

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012832.D
 Acq On : 09 Sep 2019 19:51
 Operator : SY/VA
 Sample : K4655-02
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15-S2

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\82W090719S.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	1.953	6	8	29	rVB3	14456	37566	3.64%	0.552%
2	2.148	35	40	47	rBV	6005	12280	1.19%	0.180%
3	4.129	356	365	375	rBV	9649	27432	2.66%	0.403%
4	4.915	480	494	508	rBV2	16956	68351	6.63%	1.004%
5	5.940	655	662	670	rVB5	4735	13354	1.29%	0.196%
6	7.141	848	859	872	rBV2	43671	129199	12.52%	1.897%
7	7.878	971	980	985	rBV	136471	324284	31.44%	4.762%
8	7.945	985	991	1001	rVB	286977	633559	61.42%	9.305%
9	8.299	1033	1049	1060	rBV	146185	331558	32.14%	4.869%
10	8.842	1129	1138	1147	rBV	402703	809412	78.47%	11.887%
11	10.323	1373	1381	1390	rBV	578695	1031532	100.00%	15.149%
12	10.707	1437	1444	1448	rBV	9107	17273	1.67%	0.254%
13	11.231	1525	1530	1533	rVB3	8943	13366	1.30%	0.196%
14	11.628	1588	1595	1607	rVB	470705	794542	77.03%	11.669%
15	11.823	1620	1627	1633	rBV4	10122	27324	2.65%	0.401%
16	11.890	1633	1638	1646	rVB9	13027	33365	3.23%	0.490%
17	11.969	1646	1651	1656	rBV6	8646	18206	1.76%	0.267%
18	12.121	1671	1676	1684	rBV8	13536	39233	3.80%	0.576%
19	12.243	1695	1696	1701	rVB2	9353	10617	1.03%	0.156%
20	12.359	1704	1715	1721	rBV5	24110	79918	7.75%	1.174%
21	12.438	1724	1728	1732	rBV6	15045	29605	2.87%	0.435%
22	12.615	1750	1757	1764	rBV	347769	573622	55.61%	8.424%
23	12.774	1779	1783	1789	rVB2	41564	67602	6.55%	0.993%
24	12.859	1790	1797	1803	rBV8	23845	78084	7.57%	1.147%
25	13.042	1823	1827	1829	rBV5	6958	13247	1.28%	0.195%
26	13.079	1830	1833	1838	rVB4	20548	32879	3.19%	0.483%
27	13.164	1843	1847	1851	rBV	34325	52578	5.10%	0.772%
28	13.292	1859	1868	1871	rBV10	41609	107046	10.38%	1.572%
29	13.554	1906	1911	1919	rVB	330203	545121	52.85%	8.006%
30	13.694	1931	1934	1939	rVB2	33687	50250	4.87%	0.738%
31	13.877	1959	1964	1968	rBV5	35065	61457	5.96%	0.903%
32	14.127	2003	2005	2011	rVB2	29960	38535	3.74%	0.566%
33	14.200	2012	2017	2022	rBV4	22417	46755	4.53%	0.687%
34	14.261	2024	2027	2032	rVV7	18333	33966	3.29%	0.499%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Title : SW846 8260

35	14.383	2043	2047	2054	rVB5	48205	79827	7.74%	1.172%
36	14.548	2070	2074	2080	rVB7	34808	59162	5.74%	0.869%
37	14.798	2111	2115	2118	rBV5	25493	45007	4.36%	0.661%
38	14.847	2119	2123	2130	rVB5	31403	65841	6.38%	0.967%
39	15.060	2154	2158	2163	rVB9	26700	46471	4.51%	0.682%
40	15.322	2198	2201	2208	rVB3	38280	71334	6.92%	1.048%
41	15.401	2209	2214	2220	rBV8	26972	65769	6.38%	0.966%
42	16.285	2356	2359	2367	rVB5	19445	38442	3.73%	0.565%
43	16.645	2410	2418	2429	rVB8	44036	154169	14.95%	2.264%

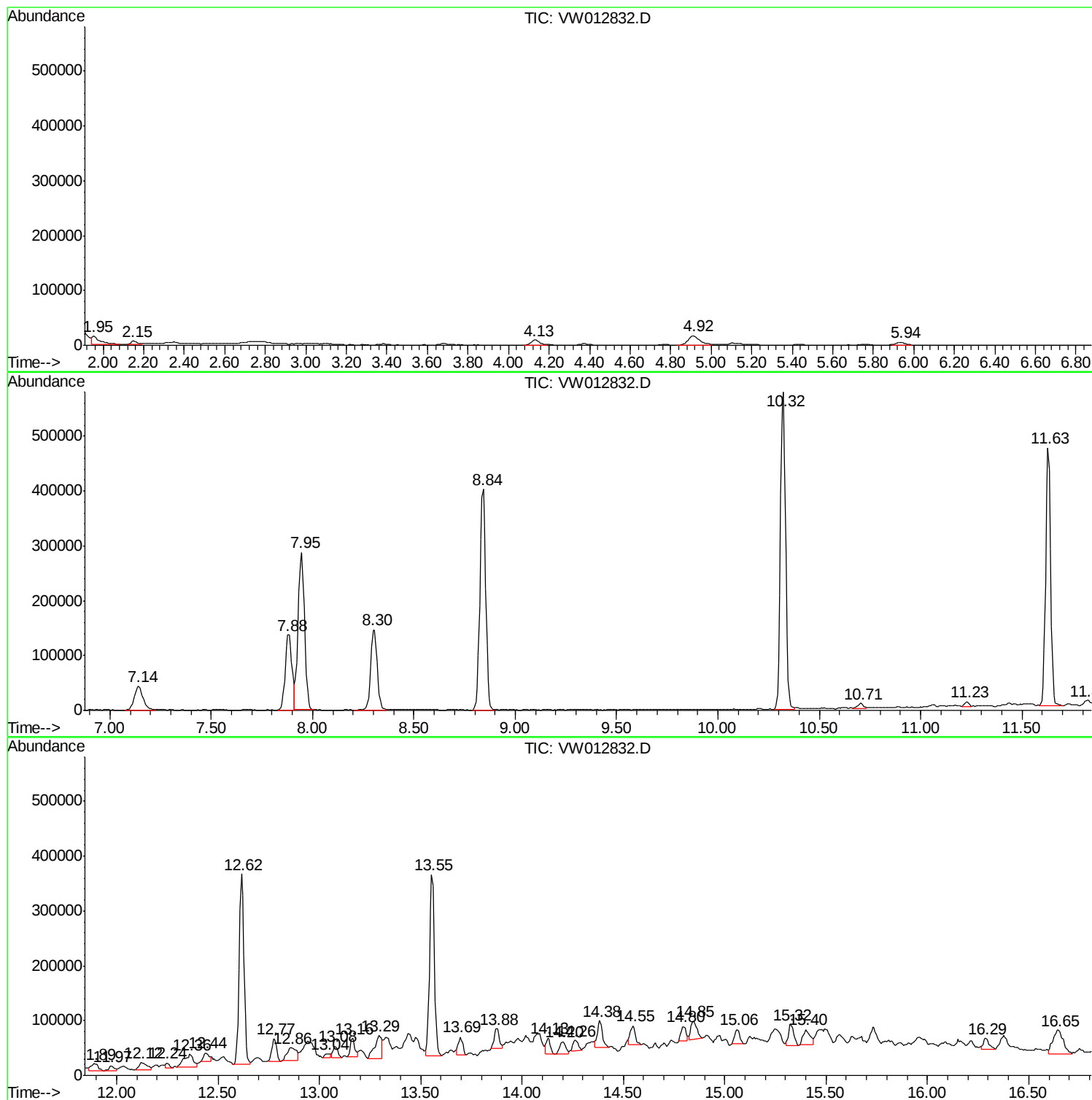
Sum of corrected areas: 6809140

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

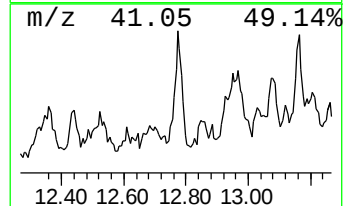
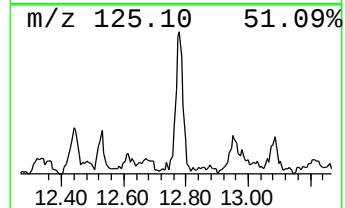
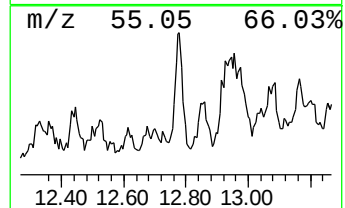
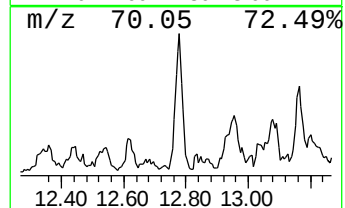
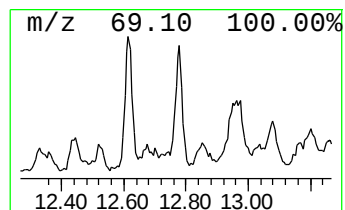
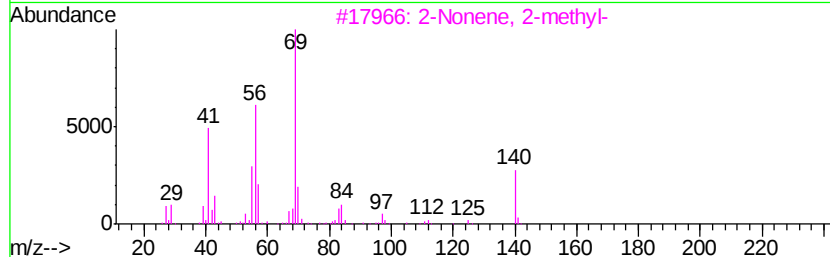
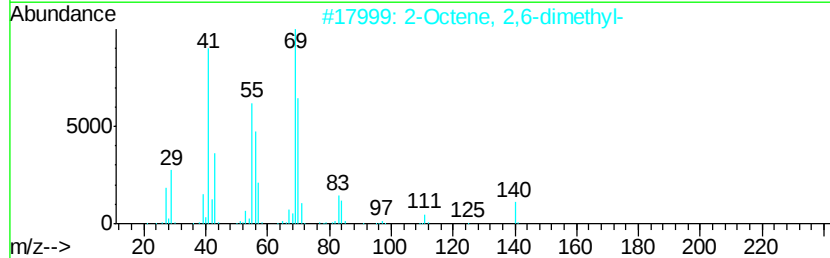
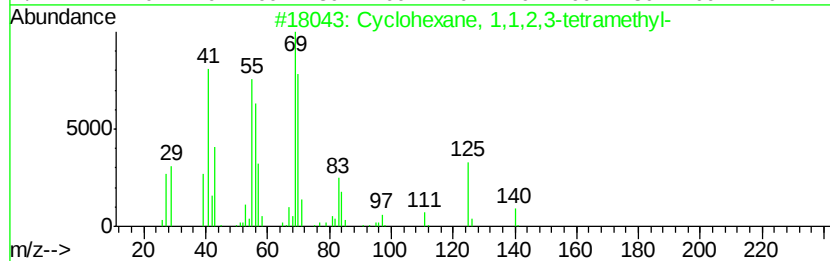
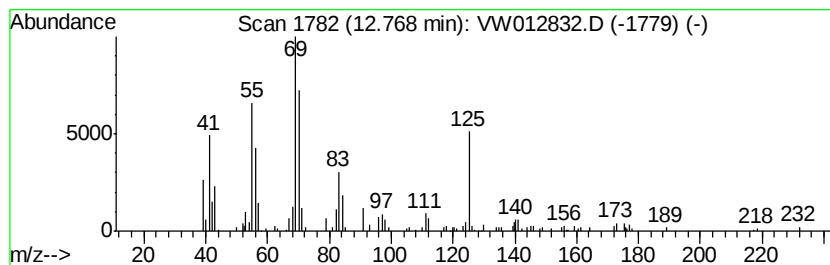
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.20 ug/l	67602	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	94
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
3		2-Nonene, 2-methyl-	140	C10H20	002129-95-5	49
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

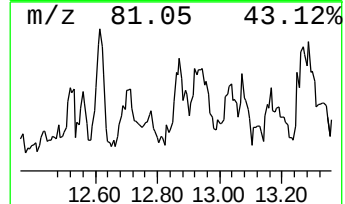
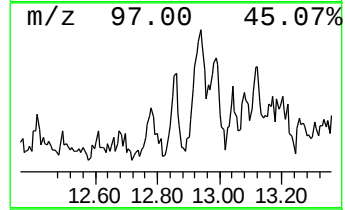
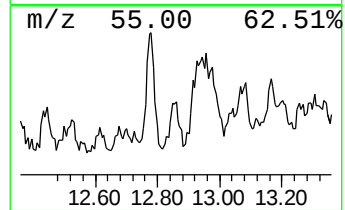
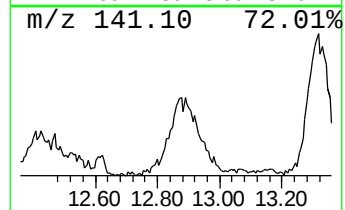
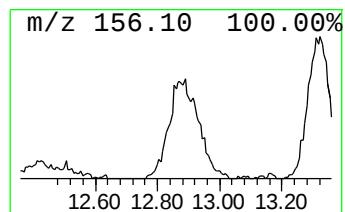
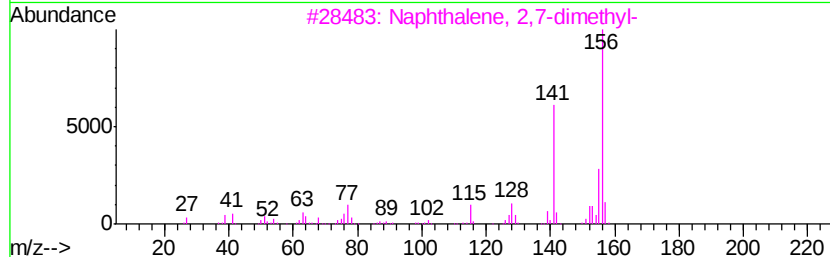
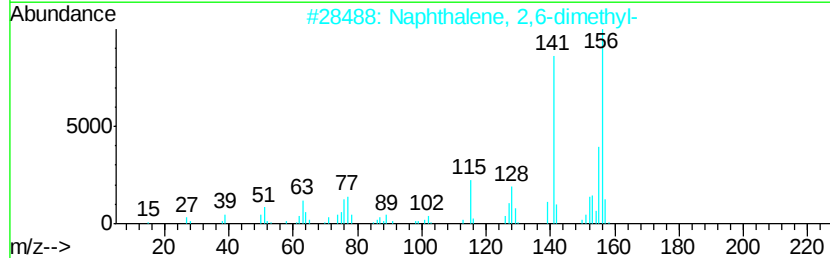
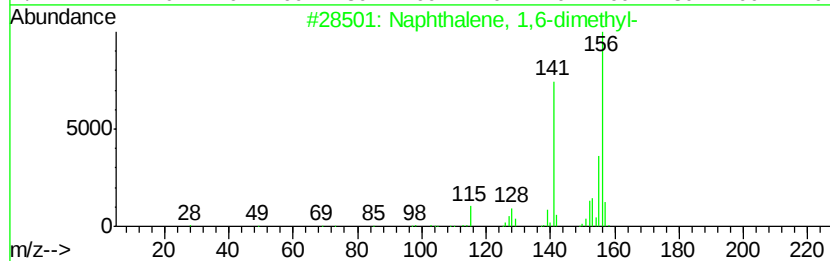
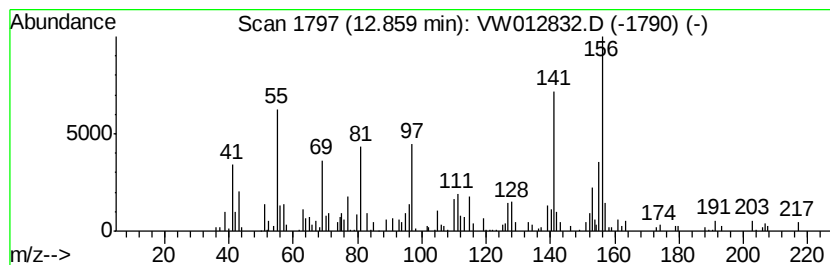
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	7.16 ug/l	78084	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

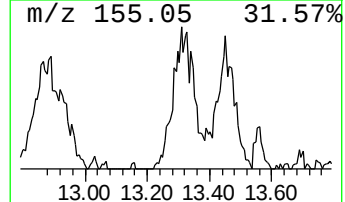
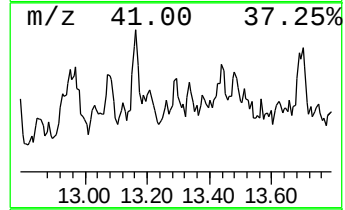
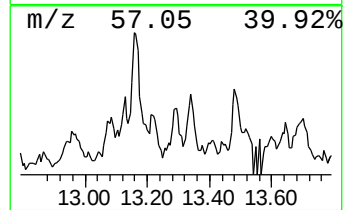
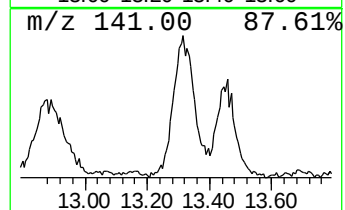
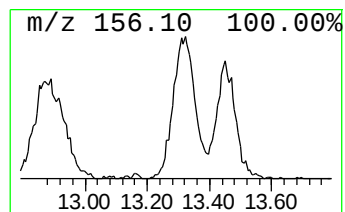
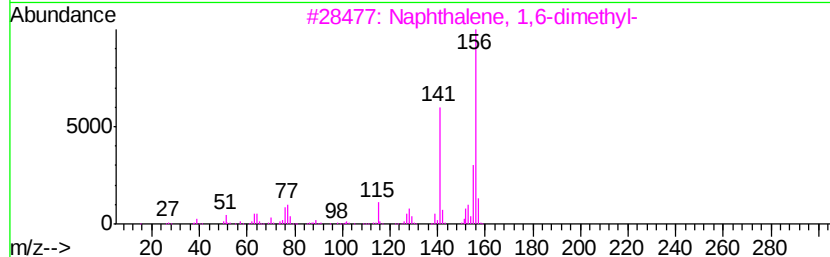
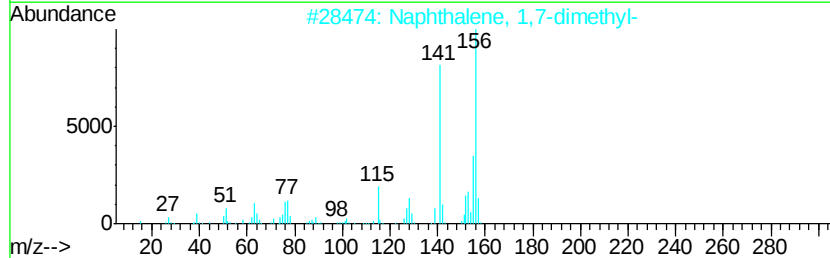
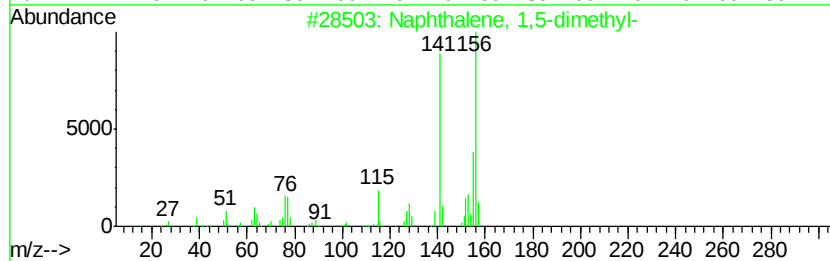
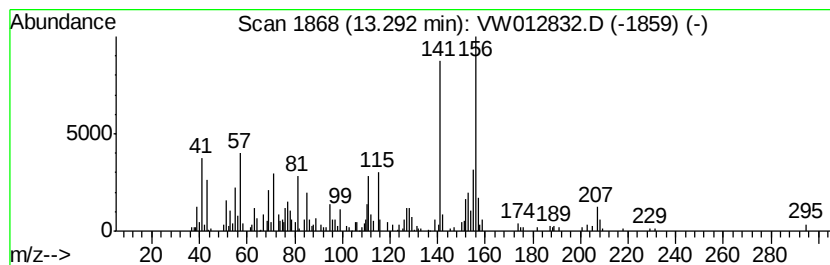
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	9.82 ug/l	107046	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
TP-15-S2

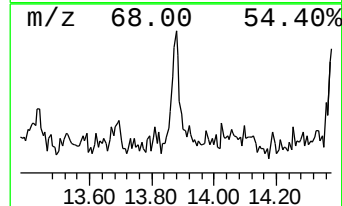
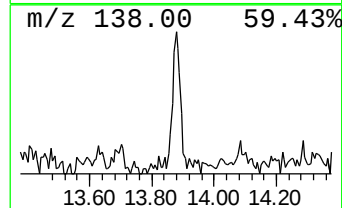
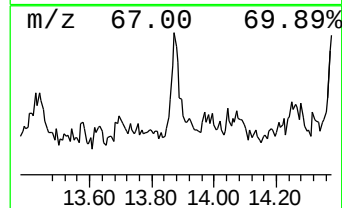
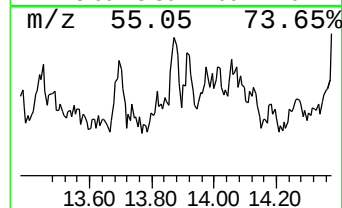
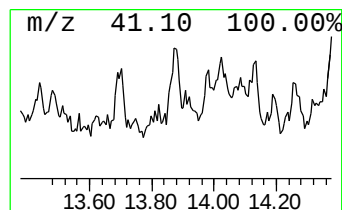
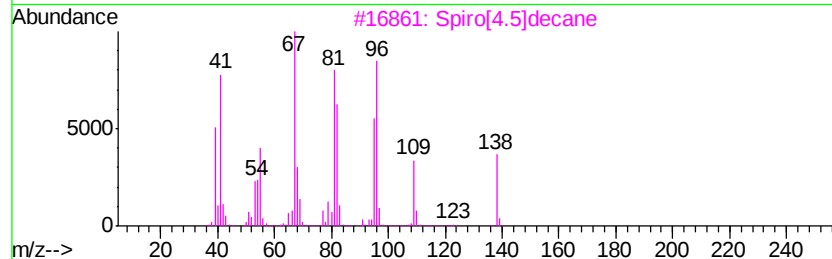
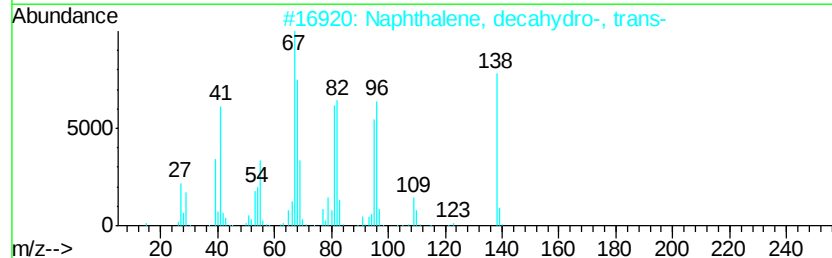
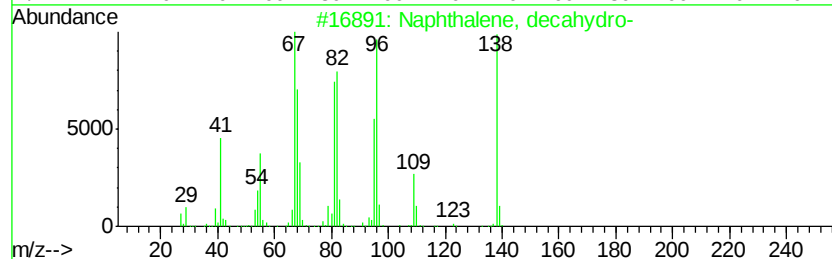
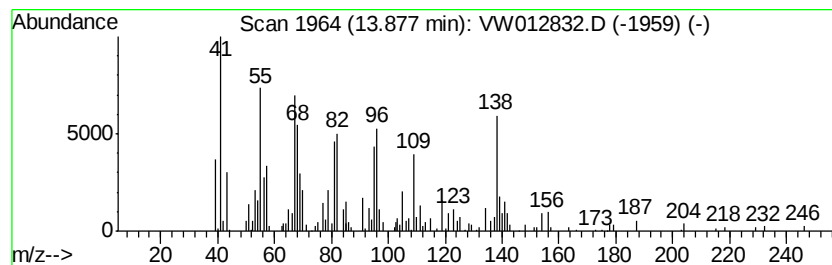
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.64 ug/l	61457	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3		Spiro[4.5]decane	138	C10H18	000176-63-6	86
4		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
5		2-Cyclohexen-1-one, 4-(1-methyle...	138	C9H14O	000500-02-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

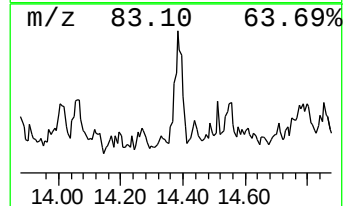
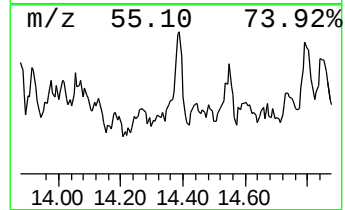
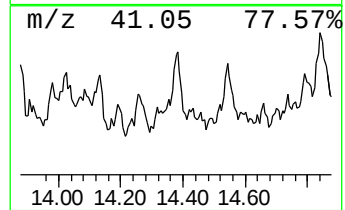
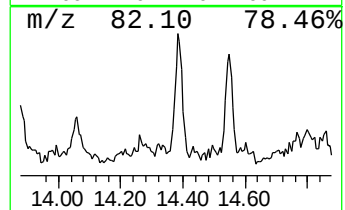
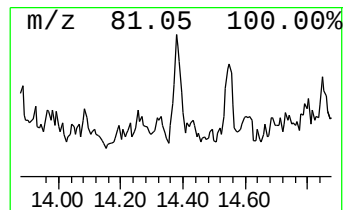
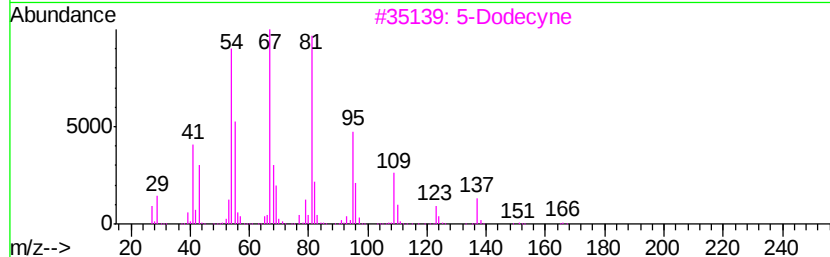
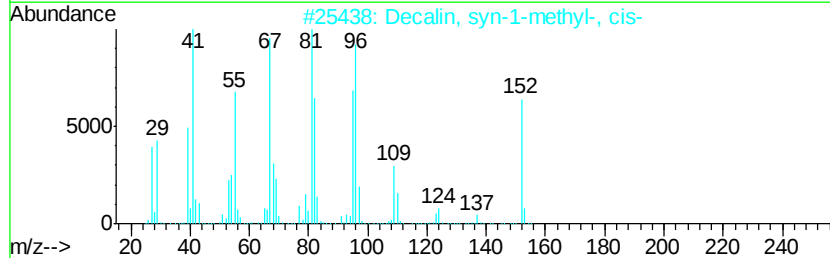
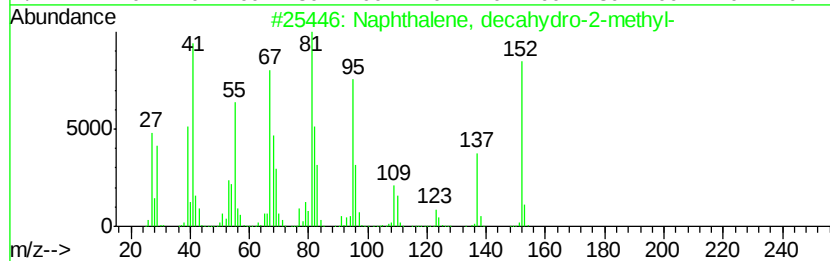
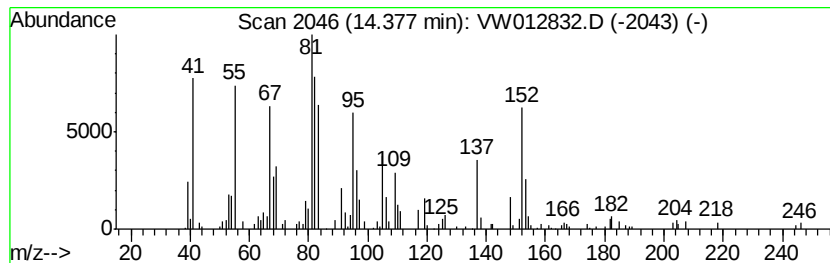
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.32 ug/l	79827	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
2		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49
3		5-Dodecyne	166	C12H22	019780-12-2	41
4		Spiro[5.5]undecane	152	C11H20	000180-43-8	38
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

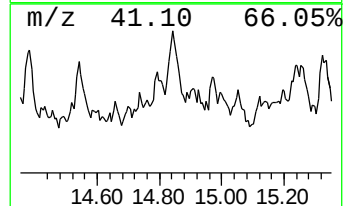
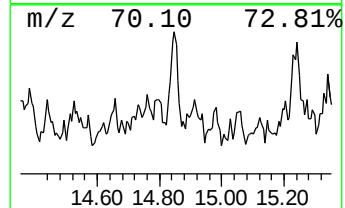
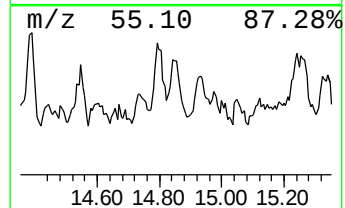
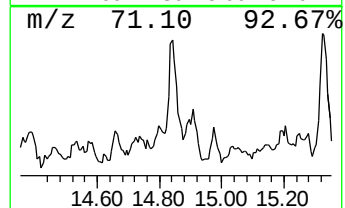
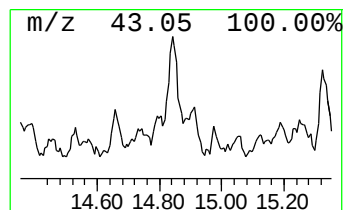
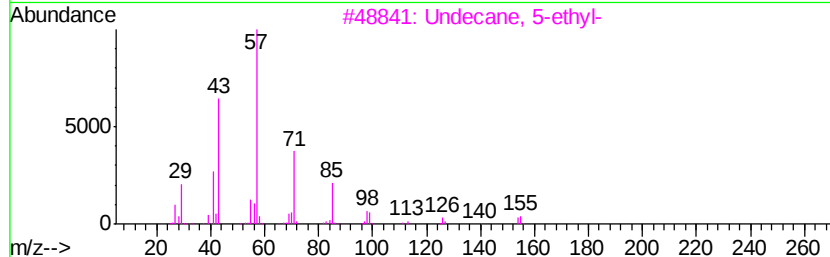
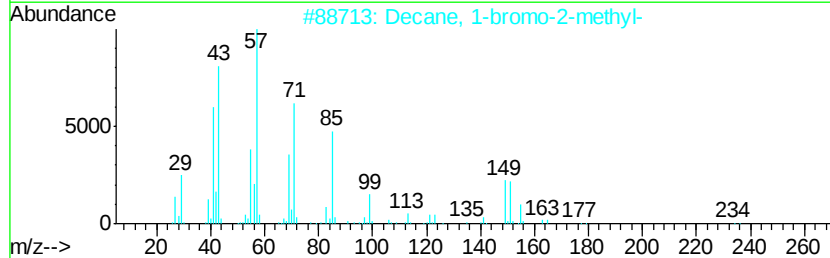
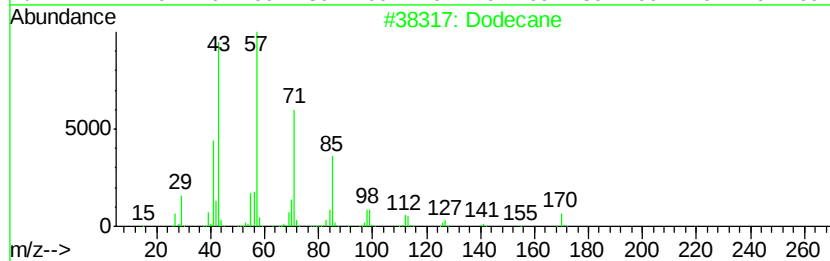
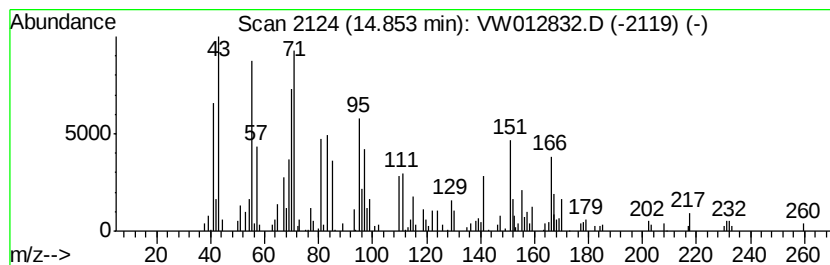
Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.04 ug/l	65841	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	49
2	Decane, 1-bromo-2-methyl-	234 C11H23Br	127839-47-8	38
3	Undecane, 5-ethyl-	184 C13H28	017453-94-0	35
4	Piperazine, 1,4-dimethyl-	114 C6H14N2	000106-58-1	30
5	Cyclohexanone, 4-(1,1-dimethylpr...	168 C11H20O	016587-71-6	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

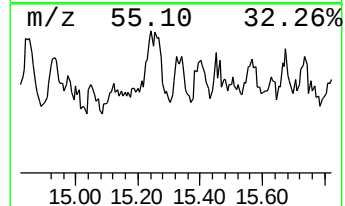
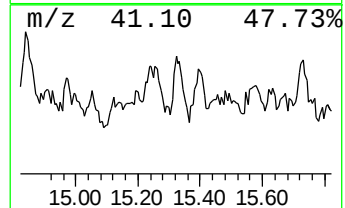
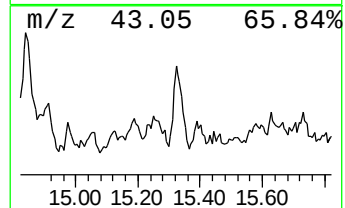
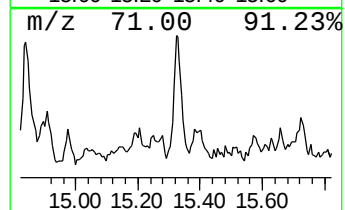
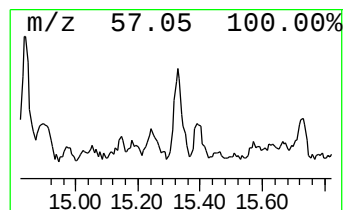
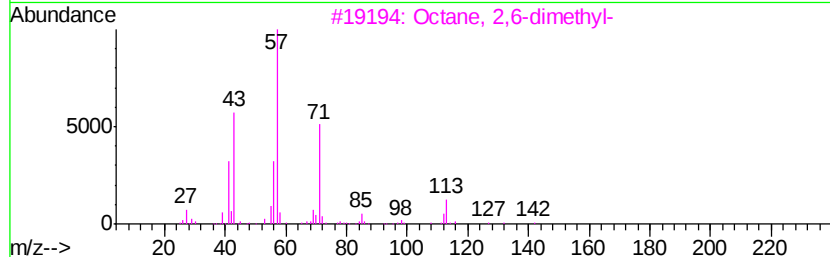
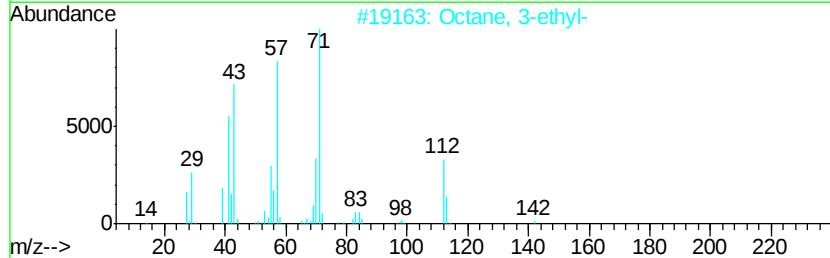
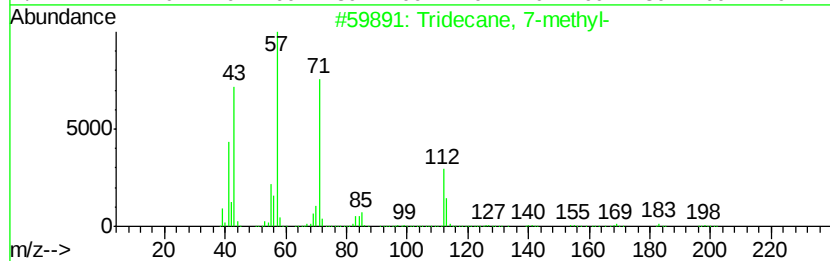
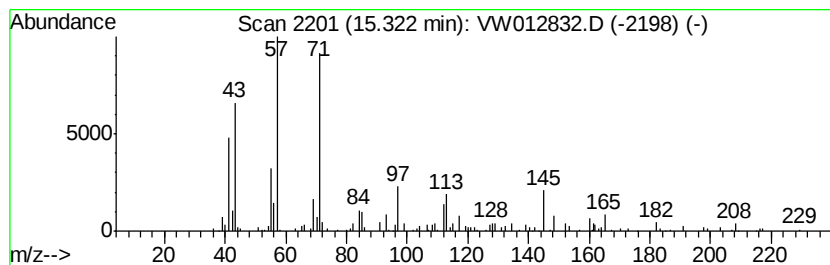
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 8 Tridecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.54 ug/l	71334	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	50
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5		Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

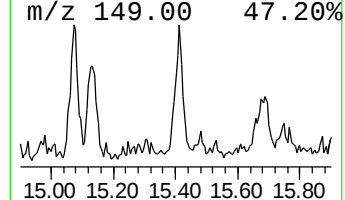
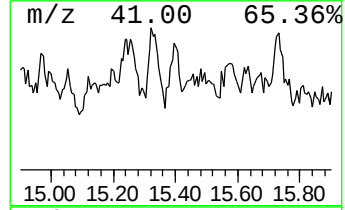
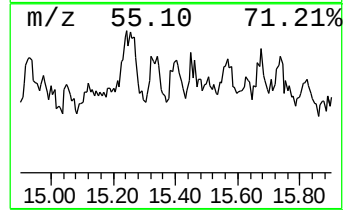
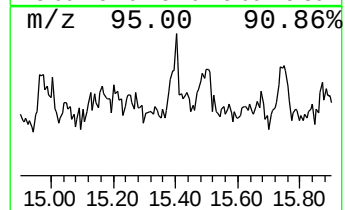
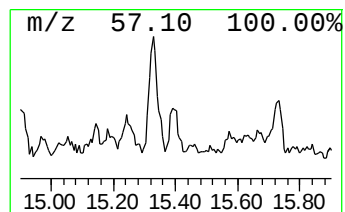
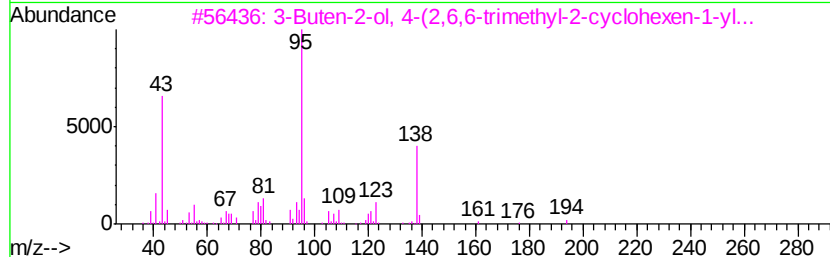
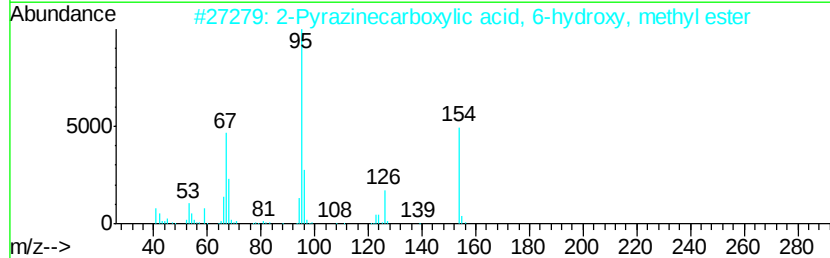
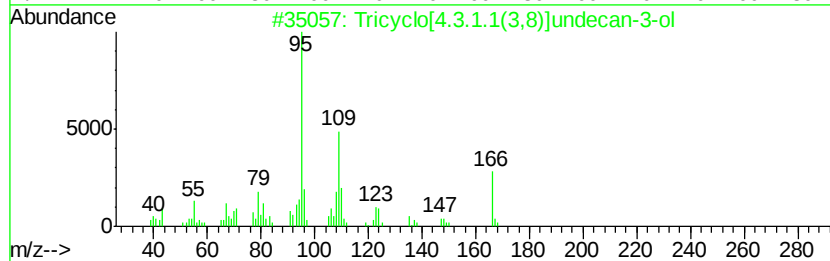
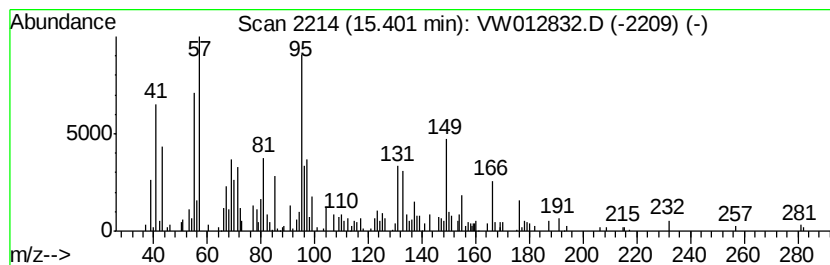
Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.40 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	6.03 ug/l	65769	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166 C11H18O	014504-80-4	38
2	2-Pyrazinecarboxylic acid, 6-hyd...	154 C6H6N2O3	013924-98-6	27
3	3-Buten-2-ol, 4-(2,6,6-trimethyl...	194 C13H22O	025312-34-9	25
4	Bicyclo[2.2.1]heptane, 2-ethyl-	124 C9H16	002146-41-0	25
5	Cyclohexene, 3-methyl-6-(1-methy...	138 C10H18	005256-65-5	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

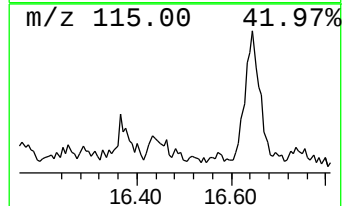
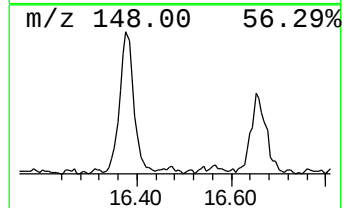
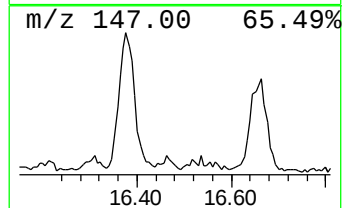
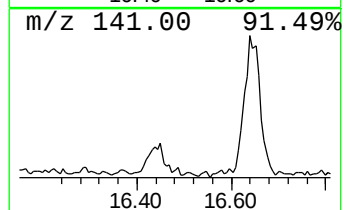
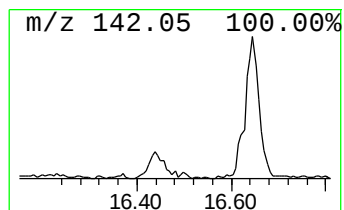
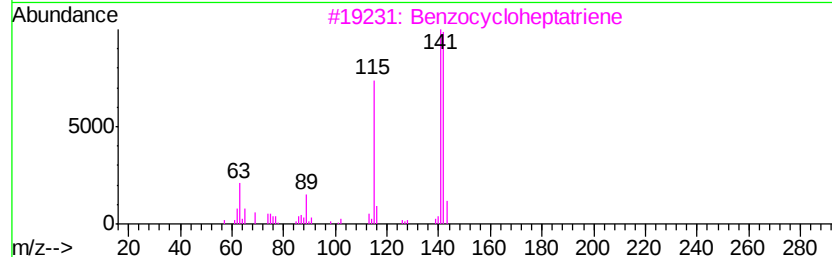
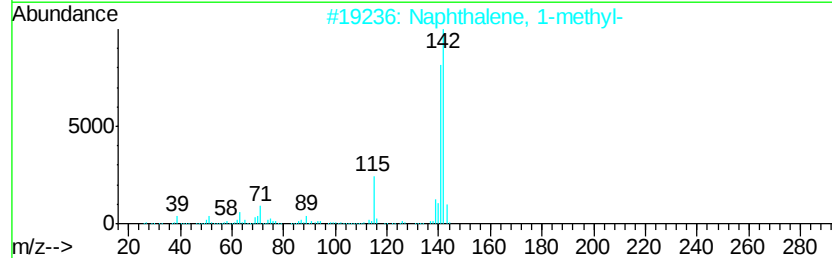
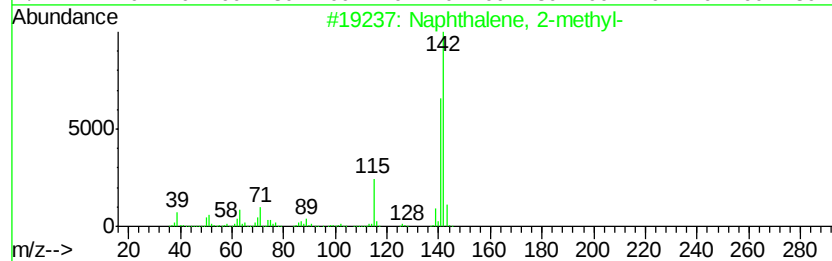
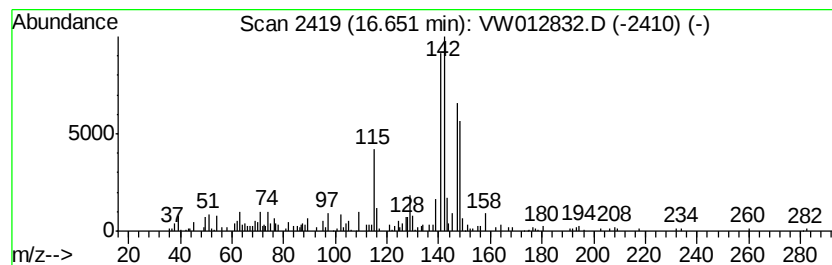
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	14.14 ug/l	154169	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	64
3		Benzocycloheptatriene	142	C11H10	000264-09-5	60
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	55
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Data File : VW012832.D
Acq On : 09 Sep 2019 19:51
Operator : SY/VA
Sample : K4655-02
Misc : 6.03G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-15-S2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.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, 1,1,...	12.77	6.2	ug/l	67602	4	13.55	545121	50.0
Naphthalene, 1,6-...	12.86	7.2	ug/l	78084	4	13.55	545121	50.0
Naphthalene, 1,5-...	13.29	9.8	ug/l	107046	4	13.55	545121	50.0
Naphthalene, deca...	13.88	5.6	ug/l	61457	4	13.55	545121	50.0
Naphthalene, deca...	14.38	7.3	ug/l	79827	4	13.55	545121	50.0
unknown14.85	14.85	6.0	ug/l	65841	4	13.55	545121	50.0
Tridecane, 7-methyl-	15.32	6.5	ug/l	71334	4	13.55	545121	50.0
unknown15.40	15.40	6.0	ug/l	65769	4	13.55	545121	50.0
Naphthalene, 1-me...	16.65	14.1	ug/l	154169	4	13.55	545121	50.0