

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012818.D
 Acq On : 09 Sep 2019 13:49
 Operator : SY/VA
 Sample : K4760-09
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-2

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	4.117	353	363	377	rBV2	28967	82747	2.48%	0.715%
2	7.885	971	981	986	rBV	52860	134275	4.03%	1.160%
3	7.946	986	991	1000	rVB	109979	247103	7.41%	2.135%
4	8.305	1041	1050	1060	rBV	56649	134495	4.03%	1.162%
5	8.842	1128	1138	1149	rBV	151694	305746	9.17%	2.642%
6	9.092	1172	1179	1189	rVB2	23102	48012	1.44%	0.415%
7	10.323	1374	1381	1388	rBV	227778	391934	11.76%	3.386%
8	10.860	1460	1469	1476	rBV	41819	76896	2.31%	0.664%
9	11.628	1587	1595	1607	rBV	171828	302198	9.06%	2.611%
10	12.615	1750	1757	1767	rBV2	130020	233215	6.99%	2.015%
11	13.560	1906	1912	1919	rVB	101559	167258	5.02%	1.445%
12	13.865	1956	1962	1966	rBV5	34244	78872	2.37%	0.681%
13	14.072	1991	1996	2003	rBV4	133708	286085	8.58%	2.472%
14	14.194	2012	2016	2020	rBV4	108631	171399	5.14%	1.481%
15	14.268	2021	2028	2034	rBV4	254527	651554	19.54%	5.629%
16	14.335	2034	2039	2043	rBV	313932	629274	18.87%	5.437%
17	14.481	2060	2063	2066	rBV2	115378	189554	5.69%	1.638%
18	14.524	2067	2070	2072	rBV3	134136	203686	6.11%	1.760%
19	14.585	2077	2080	2082	rBV2	194721	289081	8.67%	2.498%
20	14.963	2137	2142	2146	rBV3	1128742	2270109	68.09%	19.614%
21	15.060	2154	2158	2162	rBV4	646601	1346440	40.38%	11.633%
22	15.212	2179	2183	2194	rBV9	1051534	3334106	100.00%	28.807%

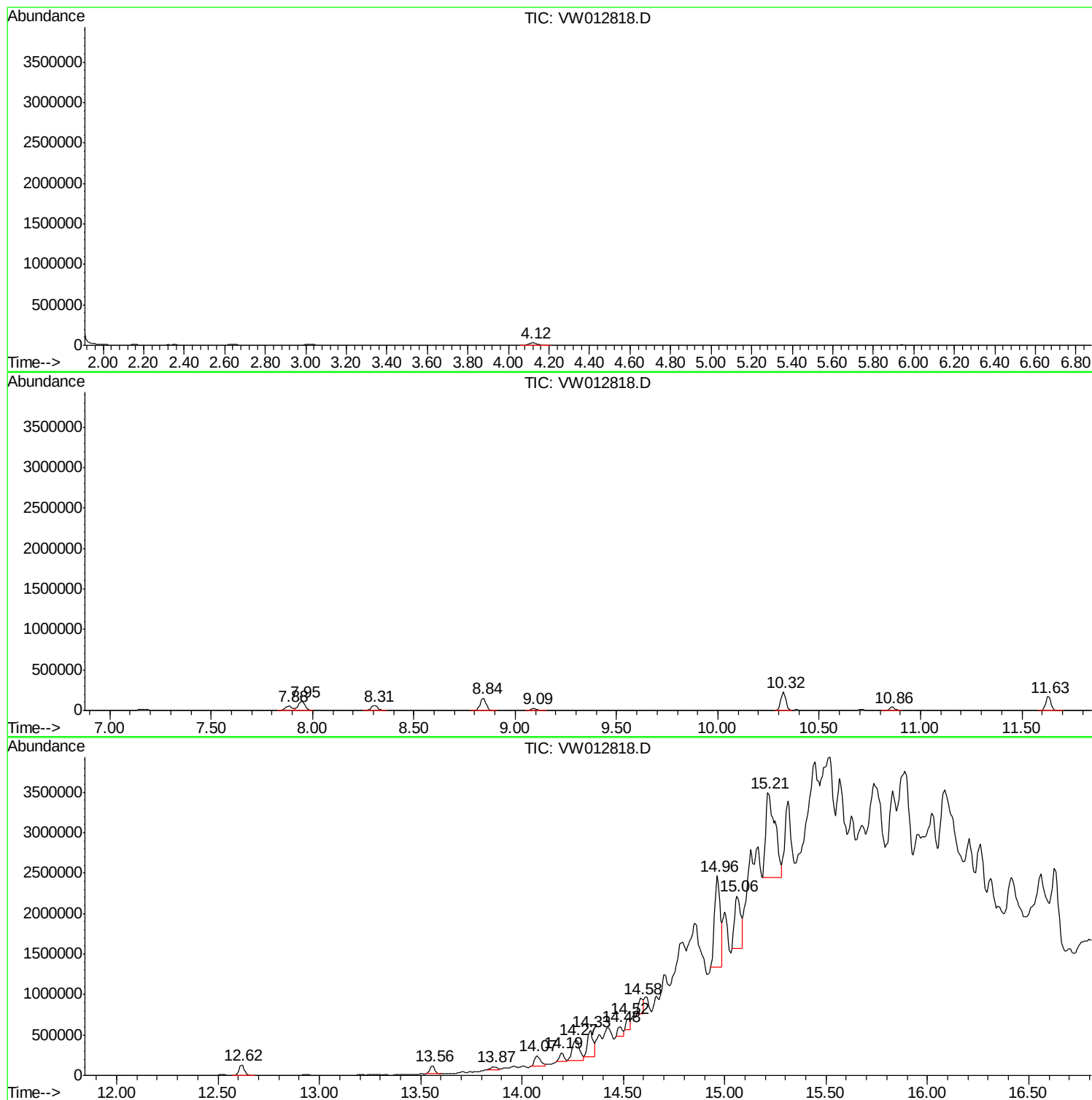
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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



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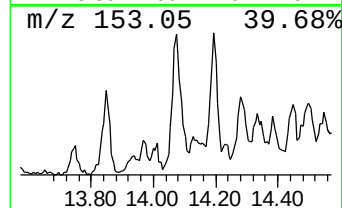
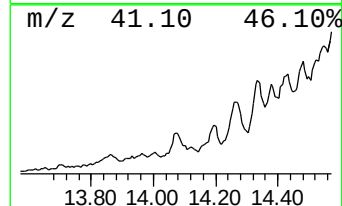
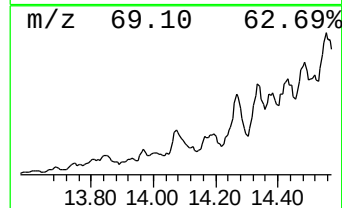
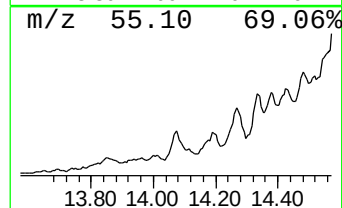
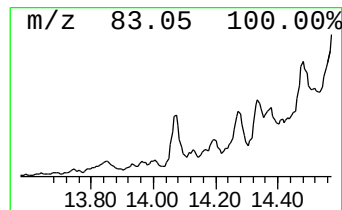
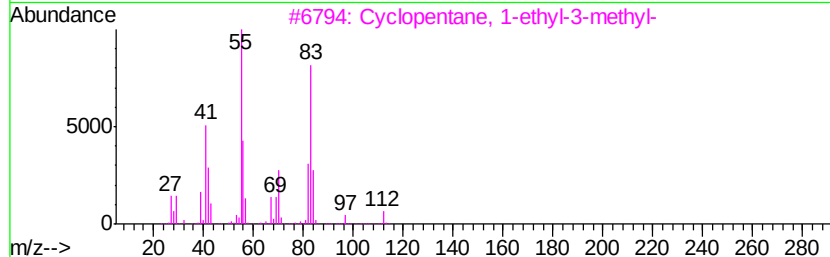
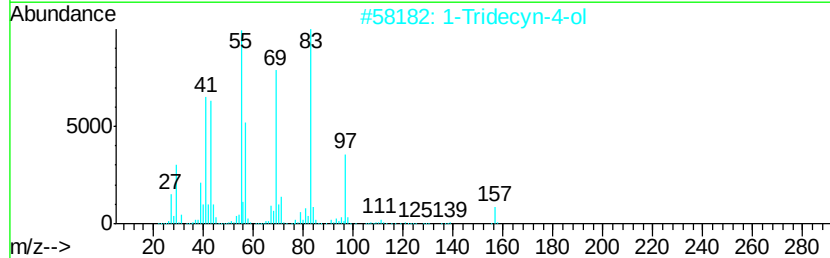
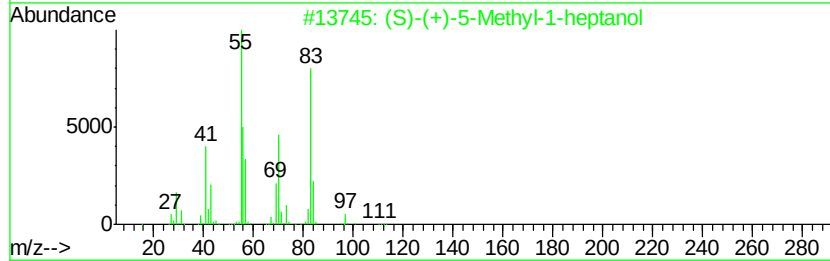
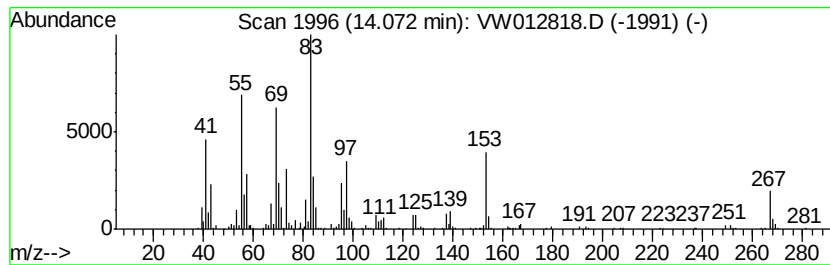
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown14.07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	85.52 ug/l	286085	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	35
2		1-Tridecyn-4-ol	196	C13H24O	074646-37-0	35
3		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	27
4		trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	22
5		(.+/-)-3-(2-Carboxy-trans-prope...	198	C10H14O4	040253-03-0	22



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
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WEST-SIDE-WALL-2

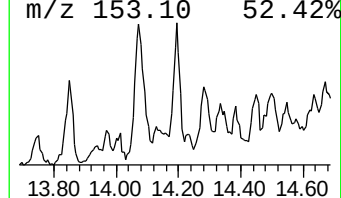
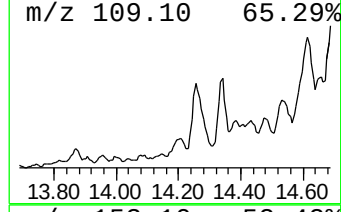
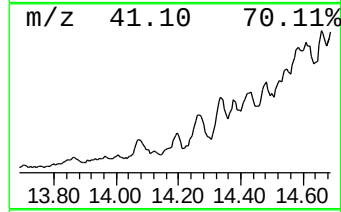
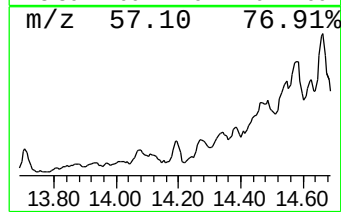
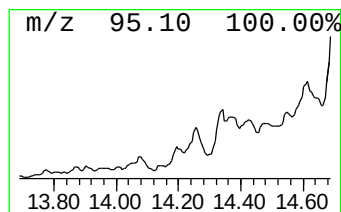
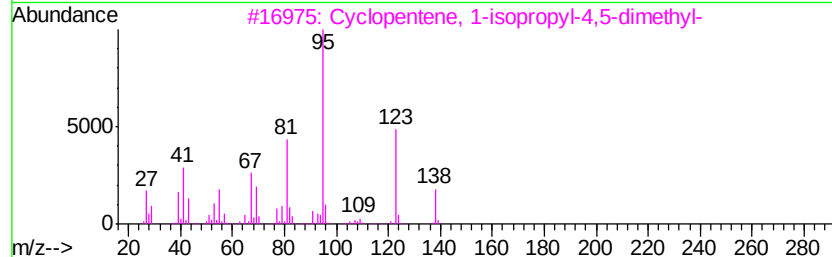
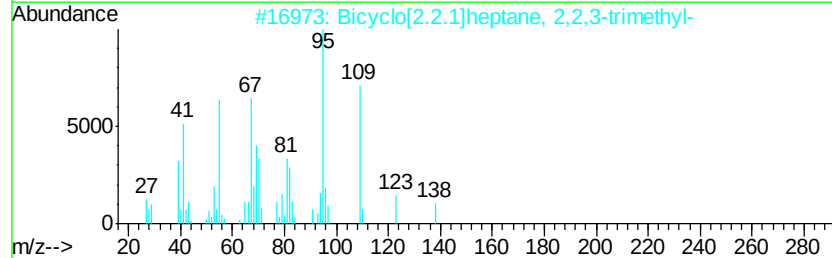
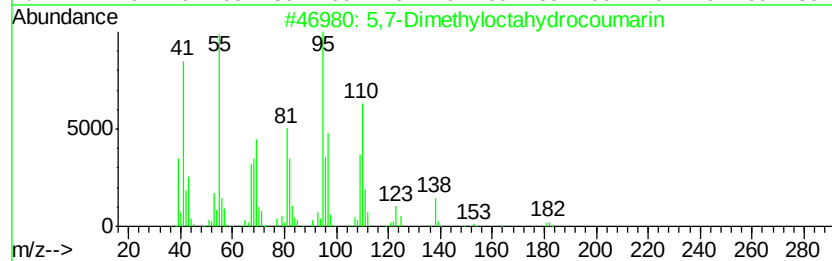
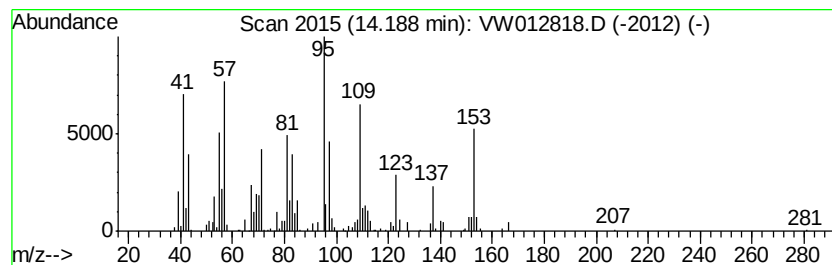
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown14.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	51.24 ug/l	171399	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,7-Dimethyloctahydrocoumarin	182	C11H18O2	1000109-81-5	35
2		Bicyclo[2.2.1]heptane, 2,2,3-trimethyl-	138	C10H18	000473-19-8	27
3		Cyclopentene, 1-isopropyl-4,5-dimethyl-	138	C10H18	007712-74-5	22
4		Cyclopentene, 1-isopropyl-2,3-dimethyl-	138	C10H18	007712-73-4	22
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	18



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Instrument :
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ClientSampleId :
WEST-SIDE-WALL-2

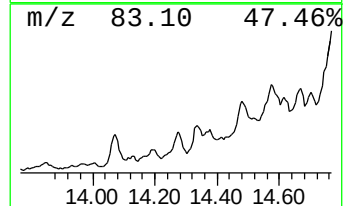
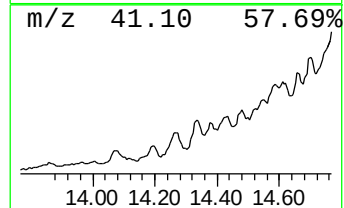
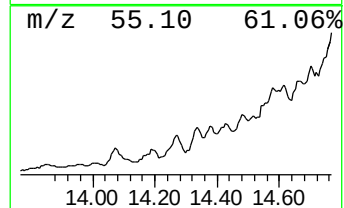
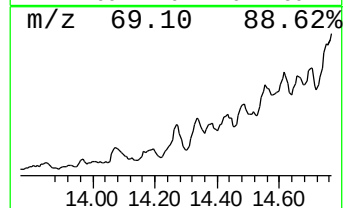
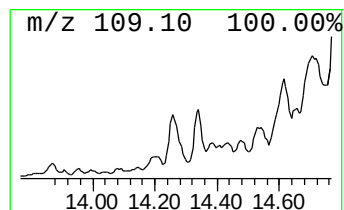
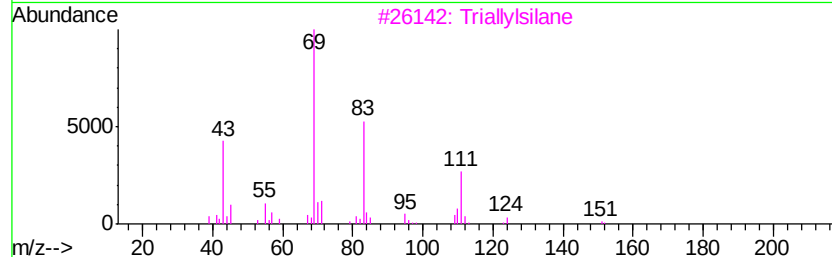
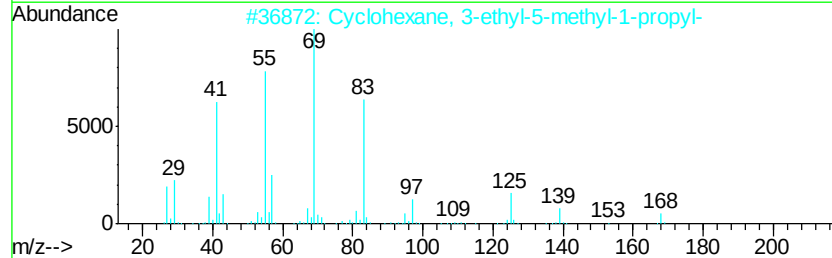
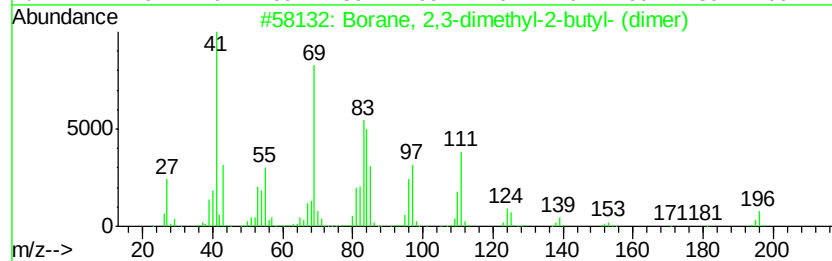
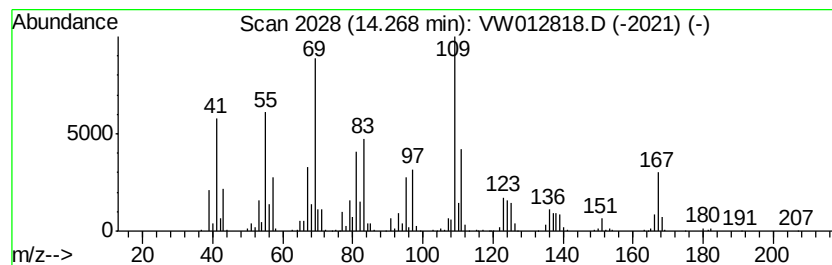
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown14.27 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	194.78 ug/l	651554	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	43
2		Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	30
3		Triallylsilane	152	C9H16Si	001116-62-7	30
4		2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	27
5		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	27



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Operator : SY/VA
Sample : K4760-09
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

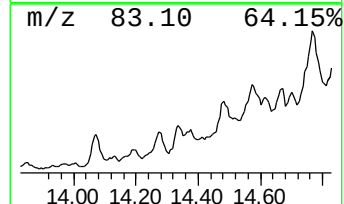
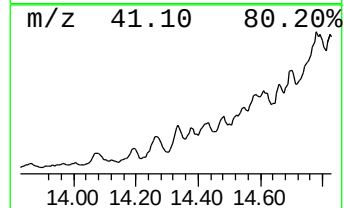
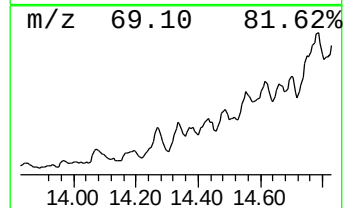
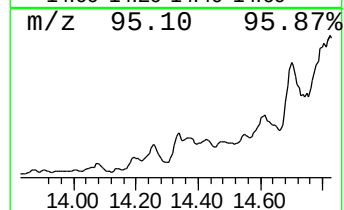
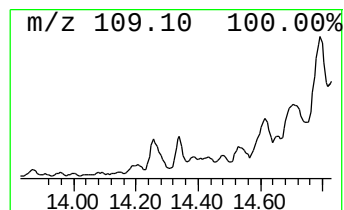
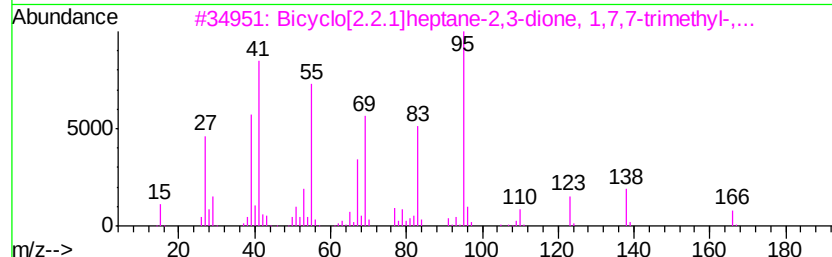
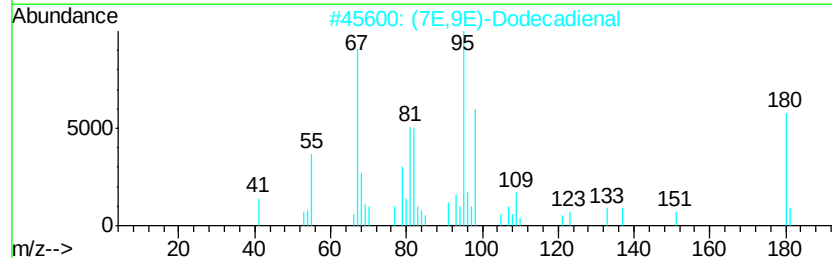
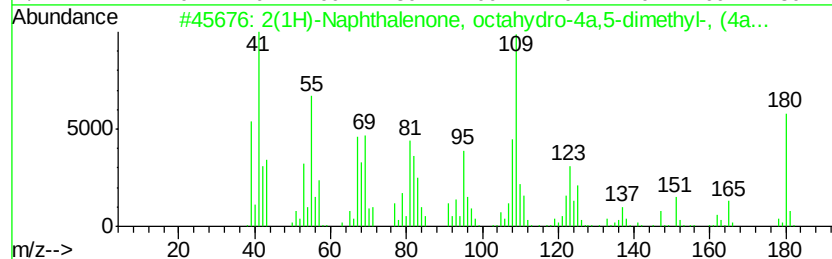
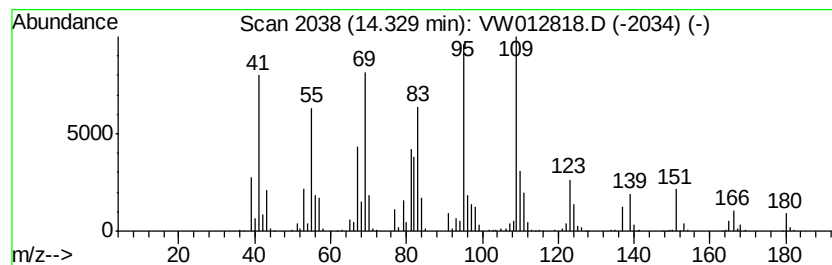
Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

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 unknown14.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	188.12 ug/l	629274	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2(1H)-Naphthalenone, octahydro-4...	180 C12H20O	051557-64-3	46
2	(7E,9E)-Dodecadienal	180 C12H20O	097475-10-0	38
3	Bicyclo[2.2.1]heptane-2,3-dione,...	166 C10H14O2	010334-26-6	38
4	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166 C12H22	062338-45-8	38
5	2,4-Hexadiene, 2,5-dimethyl-	110 C8H14	000764-13-6	25



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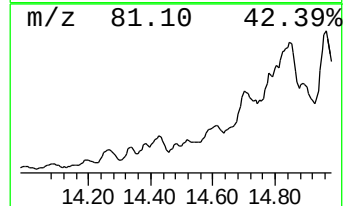
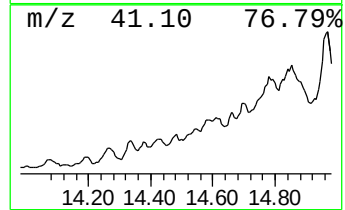
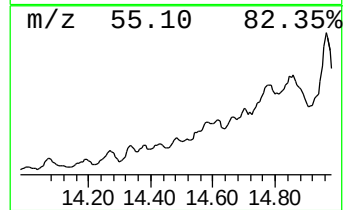
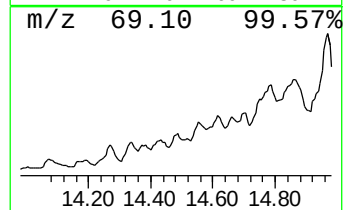
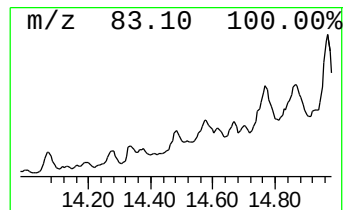
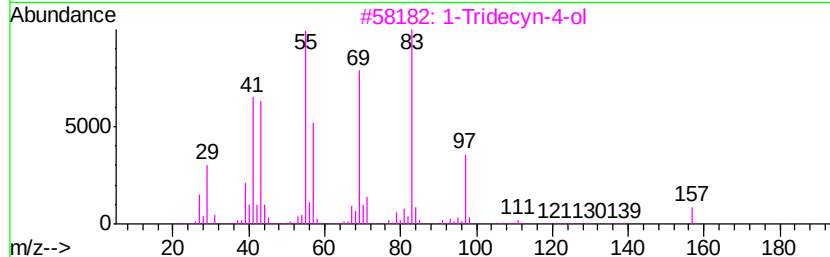
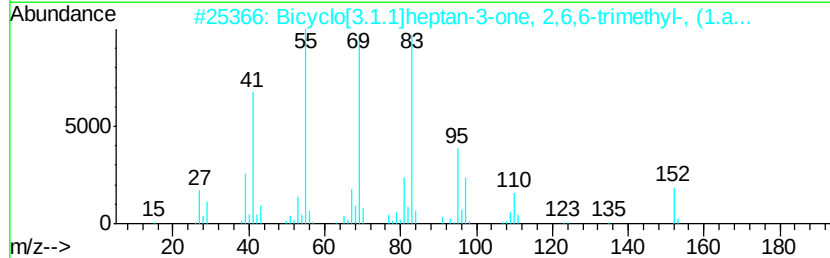
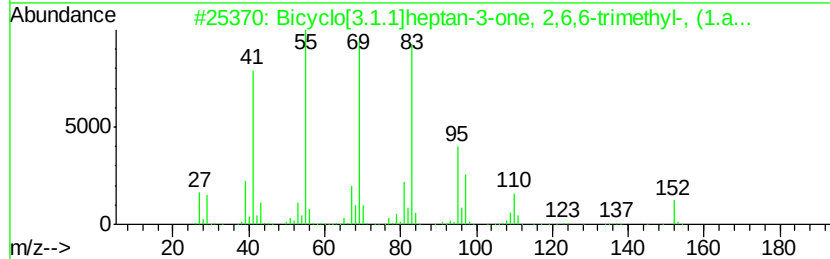
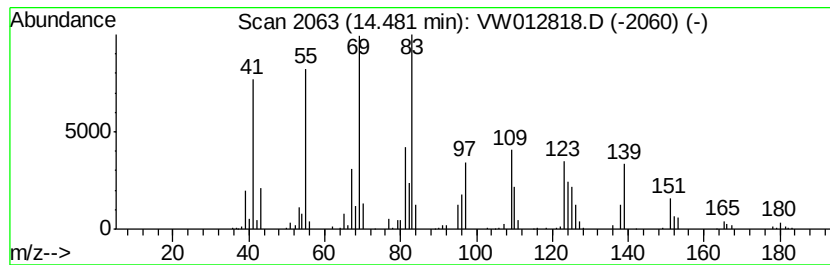
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	56.67 ug/l	189554	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	60
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	53
3		1-Tridecyn-4-ol	196	C13H24O	074646-37-0	43
4		1,4-Diisopropyl cyclohexane	168	C12H24	022907-72-8	38
5		(E)-But-2-enyl (E)-2-methylbut-2...	154	C9H14O2	1000373-71-7	27



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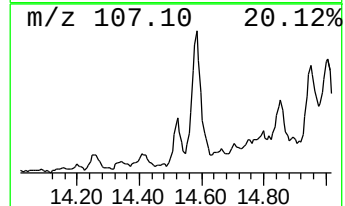
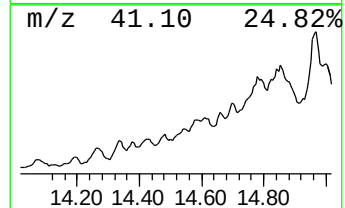
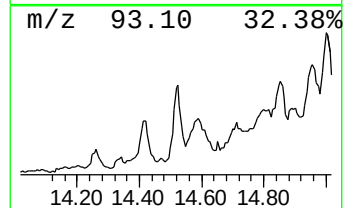
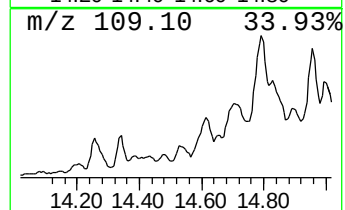
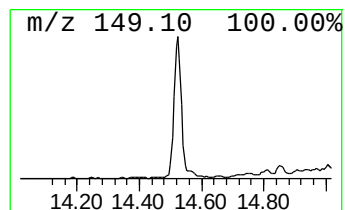
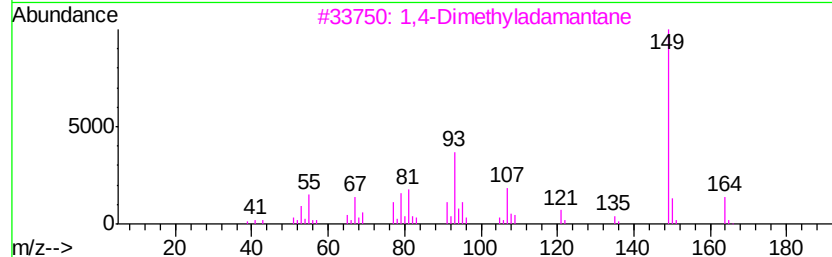
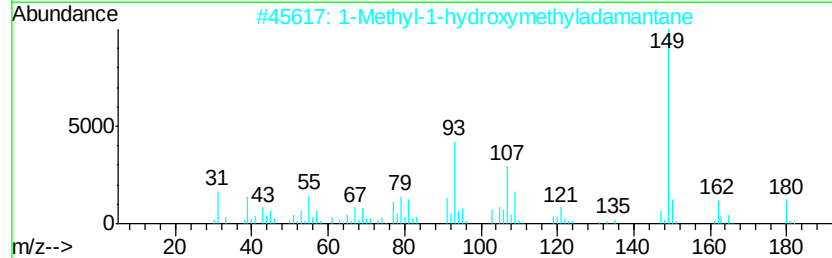
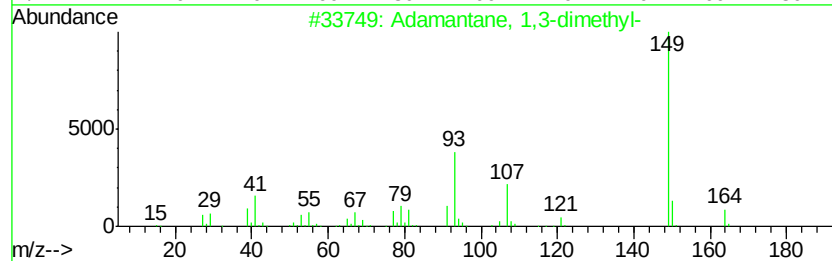
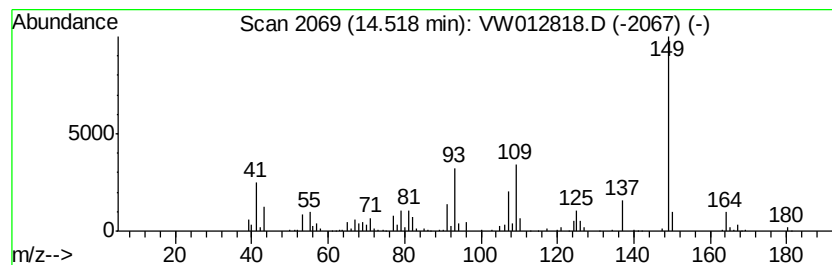
Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

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 Adamantane, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	60.89 ug/l	203686	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	70
2	1-Methyl-1-hydroxymethyladamantane	180 C12H20O	001200-78-8	53
3	1,4-Dimethyladamantane	164 C12H20	024145-89-9	53
4	Pyridine, pentamethyl-	149 C10H15N	003748-83-2	43
5	1-Methyl-3-ethyladamantane	178 C13H22	001687-34-9	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012818.D
Acq On : 09 Sep 2019 13:49
Operator : SY/VA
Sample : K4760-09
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

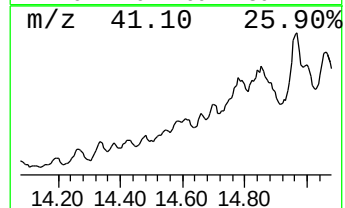
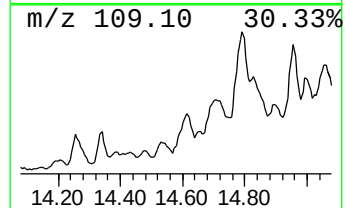
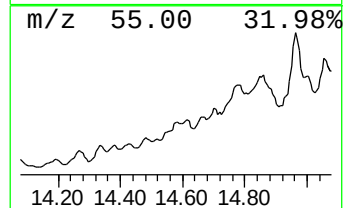
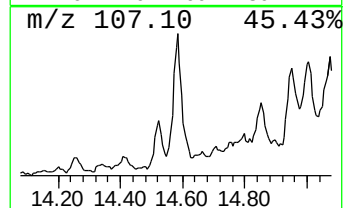
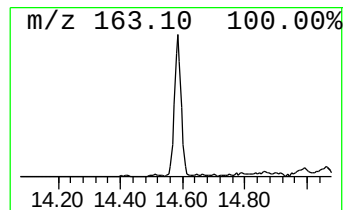
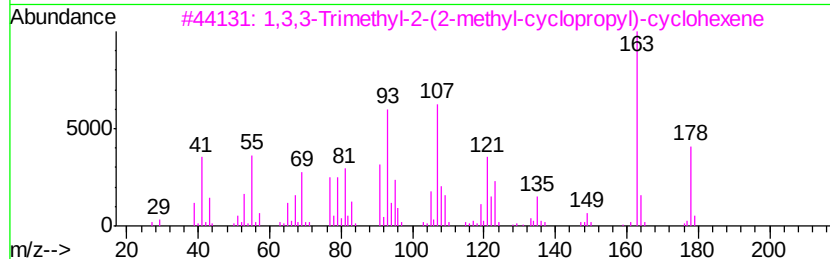
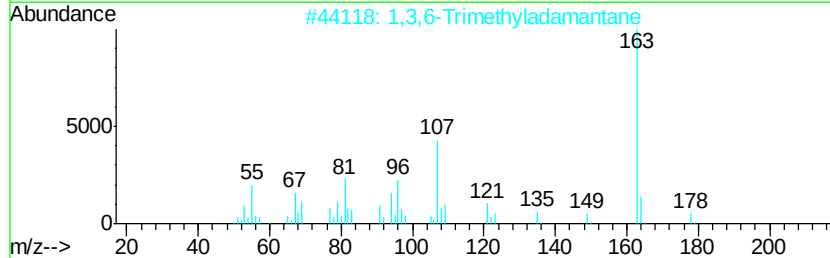
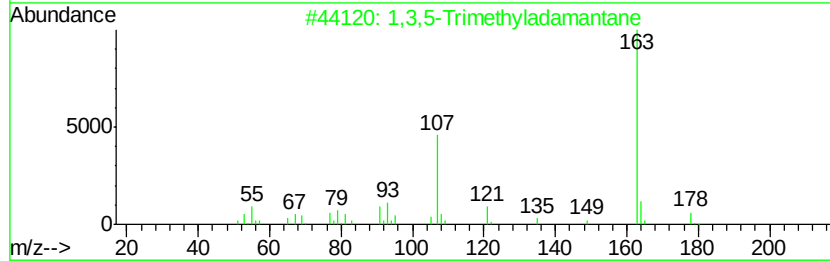
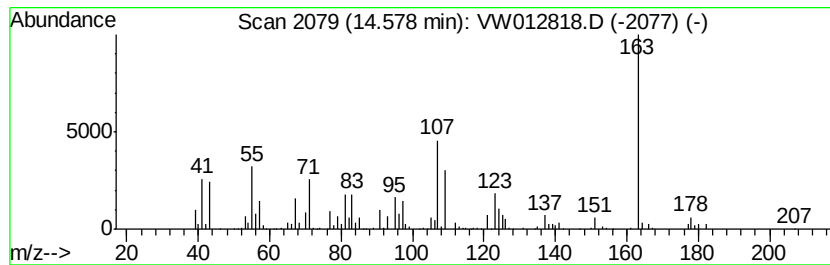
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	86.42 ug/l	289081	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	43
2		1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	33
3		1,3,3-Trimethyl-2-(2-methyl-cycl...	178	C13H22	285129-06-8	33
4		1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	32
5		1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012818.D
Acq On : 09 Sep 2019 13:49
Operator : SY/VA
Sample : K4760-09
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

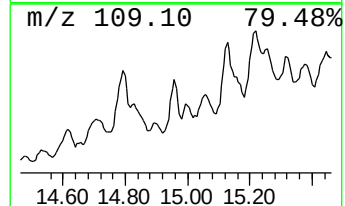
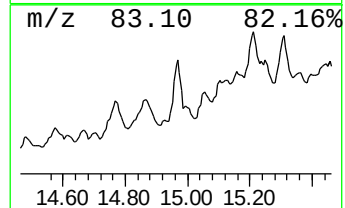
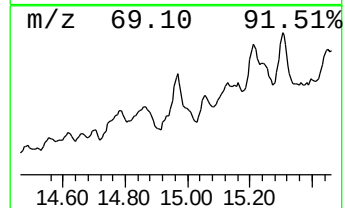
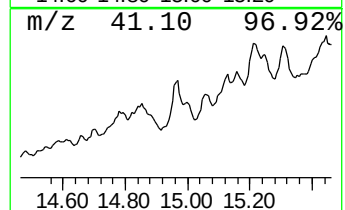
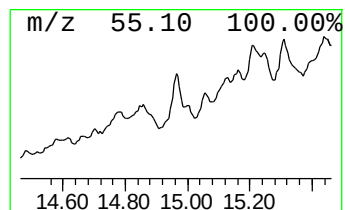
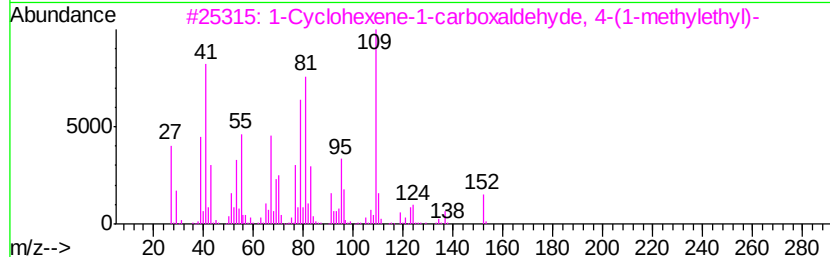
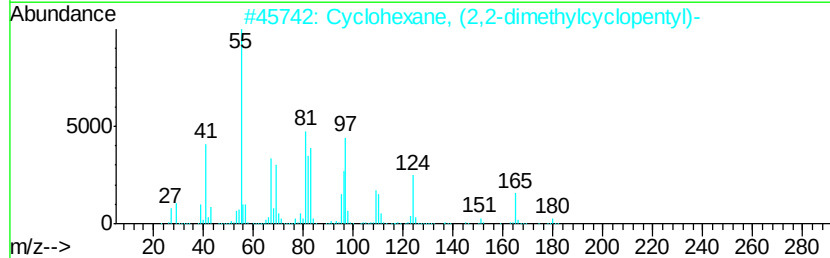
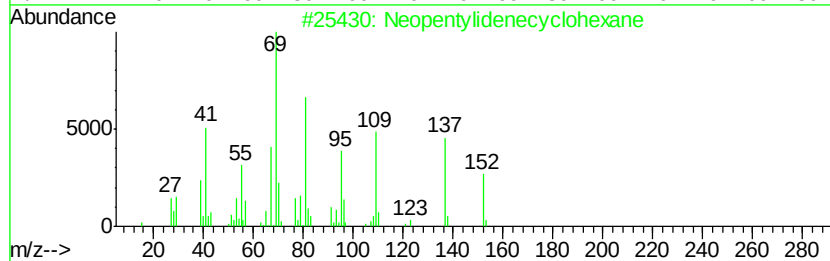
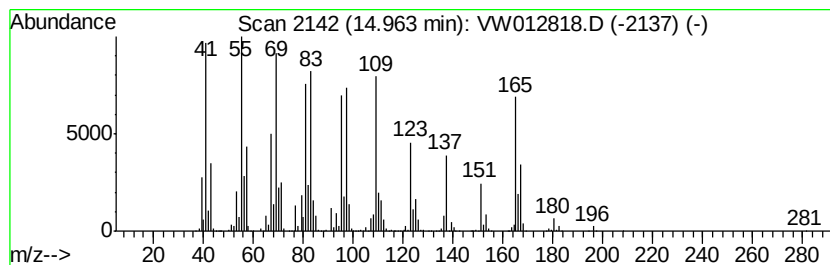
Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

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 Neopentylidenecyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	678.63 ug/l	2270110	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Neopentylidenecyclohexane	152 C11H20	039546-80-0 89
2		Cyclohexane, (2,2-dimethylcyclop...	180 C13H24	061142-23-2 43
3		1-Cyclohexene-1-carboxaldehyde, ...	152 C10H16O	021391-98-0 25
4		Cyclopentane, (2-methylpropyl)-	126 C9H18	003788-32-7 25
5		Cyclohexane, 2,4-diisopropyl-1,1...	196 C14H28	1000149-60-5 22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012818.D
 Acq On : 09 Sep 2019 13:49
 Operator : SY/VA
 Sample : K4760-09
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WEST-SIDE-WALL-2

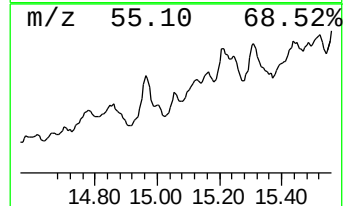
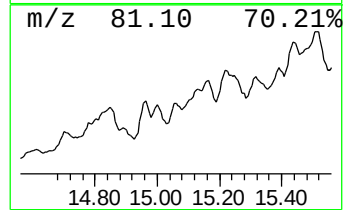
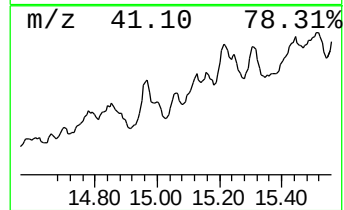
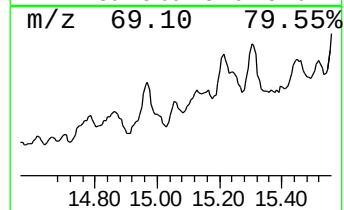
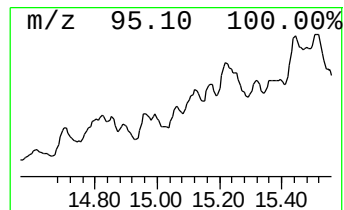
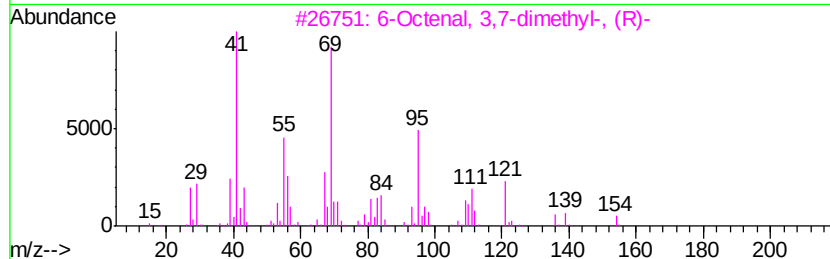
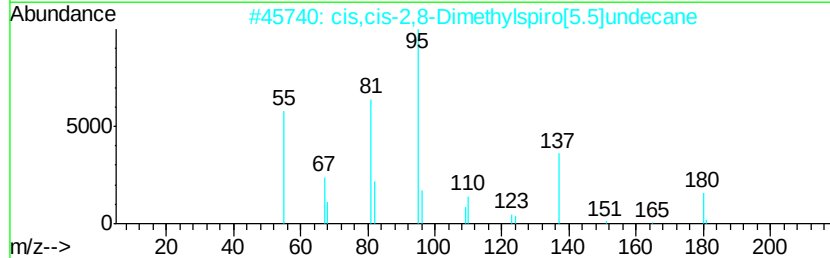
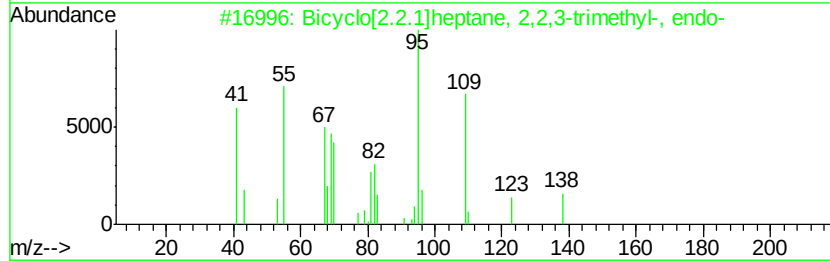
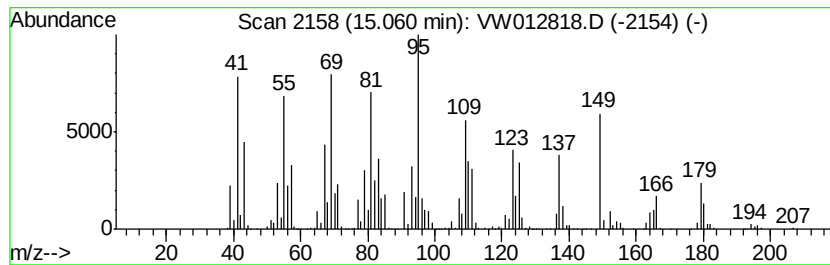
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260

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

 Peak Number 9 unknown15.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	402.50 ug/l	1346440	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	38
2		cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	30
3		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	25
4		Cyclohexene, 3-methyl-6-(1-methyl...	138	C10H18	005256-65-5	25
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	20



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
Data File : VW012818.D
Acq On : 09 Sep 2019 13:49
Operator : SY/VA
Sample : K4760-09
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

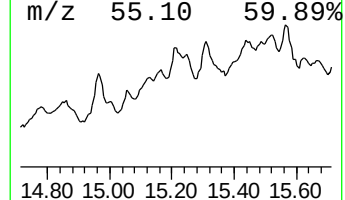
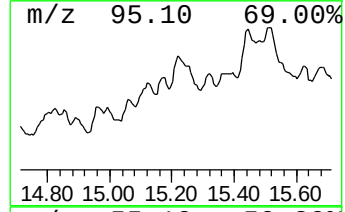
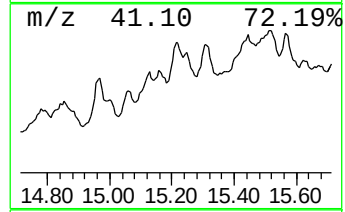
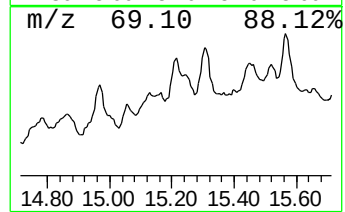
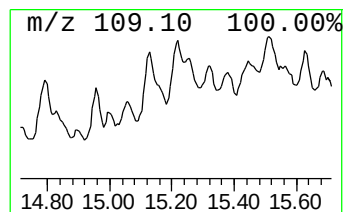
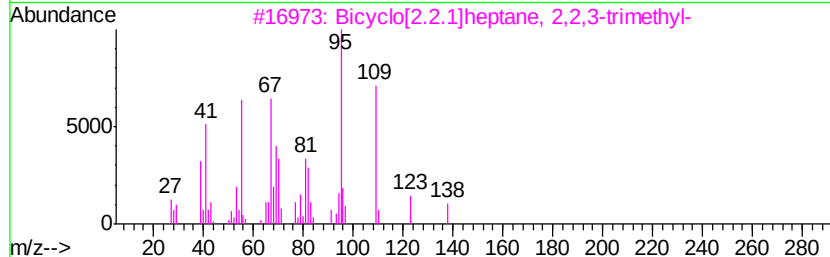
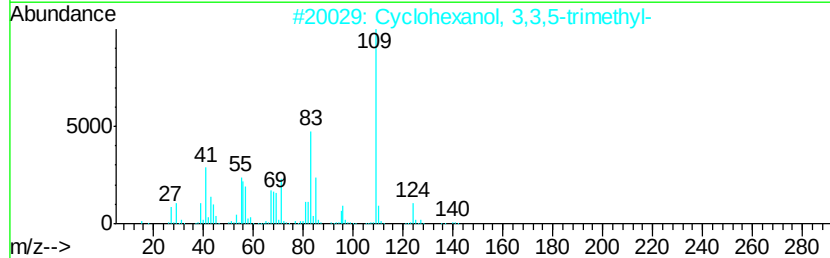
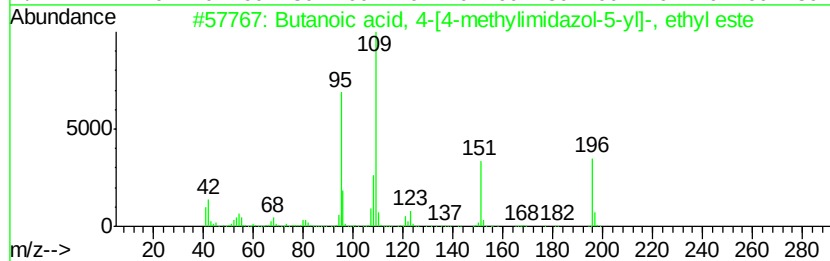
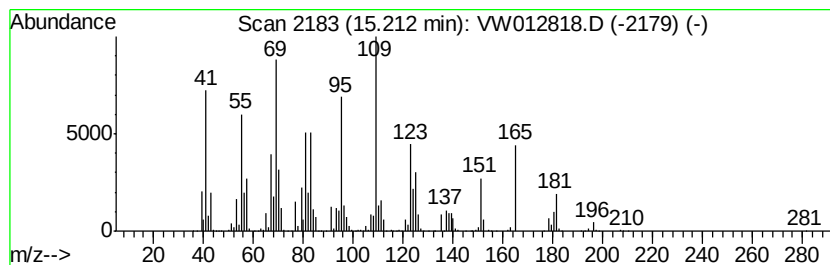
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	996.70 ug/l	3334110	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	30
2		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	25
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	25
5		1,2,5-Oxadiazole, 3-methyl-4-(5-...	165	C6H7N5O	1000337-72-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Data File : VW012818.D
Acq On : 09 Sep 2019 13:49
Operator : SY/VA
Sample : K4760-09
Misc : 6.18G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WEST-SIDE-WALL-2

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--			
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unknown14.19	14.19	51.2	ug/l	171399	4	13.56	167258	50.0
unknown14.27	14.27	194.8	ug/l	651554	4	13.56	167258	50.0
unknown14.33	14.33	188.1	ug/l	629274	4	13.56	167258	50.0
Bicyclo[3.1.1]hep...	14.48	56.7	ug/l	189554	4	13.56	167258	50.0
Adamantane, 1,3-d...	14.52	60.9	ug/l	203686	4	13.56	167258	50.0
unknown14.58	14.58	86.4	ug/l	289081	4	13.56	167258	50.0
Neopentylidenecyc...	14.96	678.6	ug/l	2270110	4	13.56	167258	50.0
unknown15.06	15.06	402.5	ug/l	1346440	4	13.56	167258	50.0
unknown15.21	15.21	996.7	ug/l	3334110	4	13.56	167258	50.0