

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010782.D
 Acq On : 12 Jun 2019 17:06
 Operator : SY/VA
 Sample : K3285-01
 Misc : 7.30G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-1-OW(0-10)

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\82W060419S.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	2.678	115	127	134	rVB4	14879	52678	1.28%	0.139%
2	4.123	354	364	374	rBV	16826	47476	1.15%	0.126%
3	4.909	482	493	502	rBV3	11882	42242	1.02%	0.112%
4	7.884	970	981	986	rBV	142285	341614	8.28%	0.904%
5	7.945	986	991	1001	rVB	269938	589694	14.29%	1.561%
6	8.305	1038	1050	1060	rBV	171112	381130	9.24%	1.009%
7	8.842	1124	1138	1150	rBV	435196	854996	20.72%	2.263%
8	10.323	1372	1381	1388	rBV	710252	1244912	30.17%	3.296%
9	10.390	1388	1392	1403	rVB	36375	66481	1.61%	0.176%
10	11.433	1551	1563	1571	rBV5	78960	221323	5.36%	0.586%
11	11.512	1571	1576	1581	rBV	72171	111085	2.69%	0.294%
12	11.634	1588	1596	1606	rBV	567333	1001749	24.27%	2.652%
13	11.762	1608	1617	1621	rBV	148891	275037	6.66%	0.728%
14	11.841	1621	1630	1634	rBV	804722	1570472	38.06%	4.157%
15	11.914	1639	1642	1648	rVB2	204875	351087	8.51%	0.929%
16	11.975	1648	1652	1659	rBV3	79529	180101	4.36%	0.477%
17	12.060	1659	1666	1671	rVB3	77306	178734	4.33%	0.473%
18	12.140	1671	1679	1690	rBV2	643602	1758632	42.62%	4.655%
19	12.256	1690	1698	1702	rVB2	421606	766082	18.56%	2.028%
20	12.304	1702	1706	1707	rBV2	140165	196493	4.76%	0.520%
21	12.341	1707	1712	1713	rVV3	353124	514932	12.48%	1.363%
22	12.384	1714	1719	1727	rVV5	529793	1477611	35.81%	3.912%
23	12.457	1727	1731	1734	rVV2	181360	321616	7.79%	0.851%
24	12.512	1736	1740	1742	rVV3	168196	319841	7.75%	0.847%
25	12.542	1742	1745	1747	rVV2	330732	472528	11.45%	1.251%
26	12.566	1747	1749	1753	rVB	316290	380880	9.23%	1.008%
27	12.621	1753	1758	1761	rBV	564265	943046	22.85%	2.496%
28	12.652	1761	1763	1766	rVV	169404	222709	5.40%	0.590%
29	12.701	1769	1771	1775	rVV3	141152	183574	4.45%	0.486%
30	12.743	1775	1778	1780	rVV3	59045	70891	1.72%	0.188%
31	12.780	1780	1784	1790	rVB2	525490	996329	24.14%	2.638%
32	12.859	1790	1797	1801	rBV3	303916	676450	16.39%	1.791%
33	12.932	1801	1809	1816	rBV3	2178653	4126745	100.00%	10.924%
34	12.993	1816	1819	1824	rVB2	404367	620595	15.04%	1.643%

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Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
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35	13.079	1824	1833	1837	rBV2	315483	644444	15.62%	1.706%
36	13.127	1837	1841	1844	rBV3	205715	402107	9.74%	1.064%
37	13.170	1844	1848	1856	rVB2	623806	1183861	28.69%	3.134%
38	13.268	1860	1864	1865	rBV3	76581	93171	2.26%	0.247%
39	13.292	1865	1868	1871	rBV2	100185	141727	3.43%	0.375%
40	13.377	1879	1882	1886	rVB2	136837	173427	4.20%	0.459%
41	13.444	1886	1893	1897	rBV6	635883	1492803	36.17%	3.952%
42	13.487	1897	1900	1903	rVV2	339596	469981	11.39%	1.244%
43	13.524	1903	1906	1907	rVV2	140209	163455	3.96%	0.433%
44	13.560	1907	1912	1919	rVB2	690527	1224130	29.66%	3.241%
45	13.627	1919	1923	1928	rBV2	261869	367310	8.90%	0.972%
46	13.694	1928	1934	1939	rVB4	226261	508610	12.32%	1.346%
47	13.743	1939	1942	1949	rVB5	110600	209813	5.08%	0.555%
48	13.835	1953	1957	1959	rBV	60619	82868	2.01%	0.219%
49	13.877	1959	1964	1969	rBV2	1157024	1817284	44.04%	4.811%
50	13.981	1976	1981	1985	rBV2	103682	170795	4.14%	0.452%
51	14.200	2013	2017	2021	rBV5	46026	85816	2.08%	0.227%
52	14.267	2023	2028	2033	rVV3	100566	196121	4.75%	0.519%
53	14.328	2034	2038	2040	rVV3	75251	132473	3.21%	0.351%
54	14.389	2044	2048	2052	rVV2	242721	453592	10.99%	1.201%
55	14.432	2052	2055	2062	rVV4	108603	190648	4.62%	0.505%
56	14.499	2062	2066	2070	rVV2	84918	146217	3.54%	0.387%
57	14.554	2071	2075	2079	rVV3	108232	187881	4.55%	0.497%
58	14.603	2079	2083	2089	rVB3	75542	135584	3.29%	0.359%
59	14.731	2098	2104	2111	rBV	518660	802743	19.45%	2.125%
60	14.804	2112	2116	2119	rBV4	93452	168397	4.08%	0.446%
61	14.847	2119	2123	2130	rVB2	191137	364802	8.84%	0.966%
62	14.926	2132	2136	2139	rVB5	46478	63239	1.53%	0.167%
63	14.981	2141	2145	2148	rBV5	57479	96785	2.35%	0.256%
64	15.164	2166	2175	2180	rBV5	149310	438110	10.62%	1.160%
65	15.212	2180	2183	2186	rVV	134001	213579	5.18%	0.565%
66	15.255	2186	2190	2198	rVV3	210374	432570	10.48%	1.145%
67	15.328	2198	2202	2209	rVB	296105	543775	13.18%	1.439%
68	15.401	2209	2214	2221	rBV4	87058	232883	5.64%	0.616%
69	15.560	2235	2240	2248	rVB	703626	1121687	27.18%	2.969%
70	15.676	2249	2259	2264	rBV9	79894	278414	6.75%	0.737%
71	16.102	2324	2329	2333	rVB	51413	77803	1.89%	0.206%

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Integration Parameters: RTEINT.P

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	16.151	2333	2337	2340	rBV	51126	89361	2.17%	0.237%
73	16.230	2346	2350	2355	rVB3	72657	131414	3.18%	0.348%
74	16.297	2356	2361	2369	rVB	69176	144397	3.50%	0.382%
75	16.505	2389	2395	2402	rBV	184402	341642	8.28%	0.904%

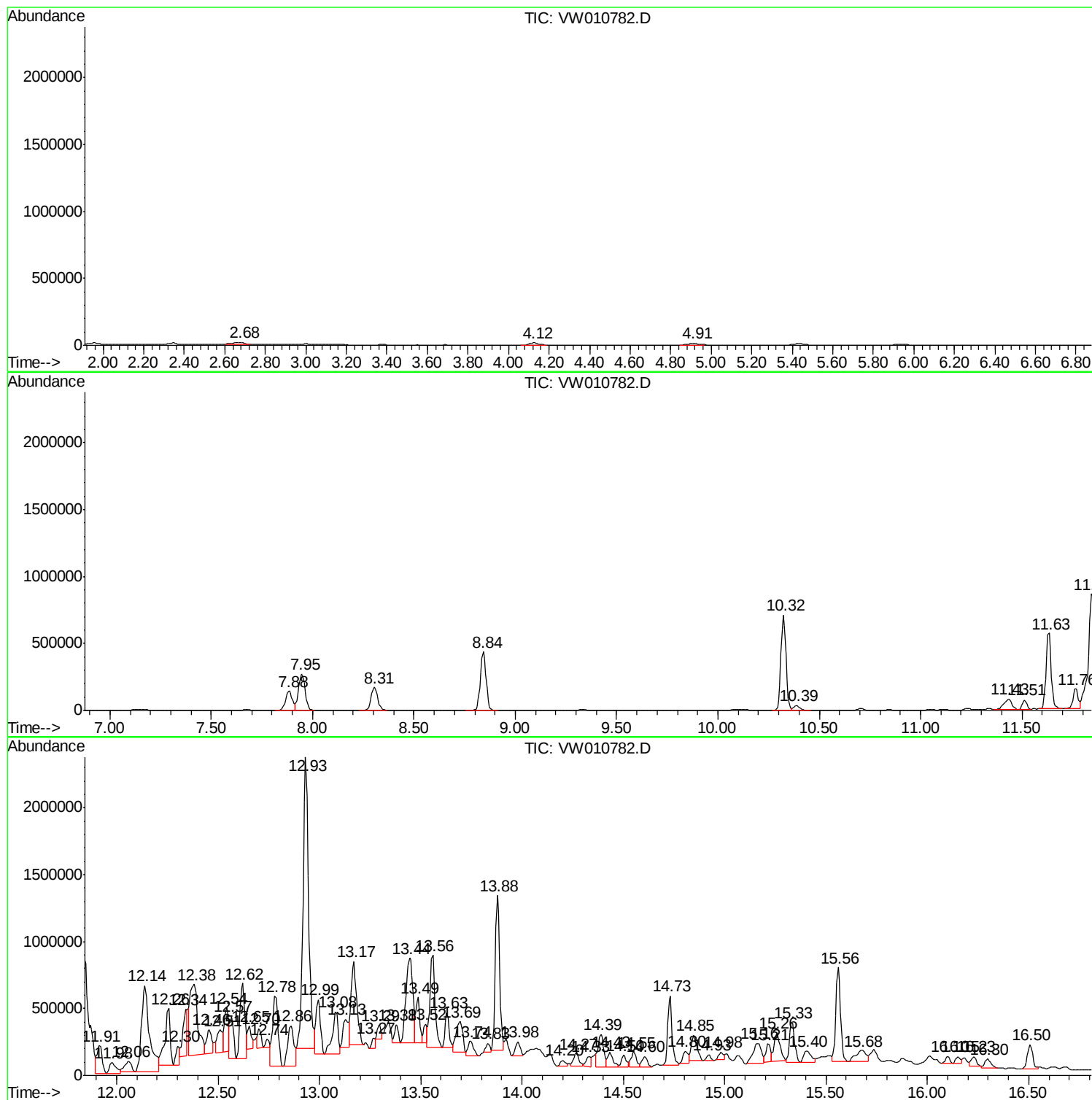
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Instrument :
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M-1-OW(0-10)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_W
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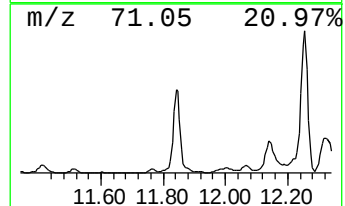
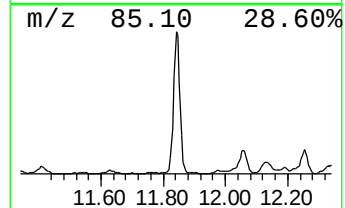
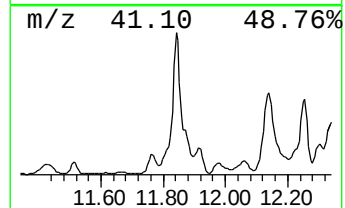
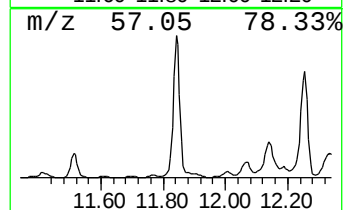
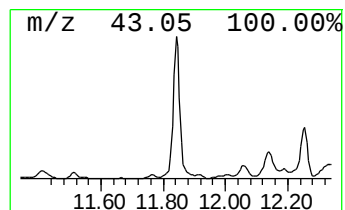
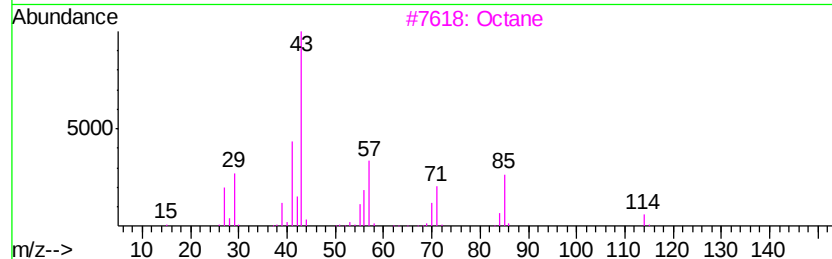
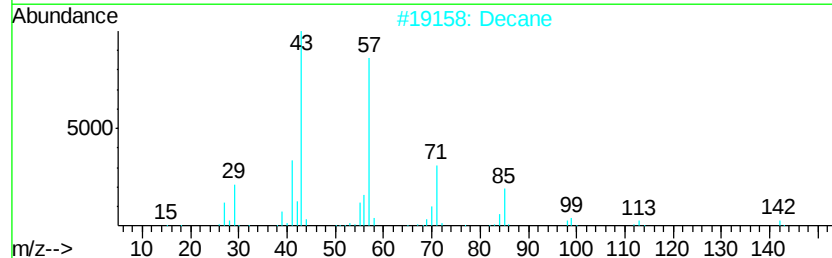
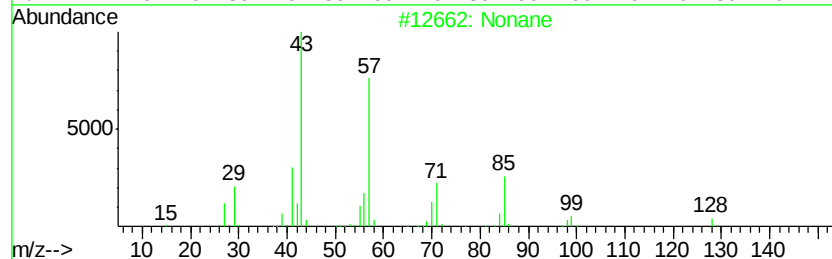
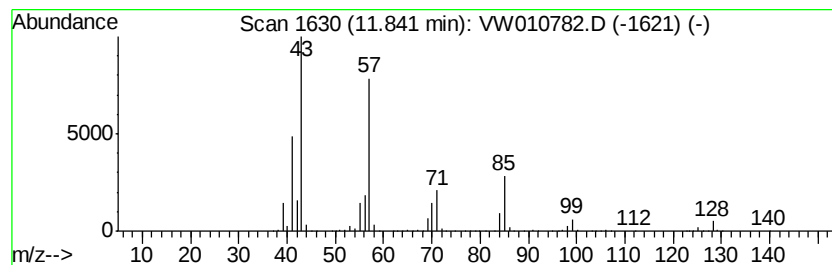
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	78.39 ug/l	1570470	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	97
2		Decane	142	C10H22	000124-18-5	72
3		Octane	114	C8H18	000111-65-9	64
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	49



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Instrument :
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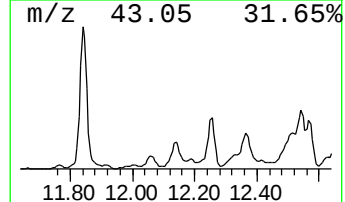
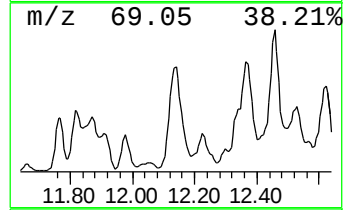
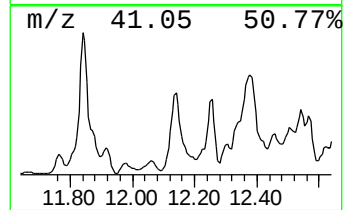
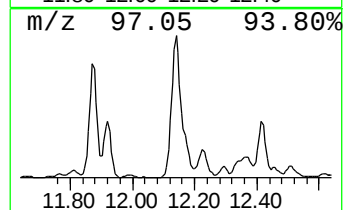
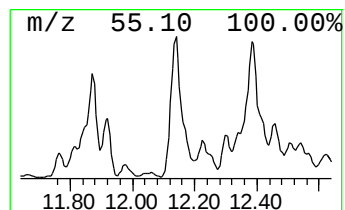
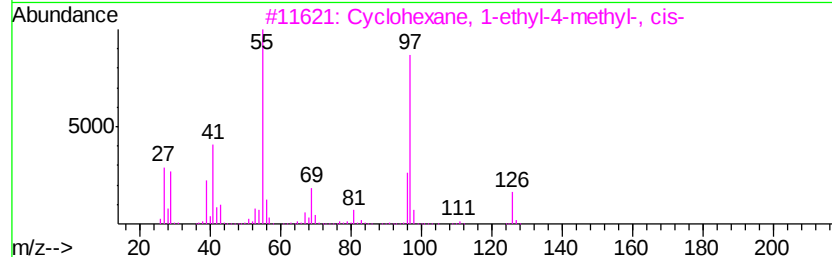
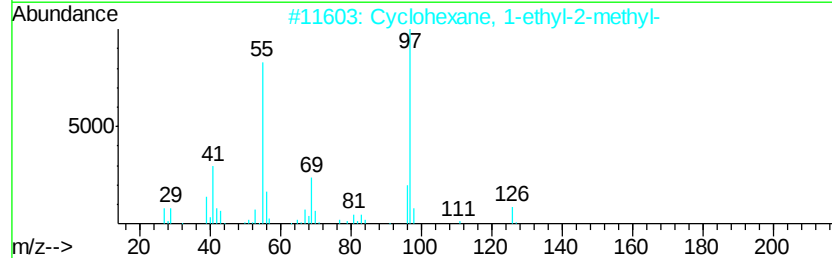
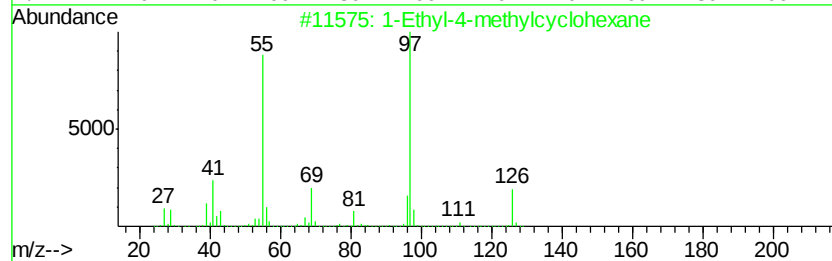
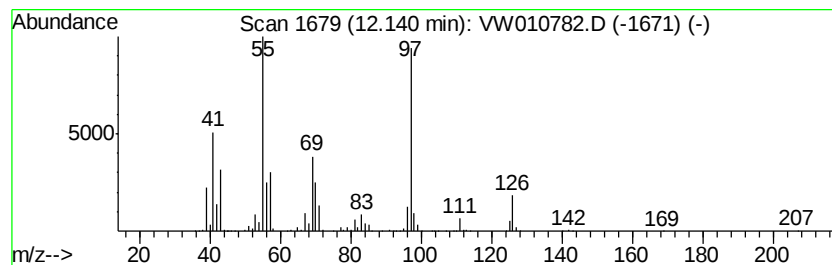
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 2 1-Ethyl-4-methylcyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	87.78 ug/l	1758630	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	68
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64



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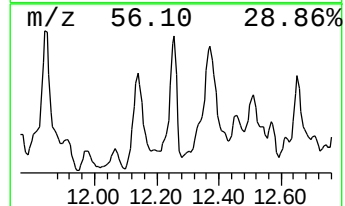
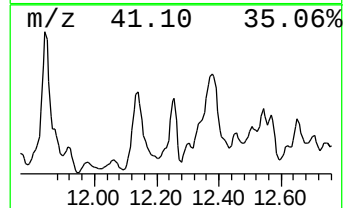
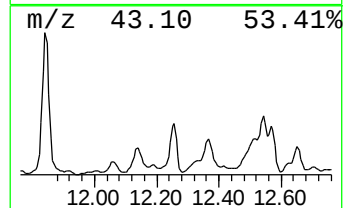
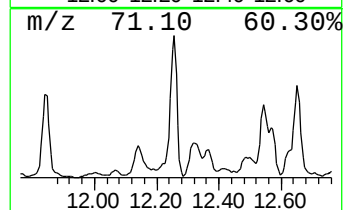
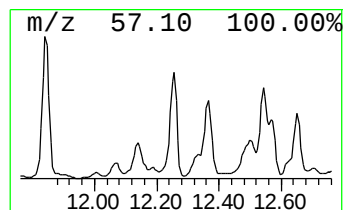
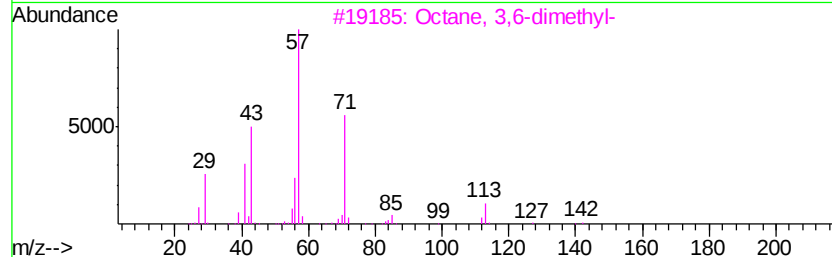
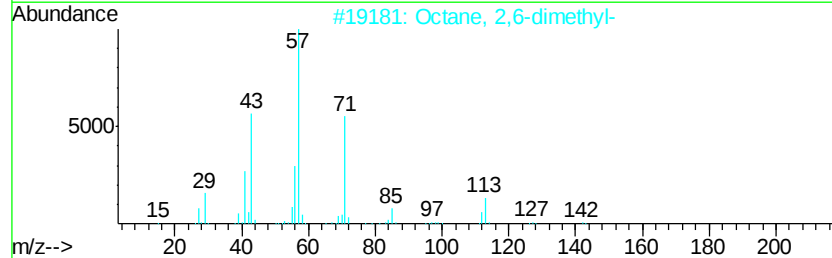
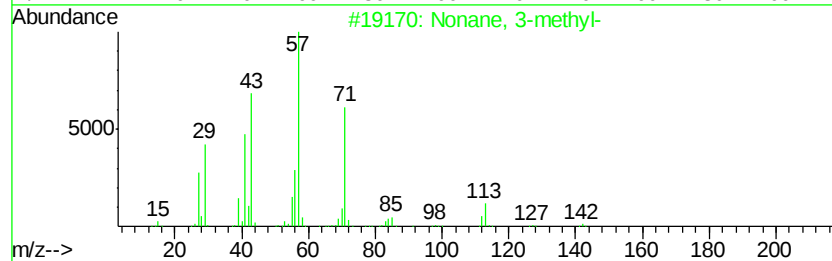
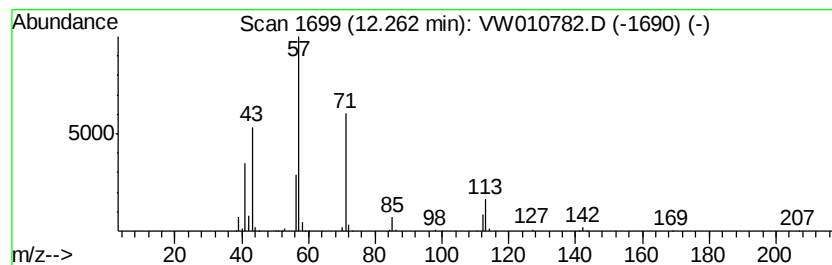
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260

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

Peak Number 3 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	38.24 ug/l	766082	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59



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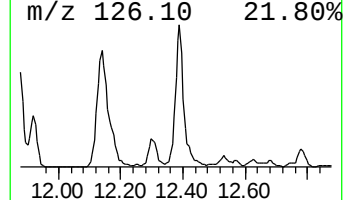
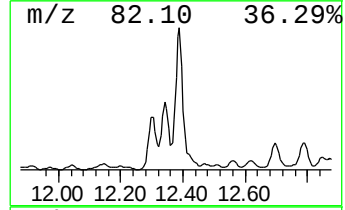
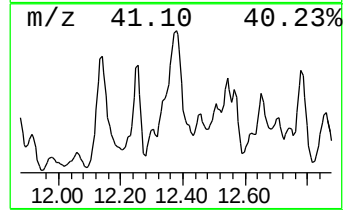
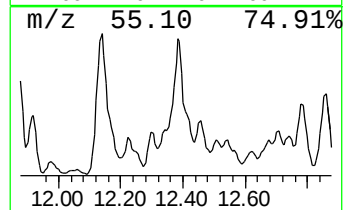
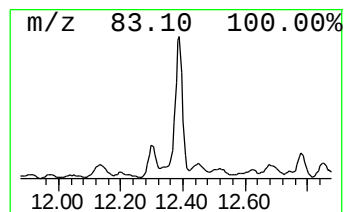
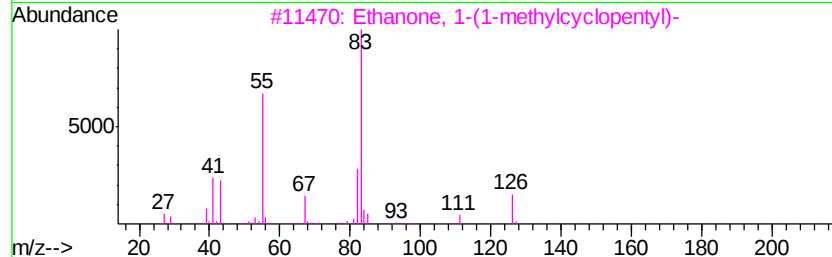
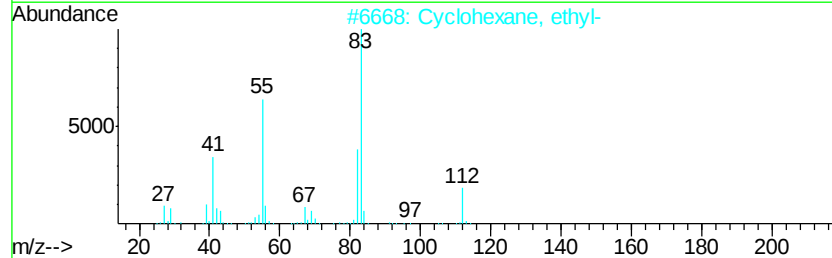
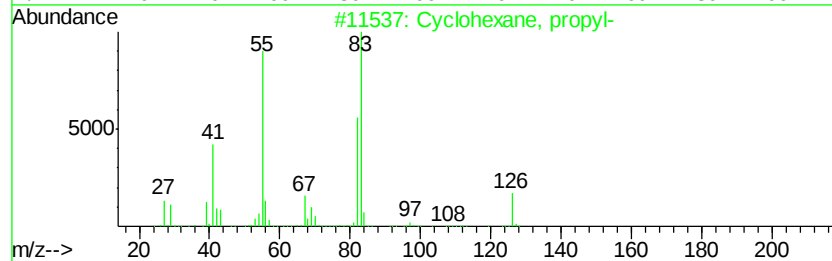
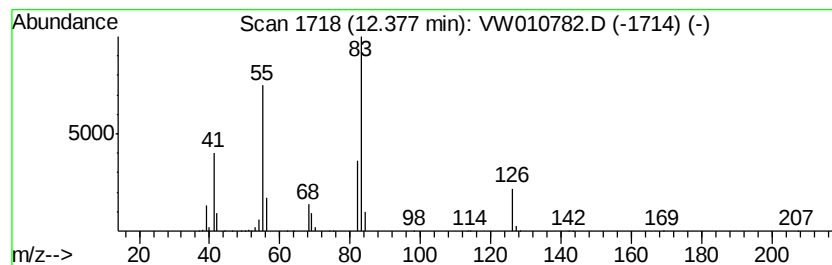
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	73.75 ug/l	1477610	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3		Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	64
4		Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	50
5		Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010782.D
Acq On : 12 Jun 2019 17:06
Operator : SY/VA
Sample : K3285-01
Misc : 7.30G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-1-OW(0-10)

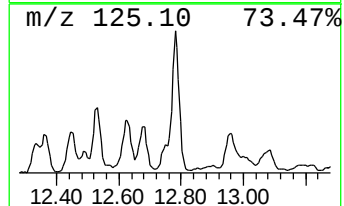
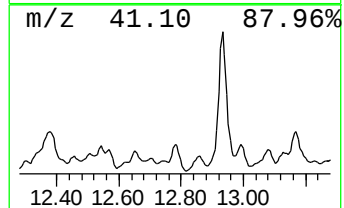
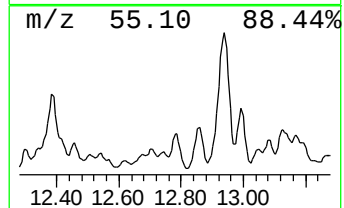
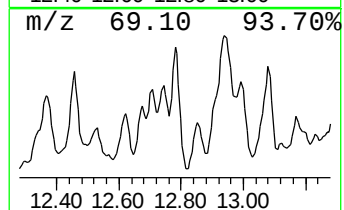
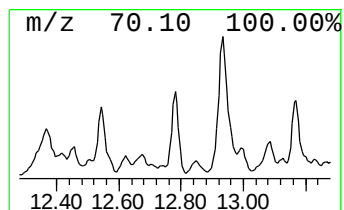
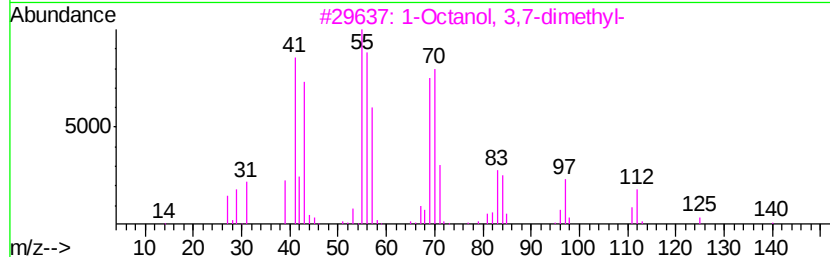
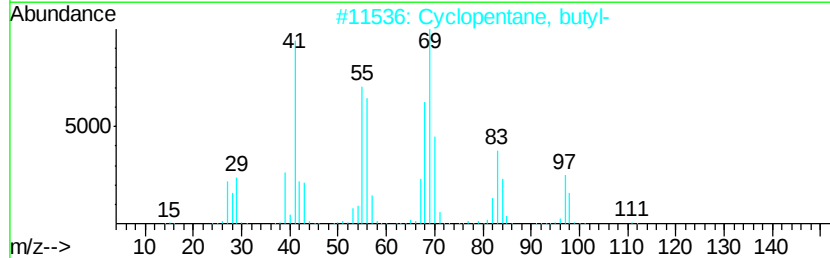
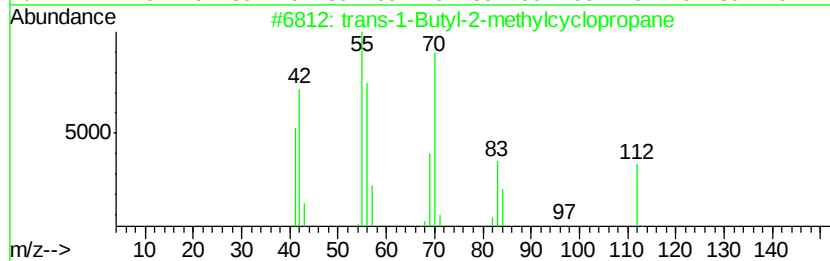
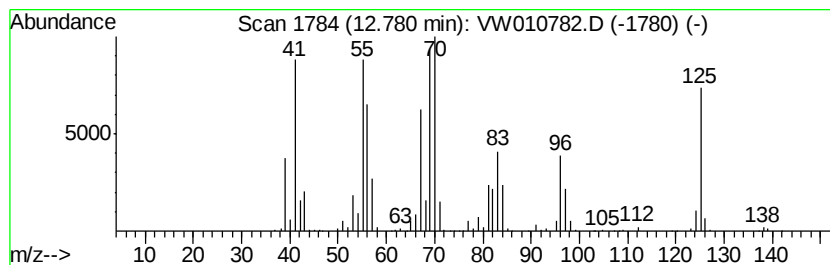
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.78 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	40.70 ug/l	996329	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	43
3		1-Octanol, 3,7-dimethyl-	158	C10H22O	000106-21-8	43
4		2-Decene, 8-methyl-, (Z)-	154	C11H22	074630-25-4	38
5		Cyclooctane, methyl-	126	C9H18	001502-38-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010782.D
Acq On : 12 Jun 2019 17:06
Operator : SY/VA
Sample : K3285-01
Misc : 7.30G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

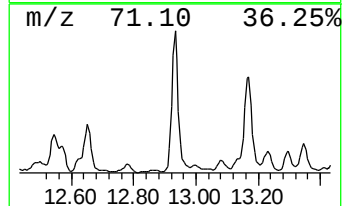
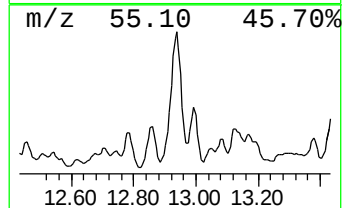
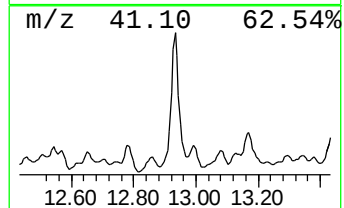
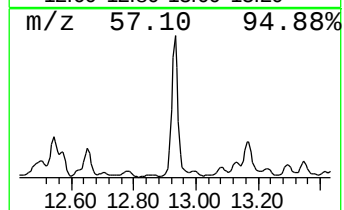
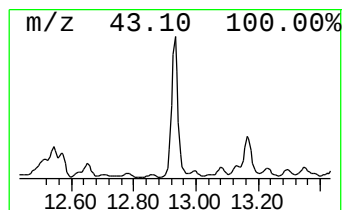
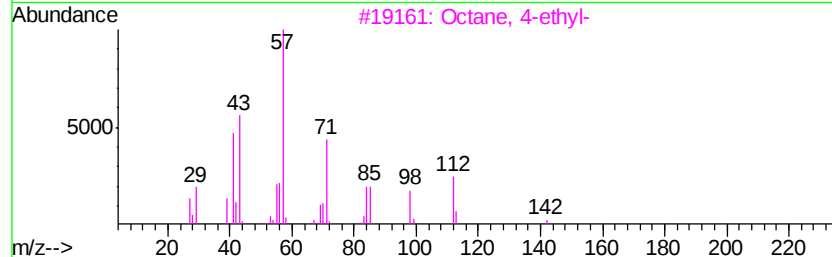
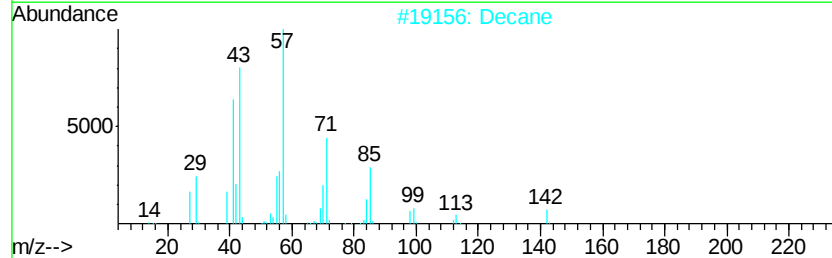
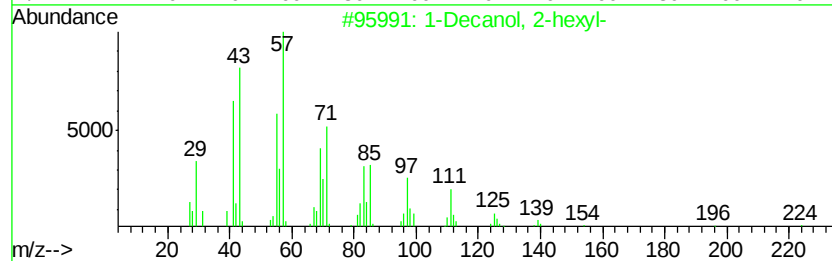
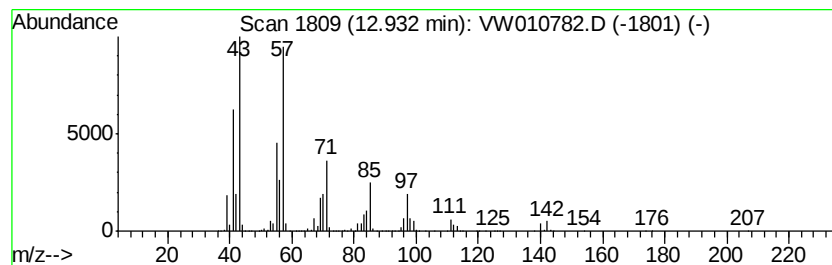
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ClientSampleId :
M-1-OW(0-10)

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Quant Title : SW846 8260

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

Peak Number 6 1-Decanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	168.56 ug/l	4126750	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	80
2	Decane	142 C10H22	000124-18-5	76
3	Octane, 4-ethyl-	142 C10H22	015869-86-0	58
4	Hexatriacontane	507 C36H74	000630-06-8	50
5	Dodecane, 2-methyl-	184 C13H28	001560-97-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010782.D
Acq On : 12 Jun 2019 17:06
Operator : SY/VA
Sample : K3285-01
Misc : 7.30G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-1-OW(0-10)

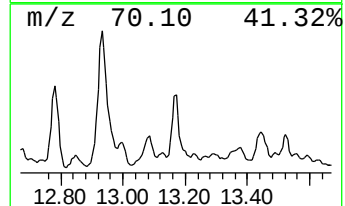
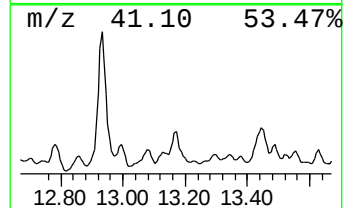
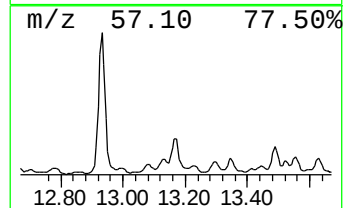
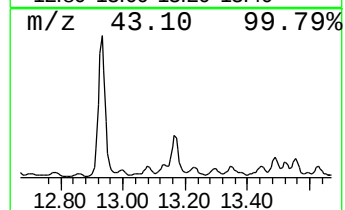
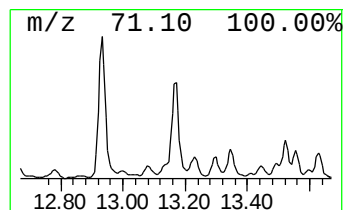
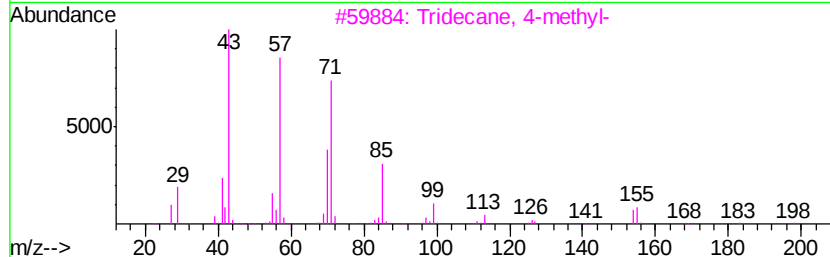
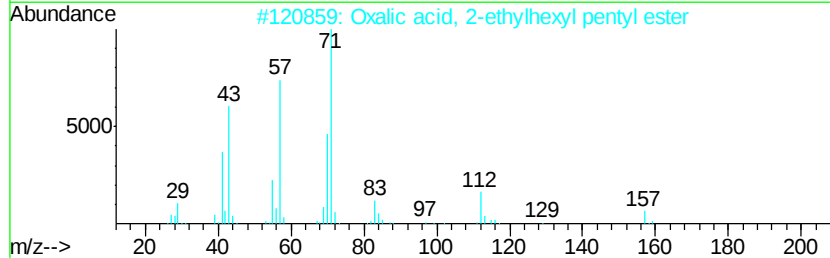
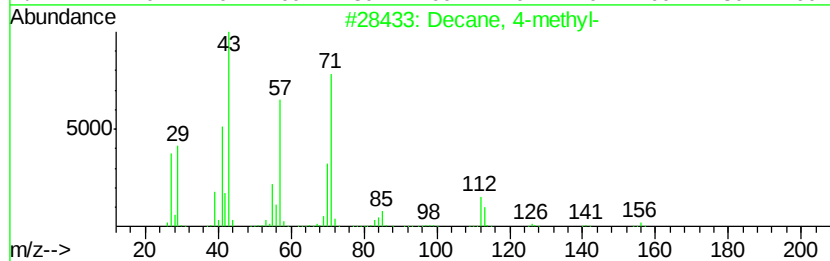
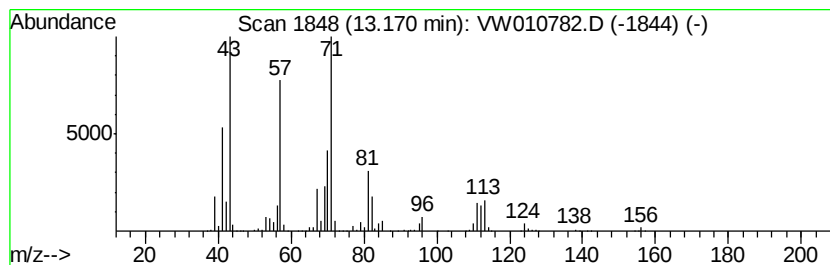
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	48.36 ug/l	1183860	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	81
2		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	53
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5		Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010782.D
Acq On : 12 Jun 2019 17:06
Operator : SY/VA
Sample : K3285-01
Misc : 7.30G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-1-OW(0-10)

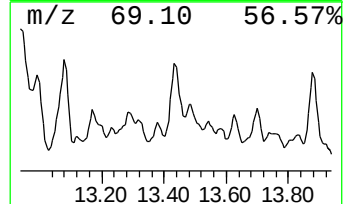
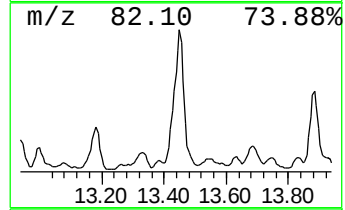
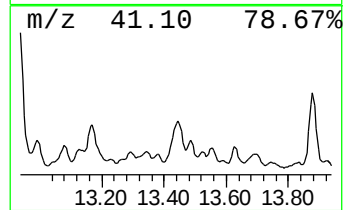
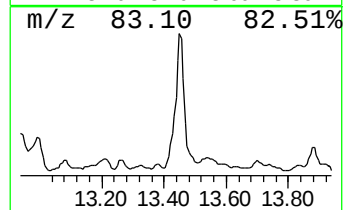
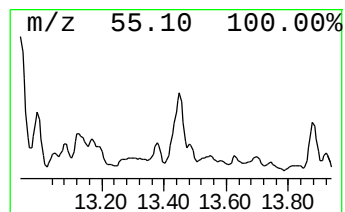
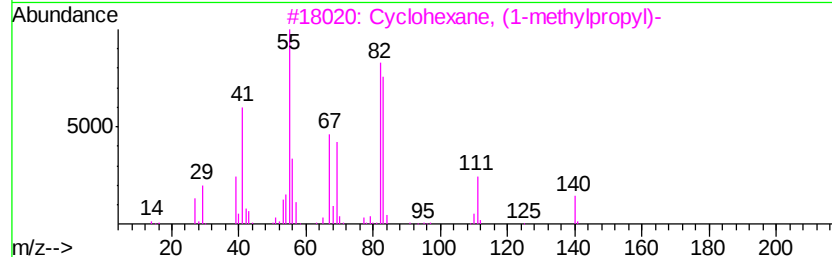
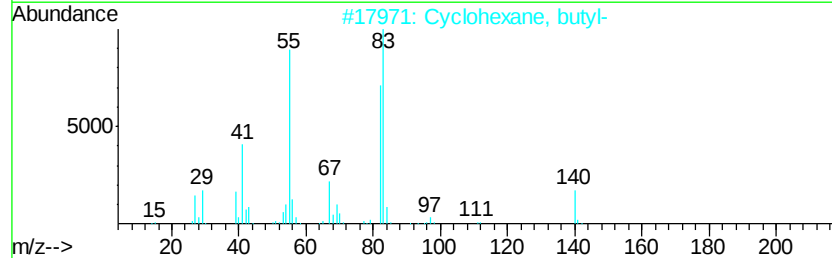
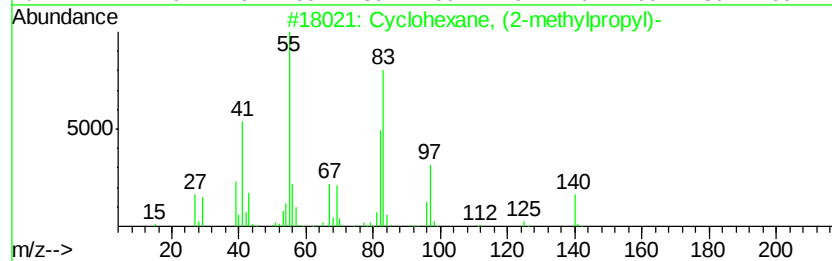
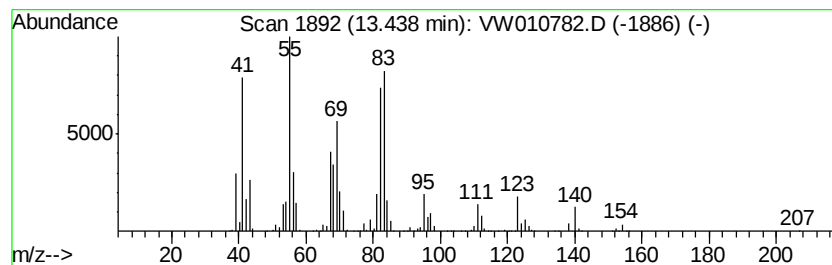
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	60.97 ug/l	1492800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3		Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	53
4		Cyclohexane, 1,1'-(1,4-butanediol-...)	222	C16H30	006165-44-2	53
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
Data File : VW010782.D
Acq On : 12 Jun 2019 17:06
Operator : SY/VA
Sample : K3285-01
Misc : 7.30G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
M-1-OW(0-10)

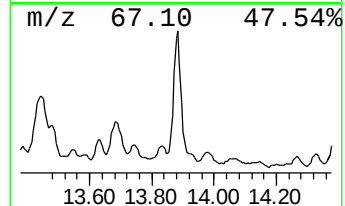
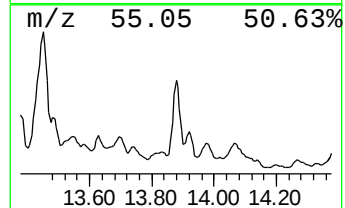
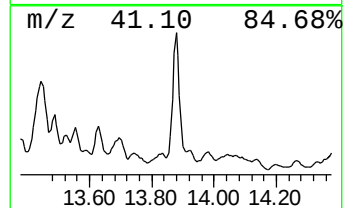
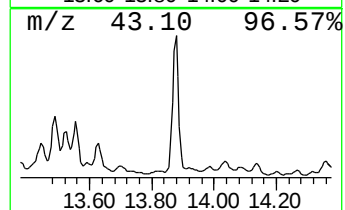
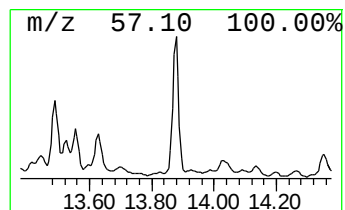
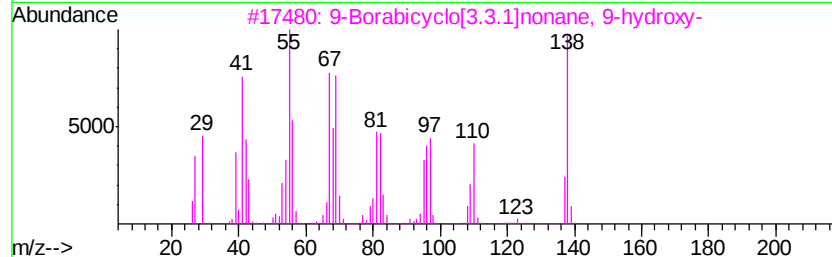
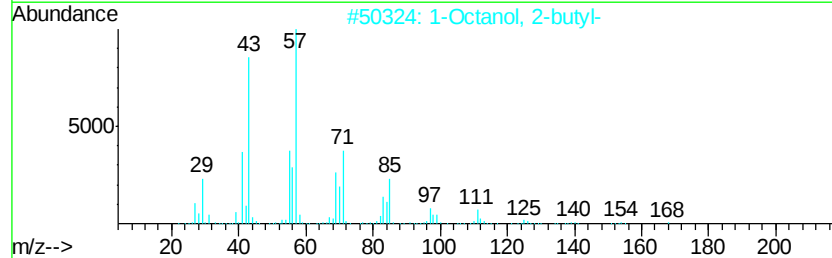
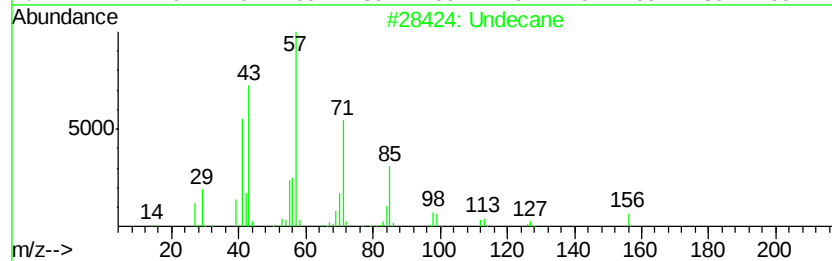
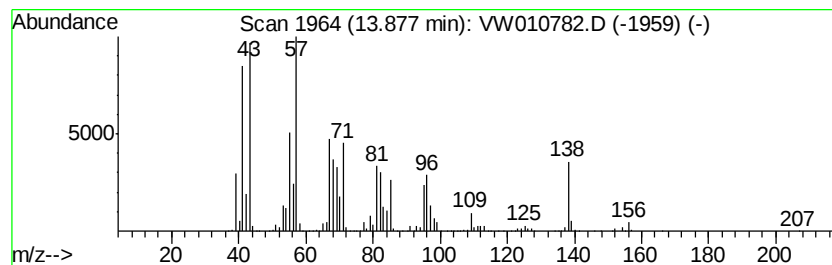
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Quant Title : SW846 8260

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

Peak Number 9 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	74.23 ug/l	1817280	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	38
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	30
3		9-Borabicyclo[3.3.1]nonane, 9-hydroxy-	138	C8H15BO	063366-65-4	30
4		Tritetracontane	605	C43H88	007098-21-7	22
5		Decane	142	C10H22	000124-18-5	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010782.D
 Acq On : 12 Jun 2019 17:06
 Operator : SY/VA
 Sample : K3285-01
 Misc : 7.30G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 M-1-OW(0-10)

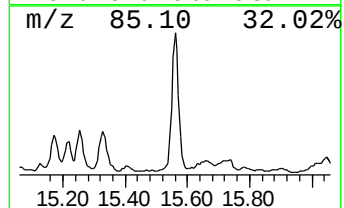
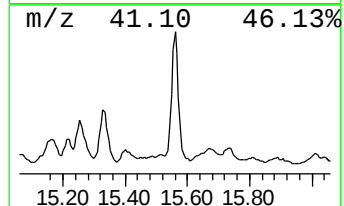
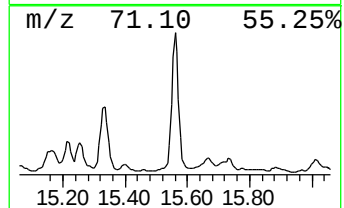
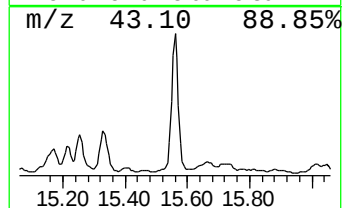
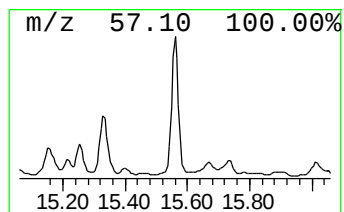
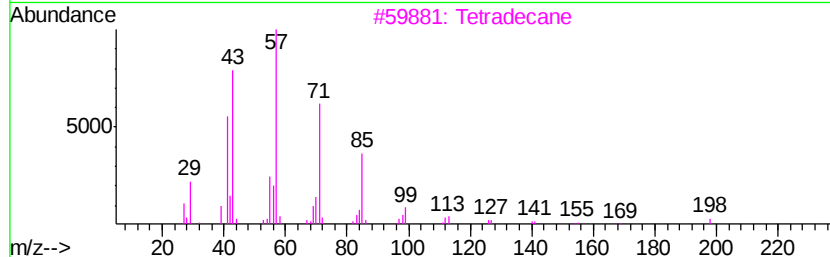
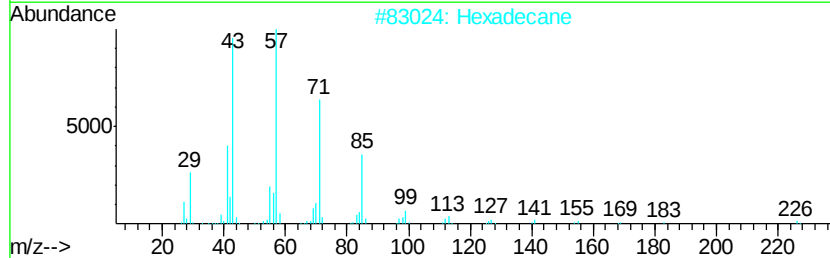
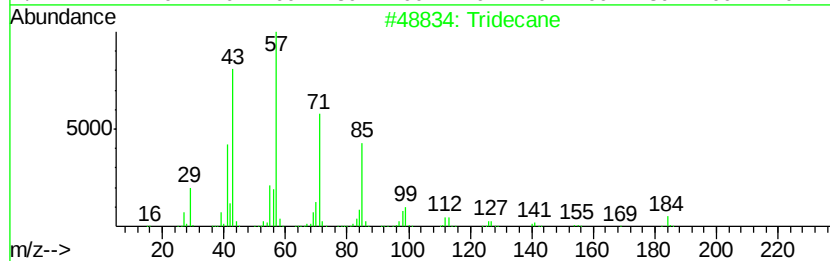
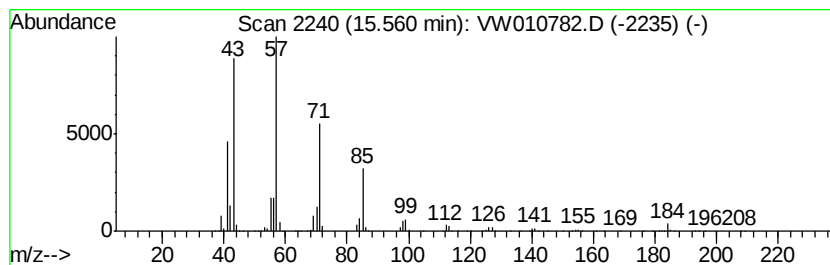
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 Quant Title : SW846 8260

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

 Peak Number 10 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	45.82 ug/l	1121690	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Dodecane	170	C12H26	000112-40-3	90
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061219\
 Data File : VW010782.D
 Acq On : 12 Jun 2019 17:06
 Operator : SY/VA
 Sample : K3285-01
 Misc : 7.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-1-OW(0-10)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.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
Nonane	11.84	78.4	ug/l	1570470	3	11.63	1001750	50.0
1-Ethyl-4-methylc...	12.14	87.8	ug/l	1758630	3	11.63	1001750	50.0
Nonane, 3-methyl-	12.26	38.2	ug/l	766082	3	11.63	1001750	50.0
Cyclohexane, propyl-	12.38	73.8	ug/l	1477610	3	11.63	1001750	50.0
unknown12.78	12.78	40.7	ug/l	996329	4	13.56	1224130	50.0
1-Decanol, 2-hexyl-	12.93	168.6	ug/l	4126750	4	13.56	1224130	50.0
Decane, 4-methyl-	13.17	48.4	ug/l	1183860	4	13.56	1224130	50.0
Cyclohexane, (2-m...	13.44	61.0	ug/l	1492800	4	13.56	1224130	50.0
Undecane	13.88	74.2	ug/l	1817280	4	13.56	1224130	50.0
Tridecane	15.56	45.8	ug/l	1121690	4	13.56	1224130	50.0