LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038427.D
Acq On : 30 May 2020 20:38
Operator : JC/MD
Sample : L2787-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX84

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	22	rVB	121274	119583	7.54%	1.026%
2	1.613	73	85	97	rBV	156547	200861	12.66%	1.724%
3	1.932	174	184	195	rBV	116829	150017	9.46%	1.287%
4	2.594	377	390	405	rBV	242667	400842	25.27%	3.440%
5	2.678	405	416	440	rVB2	11626	34440	2.17%	0.296%
6	2.880	453	479	482	rBV3	11990	38829	2.45%	0.333%
7	3.218	570	584	601	rBV2	13605	31835	2.01%	0.273%
8	3.398	626	640	654	rBV4	12659	28089	1.77%	0.241%
9	3.735	732	745	759	rBV5	12119	28002	1.77%	0.240%
10	4.571	989	1005	1020	rBV4	22283	54578	3.44%	0.468%
11	4.674	1020	1037	1074	rBV2	236152	711847	44.87%	6.109%
12	4.845	1077	1090	1113	rVB	151471	344782	21.73%	2.959%
13	5.102	1154	1170	1193	rBV	251742	566719	35.72%	4.863%
14	5.420	1257	1269	1284	rVB5	8498	18567	1.17%	0.159%
15	5.761	1352	1375	1406	rBV2	436217	1156355	72.89%	9.923%
16	6.282	1521	1537	1566	rBV	386834	743127	46.84%	6.377%
17	6.722	1659	1674	1695	rBV	267684	521772	32.89%	4.478%
18	7.070	1769	1782	1801	rBV	181875	327585	20.65%	2.811%
19	7.590	1931	1944	1959	rBV2	137730	247125	15.58%	2.121%
20	7.922	2032	2047	2064	rBV	506855	907373	57.19%	7.786%
21	8.201	2117	2134	2148	rBV	89587	152210	9.59%	1.306%
22	8.655	2261	2275	2312	rBV	866933	1586477	100.00%	13.614%
23	8.947	2355	2366	2380	rBV3	8488	17692	1.12%	0.152%
24	9.436	2502	2518	2540	rBV	563012	933239	58.82%	8.008%
25	10.770	2917	2933	2951	rBV	223886	359729	22.67%	3.087%
26	11.825	3248	3261	3276	rBV	592383	933959	58.87%	8.015%
27	12.082	3330	3341	3354	rBV3	7750	16205	1.02%	0.139%
28	12.204	3366	3379	3399	rVB	547764	883806	55.71%	7.584%
29	17.388	4980	4991	5005	rBV2	74491	137521	8.67%	1.180%

Sum of corrected areas: 11653166

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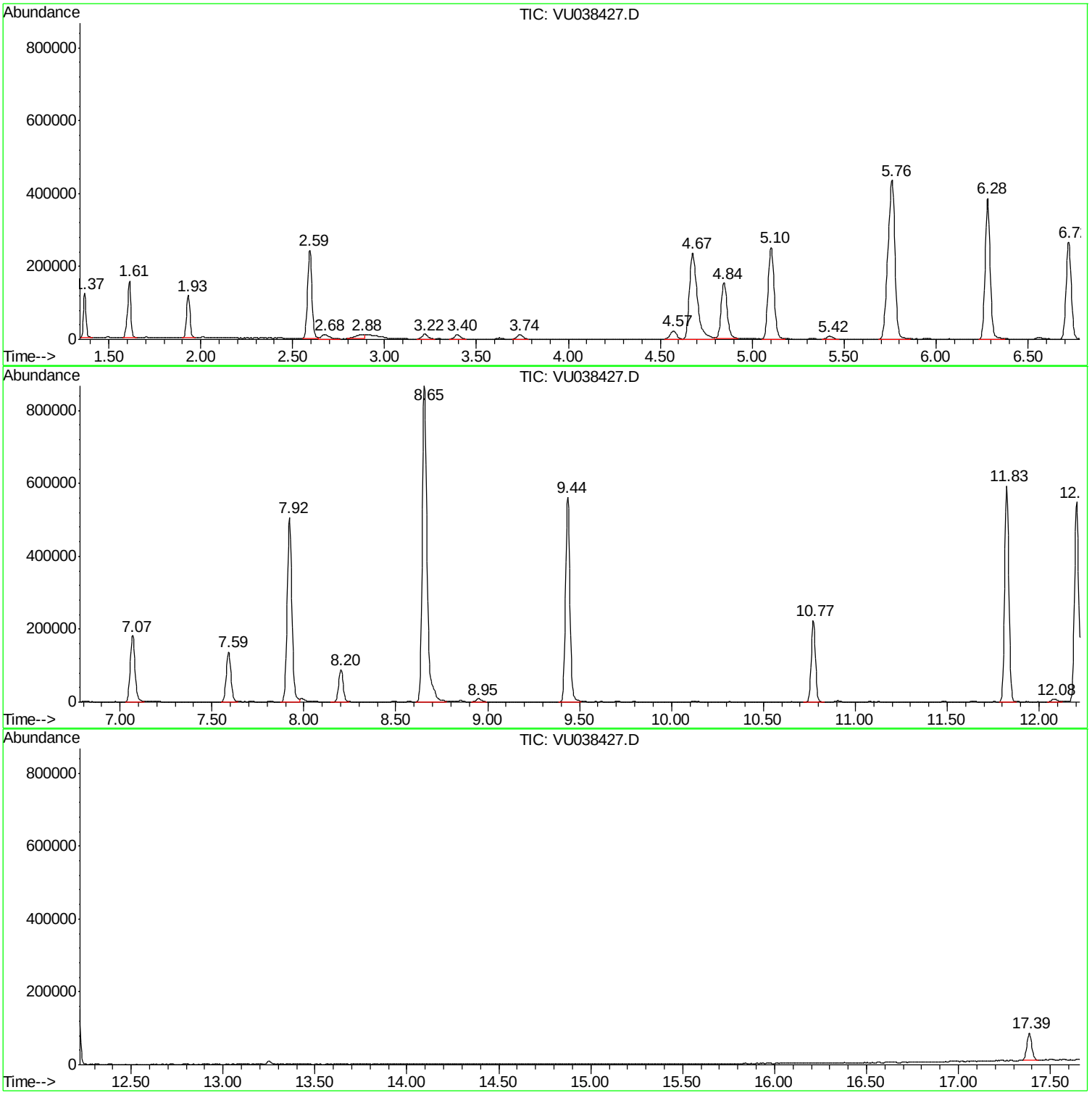
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX84

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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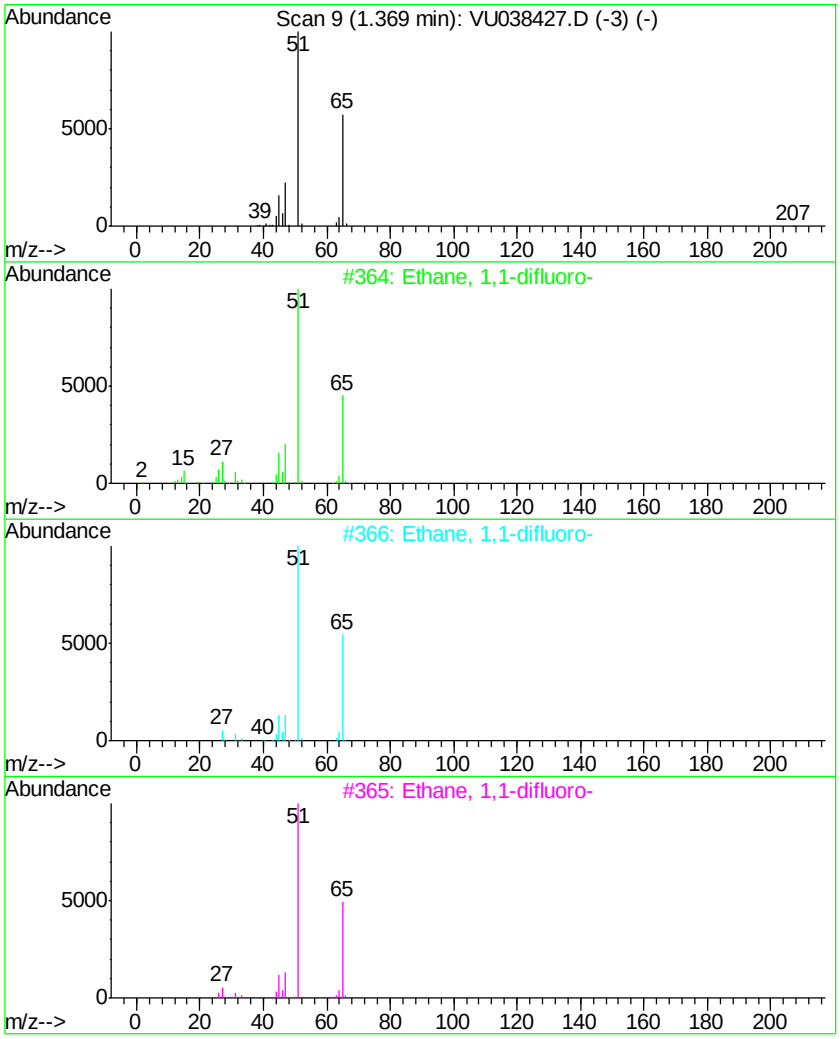
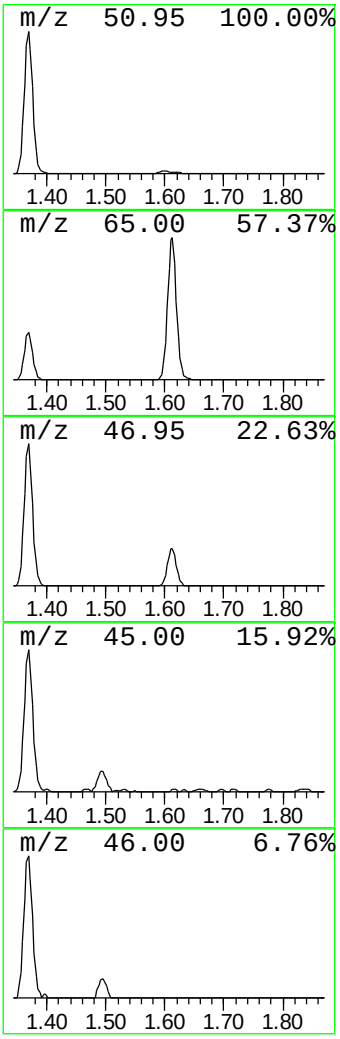
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.80 ug/L	119583	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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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX84

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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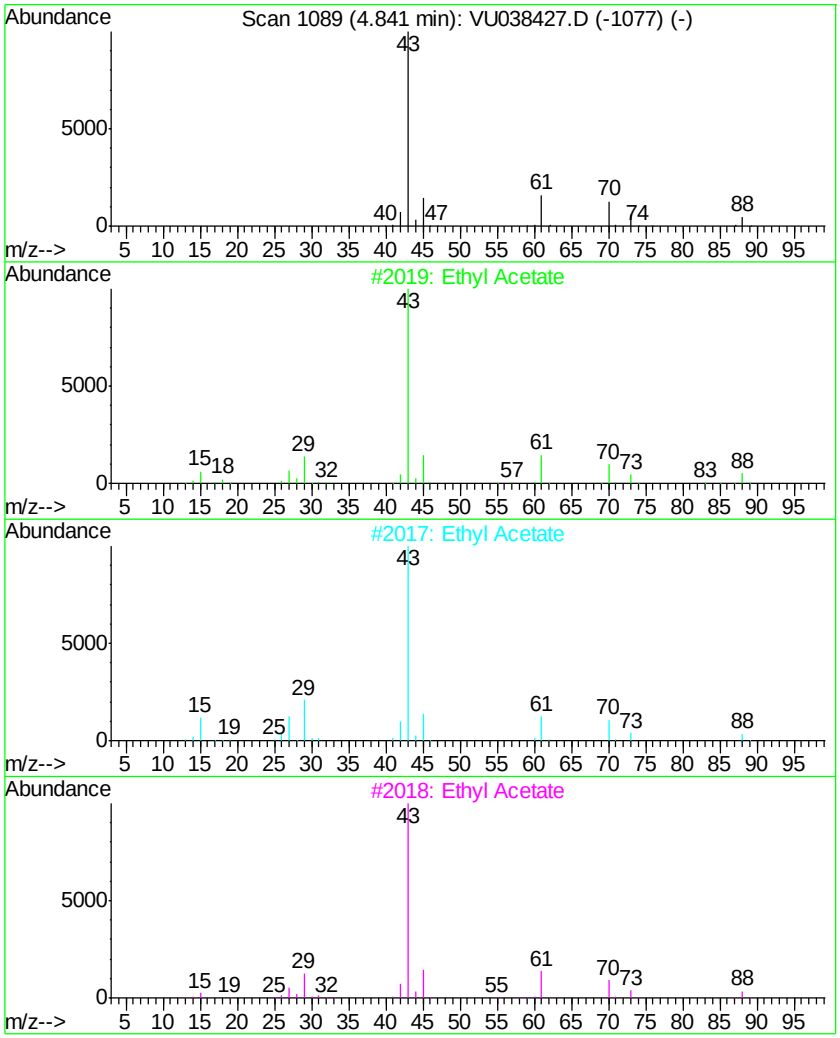
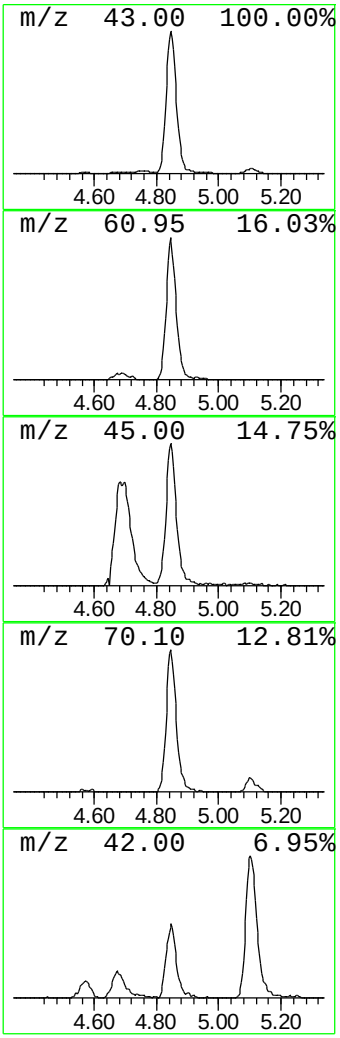
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	2.32 ug/L	344782	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	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX84

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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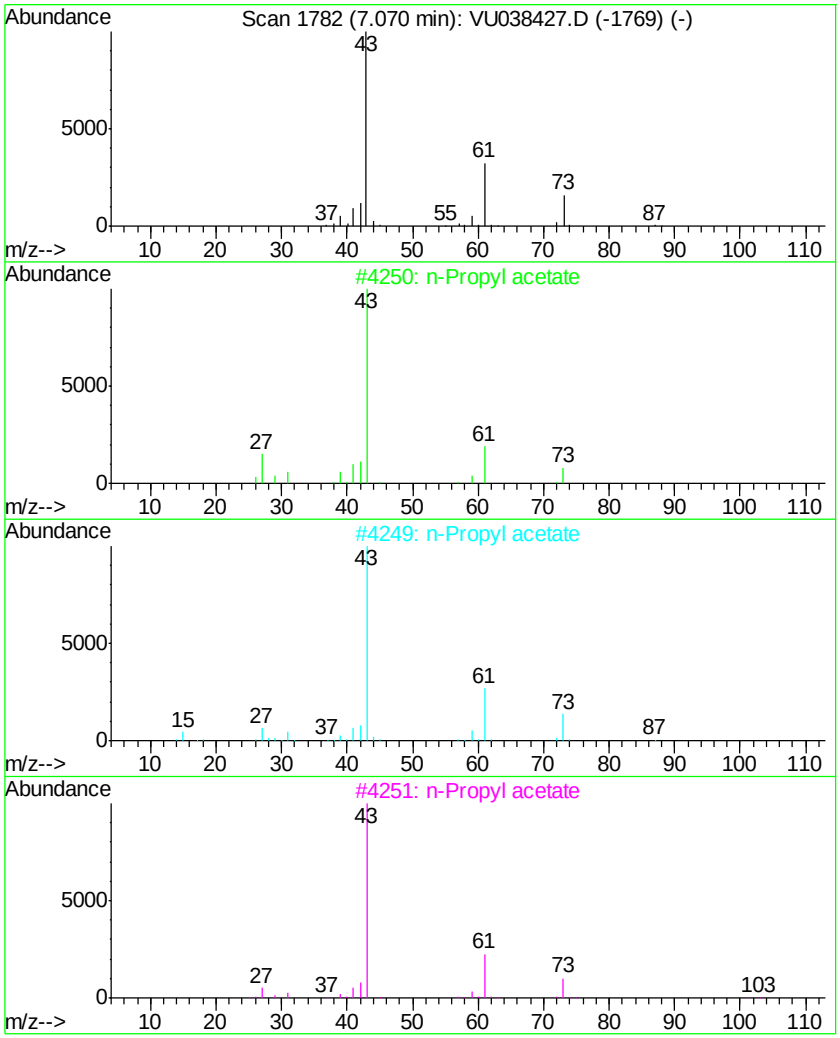
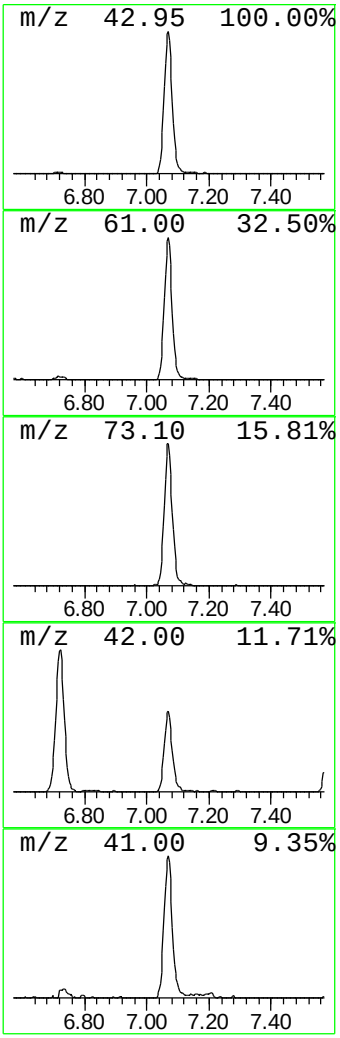
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.20 ug/L	327585	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
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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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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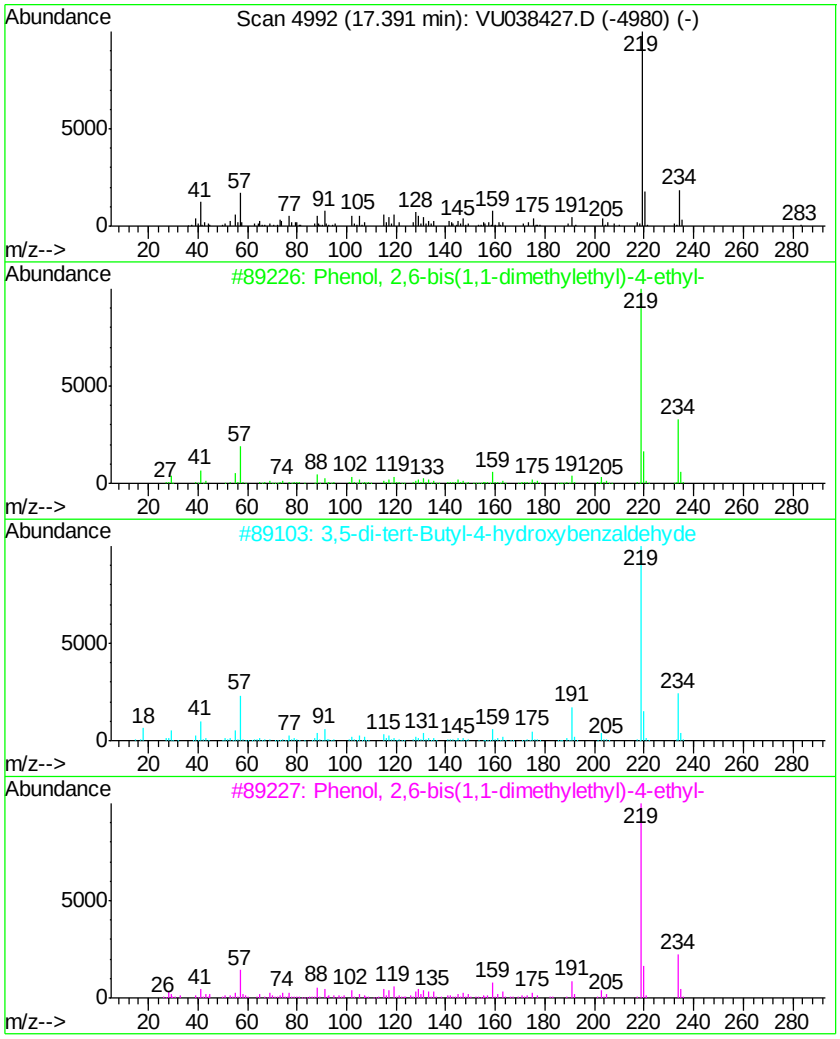
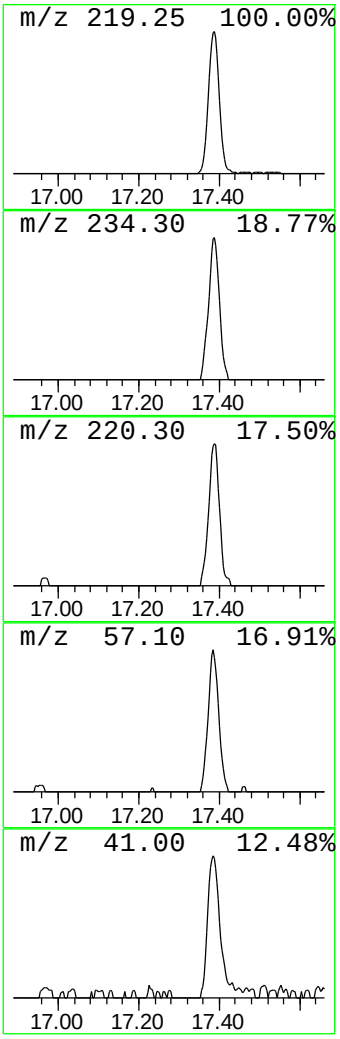
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	0.74 ug/L	137521	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	97
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	83





Tentatively Identified Compound (LSC) summary

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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	0.8	ug/L	119583	1	6.28	743127	5.0
Ethyl Acetate	4.84	2.3	ug/L	344782	1	6.28	743127	5.0
n-Propyl acetate	7.07	2.2	ug/L	327585	1	6.28	743127	5.0
Phenol, 2,6-bis(1...	17.39	0.7	ug/L	137521	3	11.82	933959	5.0