

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005121.D
 Acq On : 05 Sep 2018 10:38
 Operator : SY/AP
 Sample : J4712-13
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

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	50	rBV	8475317	14760705	13.84%	2.195%
2	7.934	1025	1041	1051	rBV3	1470955	4584135	4.30%	0.682%
3	8.037	1051	1058	1069	rVB	499911	1236545	1.16%	0.184%
4	8.165	1069	1079	1088	rBV	2029971	4648828	4.36%	0.691%
5	8.702	1158	1167	1183	rBV	1108862	2144655	2.01%	0.319%
6	8.848	1183	1191	1211	rVB	858699	1734051	1.63%	0.258%
7	10.329	1427	1434	1439	rBV	916922	1740264	1.63%	0.259%
8	10.397	1439	1445	1457	rVV	493009	1071963	1.00%	0.159%
9	11.421	1604	1613	1624	rVB4	982810	2549425	2.39%	0.379%
10	11.518	1624	1629	1640	rVB	816951	1326568	1.24%	0.197%
11	11.634	1640	1648	1656	rBV	723342	1331045	1.25%	0.198%
12	11.738	1656	1665	1674	rBV	3250751	5396019	5.06%	0.802%
13	11.841	1674	1682	1693	rBV	13558444	26028546	24.40%	3.870%
14	12.024	1701	1712	1716	rBV	657233	1096592	1.03%	0.163%
15	12.171	1724	1736	1744	rBV	5885448	10344525	9.70%	1.538%
16	12.725	1820	1827	1834	rBV	1260521	2229083	2.09%	0.331%
17	12.933	1854	1861	1864	rBV2	2538150	4493260	4.21%	0.668%
18	12.969	1864	1867	1874	rVV	1852572	2912542	2.73%	0.433%
19	13.036	1874	1878	1885	rVV3	1651493	2979598	2.79%	0.443%
20	13.457	1941	1947	1957	rVV	29081500	46149003	43.26%	6.862%
21	13.561	1961	1964	1968	rVV2	1025300	1539562	1.44%	0.229%
22	13.634	1968	1976	1982	rVB	849939	1974788	1.85%	0.294%
23	13.884	2008	2017	2021	rBV	5120766	7646879	7.17%	1.137%
24	14.042	2038	2043	2047	rBV2	636244	1192356	1.12%	0.177%
25	14.140	2056	2059	2065	rVB	977811	1692336	1.59%	0.252%
26	14.274	2074	2081	2086	rBV2	1137349	2111389	1.98%	0.314%
27	14.365	2091	2096	2099	rBV3	2841093	5047942	4.73%	0.751%
28	14.402	2099	2102	2105	rVV2	3361015	4324398	4.05%	0.643%
29	14.438	2105	2108	2115	rVB	4663707	6283660	5.89%	0.934%
30	14.512	2115	2120	2123	rBV	5041901	7145385	6.70%	1.062%
31	14.670	2141	2146	2148	rBV4	636020	1263394	1.18%	0.188%
32	14.737	2151	2157	2164	rBV	47841510	69804326	65.43%	10.379%
33	14.810	2164	2169	2171	rBV2	5135642	8140599	7.63%	1.210%
34	14.853	2172	2176	2183	rVV	14247950	25470199	23.87%	3.787%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

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

35	14.987	2192	2198	2202	rBV5	3676759	7847044	7.36%	1.167%
36	15.073	2209	2212	2219	rVB2	4852260	8142652	7.63%	1.211%
37	15.176	2219	2229	2233	rBV4	19941686	53968156	50.58%	8.025%
38	15.225	2233	2237	2240	rVV	18857004	30385467	28.48%	4.518%
39	15.268	2240	2244	2251	rVV3	25513452	47186426	44.23%	7.016%
40	15.341	2251	2256	2263	rVB	30202016	54813348	51.38%	8.150%
41	15.408	2263	2267	2274	rBV4	5660299	12101977	11.34%	1.799%
42	15.572	2288	2294	2302	rVB	64357902	106689720	100.00%	15.864%
43	15.682	2302	2312	2316	rBV4	6897630	21727440	20.37%	3.231%
44	15.889	2342	2346	2357	rVB7	3619502	11142279	10.44%	1.657%
45	16.017	2363	2367	2371	rBV2	2954768	5249145	4.92%	0.781%
46	16.109	2377	2382	2386	rVB2	3206024	4984036	4.67%	0.741%
47	16.158	2386	2390	2393	rBV	2458134	3915593	3.67%	0.582%
48	16.237	2399	2403	2409	rVB2	4205387	7771815	7.28%	1.156%
49	16.304	2410	2414	2423	rVB3	1773232	4155027	3.89%	0.618%
50	16.511	2443	2448	2460	rVB	3944863	7972266	7.47%	1.185%
51	16.682	2473	2476	2484	rVB4	986261	2081662	1.95%	0.310%

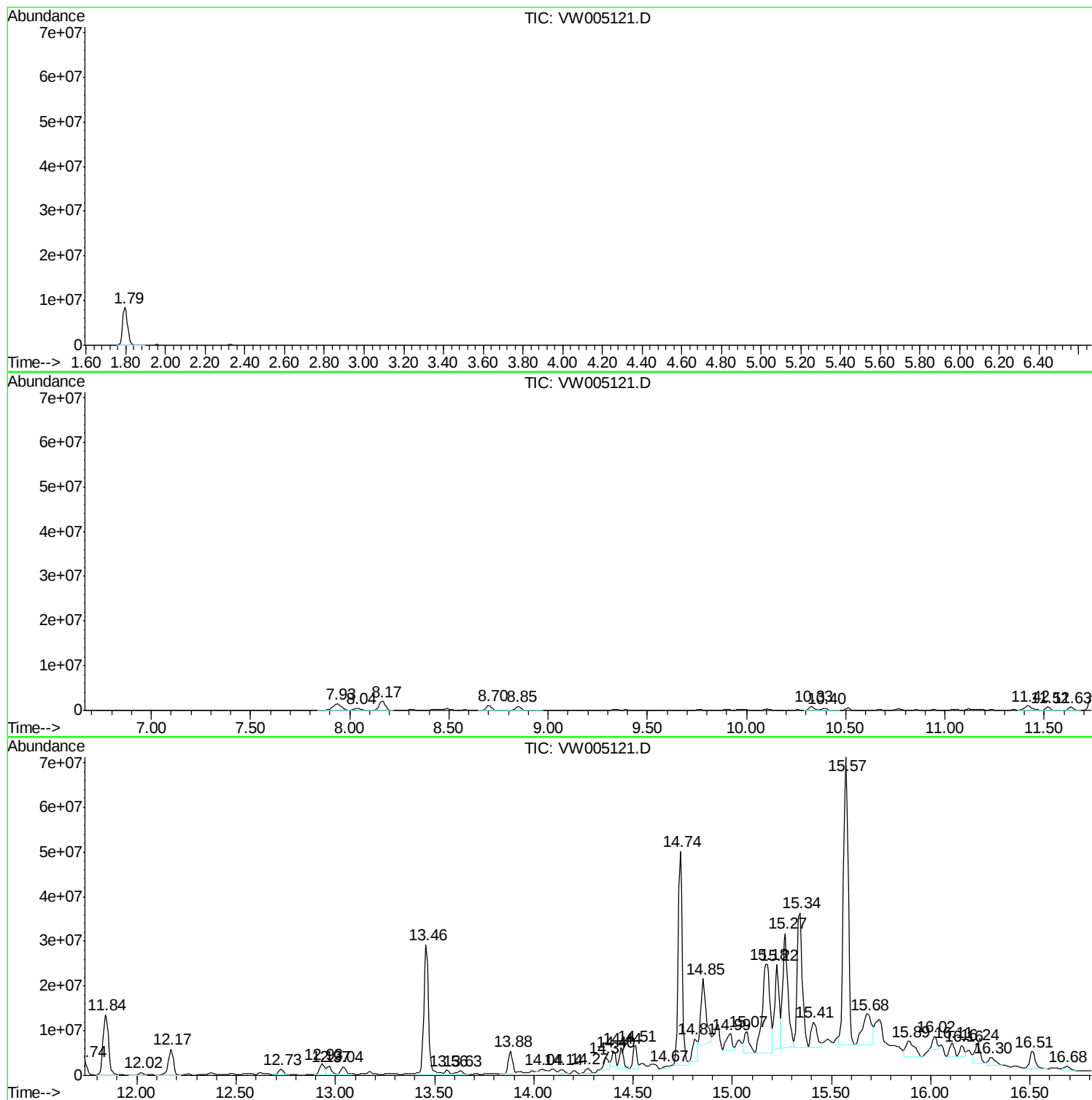
Sum of corrected areas: 672528618

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

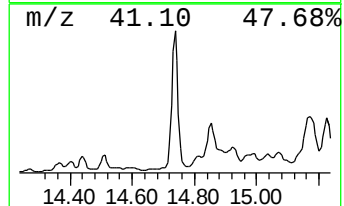
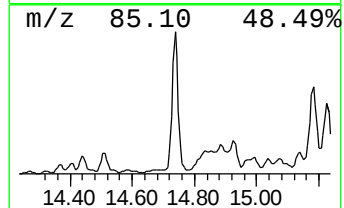
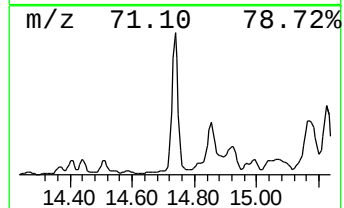
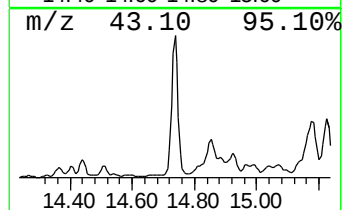
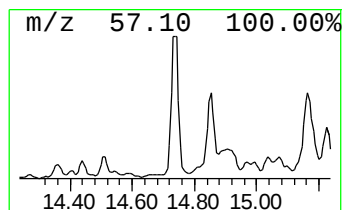
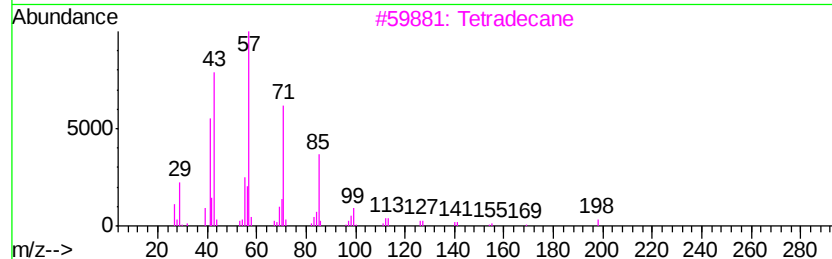
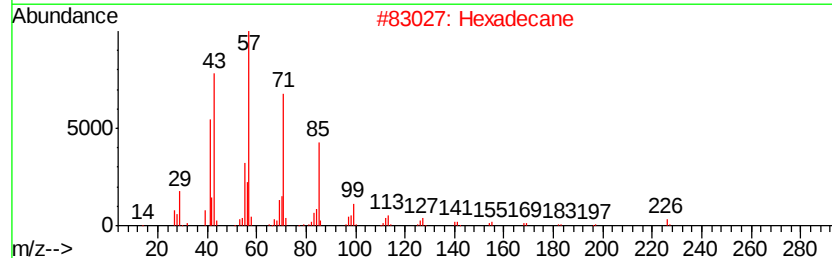
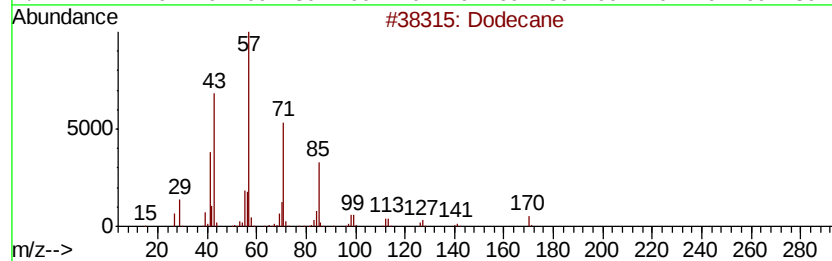
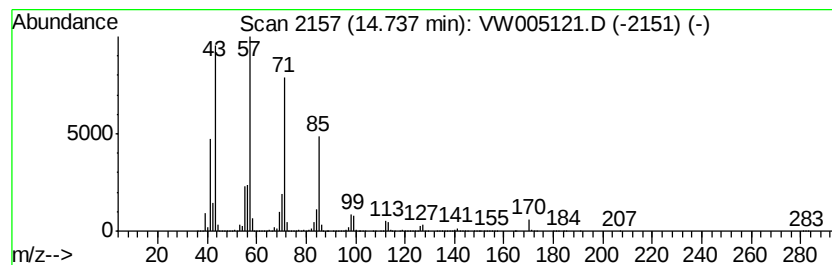
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 2 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2267.02 ug/l	69804300	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

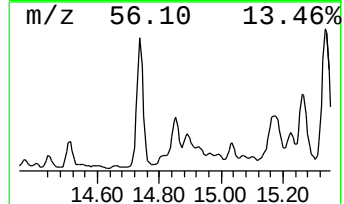
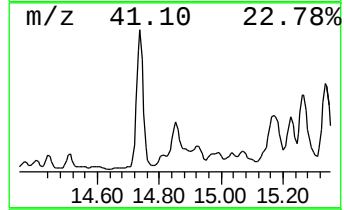
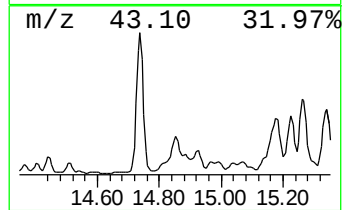
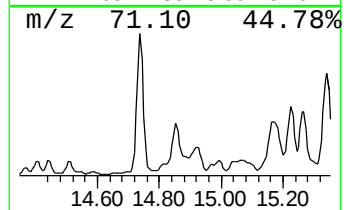
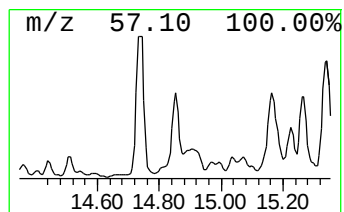
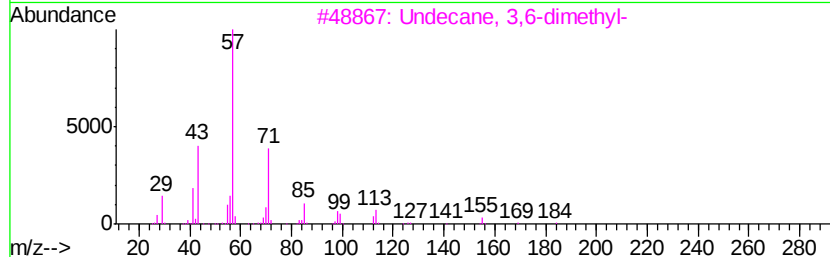
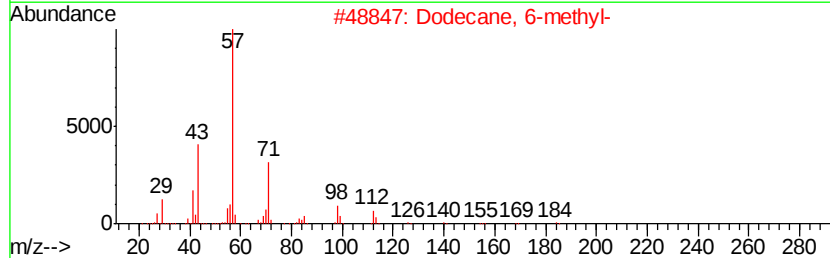
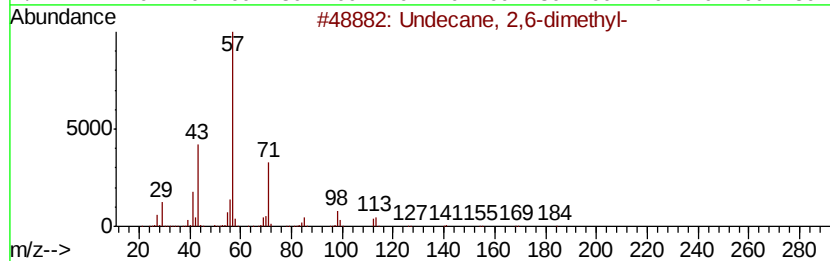
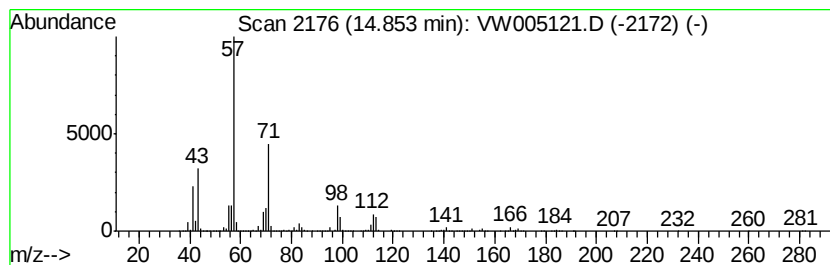
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	827.19 ug/l	25470200	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91	
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90	
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90	
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78	
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	64	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

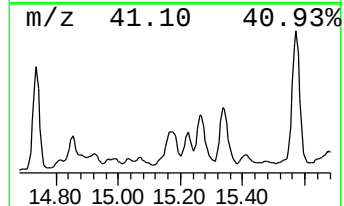
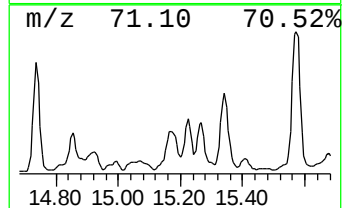
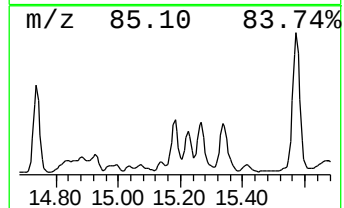
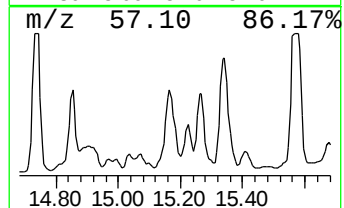
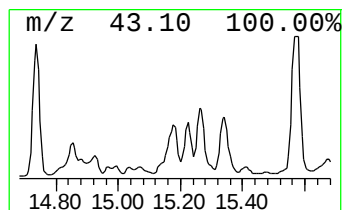
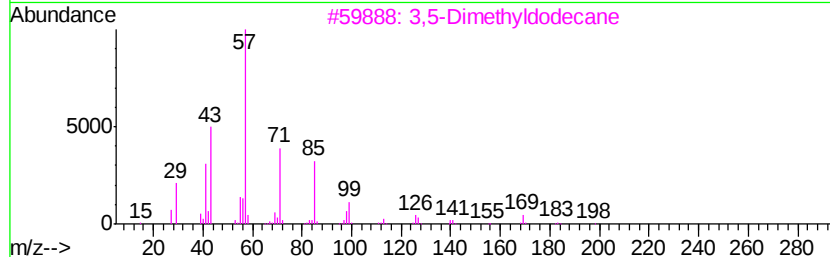
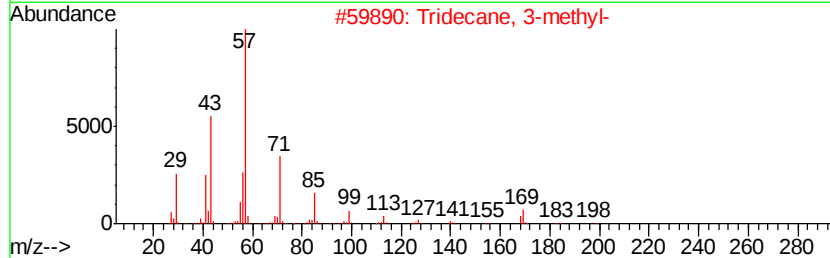
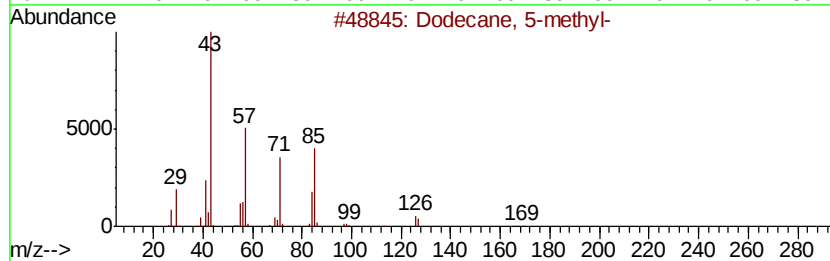
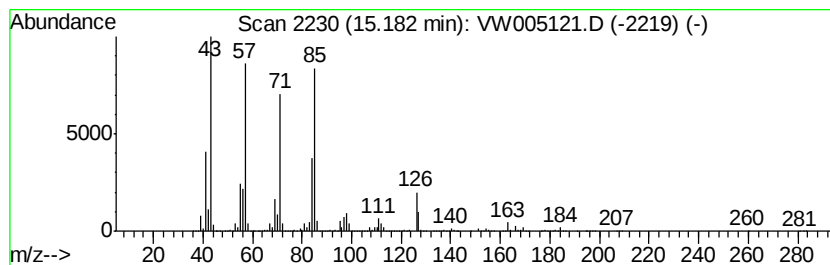
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 4 Dodecane, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	1752.71 ug/l	53968200	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	78
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	76
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005121.D
 Acq On : 05 Sep 2018 10:38
 Operator : SY/AP
 Sample : J4712-13
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

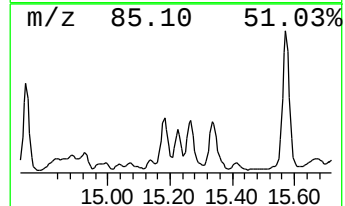
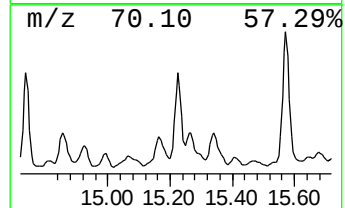
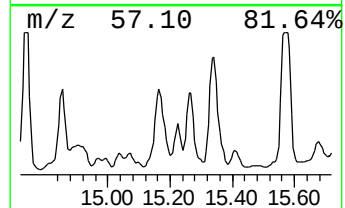
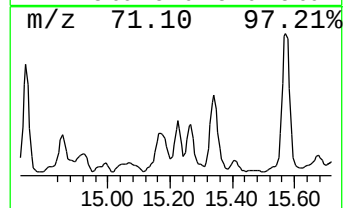
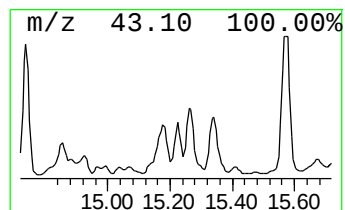
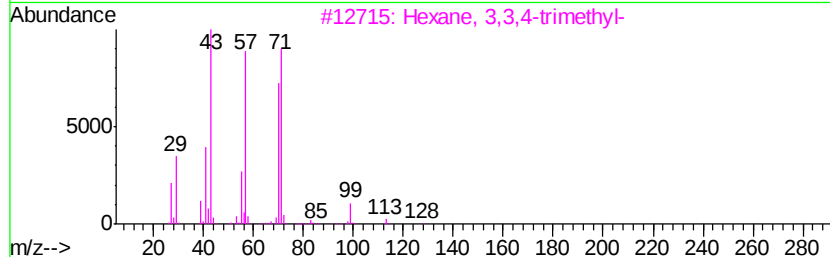
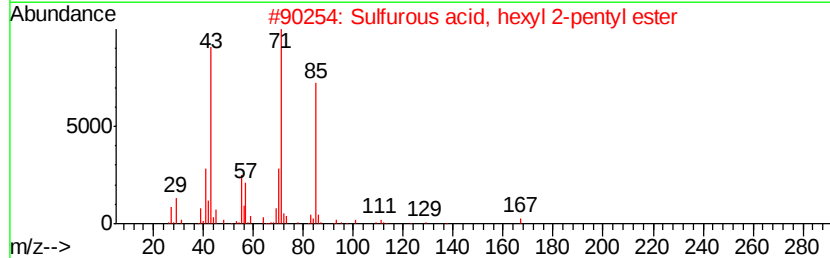
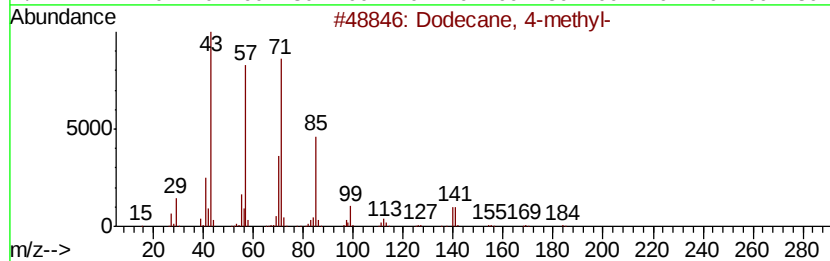
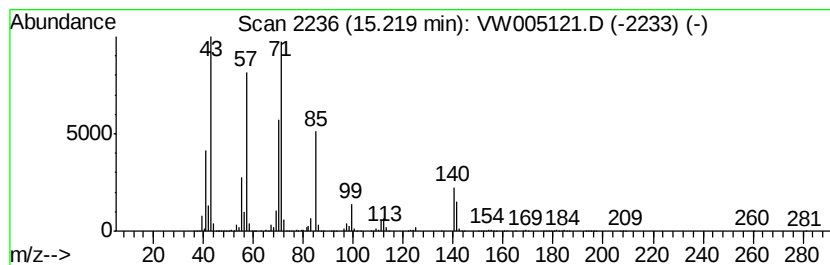
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260

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

 Peak Number 5 Dodecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	986.82 ug/l	30385500	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
2			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
3			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	49
4			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	47
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

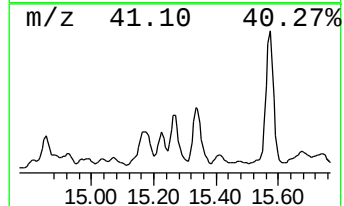
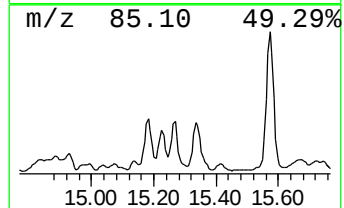
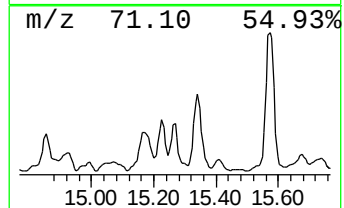
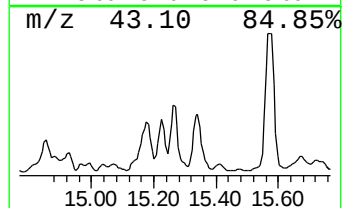
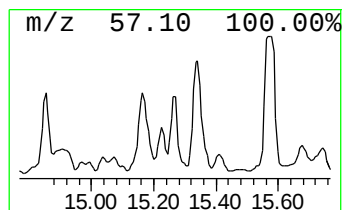
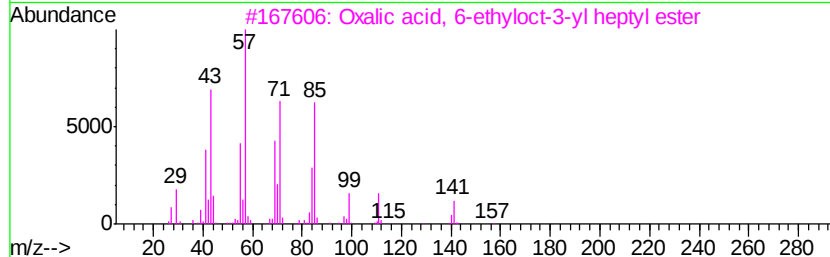
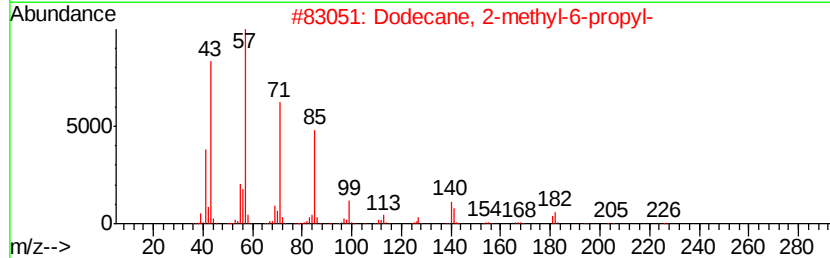
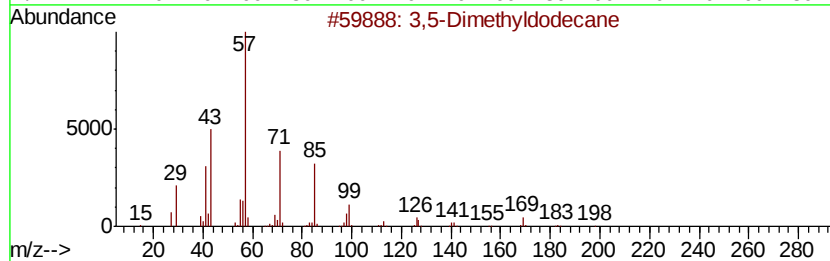
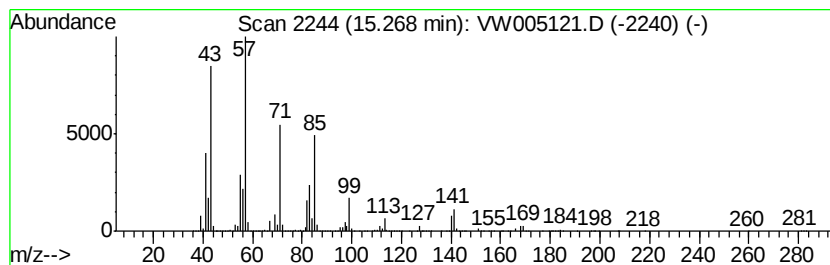
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 6 3,5-Dimethyldodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	1532.46 ug/l	47186400	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
3		Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	59
4		1-Iodoundecane	282	C11H23I	004282-44-4	58
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

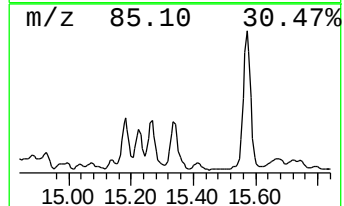
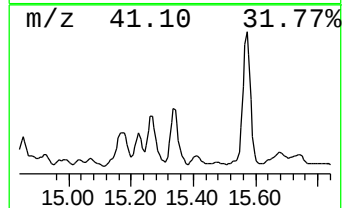
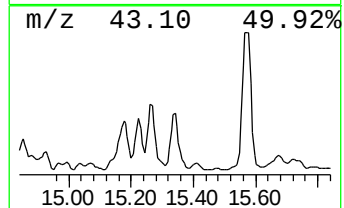
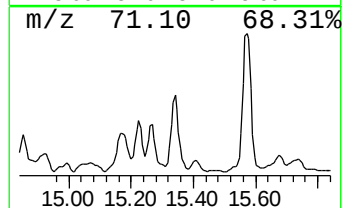
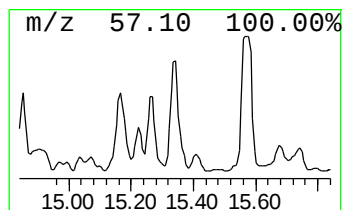
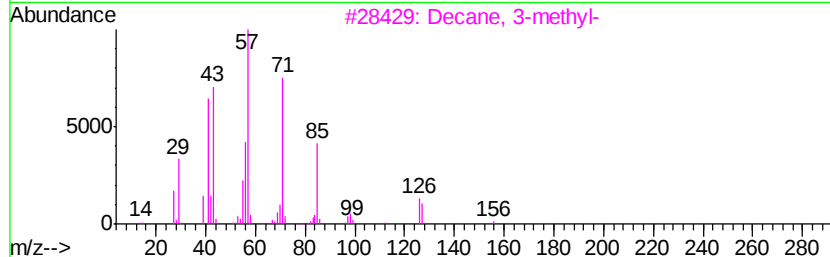
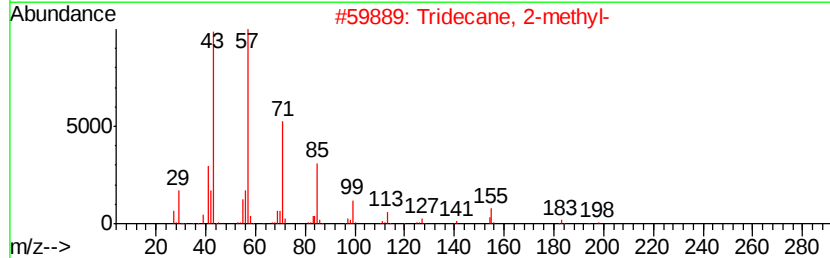
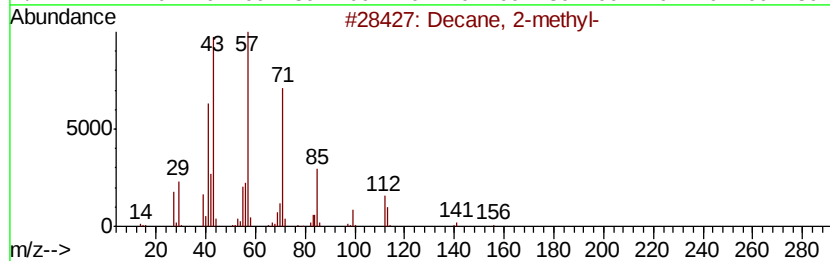
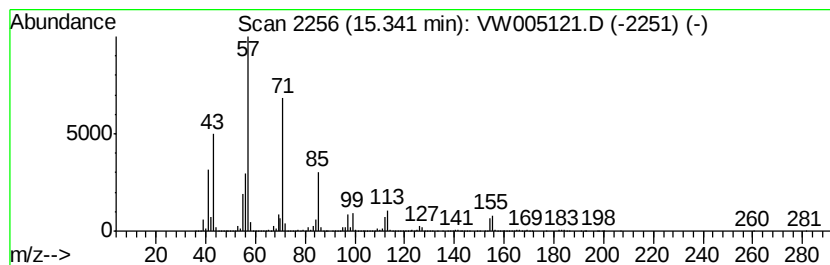
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	1780.16 ug/l	54813300	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
3		Decane, 3-methyl-	156	C11H24	013151-34-3	68
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005121.D
 Acq On : 05 Sep 2018 10:38
 Operator : SY/AP
 Sample : J4712-13
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

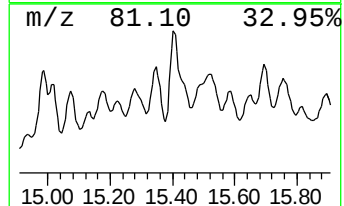
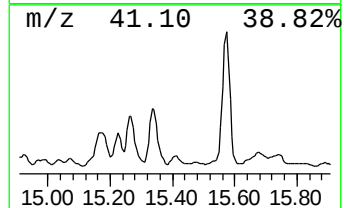
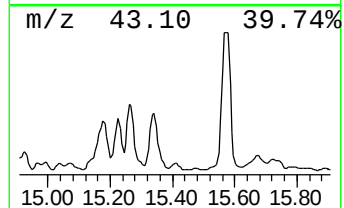
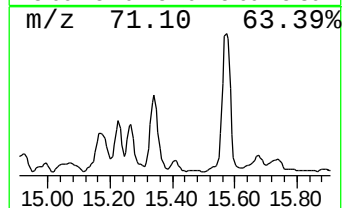
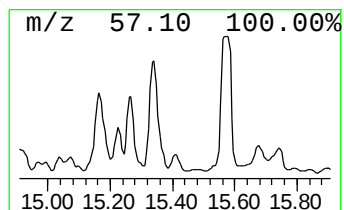
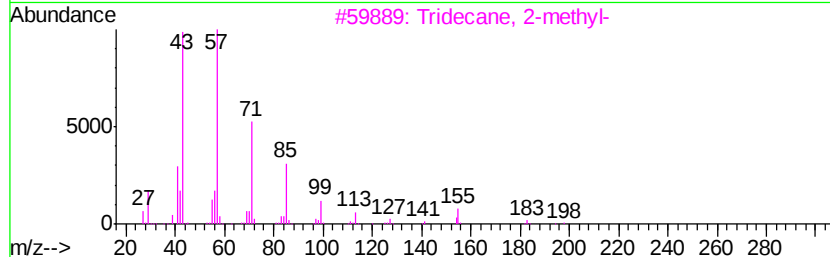
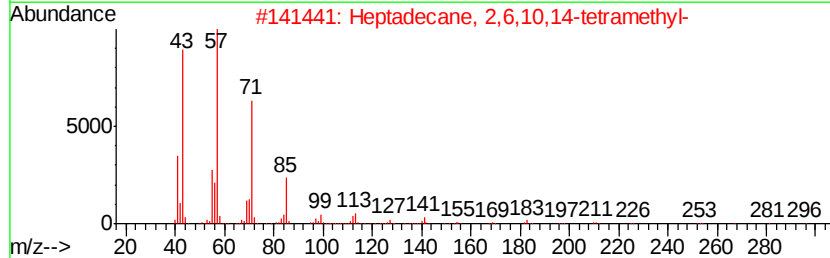
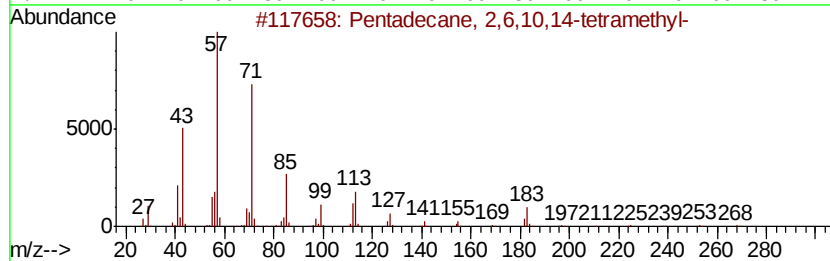
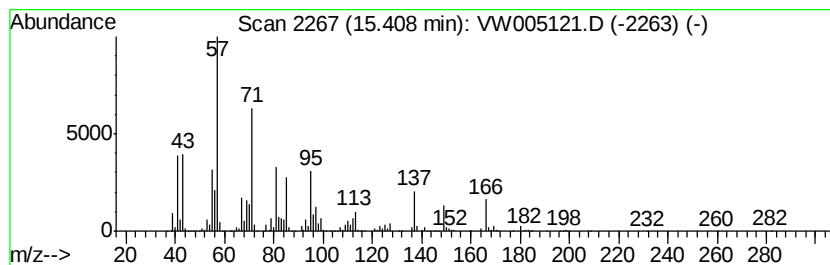
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260

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

 Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	393.03 ug/l	12102000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	49
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	49
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

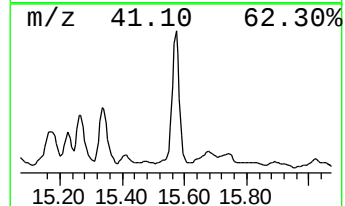
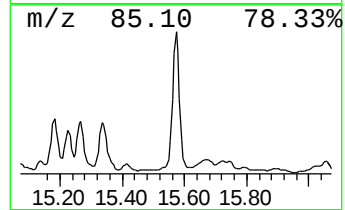
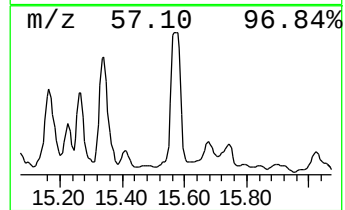
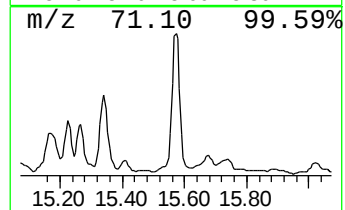
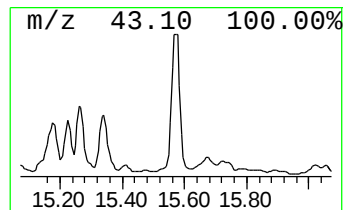
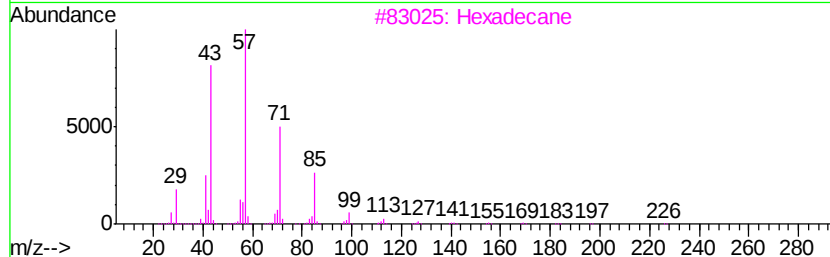
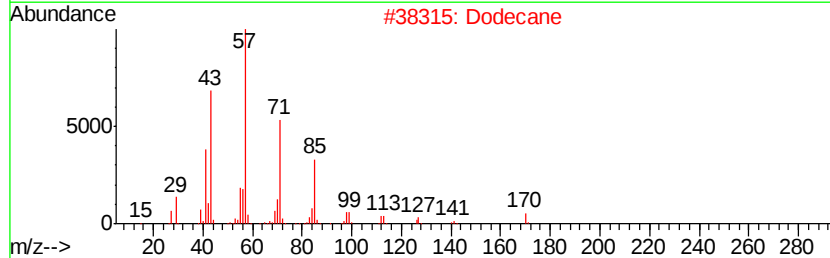
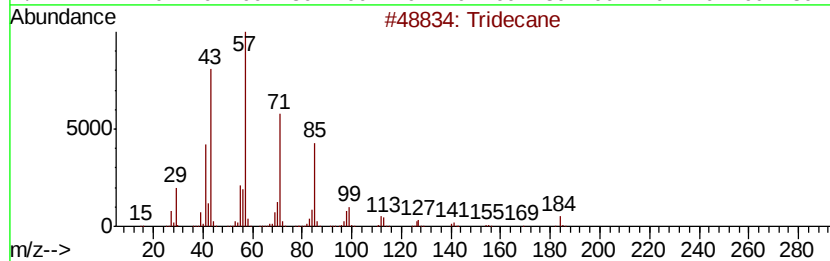
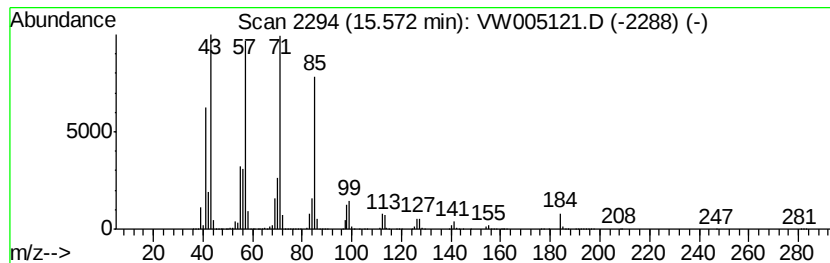
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3464.94 ug/l	106690000	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Dodecane	170	C12H26	000112-40-3	86
3		Hexadecane	226	C16H34	000544-76-3	64
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005121.D
 Acq On : 05 Sep 2018 10:38
 Operator : SY/AP
 Sample : J4712-13
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-09

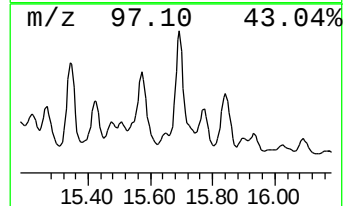
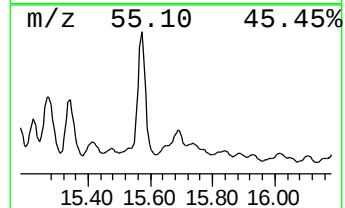
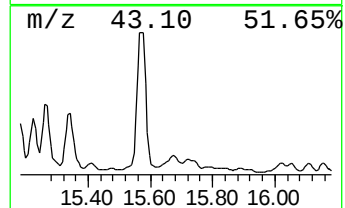
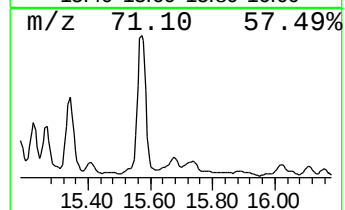
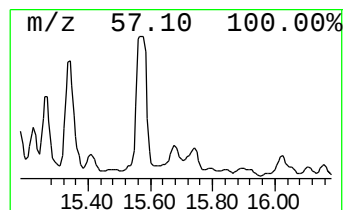
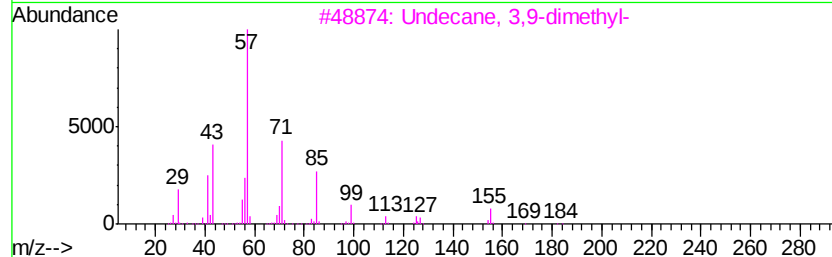
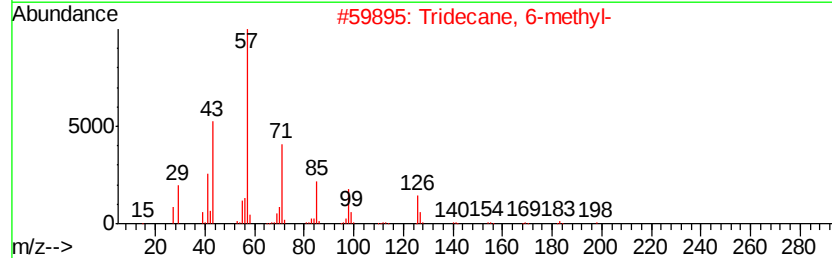
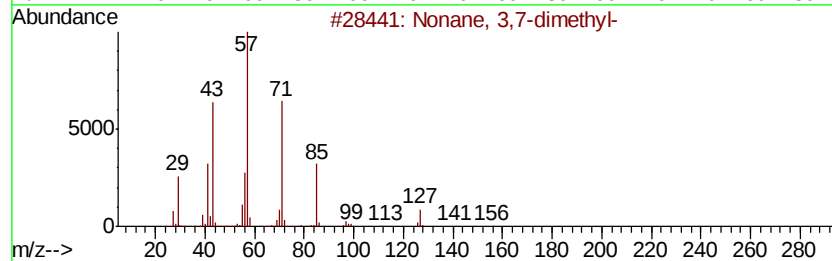
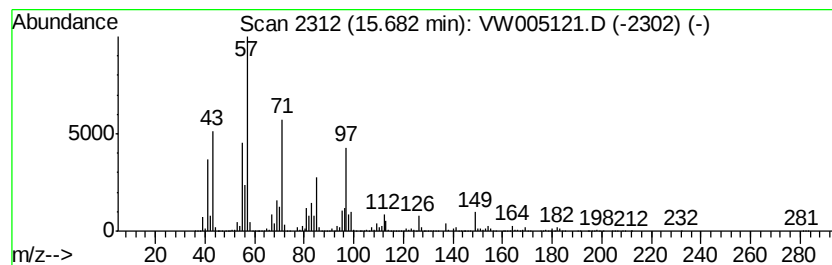
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260

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

 Peak Number 10 unknown15.68 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	705.64 ug/l	21727400	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	49
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	46
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005121.D
Acq On : 05 Sep 2018 10:38
Operator : SY/AP
Sample : J4712-13
Misc : 6.47G/5ML/MSVOA_W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DW-09

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
Cyclohexane, 1-me...	13.46	1498.8	ug/l	46149000	4	13.57	1539560	50.0
Dodecane	14.74	2267.0	ug/l	69804300	4	13.57	1539560	50.0
Undecane, 2,6-dim...	14.85	827.2	ug/l	25470200	4	13.57	1539560	50.0
Dodecane, 5-methyl-	15.18	1752.7	ug/l	53968200	4	13.57	1539560	50.0
Dodecane, 4-methyl-	15.22	986.8	ug/l	30385500	4	13.57	1539560	50.0
3,5-Dimethyldodecane	15.27	1532.5	ug/l	47186400	4	13.57	1539560	50.0
Decane, 2-methyl-	15.34	1780.2	ug/l	54813300	4	13.57	1539560	50.0
Pentadecane, 2,6,...	15.41	393.0	ug/l	12102000	4	13.57	1539560	50.0
Tridecane	15.57	3464.9	ug/l	106690000	4	13.57	1539560	50.0
unknown15.68	15.68	705.6	ug/l	21727400	4	13.57	1539560	50.0