LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007372.D
Acq On : 03 Feb 2022 12:35
Operator : SY/MD
Sample : N1381-06
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

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_Y\methods\82Y020222S.M
Title : SW846 8260

Signal : TIC: VY007372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	958	967	973	rBV2	38291	89039	17.18%	3.784%
2	7.789	973	979	990	rVB	65283	145124	28.00%	6.167%
3	8.143	1026	1037	1047	rBV2	33587	73582	14.20%	3.127%
4	8.691	1118	1127	1136	rBV	101909	197672	38.13%	8.400%
5	10.179	1364	1371	1379	rBV	163448	273682	52.80%	11.630%
6	11.093	1515	1521	1527	rBV5	3960	7627	1.47%	0.324%
7	11.490	1579	1586	1595	rBV	144510	233801	45.10%	9.936%
8	11.672	1612	1616	1622	rBV6	2767	7088	1.37%	0.301%
9	11.733	1622	1626	1631	rVV5	4419	9082	1.75%	0.386%
10	12.008	1662	1671	1673	rBV4	5096	11012	2.12%	0.468%
11	12.117	1685	1689	1694	rVB2	7123	9878	1.91%	0.420%
12	12.203	1699	1703	1705	rVV4	5441	8334	1.61%	0.354%
13	12.233	1705	1708	1715	rVB6	6990	14457	2.79%	0.614%
14	12.367	1727	1730	1736	rVB6	4478	7966	1.54%	0.339%
15	12.489	1741	1750	1757	rBV2	287953	518355	100.00%	22.028%
16	12.642	1771	1775	1783	rVB6	9667	18619	3.59%	0.791%
17	12.721	1783	1788	1793	rBV7	4448	9964	1.92%	0.423%
18	12.812	1795	1803	1807	rVV6	12446	34246	6.61%	1.455%
19	12.855	1808	1810	1816	rVB5	6914	10868	2.10%	0.462%
20	12.947	1822	1825	1829	rVB5	4288	5580	1.08%	0.237%
21	13.166	1858	1861	1864	rBV4	3335	5884	1.14%	0.250%
22	13.318	1878	1886	1894	rVV5	11390	29687	5.73%	1.262%
23	13.422	1897	1903	1913	rVB	128242	205629	39.67%	8.738%
24	13.568	1923	1927	1930	rBV5	3554	5311	1.02%	0.226%
25	13.745	1950	1956	1961	rVV4	17535	35904	6.93%	1.526%
26	13.788	1961	1963	1967	rVV4	8015	12404	2.39%	0.527%
27	13.855	1971	1974	1978	rVV6	6519	12910	2.49%	0.549%
28	13.965	1982	1992	2001	rVB6	17438	45520	8.78%	1.934%
29	14.074	2006	2010	2013	rBV5	5613	8064	1.56%	0.343%
30	14.141	2017	2021	2027	rBV9	3717	6583	1.27%	0.280%
31	14.196	2027	2030	2034	rVB5	4111	6318	1.22%	0.268%
32	14.257	2034	2040	2045	rBV6	19760	44080	8.50%	1.873%
33	14.416	2062	2066	2072	rVV7	13055	20256	3.91%	0.861%
34	14.678	2103	2109	2115	rVV4	15019	34928	6.74%	1.484%
35	14.733	2115	2118	2125	rVB7	10453	18047	3.48%	0.767%
36	14.849	2133	2137	2139	rBV5	4134	6175	1.19%	0.262%

LSC Area Percent Report

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Operator : SY/MD
Sample : N1381-06
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

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

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Peak separation: 5

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Title : SW846 8260

37	14.940	2149	2152	2156	rVB5	8346	12346	2.38%	0.525%
38	15.007	2158	2163	2166	rVV7	3670	6367	1.23%	0.271%
39	15.056	2166	2171	2173	rBV6	5313	9066	1.75%	0.385%
40	15.214	2191	2197	2203	rVB4	18554	31637	6.10%	1.344%
41	15.288	2203	2209	2211	rBV7	5754	11227	2.17%	0.477%
42	15.513	2241	2246	2249	rBV6	4336	8984	1.73%	0.382%
43	15.599	2257	2260	2265	rVB6	7021	11271	2.17%	0.479%
44	15.678	2267	2273	2274	rBV6	5748	10227	1.97%	0.435%
45	16.025	2323	2330	2336	rBV9	8394	21143	4.08%	0.898%
46	16.147	2347	2350	2358	rVB6	9583	16309	3.15%	0.693%
47	16.226	2358	2363	2367	rBV6	5697	10718	2.07%	0.455%
48	16.483	2397	2405	2410	rBV9	8342	20175	3.89%	0.857%

Sum of corrected areas: 2353146

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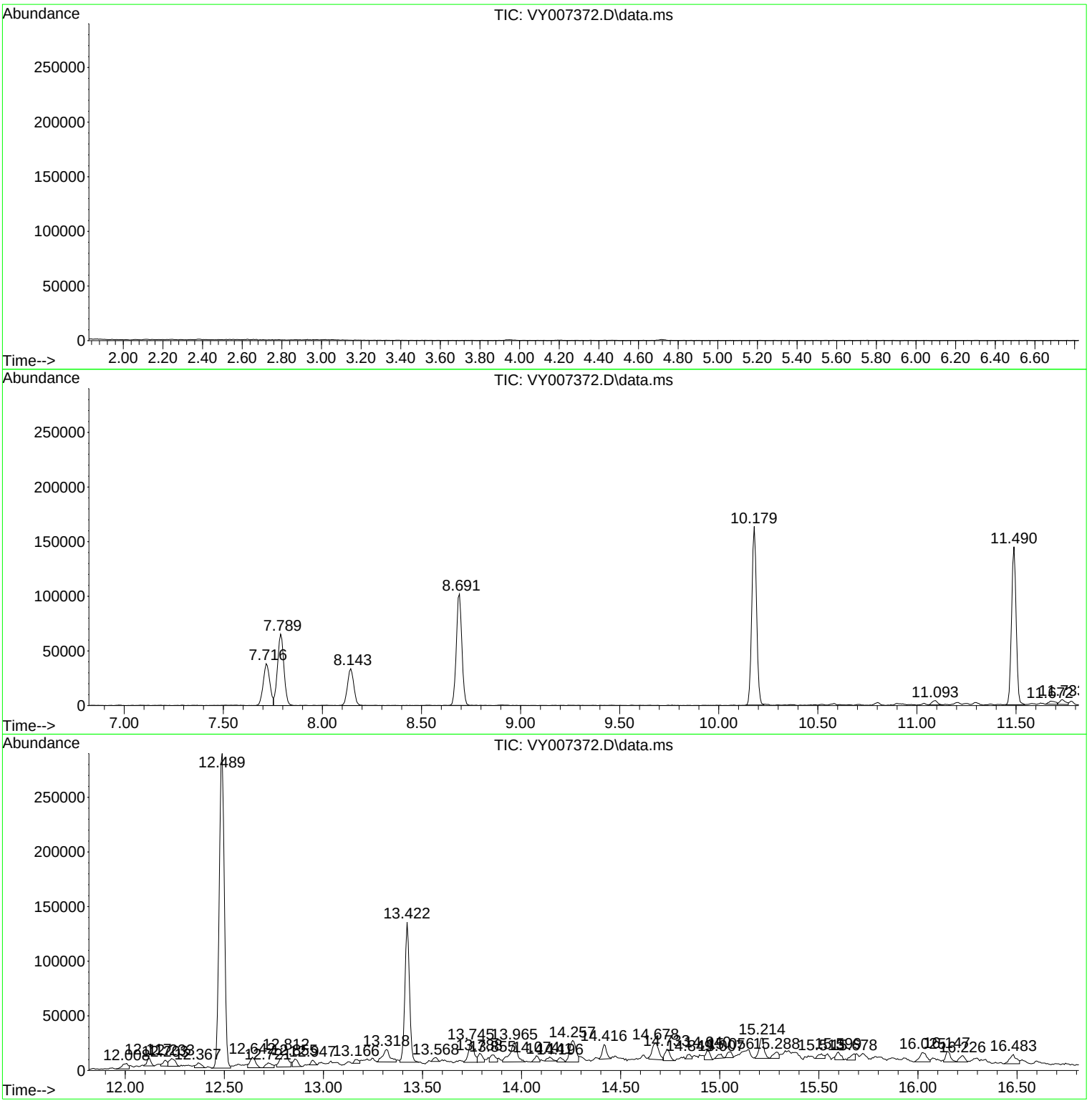
Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : VY007372.D
Acq On : 03 Feb 2022 12:35
Operator : SY/MD
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ClientSampleId :
DB-11(32-34)-02-02-22

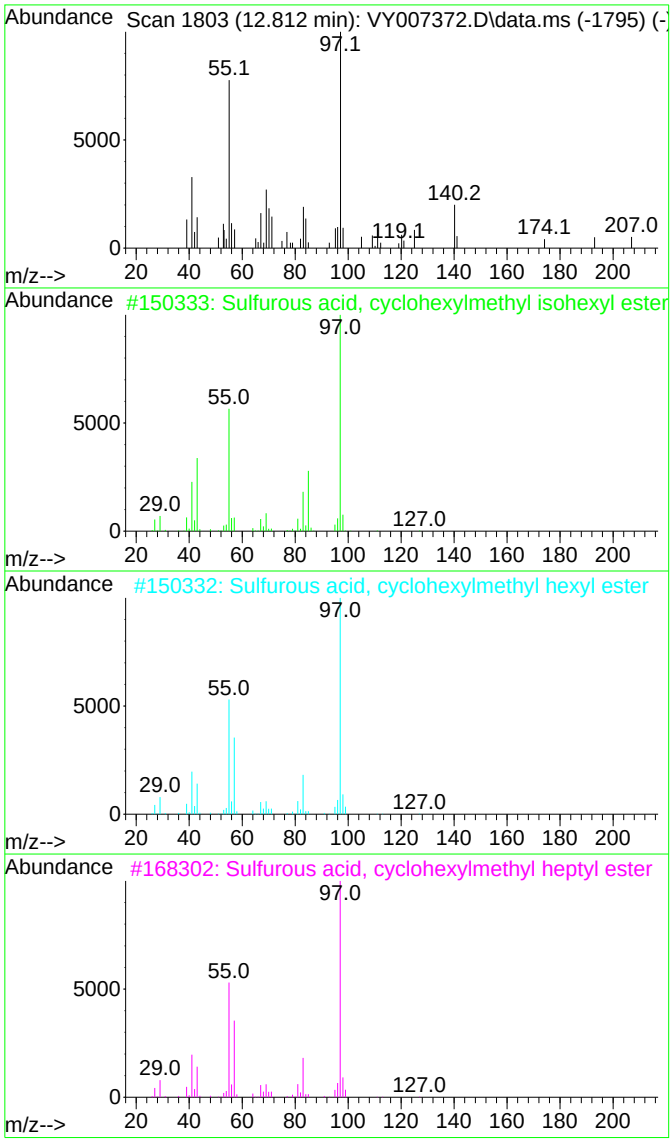
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

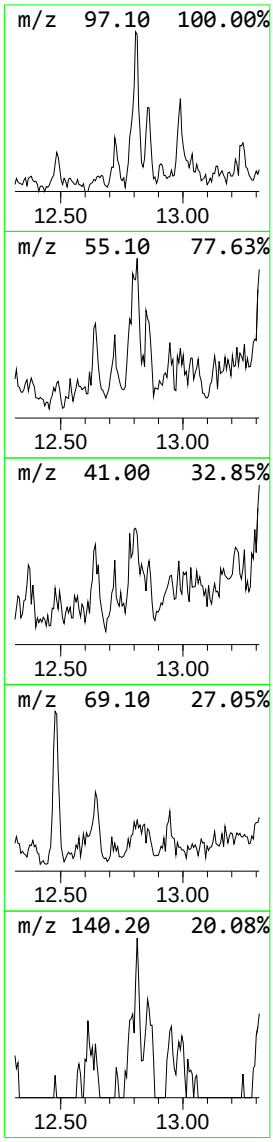
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfurous acid, cyclohexylm... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.813	8.33 ug/l	34246	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	53
3	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	53
4	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1010221-97-5	53
5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	53





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Operator : SY/MD
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

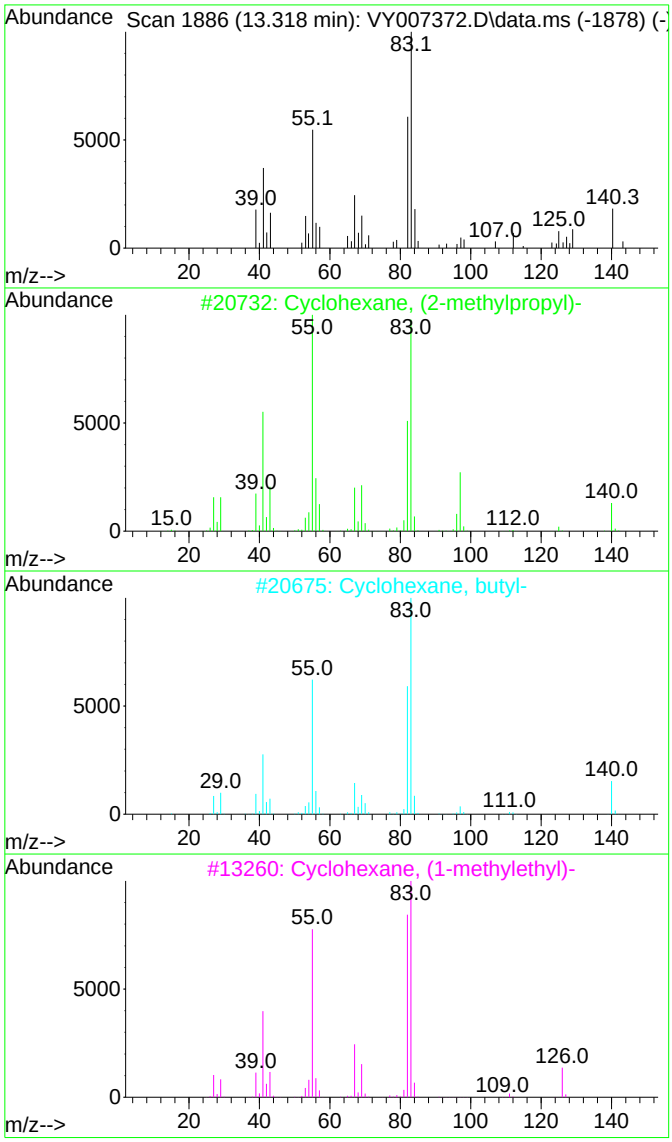
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

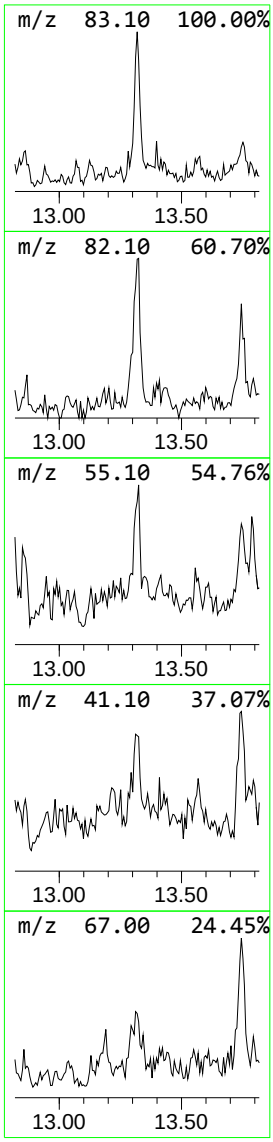
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.319	7.22 ug/l	29687	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	68
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	59





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Operator : SY/MD
Sample : N1381-06
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

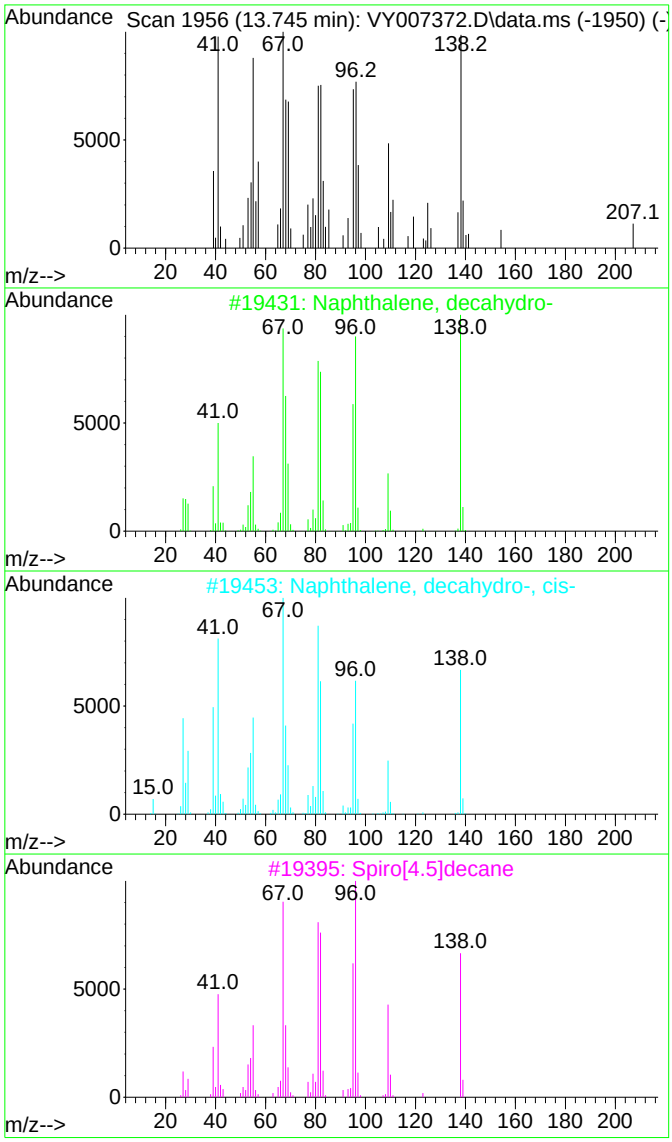
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

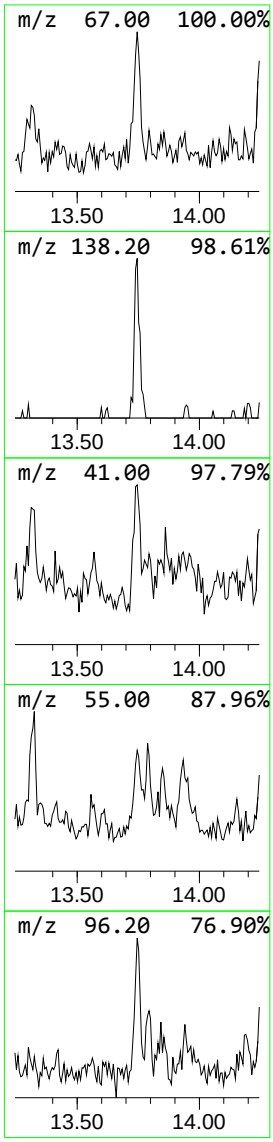
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, decahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	8.73 ug/l	35904	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
3	Spiro[4.5]decane	138	C10H18	000176-63-6	74
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	72
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	62





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Data File : VY007372.D
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Sample : N1381-06
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

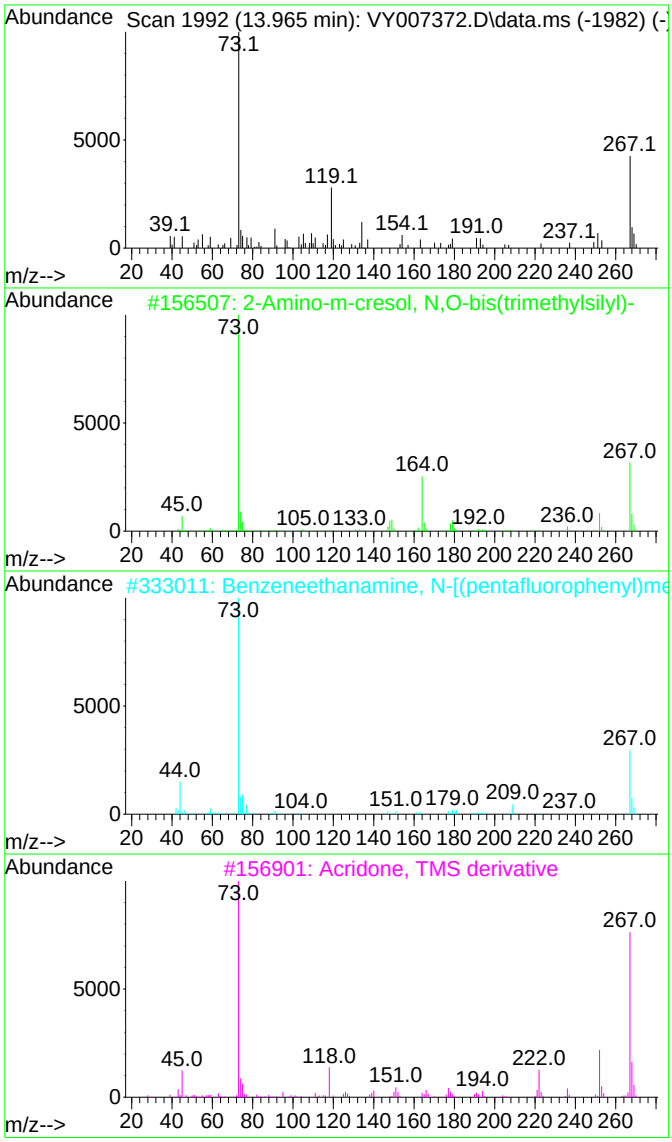
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

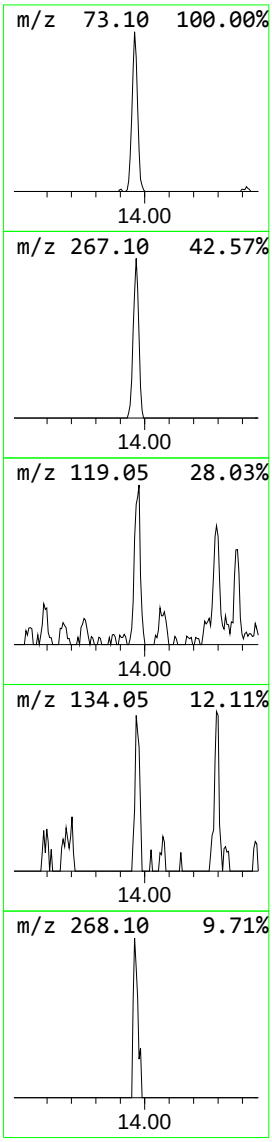
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Amino-m-cresol, N,O-bis(t... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	11.07 ug/l	45520	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	50
2	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	47
3	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	40
4	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	38
5	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	38





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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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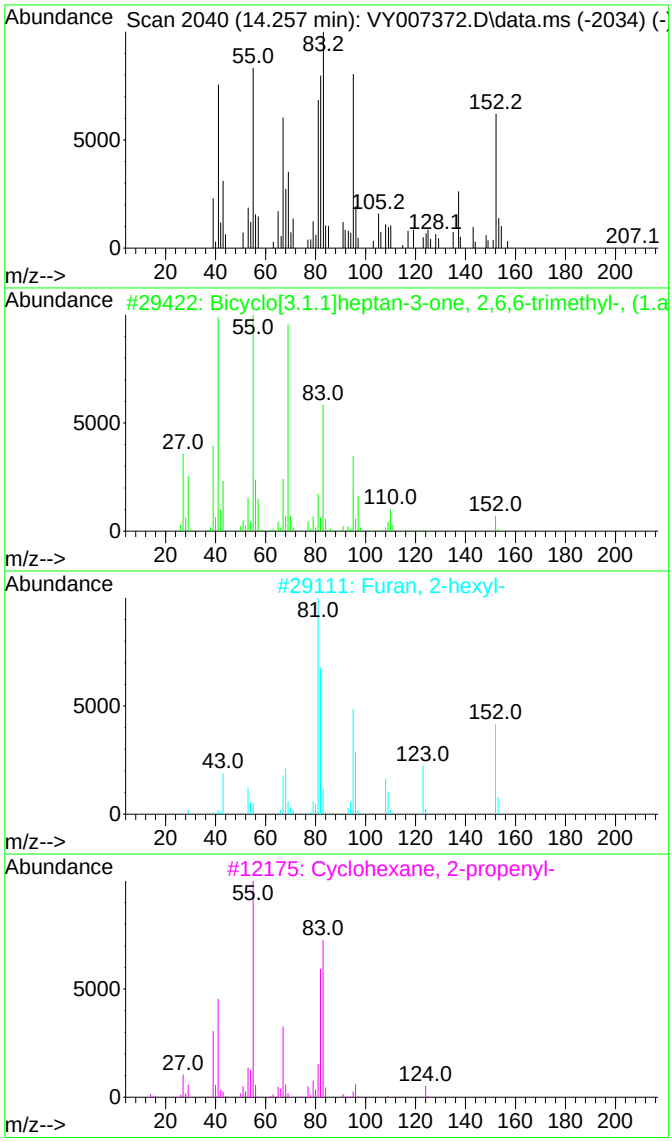
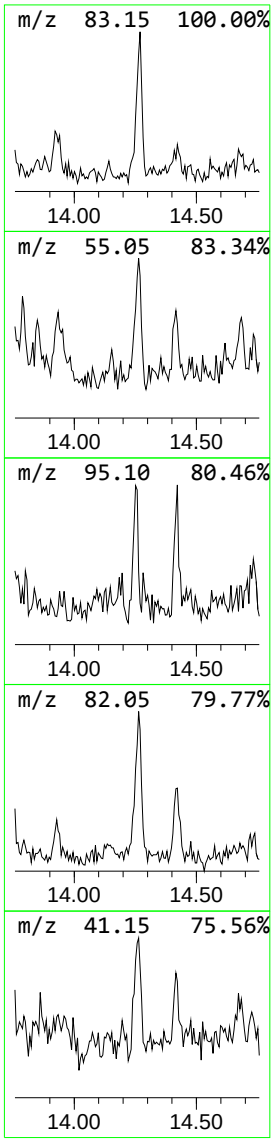
****

Peak Number 5 unknown14.257 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	10.72 ug/l	44080	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	49
2	Furan, 2-hexyl-	152	C10H16O	003777-70-6	49
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
5	(-)-trans-Pinane	138	C10H18	033626-25-4	43





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Instrument :
MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

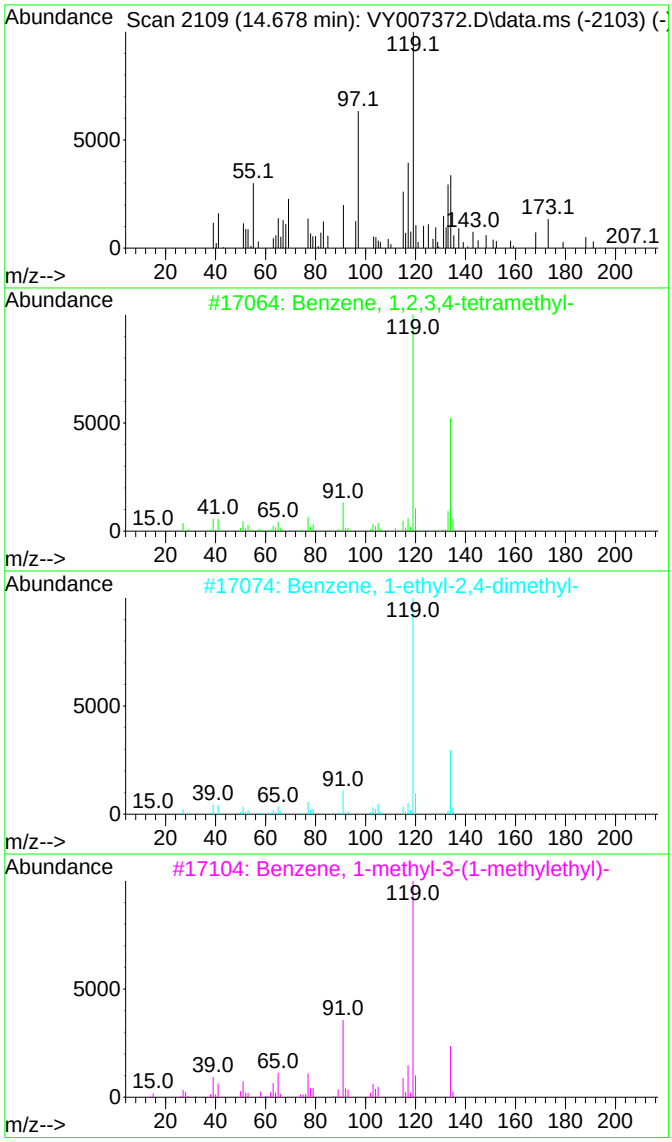
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

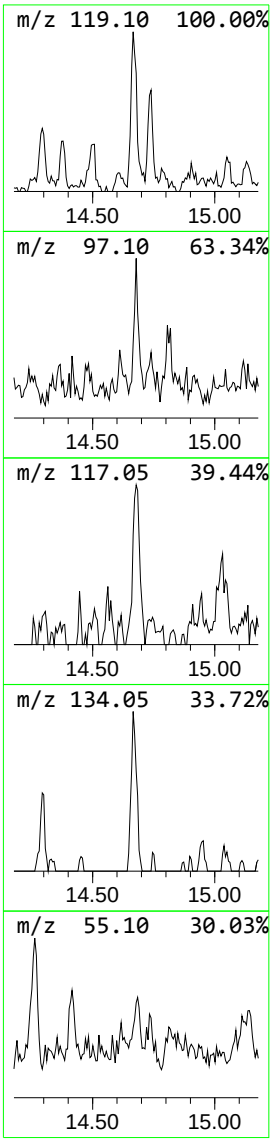
****

Peak Number 6 unknown14.678 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	8.49 ug/l	34928	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38





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MSVOA_Y
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DB-11(32-34)-02-02-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

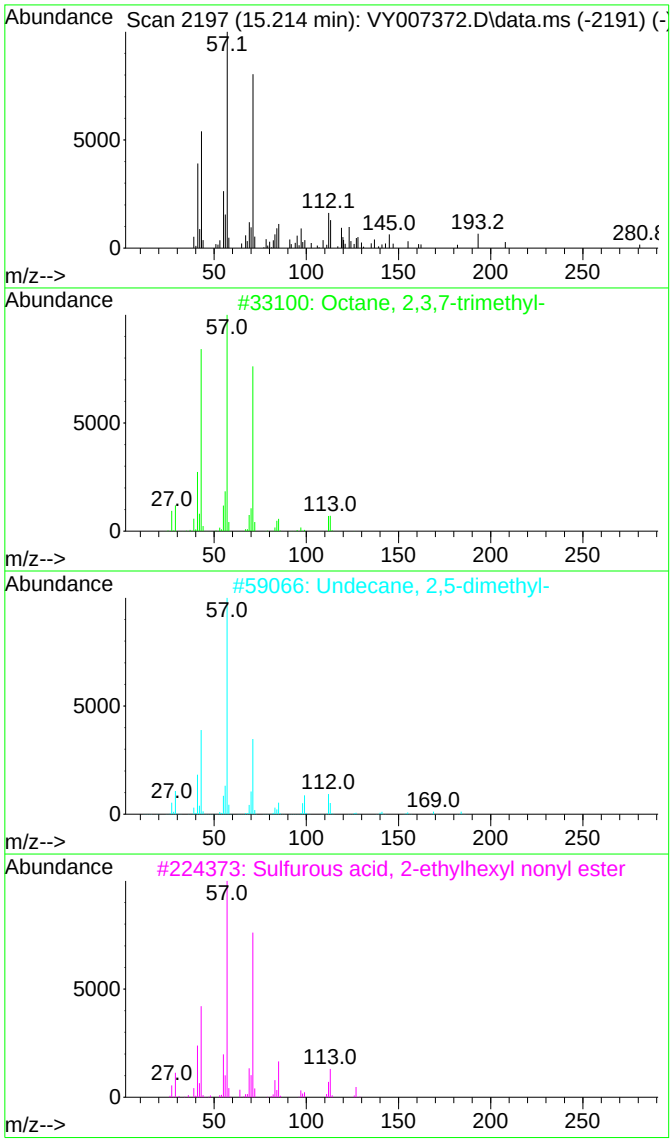
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

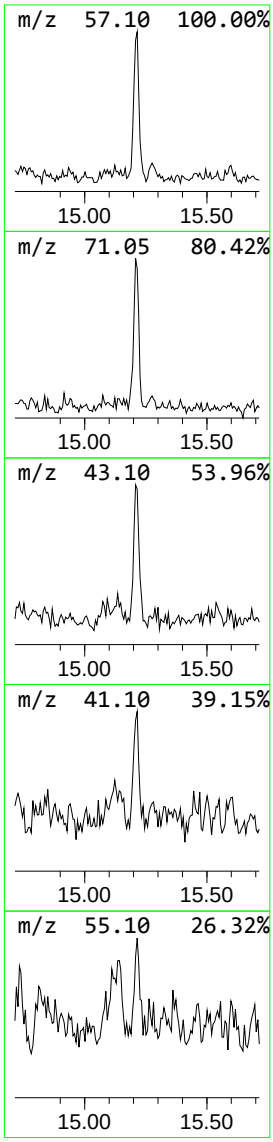
****

Peak Number 7 Octane, 2,3,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	7.69 ug/l	31637	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	58
4	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	53
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53





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Instrument :
MSVOA_Y
ClientSampleId :
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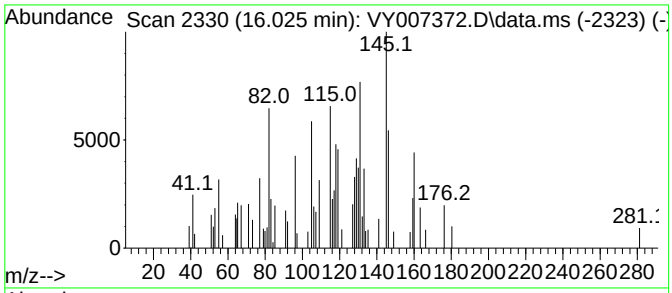
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

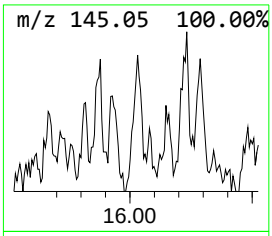
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

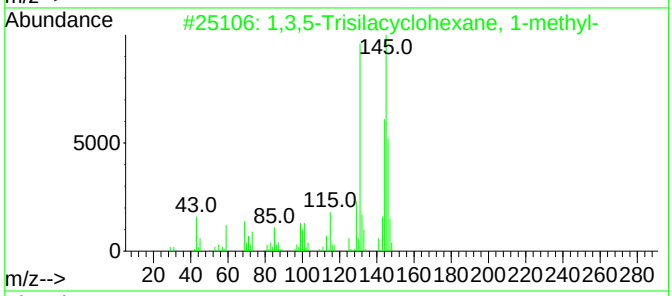
****
Peak Number 8 1,3,5-Trisilacyclohexane, 1... Concentration Rank 8

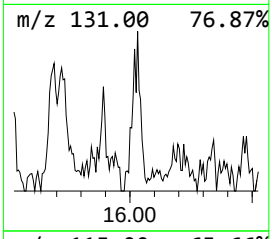
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.025	5.14 ug/l	21143	1,4-Dichlorobenzene-d4	13.422

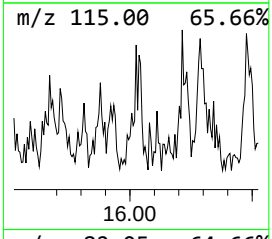
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trisilacyclohexane, 1-methyl-	146	C4H14Si3	018148-11-3	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	27
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	22
4	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	22
5	1,5-Naphthyridin-3-amine	145	C8H7N3	014756-77-5	18

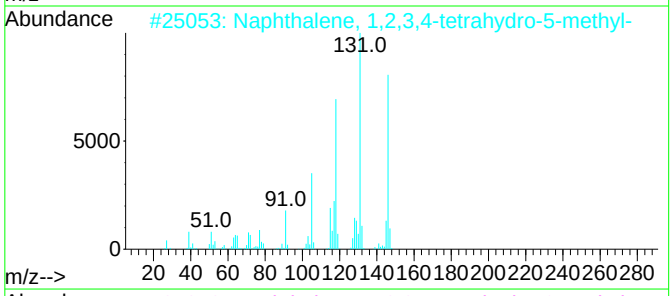


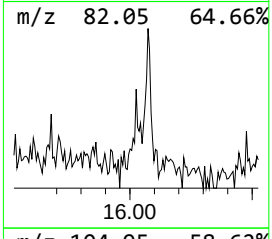


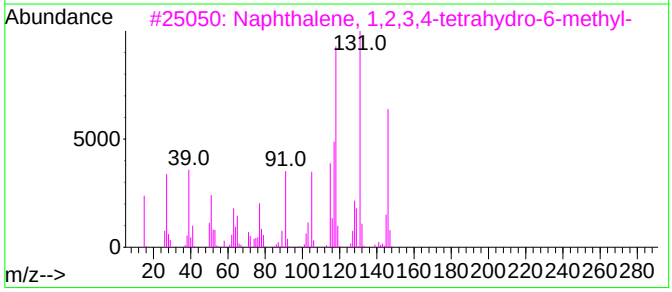


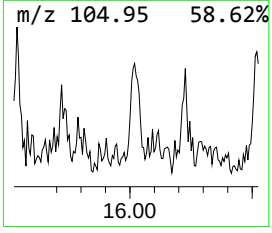












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007372.D
Acq On : 03 Feb 2022 12:35
Operator : SY/MD
Sample : N1381-06
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-11(32-34)-02-02-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfurous acid,...	12.813	8.3	ug/l	34246	4	13.422	205629	50.0
Cyclohexane, (2...	13.319	7.2	ug/l	29687	4	13.422	205629	50.0
Naphthalene, de...	13.745	8.7	ug/l	35904	4	13.422	205629	50.0
2-Amino-m-creso...	13.965	11.1	ug/l	45520	4	13.422	205629	50.0
unknown14.257	14.257	10.7	ug/l	44080	4	13.422	205629	50.0
unknown14.678	14.678	8.5	ug/l	34928	4	13.422	205629	50.0
Octane, 2,3,7-t...	15.214	7.7	ug/l	31637	4	13.422	205629	50.0
1,3,5-Trisilacy...	16.025	5.1	ug/l	21143	4	13.422	205629	50.0