LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038441.D
Acq On : 31 May 2020 02:47
Operator : JC/MD
Sample : L2787-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXA5

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	91999	89851	4.54%	0.640%
2	1.610	75	84	100	rVB	141986	165023	8.34%	1.175%
3	1.932	175	184	196	rBV	114522	147162	7.43%	1.048%
4	2.591	377	389	408	rBV	249718	451713	22.82%	3.215%
5	2.681	408	417	434	rVB2	7091	20495	1.04%	0.146%
6	3.218	568	584	598	rVB	15329	34342	1.73%	0.244%
7	3.395	620	639	654	rVB4	13901	32467	1.64%	0.231%
8	3.735	729	745	760	rBV4	14985	34206	1.73%	0.243%
9	3.909	781	799	819	rBV2	66992	160214	8.09%	1.140%
10	4.575	990	1006	1022	rVB3	22903	56505	2.85%	0.402%
11	4.687	1022	1041	1075	rBV2	221443	820610	41.45%	5.841%
12	4.848	1077	1091	1127	rVB	188947	460012	23.23%	3.275%
13	5.102	1153	1170	1197	rBV2	255777	606999	30.66%	4.321%
14	5.423	1257	1270	1283	rBV4	11189	24440	1.23%	0.174%
15	5.761	1350	1375	1409	rBV2	435440	1142252	57.69%	8.131%
16	6.279	1519	1536	1561	rBV	374685	726073	36.67%	5.168%
17	6.571	1609	1627	1654	rBV	1053467	1979835	100.00%	14.093%
18	6.722	1659	1674	1695	rVB	267754	519260	26.23%	3.696%
19	7.070	1765	1782	1800	rBV	231970	423260	21.38%	3.013%
20	7.591	1931	1944	1961	rBV	138203	242113	12.23%	1.723%
21	7.922	2032	2047	2065	rBV	503681	895468	45.23%	6.374%
22	8.201	2122	2134	2146	rBV2	85839	146757	7.41%	1.045%
23	8.574	2237	2250	2263	rBV2	76594	132412	6.69%	0.943%
24	8.655	2263	2275	2312	rVV	839851	1563458	78.97%	11.129%
25	9.436	2501	2518	2553	rBV	534614	920342	46.49%	6.551%
26	10.771	2918	2933	2949	rBV	215763	354207	17.89%	2.521%
27	11.822	3247	3260	3281	rVB	575917	914153	46.17%	6.507%
28	12.205	3366	3379	3399	rVB	532320	861900	43.53%	6.135%
29	17.384	4980	4990	5003	rBV2	68279	122719	6.20%	0.874%

Sum of corrected areas: 14048248

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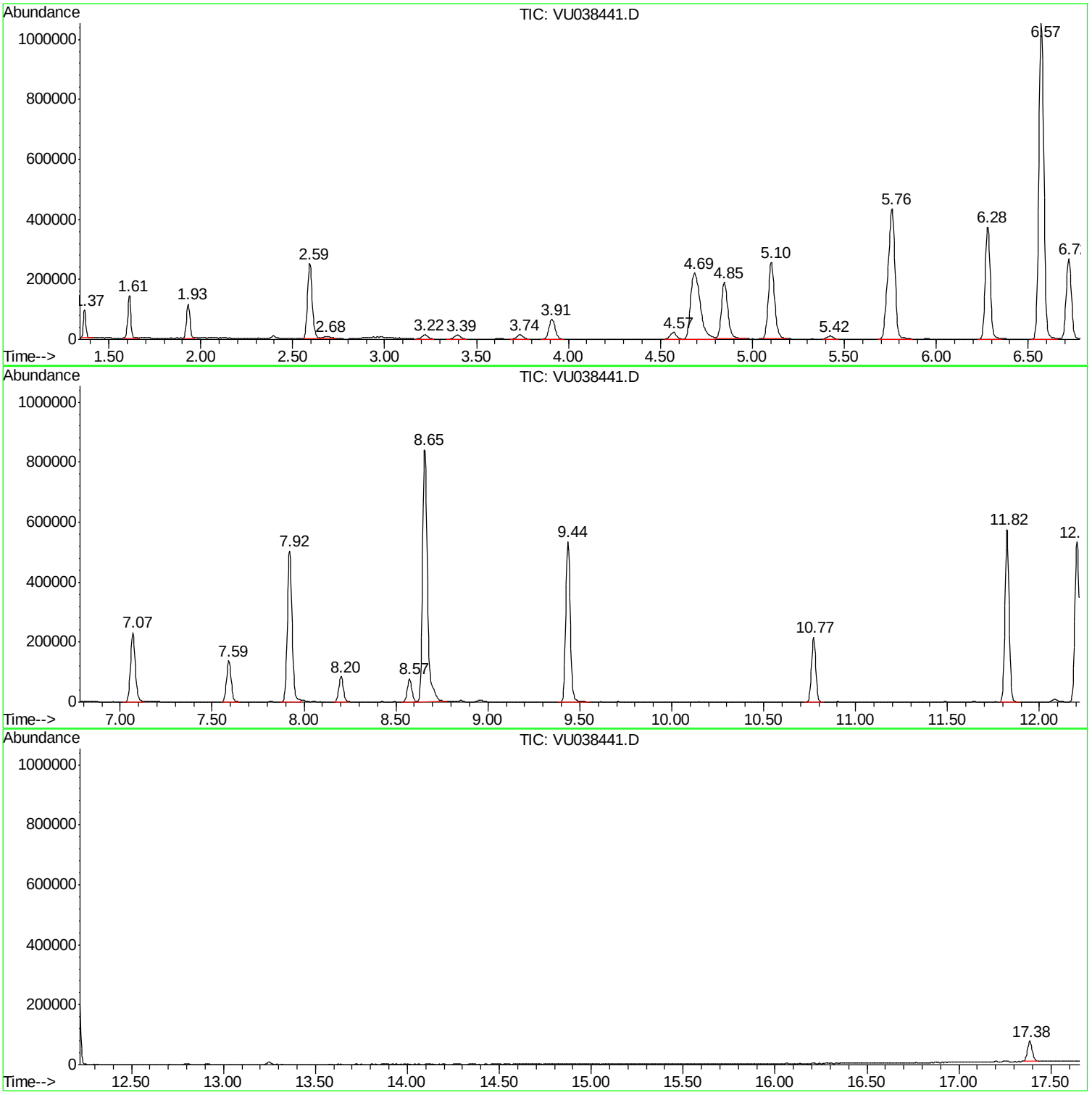
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXA5

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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ClientSampleId : BFXA5

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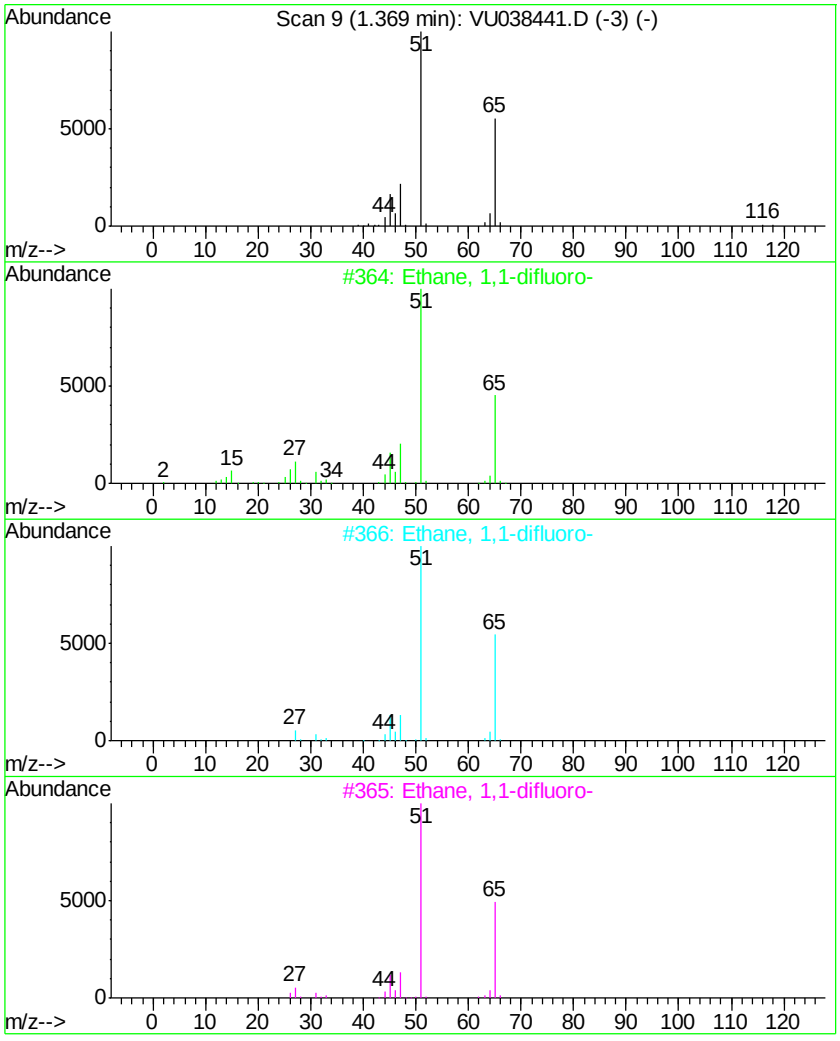
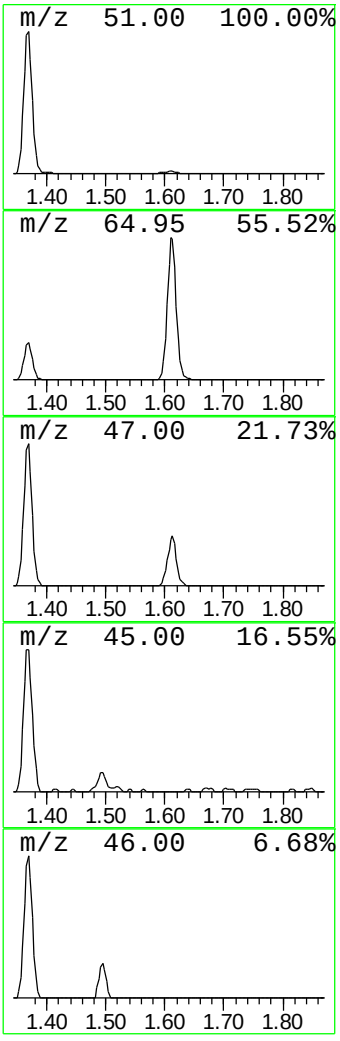
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.62 ug/L	89851	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 : BFXA5

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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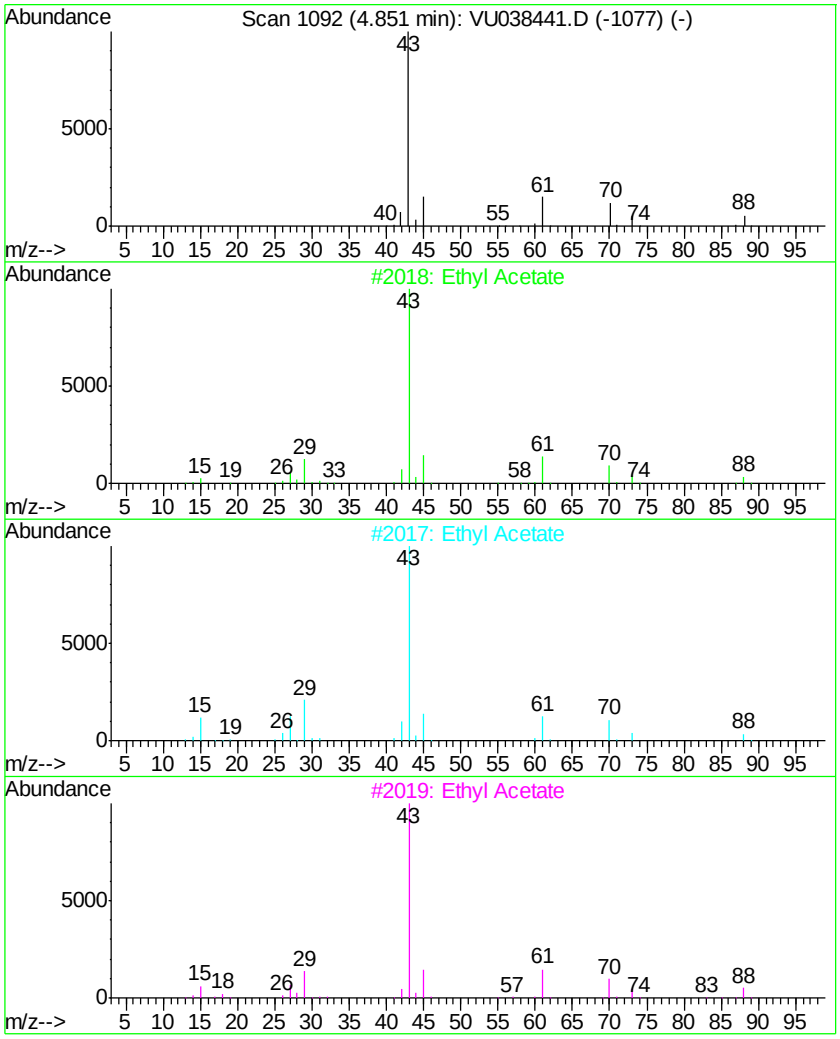
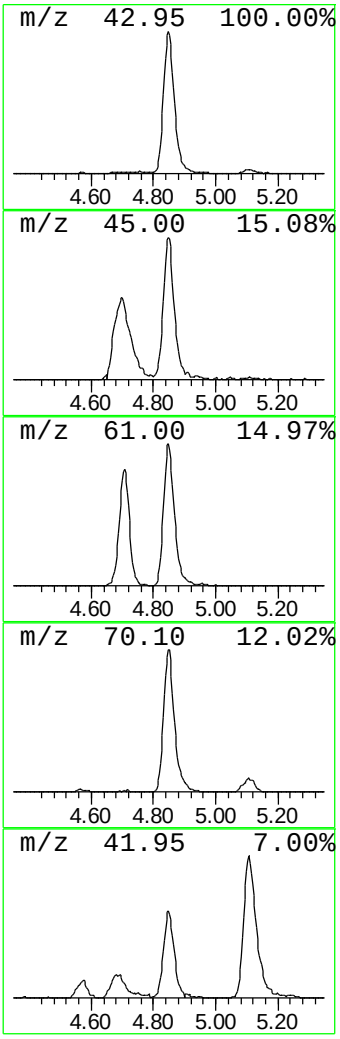
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	3.17 ug/L	460012	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	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXA5

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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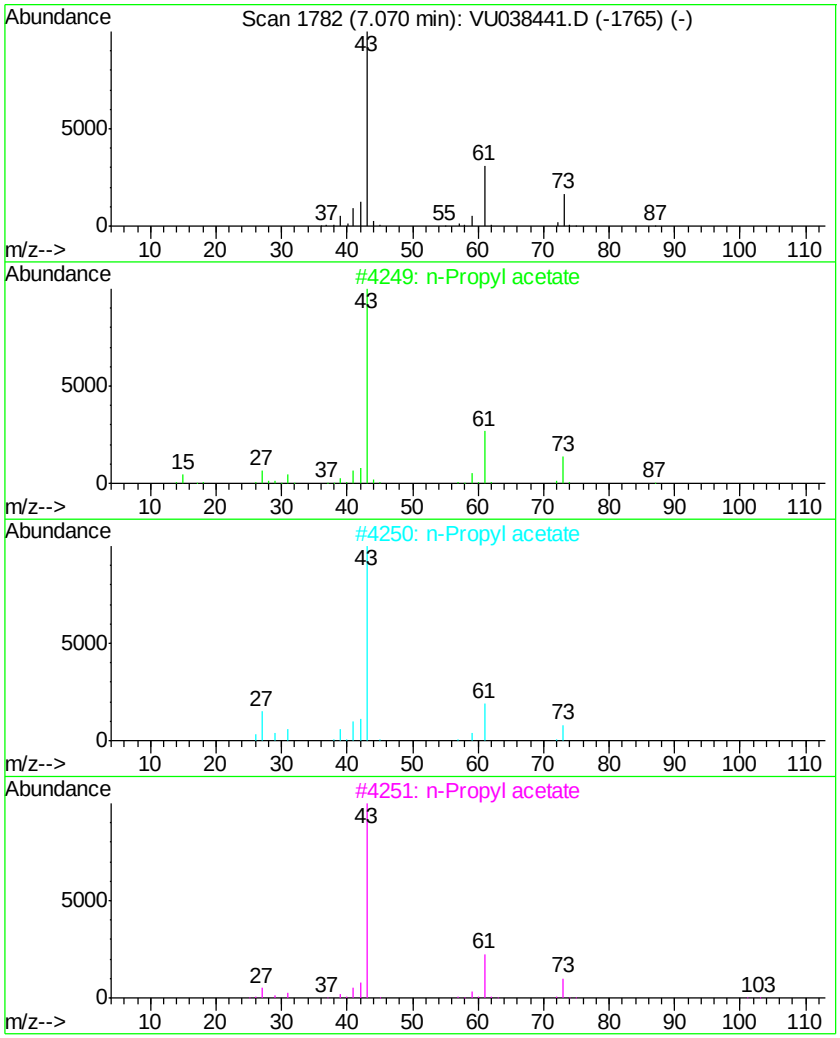
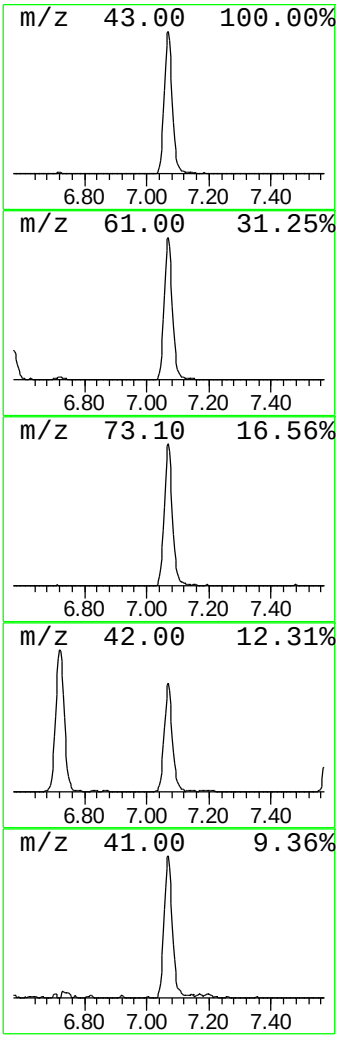
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.91 ug/L	423260	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	64
3	n-Propyl acetate	102	C5H10O2	000109-60-4	40
4	Isobutyl acetate	116	C6H12O2	000110-19-0	9
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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Instrument : MSVOA_U
ClientSampleId : BFXA5

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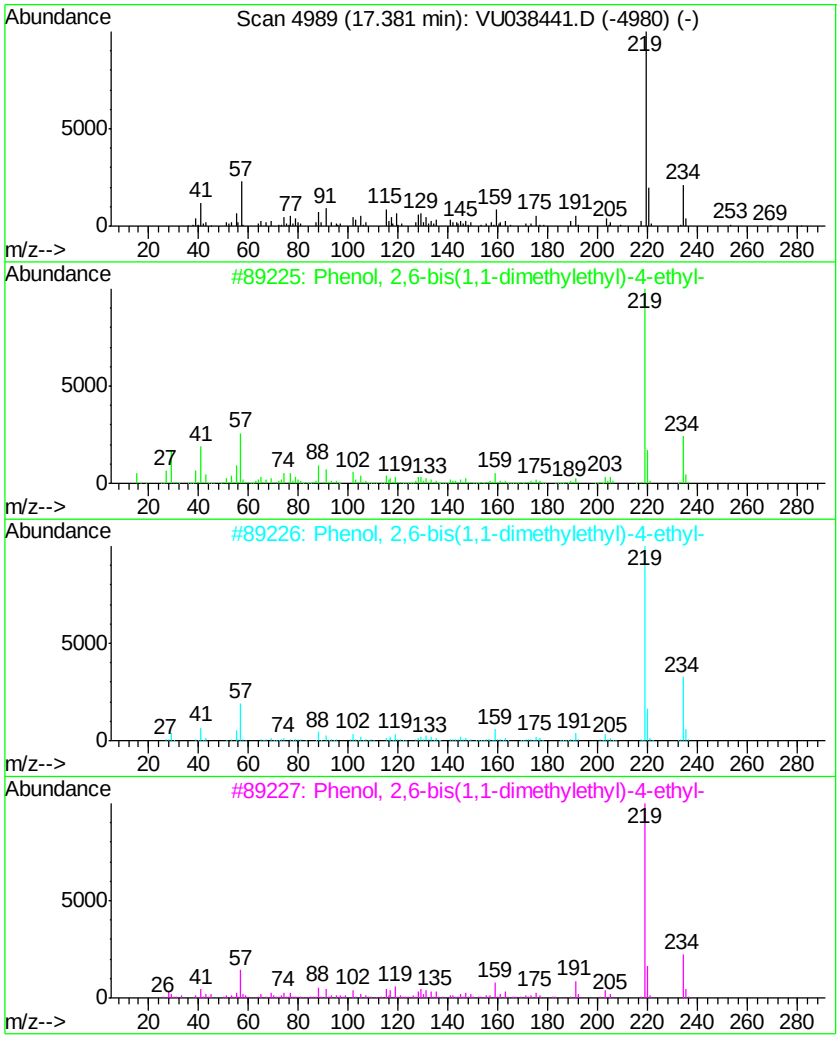
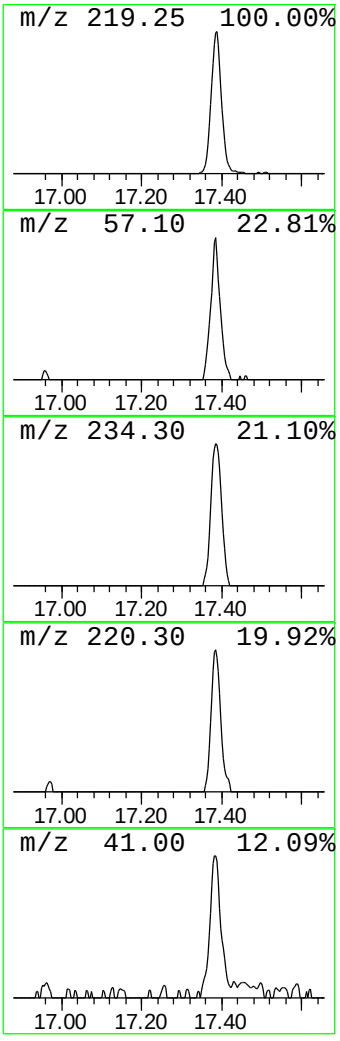
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.67 ug/L	122719	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	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
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	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90





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	0.6	ug/L	89851	1	6.28	726073	5.0
Ethyl Acetate	4.85	3.2	ug/L	460012	1	6.28	726073	5.0
n-Propyl acetate	7.07	2.9	ug/L	423260	1	6.28	726073	5.0
Phenol, 2,6-bis(1...	17.38	0.7	ug/L	122719	3	11.82	914153	5.0