LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061220\
Data File : VU038818.D
Acq On : 11 Jun 2020 12:43
Operator : SY/MD
Sample : L2789-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX78

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	21	rVB	76786	76512	5.05%	0.679%
2	1.610	72	84	96	rBV2	145088	199290	13.16%	1.769%
3	1.932	175	184	195	rVB	109200	139834	9.24%	1.241%
4	2.591	372	389	404	rBV2	246423	420136	27.75%	3.730%
5	3.395	626	639	657	rVB3	14659	33038	2.18%	0.293%
6	3.736	729	745	767	rVB6	12469	29243	1.93%	0.260%
7	4.568	989	1004	1019	rBV4	24527	60774	4.01%	0.539%
8	4.681	1022	1039	1077	rBV	170771	632894	41.81%	5.618%
9	4.848	1077	1091	1124	rVB	108338	277569	18.34%	2.464%
10	5.102	1151	1170	1191	rBV	240620	566229	37.40%	5.026%
11	5.761	1352	1375	1408	rBV2	425116	1132771	74.83%	10.056%
12	6.279	1521	1536	1571	rBV	375807	735027	48.55%	6.525%
13	6.571	1612	1627	1646	rBV2	84829	163013	10.77%	1.447%
14	6.723	1659	1674	1694	rBV	259295	508137	33.57%	4.511%
15	7.067	1767	1781	1802	rBV	113346	217200	14.35%	1.928%
16	7.591	1931	1944	1959	rBV	137377	243016	16.05%	2.157%
17	7.922	2033	2047	2063	rBV	494448	886600	58.57%	7.870%
18	7.993	2064	2069	2078	rVB3	13779	23014	1.52%	0.204%
19	8.202	2120	2134	2149	rBV	89552	148298	9.80%	1.316%
20	8.491	2210	2224	2238	rVB	12572	21493	1.42%	0.191%
21	8.658	2262	2276	2316	rBV	805560	1513822	100.00%	13.438%
22	8.960	2358	2370	2389	rVB4	7694	20978	1.39%	0.186%
23	9.436	2504	2518	2554	rBV	543832	927711	61.28%	8.235%
24	10.771	2917	2933	2947	rBV	215753	344154	22.73%	3.055%
25	10.902	2959	2974	2985	rBV2	18551	28887	1.91%	0.256%
26	11.822	3248	3260	3280	rBV	587092	931142	61.51%	8.266%
27	12.079	3328	3340	3356	rBV2	9835	18548	1.23%	0.165%
28	12.205	3365	3379	3394	rVB	534558	855999	56.55%	7.599%
29	17.385	4980	4990	5002	rBV3	59741	109591	7.24%	0.973%

Sum of corrected areas: 11264920

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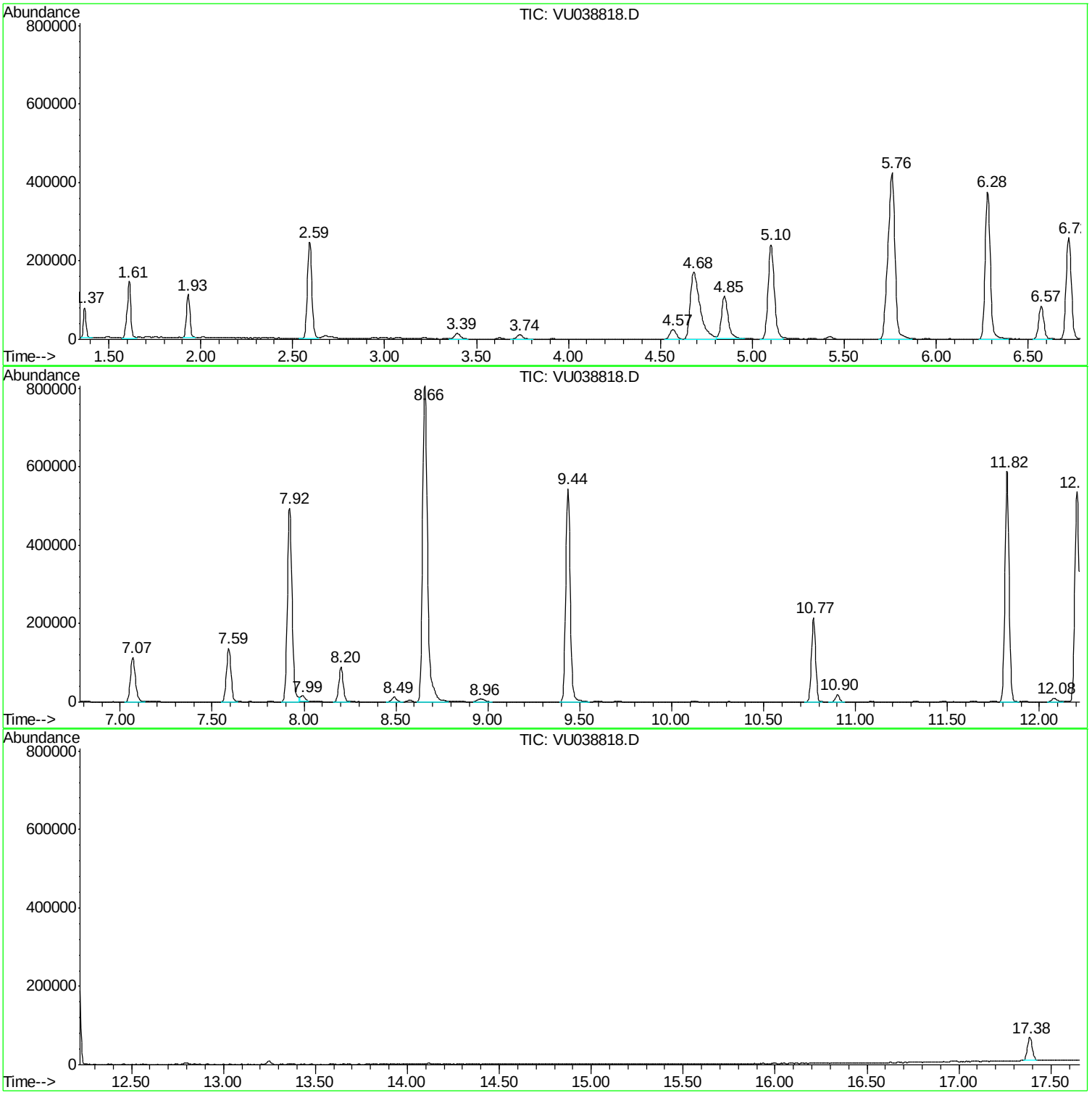
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX78

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\VU061220\
Data File : VU038818.D
Acq On : 11 Jun 2020 12:43
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Quant Title : TRACE VOA SOM01.0

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

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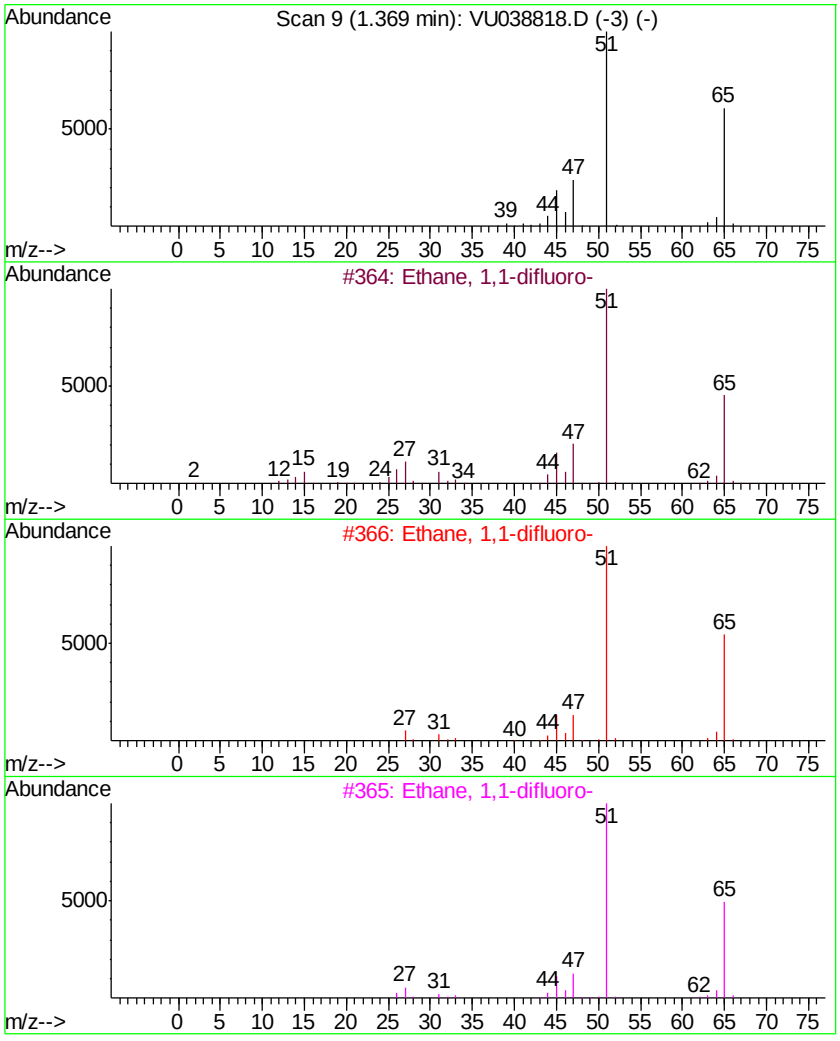
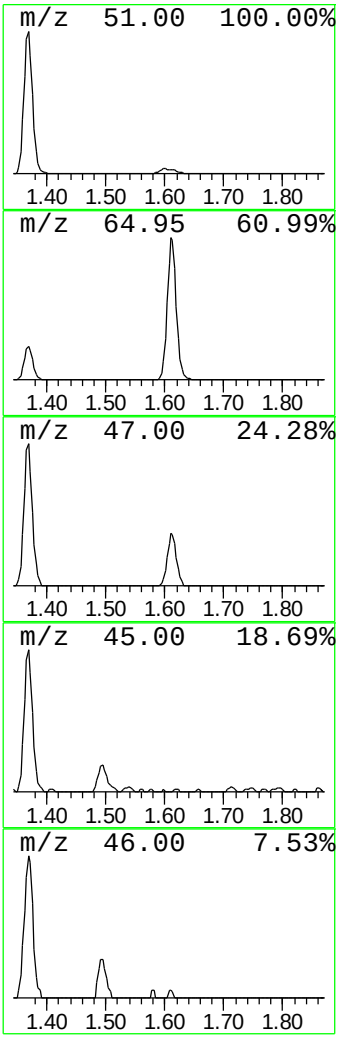
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.52 ug/L	76512	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

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Data File : VU038818.D
Acq On : 11 Jun 2020 12:43
Operator : SY/MD
Sample : L2789-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX78

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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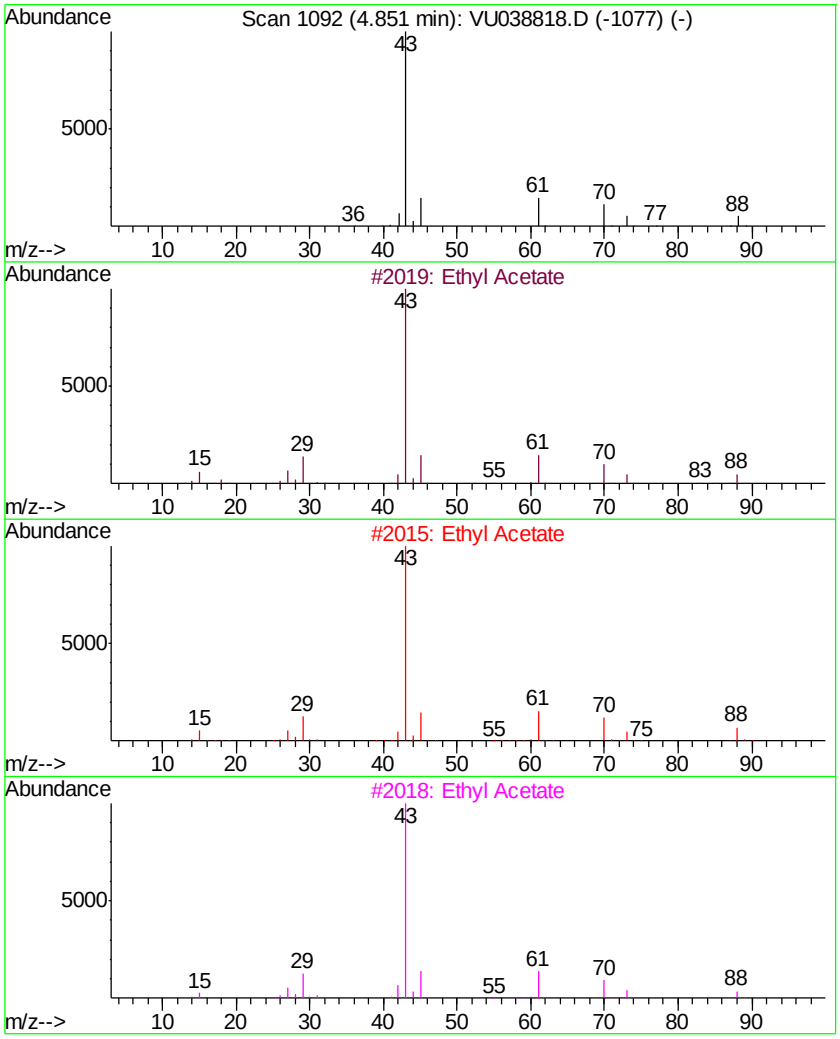
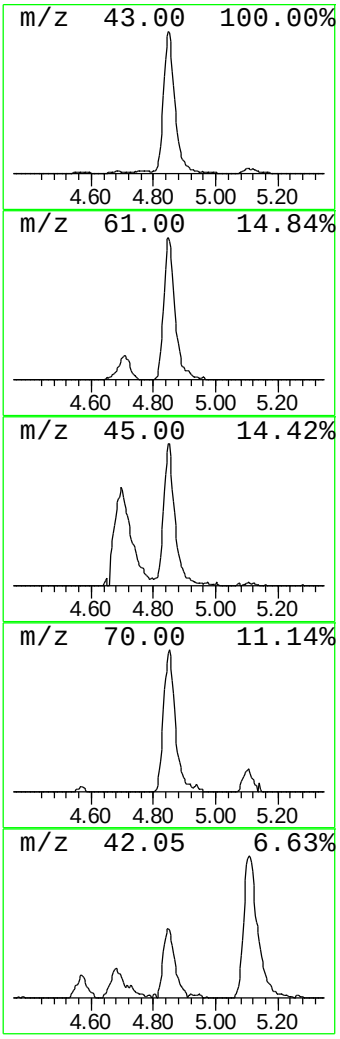
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	1.89 ug/L	277569	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	50
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061220\
Data File : VU038818.D
Acq On : 11 Jun 2020 12:43
Operator : SY/MD
Sample : L2789-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX78

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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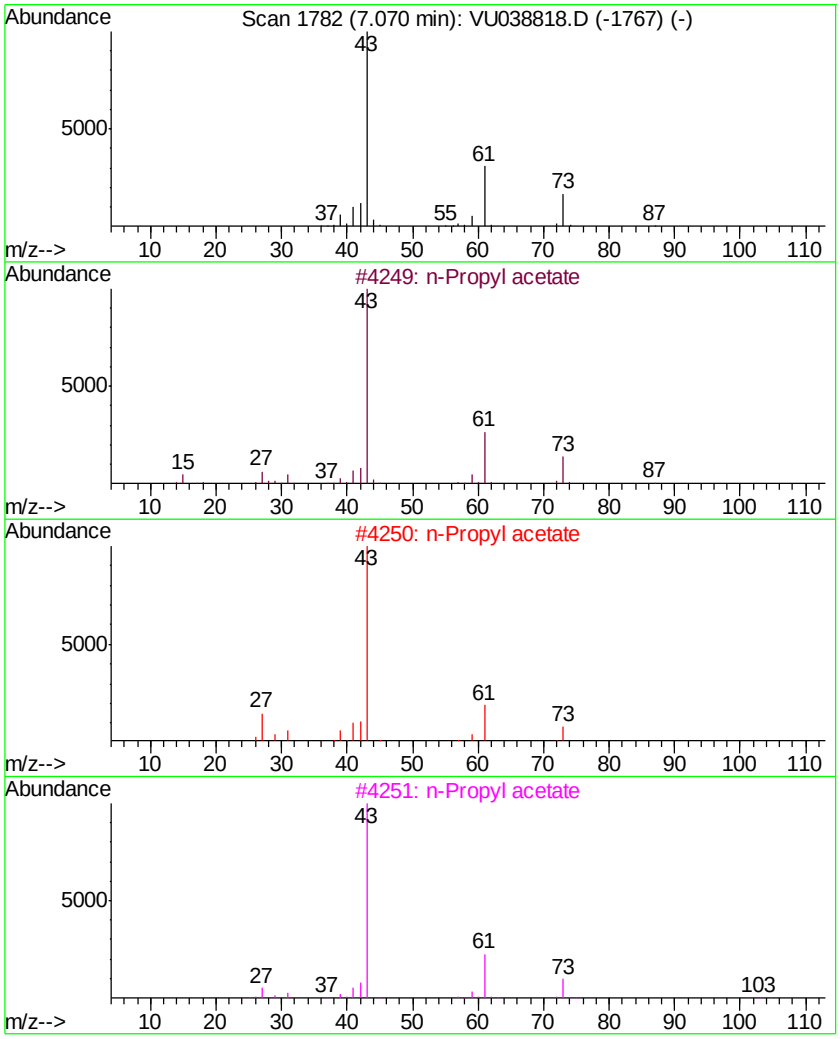
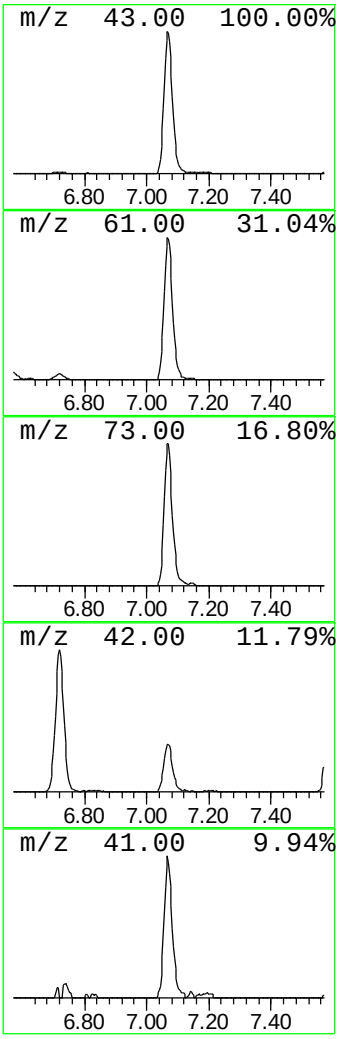
Peak Number 3 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.48 ug/L	217200	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	72
3	n-Propyl acetate	102	C5H10O2	000109-60-4	40
4	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	38
5	1-Butanamine	73	C4H11N	000109-73-9	9





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Data File : VU038818.D
Acq On : 11 Jun 2020 12:43
Operator : SY/MD
Sample : L2789-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX78

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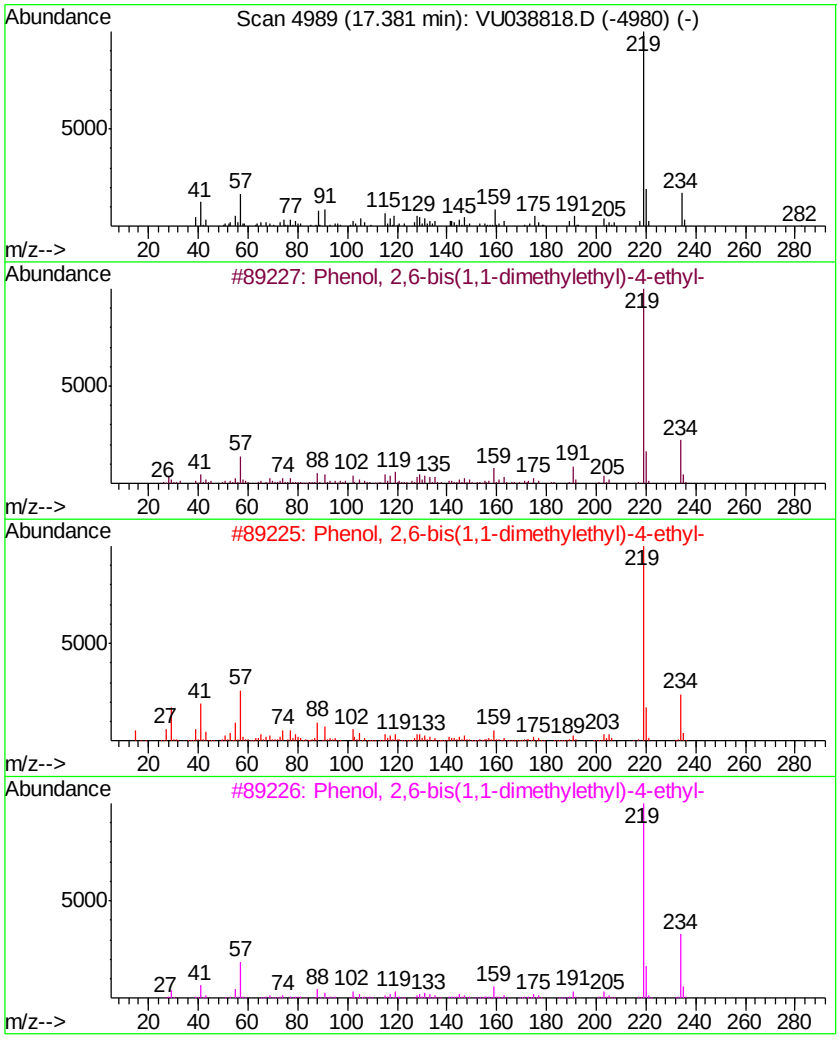
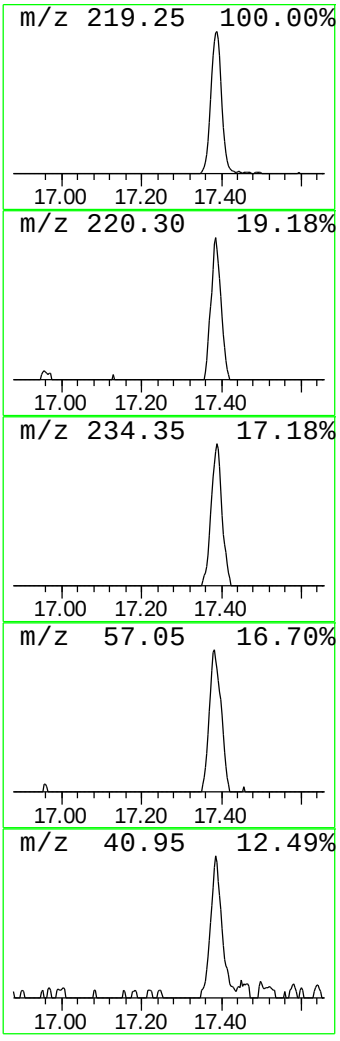
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.59 ug/L	109591	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	90
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
4	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87
5	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061220\
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ClientSampleId : BFX78

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	0.5	ug/L	76512	1	6.28	735027	5.0
Ethyl Acetate	4.85	1.9	ug/L	277569	1	6.28	735027	5.0
n-Propyl acetate	7.07	1.5	ug/L	217200	1	6.28	735027	5.0
Phenol, 2,6-bis(1...	17.38	0.6	ug/L	109591	3	11.83	931142	5.0