LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015981.D
Acq On : 16 Oct 2023 13:55
Operator : SY/MD
Sample : 04798-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRIABLE-ASBESTOS-SAMPLE

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\82Y101223S.M
Title : SW846 8260

Signal : TIC: VY015981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.978	345	354	366	rBV2	5008	19624	2.61%	0.342%
2	4.716	464	475	489	rBV	34474	106316	14.12%	1.853%
3	5.600	609	620	628	rBV5	3434	13612	1.81%	0.237%
4	5.740	633	643	655	rVB3	10066	31293	4.16%	0.545%
5	7.472	917	927	940	rVB3	8145	24923	3.31%	0.434%
6	7.722	959	968	973	rBV	93967	217358	28.88%	3.788%
7	7.795	973	980	990	rVB	171861	397071	52.75%	6.919%
8	8.148	1029	1038	1050	rBV	106603	241293	32.06%	4.205%
9	8.691	1118	1127	1137	rBV	263634	531496	70.61%	9.262%
10	8.923	1156	1165	1173	rBV6	4162	13462	1.79%	0.235%
11	10.184	1362	1372	1380	rBV	430380	752728	100.00%	13.117%
12	10.587	1433	1438	1445	rVB3	9433	16285	2.16%	0.284%
13	10.812	1470	1475	1482	rBV2	9726	22132	2.94%	0.386%
14	10.947	1493	1497	1502	rBV8	5321	9926	1.32%	0.173%
15	11.495	1581	1587	1599	rVB	399044	657133	87.30%	11.451%
16	11.672	1610	1616	1628	rBV	187461	344093	45.71%	5.996%
17	12.013	1657	1672	1674	rBV4	33637	118607	15.76%	2.067%
18	12.489	1744	1750	1757	rVB	336095	543991	72.27%	9.479%
19	13.428	1900	1904	1911	rVB	428892	681182	90.50%	11.870%
20	13.531	1916	1921	1927	rBV	317813	529253	70.31%	9.223%
21	13.964	1989	1992	1998	rVB2	39440	60405	8.02%	1.053%
22	14.214	2030	2033	2036	rBV2	36785	47936	6.37%	0.835%
23	15.488	2237	2242	2253	rVB4	78828	209701	27.86%	3.654%
24	16.196	2354	2358	2365	rVB	43409	85480	11.36%	1.490%
25	16.342	2380	2382	2393	rVB	31057	63342	8.41%	1.104%

Sum of corrected areas: 5738642

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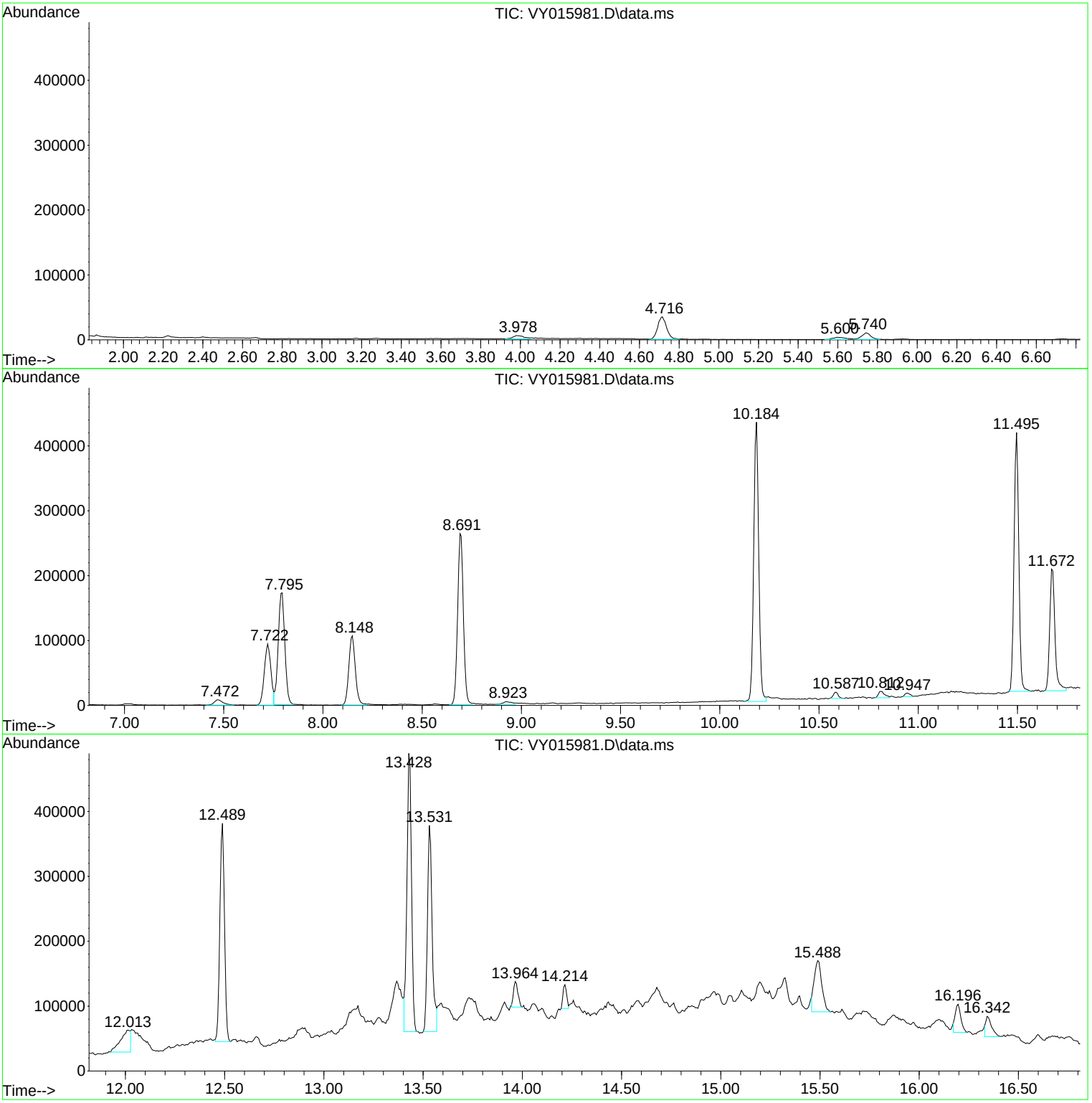
ClientSampleId :
FRIABLE-ASBESTOS-SAMPLE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260

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



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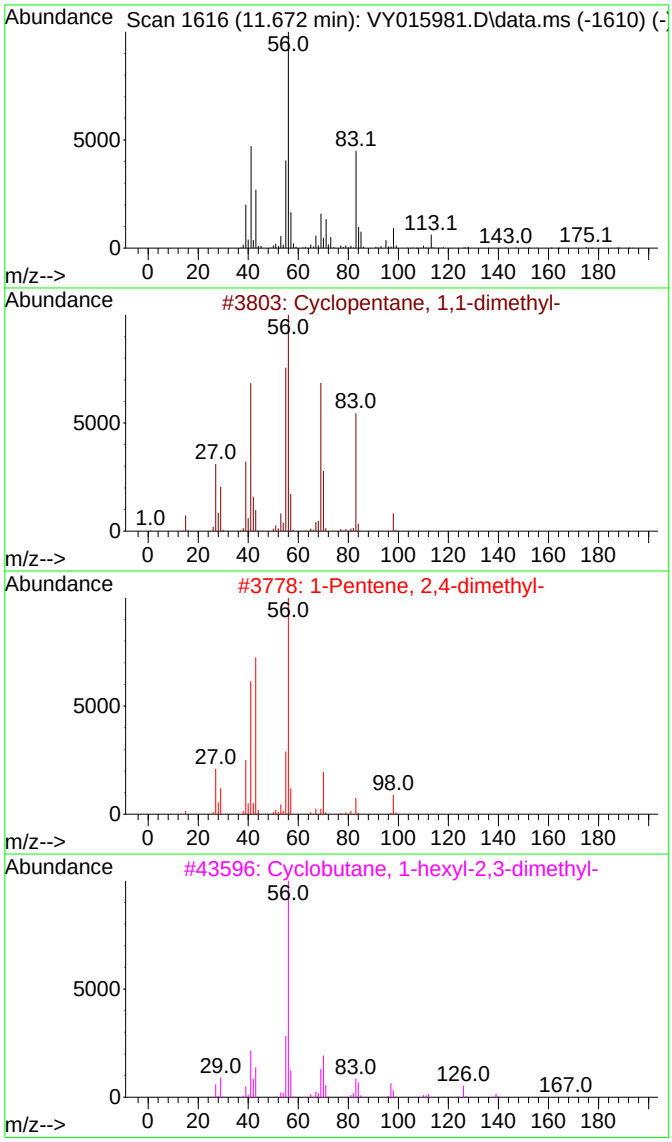
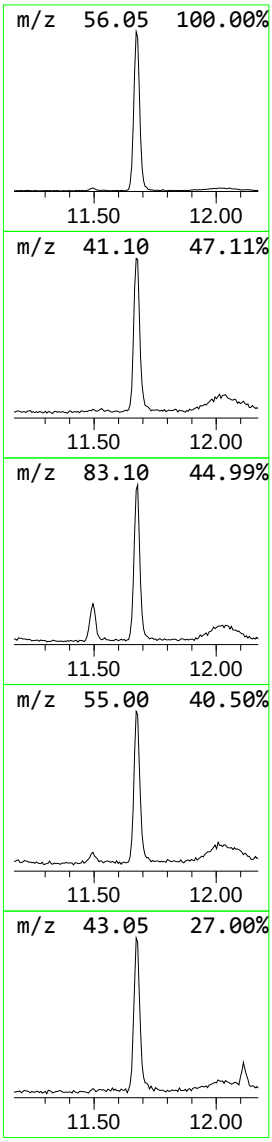
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, 1,1-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.672	26.18 ug/l	344093	Chlorobenzene-d5	11.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	43
3	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	42
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
5	2H-Azepin-2-one, 3-aminohexahydro-	128	C6H12N2O	000671-42-1	38





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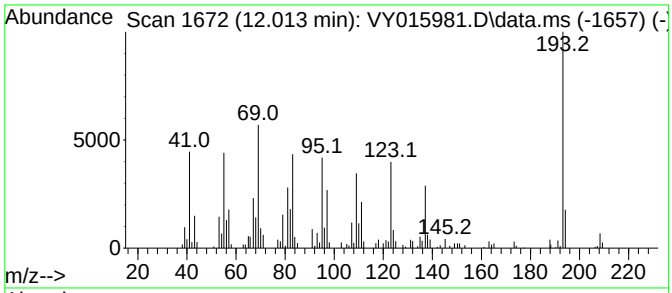
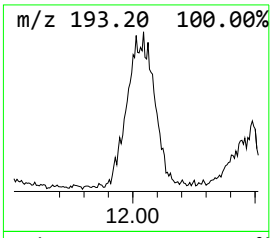
****

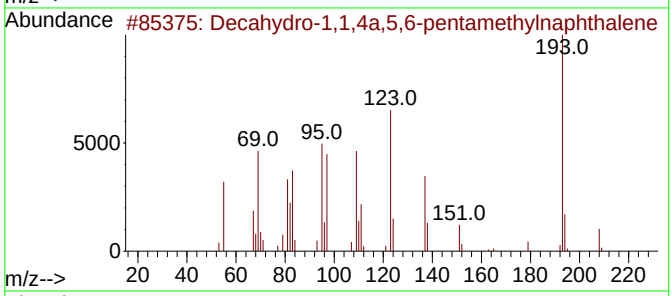
Peak Number 2 unknown12.013 Concentration Rank 4

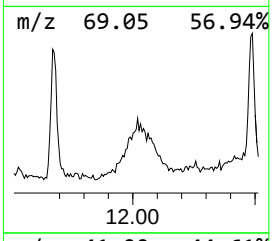
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.013	9.02 ug/l	118607	Chlorobenzene-d5	11.495

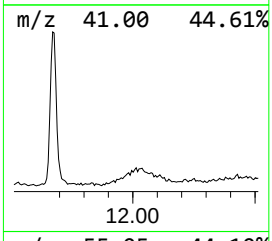
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	47
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	45
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
4	2-Phenylindolizine	193	C14H11N	025379-20-8	22
5	Acetylene, 1-(2-aminophenyl)-2-p...	193	C14H11N	1000380-73-4	22

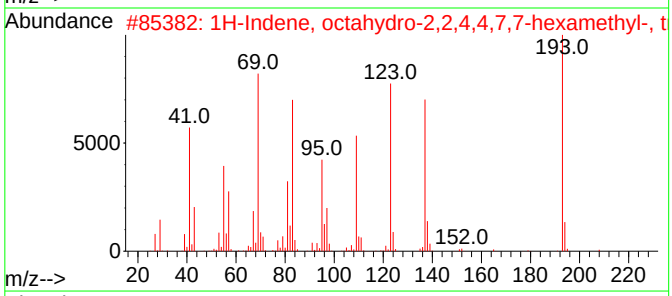


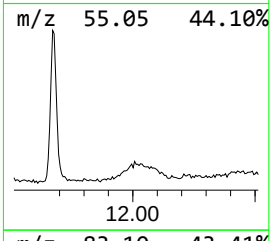


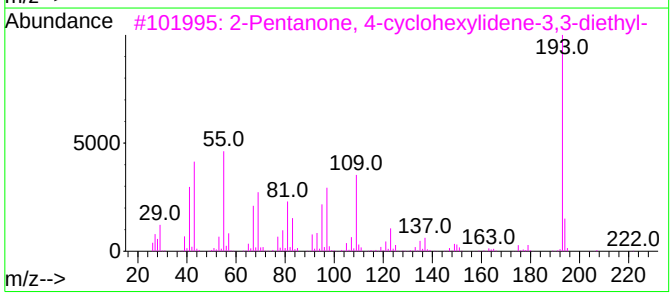


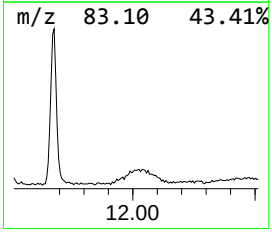












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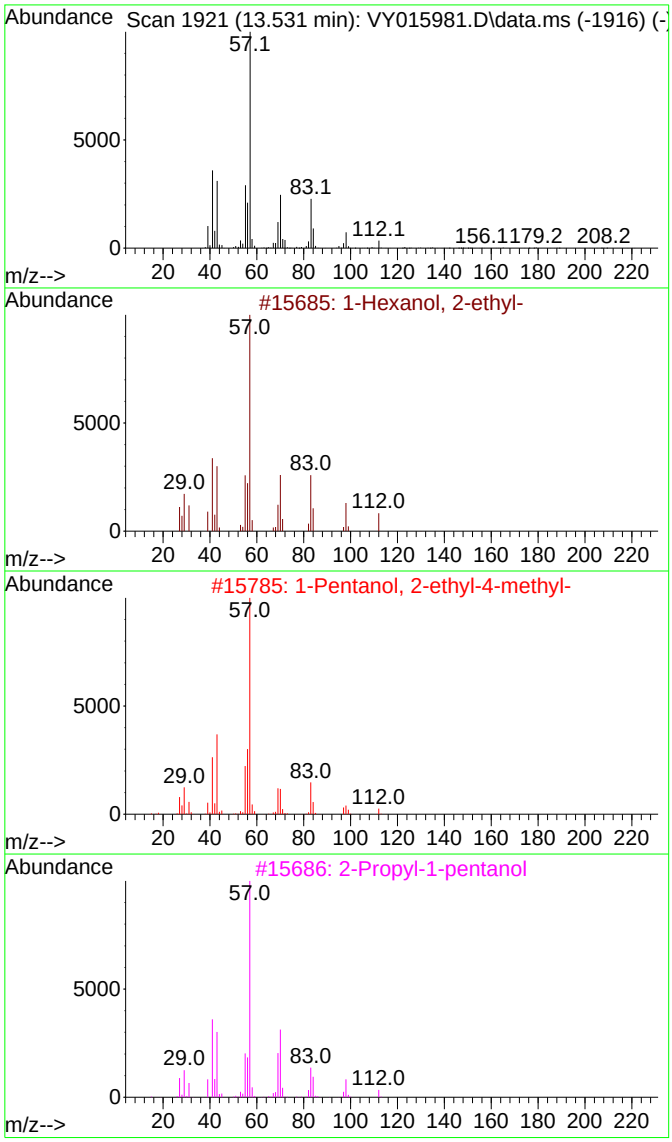
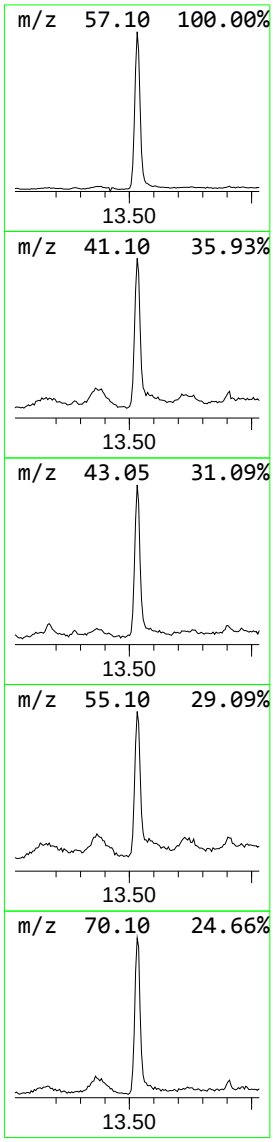
****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.531	38.85 ug/l	529253	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50





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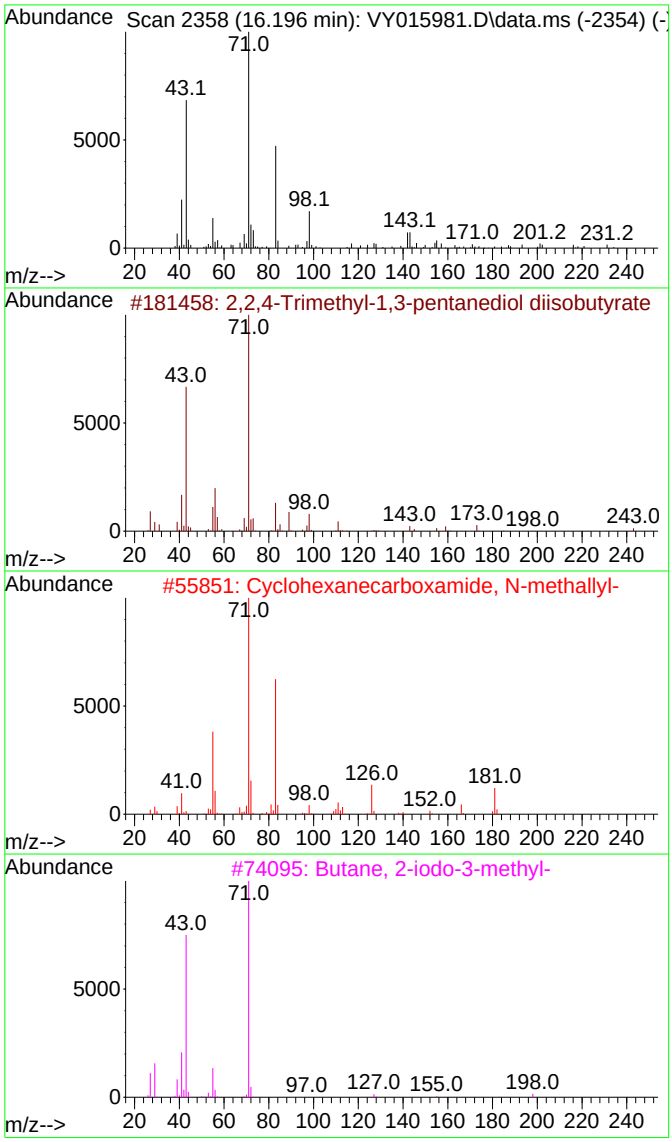
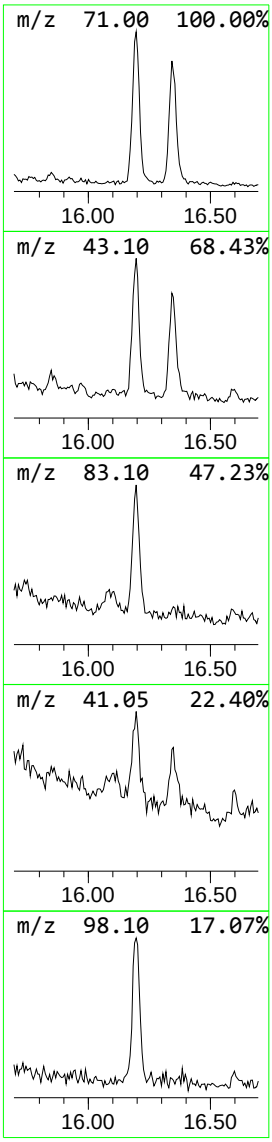
****
Peak Number 5 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.196	6.27 ug/l	85480	1,4-Dichlorobenzene-d4	13.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	53
2	Cyclohexanecarboxamide, N-methal...	181	C11H19NO	1000345-69-5	39
3	Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	38
4	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	38
5	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	32





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, 1...	11.672	26.2	ug/l	344093	3	11.495	657133	50.0
unknown12.013	12.013	9.0	ug/l	118607	3	11.495	657133	50.0
1-Hexanol, 2-et...	13.531	38.9	ug/l	529253	4	13.434	681182	50.0
2,2,4-Trimethyl...	16.196	6.3	ug/l	85480	4	13.434	681182	50.0