LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038439.D
Acq On : 31 May 2020 02:01
Operator : JC/MD
Sample : L2787-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX98

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	18	rVB	118450	115490	7.50%	0.915%
2	1.613	74	85	96	rBV	145063	163608	10.63%	1.297%
3	1.932	175	184	198	rBV	112588	144241	9.37%	1.143%
4	2.594	377	390	405	rBV	243468	416303	27.04%	3.299%
5	2.678	408	416	443	rVB3	8517	28717	1.87%	0.228%
6	3.221	573	585	600	rVB	14492	31312	2.03%	0.248%
7	3.395	625	639	653	rVB4	12859	29288	1.90%	0.232%
8	3.735	733	745	764	rVB4	10537	23480	1.53%	0.186%
9	4.568	990	1004	1020	rBV3	19676	46645	3.03%	0.370%
10	4.684	1020	1040	1077	rBV2	208607	737602	47.91%	5.845%
11	4.848	1077	1091	1119	rVB2	152973	376037	24.42%	2.980%
12	5.102	1151	1170	1194	rBV3	255352	645025	41.90%	5.112%
13	5.420	1258	1269	1286	rVB7	9105	21632	1.41%	0.171%
14	5.761	1349	1375	1398	rBV2	419792	1114890	72.41%	8.835%
15	6.282	1520	1537	1562	rBV	372912	730427	47.44%	5.789%
16	6.571	1612	1627	1658	rBV	563696	1071868	69.62%	8.494%
17	6.722	1658	1674	1693	rVV	259849	504824	32.79%	4.001%
18	7.070	1768	1782	1804	rBV	179451	327229	21.25%	2.593%
19	7.591	1931	1944	1966	rBV	135475	237834	15.45%	1.885%
20	7.922	2032	2047	2082	rBV	499738	885520	57.52%	7.018%
21	8.201	2121	2134	2148	rBV	84647	142085	9.23%	1.126%
22	8.574	2240	2250	2262	rBV3	20222	34160	2.22%	0.271%
23	8.658	2262	2276	2312	rBV	824070	1539599	100.00%	12.201%
24	8.954	2360	2368	2386	rVB3	6804	15756	1.02%	0.125%
25	9.436	2501	2518	2539	rBV	551336	930422	60.43%	7.374%
26	10.771	2921	2933	2947	rBV	215975	347125	22.55%	2.751%
27	11.825	3248	3261	3277	rBV	584110	924546	60.05%	7.327%
28	12.082	3325	3341	3352	rBV3	8416	17437	1.13%	0.138%
29	12.205	3364	3379	3396	rVB	525608	850370	55.23%	6.739%
30	17.384	4979	4990	5007	rBV2	85034	164942	10.71%	1.307%

Sum of corrected areas: 12618414

LSC Report - Integrated Chromatogram

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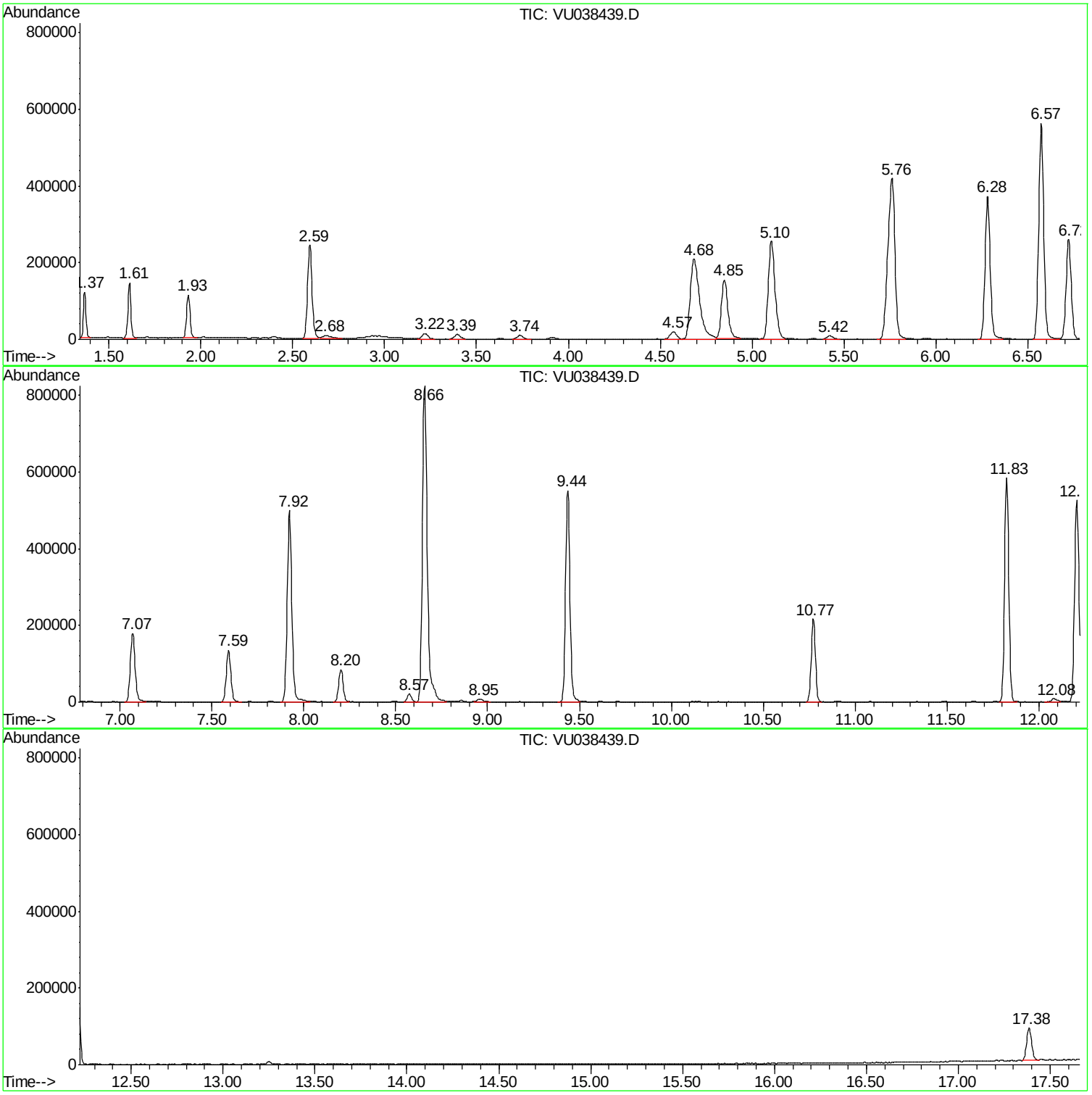
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX98

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

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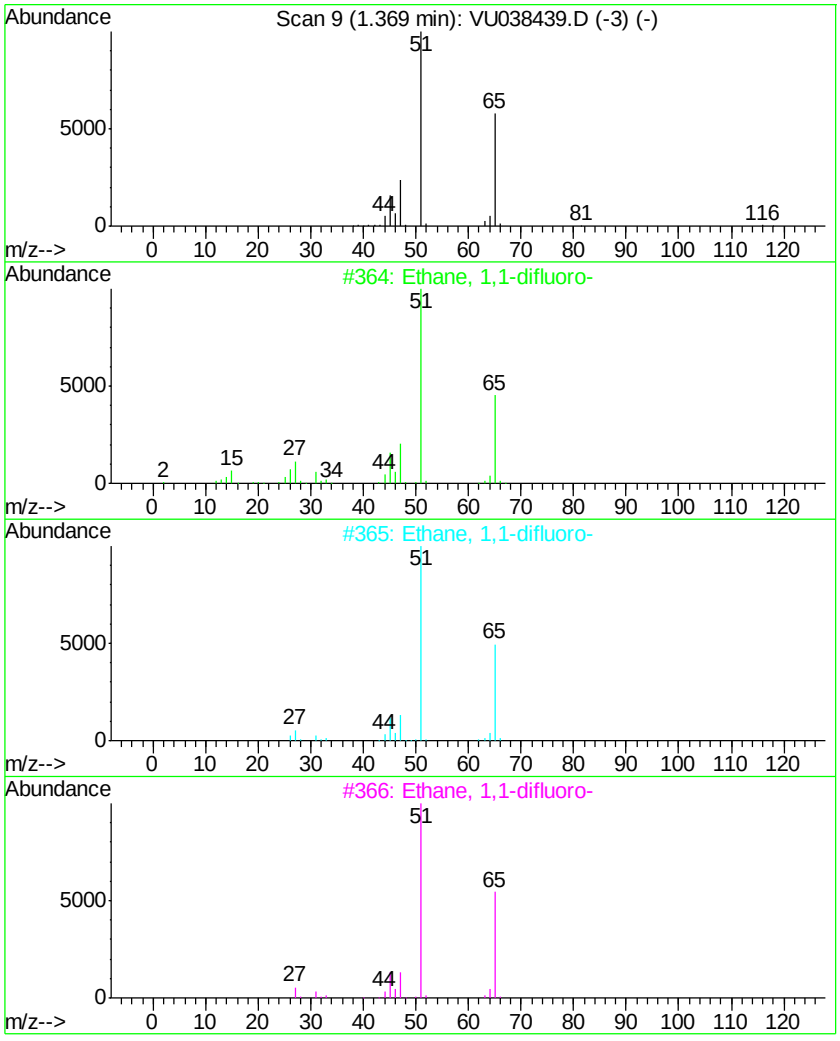
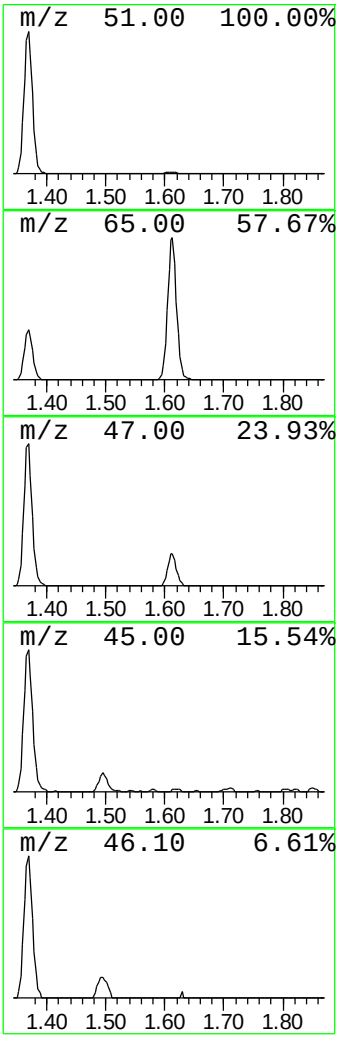
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.79 ug/L	115490	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	12
5	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	10





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX98

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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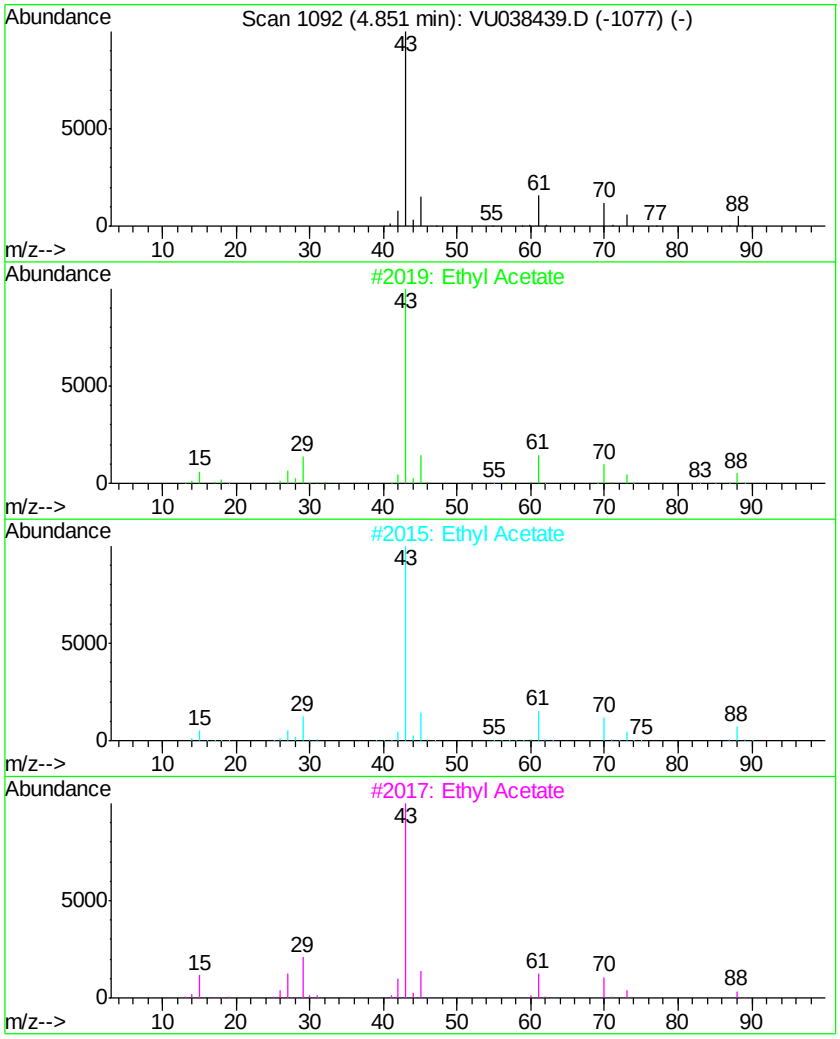
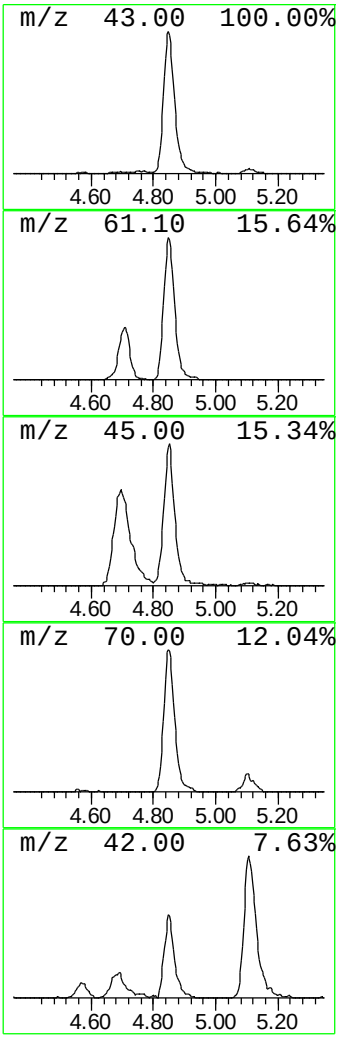
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.57 ug/L	376037	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	40





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Instrument : MSVOA_U
ClientSampleId : BFX98

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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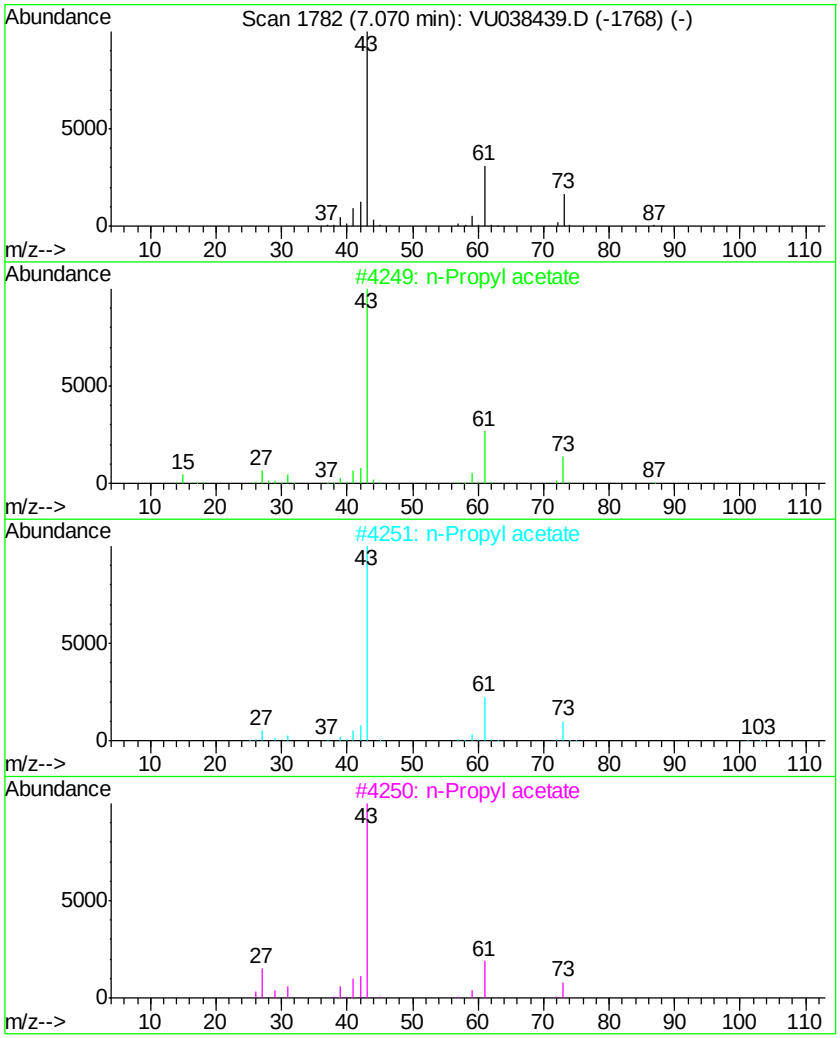
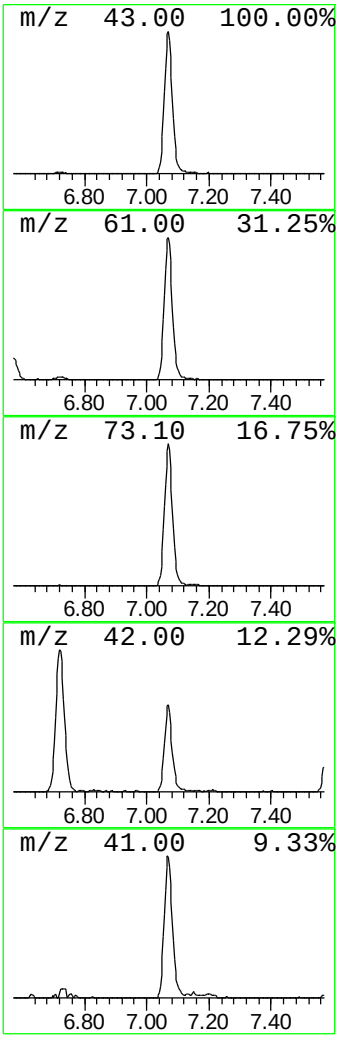
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.24 ug/L	327229	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	64
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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Instrument : MSVOA_U
ClientSampleId : BFX98

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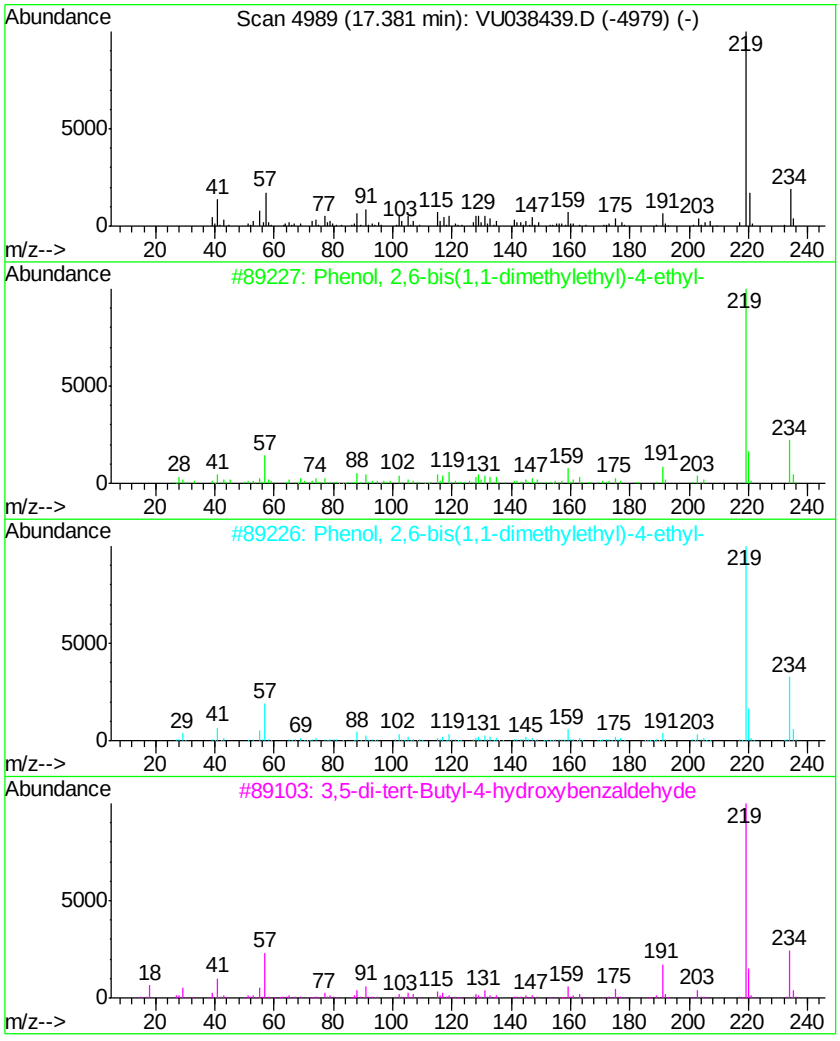
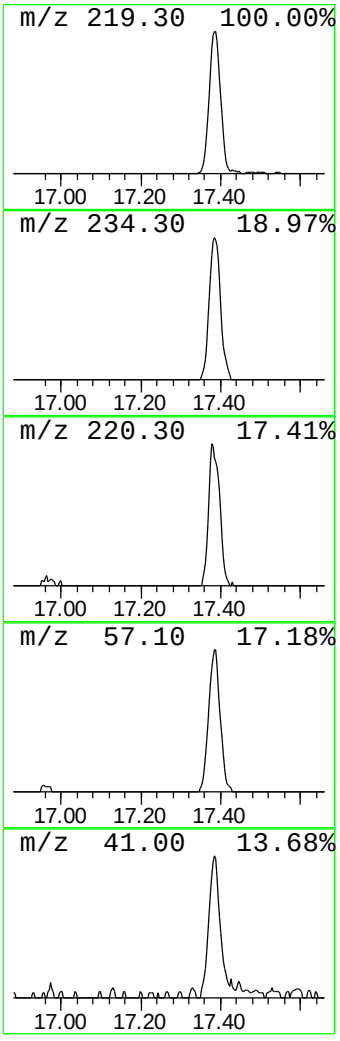
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.89 ug/L	164942	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	98
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	97
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
4	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.8	ug/L	115490	1	6.28	730427	5.0
Ethyl Acetate	4.85	2.6	ug/L	376037	1	6.28	730427	5.0
n-Propyl acetate	7.07	2.2	ug/L	327229	1	6.28	730427	5.0
Phenol, 2,6-bis(1...	17.38	0.9	ug/L	164942	3	11.83	924546	5.0