LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038430.D
Acq On : 30 May 2020 21:48
Operator : JC/MD
Sample : L2787-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX88

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\SOMUTR053120WMA.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	20	rBV	87302	87221	5.49%	0.744%
2	1.613	73	85	96	rBV	155499	189216	11.91%	1.615%
3	1.932	175	184	196	rBV	118456	149900	9.43%	1.279%
4	2.591	377	389	404	rBV	247870	406965	25.61%	3.473%
5	2.674	406	415	429	rVB3	8079	20381	1.28%	0.174%
6	3.395	624	639	658	rVB2	15672	35206	2.22%	0.300%
7	3.735	731	745	759	rBV4	15724	35399	2.23%	0.302%
8	4.575	989	1006	1021	rBV5	25004	60603	3.81%	0.517%
9	4.674	1021	1037	1075	rBV	224493	665586	41.88%	5.680%
10	4.845	1075	1090	1115	rVB	167866	388993	24.48%	3.320%
11	5.102	1149	1170	1192	rBV2	261412	588220	37.02%	5.020%
12	5.761	1352	1375	1410	rBV2	437914	1157619	72.85%	9.879%
13	6.279	1518	1536	1574	rBV	385908	754718	47.49%	6.441%
14	6.571	1614	1627	1639	rBV5	23044	46826	2.95%	0.400%
15	6.722	1659	1674	1694	rBV	268154	525073	33.04%	4.481%
16	7.066	1768	1781	1798	rBV	208985	372376	23.43%	3.178%
17	7.591	1930	1944	1959	rBV2	140276	249298	15.69%	2.127%
18	7.922	2032	2047	2064	rBV	522889	922781	58.07%	7.875%
19	8.201	2121	2134	2151	rBV	92143	156015	9.82%	1.331%
20	8.655	2261	2275	2314	rBV	860677	1589080	100.00%	13.561%
21	9.436	2504	2518	2543	rBV	559961	948218	59.67%	8.092%
22	10.771	2920	2933	2950	rBV	223159	360967	22.72%	3.080%
23	11.825	3248	3261	3277	rBV	598160	947003	59.59%	8.081%
24	12.079	3329	3340	3352	rBV6	8226	17080	1.07%	0.146%
25	12.205	3366	3379	3394	rBV	559875	891881	56.13%	7.611%
26	17.384	4979	4990	5008	rBV3	80342	151615	9.54%	1.294%

Sum of corrected areas: 11718240

LSC Report - Integrated Chromatogram

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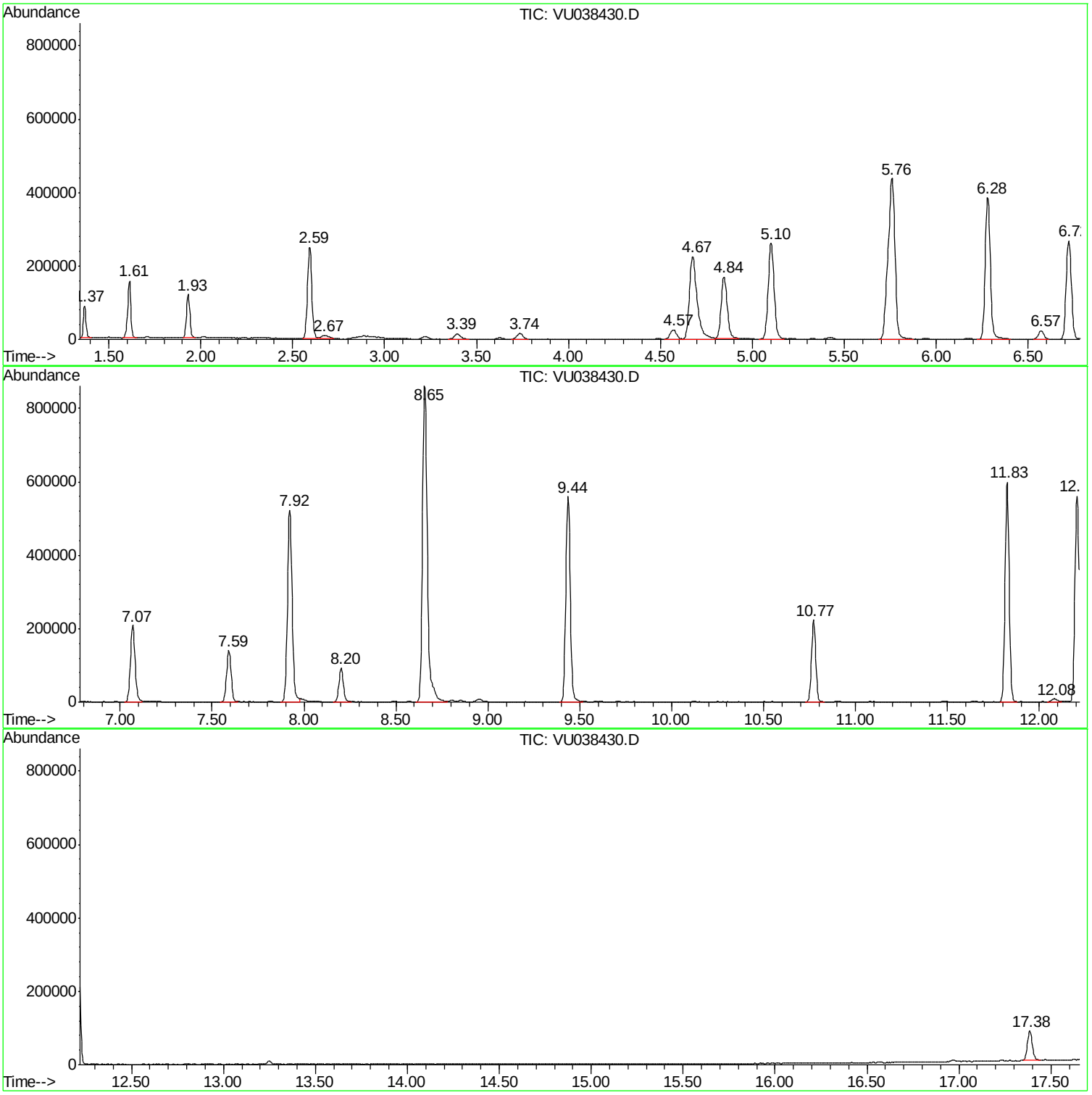
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038430.D
Acq On : 30 May 2020 21:48
Operator : JC/MD
Sample : L2787-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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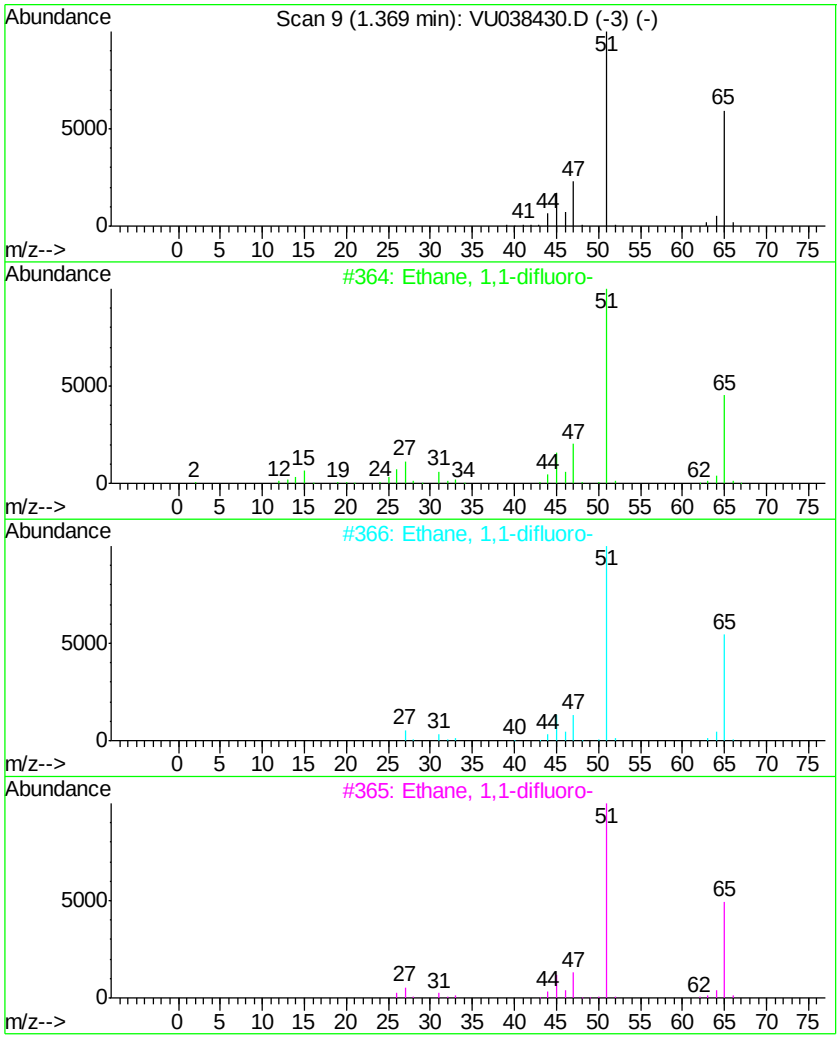
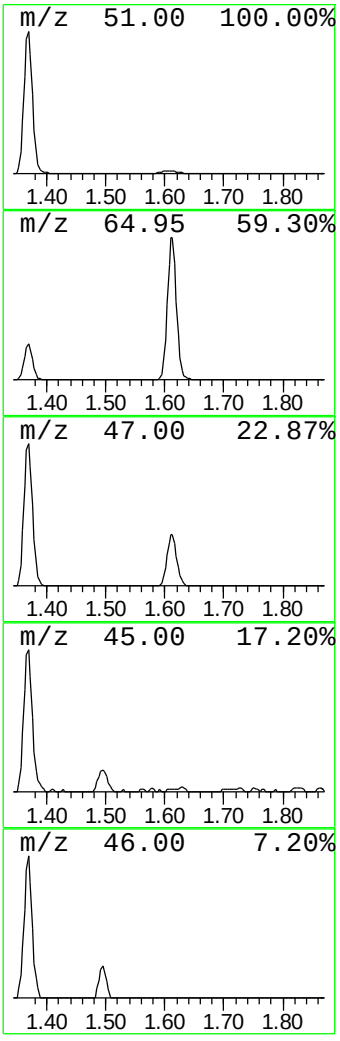
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.58 ug/L	87221	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	30
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





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Data File : VU038430.D
Acq On : 30 May 2020 21:48
Operator : JC/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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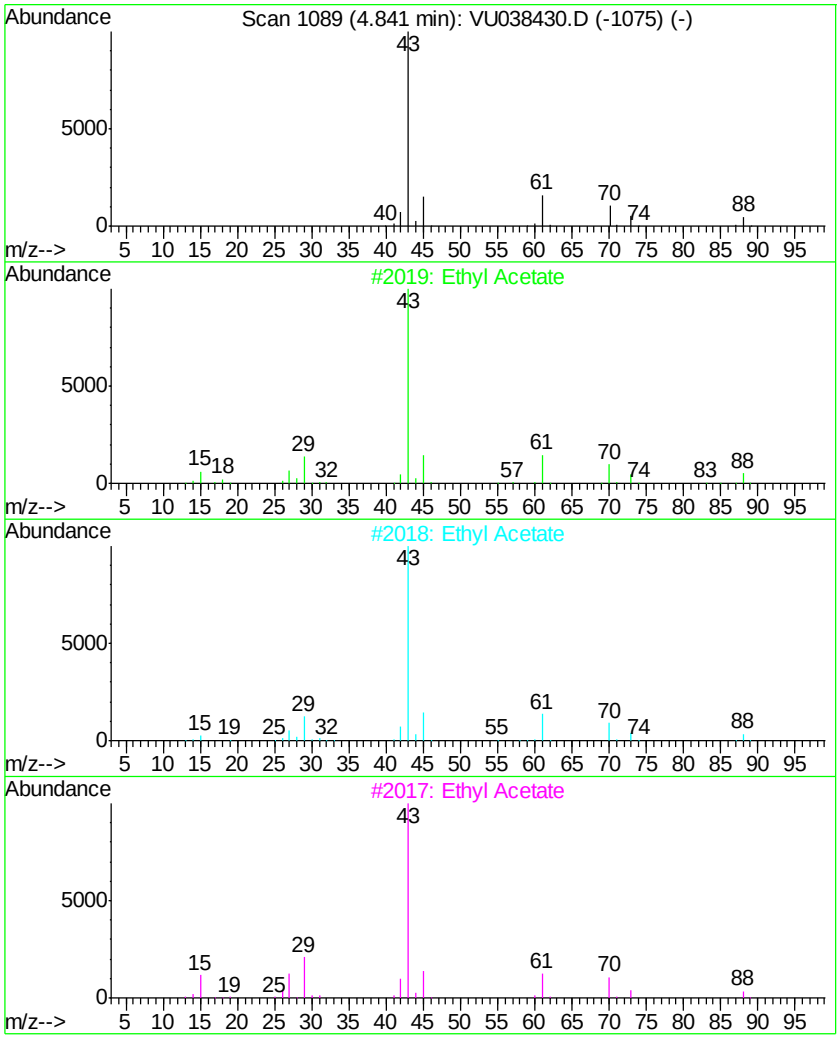
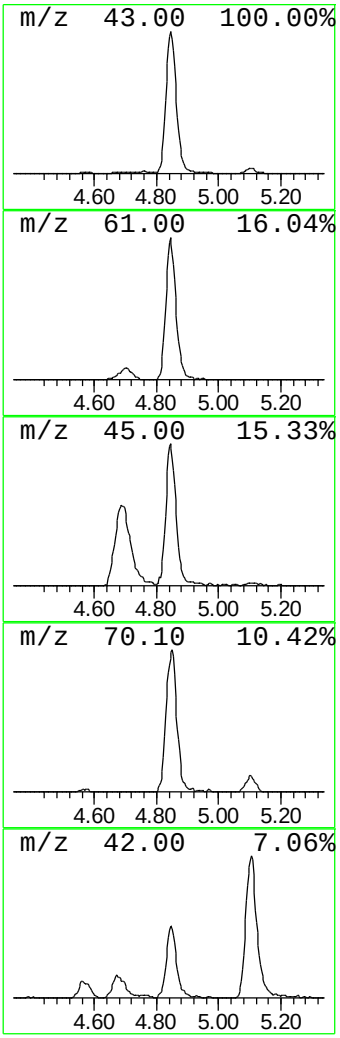
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.58 ug/L	388993	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038430.D
Acq On : 30 May 2020 21:48
Operator : JC/MD
Sample : L2787-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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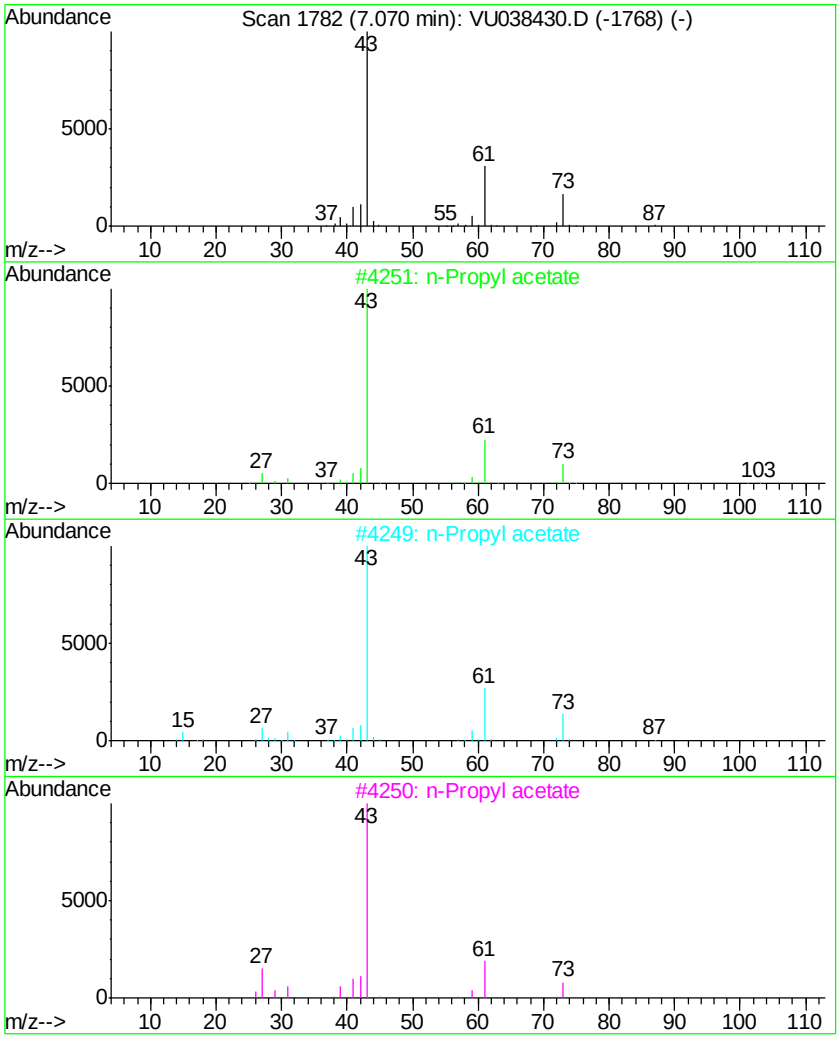
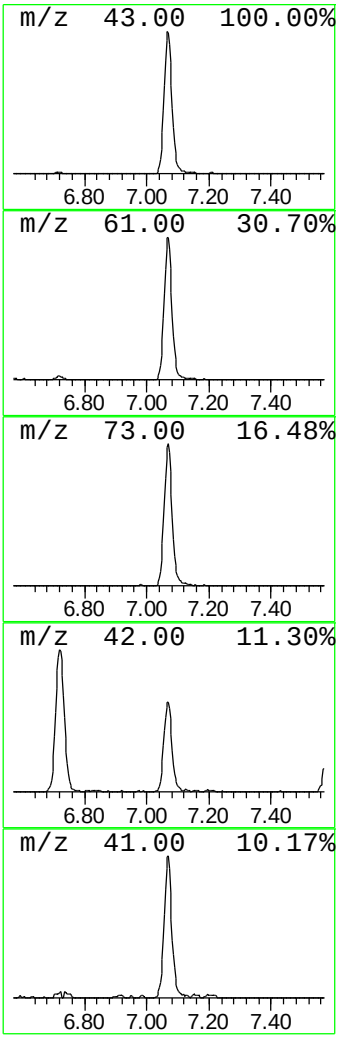
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.47 ug/L	372376	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	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isobutylamine	73	C4H11N	000078-81-9	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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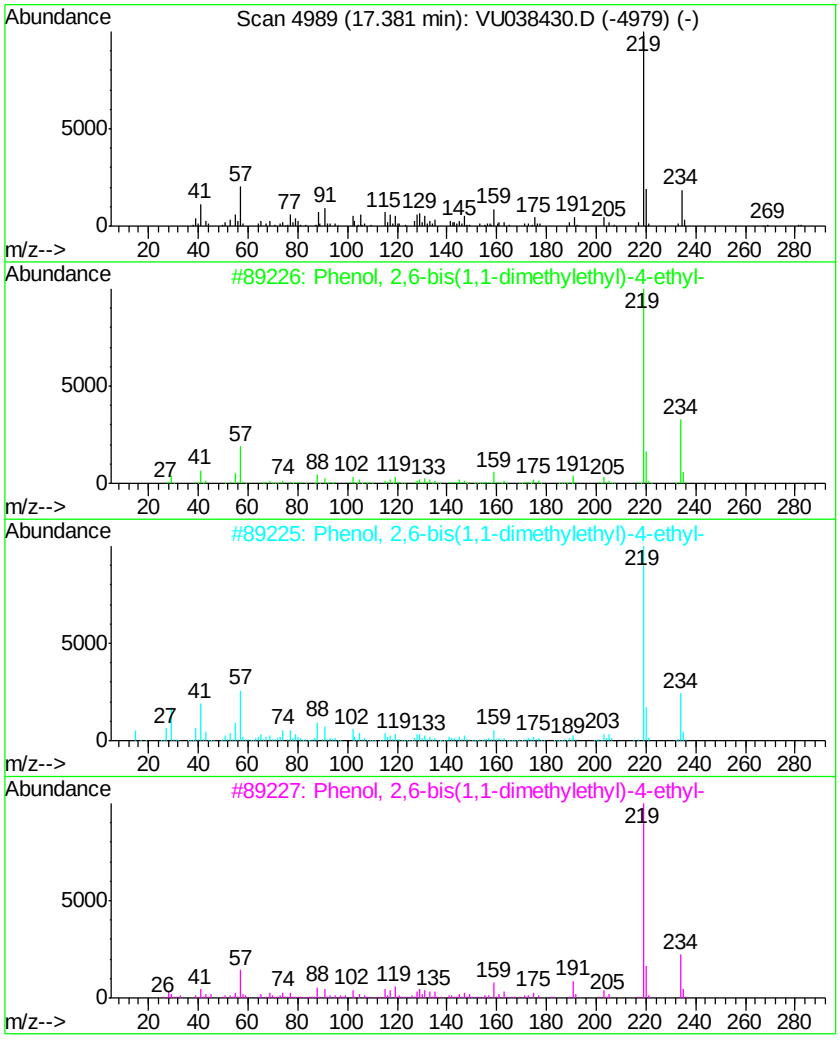
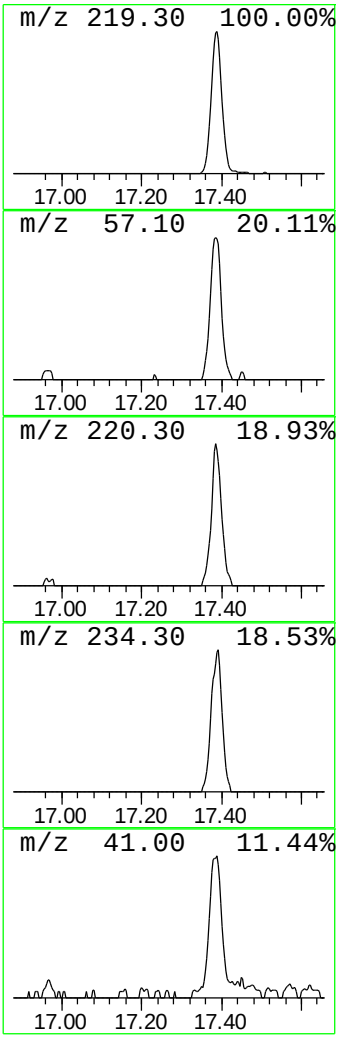
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.80 ug/L	151615	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	95
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	94
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
5	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038430.D
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Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId : BFX88

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.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	0.6	ug/L	87221	1	6.28	754718	5.0
Ethyl Acetate	4.84	2.6	ug/L	388993	1	6.28	754718	5.0
n-Propyl acetate	7.07	2.5	ug/L	372376	1	6.28	754718	5.0
Phenol, 2,6-bis(1...	17.38	0.8	ug/L	151615	3	11.83	947003	5.0