LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
Data File : VU041153.D
Acq On : 09 Nov 2020 20:00
Operator : SY/MD
Sample : L4646-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR102620WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.607	74	83	90	rBV3	35196	40683	3.23%	0.864%
2	1.678	94	105	116	rVB2	22972	28500	2.27%	0.605%
3	1.922	172	181	198	rVB	25269	31849	2.53%	0.676%
4	2.006	198	207	218	rVB2	13019	18000	1.43%	0.382%
5	2.433	328	340	350	rBV	35829	59303	4.71%	1.259%
6	2.581	374	386	403	rBV	44452	74269	5.90%	1.577%
7	3.372	622	632	644	rBV5	10490	20776	1.65%	0.441%
8	4.687	1015	1041	1066	rBV2	509223	1257755	100.00%	26.708%
9	4.829	1073	1085	1106	rVB	7877	21387	1.70%	0.454%
10	5.083	1149	1164	1184	rVB	50483	115020	9.14%	2.442%
11	5.742	1348	1369	1378	rBV2	93648	253667	20.17%	5.387%
12	5.790	1379	1384	1404	rVB2	40107	86283	6.86%	1.832%
13	6.263	1517	1531	1549	rBV	70258	129532	10.30%	2.751%
14	6.555	1606	1622	1646	rBV	641278	1206839	95.95%	25.627%
15	6.703	1655	1668	1682	rVB2	65081	124473	9.90%	2.643%
16	7.574	1928	1939	1952	rVB	30712	52418	4.17%	1.113%
17	7.906	2026	2042	2056	rBV	104239	177484	14.11%	3.769%
18	8.185	2118	2129	2141	rBV	19972	32881	2.61%	0.698%
19	8.639	2258	2270	2296	rBV	217057	386428	30.72%	8.206%
20	9.420	2501	2513	2526	rBV	98976	160680	12.78%	3.412%
21	9.697	2587	2599	2609	rVB2	9800	15532	1.23%	0.330%
22	10.754	2914	2928	2942	rBV	54768	86840	6.90%	1.844%
23	11.806	3244	3255	3268	rBV	88905	139547	11.09%	2.963%
24	12.188	3361	3374	3387	rBV	117904	189140	15.04%	4.016%

Sum of corrected areas: 4709286

LSC Report - Integrated Chromatogram

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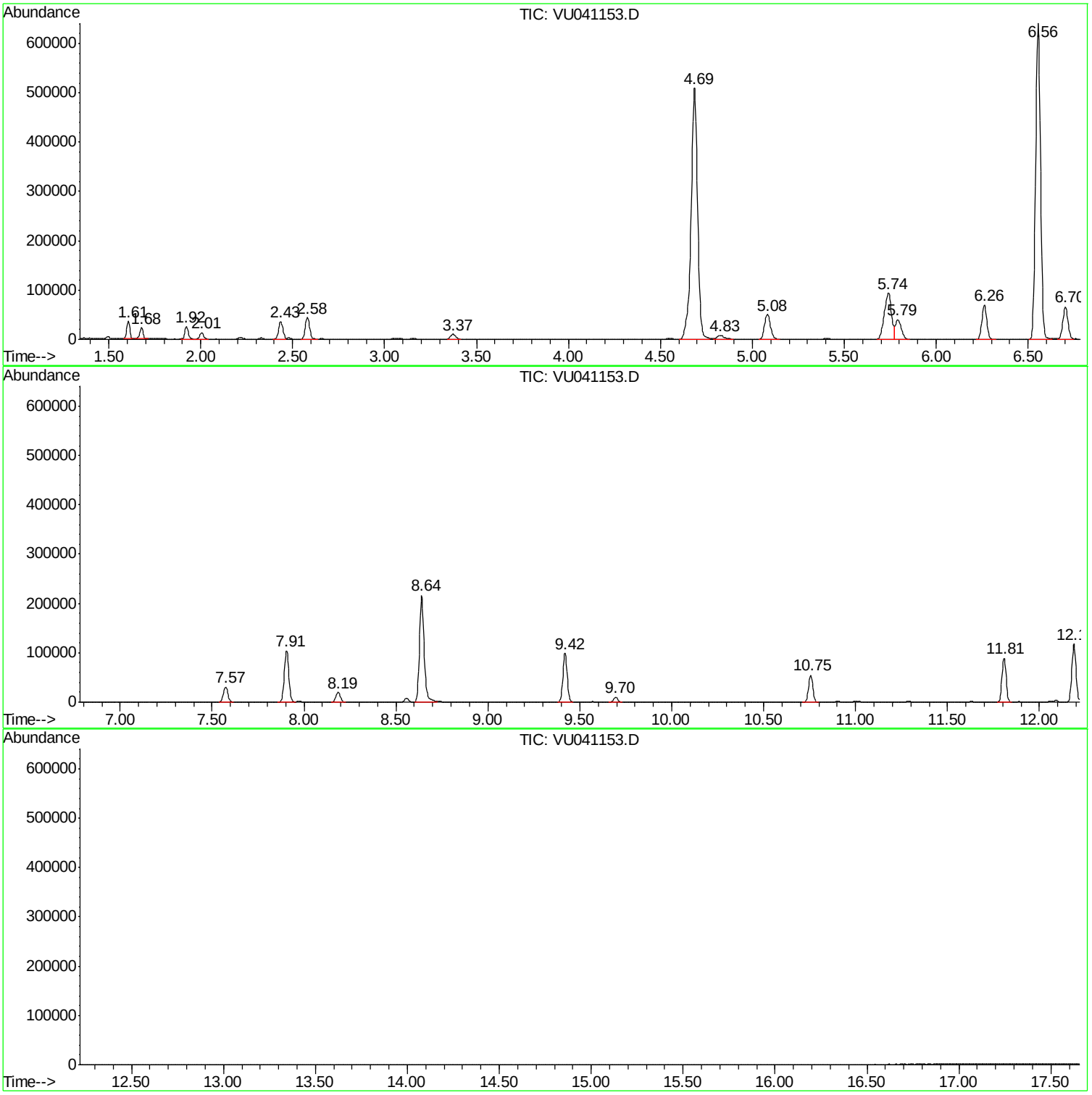
ClientSampleId : GB0W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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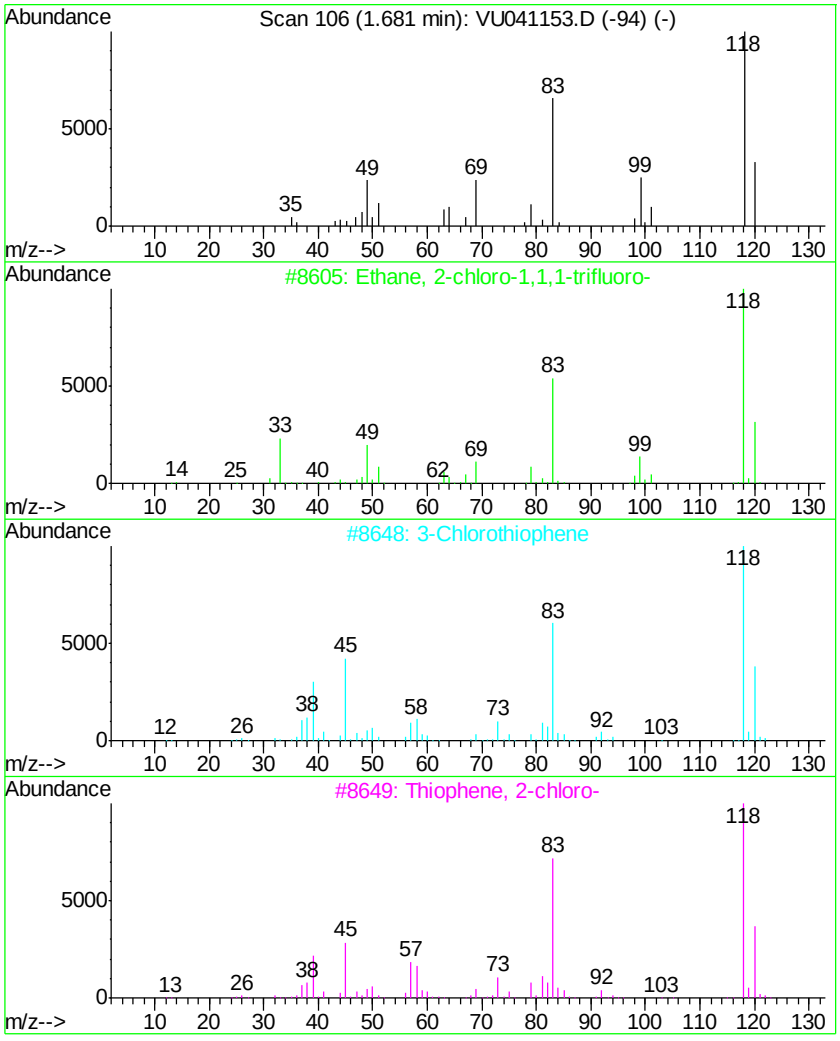
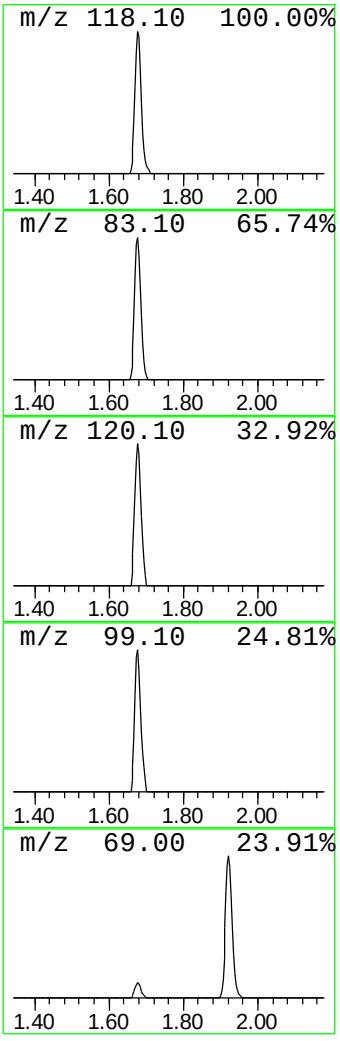
Peak Number 1 Ethane, 2-chloro-1,1,1-trif... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	1.10 ug/L	28500	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 2-chloro-1,1,1-trifluoro-	118	C2H2ClF3	000075-88-7	91
2	3-Chlorothiophene	118	C4H3ClS	017249-80-8	37
3	Thiophene, 2-chloro-	118	C4H3ClS	000096-43-5	37
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	25
5	Methional	104	C4H8OS	003268-49-3	10





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Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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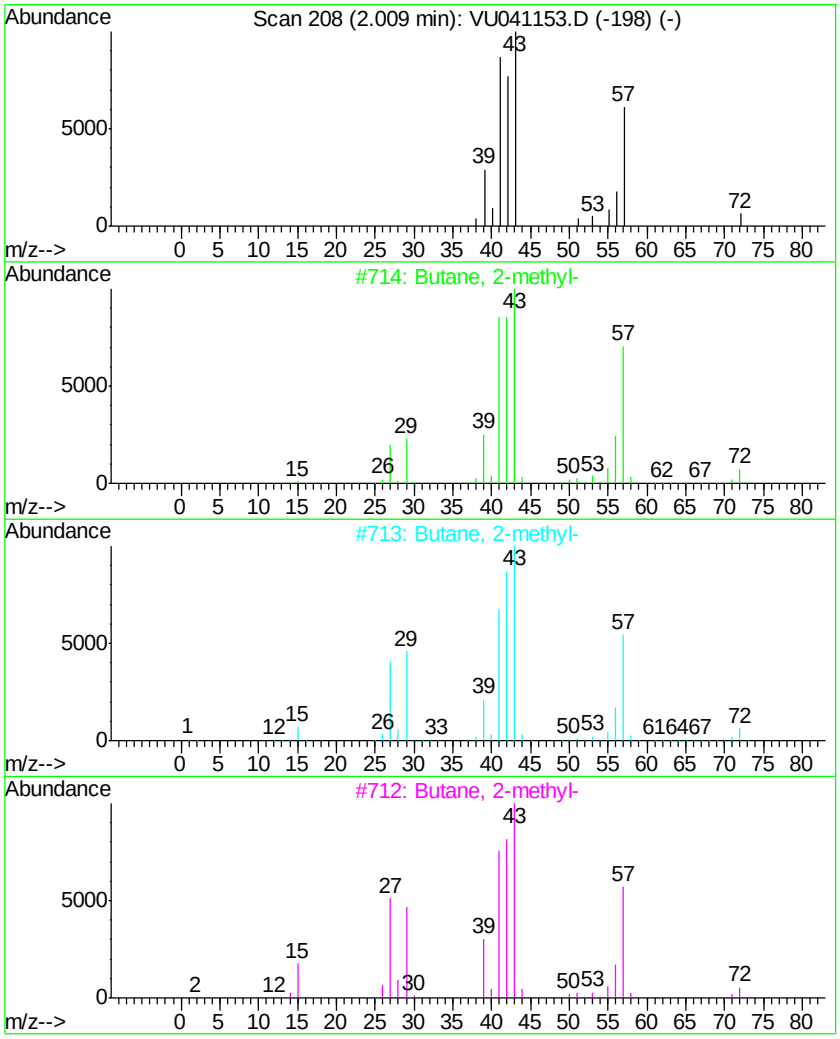
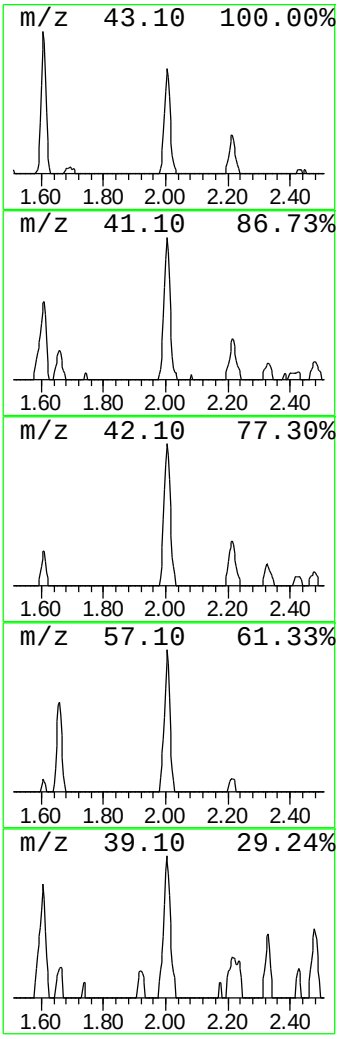
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	0.69 ug/L	18000	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	86
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	36
5	3-Buten-1-ol	72	C4H8O	000627-27-0	9





Library Search Compound Report

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Acq On : 09 Nov 2020 20:00
Operator : SY/MD
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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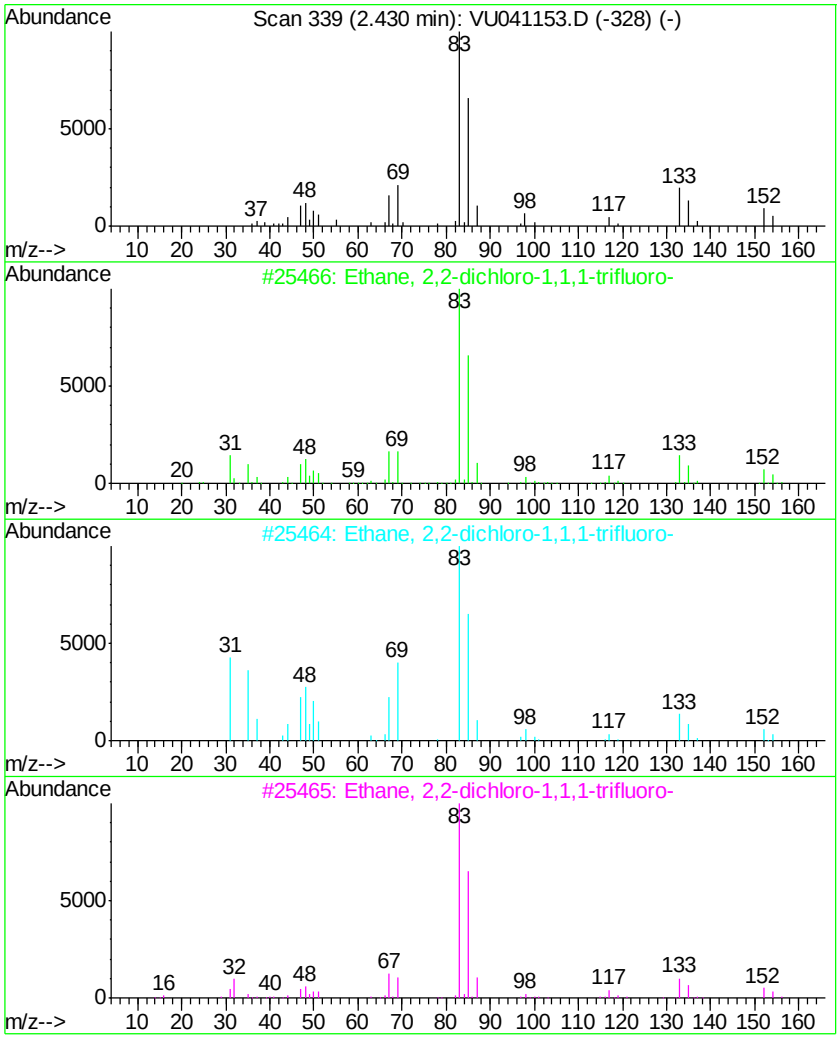
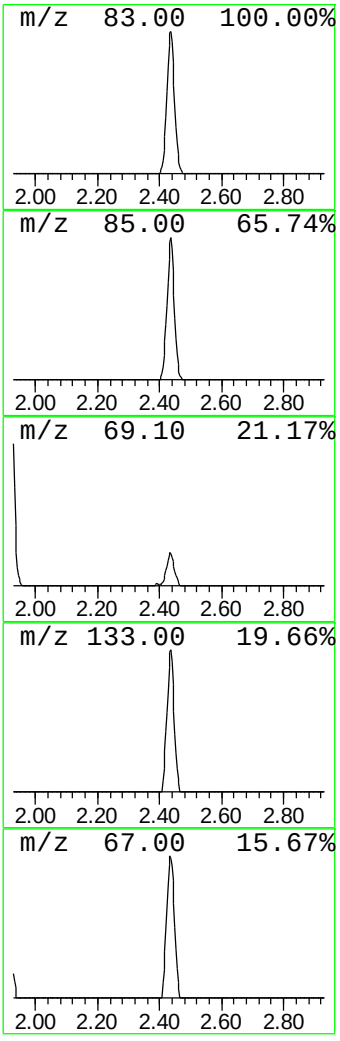
Peak Number 3 Ethane, 2,2-dichloro-1,1,1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	2.29 ug/L	59303	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	97
2	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	93
3	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	91
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	59
5	Trichloromethane	118	CHCl3	000067-66-3	59





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

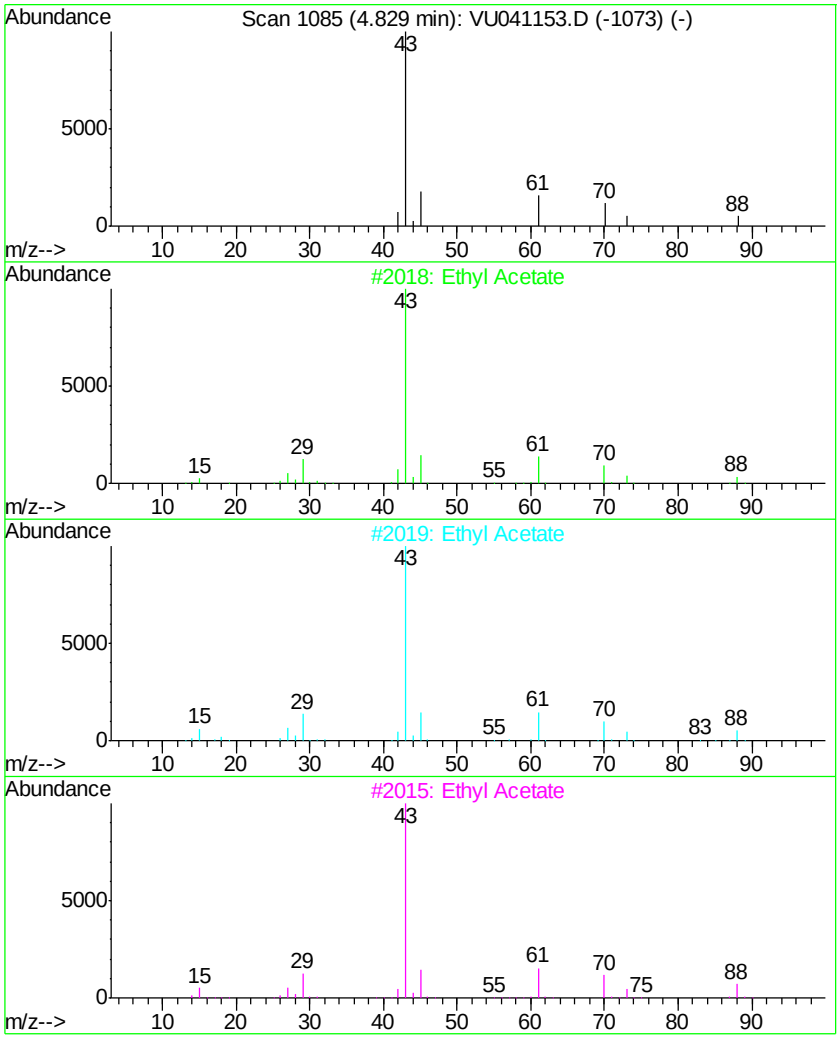
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

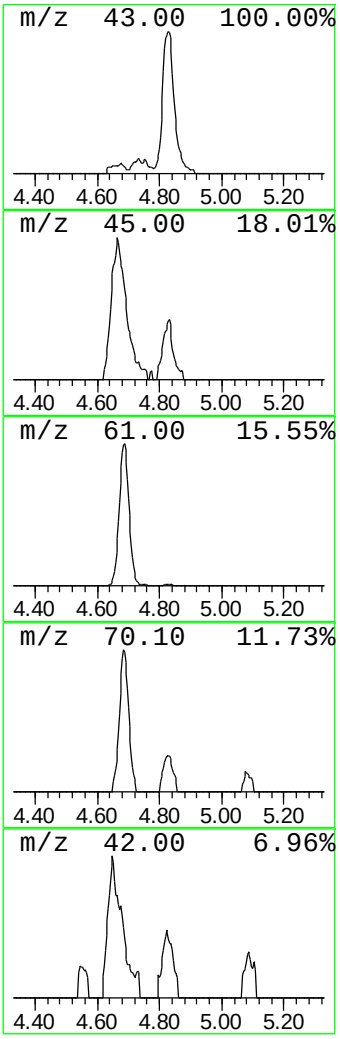
****

Peak Number 4 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.83 ug/L	21387	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





Tentatively Identified Compound (LSC) summary

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 2-chloro-...	1.68	1.1	ug/L	28500	1	6.26	129532	5.0
(DEL) Alkane: Str...	2.01	0.7	ug/L	18000	1	6.26	129532	5.0
Ethane, 2,2-dichl...	2.43	2.3	ug/L	59303	1	6.26	129532	5.0
Ethyl Acetate	4.83	0.8	ug/L	21387	1	6.26	129532	5.0