

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014589.D
 Acq On : 09 Jan 2020 18:13
 Operator : SY/VA
 Sample : L1063-04
 Misc : 8.58G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB452_200108_25-27

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\82W010320S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	84	rVB	47989	86306	3.00%	0.435%
2	4.916	482	494	511	rBV3	59654	217739	7.58%	1.098%
3	7.165	850	863	876	rBV	203580	554643	19.30%	2.796%
4	7.878	970	980	985	rBV	415886	997753	34.72%	5.029%
5	7.946	985	991	1003	rVB	775165	1721746	59.92%	8.679%
6	8.305	1040	1050	1060	rBV	375143	861092	29.97%	4.341%
7	8.842	1128	1138	1148	rBV	1070514	2136622	74.35%	10.770%
8	9.092	1171	1179	1191	rVB2	40254	84103	2.93%	0.424%
9	10.323	1372	1381	1388	rBV	1610599	2873645	100.00%	14.485%
10	11.628	1587	1595	1606	rBV	1075698	1828746	63.64%	9.218%
11	11.835	1623	1629	1635	rBV3	16959	37607	1.31%	0.190%
12	12.170	1673	1684	1691	rBV10	15206	60668	2.11%	0.306%
13	12.250	1693	1697	1703	rVB2	17610	30948	1.08%	0.156%
14	12.615	1751	1757	1766	rVB	767165	1277248	44.45%	6.438%
15	12.878	1792	1800	1805	rBV7	20740	52362	1.82%	0.264%
16	12.932	1805	1809	1812	rBV3	28789	54049	1.88%	0.272%
17	13.079	1829	1833	1837	rBV4	21332	30999	1.08%	0.156%
18	13.164	1842	1847	1851	rBV	118847	170700	5.94%	0.860%
19	13.292	1864	1868	1871	rVV4	31838	43207	1.50%	0.218%
20	13.341	1871	1876	1884	rVB6	46939	98734	3.44%	0.498%
21	13.487	1896	1900	1902	rBV	63542	91999	3.20%	0.464%
22	13.554	1902	1911	1918	rVB	663018	1204030	41.90%	6.069%
23	13.621	1918	1922	1925	rBV	59498	78762	2.74%	0.397%
24	13.871	1959	1963	1967	rVV4	53158	102176	3.56%	0.515%
25	13.914	1967	1970	1977	rVV6	53067	127291	4.43%	0.642%
26	13.981	1977	1981	1985	rVV3	52460	99641	3.47%	0.502%
27	14.030	1985	1989	1993	rVV2	52660	105402	3.67%	0.531%
28	14.085	1996	1998	2002	rVV4	65072	88247	3.07%	0.445%
29	14.133	2002	2006	2012	rVV2	61436	109027	3.79%	0.550%
30	14.188	2013	2015	2020	rVB4	43212	53809	1.87%	0.271%
31	14.255	2020	2026	2033	rBV	272254	511104	17.79%	2.576%
32	14.353	2034	2042	2045	rVV3	62413	171182	5.96%	0.863%
33	14.414	2045	2052	2062	rVV	880468	1661093	57.80%	8.373%
34	14.524	2062	2070	2076	rVV	316277	635540	22.12%	3.204%

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WP022SB452 200108 25-27

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

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35	14.585	2077	2080	2088	rVB5	50210	105524	3.67%	0.532%
36	14.798	2111	2115	2118	rBV3	38910	61747	2.15%	0.311%
37	14.841	2119	2122	2130	rVB4	78288	145068	5.05%	0.731%
38	15.005	2144	2149	2154	rVB	220691	391374	13.62%	1.973%
39	15.072	2154	2160	2165	rBV	125253	228947	7.97%	1.154%
40	15.127	2165	2169	2179	rVV3	100159	249406	8.68%	1.257%
41	15.408	2210	2215	2224	rBV3	131695	292796	10.19%	1.476%
42	15.670	2254	2258	2262	rBV5	31356	53404	1.86%	0.269%
43	15.859	2286	2289	2295	rBV4	30455	52013	1.81%	0.262%

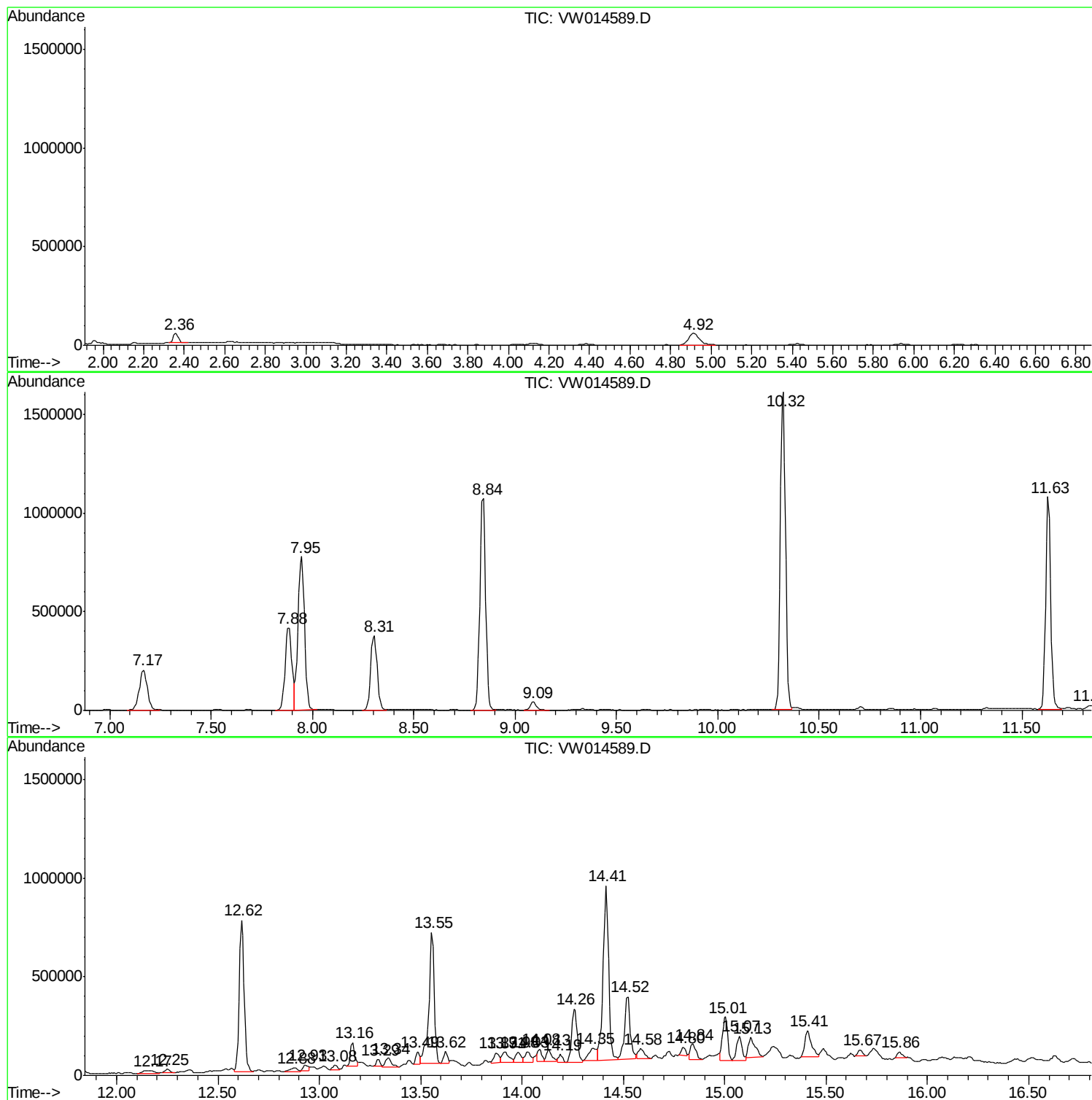
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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



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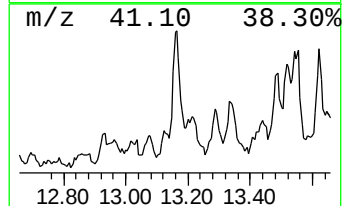
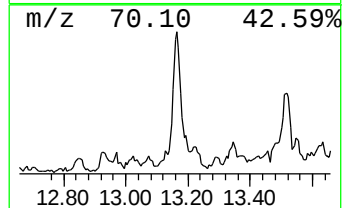
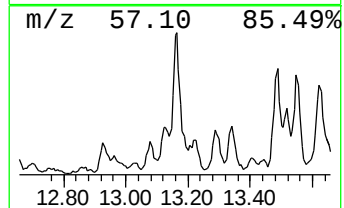
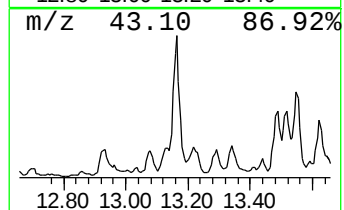
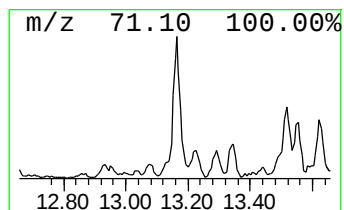
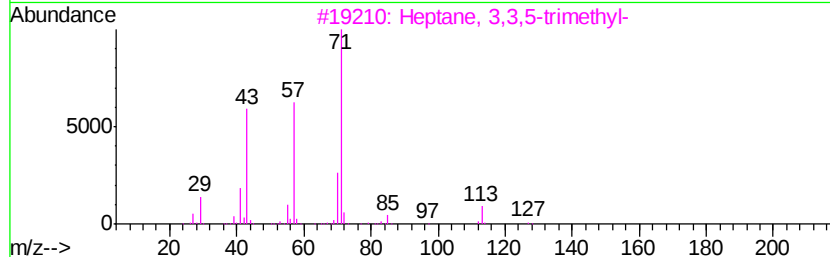
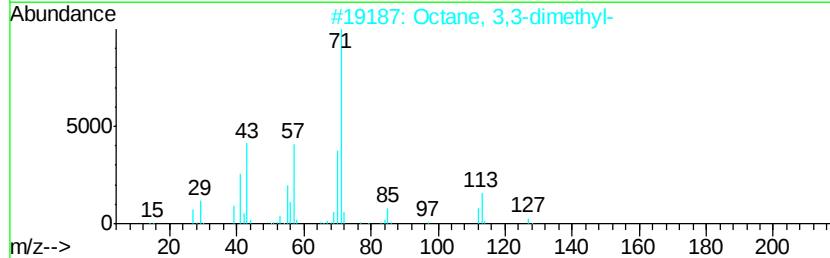
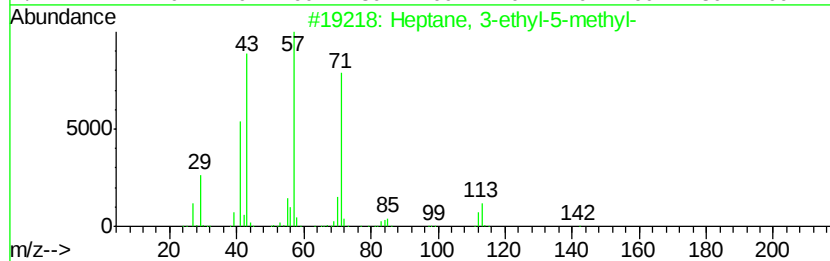
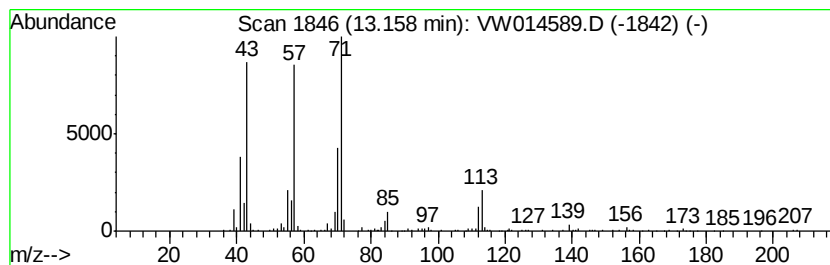
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 3-ethyl-5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	7.09 ug/l	170700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
2		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	72



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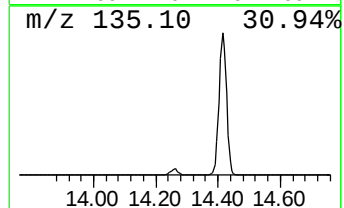
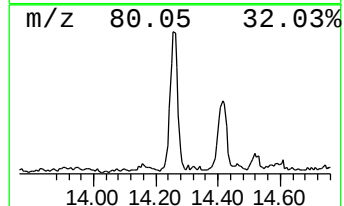
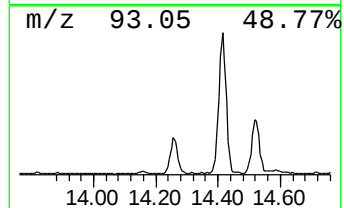
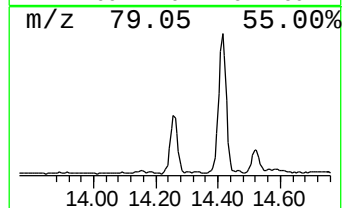
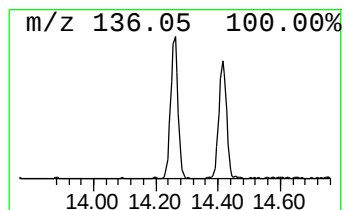
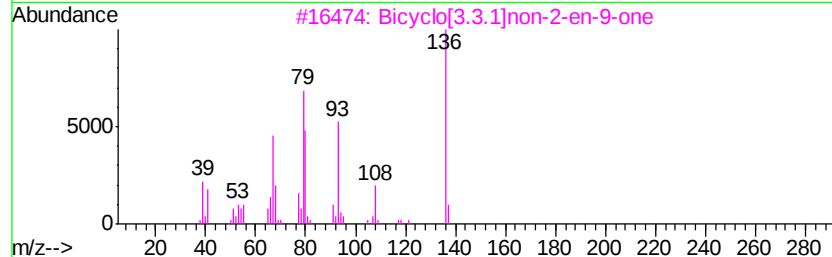
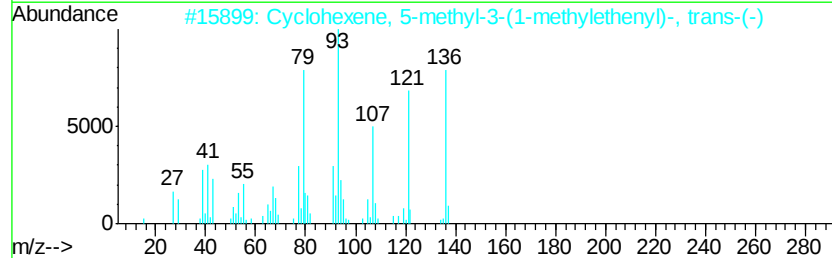
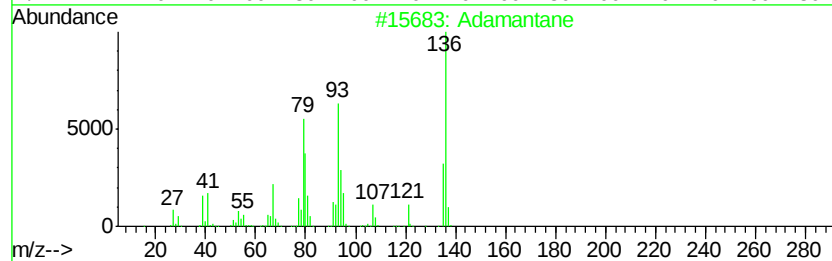
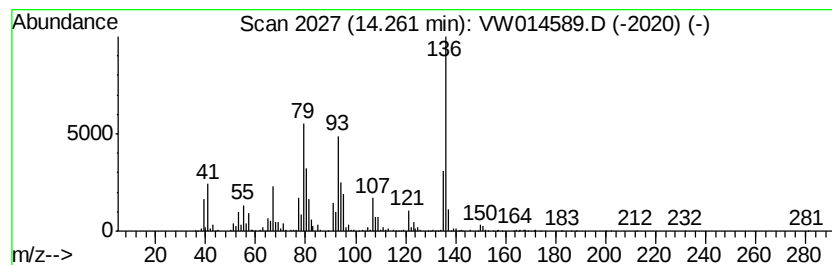
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Adamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	21.22 ug/l	511104	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane	136 C10H16	000281-23-2	97
2	Cyclohexene, 5-methyl-3-(1-methy...	136 C10H16	056816-08-1	64
3	Bicyclo[3.3.1]non-2-en-9-one	136 C9H12O	004844-11-5	62
4	Cyclohexane, 1-methylene-4-(1-me...	136 C10H16	000499-97-8	62
5	Bicyclo[2.2.1]heptane, 7,7-dimet...	136 C10H16	000471-84-1	58



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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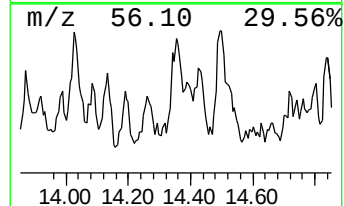
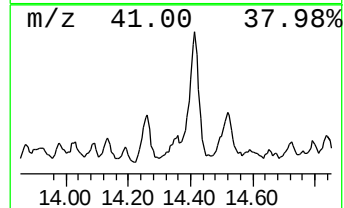
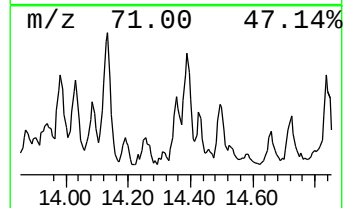
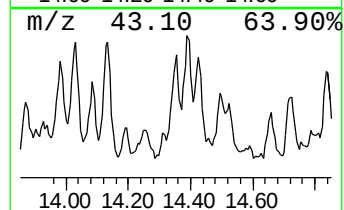
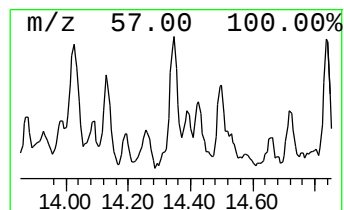
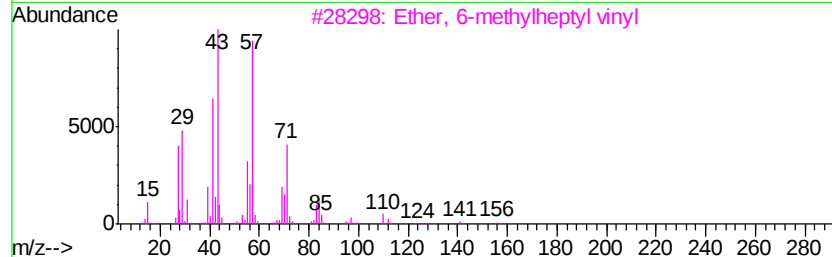
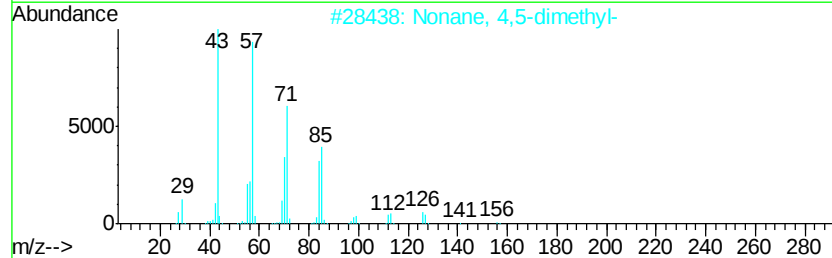
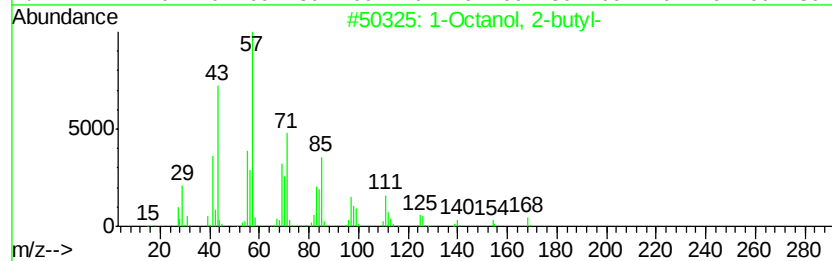
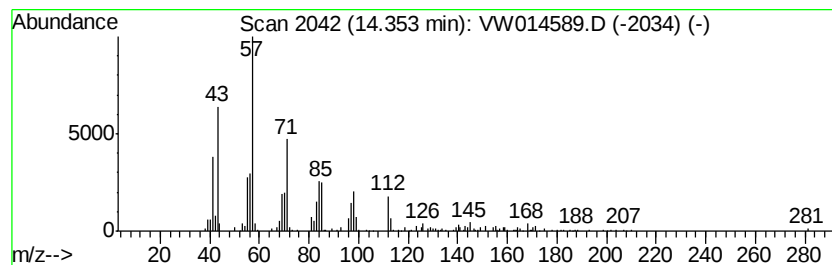
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 4 1-Octanol, 2-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	7.11 ug/l	171182	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
3			Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	52
4			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50



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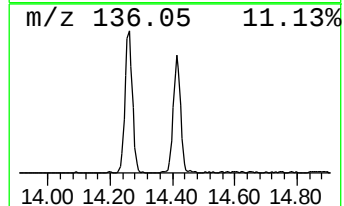
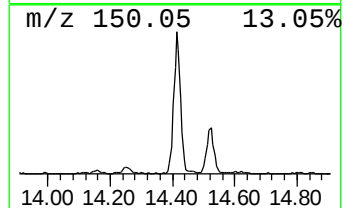
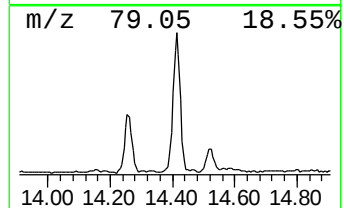
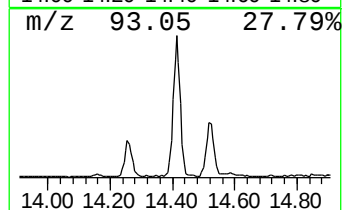
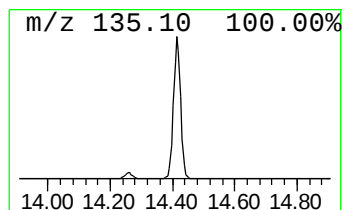
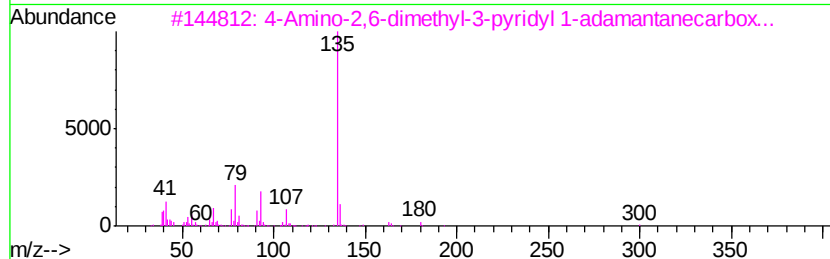
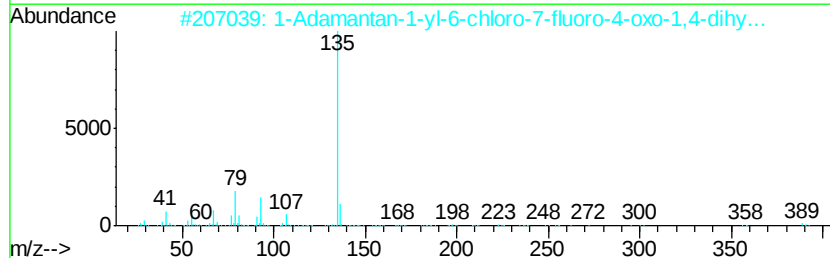
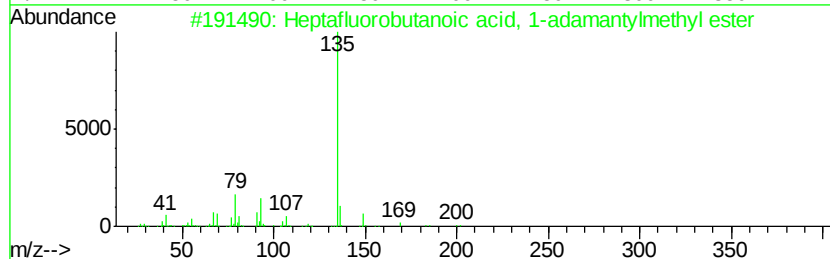
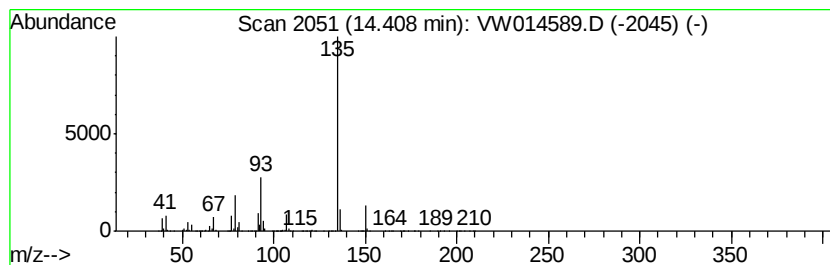
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptafluorobutanoic acid, 1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	68.98 ug/l	1661090	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	64
2		1-Adamantan-1-yl-6-chloro-7-fluo...	389	C21H21ClFN03	1000210-85-2	64
3		4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	64
4		Adamantane, 1-(2,4-dichlorobenzyl...	307	C17H19Cl2N	160013-80-9	64
5		2-Iodoadamantane	262	C10H15I	018971-91-0	64



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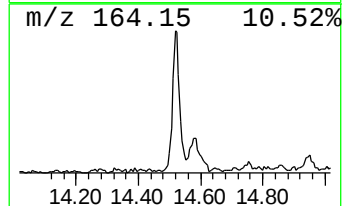
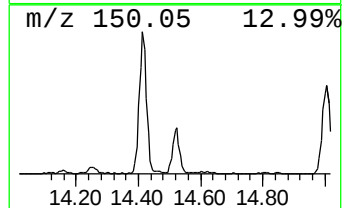
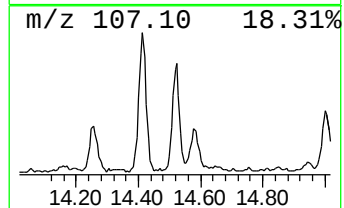
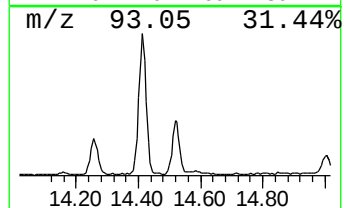
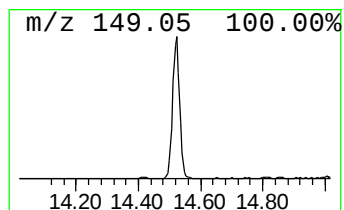
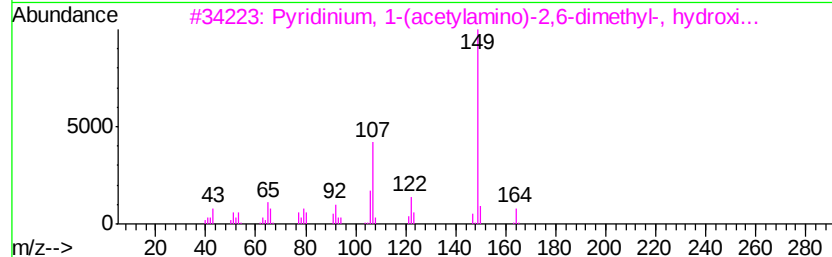
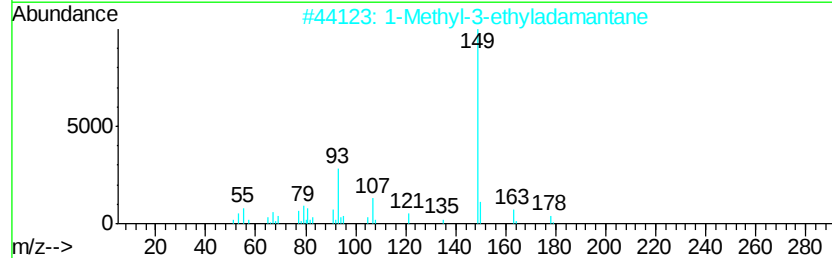
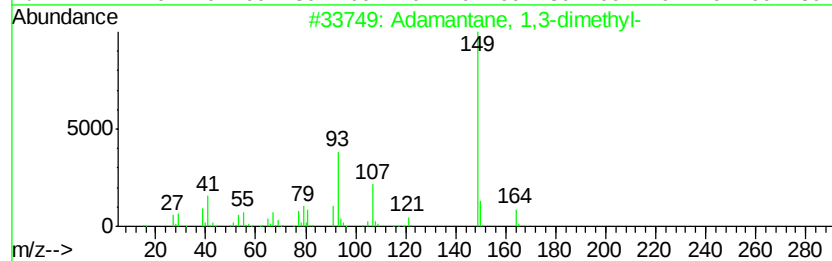
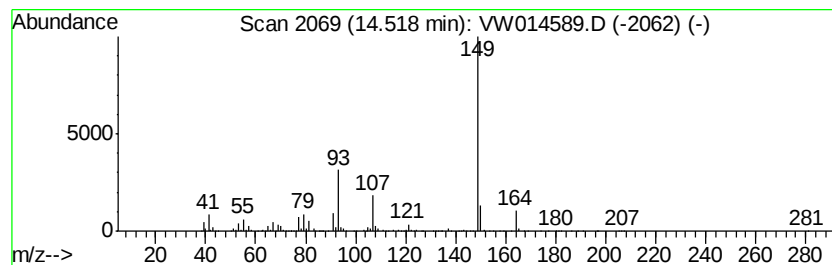
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Quant Title : SW846 8260

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

Peak Number 6 Adamantane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	26.39 ug/l	635540	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	91
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	72
3		Pvridinium, 1-(acetvlamino)-2,6-...	164	C9H12N2O	031020-35-6	59
4		5H-Pvrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	50
5		Silane, 1,3-heptadiynyltrimethyl-	164	C10H16Si	019024-47-6	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014589.D
Acq On : 09 Jan 2020 18:13
Operator : SY/VA
Sample : L1063-04
Misc : 8.58G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

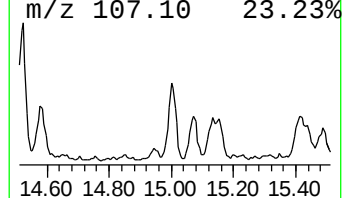
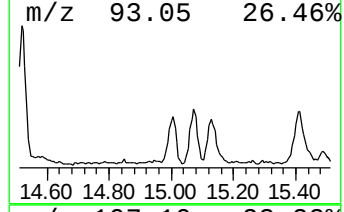
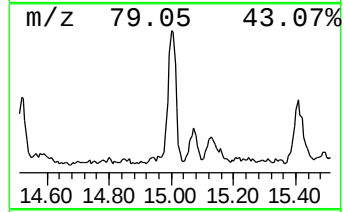
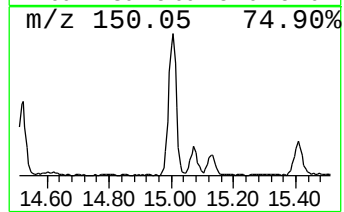
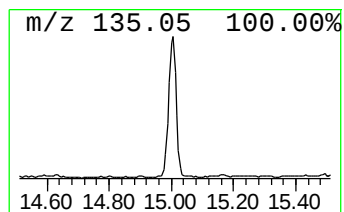
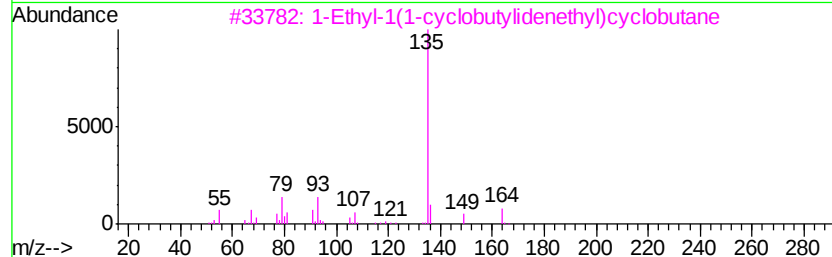
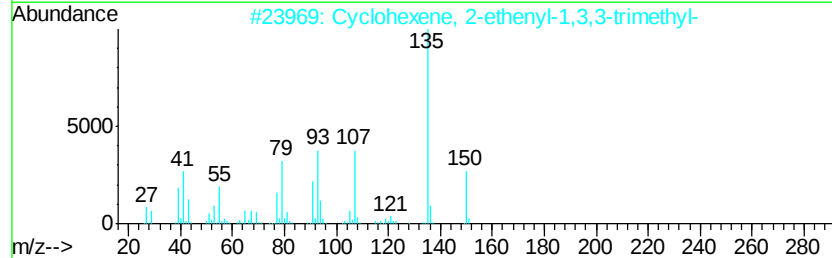
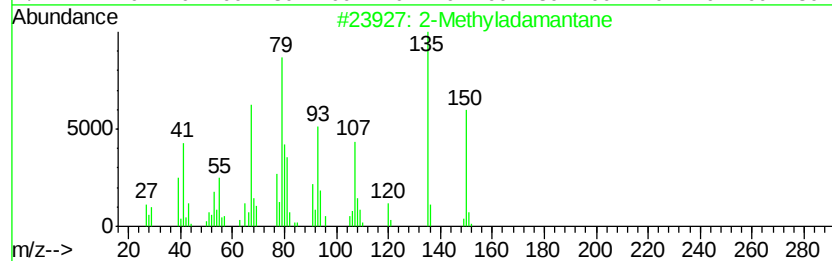
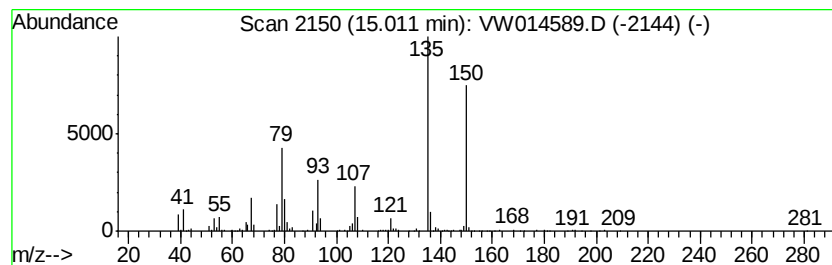
Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_25-27

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 7 2-Methyladamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	16.25 ug/l	391374	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methyladamantane	150 C11H18	000700-56-1	91
2	Cyclohexene, 2-ethenyl-1,3,3-tri...	150 C11H18	005293-90-3	74
3	1-Ethyl-1(1-cyclobutylidenethyl)...	164 C12H20	1000215-13-7	64
4	N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314 C19H26N2O2	1000260-99-4	58
5	N-[1-Adamantyl]aziridine	177 C12H19N	1000256-62-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014589.D
Acq On : 09 Jan 2020 18:13
Operator : SY/VA
Sample : L1063-04
Misc : 8.58G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_25-27

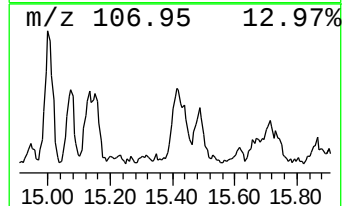
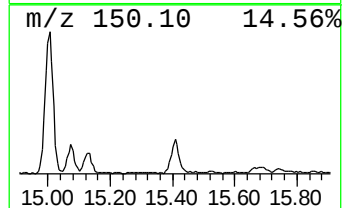
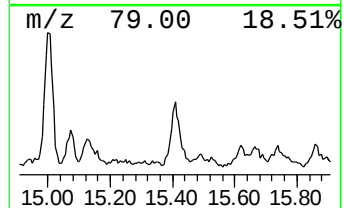
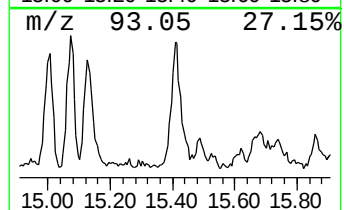
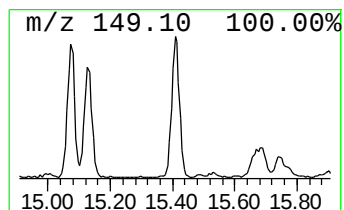
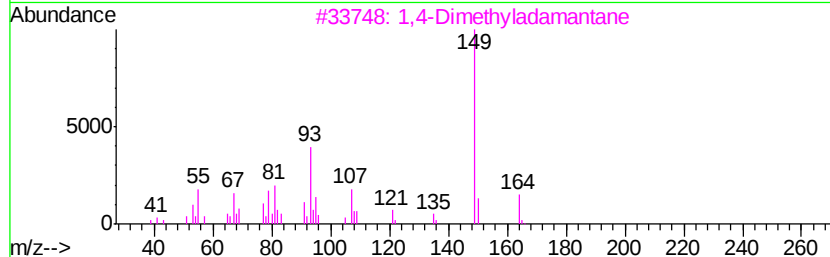
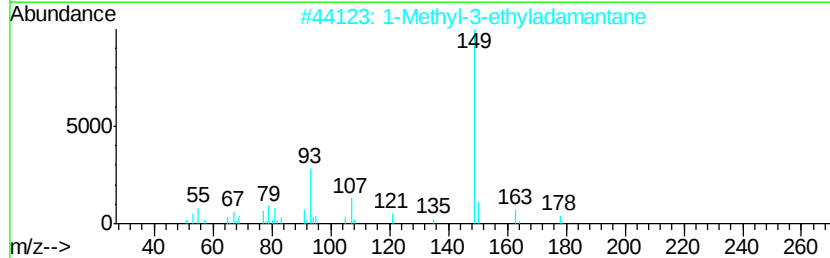
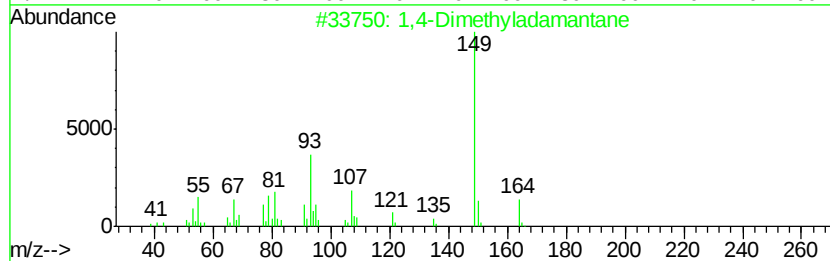
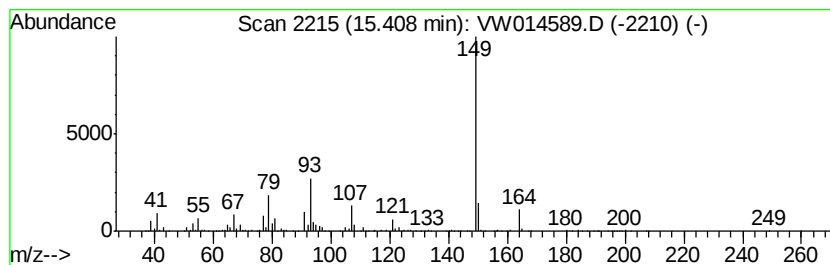
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Dimethyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	12.16 ug/l	292796	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyladamantane	164	C12H20	024145-89-9	91
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	83
3		1,4-Dimethyladamantane	164	C12H20	024145-88-8	70
4		Adamantane, 1-isothiocyano-3-m...	207	C12H17NS	136860-48-5	64
5		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010920\
Data File : VW014589.D
Acq On : 09 Jan 2020 18:13
Operator : SY/VA
Sample : L1063-04
Misc : 8.58G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB452_200108_25-27

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.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
Heptane, 3-ethyl-...	13.16	7.1	ug/l	170700	4	13.55	1204030	50.0
Adamantane	14.26	21.2	ug/l	511104	4	13.55	1204030	50.0
1-Octanol, 2-butyl-	14.35	7.1	ug/l	171182	4	13.55	1204030	50.0
Heptafluorobutano...	14.41	69.0	ug/l	1661090	4	13.55	1204030	50.0
Adamantane, 1,3-d...	14.52	26.4	ug/l	635540	4	13.55	1204030	50.0
2-Methyladamantane	15.01	16.3	ug/l	391374	4	13.55	1204030	50.0
1,4-Dimethyladama...	15.41	12.2	ug/l	292796	4	13.55	1204030	50.0