LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
Data File : VD072053.D
Acq On : 22 Feb 2022 13:14
Operator : VA/SY
Sample : N1626-16
Misc : 6.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CC-B8

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\82D021822S.M
Title : SW846 8260

Signal : TIC: VD072053.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.268	45	59	60	rBV	122294	340798	14.06%	1.779%
2	2.297	62	64	72	rVB	75372	99537	4.11%	0.520%
3	2.373	75	77	88	rBV6	1793708	1848557	76.29%	9.652%
4	2.450	88	90	96	rBV6	1672032	1371200	56.59%	7.159%
5	2.544	105	106	111	rBV4	2291145	1849512	76.32%	9.656%
6	8.161	1044	1061	1077	rBV3	516509	1516581	62.59%	7.918%
7	8.503	1109	1119	1134	rVB	137071	339833	14.02%	1.774%
8	8.991	1192	1202	1214	rBV	848434	1693152	69.87%	8.840%
9	10.397	1432	1441	1449	rBV	1383002	2423210	100.00%	12.652%
10	11.667	1642	1657	1668	rBV	1065922	1871078	77.21%	9.769%
11	12.632	1812	1821	1830	rBV2	845290	1509529	62.29%	7.881%
12	13.067	1890	1895	1905	rVB8	11751	27914	1.15%	0.146%
13	13.179	1907	1914	1920	rBV3	39727	79589	3.28%	0.416%
14	13.285	1925	1932	1938	rBV8	16499	38736	1.60%	0.202%
15	13.502	1962	1969	1973	rBV4	12315	26743	1.10%	0.140%
16	13.567	1973	1980	1987	rVV	814441	1356606	55.98%	7.083%
17	13.655	1987	1995	2000	rVV3	77882	188574	7.78%	0.985%
18	13.708	2000	2004	2011	rVB3	61195	128831	5.32%	0.673%
19	14.708	2165	2174	2184	rVB4	67591	139449	5.75%	0.728%
20	14.879	2196	2203	2209	rBV5	37102	70677	2.92%	0.369%
21	15.067	2225	2235	2245	rBV6	104142	259398	10.70%	1.354%
22	15.273	2256	2270	2275	rBV	921559	1820580	75.13%	9.505%
23	15.755	2344	2352	2362	rBV	16171	38435	1.59%	0.201%
24	15.996	2385	2393	2397	rBV8	13366	30540	1.26%	0.159%
25	16.761	2516	2523	2527	rBV7	40034	83969	3.47%	0.438%

Sum of corrected areas: 19153028

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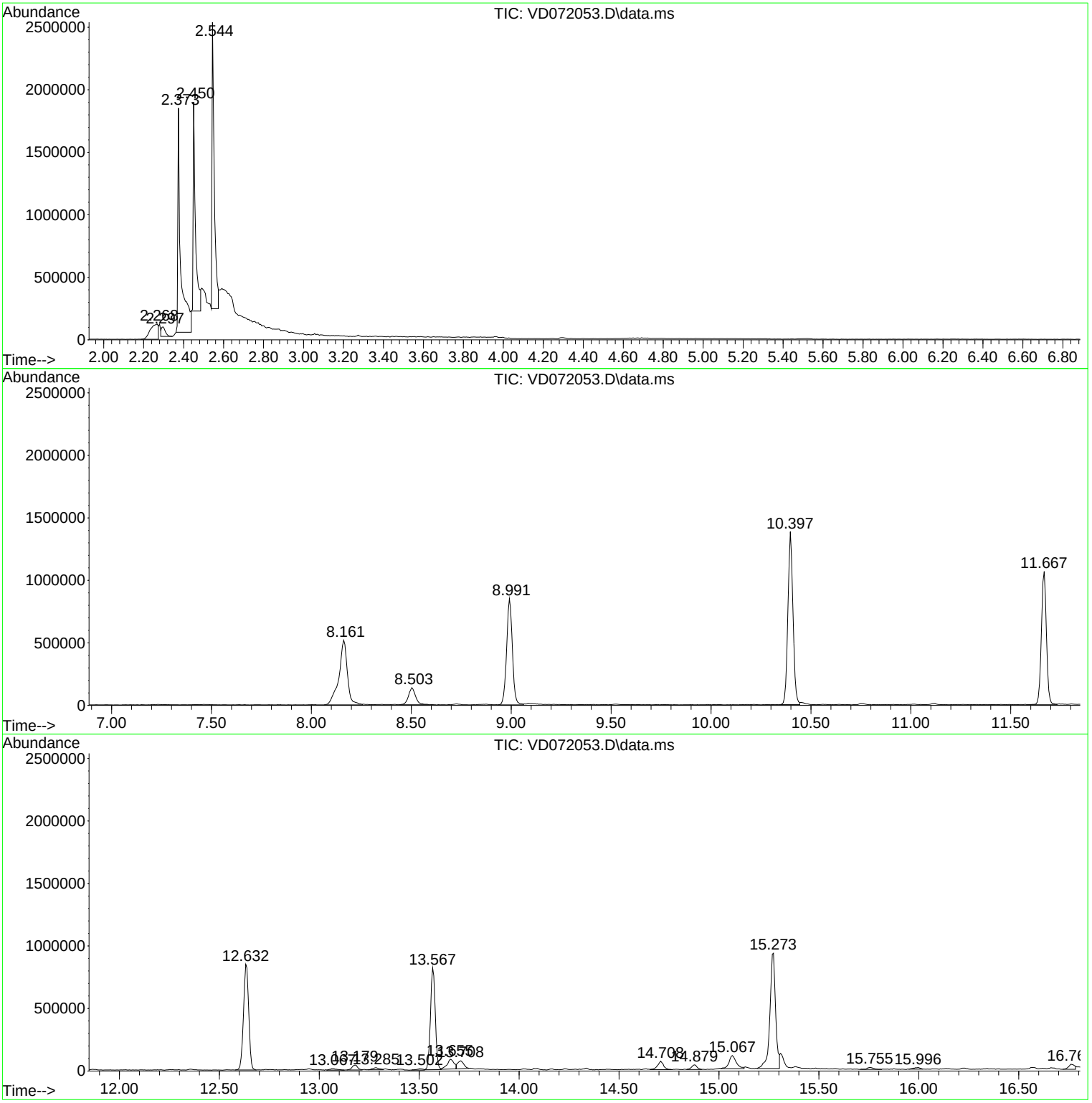
ClientSampleId :
CC-B8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

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



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Instrument :
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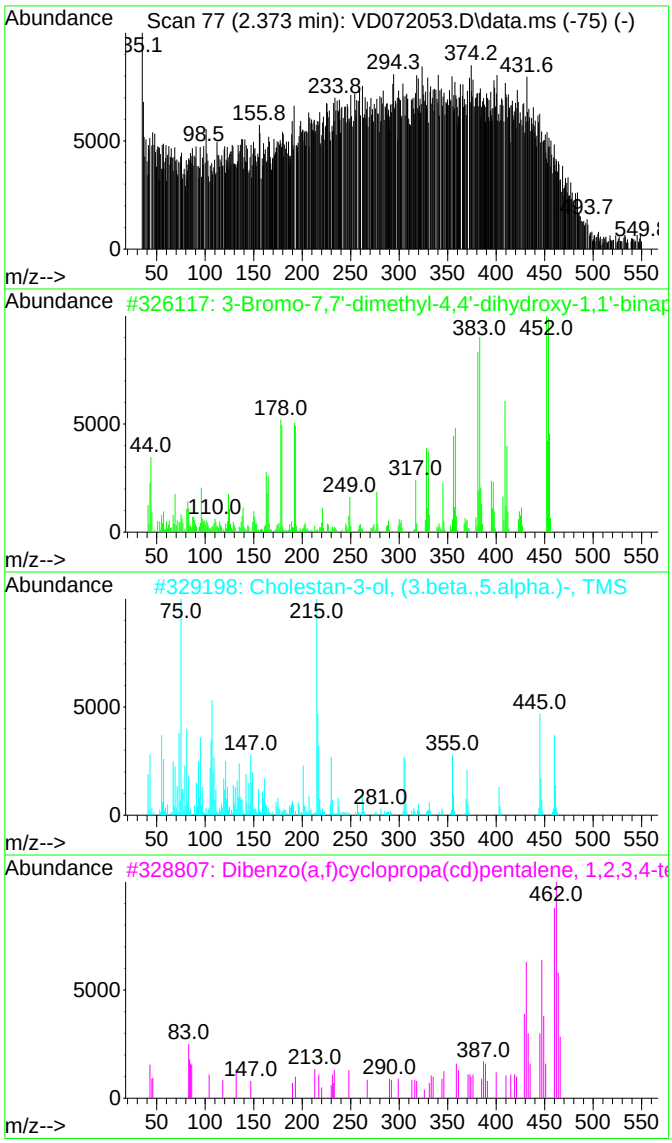
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

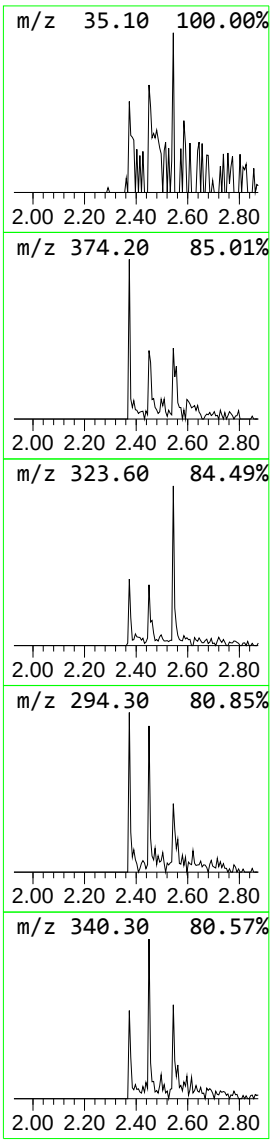
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Bromo-7,7'-dimethyl-4,4'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.373	60.94 ug/l	1848560	Pentafluorobenzene	8.161

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-7,7'-dimethyl-4,4'-dihyd...	452	C22H13BrO6	101459-16-9	56
2	Cholestan-3-ol, (3.beta.,5.alpha...	460	C30H56OSi	018880-51-8	53
3	Dibenzo(a,f)cyclopropa(cd)pental...	460	C20H16Cl4O4	042187-42-8	25
4	Silane, dimethyl(dimethyl(2,5-di...	454	C16H18Cl4O3Si2	1000347-37-8	25
5	Silane, dimethyl(dimethyl(2,4-di...	454	C16H18Cl4O3Si2	1000347-04-7	22





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Instrument :
MSVOA_D
ClientSampleId :
CC-B8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

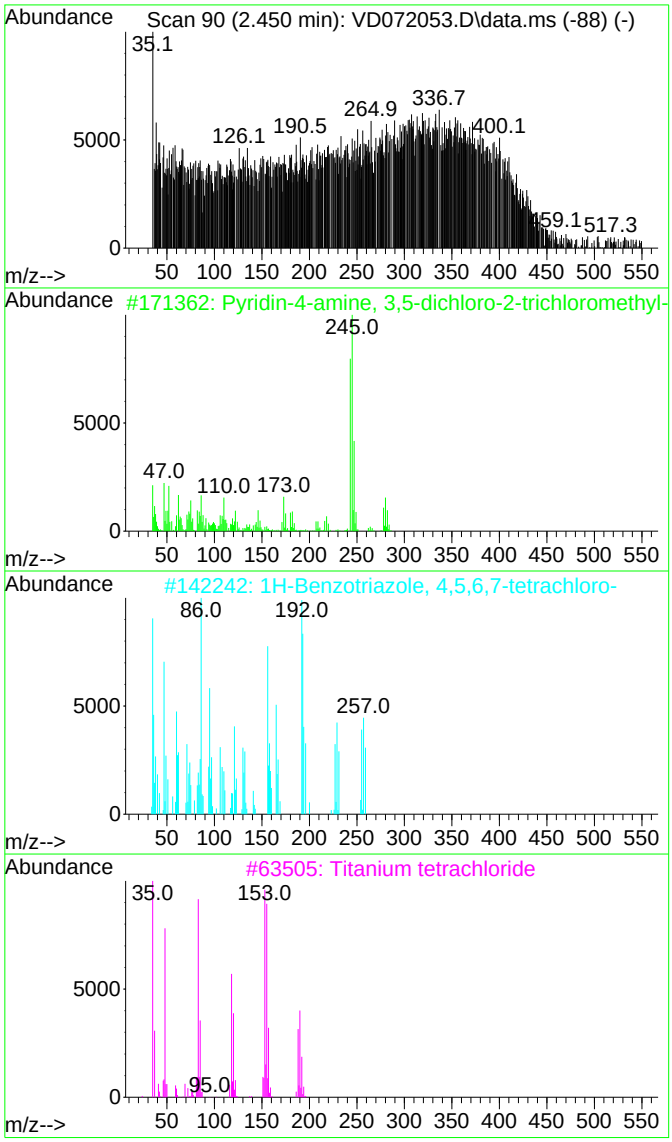
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

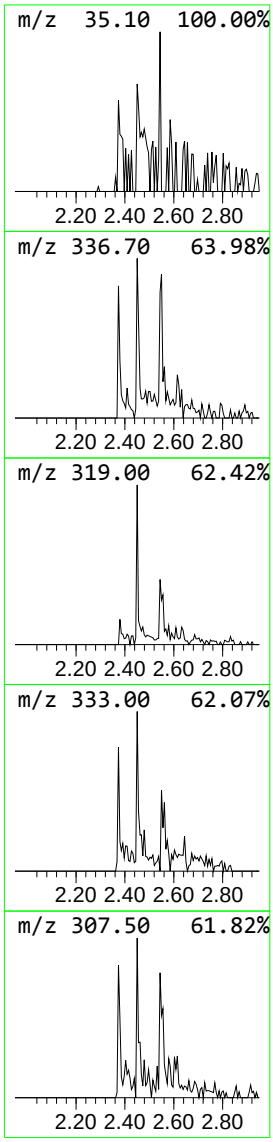
****

Peak Number 3 unknown2.450 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.450	45.21 ug/l	1371200	Pentafluorobenzene	8.161

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridin-4-amine, 3,5-dichloro-2-...	278	C6H3Cl5N2	014321-05-2	42
2	1H-Benzotriazole, 4,5,6,7-tetrac...	255	C6HCl4N3	002338-10-5	42
3	Titanium tetrachloride	188	Cl4Ti	007550-45-0	30
4	Dimethyl-tetraselenafulvalene	424	C8H8Se4	1000149-11-6	15
5	Methyl 9,11,13-octadecatrienoate...	405	C22H35N3O4	1000336-42-9	15





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Acq On : 22 Feb 2022 13:14
Operator : VA/SY
Sample : N1626-16
Misc : 6.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CC-B8

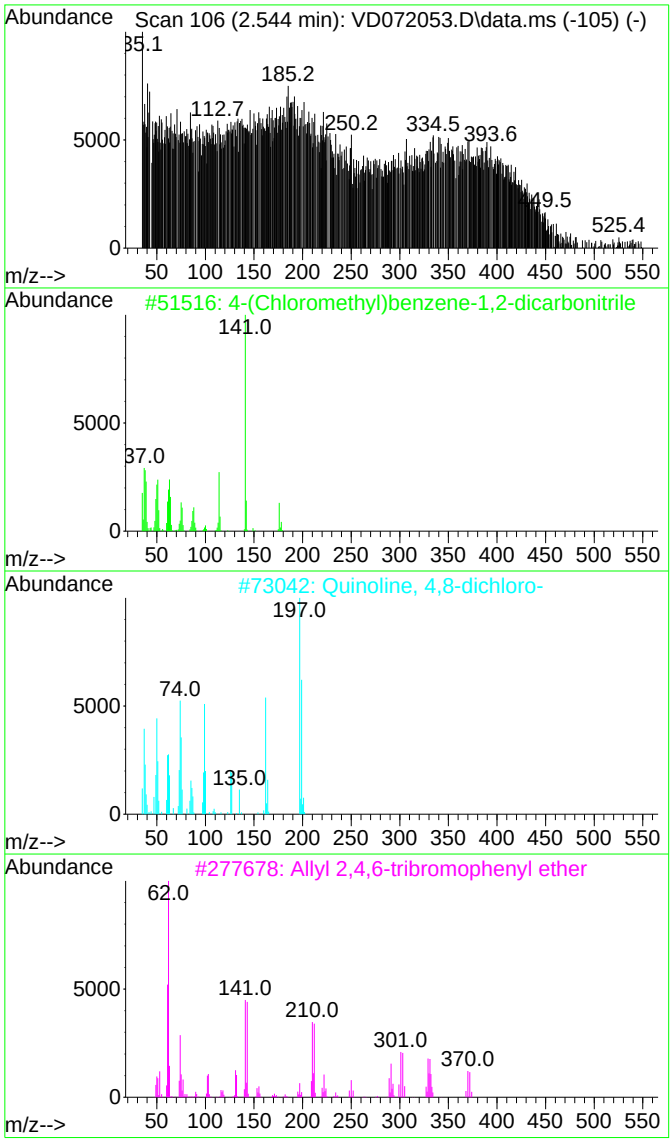
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

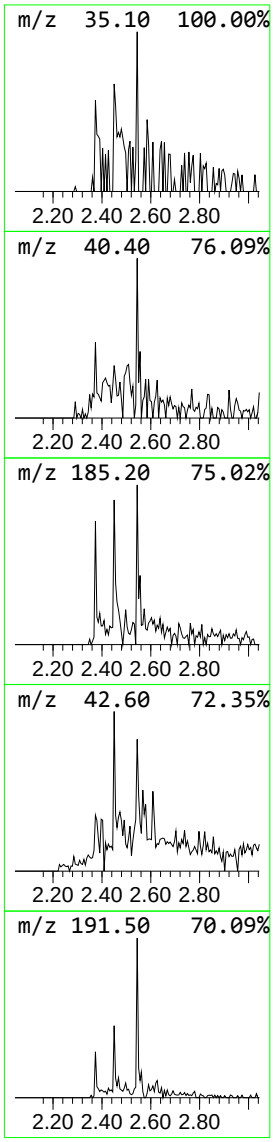
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-(Chloromethyl)benzene-1,2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.544	60.98 ug/l	1849510	Pentafluorobenzene	8.161

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Chloromethyl)benzene-1,2-dica...	176	C9H5ClN2	089927-55-9	64
2	Quinoline, 4,8-dichloro-	197	C9H5Cl2N	1000362-67-5	59
3	Allyl 2,4,6-tribromophenyl ether	368	C9H7Br3O	003278-89-5	55
4	6-Bromo-4-(morpholin-4-yl)-2,1,3...	283	C10H10BrN3O2	1000389-05-2	53
5	4-Chloro-2-[2,2,2-trifluoroethox...	262	C10H6ClF3N2O	1000214-65-6	50





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Operator : VA/SY
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Misc : 6.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CC-B8

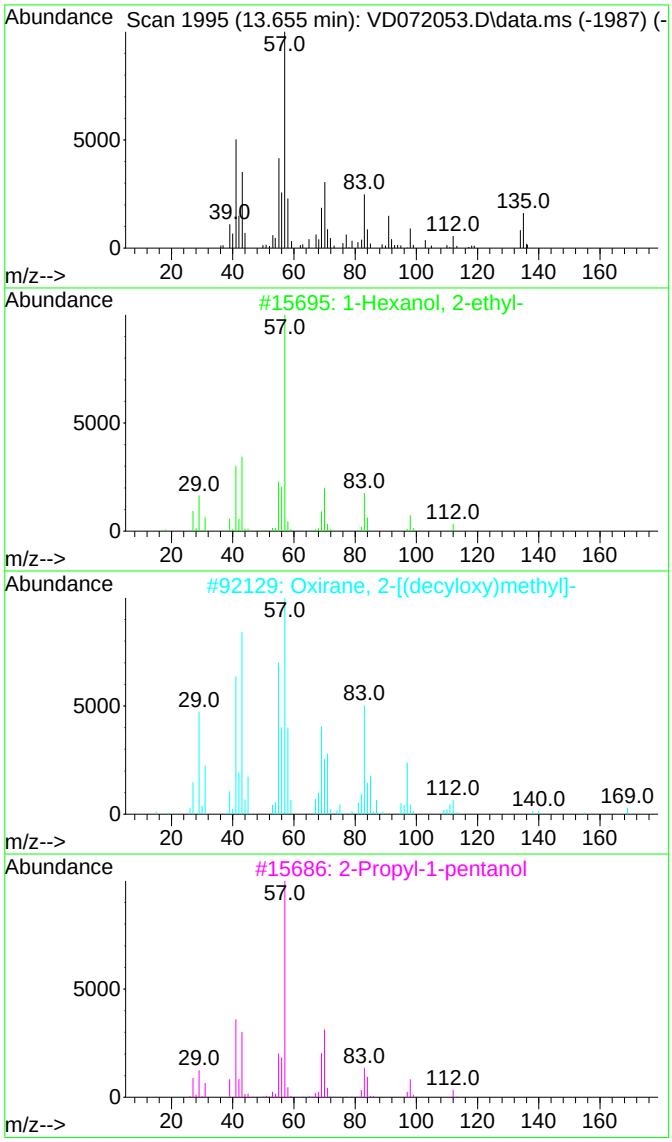
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

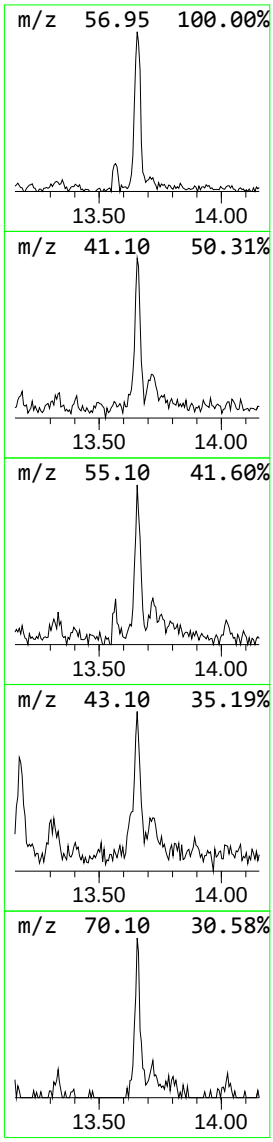
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	6.95 ug/l	188574	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	Oxirane, 2-[(decyloxy)methyl]-	214	C13H26O2	003497-06-1	47
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	38
5	3-Octene, (Z)-	112	C8H16	014850-22-7	35





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CC-B8

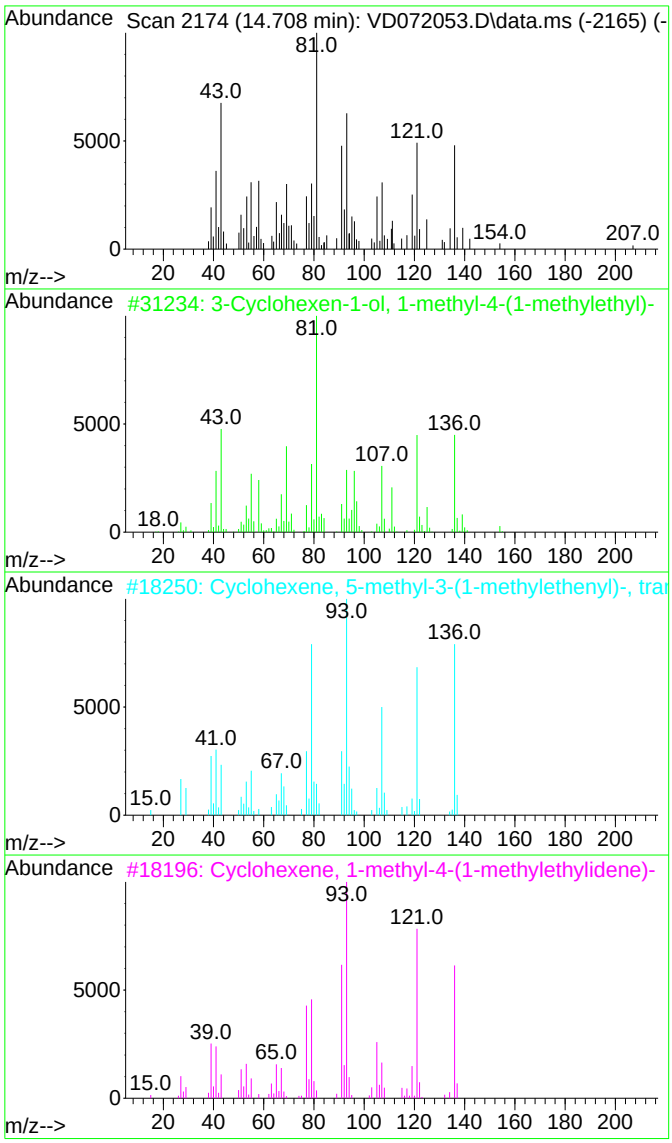
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

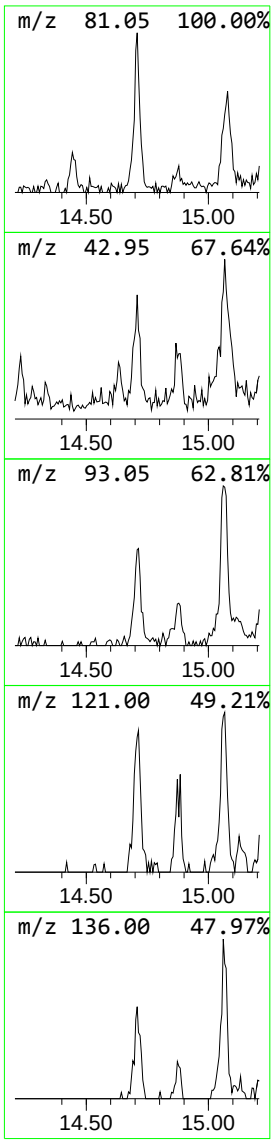
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Cyclohexen-1-ol, 1-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.708	5.14 ug/l	139449	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	89
2	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	83
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	42
4	Bicyclo[4.1.0]heptan-3-ol, 4,7,7...	154	C10H18O	004089-03-6	41
5	2-Carene	136	C10H16	000554-61-0	38





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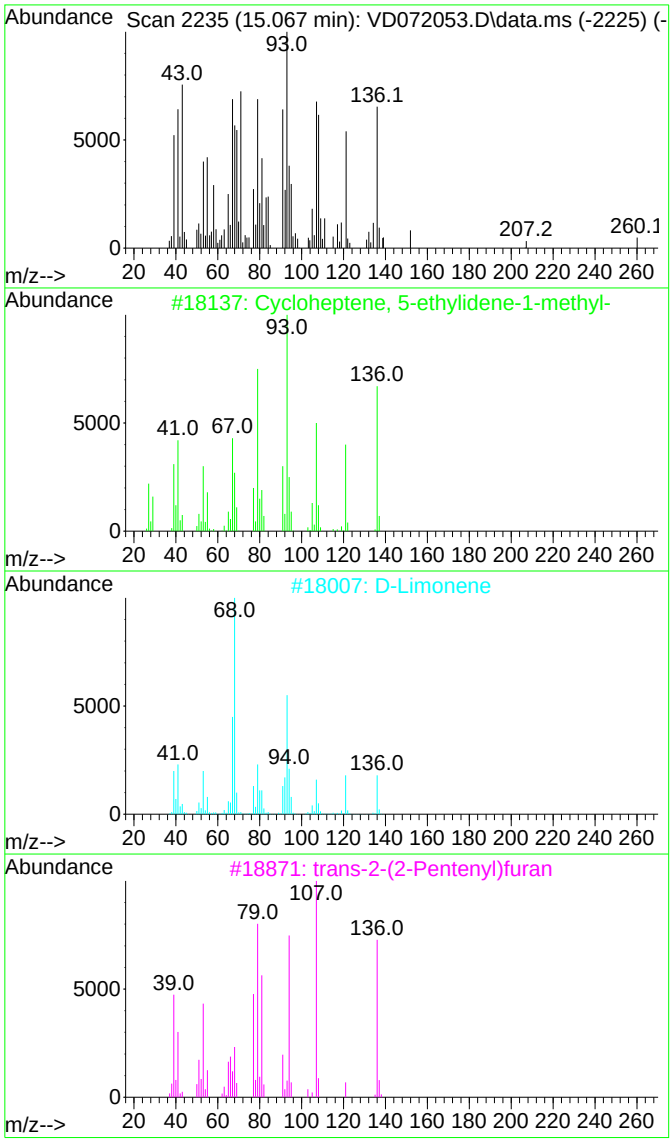
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

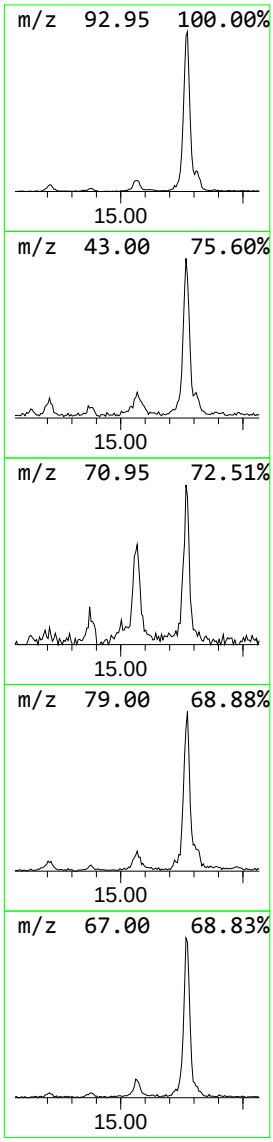
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cycloheptene, 5-ethylidene-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.067	9.56 ug/l	259398	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptene, 5-ethylidene-1-met...	136	C10H16	015402-94-5	76
2	D-Limonene	136	C10H16	005989-27-5	74
3	trans-2-(2-Pentenyl)furan	136	C9H12O	070424-14-5	53
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	49
5	Cyclohexene, 4-methyl-1-(1-methy...	136	C10H16	000586-67-4	43





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Quant Title : SW846 8260

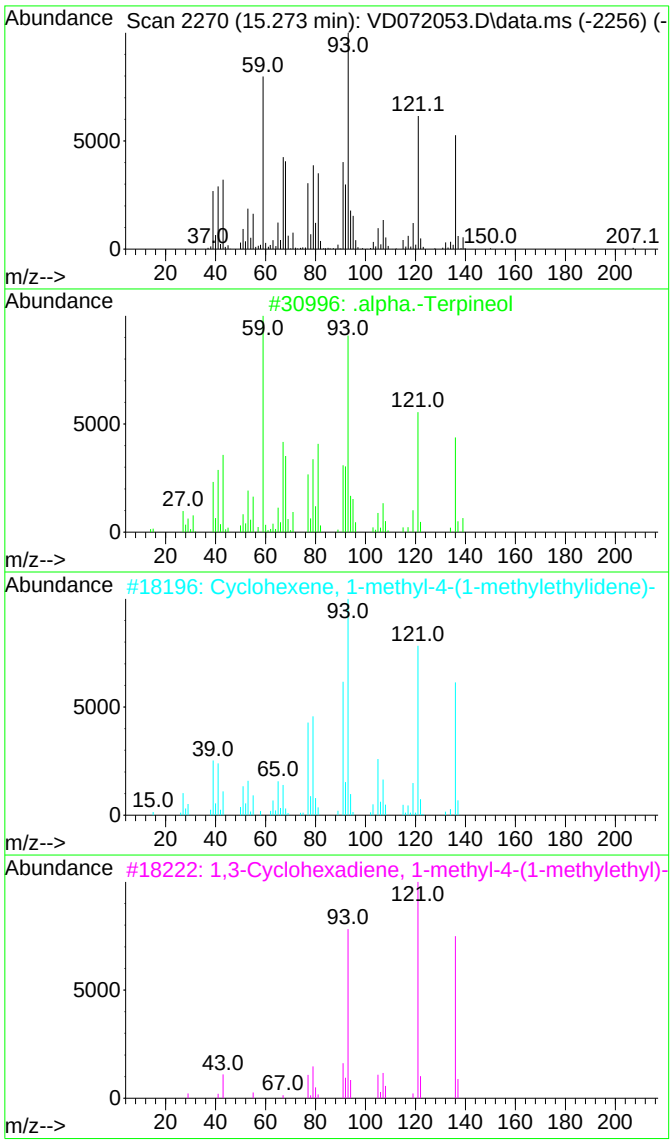
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

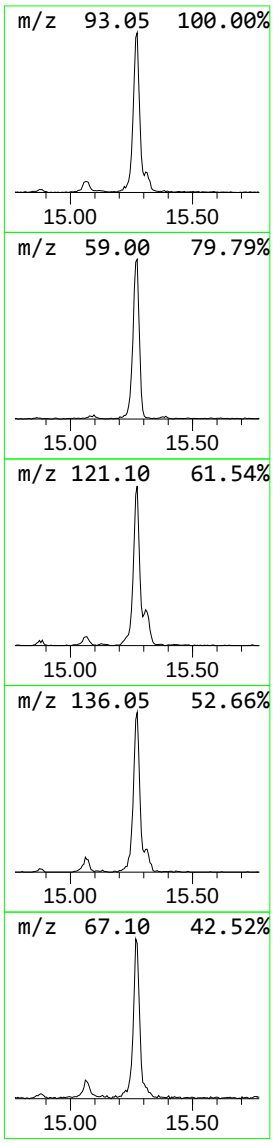
****

Peak Number 8 .alpha.-Terpineol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.273	67.10 ug/l	1820580	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Terpineol	154	C10H18O	000098-55-5	91
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	70
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	50
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	50
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	49





Tentatively Identified Compound (LSC) summary

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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
3-Bromo-7,7'-di...	2.373	60.9	ug/l	1848560	1	8.161	1516580	50.0
unknown2.450	2.450	45.2	ug/l	1371200	1	8.161	1516580	50.0
4-(Chloromethyl...	2.544	61.0	ug/l	1849510	1	8.161	1516580	50.0
1-Hexanol, 2-et...	13.655	7.0	ug/l	188574	4	13.567	1356610	50.0
3-Cyclohexen-1-...	14.708	5.1	ug/l	139449	4	13.567	1356610	50.0
Cycloheptene, 5...	15.067	9.6	ug/l	259398	4	13.567	1356610	50.0
.alpha.-Terpineol	15.273	67.1	ug/l	1820580	4	13.567	1356610	50.0