

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011947.D
 Acq On : 16 Aug 2019 00:19
 Operator : SY/VA
 Sample : K4339-12
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-B1-(4)

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\82W072719S.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	1.959	4	9	19	rVB2	17402	38510	6.15%	0.873%
2	2.148	36	40	43	rBV2	4769	7799	1.25%	0.177%
3	2.349	62	73	84	rBV	25106	56697	9.06%	1.285%
4	2.641	114	121	125	rBV9	2983	8017	1.28%	0.182%
5	2.806	143	148	152	rBV	5389	9479	1.51%	0.215%
6	4.123	357	364	372	rBV2	3879	11828	1.89%	0.268%
7	4.665	445	453	463	rBV	7165	21720	3.47%	0.492%
8	4.915	483	494	508	rBV3	16909	62222	9.94%	1.410%
9	5.428	570	578	586	rBV7	2139	7731	1.24%	0.175%
10	5.934	649	661	672	rVB4	3935	13032	2.08%	0.295%
11	7.141	851	859	863	rBV	4760	13171	2.10%	0.299%
12	7.884	970	981	985	rBV	91372	211271	33.76%	4.789%
13	7.945	985	991	1002	rVB	191659	426370	68.14%	9.665%
14	8.305	1041	1050	1061	rBV	107946	237815	38.01%	5.391%
15	8.842	1129	1138	1154	rBV	311404	625743	100.00%	14.184%
16	10.323	1374	1381	1388	rBV	256771	450831	72.05%	10.219%
17	10.707	1436	1444	1449	rBV	5492	13833	2.21%	0.314%
18	11.634	1589	1596	1605	rBV	263255	450795	72.04%	10.218%
19	12.615	1750	1757	1778	rVB3	149598	377858	60.39%	8.565%
20	13.164	1844	1847	1850	rBV4	14203	23872	3.81%	0.541%
21	13.560	1907	1912	1919	rBV	116504	203088	32.46%	4.604%
22	13.871	1960	1963	1967	rBV4	25210	46837	7.49%	1.062%
23	14.267	2023	2028	2034	rBV9	30740	86074	13.76%	1.951%
24	14.420	2050	2053	2062	rVB	45629	79378	12.69%	1.799%
25	14.523	2065	2070	2076	rBV	60966	129759	20.74%	2.941%
26	15.005	2145	2149	2154	rVB3	42086	69941	11.18%	1.585%
27	15.072	2156	2160	2164	rBV	46707	78232	12.50%	1.773%
28	15.158	2166	2174	2180	rVV3	60408	173038	27.65%	3.922%
29	15.414	2211	2216	2218	rBV	83572	149495	23.89%	3.389%
30	16.633	2411	2416	2423	rVB3	157532	327153	52.28%	7.416%

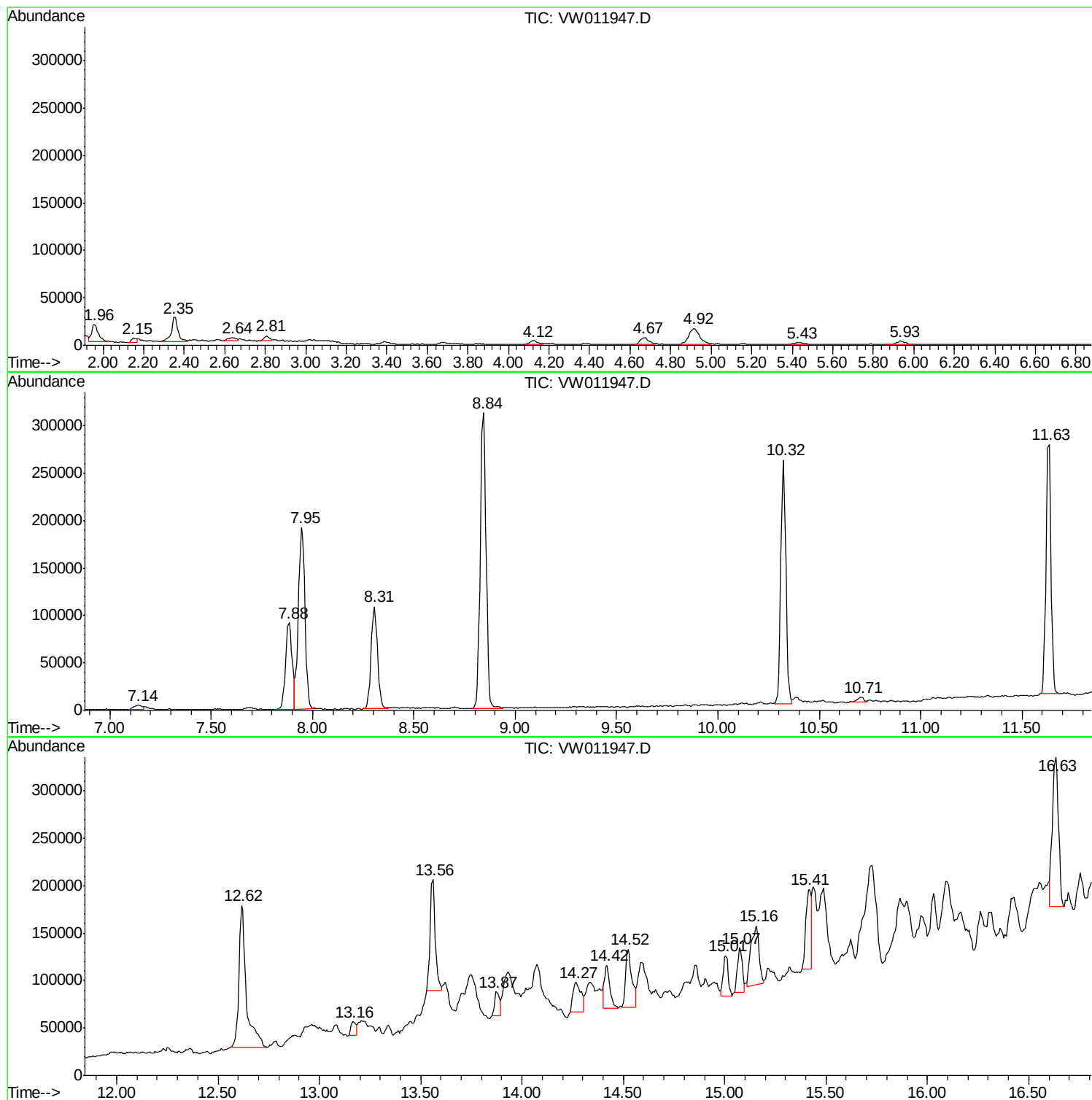
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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



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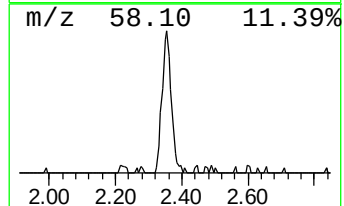
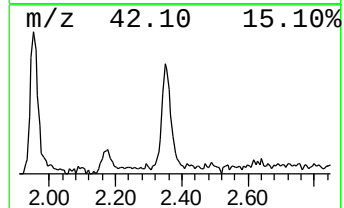
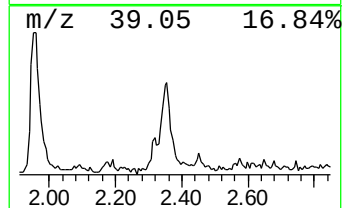
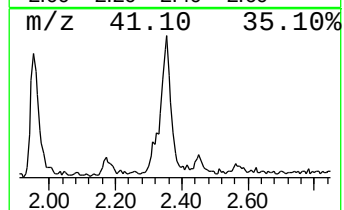
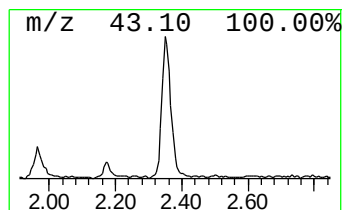
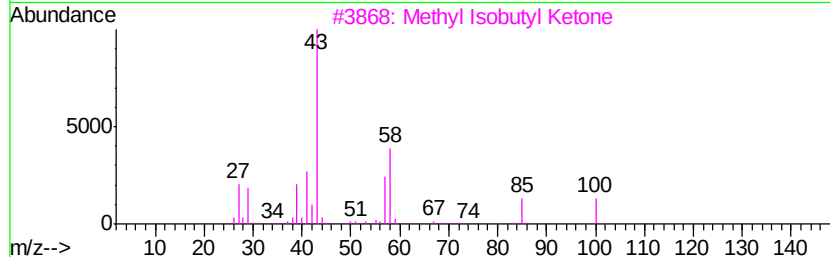
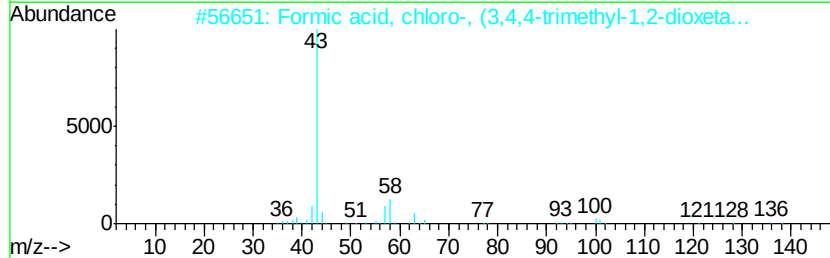
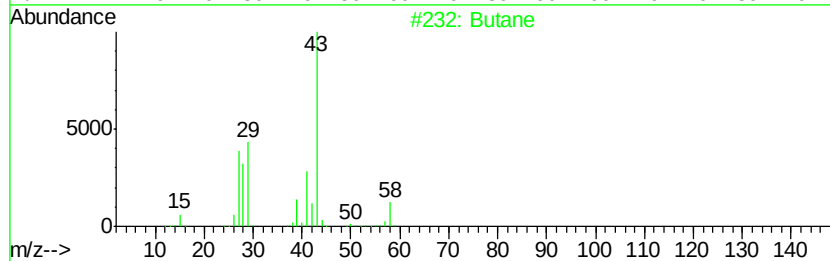
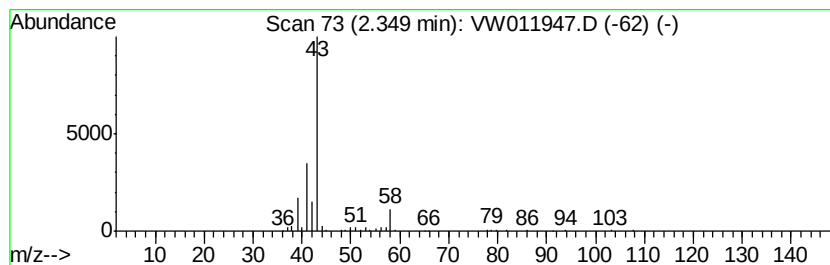
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Quant Title : SW846 8260

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

Peak Number 1 Butane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.35	6.65 ug/l	56697	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane	58	C4H10	000106-97-8	53
2		Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	38
3		Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9



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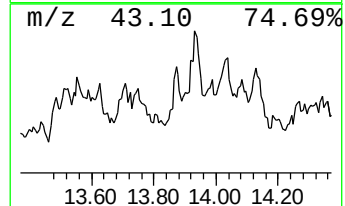
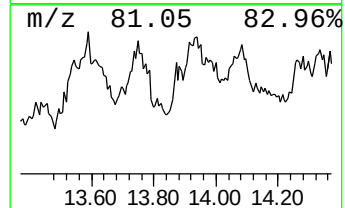
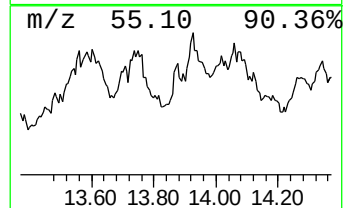
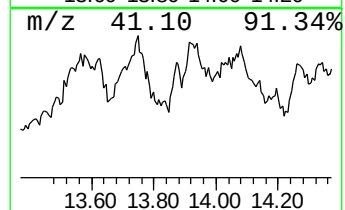
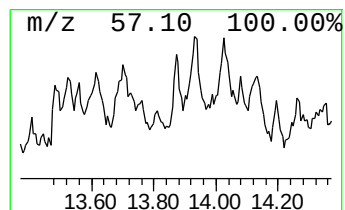
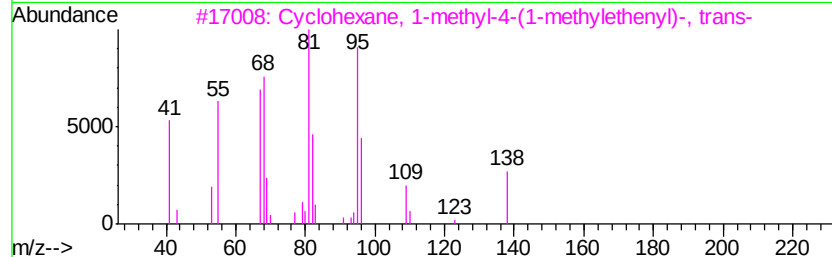
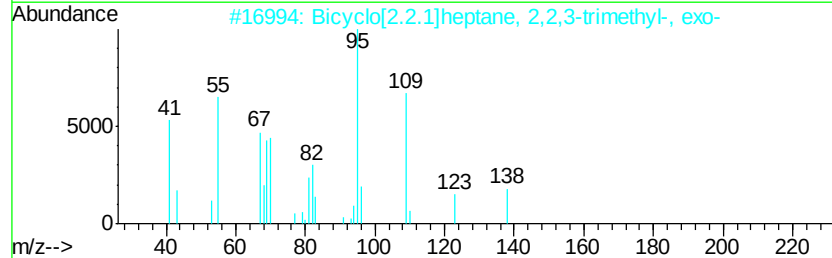
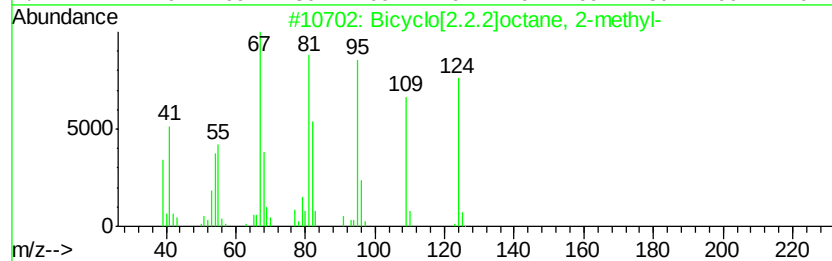
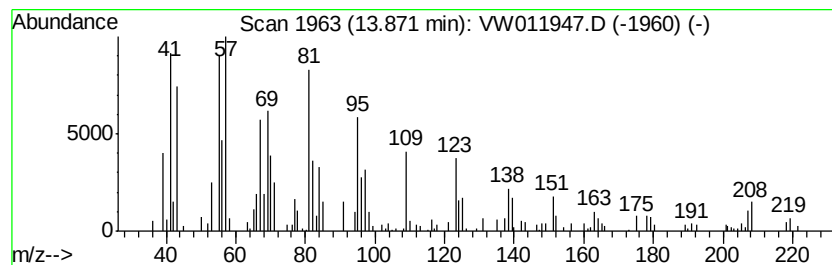
Instrument :
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ClientSampleId :
T8-B1-(4)

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TIC Integration Parameters: LSCINT.P

Peak Number 2 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.53 ug/l	46837	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.2]octane, 2-methyl-	124 C9H16	000766-53-0 55
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138 C10H18	020536-41-8 50
3		Cyclohexane, 1-methyl-4-(1-methyl...	138 C10H18	001124-25-0 49
4		Cyclohexane, 1-methyl-4-(1-methyl...	138 C10H18	001879-07-8 46
5		9-Methylbicyclo[3.3.1]nonane	138 C10H18	025107-01-1 46



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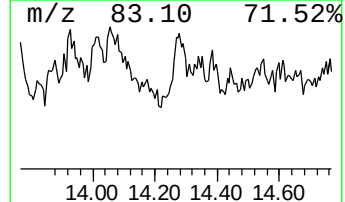
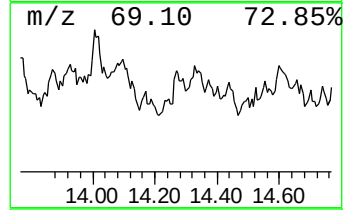
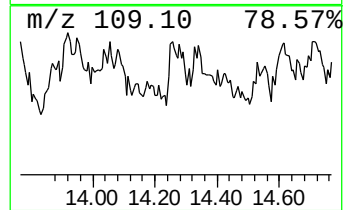
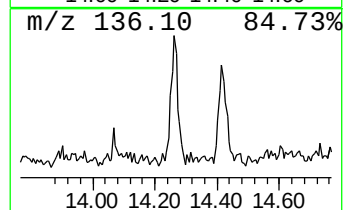
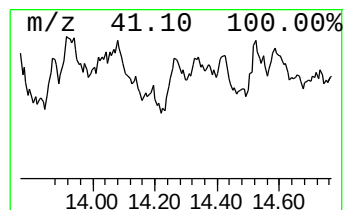
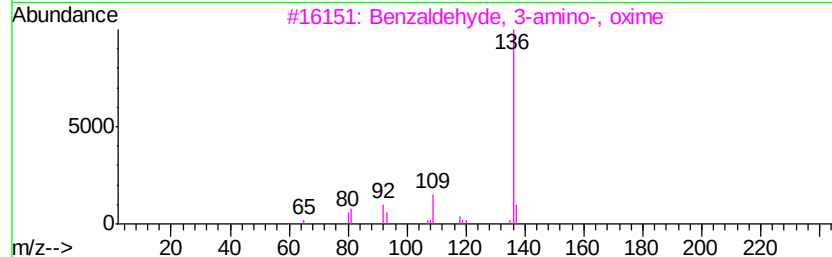
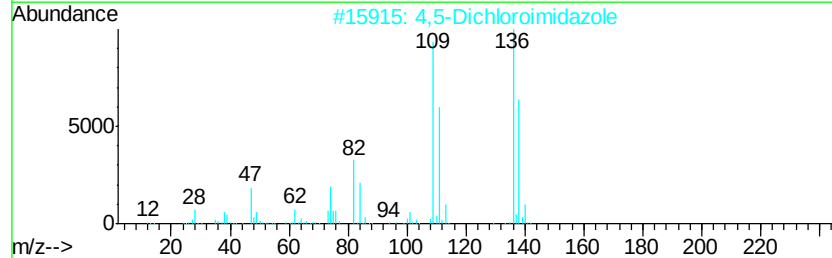
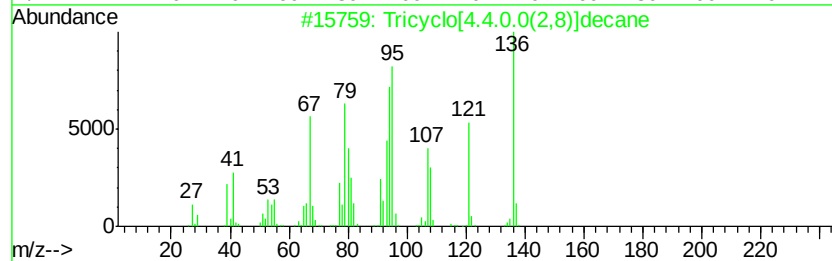
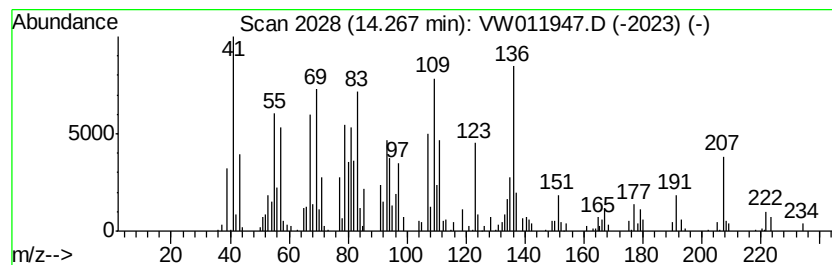
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown14.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	21.19 ug/l	86074	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	44
2		4,5-Dichloroimidazole	136	C3H2Cl2N2	015965-30-7	43
3		Benzaldehyde, 3-amino-, oxime	136	C7H8N2O	002835-66-7	38
4		Adamantane	136	C10H16	000281-23-2	35
5		Tricyclo[4.2.1.0(3,7)]nonane-3,8...	154	C9H14O2	106435-09-0	15



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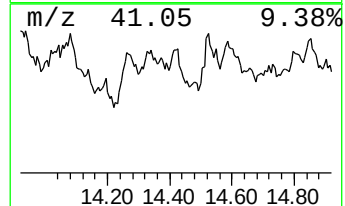
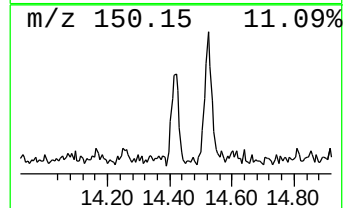
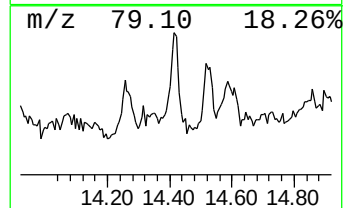
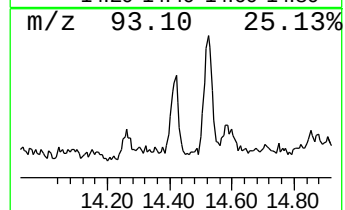
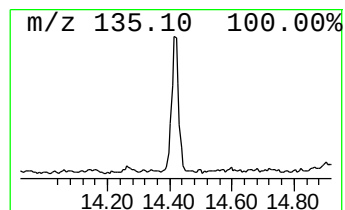
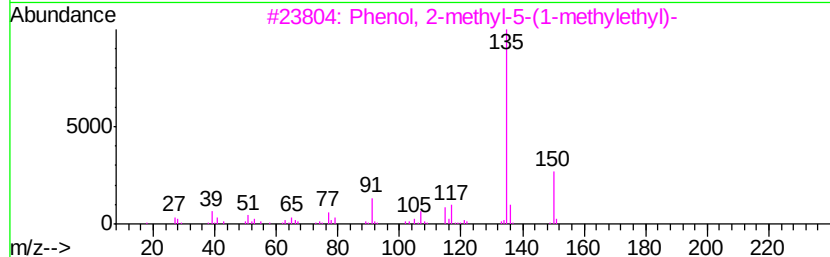
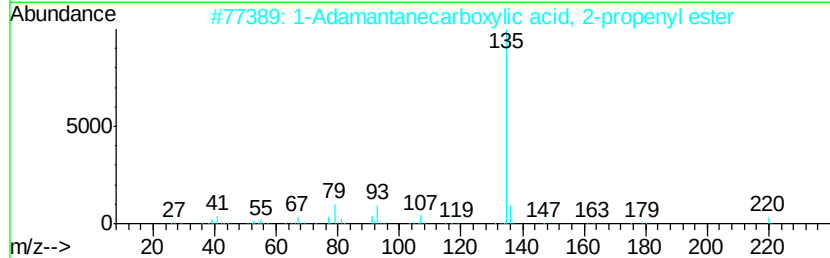
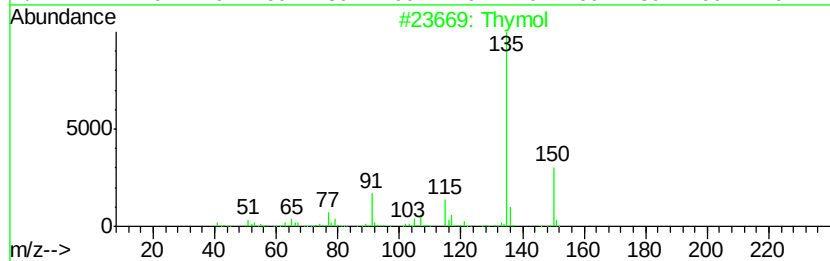
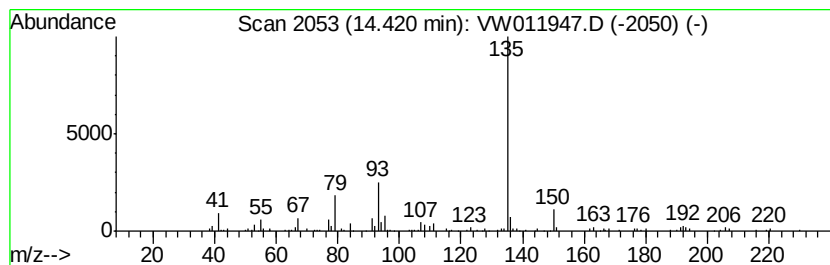
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Thymol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	19.54 ug/l	79378	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thymol	150	C10H14O	000089-83-8	64
2		1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	64
3		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4		2-n-butyladamantane	192	C14H24	014449-43-5	59
5		1-sec-Butyladamantane	192	C14H24	014449-42-4	58



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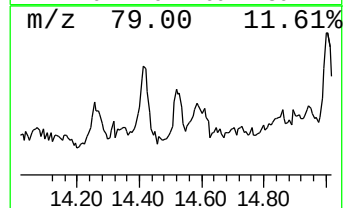
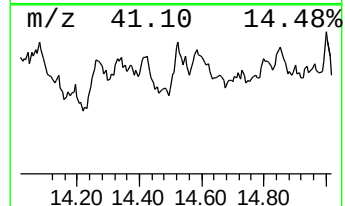
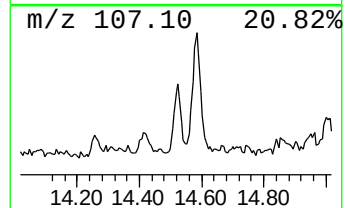
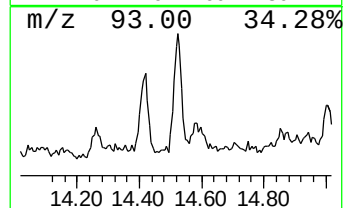
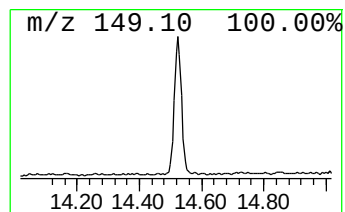
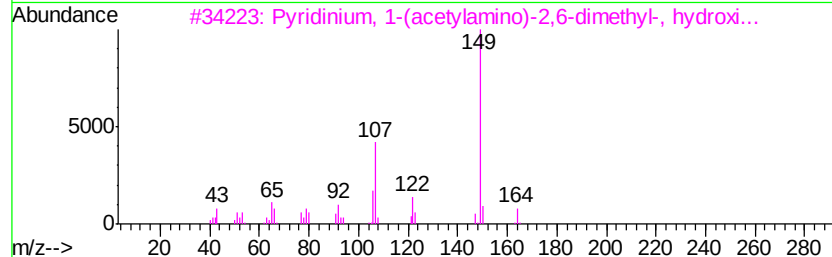
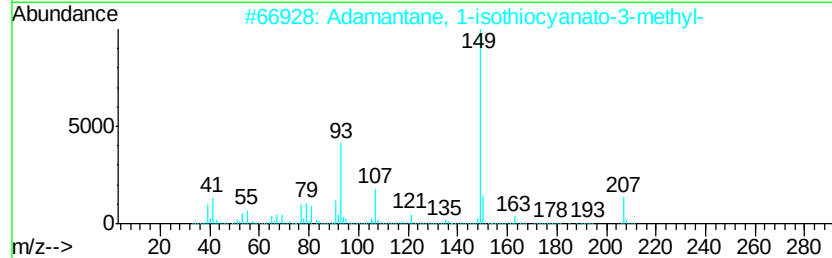
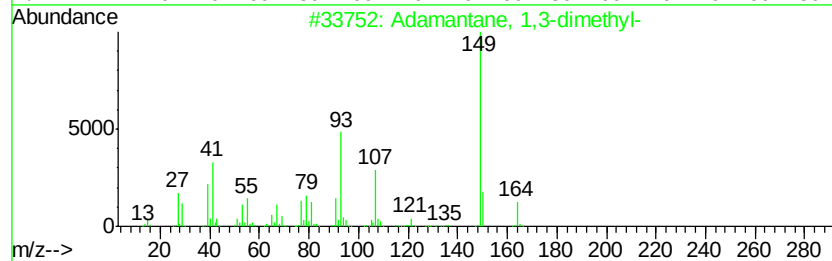
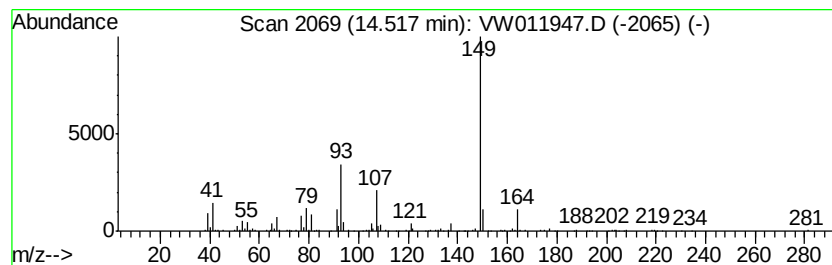
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	31.95 ug/l	129759	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	94
2	Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	86
3	Pyridinium, 1-(acetyl amino)-2,6-...	164	C9H12N2O	031020-35-6	53
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	47
5	Phthalic acid, 2,7-dimethyloct-7...	356	C22H28O4	1000315-49-7	38



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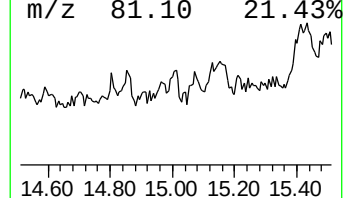
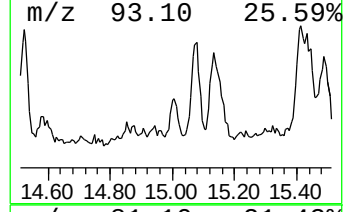
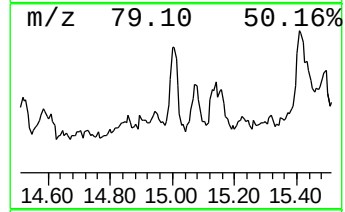
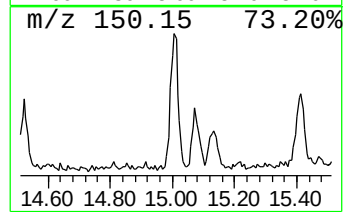
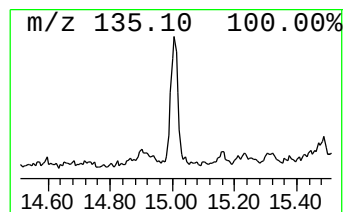
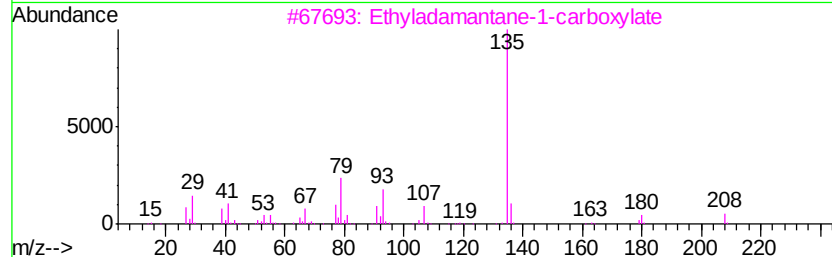
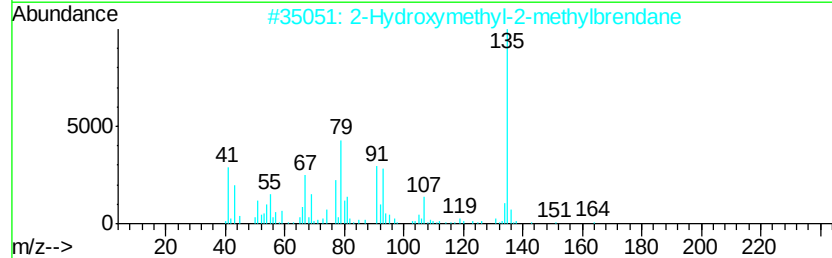
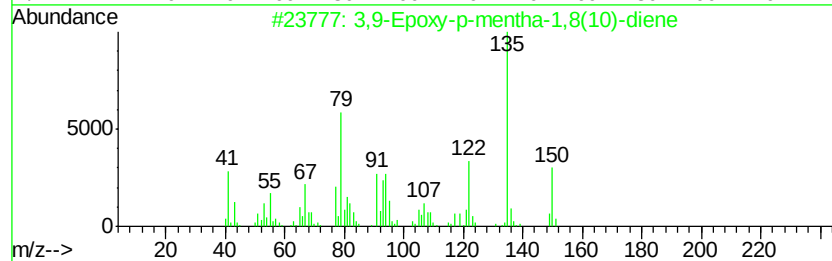
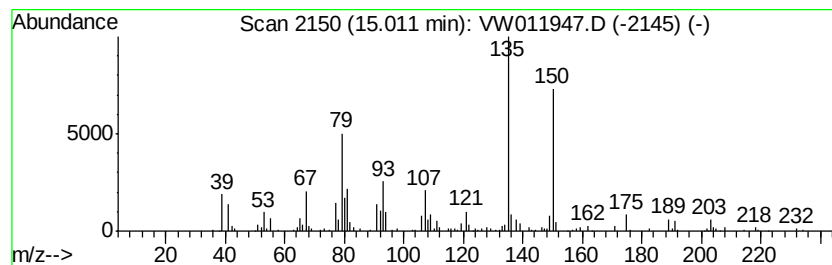
Instrument :
MSVOA_W
ClientSampleId :
T8-B1-(4)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 6 3,9-Epoxy-p-mentha-1,8(10)-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.01	17.22 ug/l	69941	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	53
2	2-Hydroxymethyl-2-methylbrendane	166	C11H18O	1000139-74-2	53
3	Ethyladamantane-1-carboxylate	208	C13H20O2	002094-73-7	50
4	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	49
5	Bicyclo[3.3.0]octan-2-one, 6-met...	150	C10H14O	1000154-23-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011947.D
Acq On : 16 Aug 2019 00:19
Operator : SY/VA
Sample : K4339-12
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T8-B1-(4)

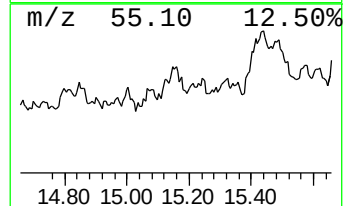
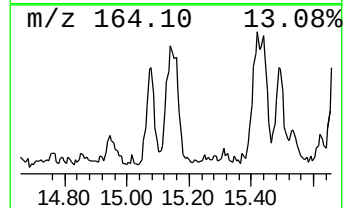
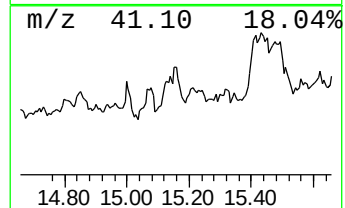
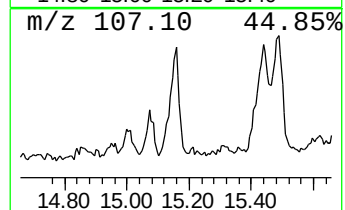
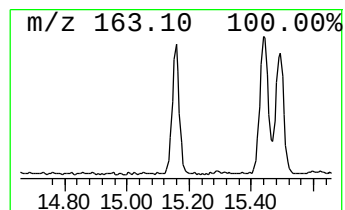
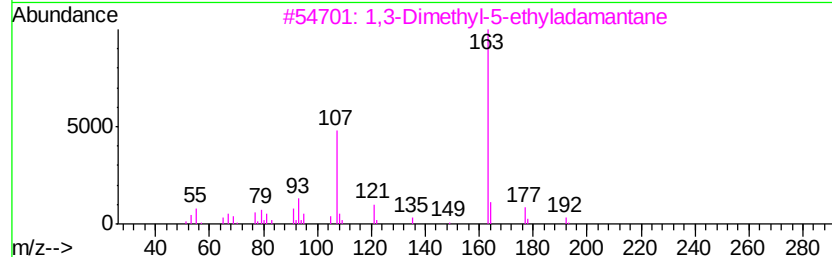
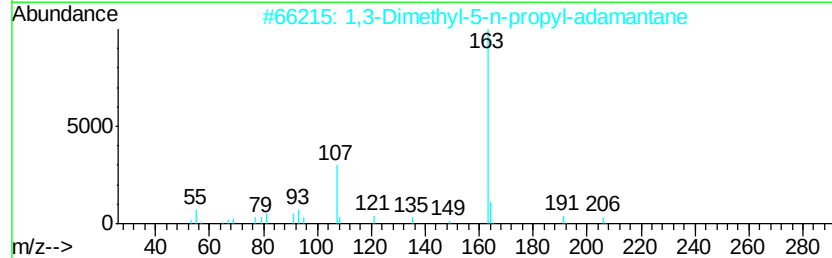
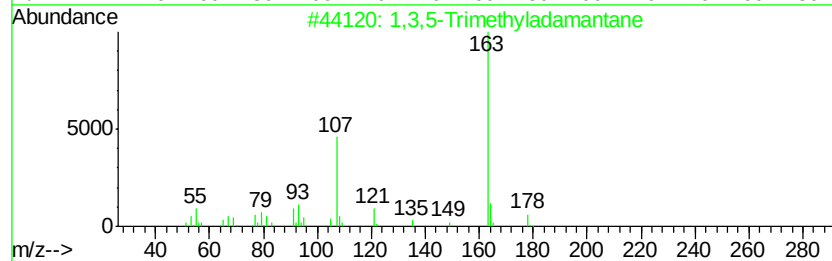
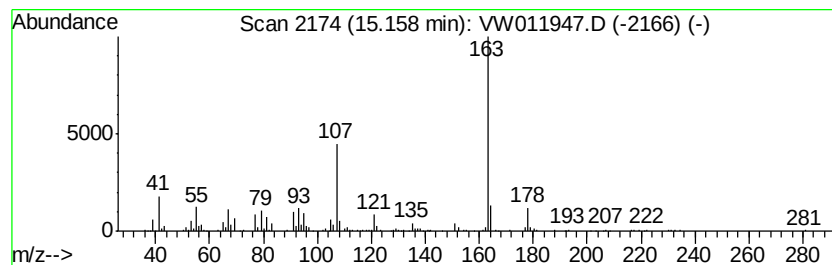
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 8 1,3,5-Trimethyladamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	42.60 ug/l	173038	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	95
2		1,3-Dimethyl-5-n-propyl-adamantane	206	C15H26	019385-87-6	86
3		1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	86
4		1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	80
5		1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011947.D
Acq On : 16 Aug 2019 00:19
Operator : SY/VA
Sample : K4339-12
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T8-B1-(4)

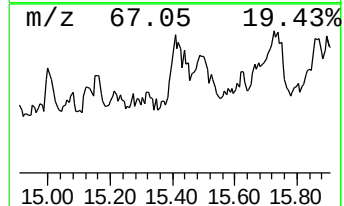
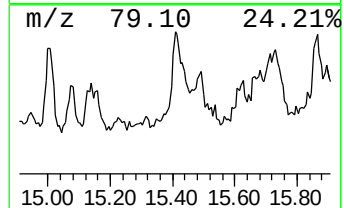
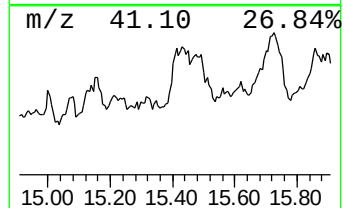
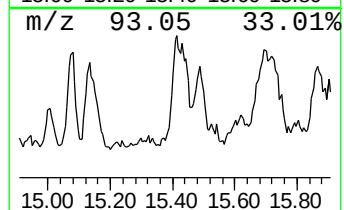
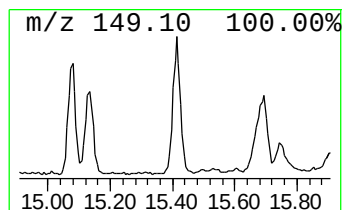
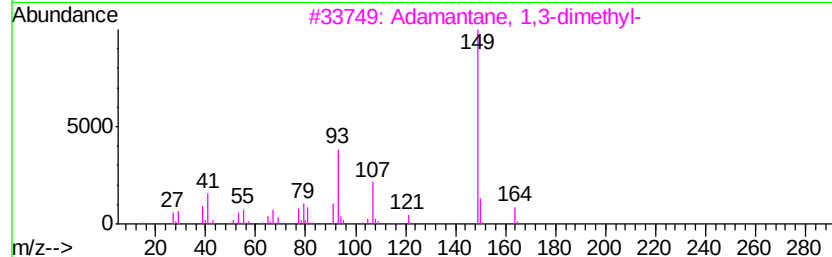
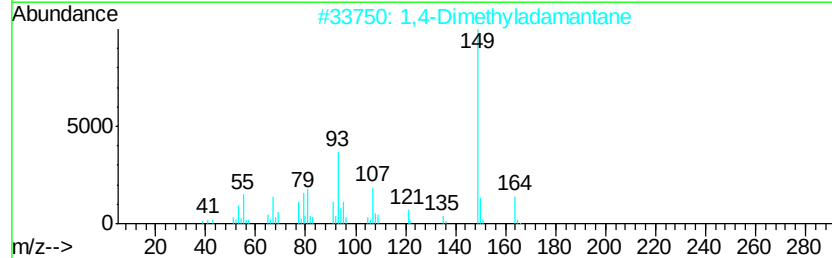
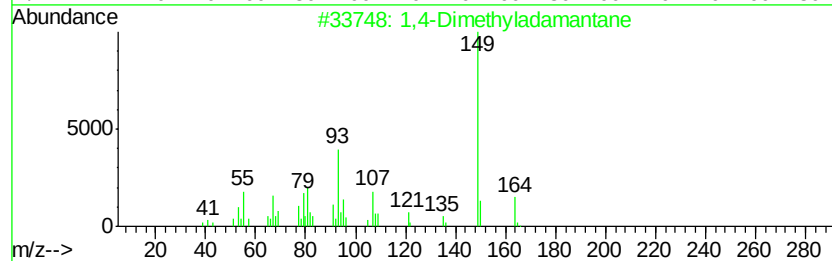
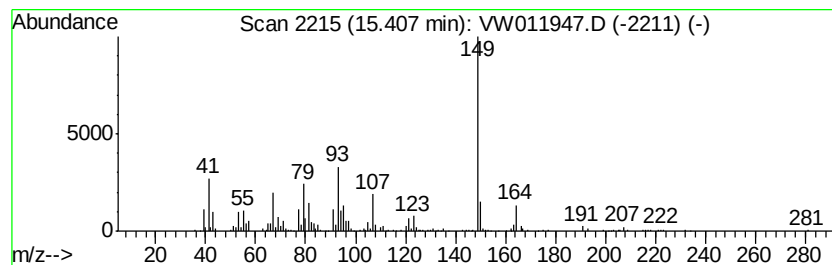
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 9 1,4-Dimethyladamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	36.81 ug/l	149495	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyladamantane	164	C12H20	024145-88-8	90
2		1,4-Dimethyladamantane	164	C12H20	024145-89-9	74
3		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	74
4		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	72
5		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081619\
Data File : VW011947.D
Acq On : 16 Aug 2019 00:19
Operator : SY/VA
Sample : K4339-12
Misc : 6.03G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T8-B1-(4)

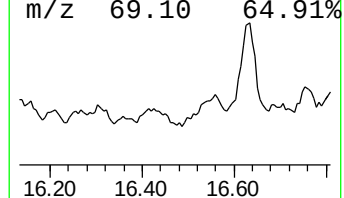
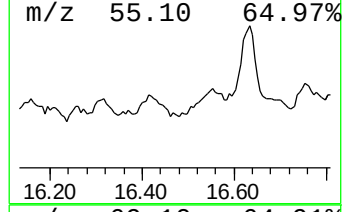
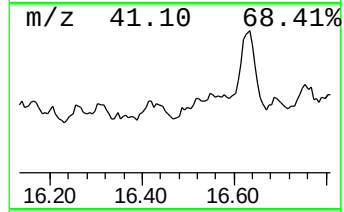
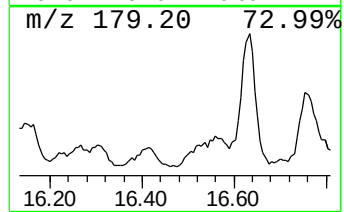
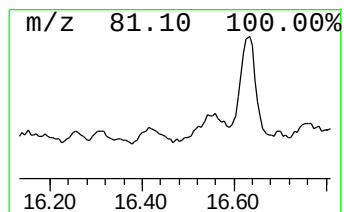
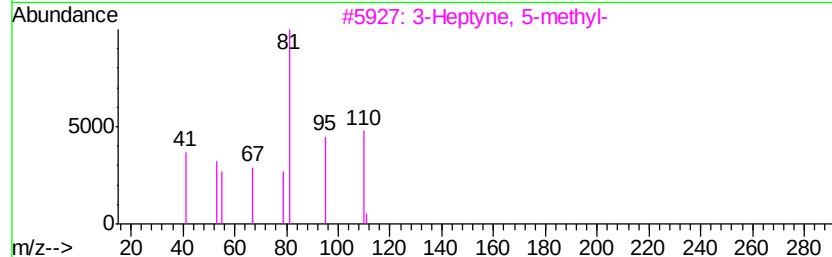
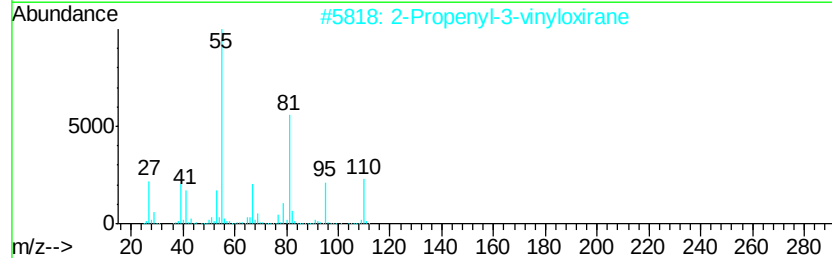
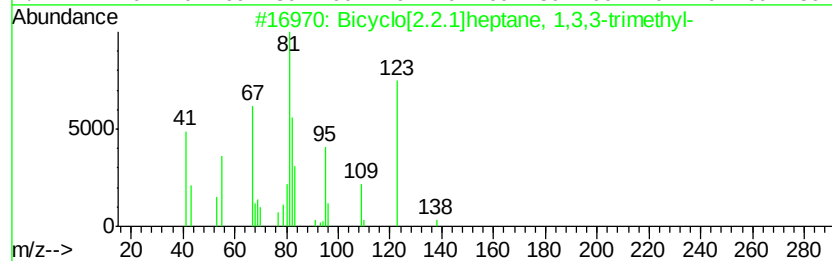
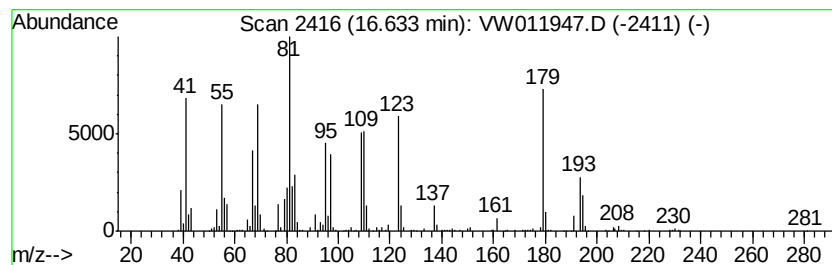
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	80.54 ug/l	327153	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	46
2		2-Propenyl-3-vinloxirane	110	C7H10O	070597-49-8	35
3		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	27
4		Cyclohexanol, 4-ethyl-4-methyl-3...	184	C12H24O	055869-52-8	27
5		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081619\
Data File : VW011947.D
Acq On : 16 Aug 2019 00:19
Operator : SY/VA
Sample : K4339-12
Misc : 6.03G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T8-B1-(4)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.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
Butane	2.35	6.7	ug/l	56697	1	7.95	426370	50.0
Bicyclo[2.2.2]oct...	13.87	11.5	ug/l	46837	4	13.56	203088	50.0
unknown14.27	14.27	21.2	ug/l	86074	4	13.56	203088	50.0
Thymol	14.42	19.5	ug/l	79378	4	13.56	203088	50.0
Adamantane, 1,3-d...	14.52	31.9	ug/l	129759	4	13.56	203088	50.0
3,9-Epoxy-p-menth...	15.01	17.2	ug/l	69941	4	13.56	203088	50.0
1,3,5-Trimethylad...	15.16	42.6	ug/l	173038	4	13.56	203088	50.0
1,4-Dimethyladama...	15.41	36.8	ug/l	149495	4	13.56	203088	50.0
unknown16.63	16.63	80.5	ug/l	327153	4	13.56	203088	50.0