

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064653.D
 Acq On : 27 Dec 2019 19:12
 Operator : VA/SY
 Sample : K6450-02
 Misc : 8.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-FD-30-32

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_D\METHOD\82D122419S.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	1.944	3	4	15	rVB6	12844	20780	1.10%	0.167%
2	2.350	68	73	81	rVB	37529	61990	3.27%	0.498%
3	4.967	507	518	527	rVB4	15513	49652	2.62%	0.399%
4	7.714	975	985	994	rVB4	12537	28016	1.48%	0.225%
5	7.920	1010	1020	1025	rBV	282901	683006	36.05%	5.482%
6	7.985	1025	1031	1041	rVB	529376	1186529	62.63%	9.524%
7	8.338	1081	1091	1100	rBV	232964	524078	27.66%	4.207%
8	8.867	1171	1181	1194	rBV	739260	1445346	76.30%	11.602%
9	10.344	1424	1432	1441	rBV	1030472	1894415	100.00%	15.206%
10	11.649	1645	1654	1661	rBV	803377	1419036	74.91%	11.390%
11	12.267	1756	1759	1764	rVB5	16355	26962	1.42%	0.216%
12	12.385	1774	1779	1784	rVB2	17403	33721	1.78%	0.271%
13	12.638	1816	1822	1832	rVB	585307	993609	52.45%	7.976%
14	12.902	1858	1867	1871	rBV9	15674	39279	2.07%	0.315%
15	12.949	1871	1875	1880	rBV3	28916	54792	2.89%	0.440%
16	13.102	1897	1901	1906	rBV5	23855	34227	1.81%	0.275%
17	13.155	1906	1910	1911	rVV	23035	24774	1.31%	0.199%
18	13.190	1911	1916	1923	rVV	114366	202599	10.69%	1.626%
19	13.249	1923	1926	1931	rVV6	19407	33054	1.74%	0.265%
20	13.314	1933	1937	1941	rBV4	28633	48586	2.56%	0.390%
21	13.367	1941	1946	1955	rVB8	40767	90963	4.80%	0.730%
22	13.467	1955	1963	1967	rBV7	29261	65397	3.45%	0.525%
23	13.514	1967	1971	1974	rBV2	52104	80390	4.24%	0.645%
24	13.585	1974	1983	1990	rVB	594673	1077724	56.89%	8.651%
25	13.655	1991	1995	1999	rBV2	44238	62552	3.30%	0.502%
26	13.849	2022	2028	2031	rBV7	14676	32992	1.74%	0.265%
27	13.908	2033	2038	2040	rBV5	32856	54113	2.86%	0.434%
28	14.020	2052	2057	2060	rBV7	17671	28510	1.50%	0.229%
29	14.067	2061	2065	2068	rBV6	18828	26476	1.40%	0.213%
30	14.120	2070	2074	2078	rVB5	29979	42794	2.26%	0.343%
31	14.161	2078	2081	2088	rVB7	28596	47013	2.48%	0.377%
32	14.226	2088	2092	2097	rVB7	23262	32902	1.74%	0.264%
33	14.290	2097	2103	2110	rBV3	125137	238335	12.58%	1.913%
34	14.390	2111	2120	2121	rBV6	34524	71441	3.77%	0.573%

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Instrument :
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ClientSampleId :
WP022SB446_191226-FD-30-32

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_D\METHOD\82D122419S.M
Title : SW846 8260

35	14.443	2123	2129	2138	rVB	361371	716656	37.83%	5.752%
36	14.555	2140	2148	2154	rBV	149128	298492	15.76%	2.396%
37	14.832	2192	2195	2200	rBV4	21100	32200	1.70%	0.258%
38	14.879	2200	2203	2212	rVB6	52493	95577	5.05%	0.767%
39	15.037	2225	2230	2237	rVB2	82126	164138	8.66%	1.318%
40	15.108	2237	2242	2247	rBV2	57769	106429	5.62%	0.854%
41	15.173	2248	2253	2263	rVB3	53481	145294	7.67%	1.166%
42	15.455	2295	2301	2306	rBV4	65614	143425	7.57%	1.151%

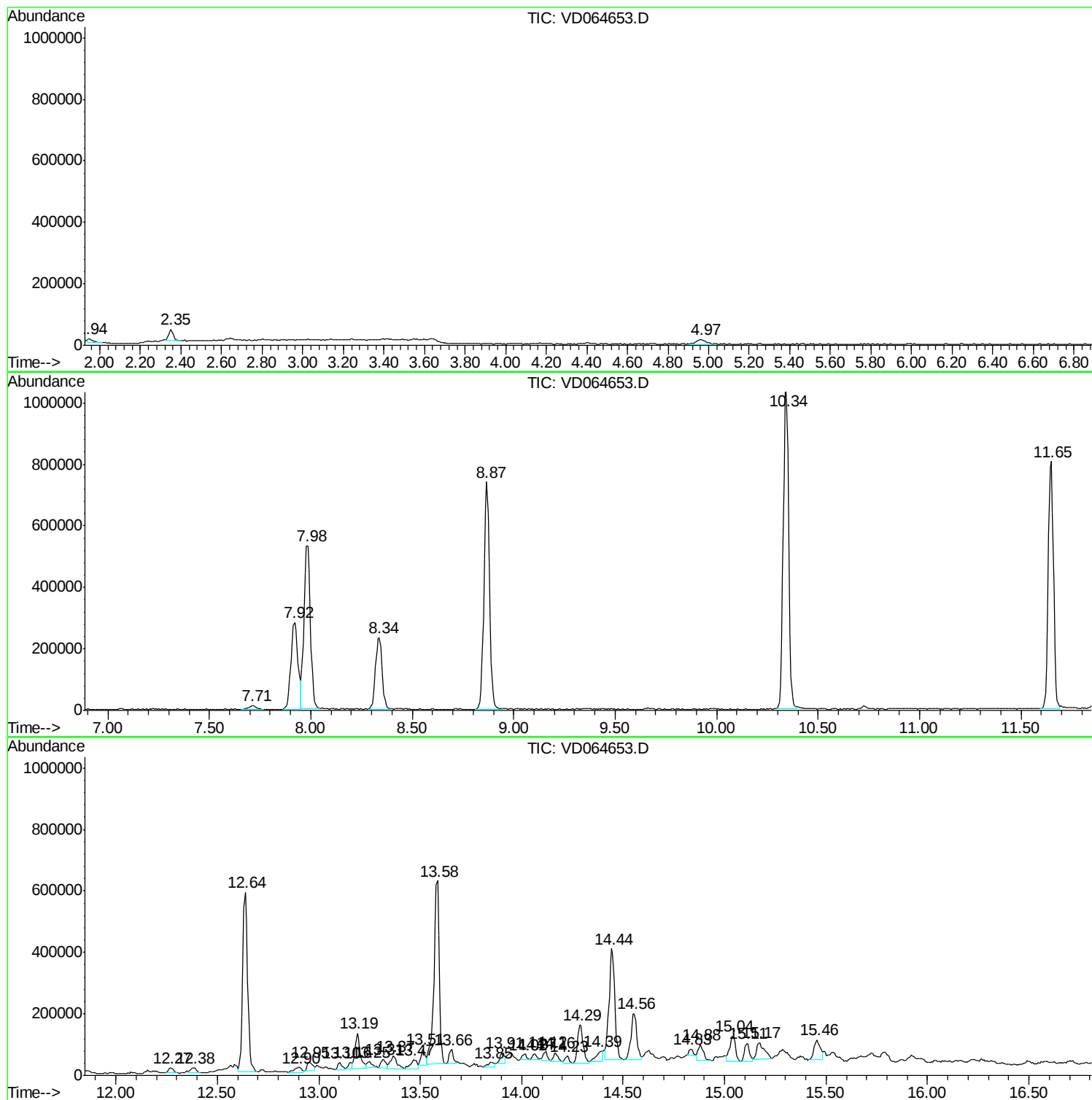
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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



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WP022SB446_191226-FD-30-32

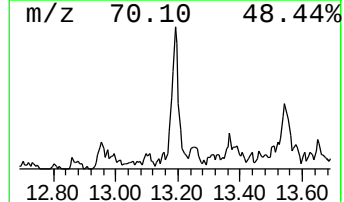
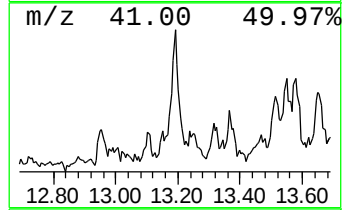
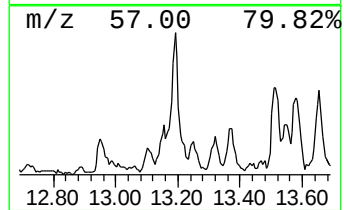
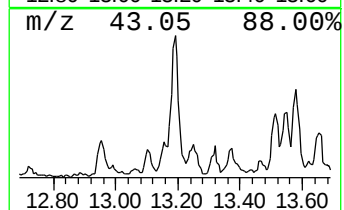
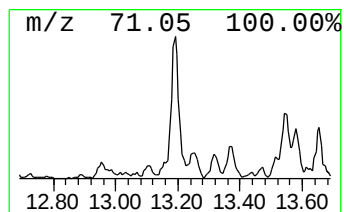
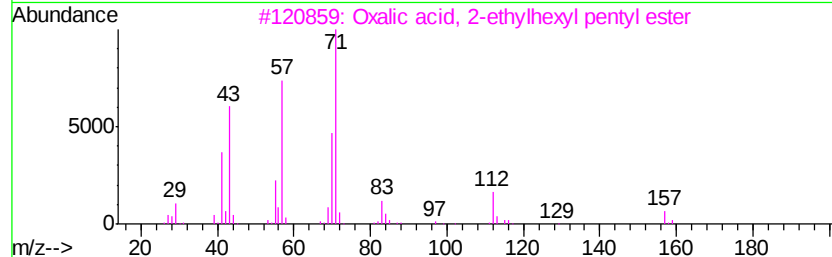
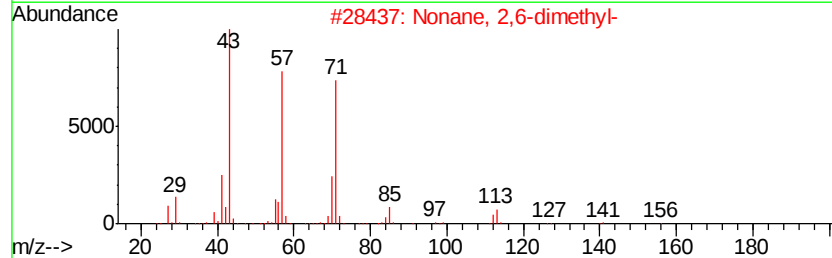
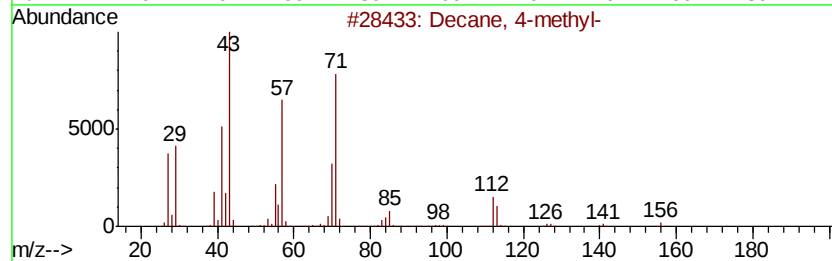
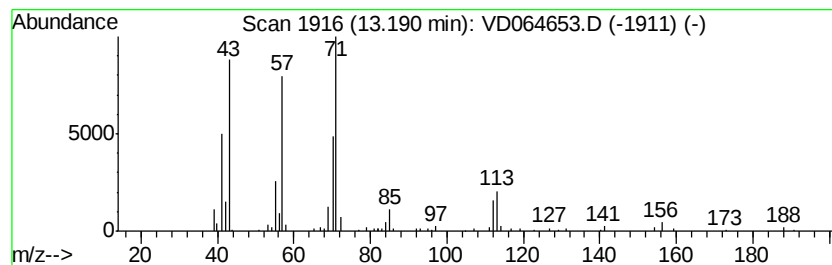
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	9.40 ug/l	202599	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	80
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	53



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Misc : 8.26G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

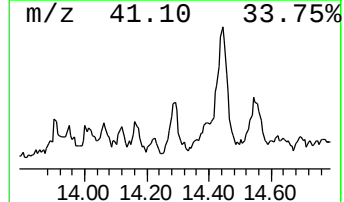
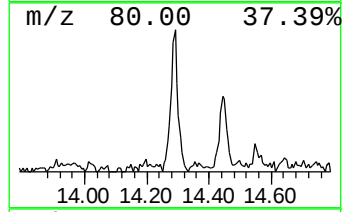
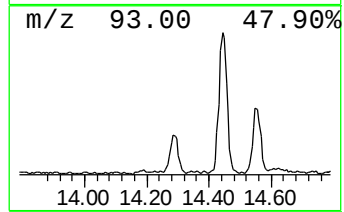
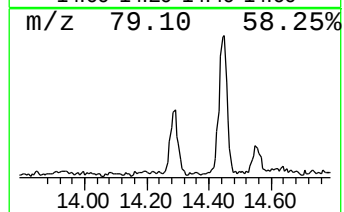
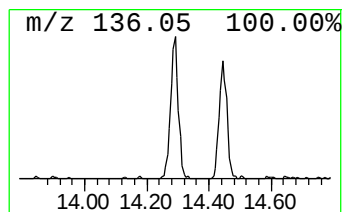
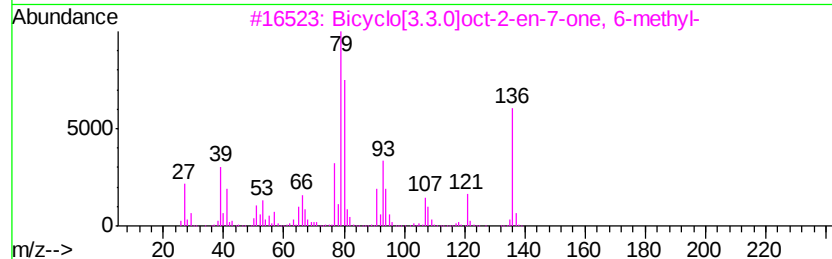
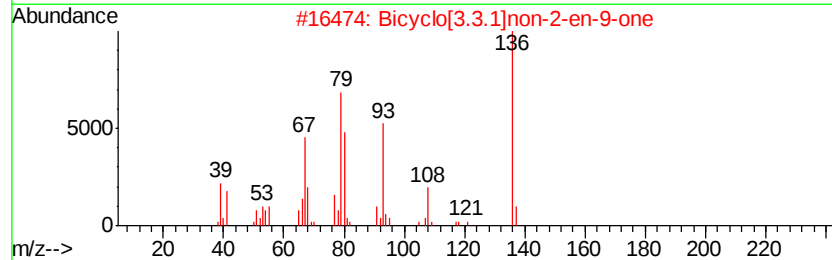
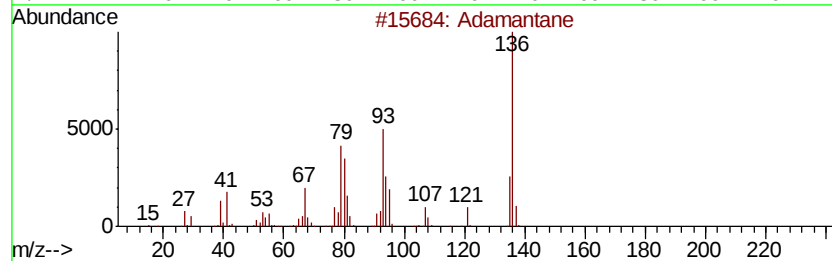
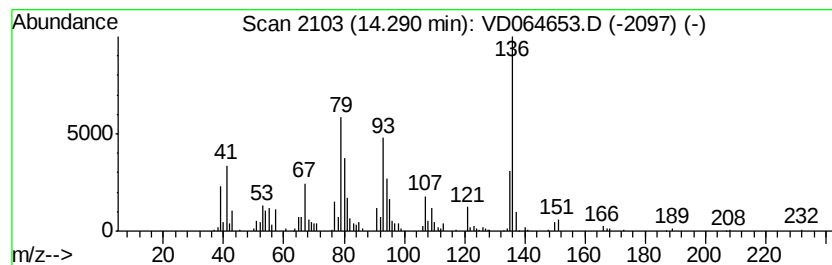
Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 2 Adamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	11.06 ug/l	238335	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 98
2	Bicyclo[3.3.1]non-2-en-9-one		136 C9H12O	004844-11-5 76
3	Bicyclo[3.3.0]oct-2-en-7-one, 6-methyl-		136 C9H12O	1000150-43-7 62
4	1,3-Cyclohexadiene, 5-butyl-		136 C10H16	030168-57-1 58
5	1,4-Benzenediamine, N,N-dimethyl-		136 C8H12N2	000099-98-9 49



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Misc : 8.26G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

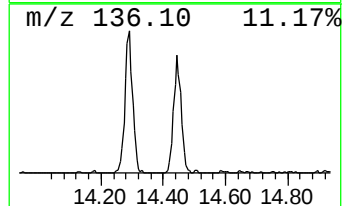
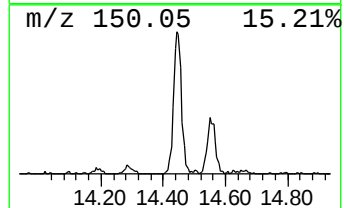
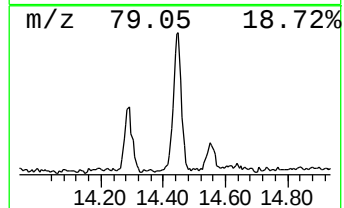
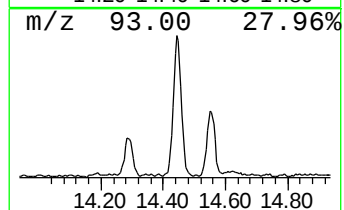
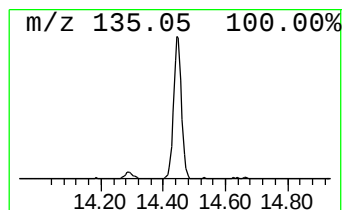
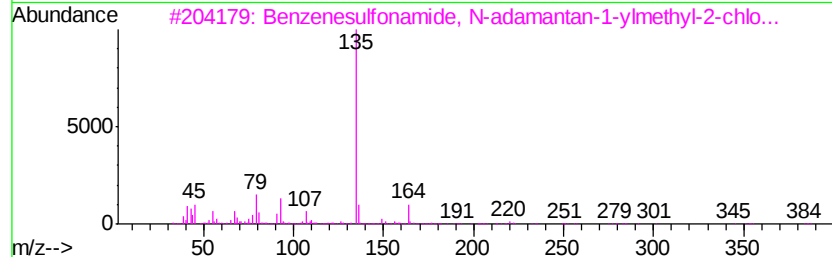
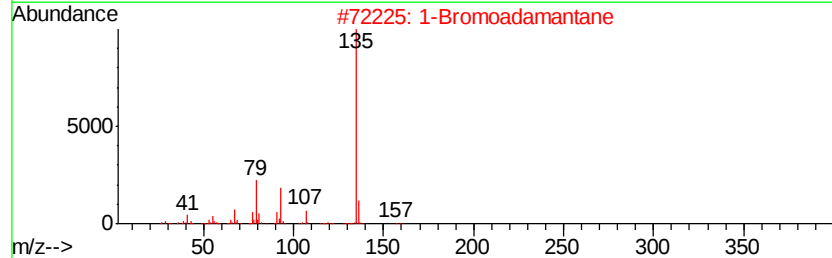
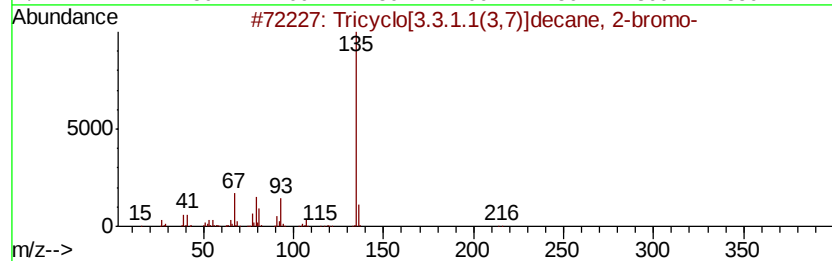
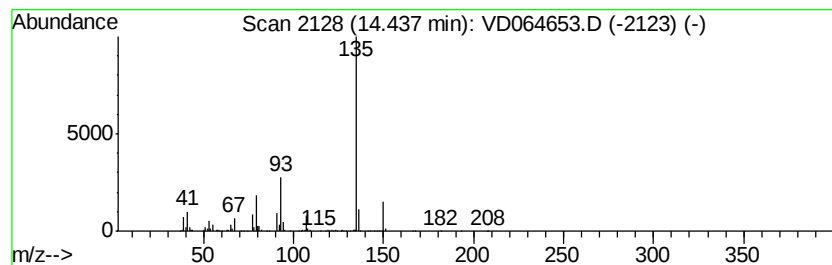
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 3 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	33.25 ug/l	716656	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricyclo[3.3.1.1(3,7)]decane, 2-...	214 C10H15Br	007314-85-4 86
2		1-Bromoadamantane	214 C10H15Br	000768-90-1 78
3		Benzenesulfonamide, N-adamantan-...	384 C17H21ClN2O4S	1000303-35-0 78
4		Tricyclo[3.3.1.1(3,7)]decane-1-c...	284 C18H24N2O	1000319-87-4 72
5		1-Adamantanecarboxylic acid, 2-b...	352 C17H18BrF02	1000293-75-5 72



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Instrument :
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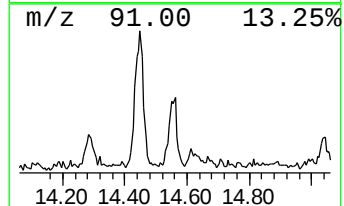
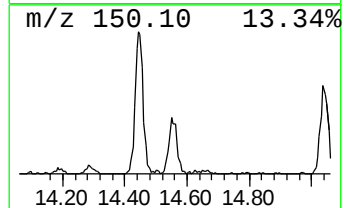
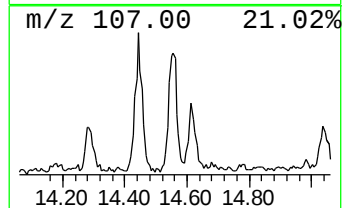
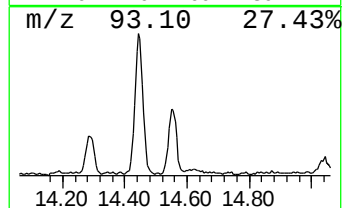
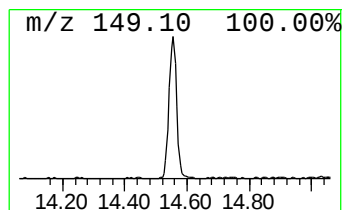
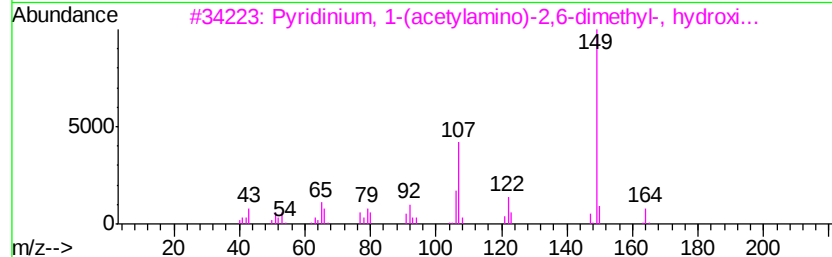
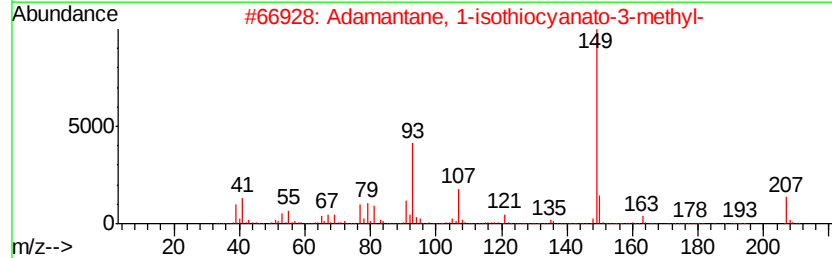
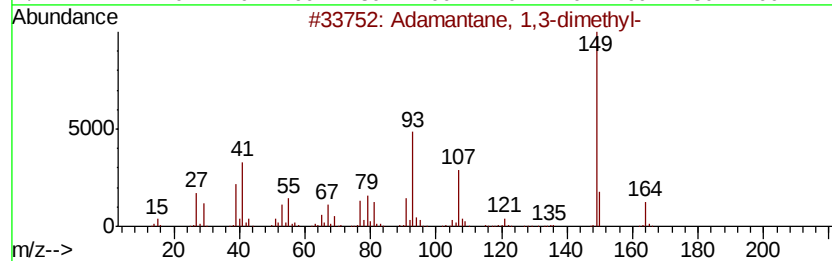
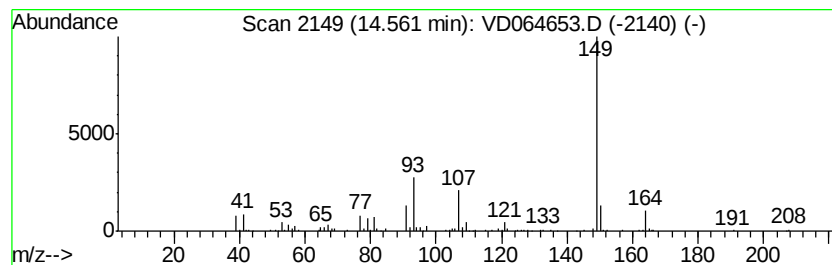
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Quant Title : SW846 8260

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

Peak Number 4 Adamantane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	13.85 ug/l	298492	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	83
2		Adamantane, 1-isothiocyanato-3-methyl-	207	C12H17NS	136860-48-5	64
3		Pyrrolium, 1-(acetyl-amino)-2,6-dimethyl-	164	C9H12N2O	031020-35-6	59
4		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	56
5		1,4-Dimethyladamantane	164	C12H20	024145-89-9	53



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

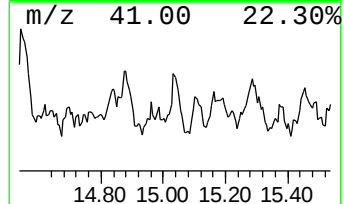
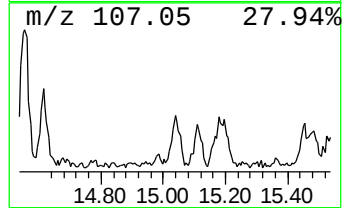
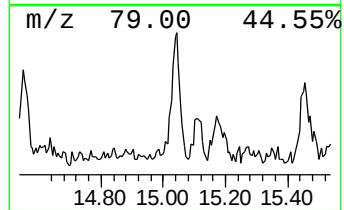
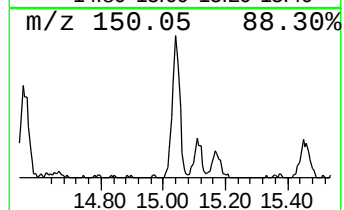
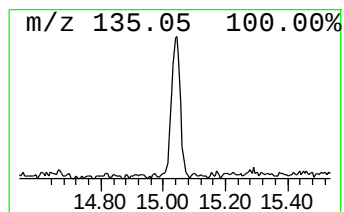
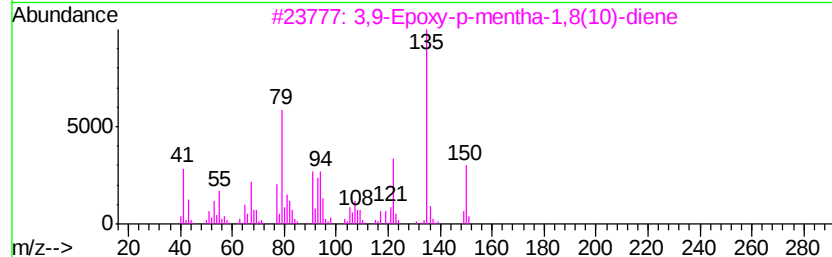
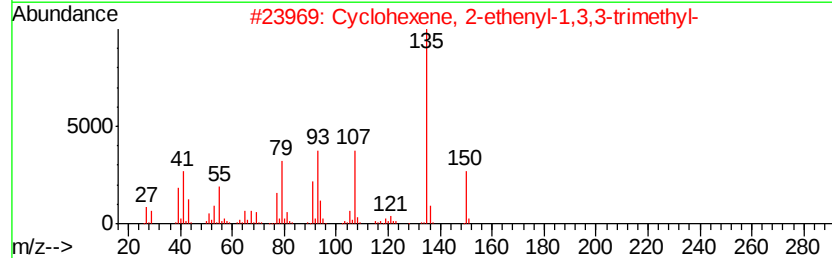
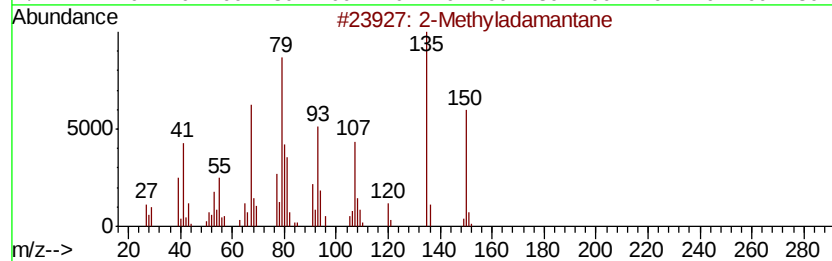
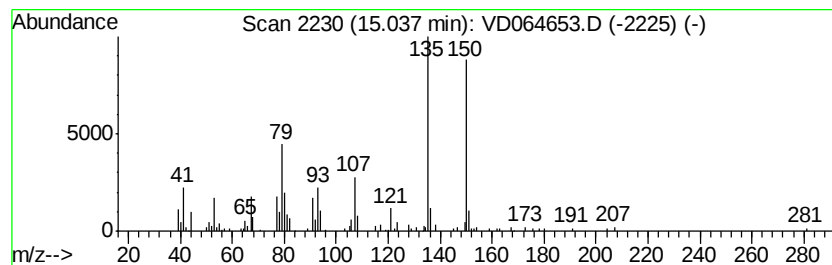
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Quant Title : SW846 8260

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

Peak Number 5 2-Methyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	7.62 ug/l	164138	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyladamantane	150	C11H18	000700-56-1	94
2		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	80
3		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	72
4		2-Ethyl-4-methylanisole	150	C10H14O	079744-78-8	58
5		Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064653.D
Acq On : 27 Dec 2019 19:12
Operator : VA/SY
Sample : K6450-02
Misc : 8.26G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

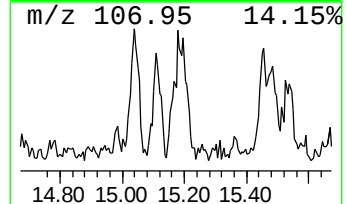
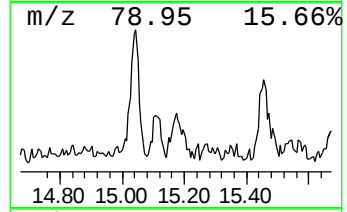
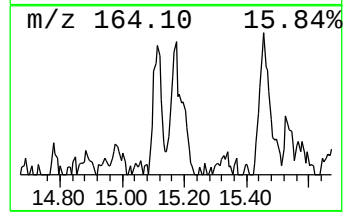
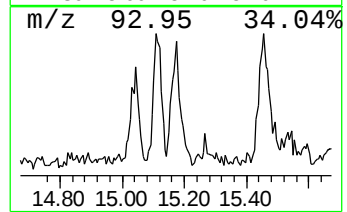
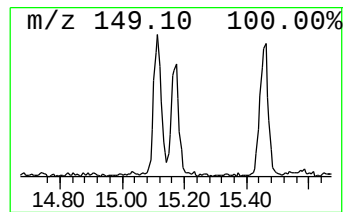
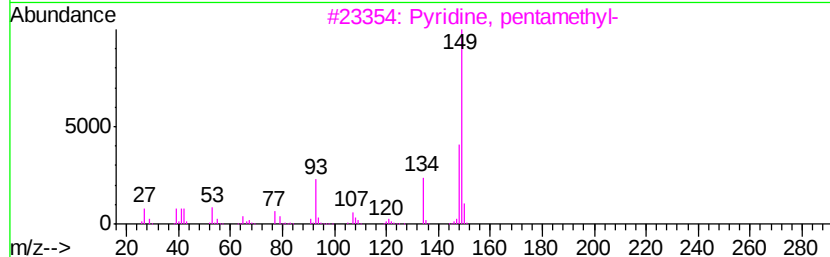
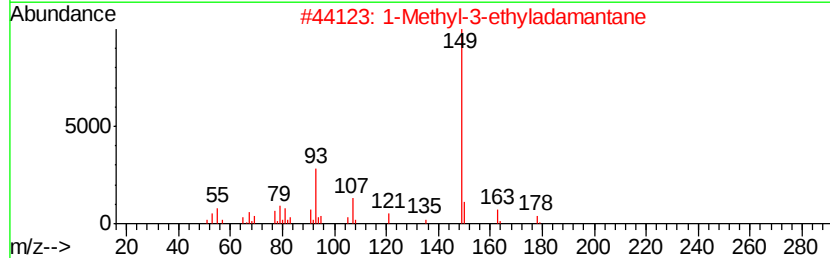
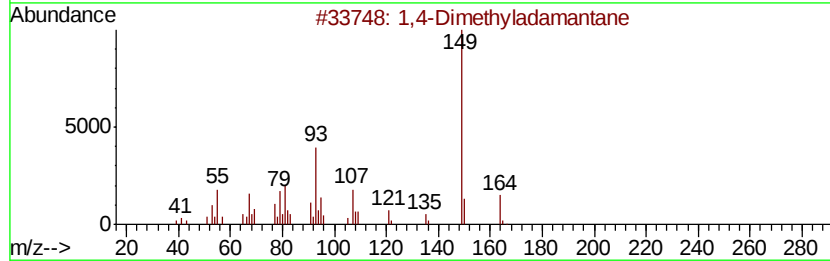
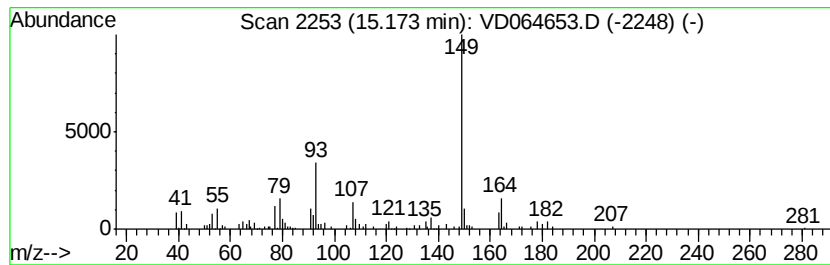
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Quant Title : SW846 8260

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

Peak Number 6 1,4-Dimethyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	6.74 ug/l	145294	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyladamantane	164	C12H20	024145-88-8	87
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	80
3		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	59
4		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	58
5		Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064653.D
Acq On : 27 Dec 2019 19:12
Operator : VA/SY
Sample : K6450-02
Misc : 8.26G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

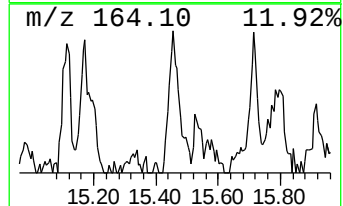
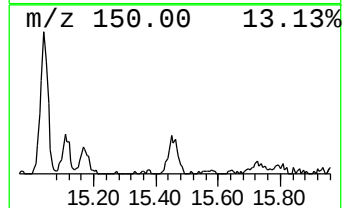
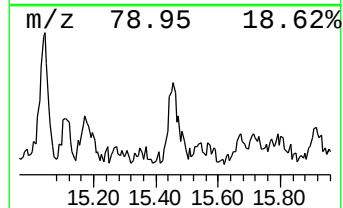
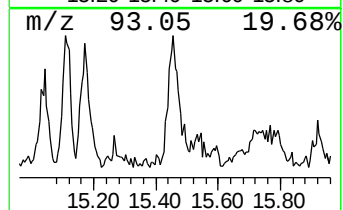
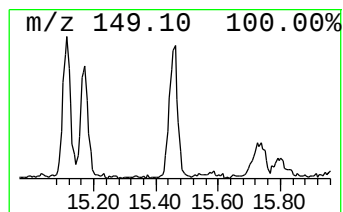
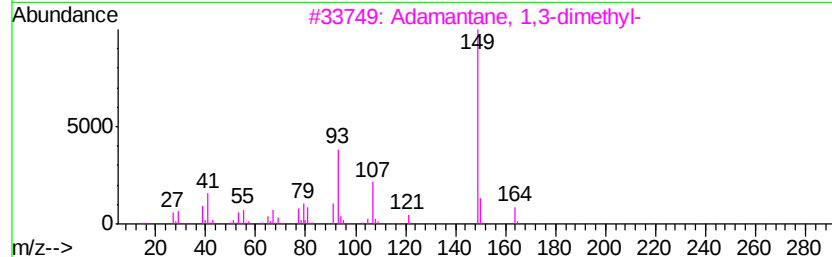
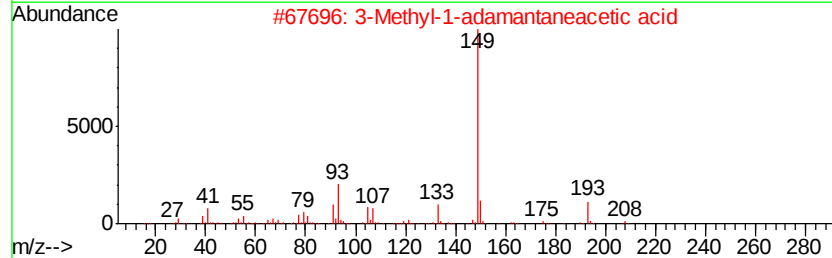
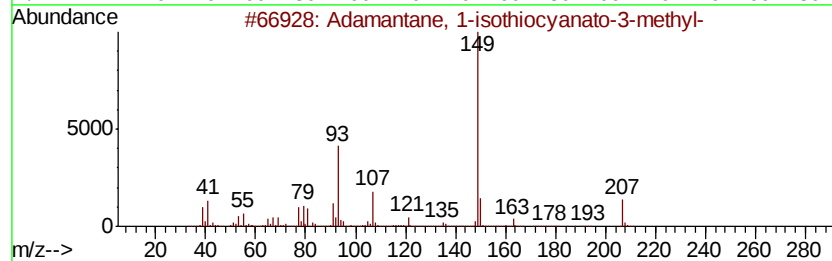
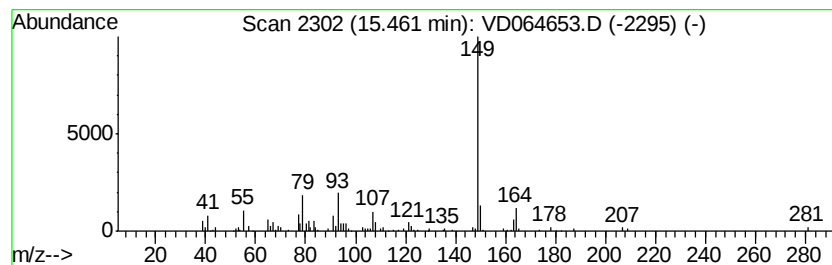
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 7 Adamantane, 1-isothiocyanat... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	6.65 ug/l	143425	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane, 1-isothiocyanato-3-m...	207 C12H17NS	136860-48-5	74
2	3-Methyl-1-adamantaneacetic acid	208 C13H20O2	014202-13-2	64
3	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	64
4	Pyrindine, pentamethyl-	149 C10H15N	003748-83-2	58
5	Silane, 1,3-heptadiynyltrimethyl-	164 C10H16Si	019024-47-6	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064653.D
Acq On : 27 Dec 2019 19:12
Operator : VA/SY
Sample : K6450-02
Misc : 8.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-FD-30-32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.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
Decane, 4-methyl-	13.19	9.4	ug/l	202599	4	13.58	1077720	50.0
Adamantane	14.29	11.1	ug/l	238335	4	13.58	1077720	50.0
Tricyclo[3.3.1.1(...	14.44	33.3	ug/l	716656	4	13.58	1077720	50.0
Adamantane, 1,3-d...	14.56	13.9	ug/l	298492	4	13.58	1077720	50.0
2-Methyladamantane	15.04	7.6	ug/l	164138	4	13.58	1077720	50.0
1,4-Dimethyladama...	15.17	6.7	ug/l	145294	4	13.58	1077720	50.0
Adamantane, 1-iso...	15.46	6.7	ug/l	143425	4	13.58	1077720	50.0