LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038469.D
Acq On : 01 Jun 2020 14:33
Operator : JC/MD
Sample : L2789-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX80

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	17	rBV	124557	120244	8.04%	1.069%
2	1.613	74	85	98	rBV	113708	139095	9.30%	1.236%
3	1.932	174	184	195	rBV	101656	130732	8.74%	1.162%
4	2.395	318	328	339	rVB	30848	47762	3.19%	0.424%
5	2.594	377	390	405	rBV	210022	358675	23.97%	3.188%
6	2.674	407	415	432	rVB2	7571	20337	1.36%	0.181%
7	3.221	571	585	600	rVB2	12936	27005	1.80%	0.240%
8	3.398	627	640	654	rBV4	11284	25731	1.72%	0.229%
9	3.736	732	745	760	rBV3	11428	23678	1.58%	0.210%
10	4.575	987	1006	1020	rBV2	17624	44082	2.95%	0.392%
11	4.678	1020	1038	1074	rBV3	217161	707061	47.25%	6.284%
12	4.845	1076	1090	1122	rVB	213285	505348	33.77%	4.491%
13	5.102	1153	1170	1194	rBV2	253564	589233	39.38%	5.237%
14	5.761	1351	1375	1407	rBV2	394930	1071522	71.61%	9.523%
15	6.279	1522	1536	1573	rBV	349964	686041	45.85%	6.097%
16	6.571	1614	1627	1645	rBV5	39753	77957	5.21%	0.693%
17	6.719	1659	1673	1695	rBV	253061	495607	33.12%	4.405%
18	7.067	1765	1781	1801	rBV	224425	408256	27.28%	3.628%
19	7.591	1930	1944	1959	rBV	134252	233572	15.61%	2.076%
20	7.922	2033	2047	2079	rBV	464320	839314	56.09%	7.459%
21	8.202	2121	2134	2148	rBV	84937	142165	9.50%	1.263%
22	8.655	2262	2275	2304	rBV	818530	1496338	100.00%	13.299%
23	8.954	2354	2368	2385	rVB3	12710	27945	1.87%	0.248%
24	9.436	2505	2518	2552	rBV	505146	861581	57.58%	7.657%
25	10.771	2917	2933	2950	rBV	214987	345181	23.07%	3.068%
26	11.822	3247	3260	3277	rBV	518434	833612	55.71%	7.409%
27	12.079	3329	3340	3353	rBV7	7884	16963	1.13%	0.151%
28	12.205	3366	3379	3396	rVB	515126	818496	54.70%	7.274%
29	17.388	4979	4991	5005	rBV2	84123	158353	10.58%	1.407%

Sum of corrected areas: 11251886

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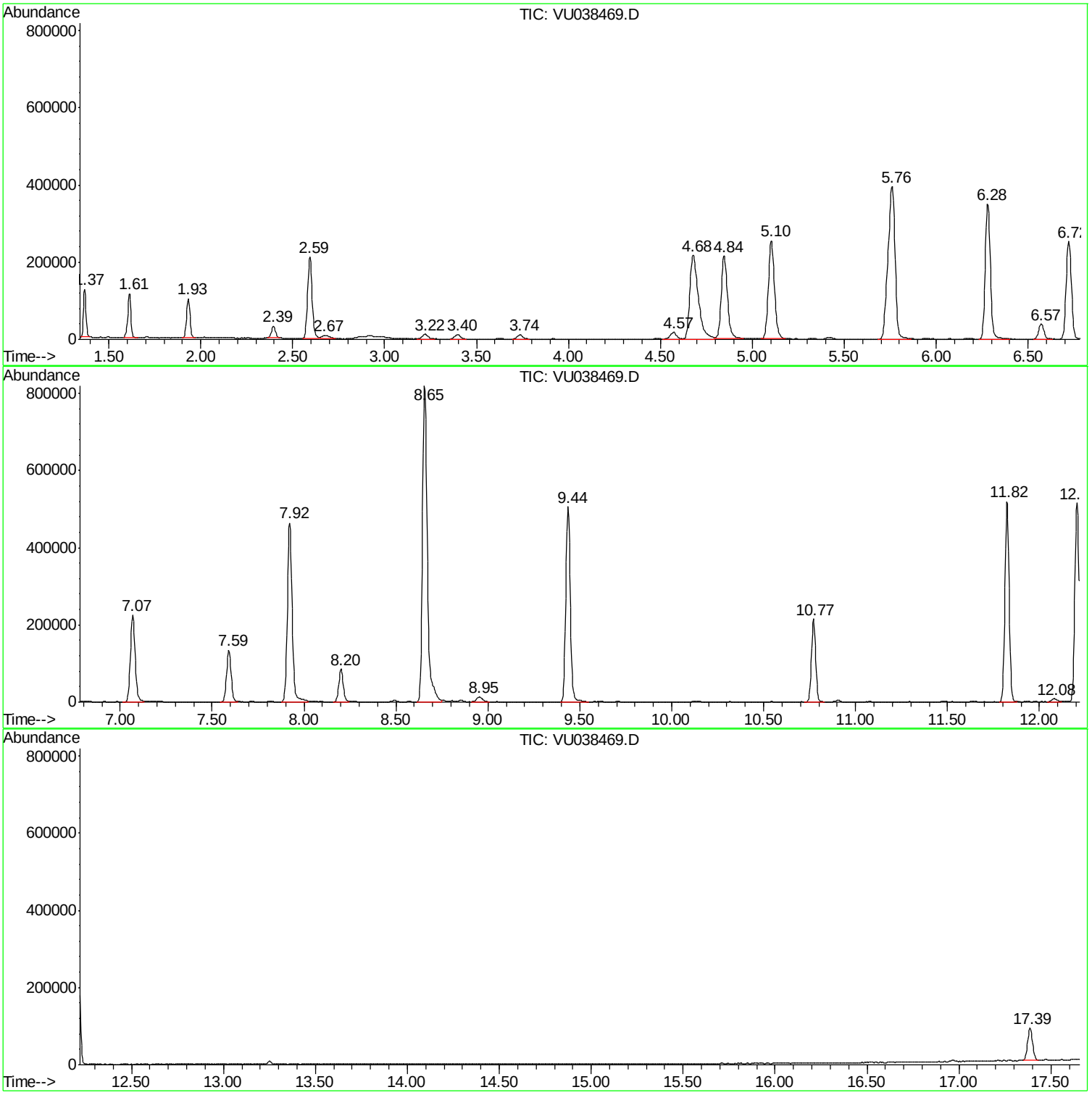
Instrument : MSVOA_U
ClientSampleId : BFX80

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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Quant Title : TRACE VOA SOM01.0

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

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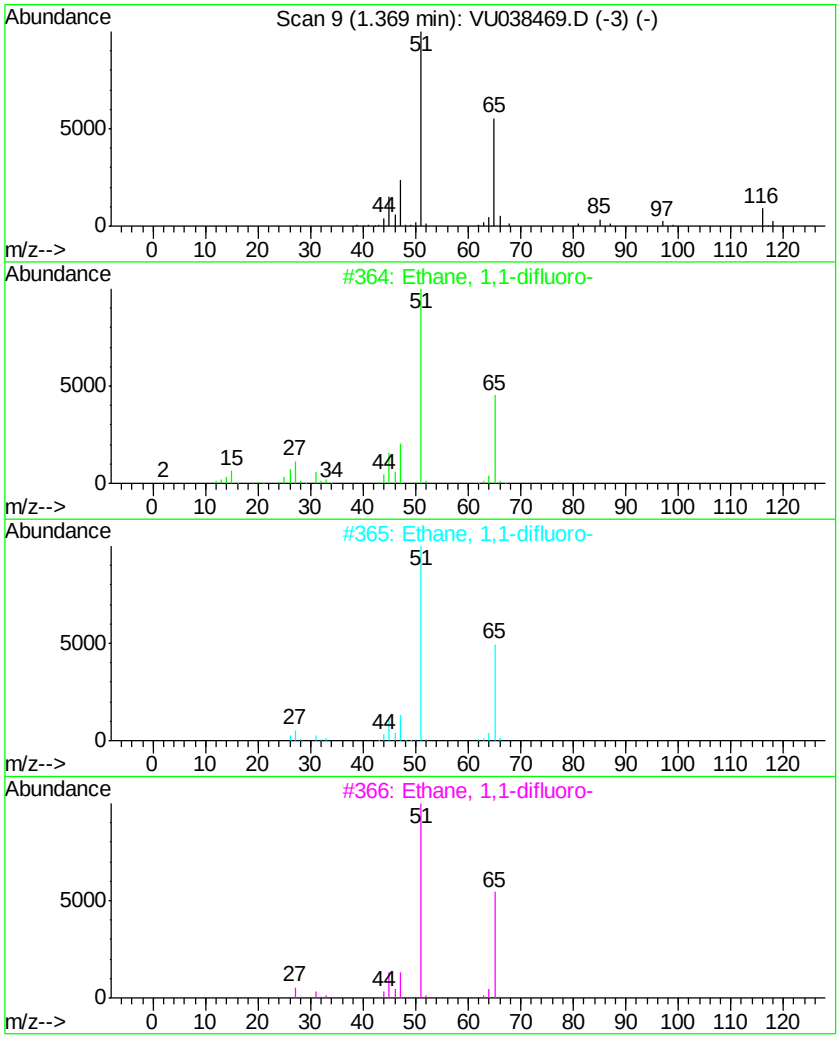
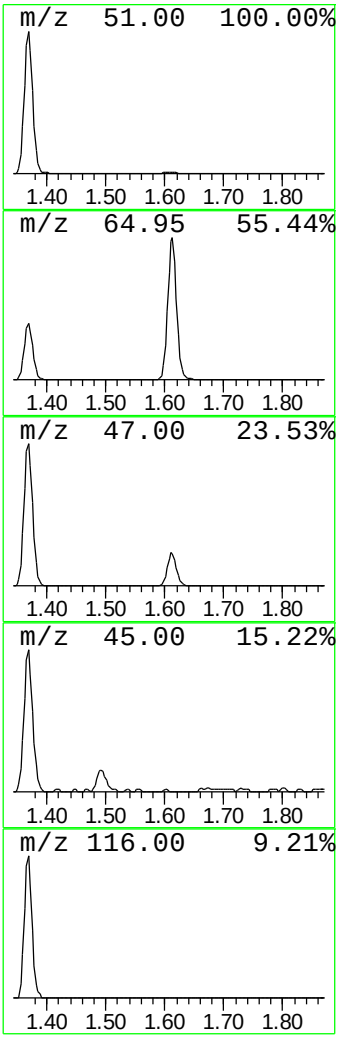
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.88 ug/L	120244	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	74
4	Difluorochloromethane	86	CHClF2	000075-45-6	9
5	Ethanamine, N-chloro-N,1,1-trifl...	133	C2H3ClF3N	016276-45-2	4





Library Search Compound Report

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX80

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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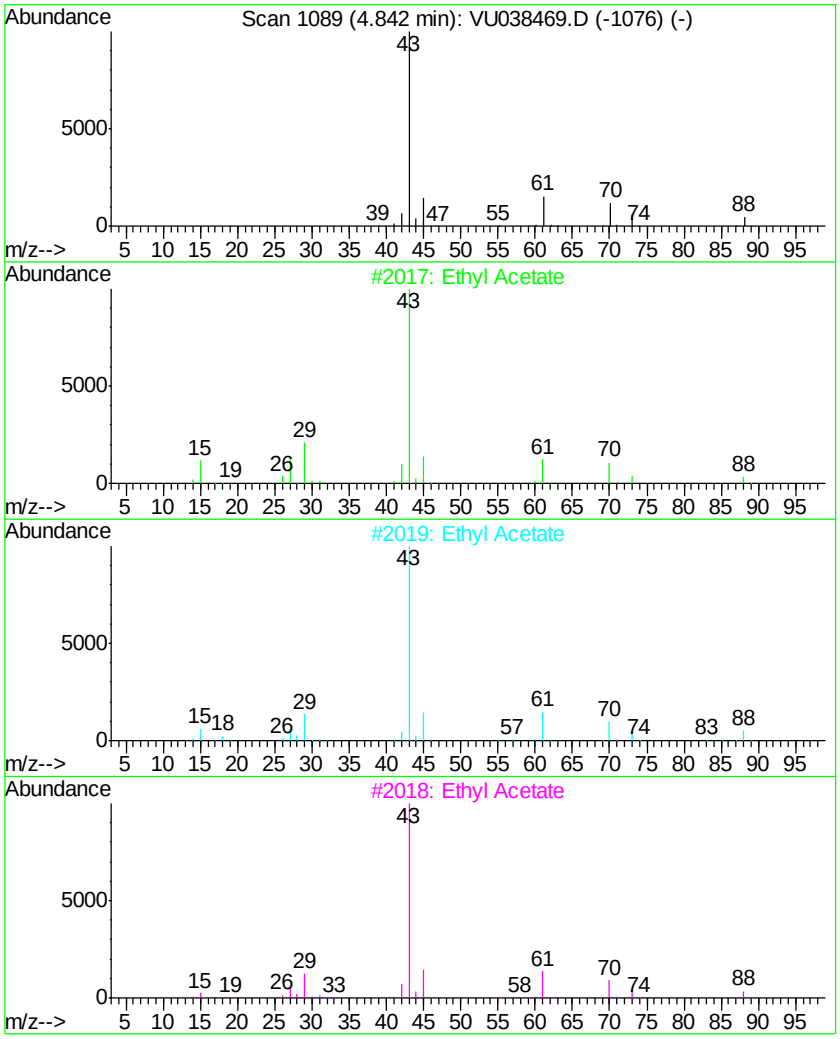
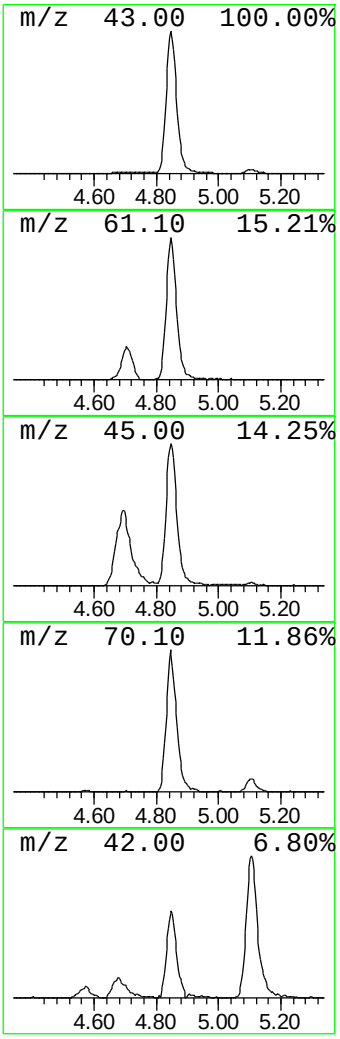
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	3.68 ug/L	505348	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	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Library Search Compound Report

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Data File : VU038469.D
Acq On : 01 Jun 2020 14:33
Operator : JC/MD
Sample : L2789-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX80

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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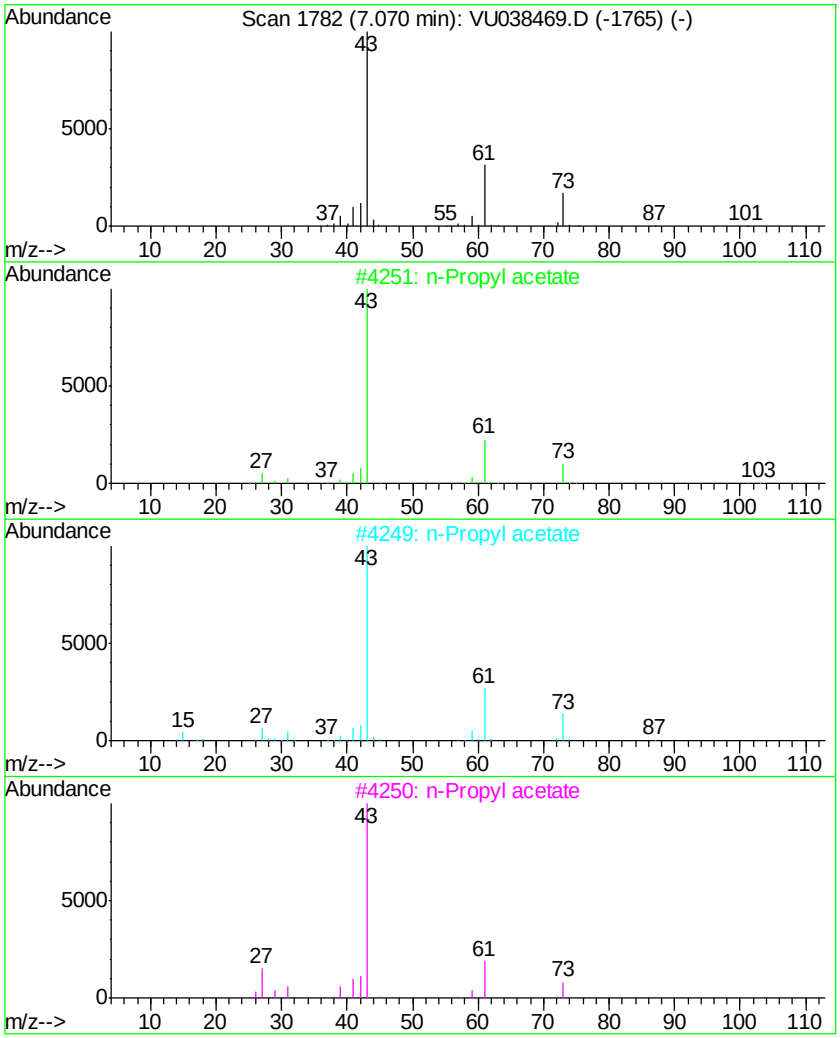
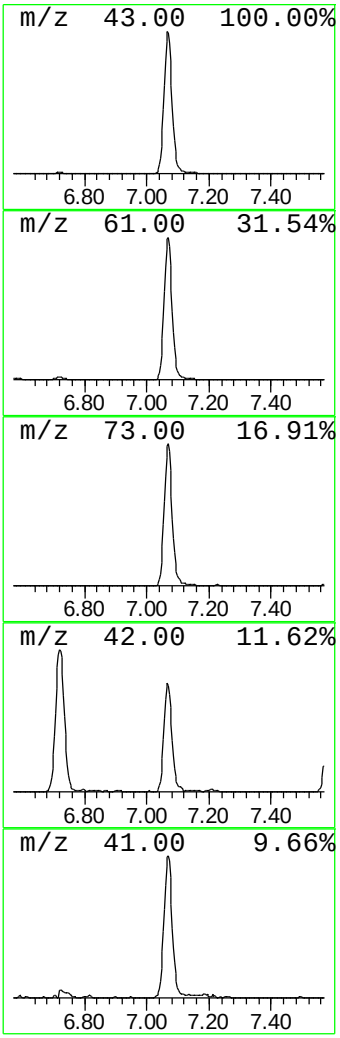
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.98 ug/L	408256	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	78
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX80

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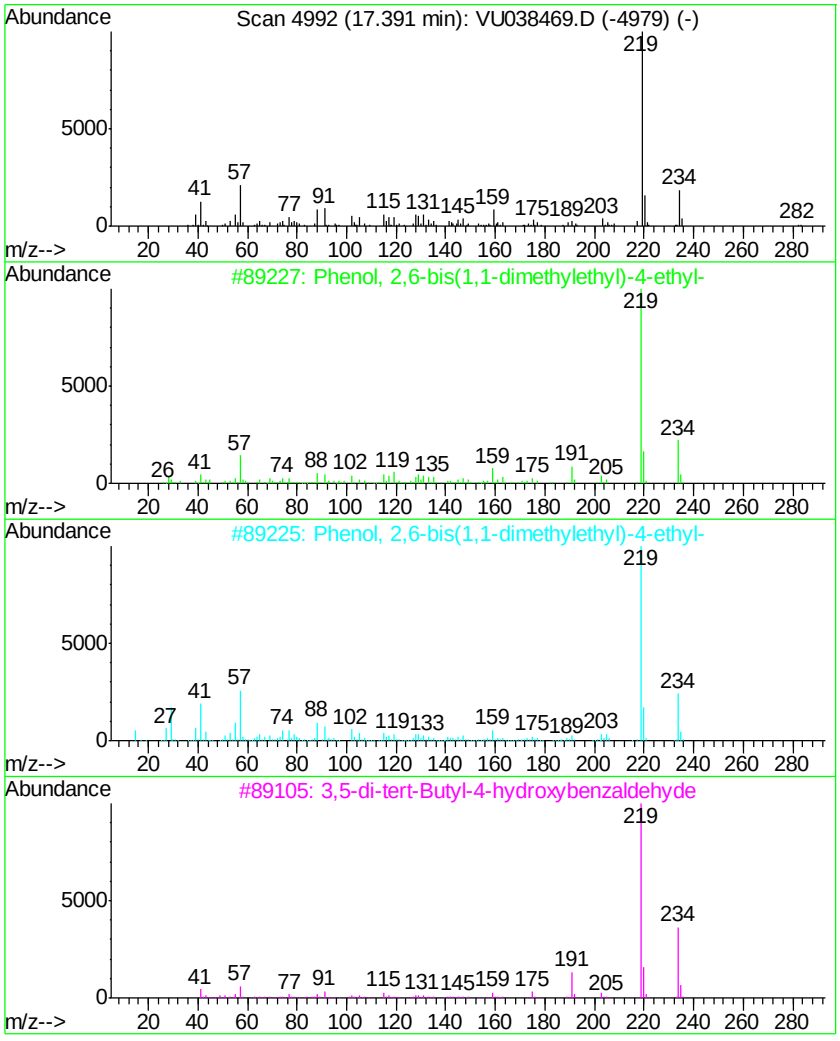
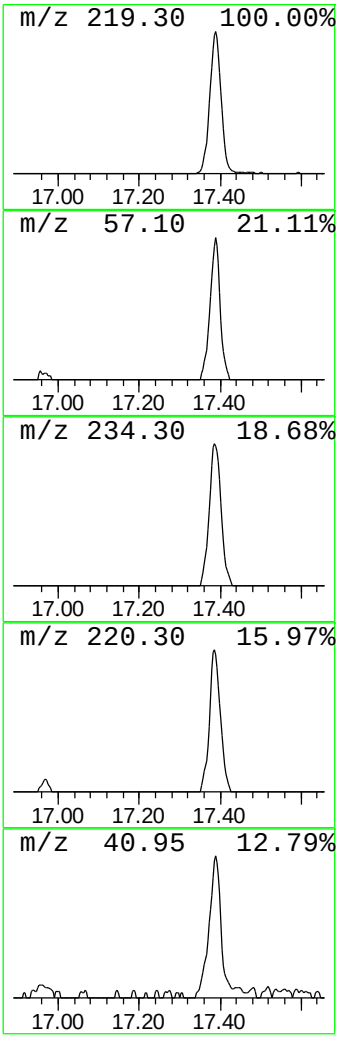
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	0.95 ug/L	158353	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	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	86
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	80





Tentatively Identified Compound (LSC) summary

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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	0.9	ug/L	120244	1	6.28	686041	5.0
Ethyl Acetate	4.84	3.7	ug/L	505348	1	6.28	686041	5.0
n-Propyl acetate	7.07	3.0	ug/L	408256	1	6.28	686041	5.0
Phenol, 2,6-bis(1...	17.39	0.9	ug/L	158353	3	11.83	833612	5.0