LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038429.D
Acq On : 30 May 2020 21:24
Operator : JC/MD
Sample : L2787-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX87

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	19	rBV	95668	93474	6.10%	0.812%
2	1.613	75	85	99	rVB	144962	168534	11.00%	1.464%
3	1.932	175	184	194	rBV	116738	150287	9.81%	1.305%
4	2.594	377	390	404	rBV	246470	409048	26.70%	3.552%
5	2.671	406	414	435	rVB2	11203	31300	2.04%	0.272%
6	2.871	453	476	479	rBV3	8338	25138	1.64%	0.218%
7	3.398	625	640	657	rVB4	14232	34691	2.26%	0.301%
8	3.739	731	746	759	rBV3	18039	40488	2.64%	0.352%
9	3.912	782	800	818	rVB2	31191	72351	4.72%	0.628%
10	4.568	987	1004	1020	rBV4	23826	58843	3.84%	0.511%
11	4.678	1020	1038	1076	rVV	214478	634969	41.45%	5.514%
12	4.845	1076	1090	1117	rVB2	176954	407677	26.61%	3.540%
13	5.102	1154	1170	1194	rBV	255340	572845	37.40%	4.974%
14	5.423	1257	1270	1285	rVB4	7029	15960	1.04%	0.139%
15	5.761	1353	1375	1406	rBV2	430827	1137388	74.25%	9.877%
16	6.282	1522	1537	1558	rBV	378004	725439	47.36%	6.300%
17	6.722	1657	1674	1693	rBV	269258	524052	34.21%	4.551%
18	7.067	1768	1781	1804	rBV	185435	333169	21.75%	2.893%
19	7.591	1929	1944	1969	rBV	138838	246086	16.06%	2.137%
20	7.922	2031	2047	2084	rBV	515072	920673	60.10%	7.995%
21	8.202	2121	2134	2152	rBV	88244	147413	9.62%	1.280%
22	8.655	2261	2275	2316	rBV	836363	1531869	100.00%	13.302%
23	8.951	2356	2367	2383	rVB2	9791	20183	1.32%	0.175%
24	9.436	2505	2518	2539	rBV	540491	917107	59.87%	7.964%
25	10.771	2922	2933	2948	rVB	218250	354007	23.11%	3.074%
26	11.825	3247	3261	3280	rVB	584758	920179	60.07%	7.991%
27	12.082	3331	3341	3355	rBV7	8176	16750	1.09%	0.145%
28	12.205	3366	3379	3395	rBV	545410	871551	56.89%	7.568%
29	17.384	4979	4990	5001	rBV2	71439	134184	8.76%	1.165%

Sum of corrected areas: 11515655

LSC Report - Integrated Chromatogram

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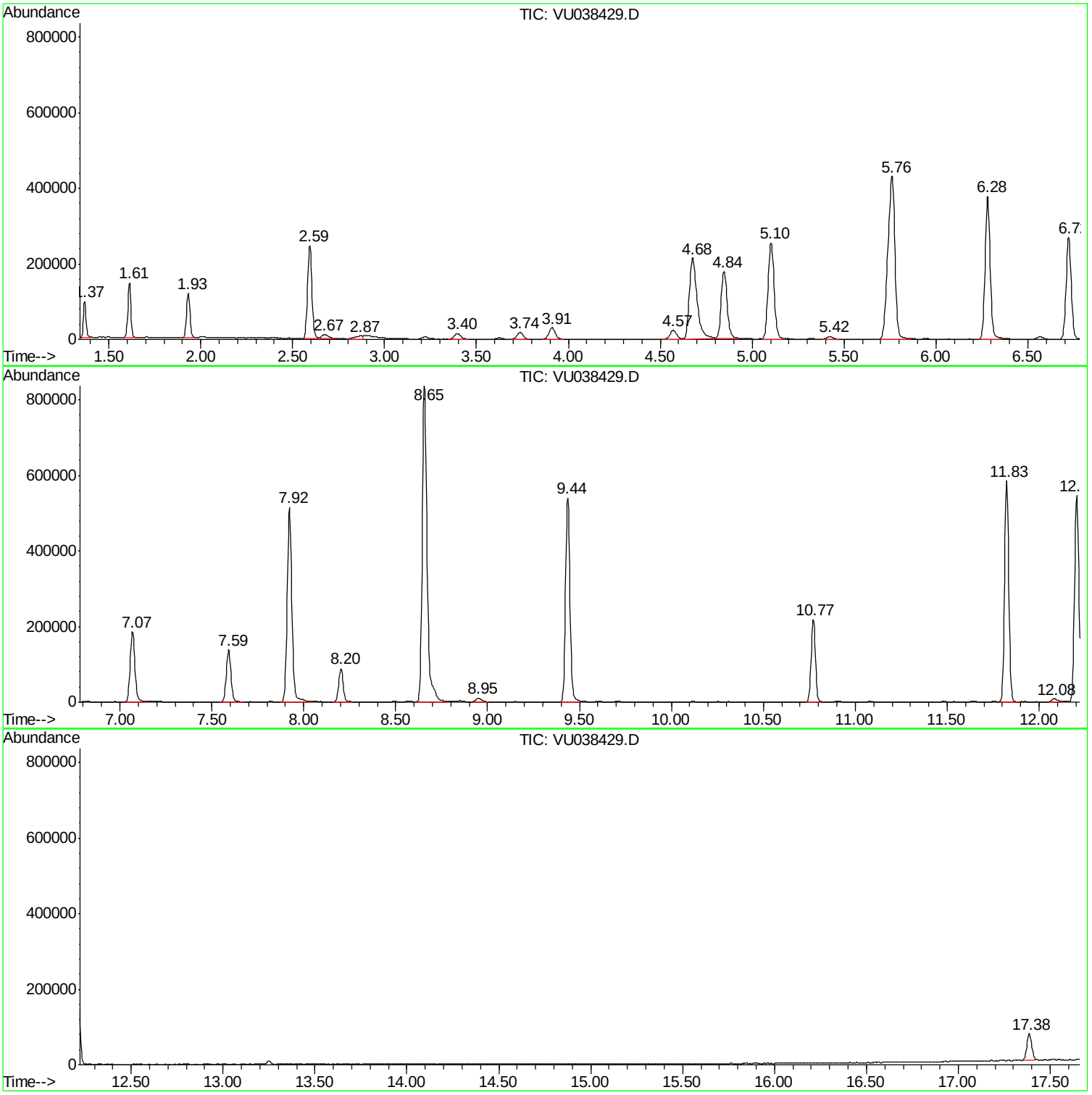
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX87

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038429.D
Acq On : 30 May 2020 21:24
Operator : JC/MD
Sample : L2787-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX87

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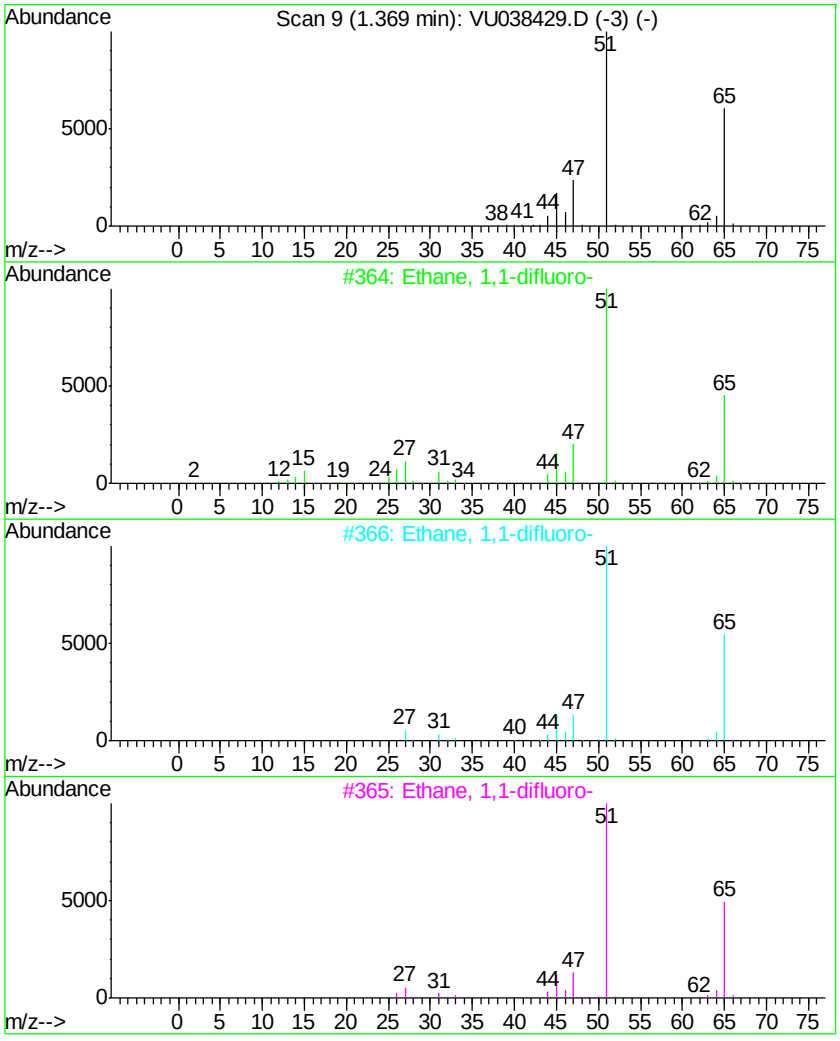
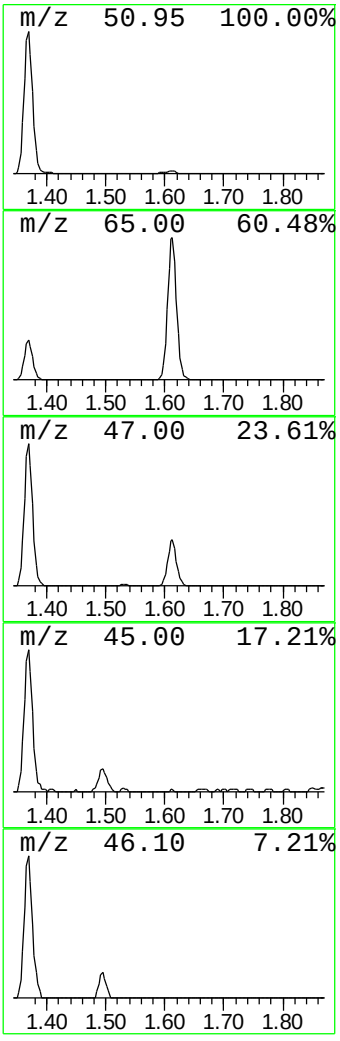
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.64 ug/L	93474	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





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Data File : VU038429.D
Acq On : 30 May 2020 21:24
Operator : JC/MD
Sample : L2787-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX87

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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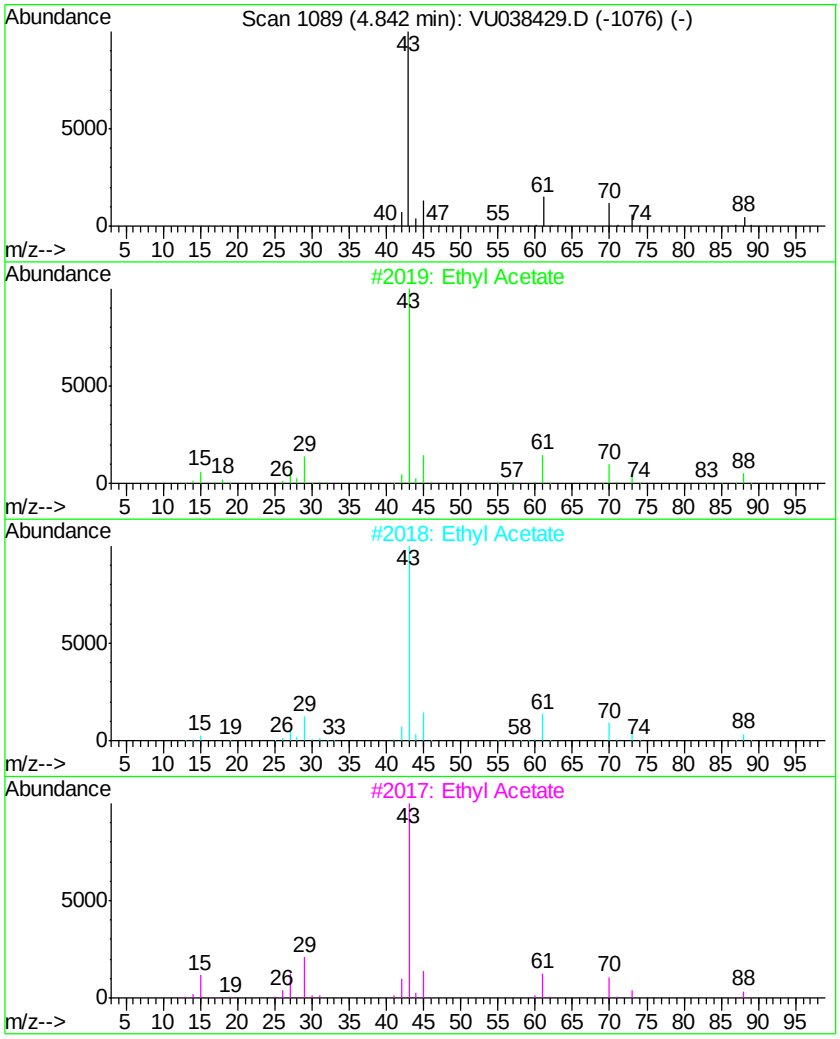
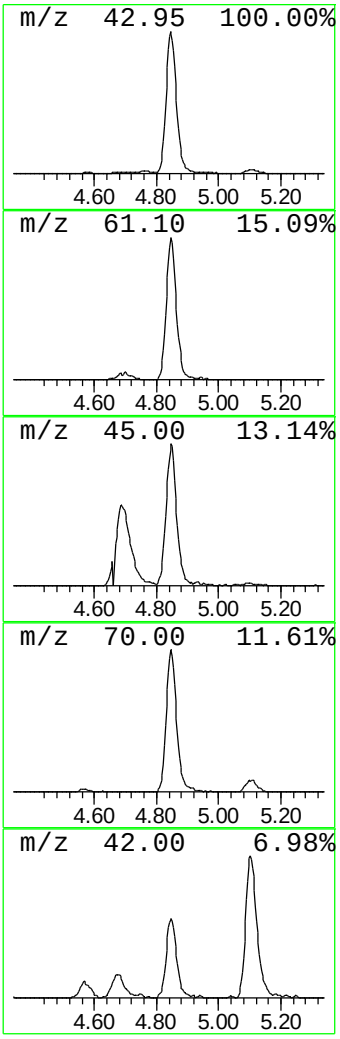
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.81 ug/L	407677	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	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
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Sample : L2787-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX87

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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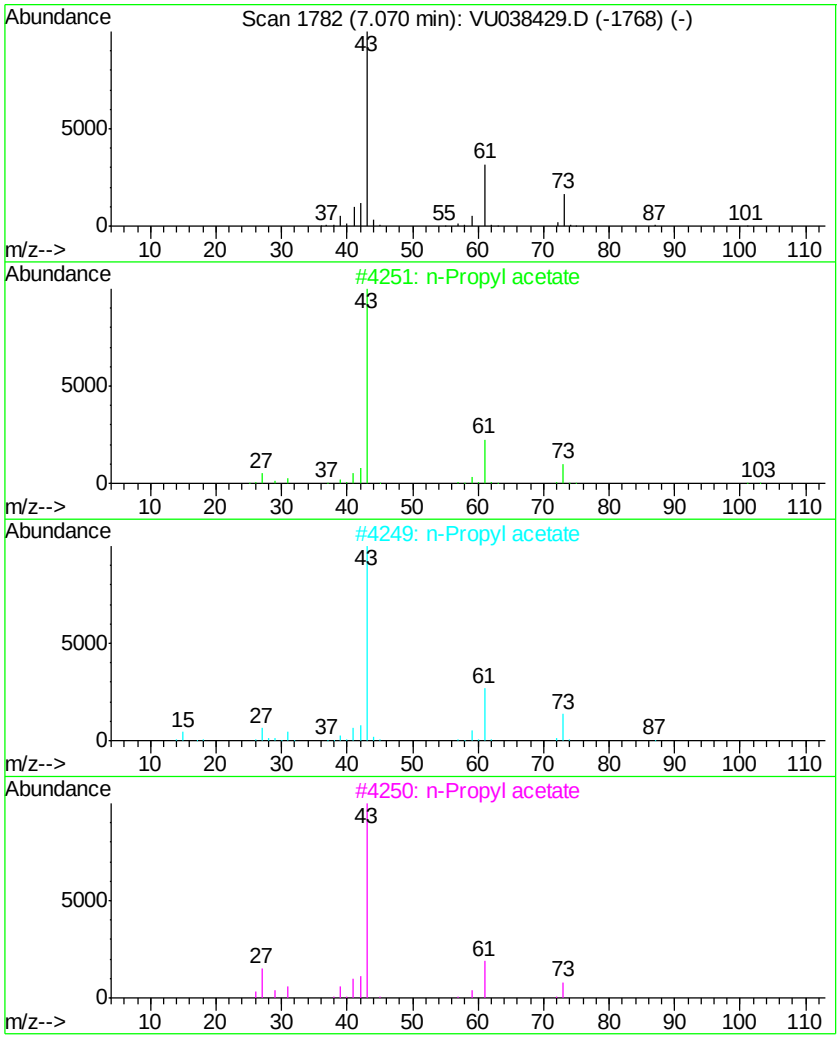
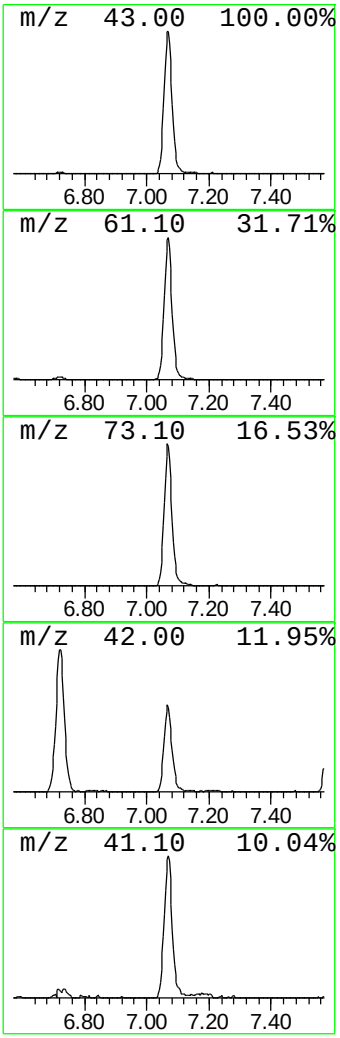
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.30 ug/L	333169	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	50
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	33





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX87

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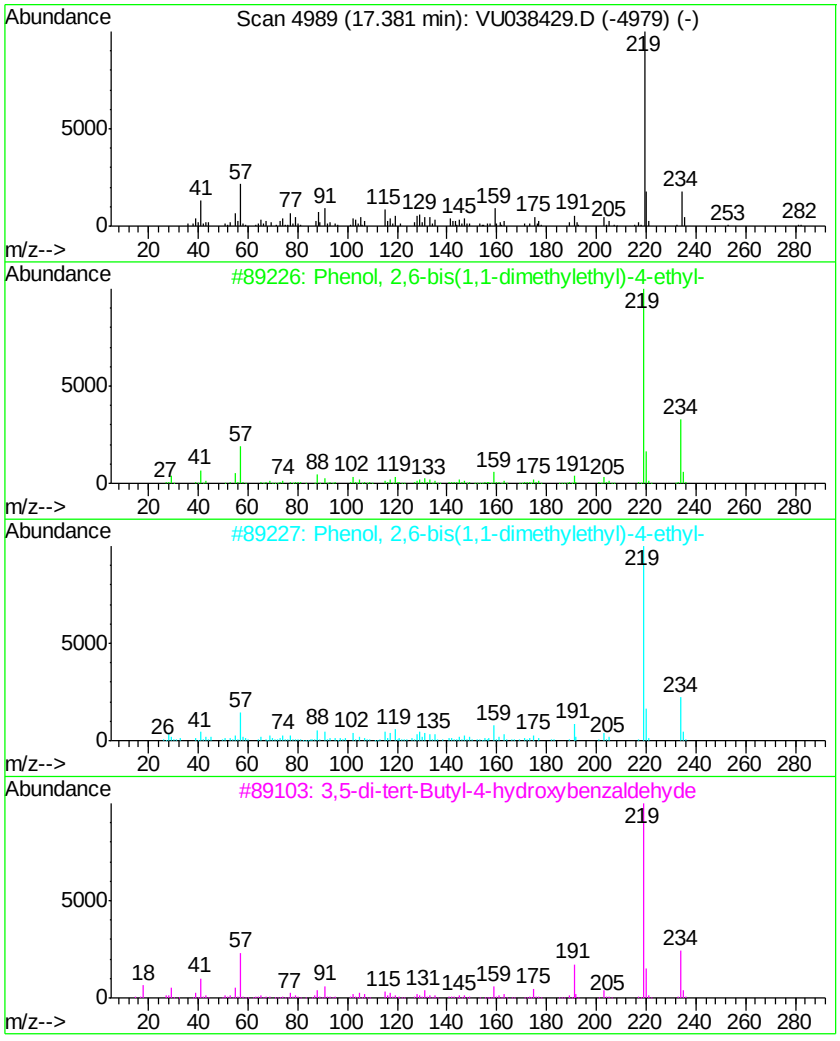
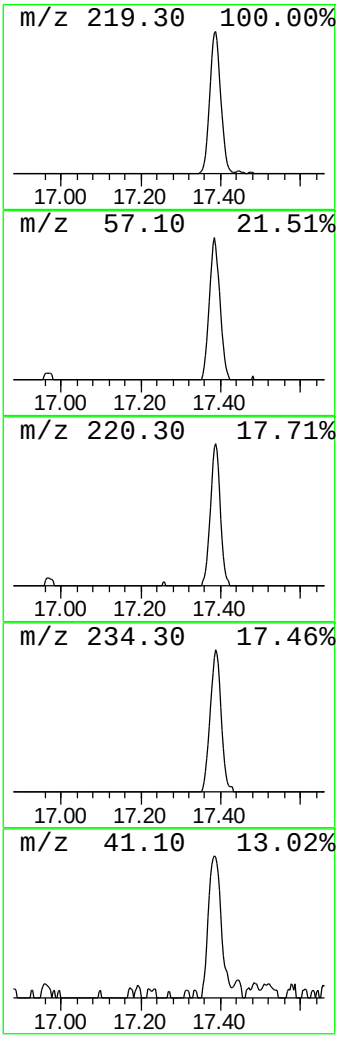
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.73 ug/L	134184	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	96
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	92
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
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ClientSampleId : BFX87

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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	93474	1	6.28	725439	5.0
Ethyl Acetate	4.84	2.8	ug/L	407677	1	6.28	725439	5.0
n-Propyl acetate	7.07	2.3	ug/L	333169	1	6.28	725439	5.0
Phenol, 2,6-bis(1...	17.38	0.7	ug/L	134184	3	11.83	920179	5.0