LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
Data File : VU038479.D
Acq On : 01 Jun 2020 18:23
Operator : JC/MD
Sample : L2789-17
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXA3

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	23	rBV	94646	93966	6.15%	0.841%
2	1.610	73	84	95	rBV2	129484	178819	11.71%	1.601%
3	1.932	175	184	196	rBV	103162	133670	8.76%	1.196%
4	2.594	377	390	405	rBV	202434	334189	21.89%	2.991%
5	2.678	405	416	434	rVB2	9023	25433	1.67%	0.228%
6	3.218	572	584	601	rVB2	15766	35307	2.31%	0.316%
7	3.391	627	638	654	rVB3	7595	18359	1.20%	0.164%
8	3.739	731	746	758	rBV4	8922	19254	1.26%	0.172%
9	4.568	986	1004	1020	rBV4	15670	36696	2.40%	0.328%
10	4.684	1021	1040	1076	rBV3	224208	835189	54.71%	7.476%
11	4.848	1076	1091	1120	rVB2	244580	583509	38.22%	5.223%
12	5.102	1154	1170	1193	rBV	234652	520396	34.09%	4.658%
13	5.761	1351	1375	1407	rBV2	401544	1074161	70.36%	9.615%
14	6.279	1521	1536	1572	rBV	351878	696440	45.62%	6.234%
15	6.571	1616	1627	1639	rVB7	15031	29216	1.91%	0.262%
16	6.719	1656	1673	1692	rBV	250780	491878	32.22%	4.403%
17	7.070	1765	1782	1804	rBV	132954	239494	15.69%	2.144%
18	7.591	1929	1944	1966	rBV	129405	226671	14.85%	2.029%
19	7.922	2033	2047	2064	rBV	462686	815476	53.41%	7.299%
20	8.201	2121	2134	2148	rBV2	80374	140204	9.18%	1.255%
21	8.655	2261	2275	2310	rBV	833654	1526707	100.00%	13.665%
22	9.436	2503	2518	2542	rBV	518385	874081	57.25%	7.824%
23	10.770	2917	2933	2951	rBV	219826	352682	23.10%	3.157%
24	11.825	3245	3261	3278	rBV	541564	852008	55.81%	7.626%
25	12.082	3331	3341	3356	rBV4	10747	20873	1.37%	0.187%
26	12.204	3364	3379	3395	rBV	506990	821316	53.80%	7.351%
27	17.381	4978	4989	5001	rBV	105151	196293	12.86%	1.757%

Sum of corrected areas: 11172287

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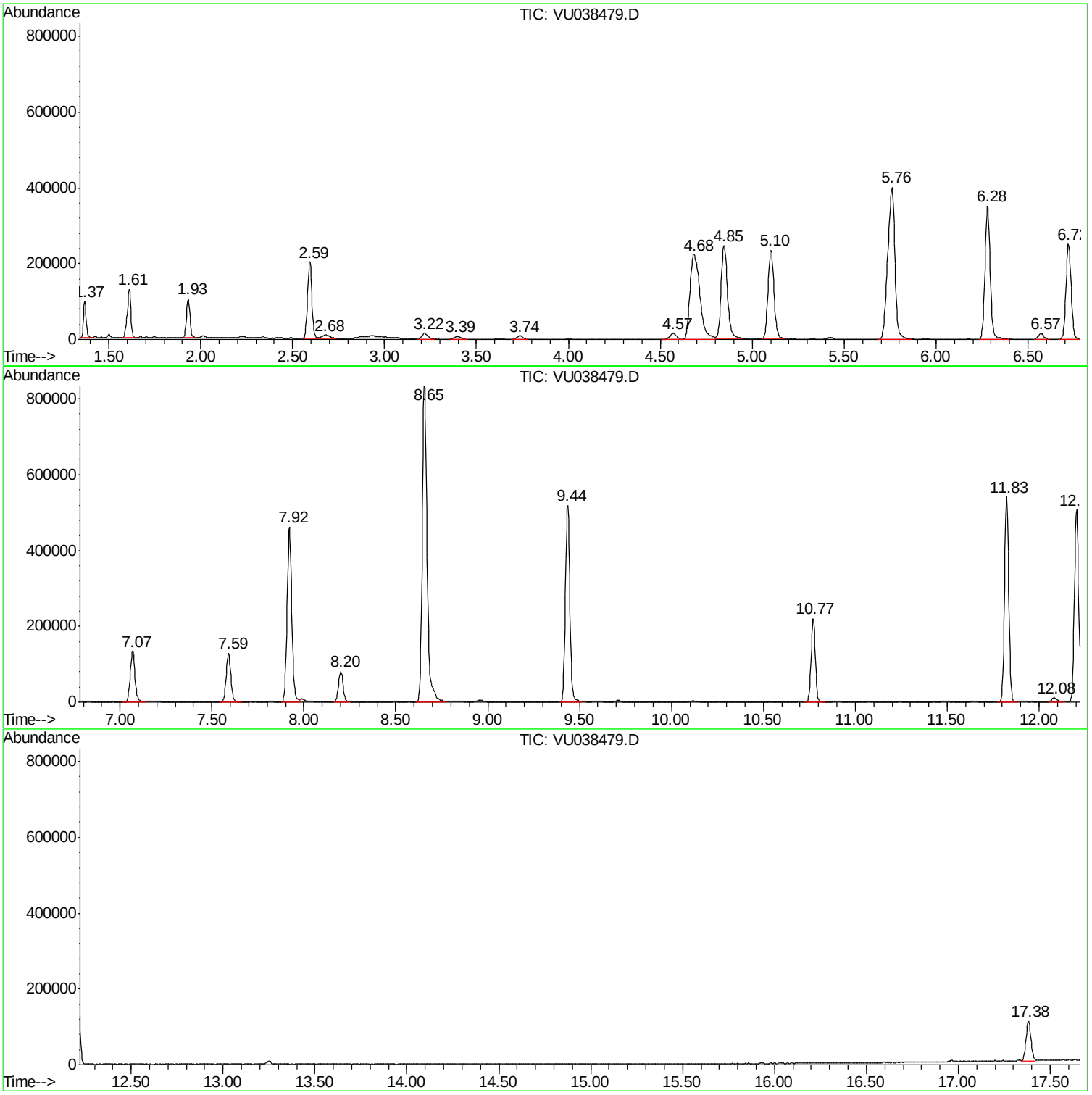
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXA3

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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Operator : JC/MD
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Instrument : MSVOA_U
ClientSampleId : BFXA3

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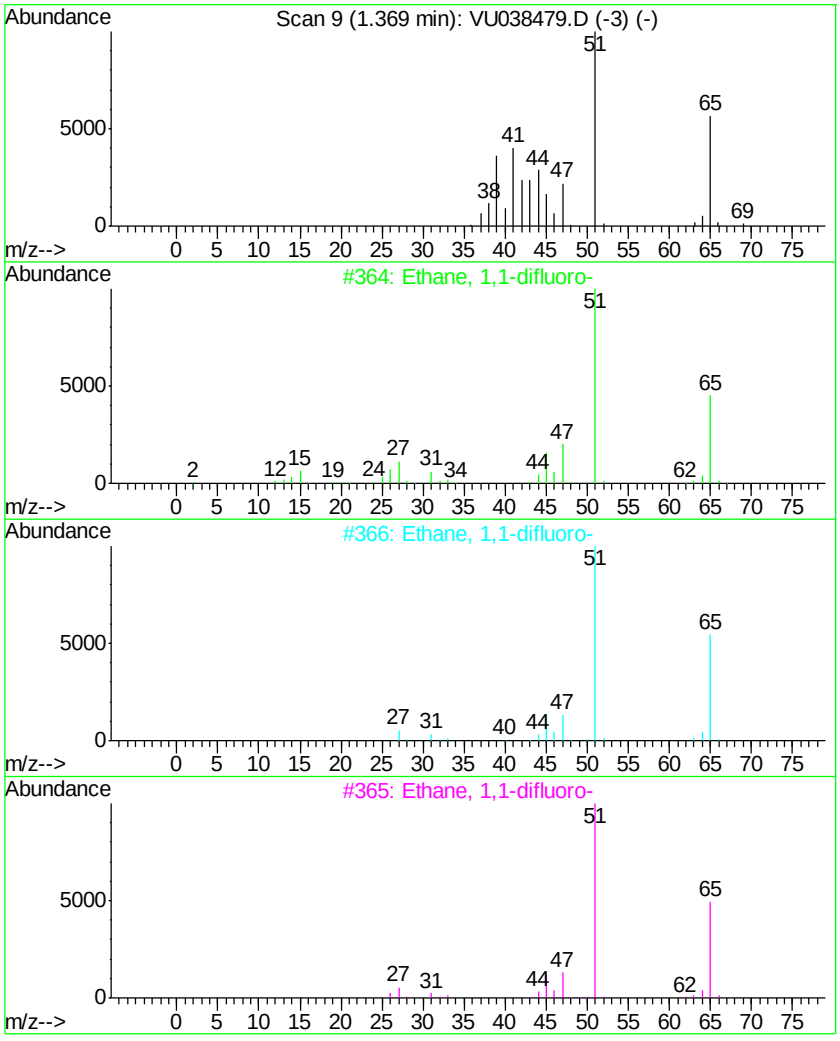
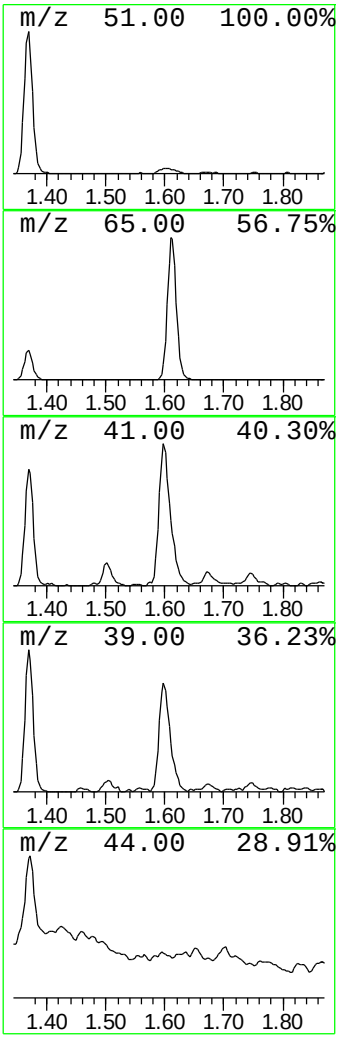
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.67 ug/L	93966	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	86
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	86
4	Difluorochloromethane	86	CHClF2	000075-45-6	9
5	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	4





Library Search Compound Report

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXA3

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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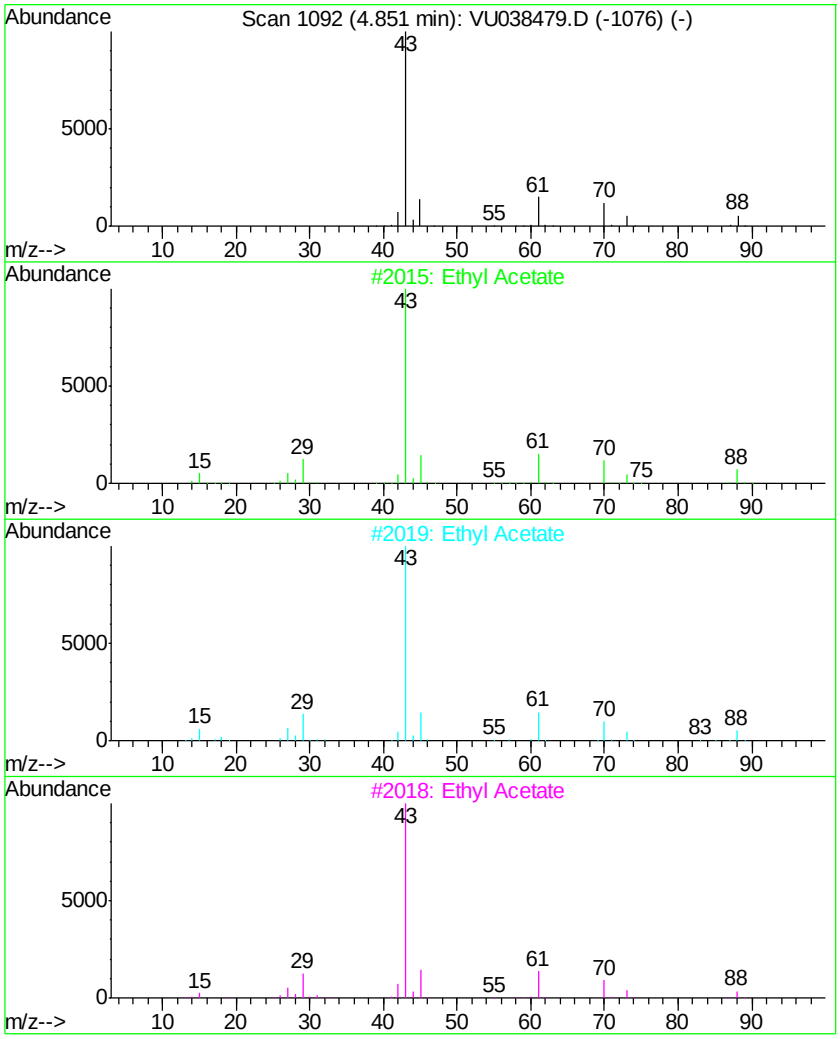
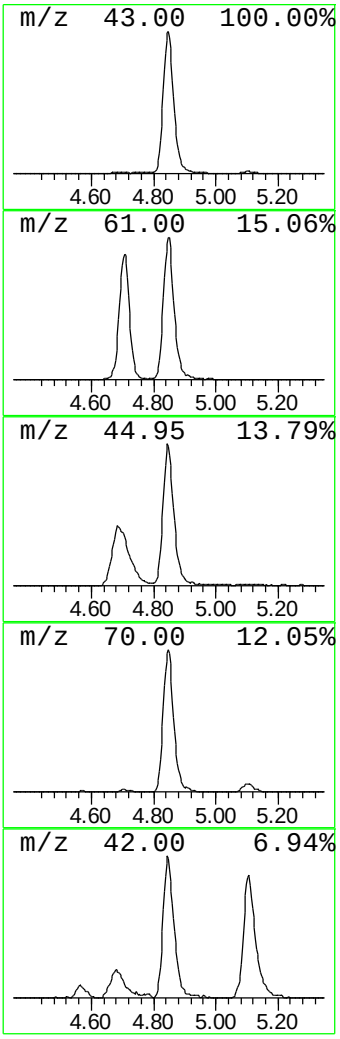
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	4.19 ug/L	583509	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	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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Acq On : 01 Jun 2020 18:23
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXA3

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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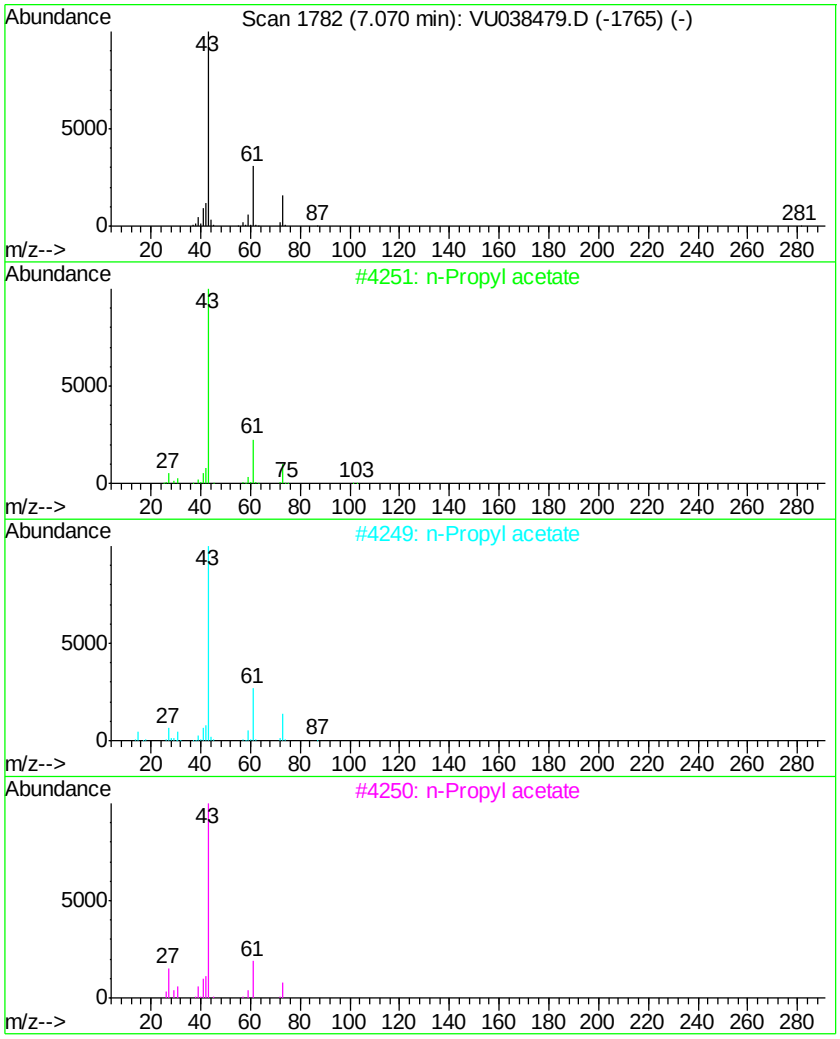
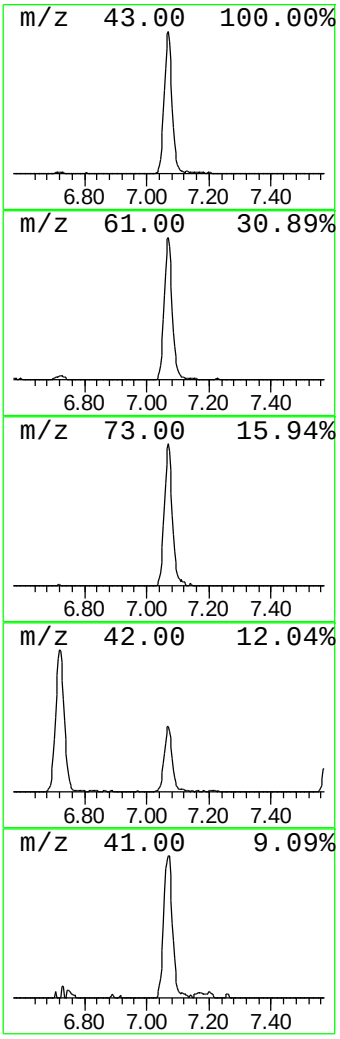
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.72 ug/L	239494	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	9
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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Instrument : MSVOA_U
ClientSampleId : BFXA3

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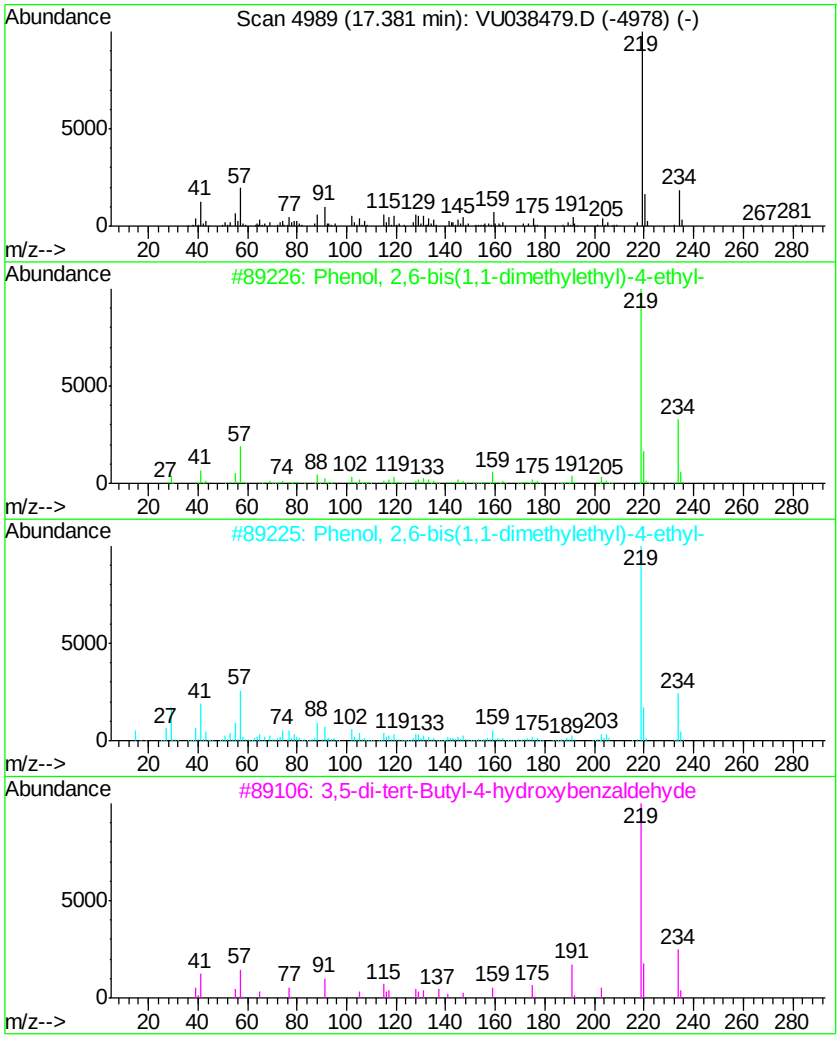
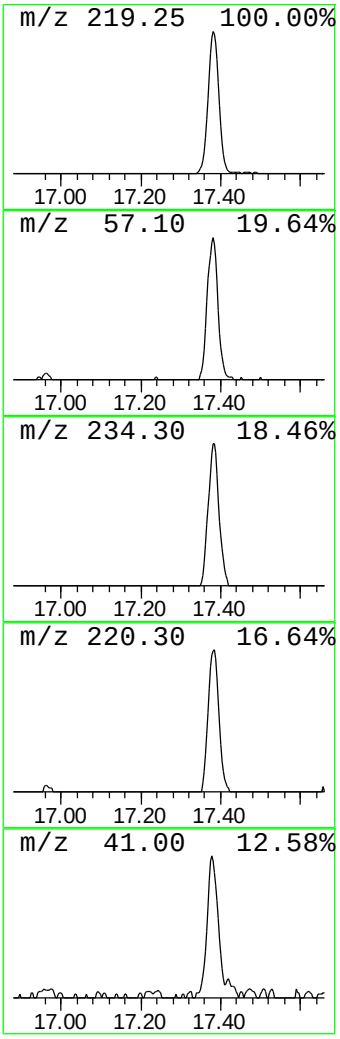
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	1.15 ug/L	196293	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	96
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
4	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	80
5	6-Tert.butyl-2,3-dicyanonaphthalen	234	C16H14N2	032703-82-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060120\
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.37	0.7	ug/L	93966	1	6.28	696440	5.0
Ethyl Acetate	4.85	4.2	ug/L	583509	1	6.28	696440	5.0
n-Propyl acetate	7.07	1.7	ug/L	239494	1	6.28	696440	5.0
Phenol, 2,6-bis(1...	17.38	1.1	ug/L	196293	3	11.82	852008	5.0