LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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_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	1.959	4	9	19	rVB4	11995	25805	1.17%	0.145%
2	4.123	356	364	374	rBV	18603	53049	2.41%	0.299%
3	4.915	480	494	507	rBV2	53591	204611	9.28%	1.151%
4	7.134	847	858	874	rBV3	15949	58100	2.64%	0.327%
5	7.884	969	981	985	rBV	301619	712288	32.32%	4.009%
6	7.945	985	991	1004	rVB	682746	1497140	67.94%	8.425%
7	8.305	1040	1050	1060	rBV	287333	641144	29.09%	3.608%
8	8.841	1127	1138	1152	rBV	965439	1944328	88.23%	10.942%
9	10.323	1373	1381	1389	rBV	1240072	2203707	100.00%	12.402%
10	10.701	1438	1443	1450	rBV3	13323	24207	1.10%	0.136%
11	11.329	1541	1546	1552	rVB4	21296	35435	1.61%	0.199%
12	11.628	1588	1595	1609	rBV	1098173	1882513	85.42%	10.594%
13	11.823	1622	1627	1639	rBV5	31036	86508	3.93%	0.487%
14	11.963	1646	1650	1656	rBV4	24619	41148	1.87%	0.232%
15	12.121	1672	1676	1683	rBV3	22883	48569	2.20%	0.273%
16	12.249	1694	1697	1704	rVB	32030	45839	2.08%	0.258%
17	12.341	1706	1712	1713	rBV4	23672	44027	2.00%	0.248%
18	12.438	1722	1728	1735	rBV6	40795	99685	4.52%	0.561%
19	12.615	1751	1757	1764	rBV	771415	1278402	58.01%	7.194%
20	12.707	1764	1772	1777	rBV8	26682	76604	3.48%	0.431%
21	12.877	1790	1800	1805	rBV3	64072	187540	8.51%	1.055%
22	12.951	1805	1812	1818	rVV6	70600	207145	9.40%	1.166%
23	13.011	1818	1822	1828	rVV3	102734	204662	9.29%	1.152%
24	13.072	1829	1832	1837	rVB7	27895	48925	2.22%	0.275%
25	13.194	1847	1852	1858	rVB4	92997	164203	7.45%	0.924%
26	13.255	1858	1862	1865	rBV2	71457	127688	5.79%	0.719%
27	13.328	1870	1874	1878	rVB4	85674	135082	6.13%	0.760%
28	13.377	1878	1882	1885	rBV2	33065	51998	2.36%	0.293%
29	13.444	1891	1893	1898	rVB2	40700	51205	2.32%	0.288%
30	13.554	1902	1911	1921	rVB	794393	1490468	67.63%	8.388%
31	13.664	1923	1929	1938	rVB7	51716	153800	6.98%	0.866%
32	13.737	1938	1941	1947	rBV4	39150	62504	2.84%	0.352%
33	13.871	1959	1963	1967	rBV5	52796	100148	4.54%	0.564%
34	14.255	2021	2026	2034	rBV	403104	714458	32.42%	4.021%

LSC Area Percent Report

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Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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_W\METHOD\82W010320S.M
Title : SW846 8260

35	14.414	2042	2052	2059	rBV	645332	1196424	54.29%	6.733%
36	14.523	2064	2070	2077	rBV	247714	474319	21.52%	2.669%
37	15.005	2143	2149	2155	rVB	292249	493891	22.41%	2.779%
38	15.072	2155	2160	2164	rBV	87390	152169	6.91%	0.856%
39	15.127	2165	2169	2180	rVB3	85952	203086	9.22%	1.143%
40	15.407	2210	2215	2224	rBV3	126877	296950	13.48%	1.671%
41	15.493	2225	2229	2238	rVB4	63728	163902	7.44%	0.922%
42	15.865	2286	2290	2294	rBV5	40867	85622	3.89%	0.482%

Sum of corrected areas: 17769298

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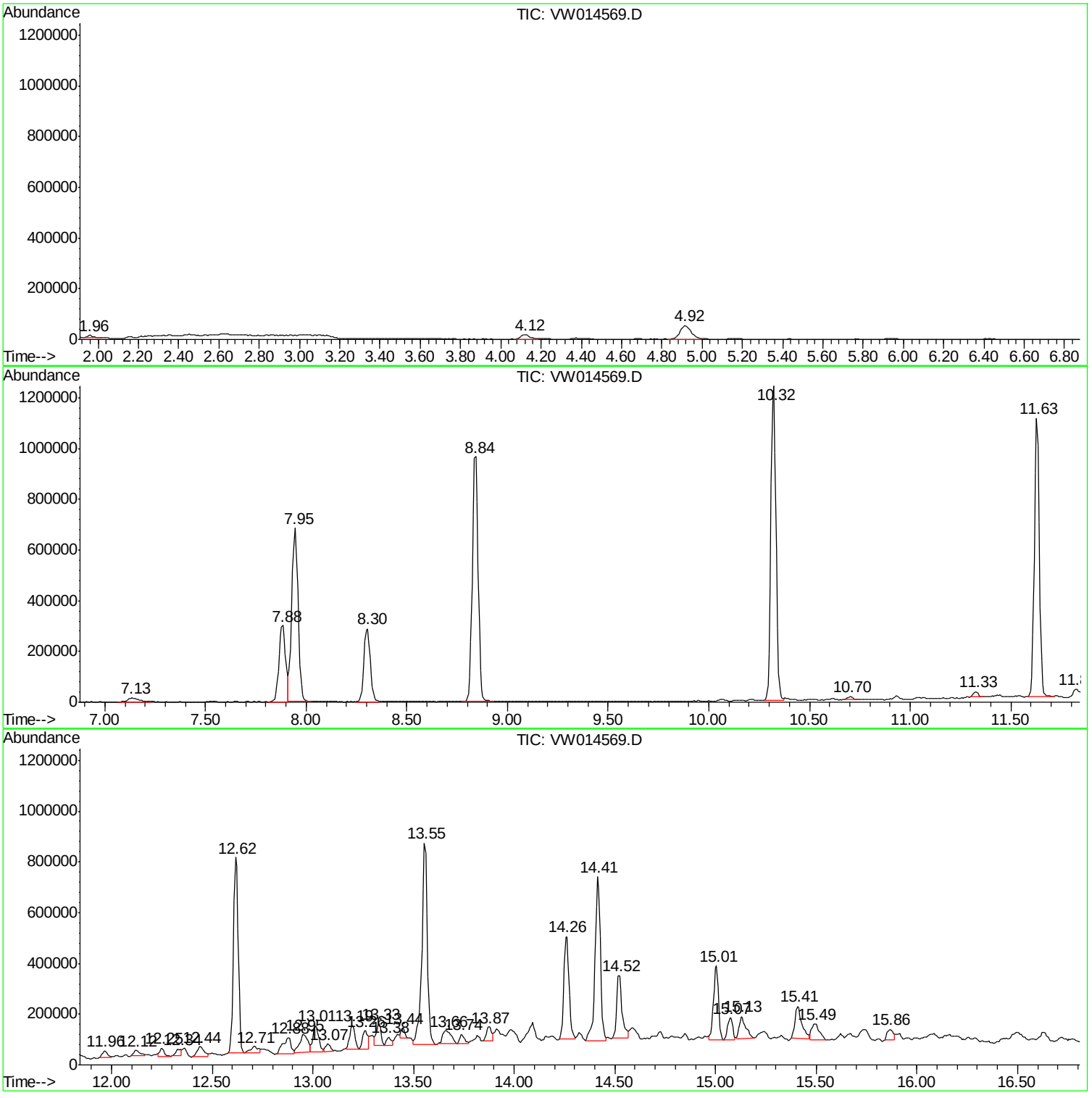
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB450_200107_35-36

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



Library Search Compound Report

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Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

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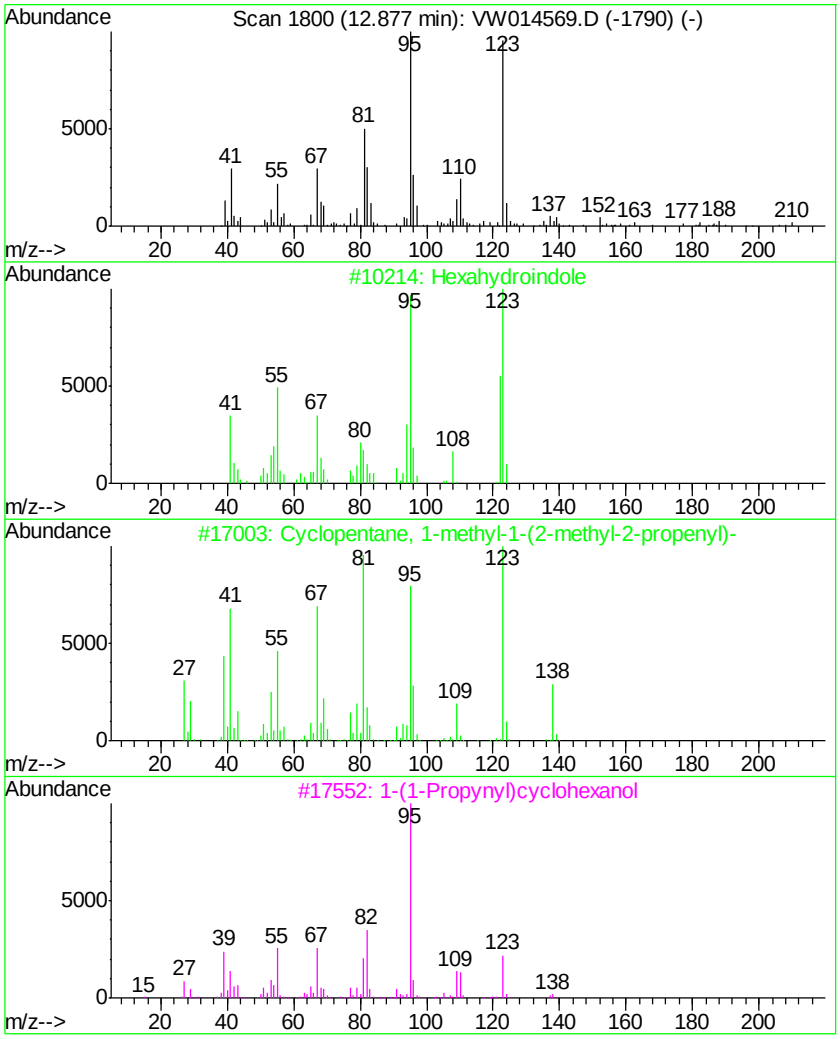
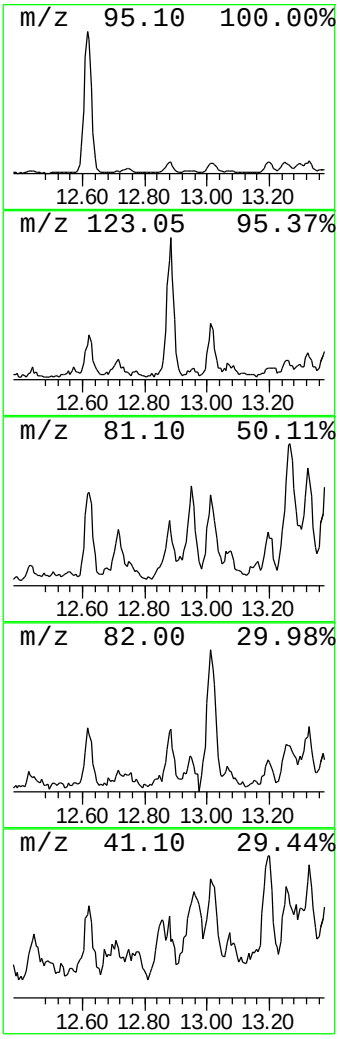
Peak Number 1 Hexahydroindole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	6.29 ug/l	187540	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydroindole	123	C8H13N	018159-32-5	59
2	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	50
3	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	46
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

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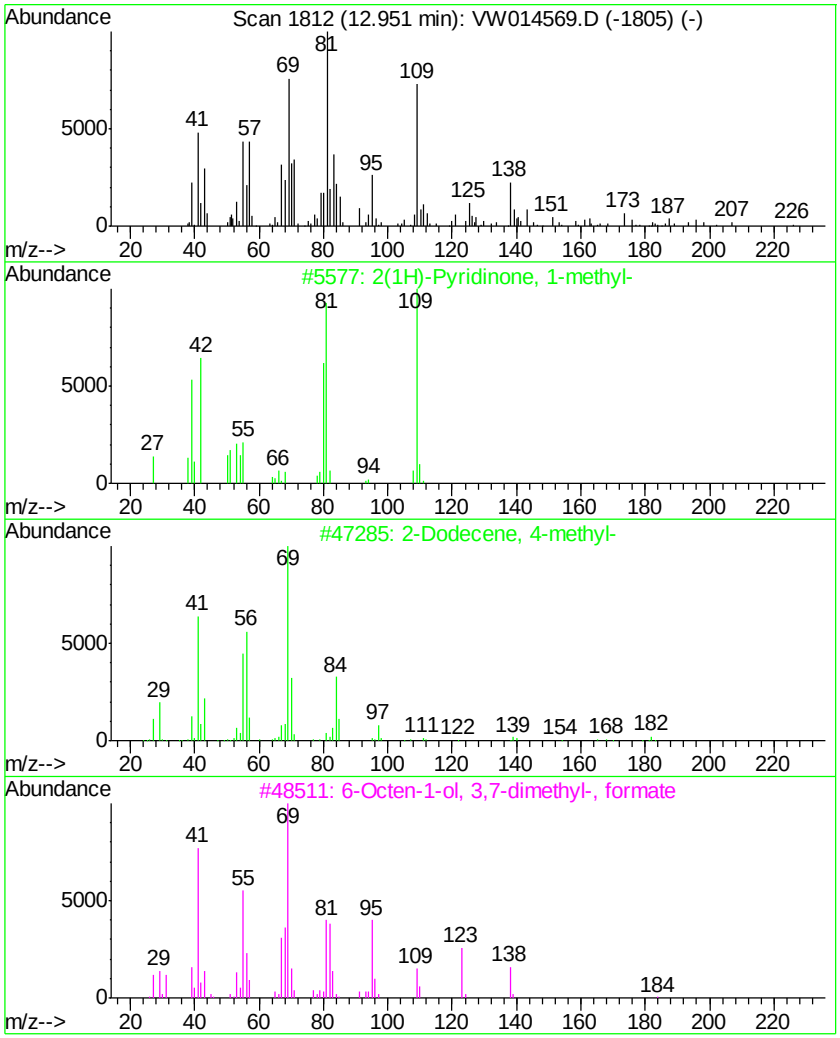
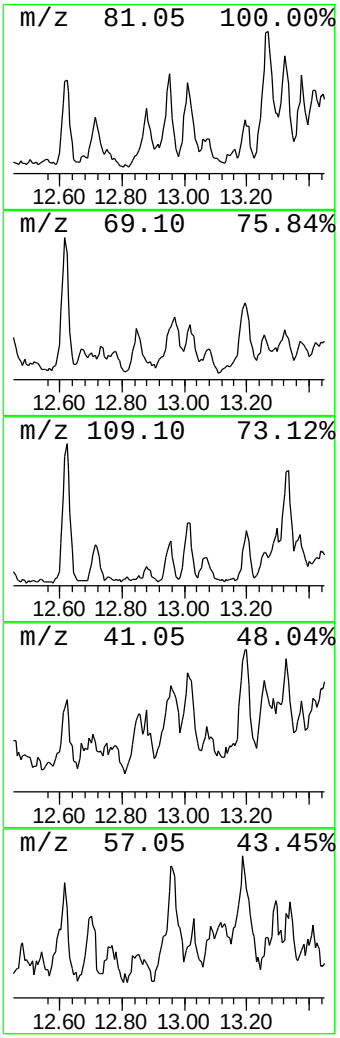
Peak Number 2 unknown12.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	6.95 ug/l	207145	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	35
2	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	25
3	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	25
4	2-(5-Methyl-furan-2-yl)-propiona...	138	C8H10O2	1000193-72-3	25
5	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	18





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

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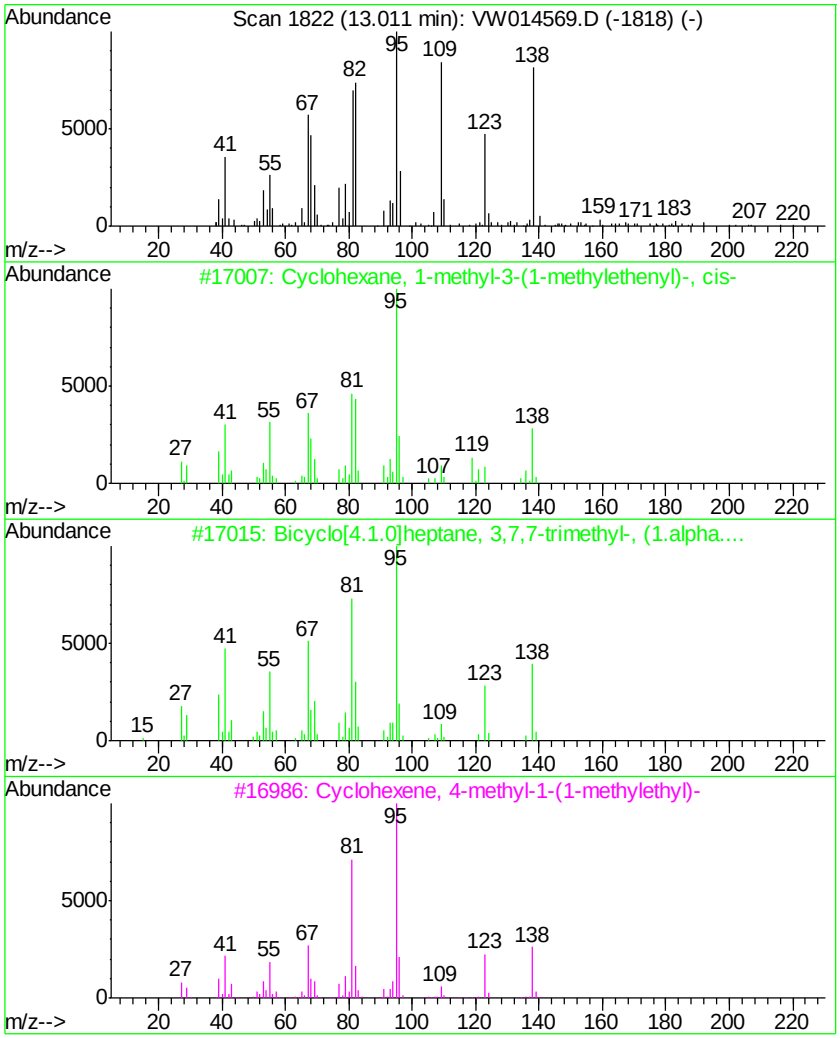
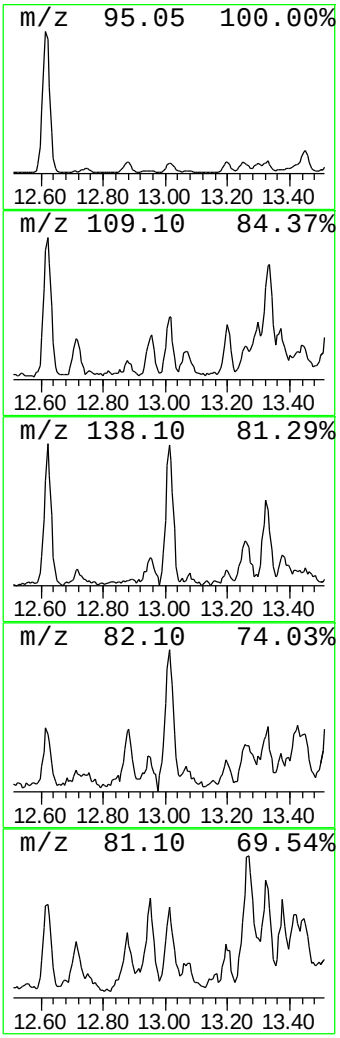
Peak Number 3 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	6.87 ug/l	204662	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	64
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	60
3	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	58
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	53
5	Cyclohexanone, 3-vinyl-3-methyl-	138	C9H14O	068269-56-7	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

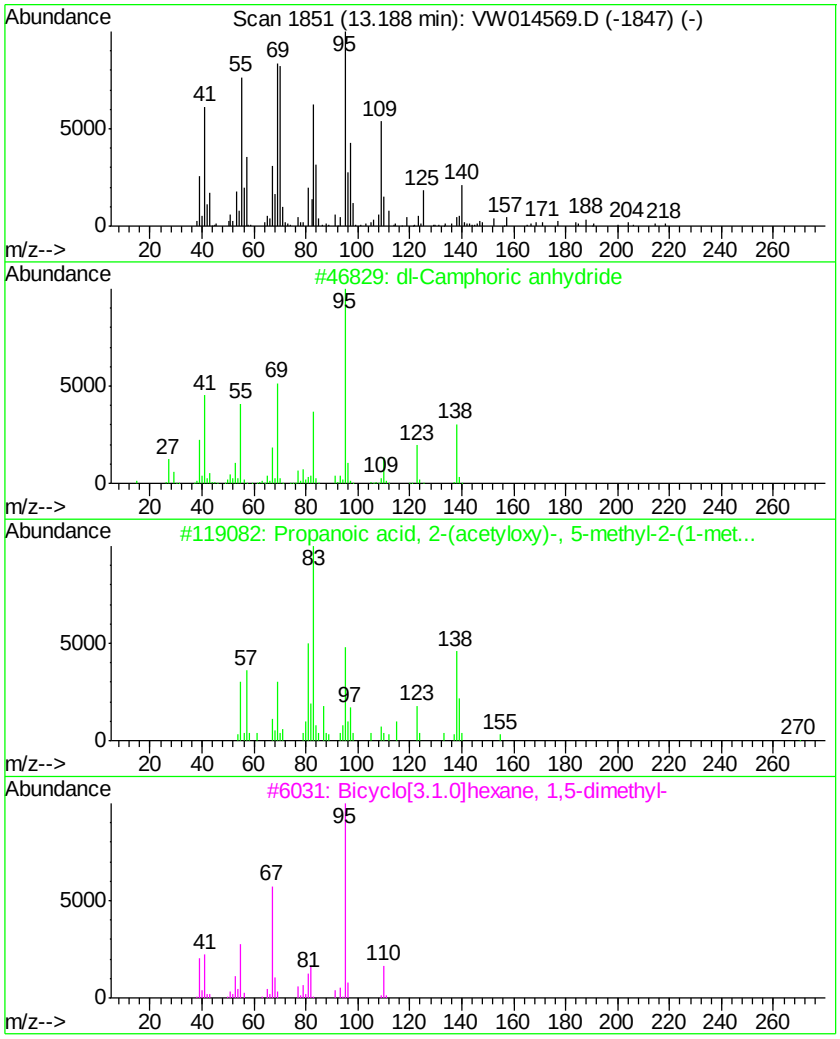
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

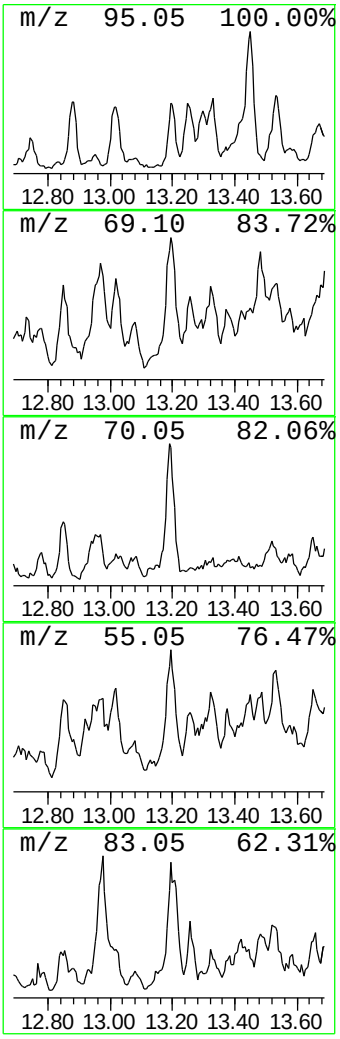
****

Peak Number 4 unknown13.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.51 ug/l	164203	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Camphoric anhydride	182	C10H14O3	000595-30-2	35
2	Propanoic acid, 2-(acetyloxy)-, ...	270	C15H26O4	064870-66-2	35
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	18
4	1H-Pyrazole-1-ethanol, 3,5-dimet...	140	C7H12N2O	020000-80-0	18
5	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

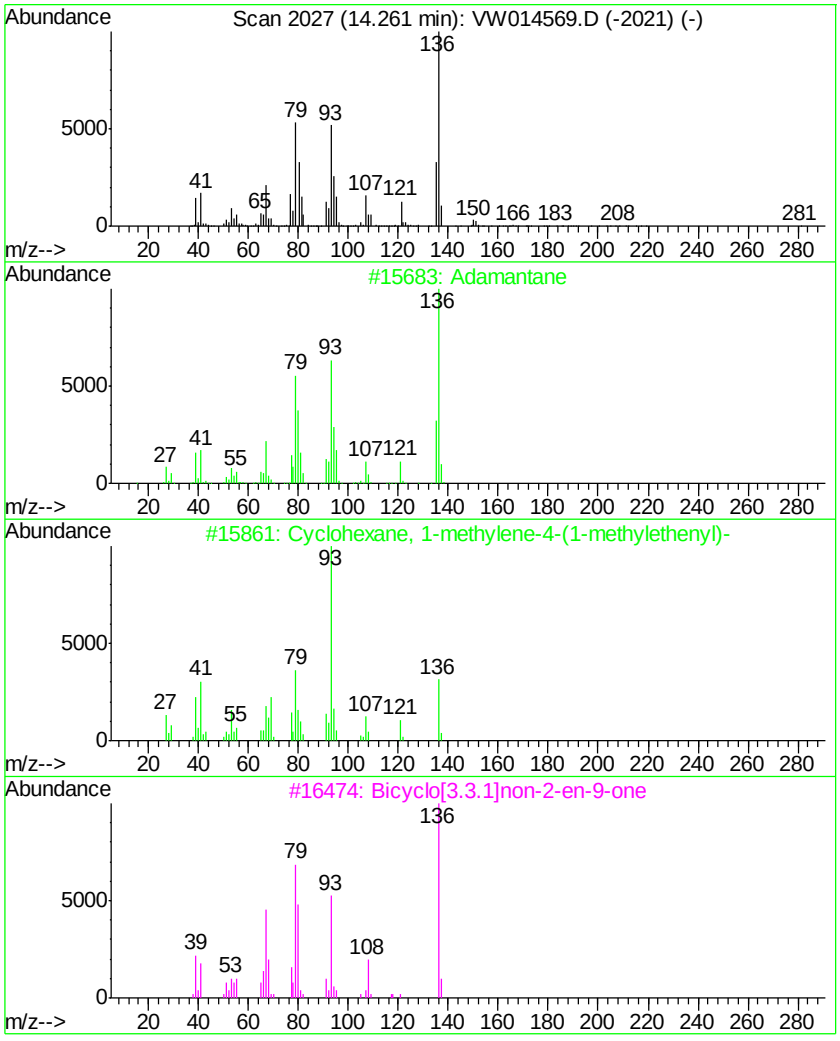
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

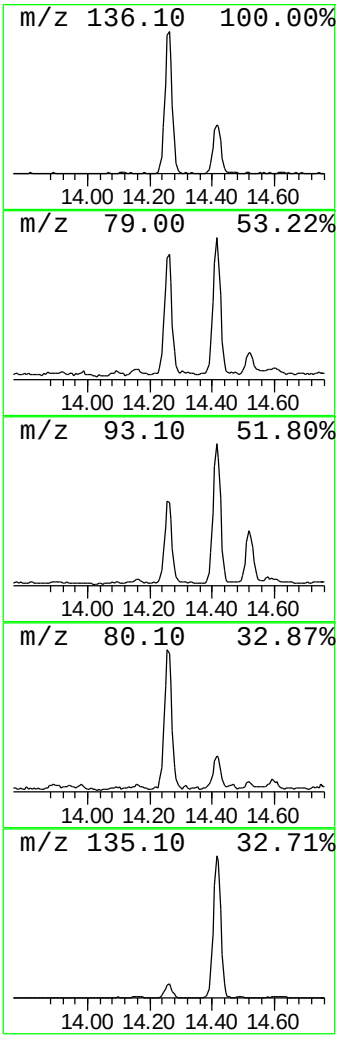
****

Peak Number 5 Adamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	23.97 ug/l	714458	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	98
2	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	68
3	Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	68
4	1,4-Benzenediamine, N,N-dimethyl-	136	C8H12N2	000099-98-9	49
5	1,3-Cyclohexadiene, 5-butyl-	136	C10H16	030168-57-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260

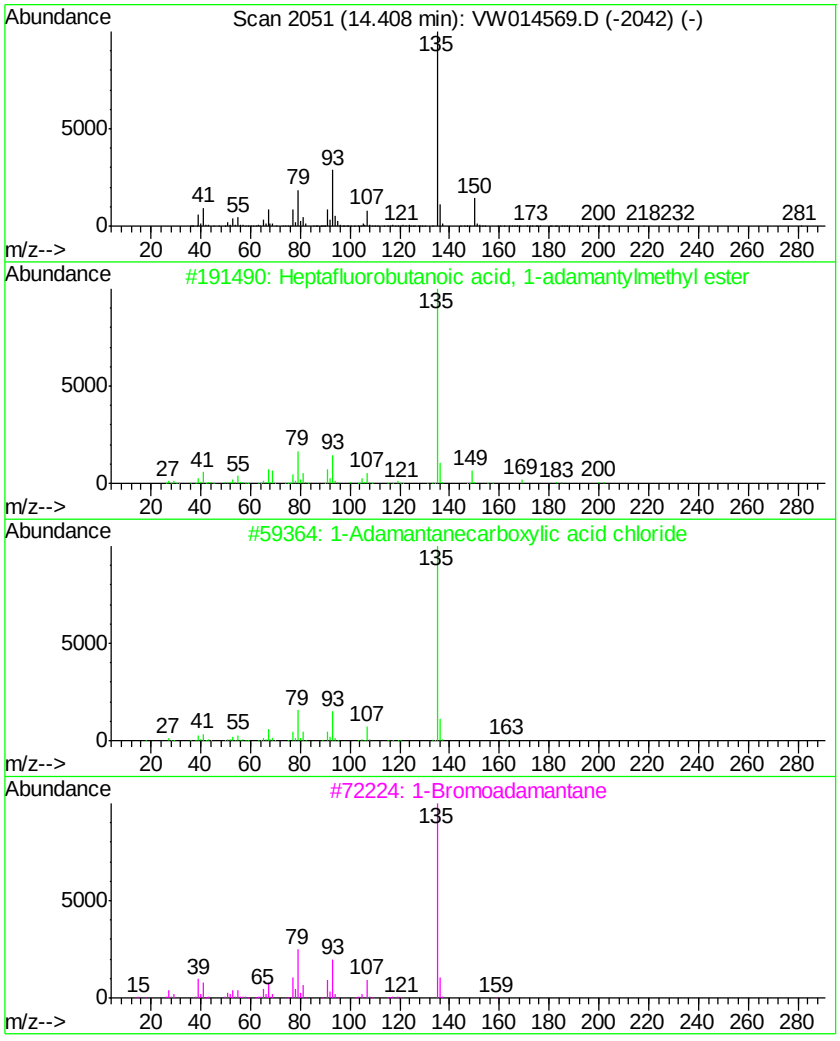
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

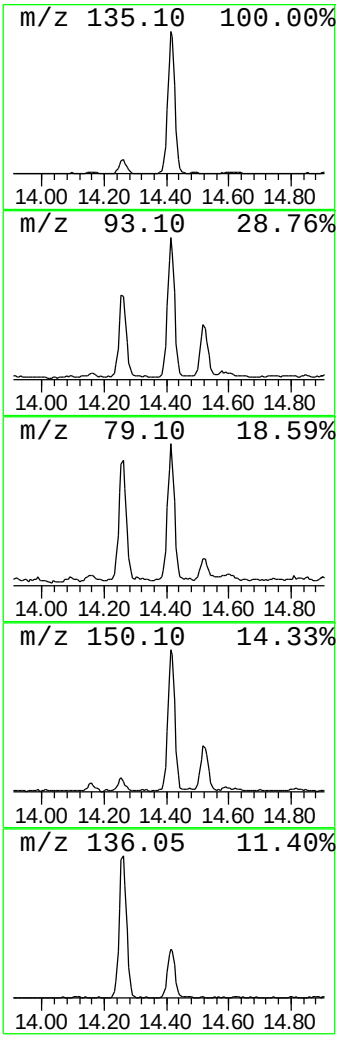
****

Peak Number 6 Heptafluorobutanoic acid, 1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	40.14 ug/l	1196420	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	72
2	1-Adamantanecarboxylic acid chlo...	198	C11H15ClO	002094-72-6	72
3	1-Bromoadamantane	214	C10H15Br	000768-90-1	64
4	Adamantane, 1-(2,4-dichlorobenzy...	307	C17H19Cl2N	160013-80-9	64
5	Tricyclo[3.3.1.1(3,7)]decane-1-c...	284	C18H24N2O	1000319-87-4	64





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

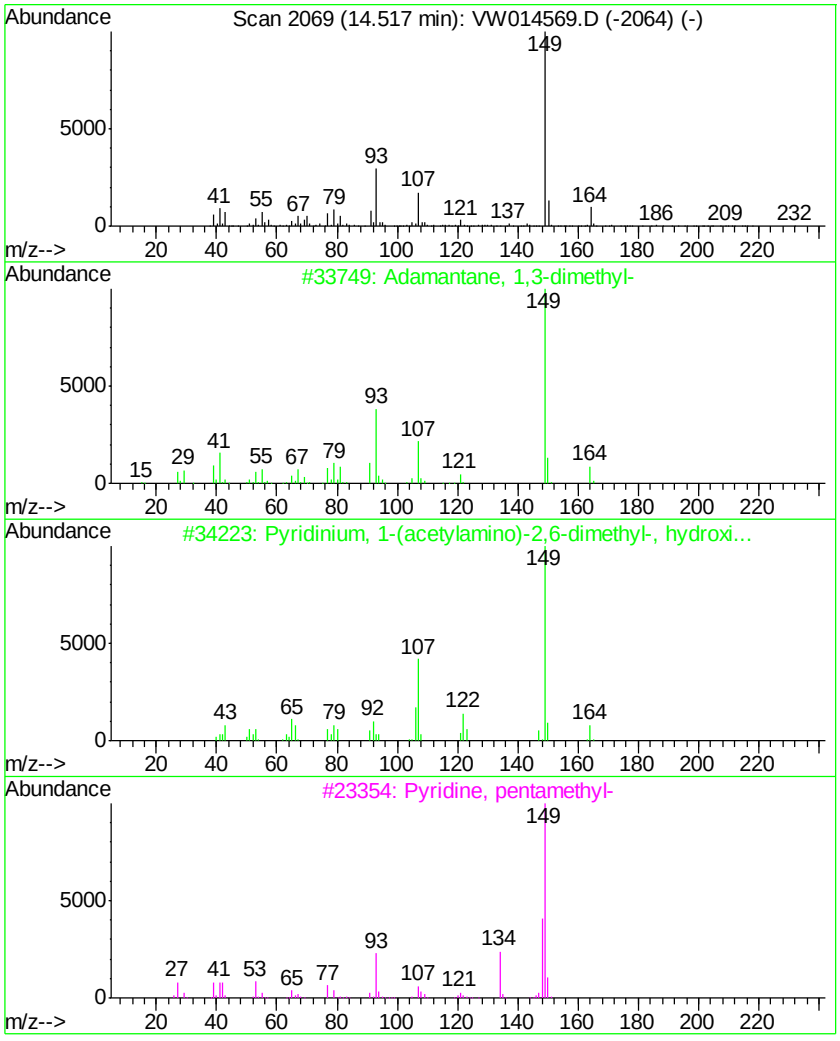
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

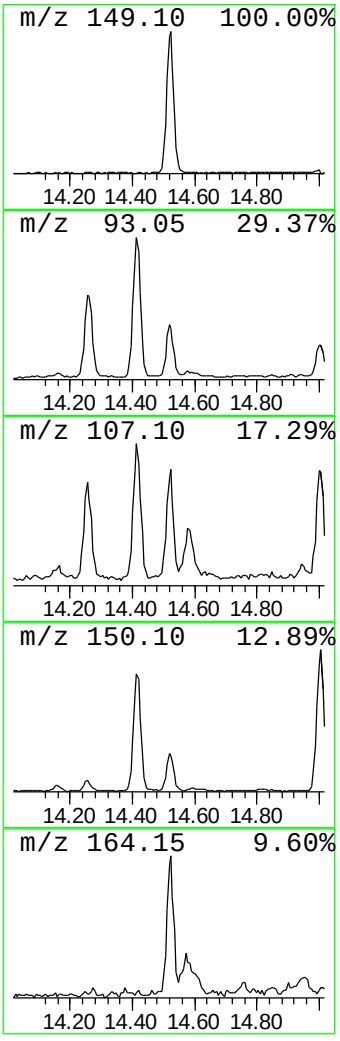
****

Peak Number 7 Adamantane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	15.91 ug/l	474319	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	91
2	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	59
3	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	56
4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	50
5	Phthalic acid, butyl pent-4-enyl...	290	C17H22O4	1000360-46-3	50





Library Search Compound Report

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Data File : VW014569.D
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Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

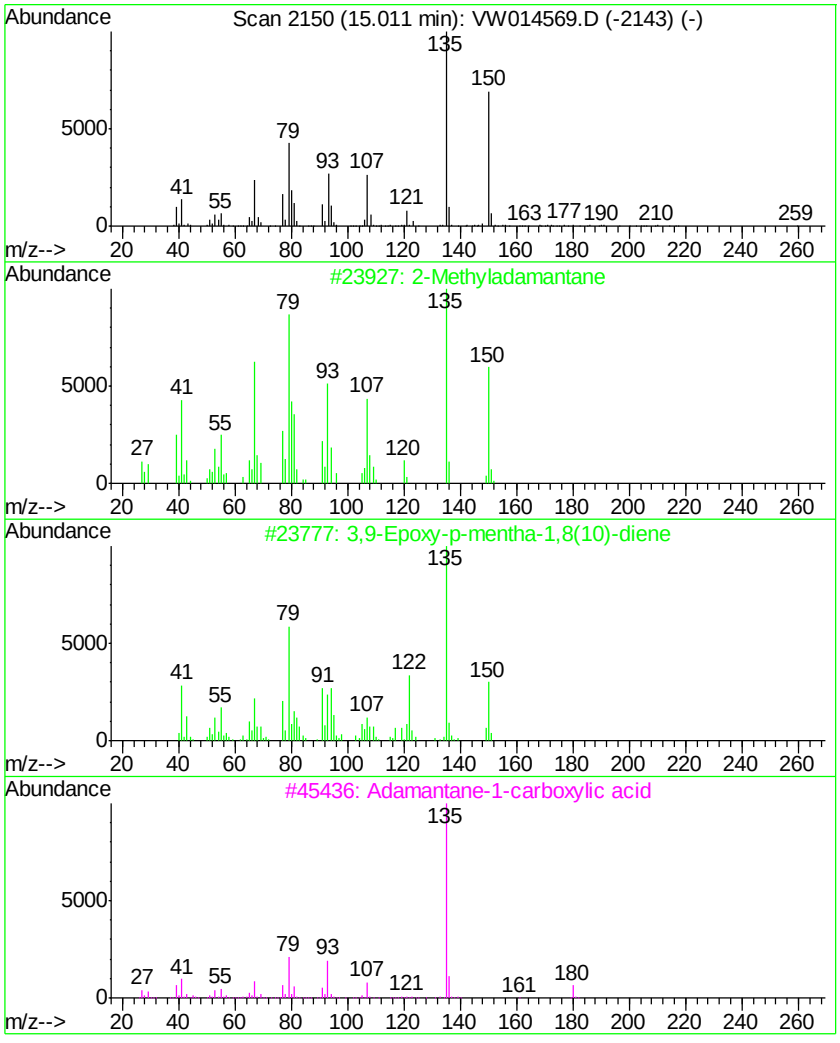
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

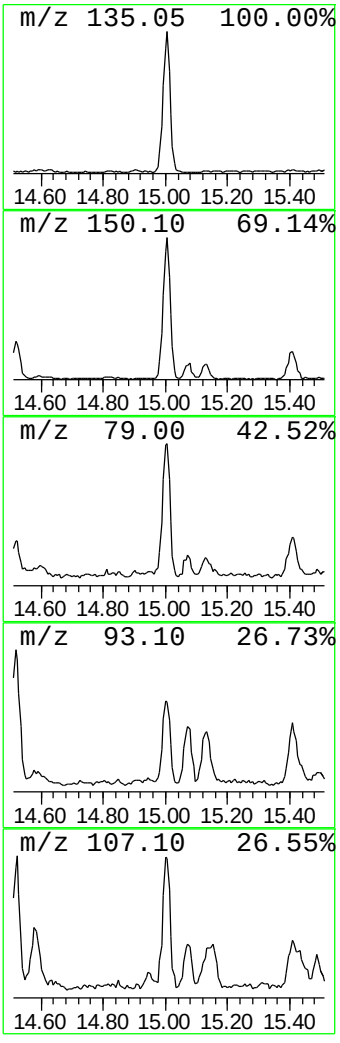
****

Peak Number 8 2-Methyladamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	16.57 ug/l	493891	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	87
2	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	72
3	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	50
4	1-Adamantanethiol	168	C10H16S	034301-54-7	50
5	1-Bromoadamantane	214	C10H15Br	000768-90-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

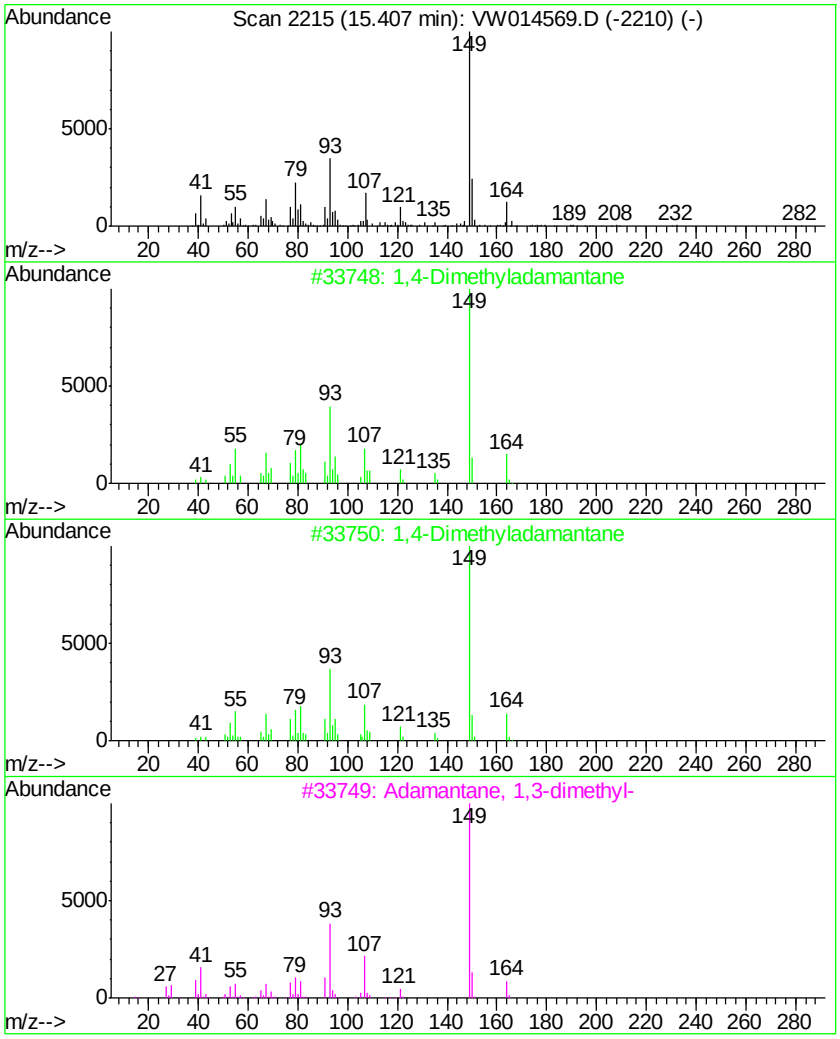
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

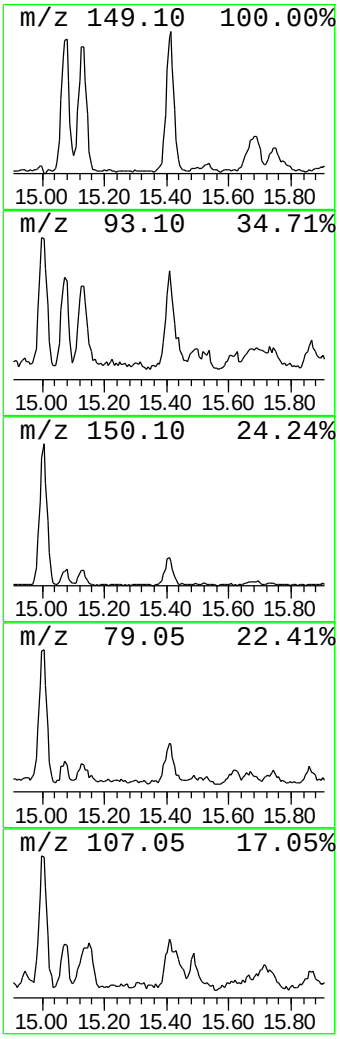
****

Peak Number 10 1,4-Dimethyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	9.96 ug/l	296950	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyladamantane	164	C12H20	024145-88-8	81
2	1,4-Dimethyladamantane	164	C12H20	024145-89-9	74
3	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	64
4	5-Bromoadamantan-2-one	228	C10H13BrO	020098-20-8	59
5	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014569.D
Acq On : 08 Jan 2020 19:26
Operator : SY/VA
Sample : L1056-10
Misc : 7.18G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB450_200107_35-36

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexahydroindole	12.88	6.3	ug/l	187540	4	13.55	1490470	50.0
unknown12.95	12.95	7.0	ug/l	207145	4	13.55	1490470	50.0
Cyclohexane, 1-me...	13.01	6.9	ug/l	204662	4	13.55	1490470	50.0
unknown13.19	13.19	5.5	ug/l	164203	4	13.55	1490470	50.0
Adamantane	14.26	24.0	ug/l	714458	4	13.55	1490470	50.0
Heptafluorobutano...	14.41	40.1	ug/l	1196420	4	13.55	1490470	50.0
Adamantane, 1,3-d...	14.52	15.9	ug/l	474319	4	13.55	1490470	50.0
2-Methyladamantane	15.01	16.6	ug/l	493891	4	13.55	1490470	50.0
1,4-Dimethyladama...	15.41	10.0	ug/l	296950	4	13.55	1490470	50.0