

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001239.D
 Acq On : 16 Jan 2020 00:05
 Operator : SY/MD
 Sample : L1136-01
 Misc : 8.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB456_200113_28-30

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_Y\METHODS\82Y011020S.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	1.865	16	21	31	rVB2	7027	14389	1.54%	0.193%
2	2.694	153	157	165	rVB	6396	11305	1.21%	0.151%
3	3.962	357	365	379	rBV2	15752	43308	4.64%	0.579%
4	4.493	445	452	461	rVB	4740	13500	1.45%	0.181%
5	4.730	479	491	502	rBV2	16254	52022	5.58%	0.696%
6	7.004	855	864	872	rBV2	5605	15619	1.67%	0.209%
7	7.730	973	983	989	rBV2	124632	298565	32.01%	3.995%
8	7.803	989	995	1009	rVB	215566	485576	52.07%	6.497%
9	8.157	1042	1053	1064	rBV	128144	286833	30.76%	3.838%
10	8.699	1132	1142	1155	rBV	350352	687773	73.75%	9.203%
11	10.181	1377	1385	1393	rBV	548666	932591	100.00%	12.479%
12	11.491	1591	1600	1607	rBV	478566	777361	83.35%	10.402%
13	11.699	1627	1634	1644	rBV8	6152	17199	1.84%	0.230%
14	12.004	1677	1684	1687	rBV3	5692	12652	1.36%	0.169%
15	12.302	1727	1733	1738	rBV6	6000	12853	1.38%	0.172%
16	12.479	1753	1762	1771	rVB	379230	605728	64.95%	8.105%
17	12.717	1796	1801	1802	rBV4	6575	10399	1.12%	0.139%
18	12.741	1802	1805	1811	rVB5	9646	16990	1.82%	0.227%
19	12.839	1811	1821	1823	rBV6	9917	27629	2.96%	0.370%
20	12.875	1823	1827	1833	rVB3	22474	38883	4.17%	0.520%
21	12.955	1833	1840	1845	rVB8	5093	15539	1.67%	0.208%
22	13.058	1845	1857	1862	rBV6	17920	47214	5.06%	0.632%
23	13.119	1862	1867	1870	rBV5	11617	22531	2.42%	0.301%
24	13.156	1870	1873	1875	rVV4	7287	9434	1.01%	0.126%
25	13.192	1875	1879	1890	rVB3	25482	56263	6.03%	0.753%
26	13.314	1890	1899	1903	rBV	19655	42388	4.55%	0.567%
27	13.424	1903	1917	1923	rBV	407374	743692	79.74%	9.951%
28	13.528	1926	1934	1941	rVB9	22684	64744	6.94%	0.866%
29	13.607	1942	1947	1954	rVB3	11832	19565	2.10%	0.262%
30	13.692	1954	1961	1964	rBV7	11460	25955	2.78%	0.347%
31	13.753	1966	1971	1972	rBV5	15142	24486	2.63%	0.328%
32	13.918	1994	1998	2001	rVB3	7814	10965	1.18%	0.147%
33	13.960	2001	2005	2010	rVB3	23440	36199	3.88%	0.484%
34	14.021	2010	2015	2018	rBV4	23668	43670	4.68%	0.584%

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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	14.125	2026	2032	2040	rBV	122914	209180	22.43%	2.799%
36	14.198	2040	2044	2047	rVV4	11067	19613	2.10%	0.262%
37	14.284	2047	2058	2070	rVV	355892	646143	69.28%	8.646%
38	14.387	2070	2075	2081	rVV	145483	256727	27.53%	3.435%
39	14.454	2083	2086	2096	rVB4	24610	63250	6.78%	0.846%
40	14.729	2127	2131	2136	rVB	33869	48188	5.17%	0.645%
41	14.875	2149	2155	2161	rVB	105397	178162	19.10%	2.384%
42	14.942	2161	2166	2171	rBV	57939	94005	10.08%	1.258%
43	14.997	2171	2175	2186	rBV2	49202	117934	12.65%	1.578%
44	15.094	2187	2191	2192	rBV4	9677	13570	1.46%	0.182%
45	15.210	2206	2210	2215	rBV2	16878	26268	2.82%	0.351%
46	15.277	2215	2221	2229	rBV2	56971	126484	13.56%	1.692%
47	15.350	2230	2233	2237	rVB4	13984	21745	2.33%	0.291%
48	15.533	2259	2263	2268	rBV5	13142	28208	3.02%	0.377%
49	15.716	2289	2293	2297	rBV3	14765	28128	3.02%	0.376%
50	15.832	2308	2312	2317	rBV8	7762	19039	2.04%	0.255%
51	16.478	2414	2418	2423	rVB7	14947	30901	3.31%	0.413%
52	16.545	2425	2429	2436	rVB10	9308	22171	2.38%	0.297%

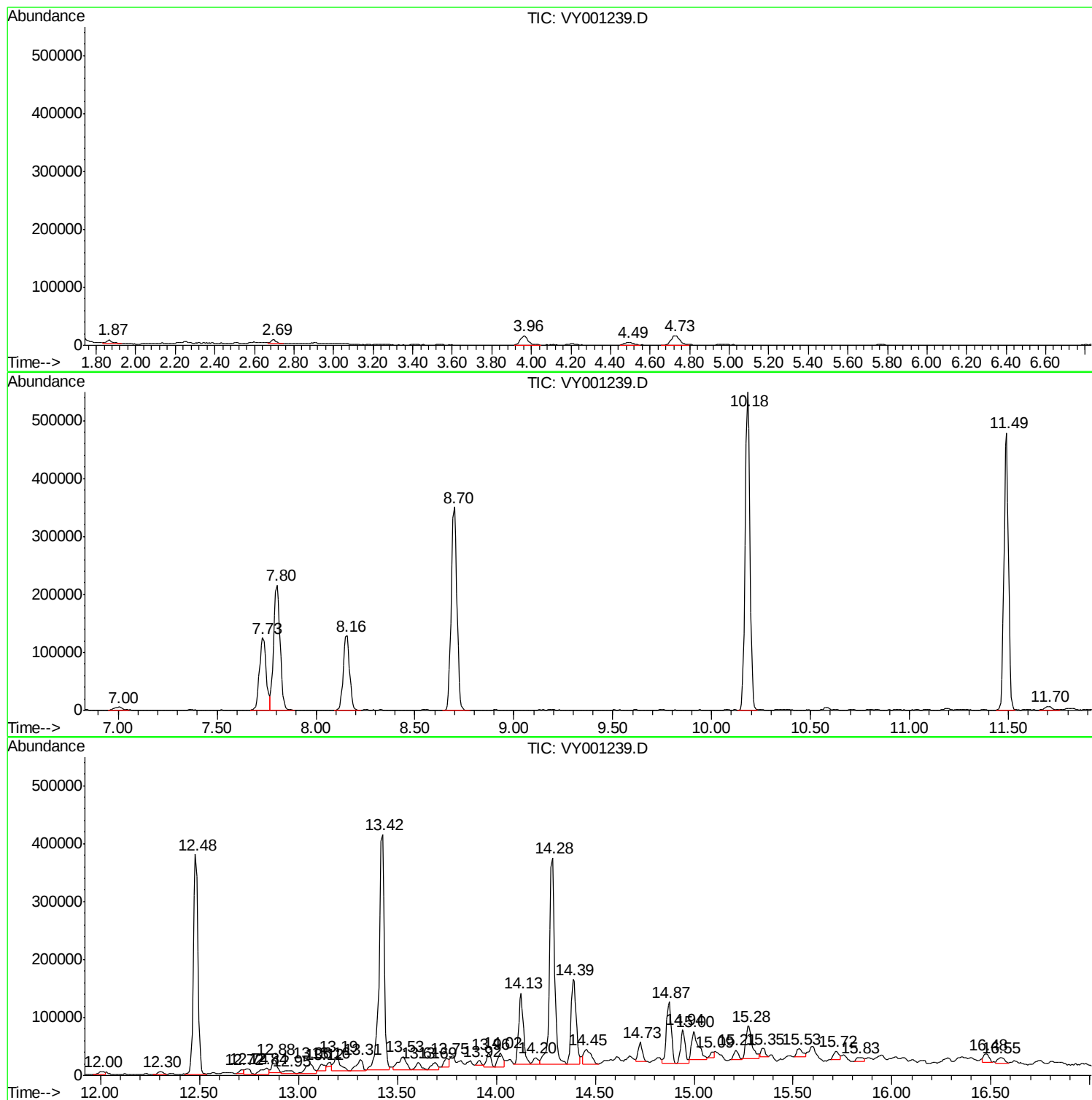
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



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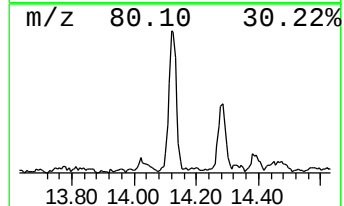
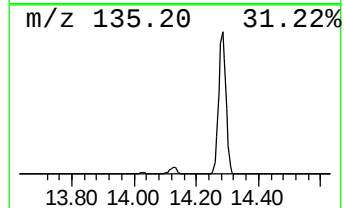
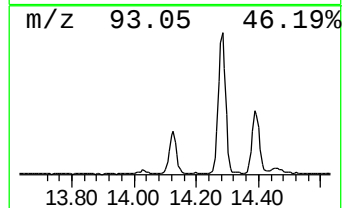
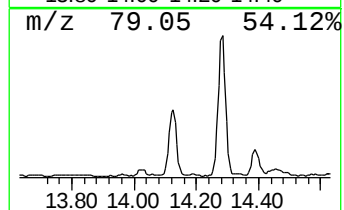
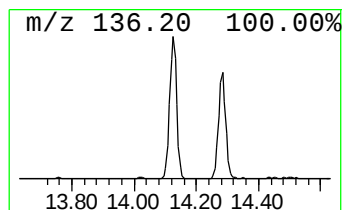
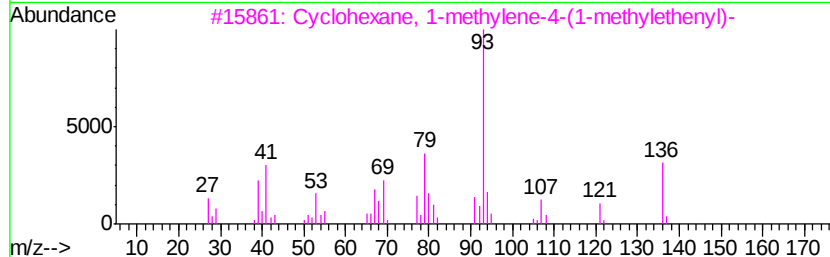
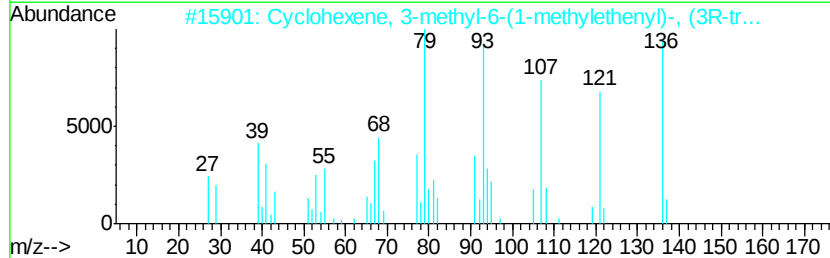
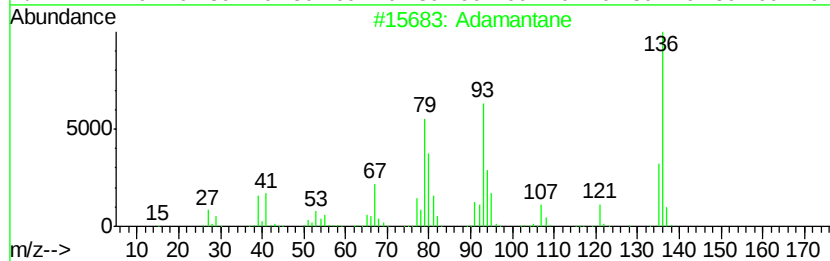
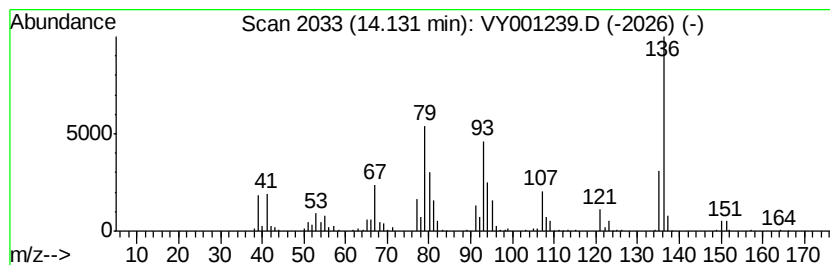
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB456_200113_28-30

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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.
14.13	14.06 ug/l	209180	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 98
2	Cyclohexene, 3-methyl-6-(1-methy...		136 C10H16	005113-87-1 70
3	Cyclohexane, 1-methylene-4-(1-me...		136 C10H16	000499-97-8 68
4	Bicyclo[3.3.1]non-2-en-9-one		136 C9H12O	004844-11-5 68
5	Bicyclo[2.2.1]heptane, 2,2-dimet...		136 C10H16	000497-32-5 58



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Misc : 8.47G/5ML/MSVOA Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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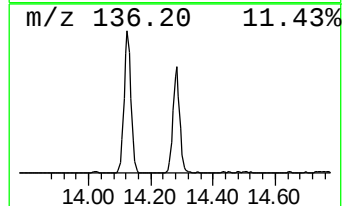
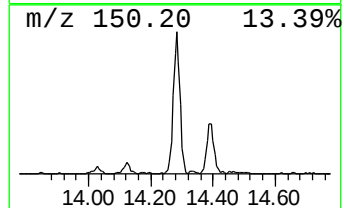
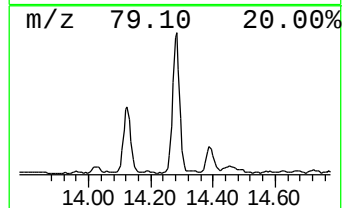
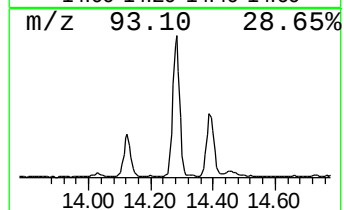
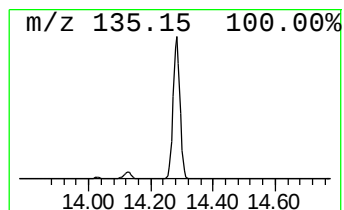
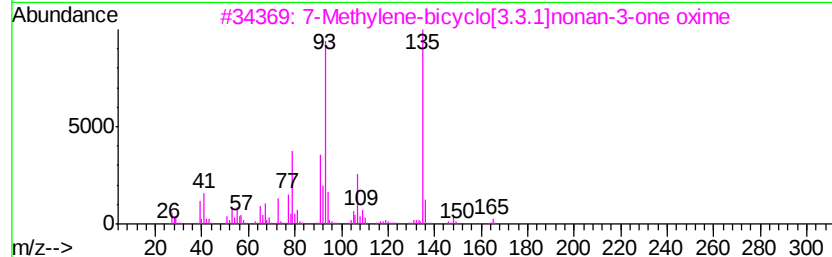
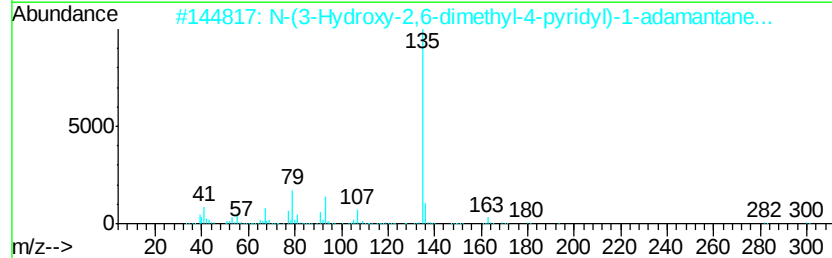
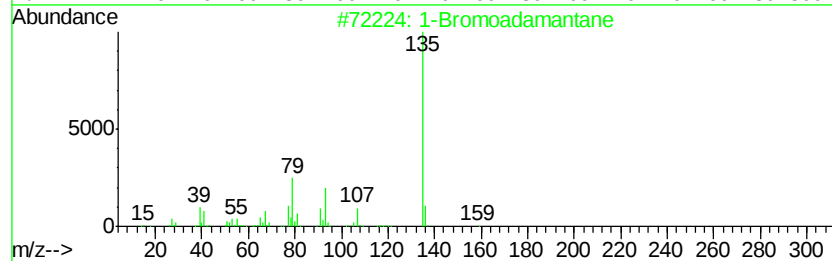
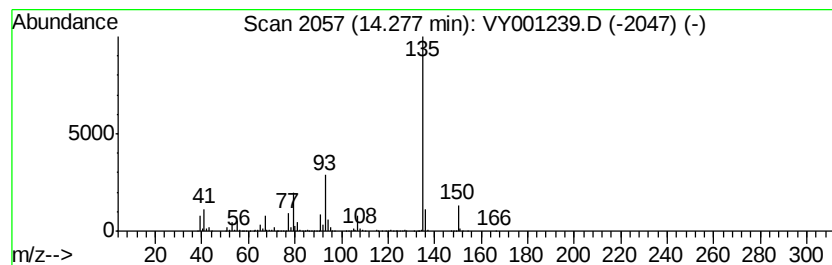
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 3 1-Bromoadamantane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	43.44 ug/l	646143	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromoadamantane	214	C10H15Br	000768-90-1	72
2		N-(3-Hydroxy-2,6-dimethyl-4-pyridyl)-1-adamantane...	300	C18H24N2O2	1000260-99-3	72
3		7-Methylene-bicyclo[3.3.1]nonan-3-one oxime	165	C10H15NO	1000185-68-5	72
4		4-Amino-2,6-dimethyl-3-pyridyl-1-adamantane...	300	C18H24N2O2	1000260-99-2	72
5		1-Adamantanecarboxylic acid chloro...	198	C11H15ClO	002094-72-6	72



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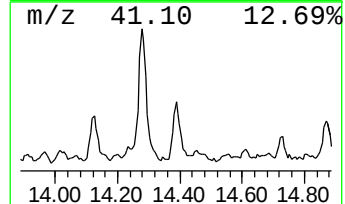
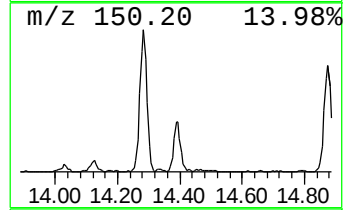
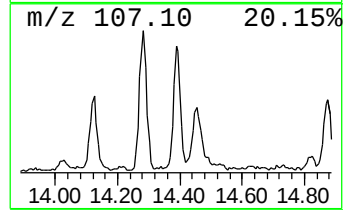
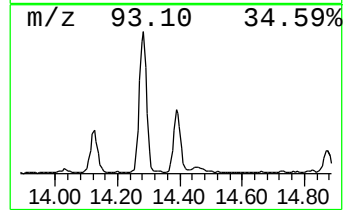
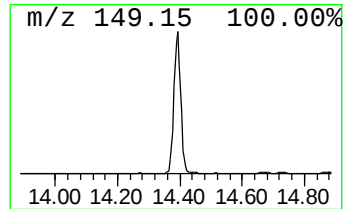
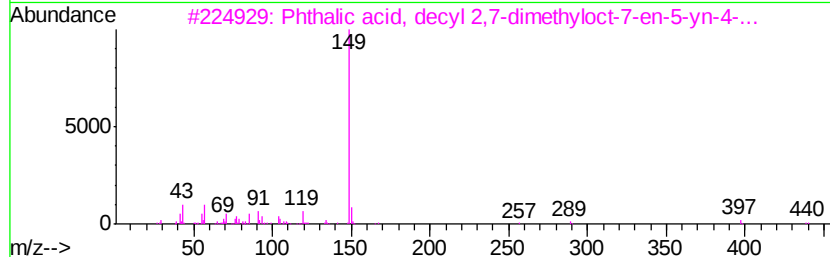
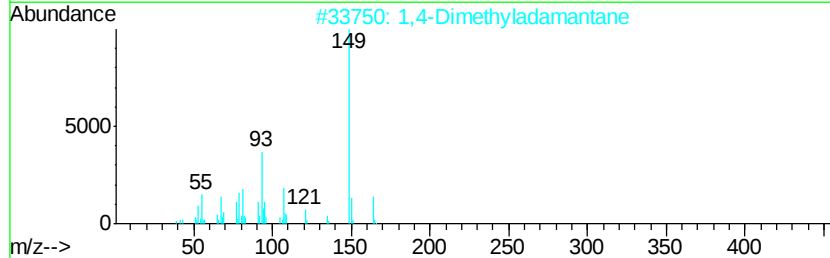
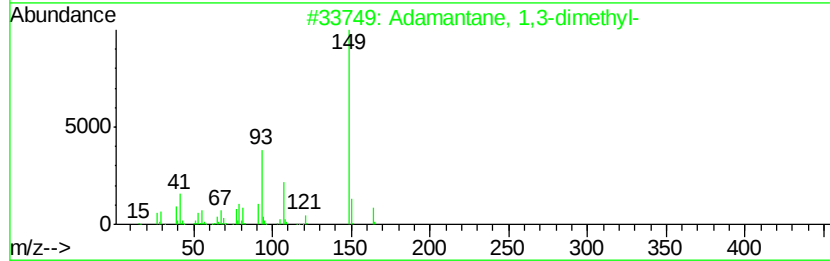
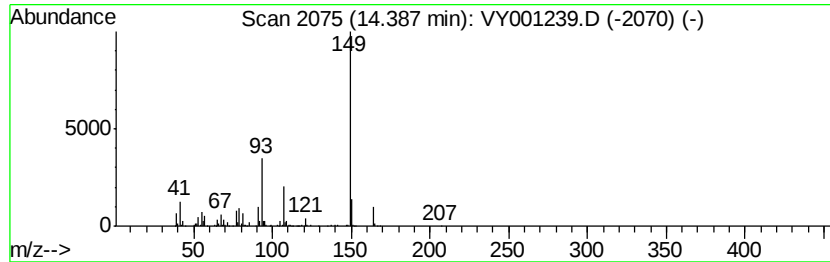
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	17.26 ug/l	256727	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	97
2		1,4-Dimethyladamantane	164	C12H20	024145-89-9	56
3		Phthalic acid, decyl 2,7-dimethyl...	440	C28H40O4	1000315-49-5	50
4		Pyridinium, 1-(acetyl amino)-2,6-...	164	C9H12N2O	031020-35-6	50
5		Tricyclo[3.3.1.1(3,7)]decanone, ...	276	C10H13IO	056781-85-2	47



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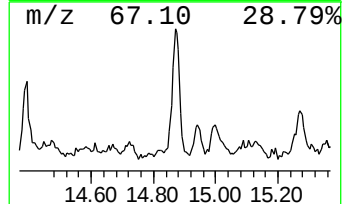
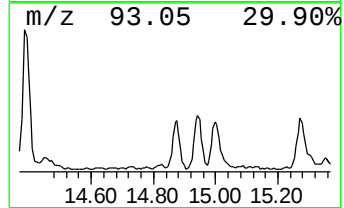
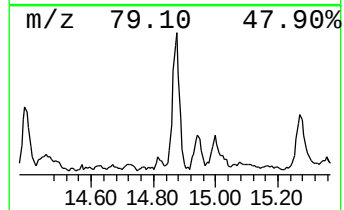
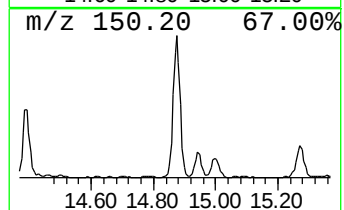
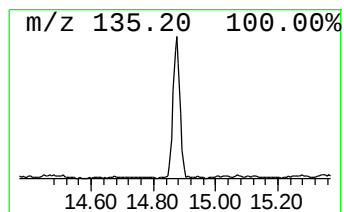
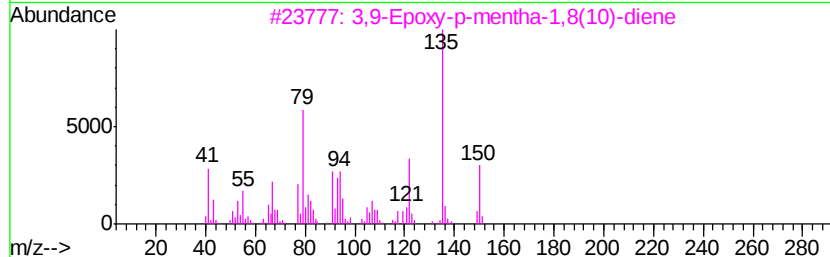
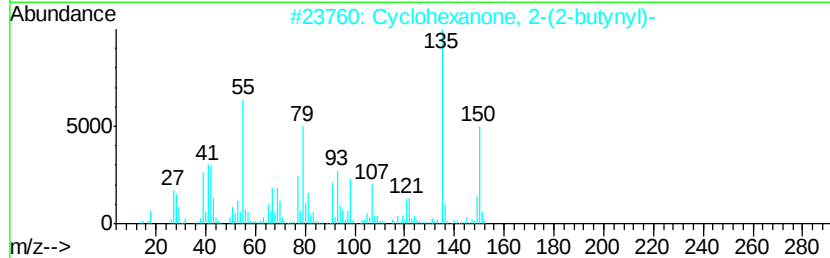
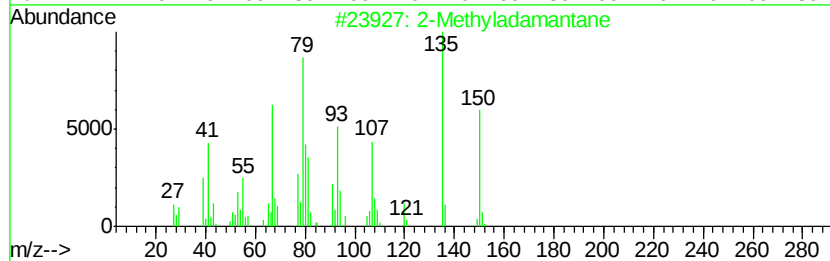
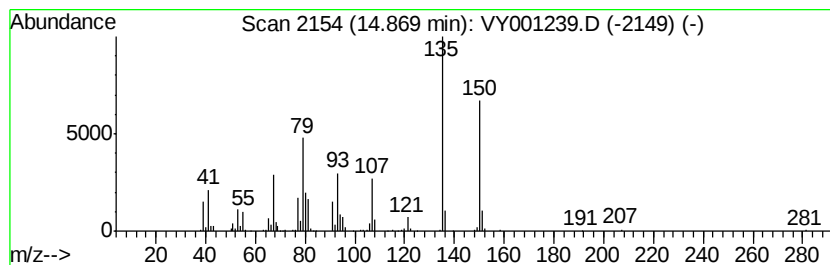
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Methyladamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.98 ug/l	178162	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyladamantane	150	C11H18	000700-56-1	91
2		Cyclohexanone, 2-(2-butylnyl)-	150	C10H14O	054166-48-2	83
3		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	81
4		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	81
5		1-Ethyladamantane	164	C12H20	000770-69-4	53



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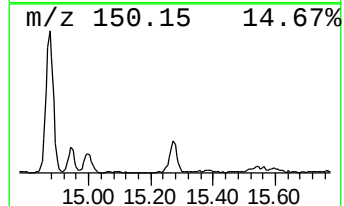
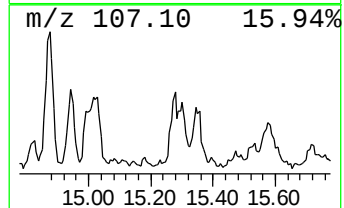
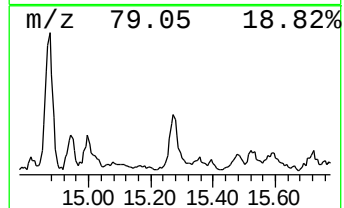
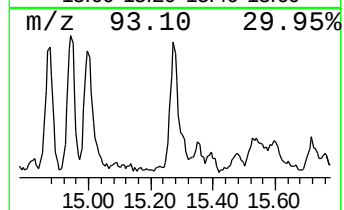
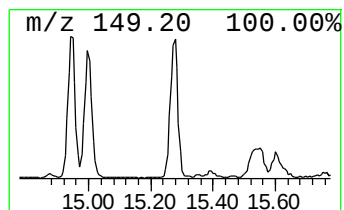
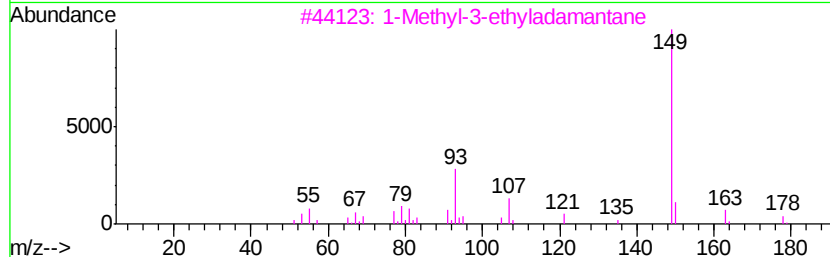
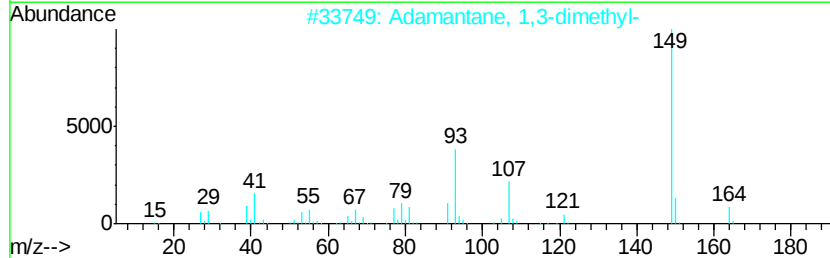
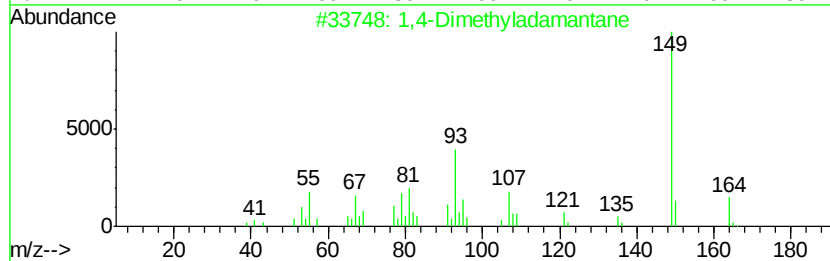
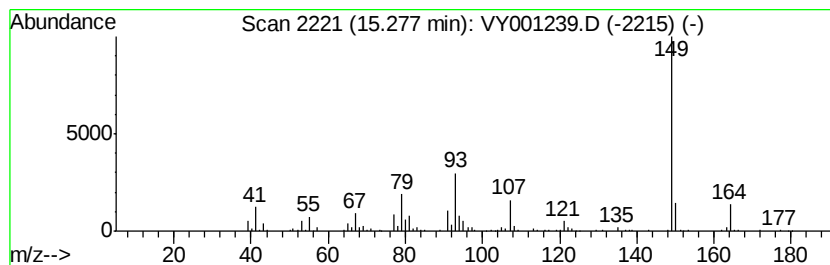
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Quant Title : SW846 8260

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

Peak Number 8 1,4-Dimethyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	8.50 ug/l	126484	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyladamantane	164	C12H20	024145-88-8	90
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	83
3		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	78
4		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	64
5		4-(2-Methyl-cyclohex-1-enyl)-but...	164	C11H16O	041437-92-7	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001239.D
Acq On : 16 Jan 2020 00:05
Operator : SY/MD
Sample : L1136-01
Misc : 8.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB456_200113_28-30

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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
Adamantane	14.13	14.1	ug/l	209180	4	13.42	743692	50.0
1-Bromoadamantane	14.28	43.4	ug/l	646143	4	13.42	743692	50.0
Adamantane, 1,3-d...	14.39	17.3	ug/l	256727	4	13.42	743692	50.0
2-Methyladamantane	14.87	12.0	ug/l	178162	4	13.42	743692	50.0
1,4-Dimethyladama...	15.28	8.5	ug/l	126484	4	13.42	743692	50.0