LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

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\SOMUTR050720WMA.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	1.369	3	9	18	rBV	115171	116775	7.55%	0.788%
2	1.610	75	84	97	rBV	215180	235964	15.26%	1.593%
3	1.928	174	183	194	rBV	172400	220079	14.23%	1.486%
4	2.591	375	389	401	rBV	291390	478605	30.95%	3.231%
5	2.652	401	408	422	rVB2	13846	24681	1.60%	0.167%
6	2.784	436	449	475	rBV	61800	117381	7.59%	0.793%
7	3.076	529	540	551	rBV3	12038	22282	1.44%	0.150%
8	3.218	569	584	603	rVB2	24294	57693	3.73%	0.390%
9	3.401	627	641	655	rBV3	15306	37486	2.42%	0.253%
10	3.912	788	800	812	rVB2	8092	18960	1.23%	0.128%
11	4.665	1015	1034	1074	rBV3	307117	848406	54.86%	5.728%
12	4.841	1075	1089	1111	rVB	165196	356480	23.05%	2.407%
13	5.102	1153	1170	1196	rBV3	268848	667227	43.14%	4.505%
14	5.423	1257	1270	1285	rVB3	19235	43060	2.78%	0.291%
15	5.758	1351	1374	1397	rBV2	527676	1351859	87.41%	9.127%
16	6.279	1516	1536	1556	rBV	457776	876708	56.69%	5.919%
17	6.571	1615	1627	1639	rBV6	17866	37098	2.40%	0.250%
18	6.722	1656	1674	1696	rBV	326902	642196	41.52%	4.336%
19	7.066	1769	1781	1801	rBV	142901	246044	15.91%	1.661%
20	7.590	1927	1944	1960	rBV	167760	290787	18.80%	1.963%
21	7.922	2033	2047	2080	rBV	654686	1177173	76.11%	7.948%
22	8.201	2122	2134	2149	rBV	101598	168778	10.91%	1.140%
23	8.574	2236	2250	2264	rBV	899963	1546584	100.00%	10.442%
24	8.655	2264	2275	2318	rVB	795816	1540848	99.63%	10.403%
25	9.436	2503	2518	2540	rBV	658588	1119701	72.40%	7.560%
26	10.770	2921	2933	2948	rBV	226470	362748	23.45%	2.449%
27	11.825	3248	3261	3279	rBV	663463	1081718	69.94%	7.304%
28	12.082	3327	3341	3355	rBV4	8113	17624	1.14%	0.119%
29	12.204	3364	3379	3399	rVB	607099	983710	63.61%	6.642%
30	17.375	4976	4987	5001	rBV2	65318	122258	7.91%	0.825%

Sum of corrected areas: 14810913

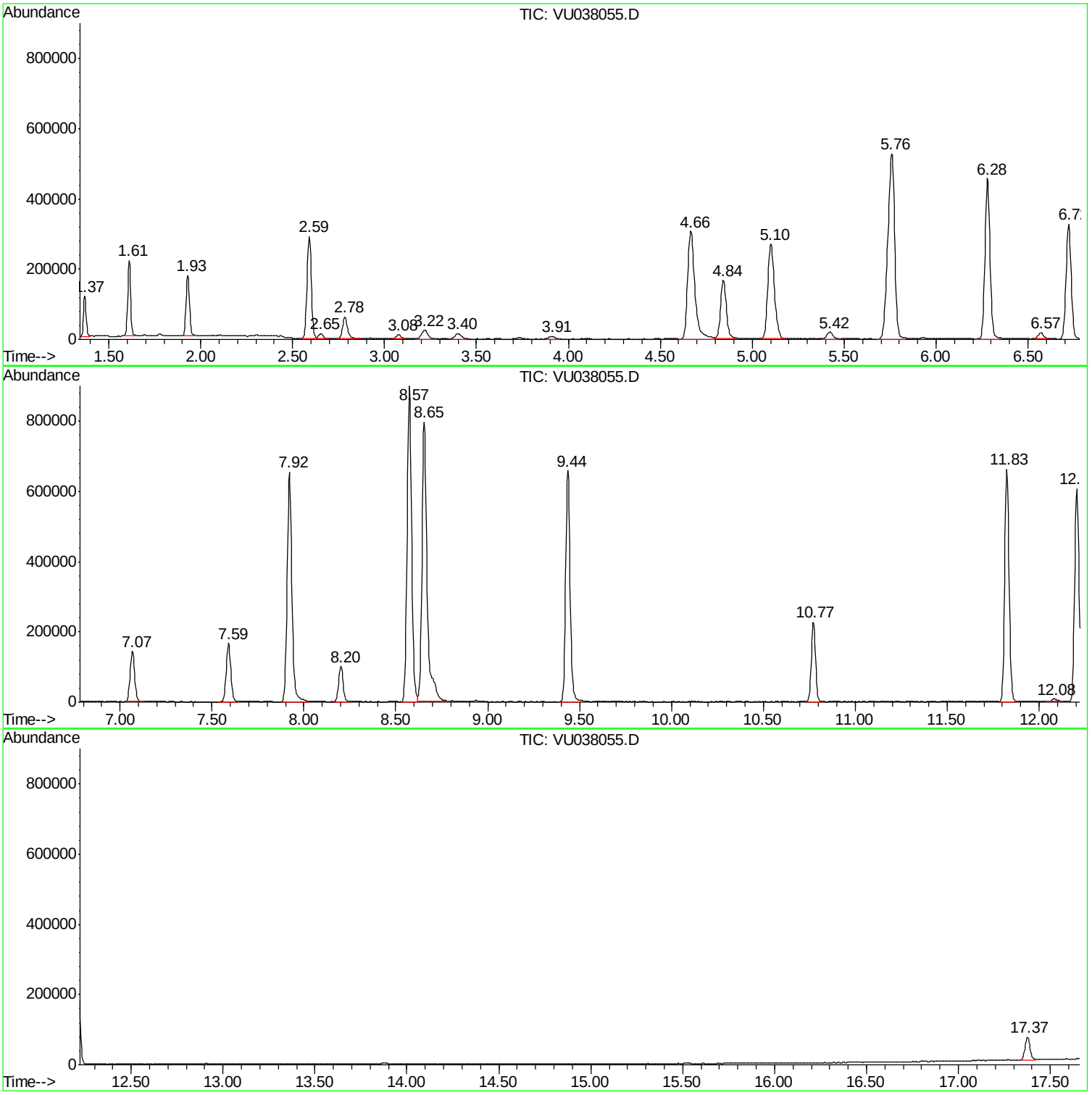
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

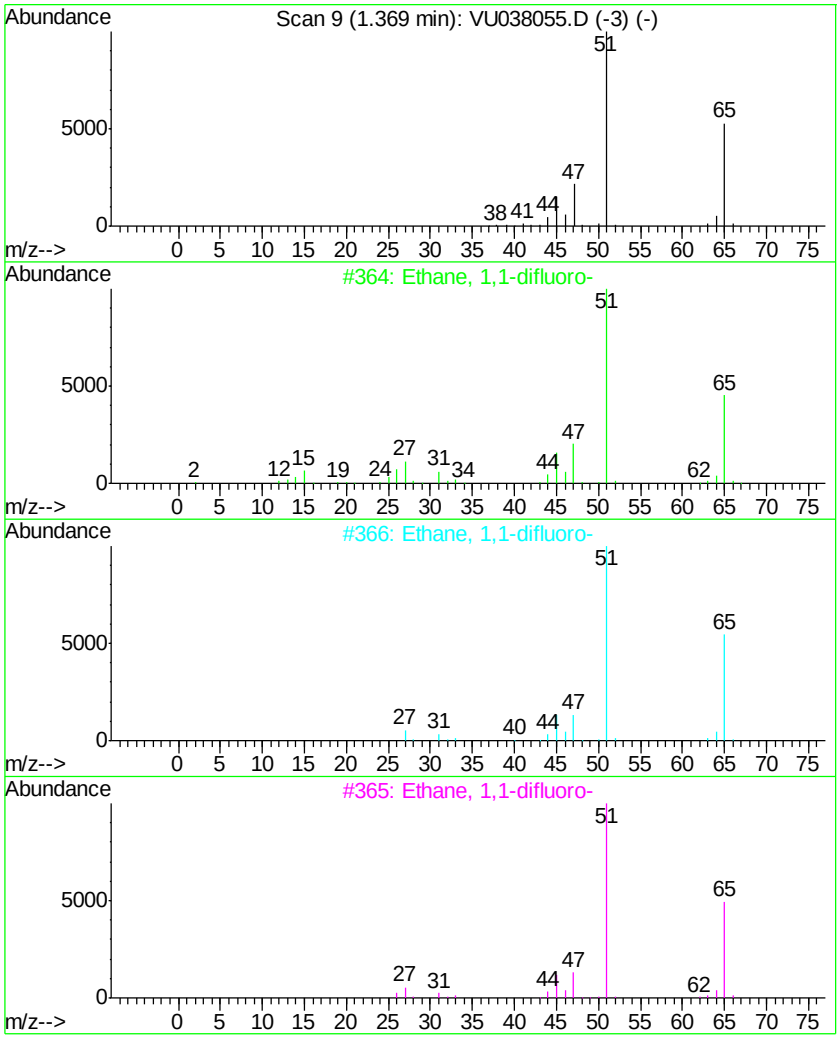
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

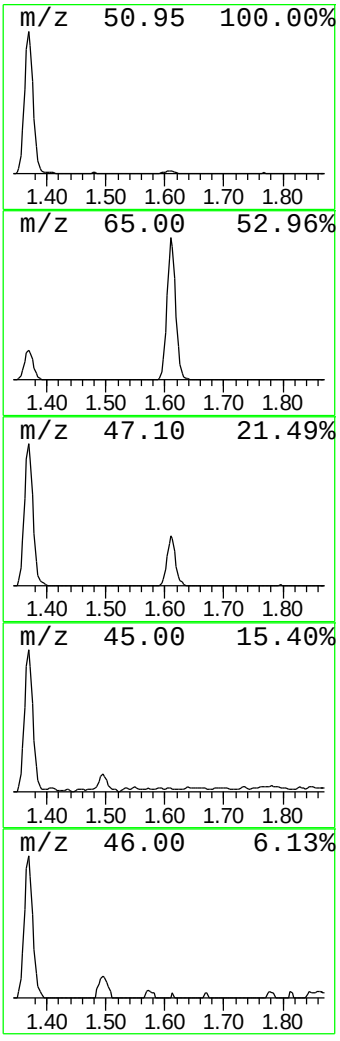
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.67 ug/L	116775	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

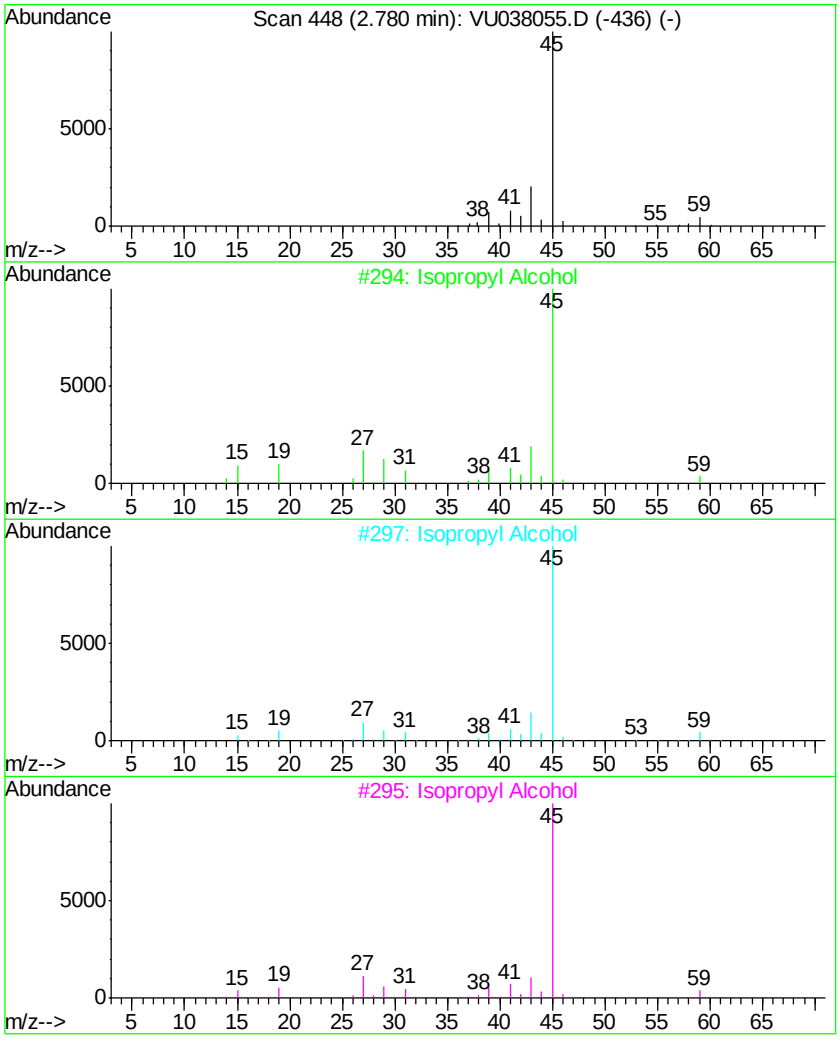
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

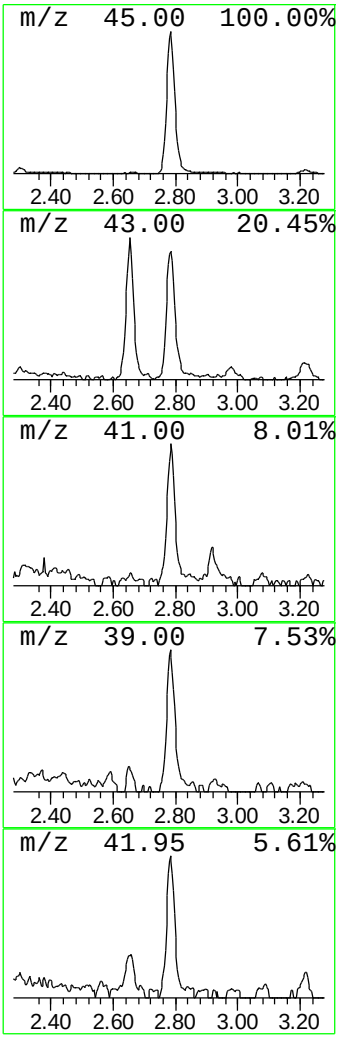
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.67 ug/L	117381	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

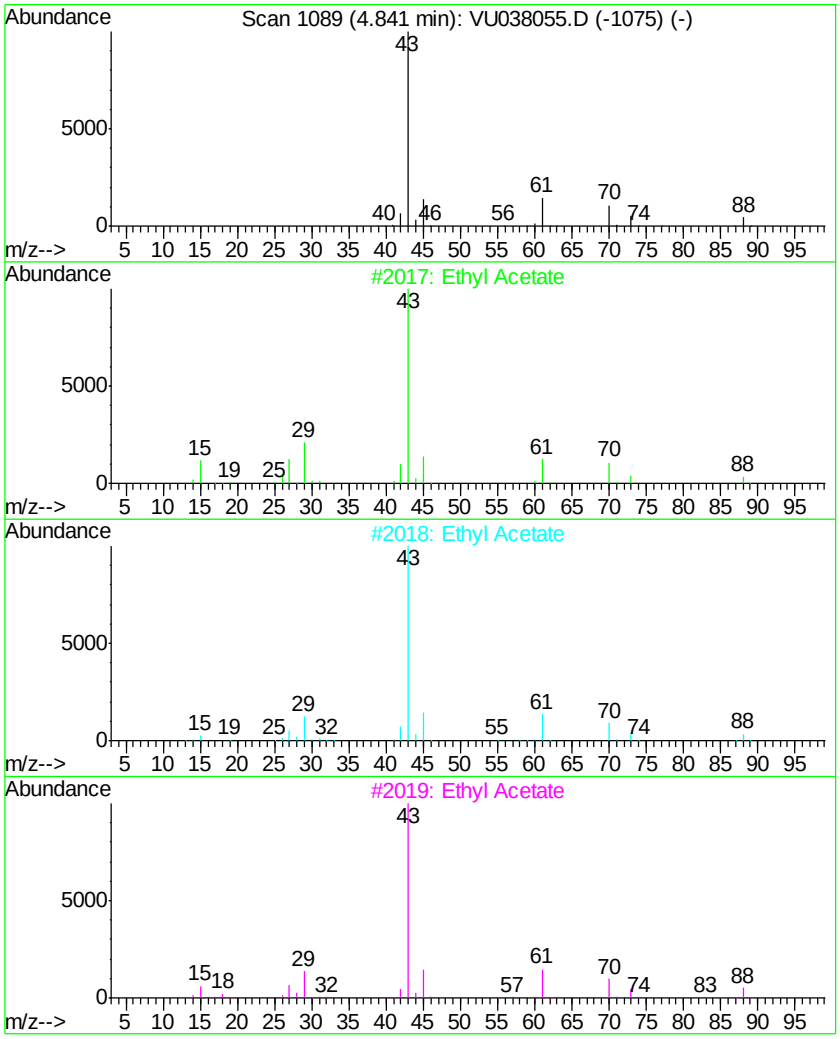
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

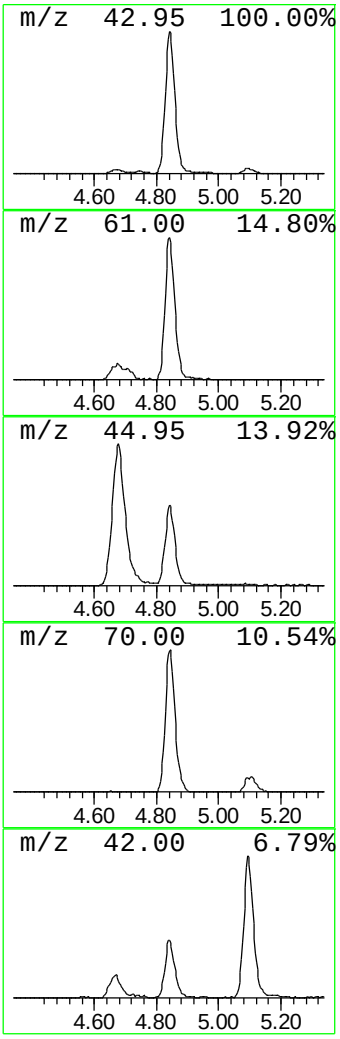
****

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.03 ug/L	356480	1,4-Difluorobenzene	6.28

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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

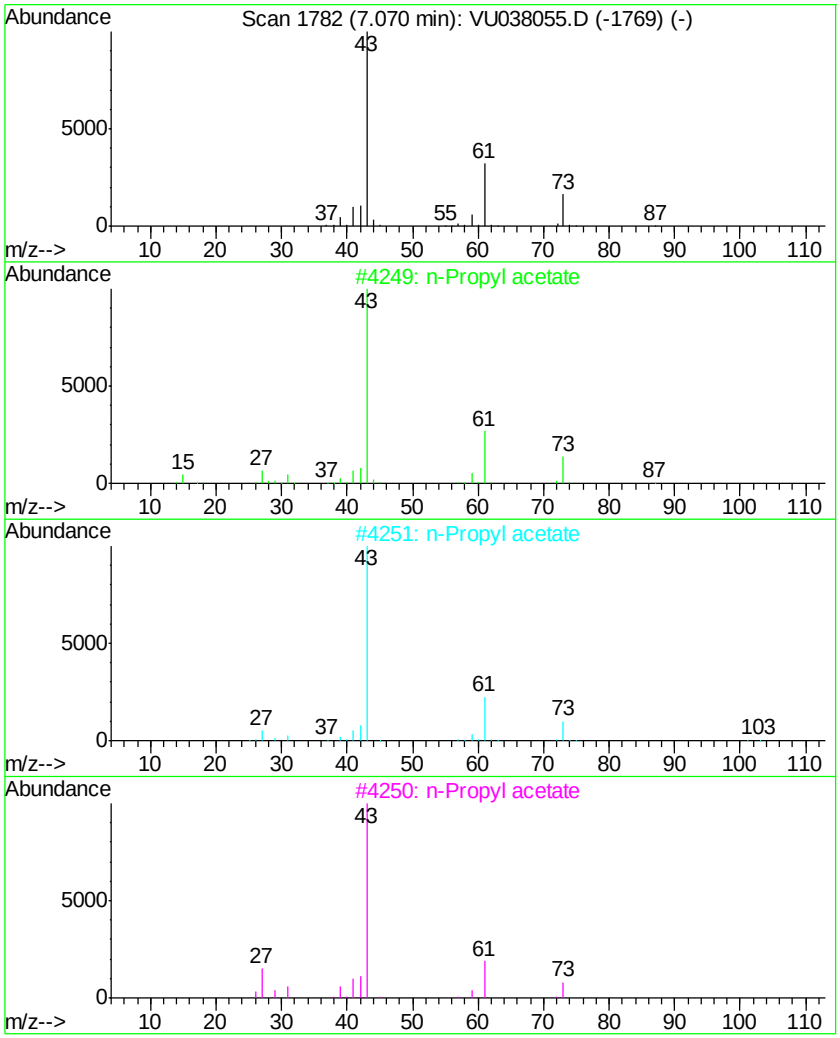
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

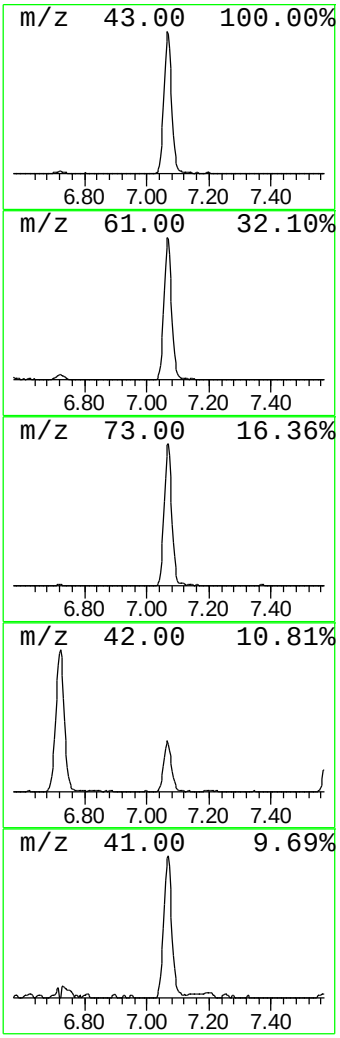
****

Peak Number 4 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.40 ug/L	246044	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

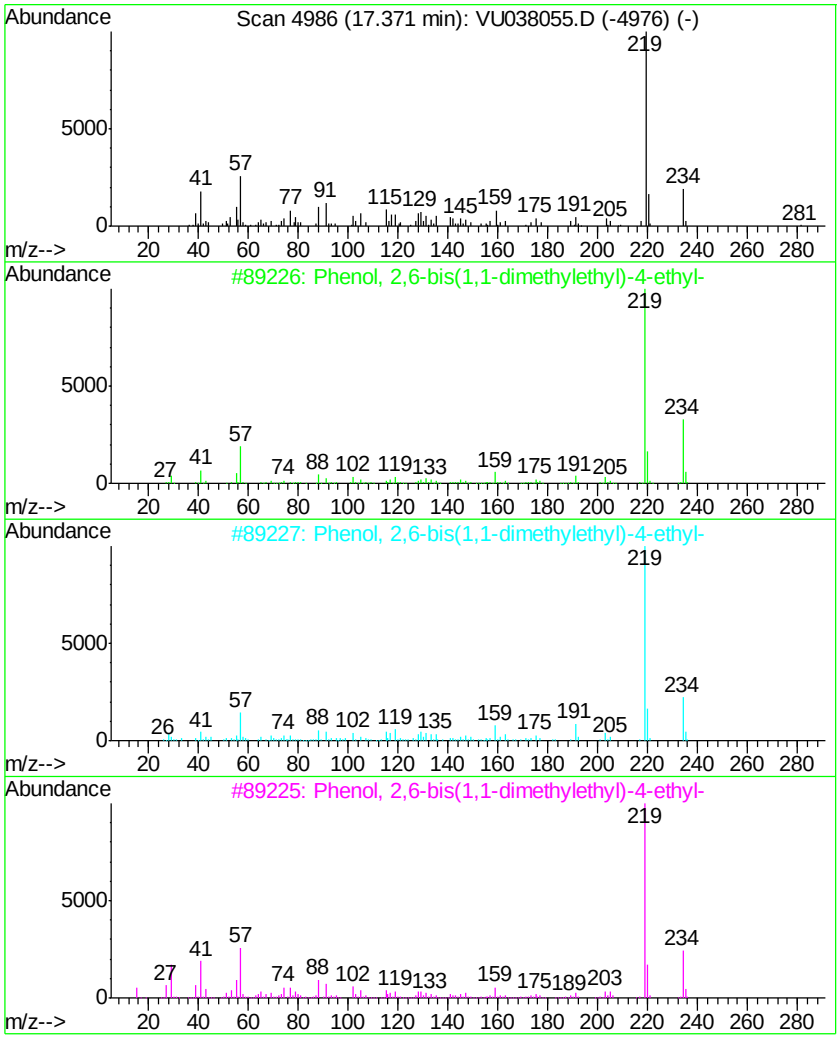
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

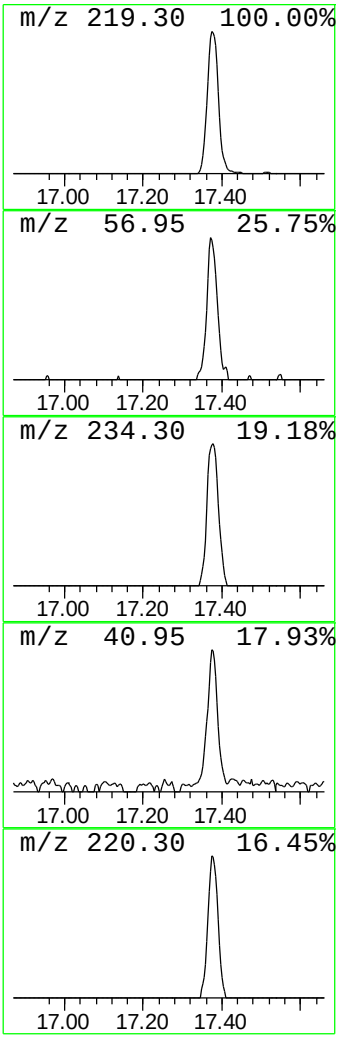
****

Peak Number 6 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	0.57 ug/L	122258	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	96
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	81
5	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.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, 1,1-diflu...	1.37	0.7	ug/L	116775	1	6.28	876708	5.0
Isopropyl Alcohol	2.78	0.7	ug/L	117381	1	6.28	876708	5.0
Ethyl Acetate	4.84	2.0	ug/L	356480	1	6.28	876708	5.0
n-Propyl acetate	7.07	1.4	ug/L	246044	1	6.28	876708	5.0
Phenol, 2,6-bis(1...	17.37	0.6	ug/L	122258	3	11.82	1081720	5.0