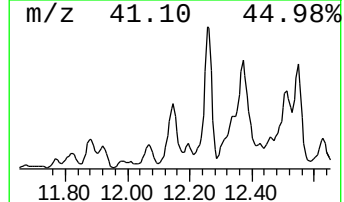
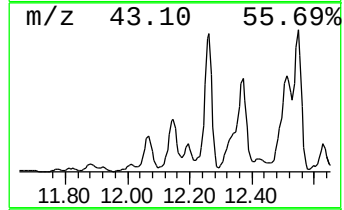
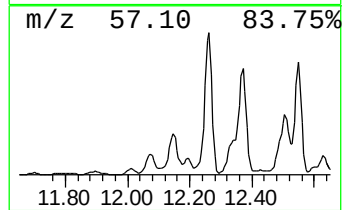
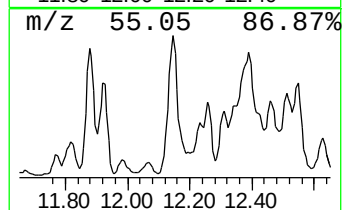
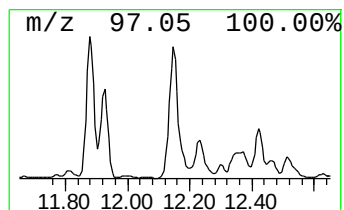
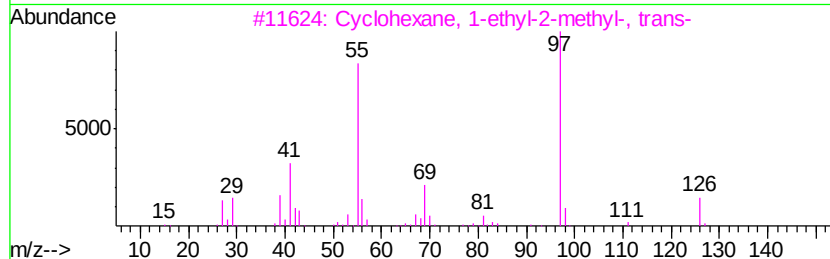
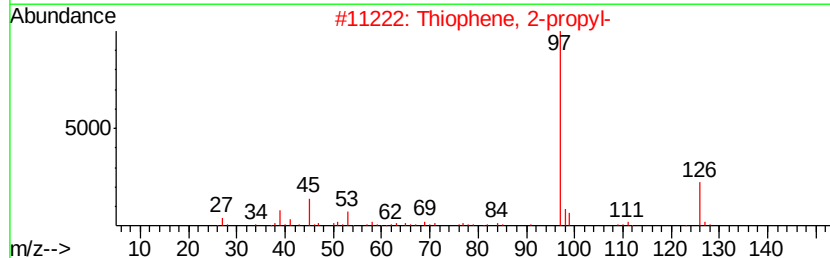
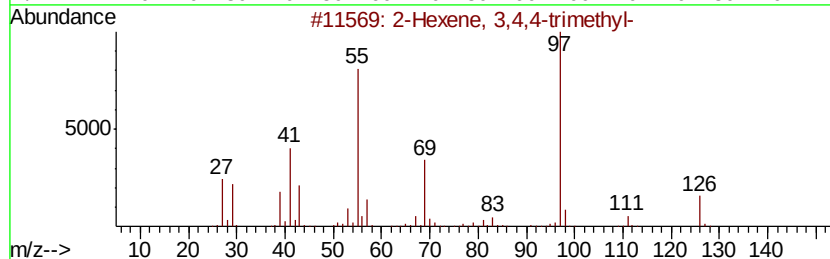
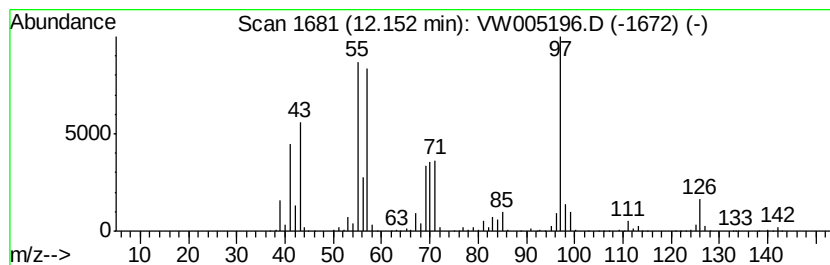
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(15-20)

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 1 unknown12.15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.15	32.05 ug/l	1397720	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-		126	C9H18	053941-19-8	43
2	Thiophene, 2-propyl-		126	C7H10S	001551-27-5	43
3	Cyclohexane, 1-ethyl-2-methyl-, ...		126	C9H18	004923-78-8	41
4	Furan, 2,3-dihydro-4-(1-methylpr...		126	C8H14O	034379-54-9	38
5	Cyclohexane, 1-ethyl-4-methyl-, ...		126	C9H18	006236-88-0	38



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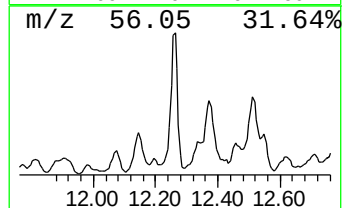
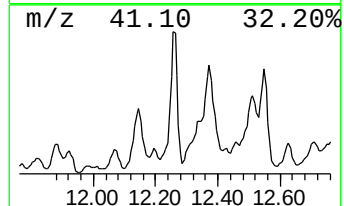
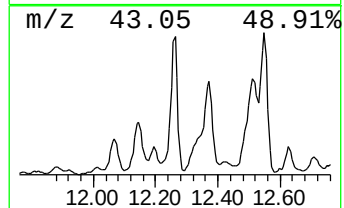
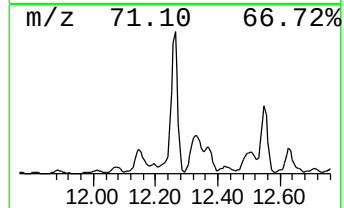
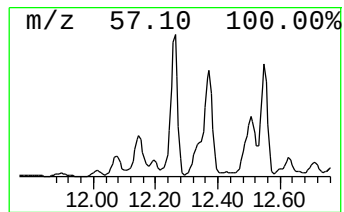
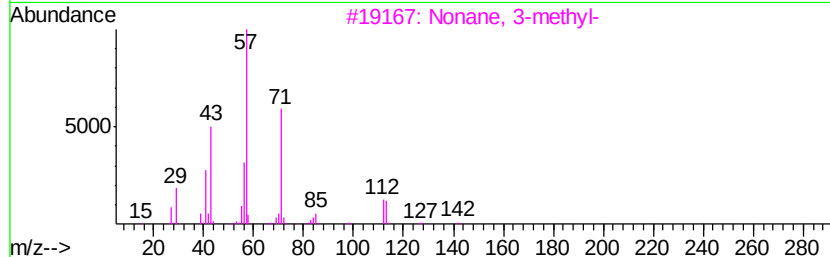
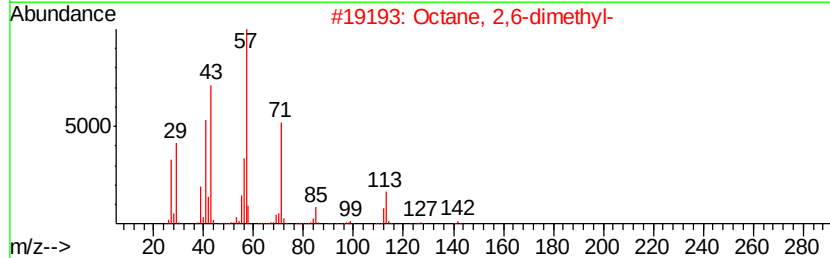
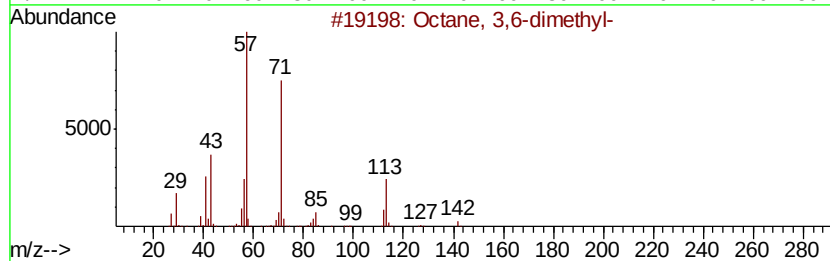
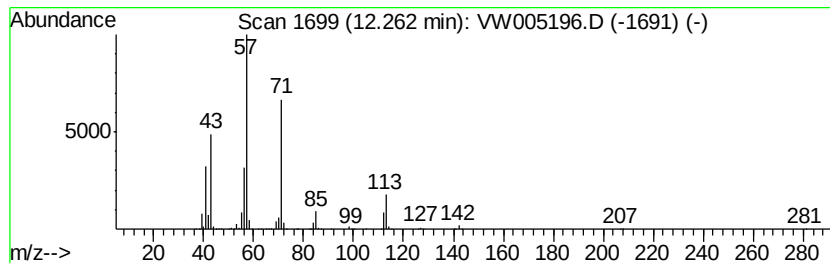
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	41.31 ug/l	1801610	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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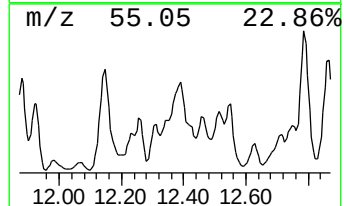
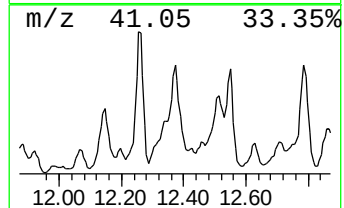
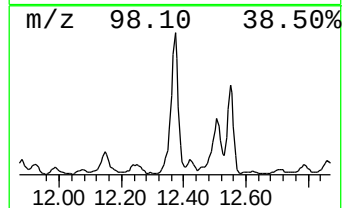
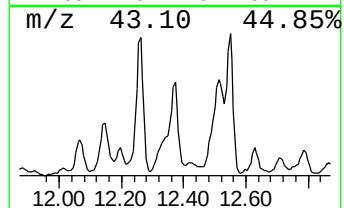
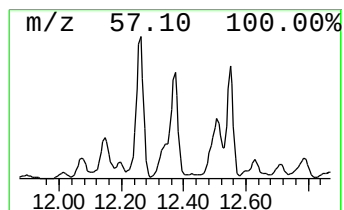
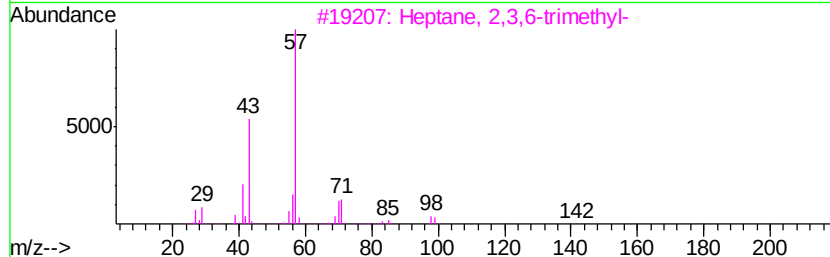
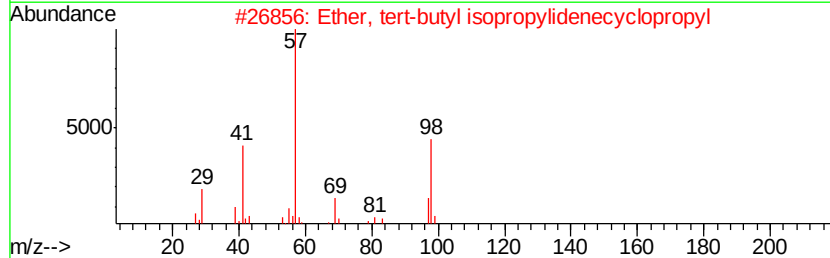
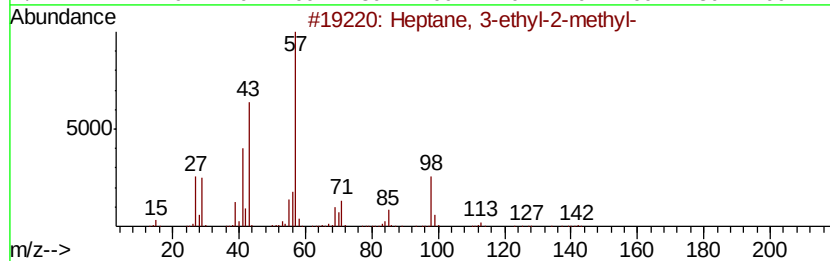
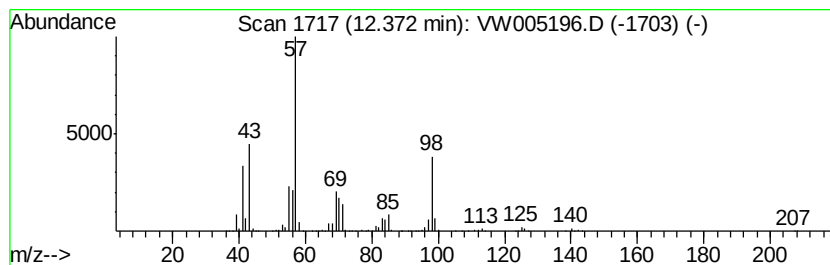
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.37	67.65 ug/l	2950450	Chlorobenzene-d5	11.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86	
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	47	
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47	
4	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	47	
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	43	



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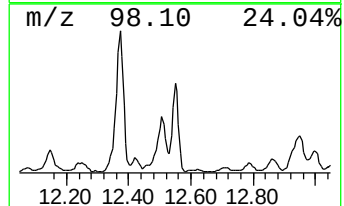
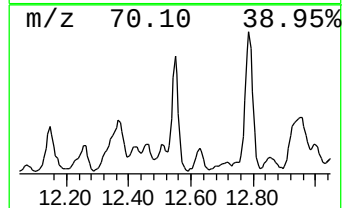
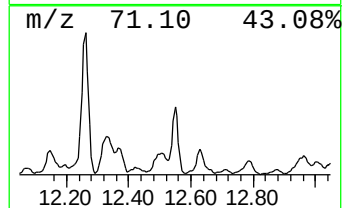
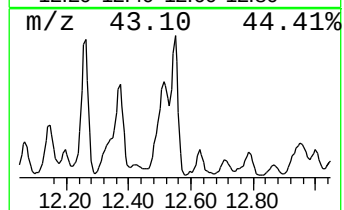
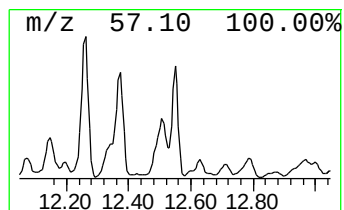
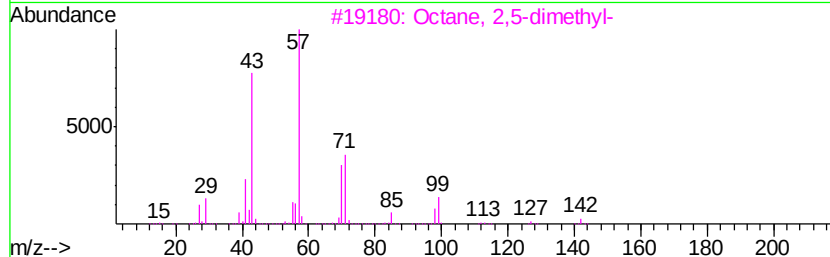
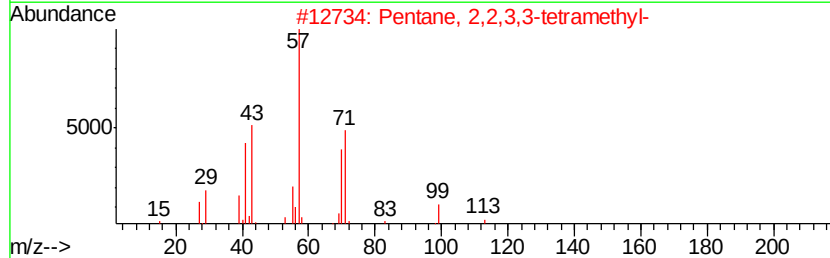
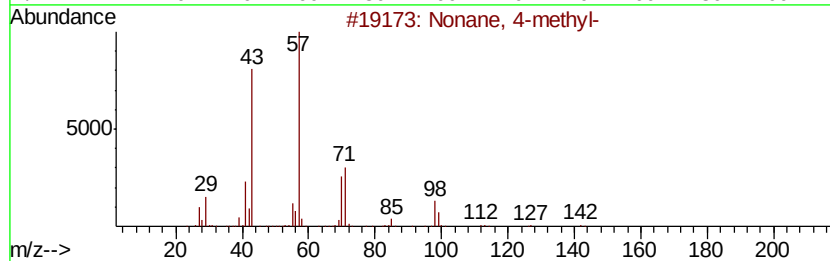
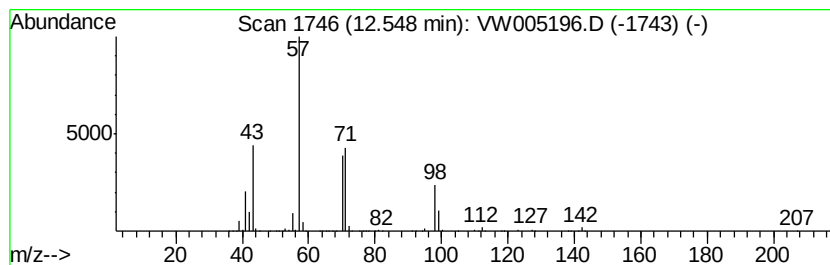
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(15-20)

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 4 Nonane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	32.74 ug/l	1427780	Chlorobenzene-d5	11.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 4-methyl-	142 C10H22	017301-94-9	86
2	Pentane, 2,2,3,3-tetramethyl-	128 C9H20	007154-79-2	64
3	Octane, 2,5-dimethyl-	142 C10H22	015869-89-3	59
4	Heptane, 2,3,4-trimethyl-	142 C10H22	052896-95-4	50
5	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005196.D
Acq On : 07 Sep 2018 07:12
Operator : SY/AP
Sample : J4693-19
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

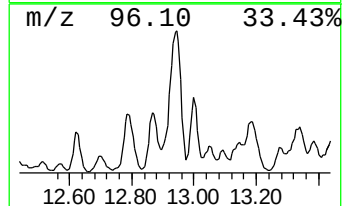
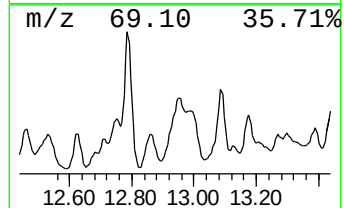
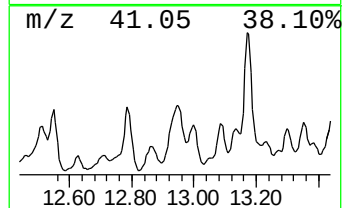
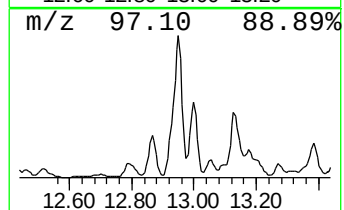
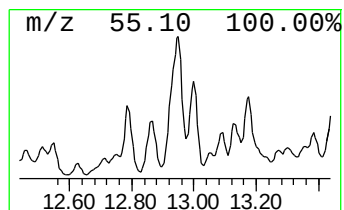
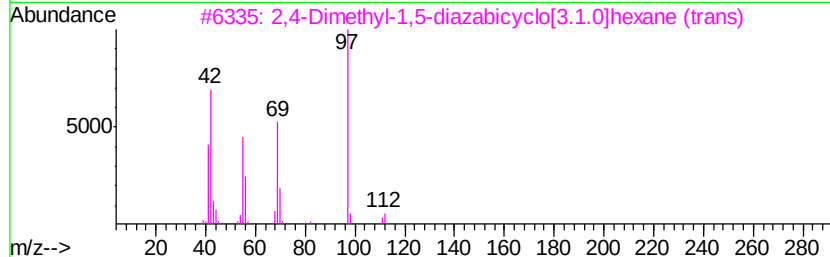
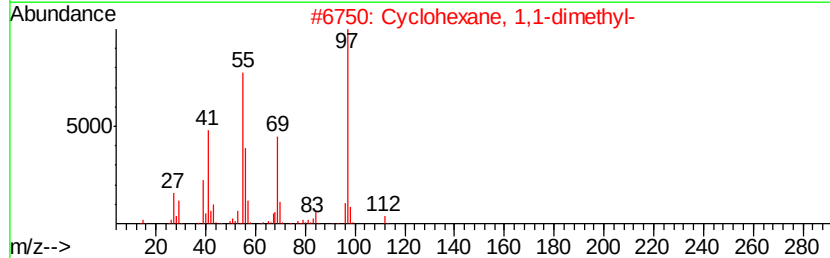
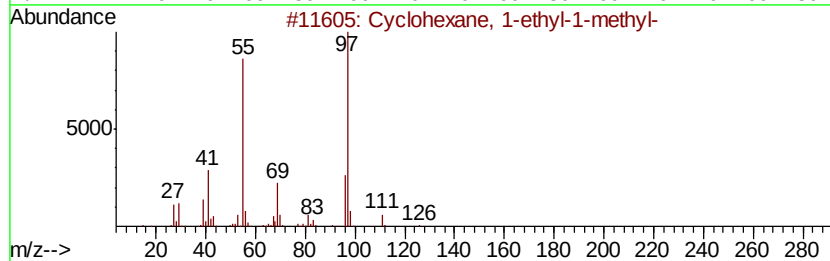
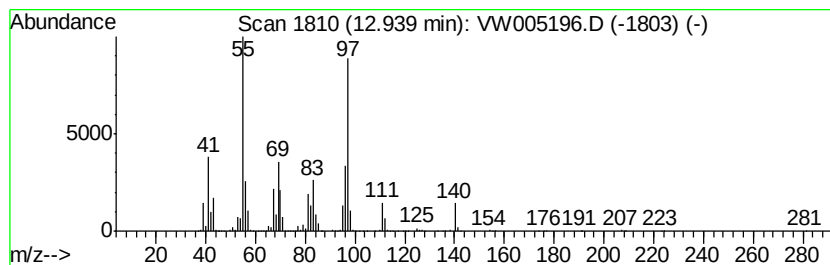
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(15-20)

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 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	58.79 ug/l	2875080	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3 58
2		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 49
3		2,4-Dimethyl-1,5-diazabicyclo[3.0.0]hexane	112 C6H12N2	1000283-20-9 49
4		2,4-Dimethyl-1,5-diazabicyclo[3.0.0]hexane	112 C6H12N2	100463-01-2 49
5		Cyclohexane, 1-bromo-2-methyl-	176 C7H13Br	006294-39-9 47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005196.D
Acq On : 07 Sep 2018 07:12
Operator : SY/AP
Sample : J4693-19
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

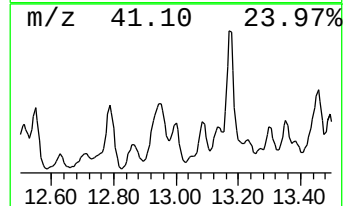
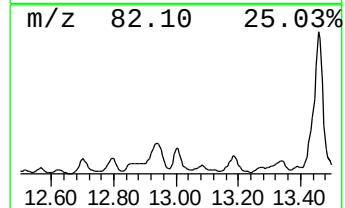
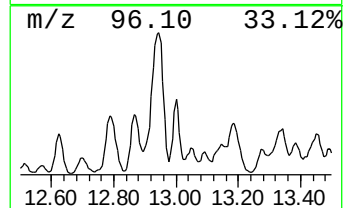
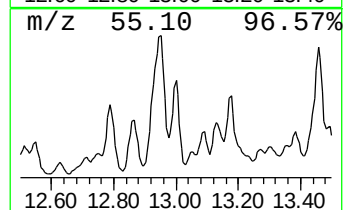
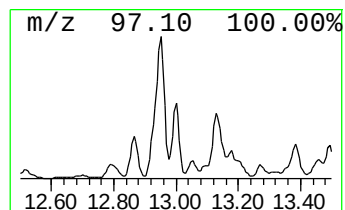
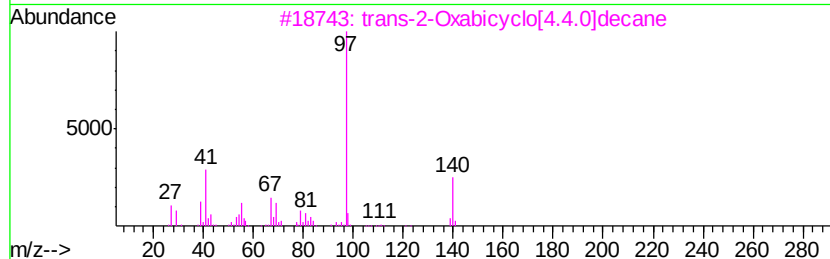
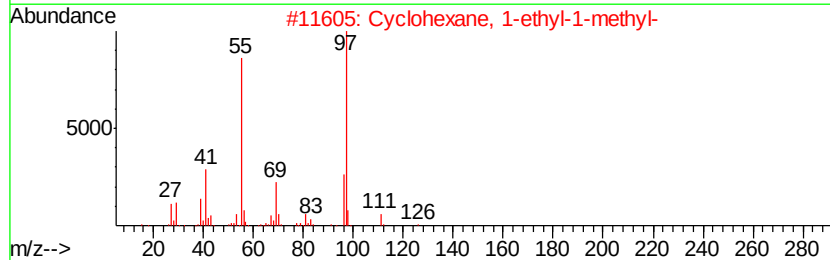
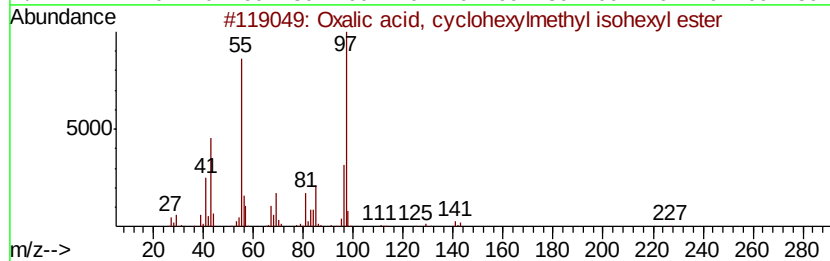
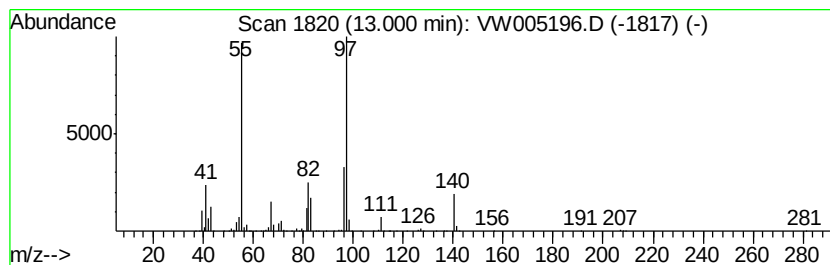
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(15-20)

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 7 Oxalic acid, cyclohexylmeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	21.51 ug/l	1051980	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Oxalic acid, cyclohexylmethvl is...	270 C15H26O4	1000309-68-3 53
2		Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3 53
3		trans-2-Oxabicyclo[4.4.0]decane	140 C9H16O	059958-46-2 52
4		Semustine	247 C10H18ClN3O2	013909-09-6 47
5		m-Menthane, (1S,3S)-(+)-	140 C10H20	013837-67-7 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005196.D
 Acq On : 07 Sep 2018 07:12
 Operator : SY/AP
 Sample : J4693-19
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

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

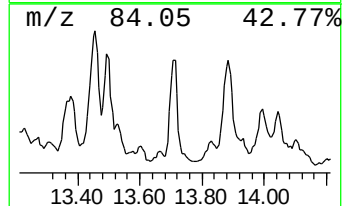
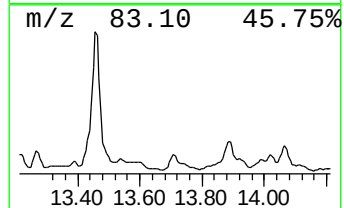
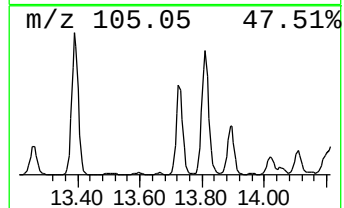
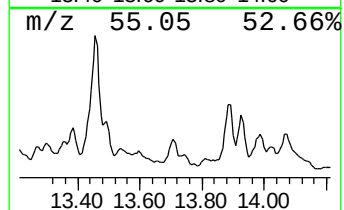
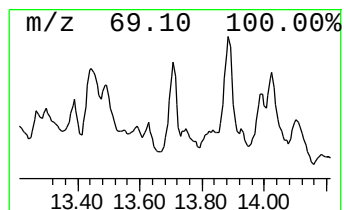
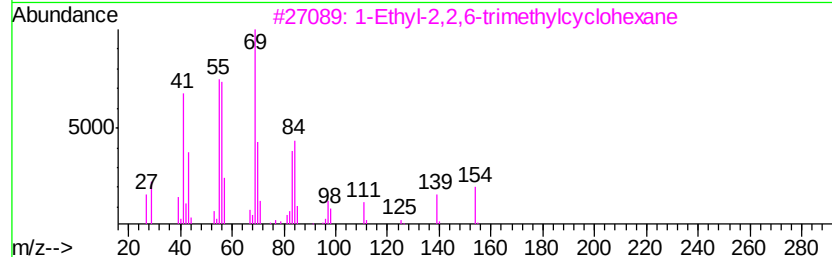
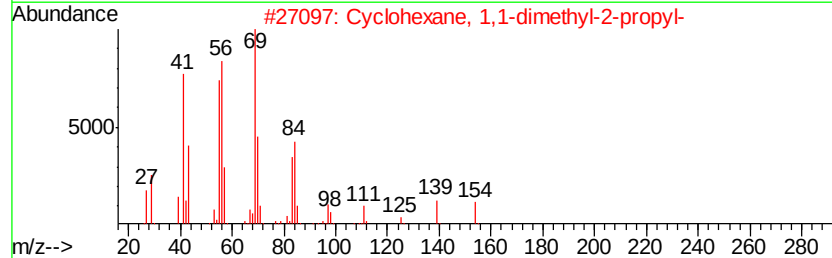
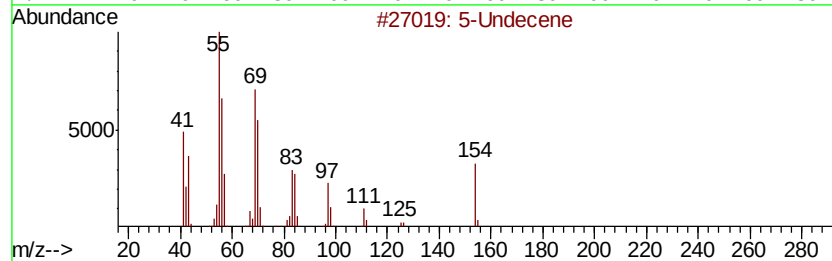
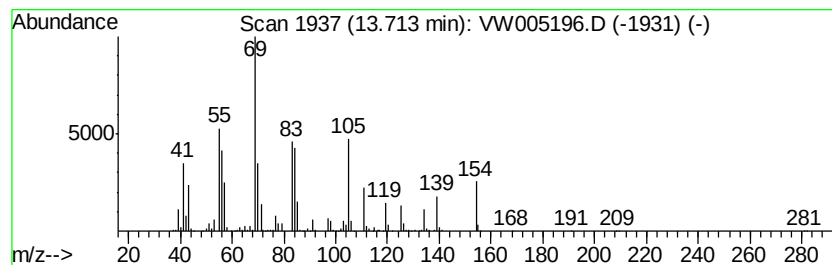
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260

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

 Peak Number 8 5-Undecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	25.77 ug/l	1260160	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Undecene	154	C11H22	004941-53-1	87
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	83
3		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	62
4		Cyclopentane, propyl-	112	C8H16	002040-96-2	50
5		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005196.D
Acq On : 07 Sep 2018 07:12
Operator : SY/AP
Sample : J4693-19
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

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

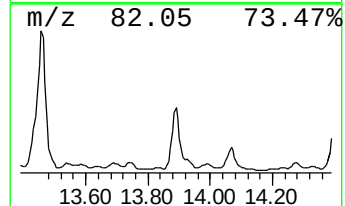
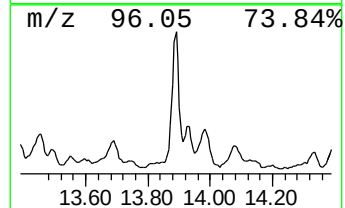
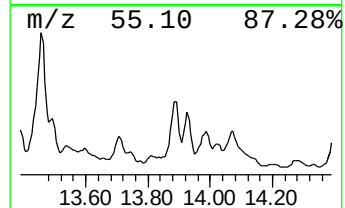
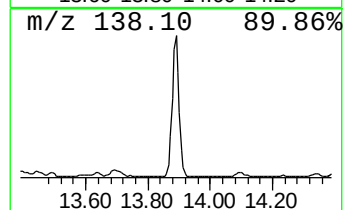
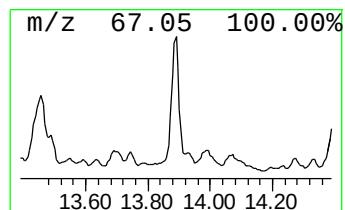
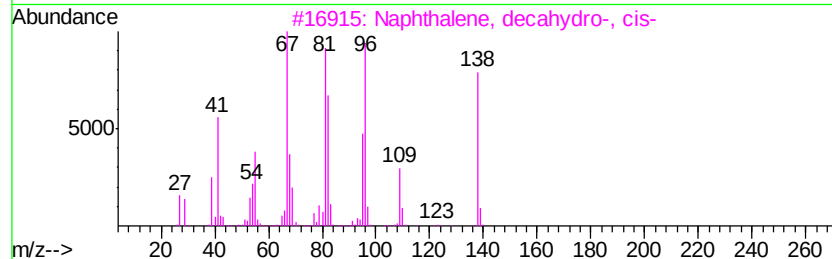
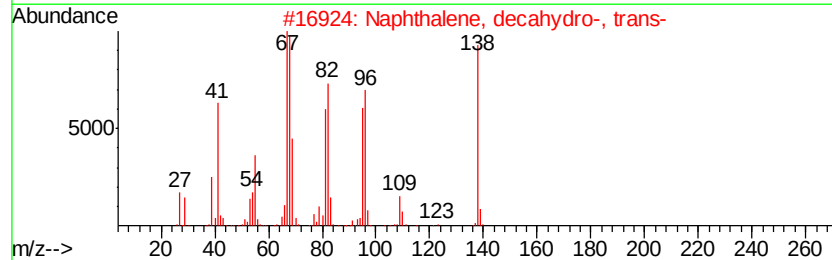
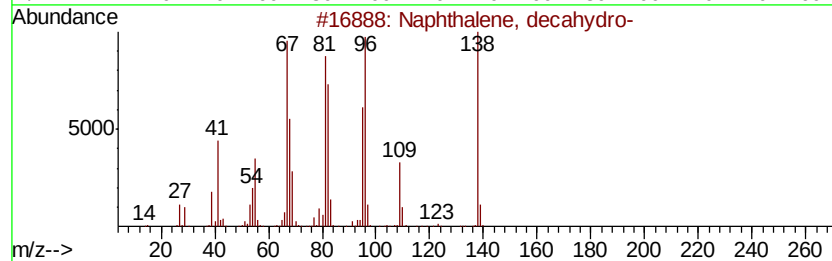
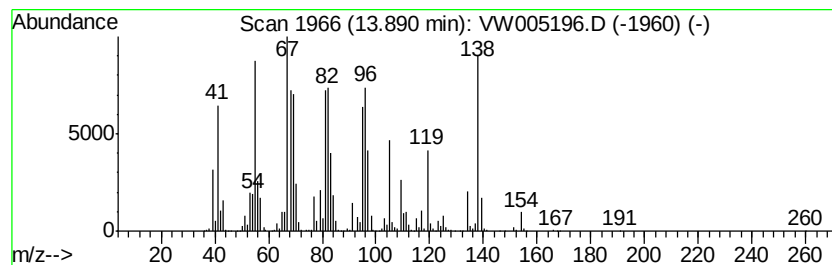
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	43.13 ug/l	2109460	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	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	92
4		(Z)-Dec-4-enyl isobutyl carbonate	256	C15H28O3	1000372-79-2	72
5		Spiro[4.5]decane	138	C10H18	000176-63-6	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005196.D
Acq On : 07 Sep 2018 07:12
Operator : SY/AP
Sample : J4693-19
Misc : 5.87G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

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

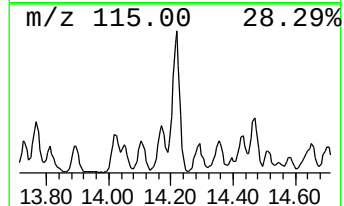
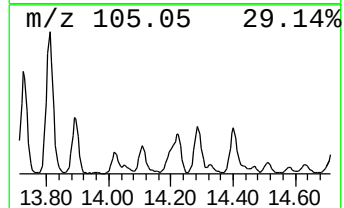
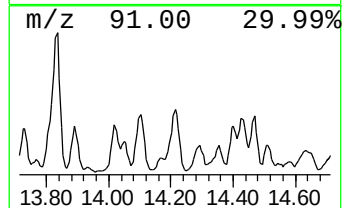
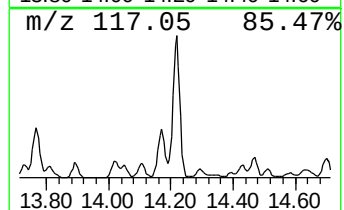
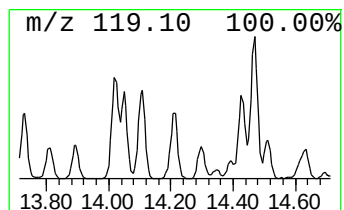
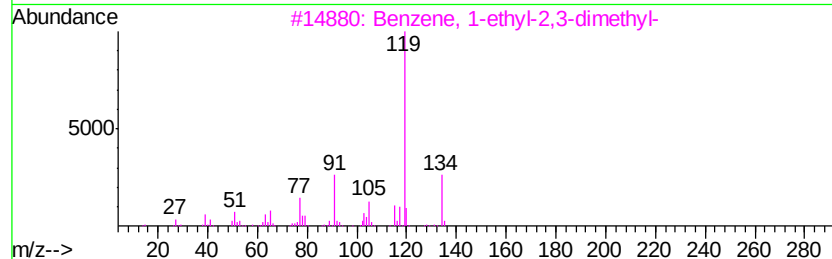
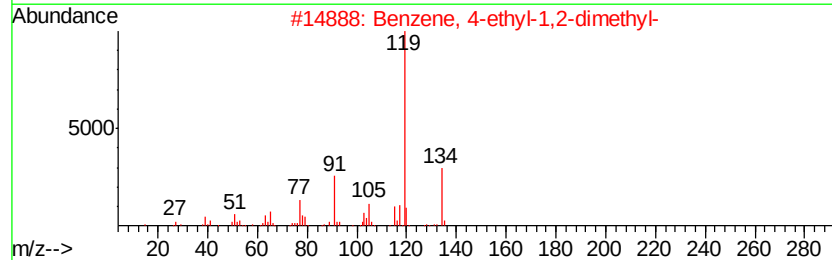
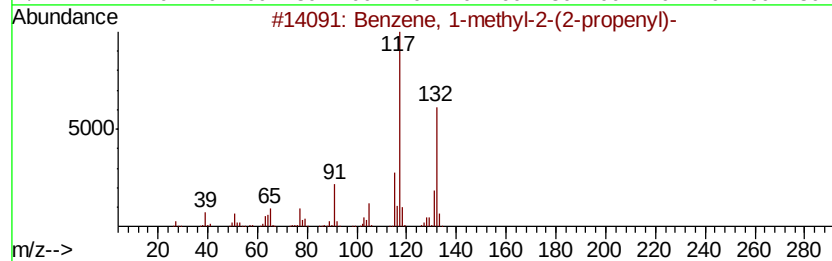
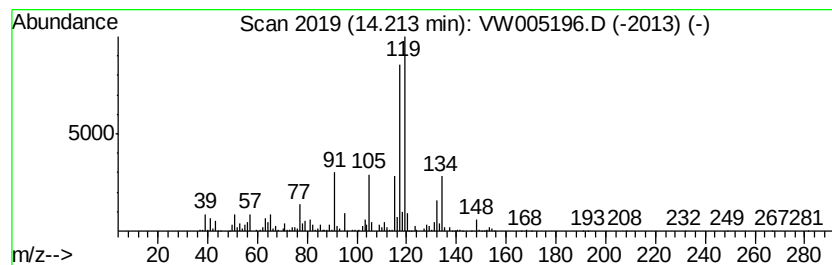
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	17.72 ug/l	866420	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5		p-Cymene	134	C10H14	000099-87-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
Data File : VW005196.D
Acq On : 07 Sep 2018 07:12
Operator : SY/AP
Sample : J4693-19
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 3,6-dimet...	12.26	41.3	ug/l	1801610	3	11.64	2180720	50.0
Heptane, 3-ethyl-...	12.37	67.7	ug/l	2950450	3	11.64	2180720	50.0
Nonane, 4-methyl-	12.55	32.7	ug/l	1427780	3	11.64	2180720	50.0
Cyclohexane, 1-me...	12.87	21.5	ug/l	1051440	4	13.57	2445290	50.0
Cyclohexane, 1-et...	12.94	58.8	ug/l	2875080	4	13.57	2445290	50.0
Oxalic acid, cycl...	13.00	21.5	ug/l	1051980	4	13.57	2445290	50.0
5-Undecene	13.71	25.8	ug/l	1260160	4	13.57	2445290	50.0
Naphthalene, deca...	13.89	43.1	ug/l	2109460	4	13.57	2445290	50.0
Benzene, 1-methyl...	14.21	17.7	ug/l	866420	4	13.57	2445290	50.0