LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038471.D
Acq On : 01 Jun 2020 15:19
Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX82

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	rVB	108984	107331	7.04%	0.988%
2	1.613	75	85	96	rBV	118292	135028	8.86%	1.243%
3	1.932	175	184	197	rVB	105060	133545	8.77%	1.229%
4	2.594	375	390	404	rBV	211837	358025	23.50%	3.296%
5	2.675	408	415	438	rVB2	8956	27472	1.80%	0.253%
6	3.221	571	585	598	rVB	8320	18637	1.22%	0.172%
7	3.398	626	640	656	rVB3	8201	19212	1.26%	0.177%
8	4.572	990	1005	1020	rBV4	10380	25291	1.66%	0.233%
9	4.681	1020	1039	1076	rBV	197976	655148	43.00%	6.031%
10	4.848	1077	1091	1114	rVB2	141820	337622	22.16%	3.108%
11	5.102	1154	1170	1195	rBV	238777	552183	36.24%	5.083%
12	5.758	1350	1374	1410	rBV2	405179	1098974	72.13%	10.117%
13	6.279	1519	1536	1555	rBV	360603	696975	45.75%	6.416%
14	6.723	1657	1674	1692	rBV	258315	506312	33.23%	4.661%
15	7.070	1768	1782	1802	rBV2	169443	307558	20.19%	2.831%
16	7.591	1929	1944	1964	rBV	134868	237772	15.61%	2.189%
17	7.922	2033	2047	2070	rBV	482685	848035	55.66%	7.807%
18	8.202	2120	2134	2148	rBV	89491	147337	9.67%	1.356%
19	8.658	2261	2276	2304	rBV	812586	1523571	100.00%	14.026%
20	8.954	2355	2368	2385	rBV3	6987	16954	1.11%	0.156%
21	9.436	2504	2518	2552	rBV	517554	886784	58.20%	8.164%
22	10.771	2920	2933	2951	rVB	215277	345840	22.70%	3.184%
23	11.822	3248	3260	3277	rBV	535203	844170	55.41%	7.771%
24	12.079	3326	3340	3355	rBV3	7810	16617	1.09%	0.153%
25	12.205	3366	3379	3393	rBV	525151	832462	54.64%	7.663%
26	17.385	4979	4990	5009	rBV2	94841	183887	12.07%	1.693%

Sum of corrected areas: 10862742

LSC Report - Integrated Chromatogram

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Data File : VU038471.D
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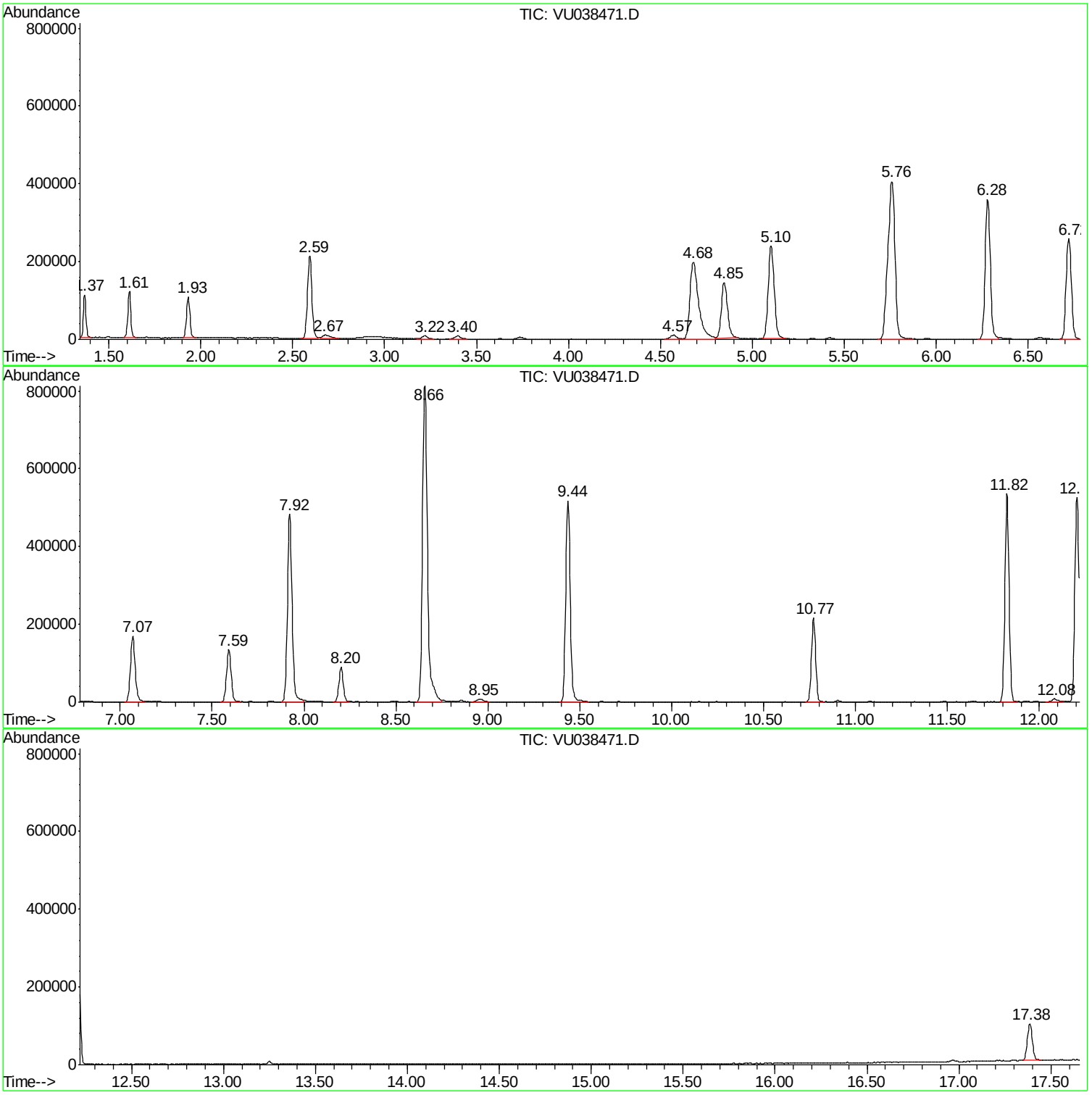
Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX82

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\VU060120\
Data File : VU038471.D
Acq On : 01 Jun 2020 15:19
Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX82

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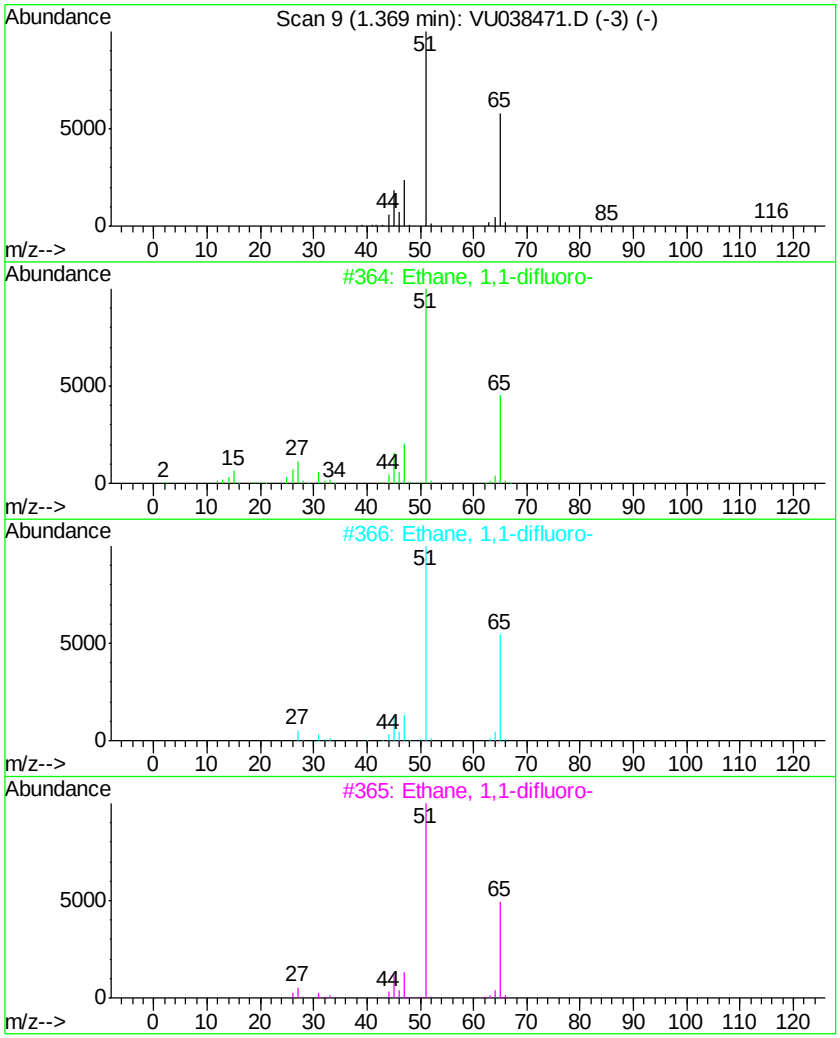
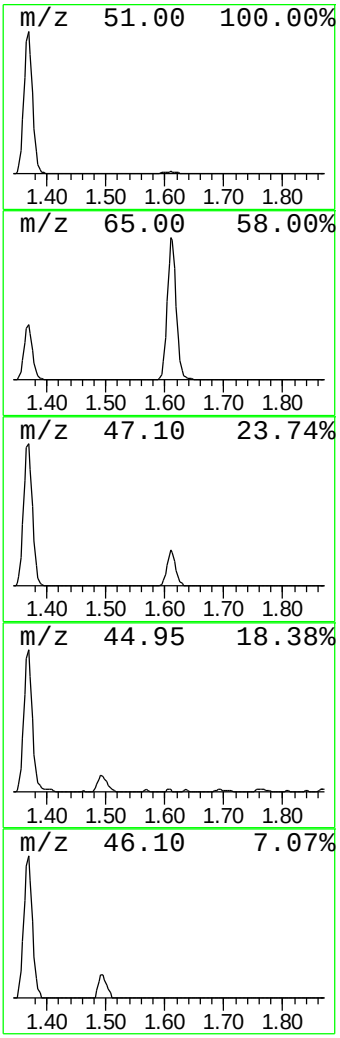
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.77 ug/L	107331	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	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	10
5	Methanesulfinic acid	80	CH4O2S	017696-73-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038471.D
Acq On : 01 Jun 2020 15:19
Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX82

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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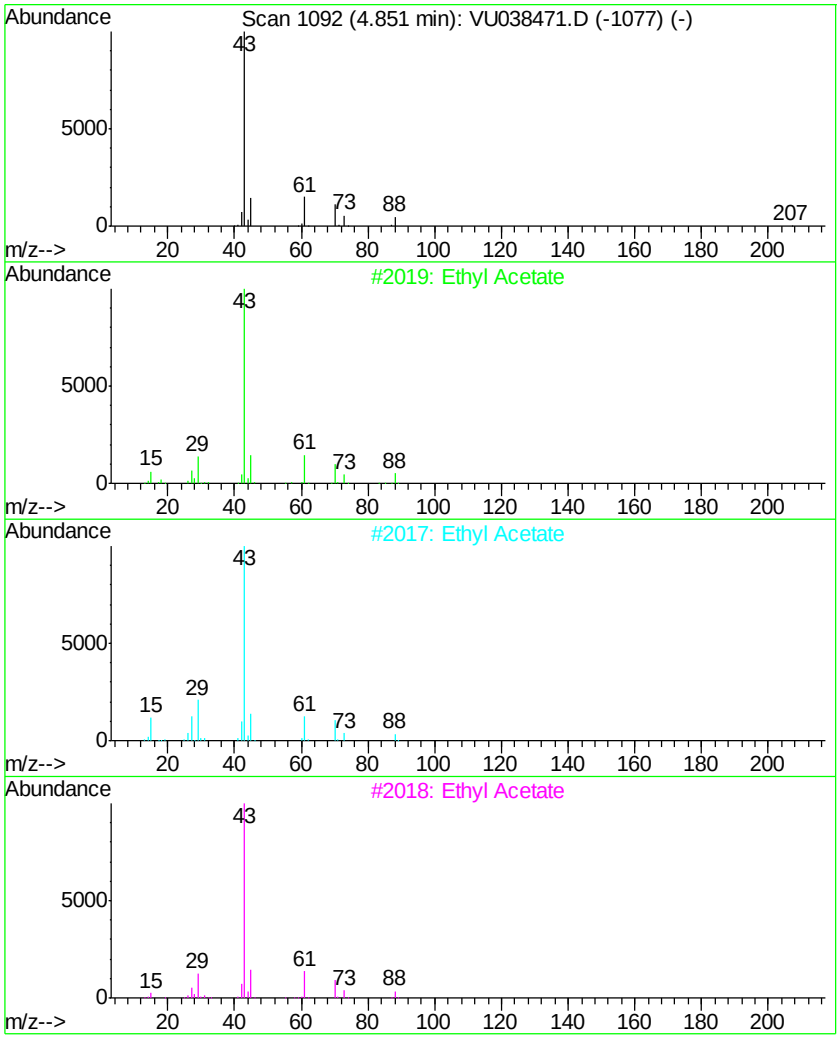
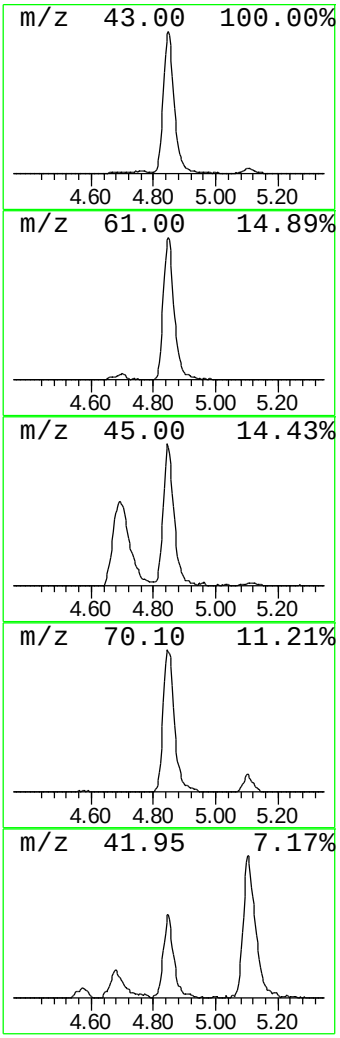
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.42 ug/L	337622	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	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038471.D
Acq On : 01 Jun 2020 15:19
Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX82

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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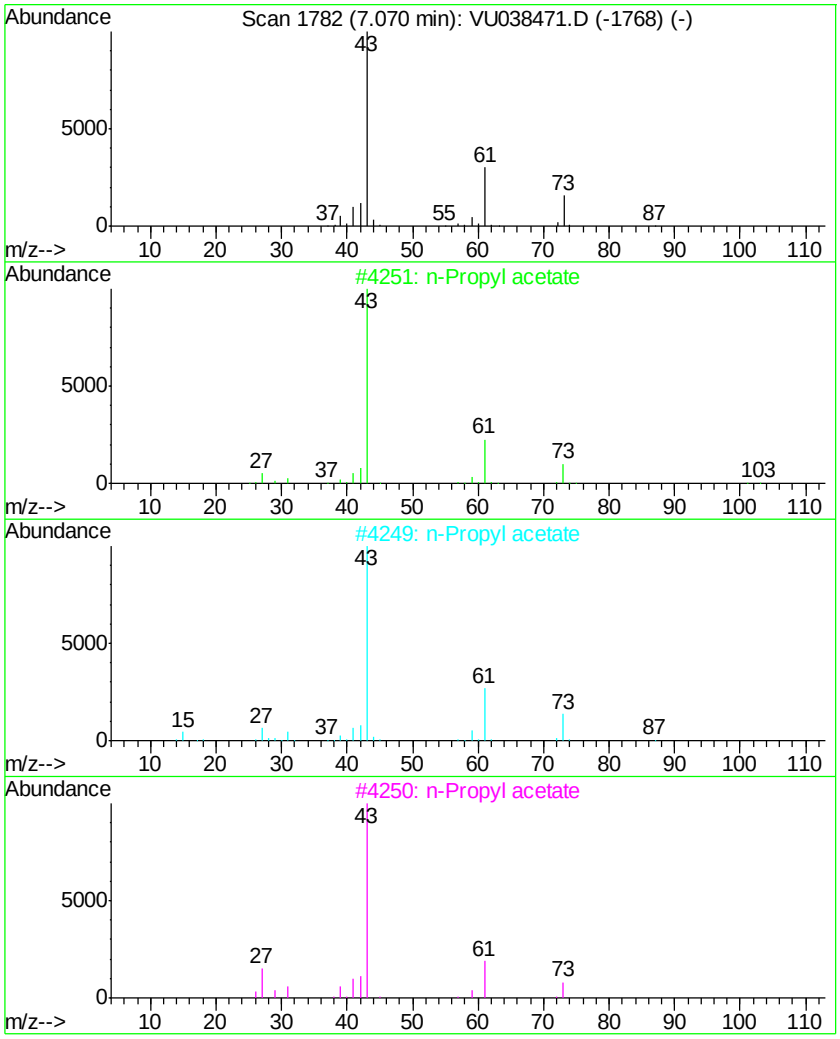
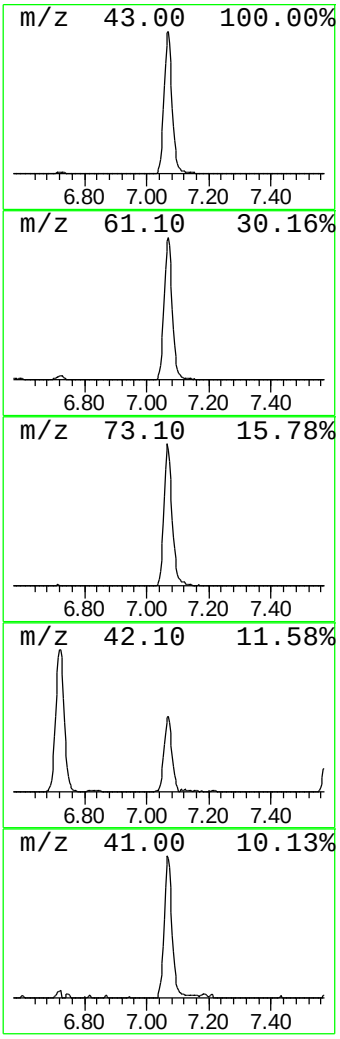
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.21 ug/L	307558	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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Data File : VU038471.D
Acq On : 01 Jun 2020 15:19
Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX82

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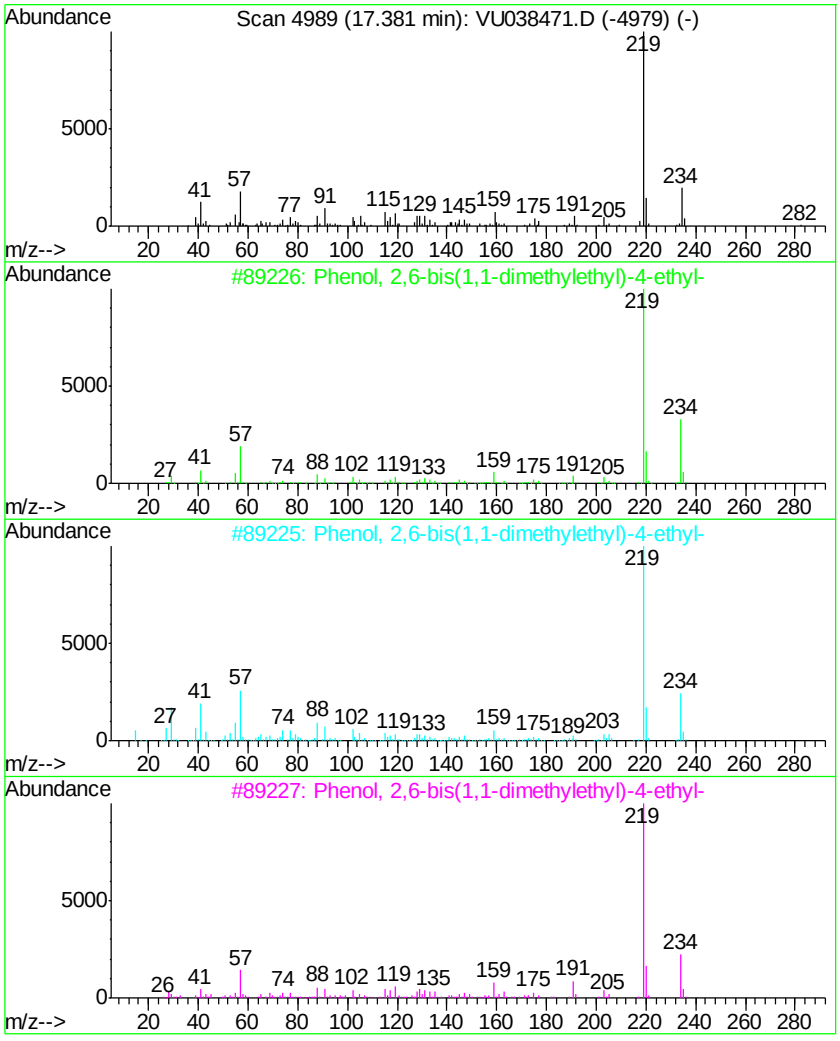
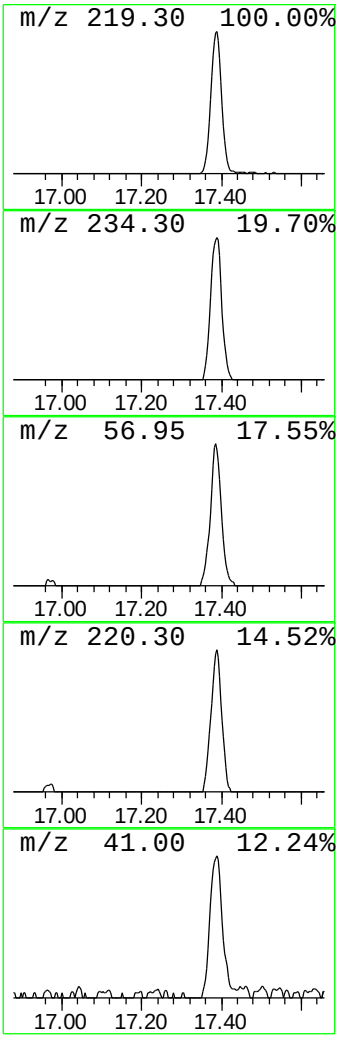
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	1.09 ug/L	183887	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	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	93
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060120\
Data File : VU038471.D
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Operator : JC/MD
Sample : L2789-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId : BFX82

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	0.8	ug/L	107331	1	6.28	696975	5.0
Ethyl Acetate	4.85	2.4	ug/L	337622	1	6.28	696975	5.0
n-Propyl acetate	7.07	2.2	ug/L	307558	1	6.28	696975	5.0
Phenol, 2,6-bis(1...	17.38	1.1	ug/L	183887	3	11.82	844170	5.0