LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038440.D
Acq On : 31 May 2020 02:24
Operator : JC/MD
Sample : L2787-17
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX99

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	19	rVB	116407	113971	7.14%	0.922%
2	1.614	73	85	96	rBV	147479	173167	10.84%	1.400%
3	1.932	174	184	195	rBV	117430	147343	9.22%	1.192%
4	2.591	377	389	404	rBV	245761	409092	25.61%	3.308%
5	2.675	408	415	439	rVB2	9173	28324	1.77%	0.229%
6	3.221	570	585	599	rBV	14478	31375	1.96%	0.254%
7	3.395	625	639	655	rVB4	14049	31763	1.99%	0.257%
8	3.736	731	745	766	rVB3	15899	36976	2.31%	0.299%
9	4.572	987	1005	1021	rBV2	26205	60597	3.79%	0.490%
10	4.681	1021	1039	1076	rVV2	220411	732207	45.84%	5.921%
11	4.848	1076	1091	1123	rVB	167162	401438	25.13%	3.246%
12	5.102	1154	1170	1196	rBV3	274002	719266	45.03%	5.817%
13	5.424	1256	1270	1290	rBB3	11969	27170	1.70%	0.220%
14	5.761	1351	1375	1404	rBV2	437274	1162066	72.75%	9.397%
15	6.279	1520	1536	1572	rBV	386485	752342	47.10%	6.084%
16	6.572	1608	1627	1647	rBV	250138	475979	29.80%	3.849%
17	6.719	1658	1673	1691	rBV	271836	525981	32.93%	4.254%
18	7.067	1767	1781	1804	rBV	164248	298432	18.68%	2.413%
19	7.591	1931	1944	1960	rBV	141304	244584	15.31%	1.978%
20	7.922	2033	2047	2064	rBV	516568	916934	57.41%	7.415%
21	8.202	2122	2134	2152	rBV	92834	152511	9.55%	1.233%
22	8.575	2241	2250	2261	rVB4	11936	19017	1.19%	0.154%
23	8.655	2261	2275	2319	rBV	848222	1597251	100.00%	12.917%
24	9.436	2499	2518	2555	rBV	564027	948445	59.38%	7.670%
25	10.771	2921	2933	2951	rVB	227622	364288	22.81%	2.946%
26	11.825	3248	3261	3274	rBV	590172	932337	58.37%	7.540%
27	12.079	3330	3340	3355	rBV6	7949	16985	1.06%	0.137%
28	12.205	3365	3379	3393	rBV	561231	886767	55.52%	7.171%
29	17.385	4979	4990	5004	rBV2	83354	159098	9.96%	1.287%

Sum of corrected areas: 12365706

LSC Report - Integrated Chromatogram

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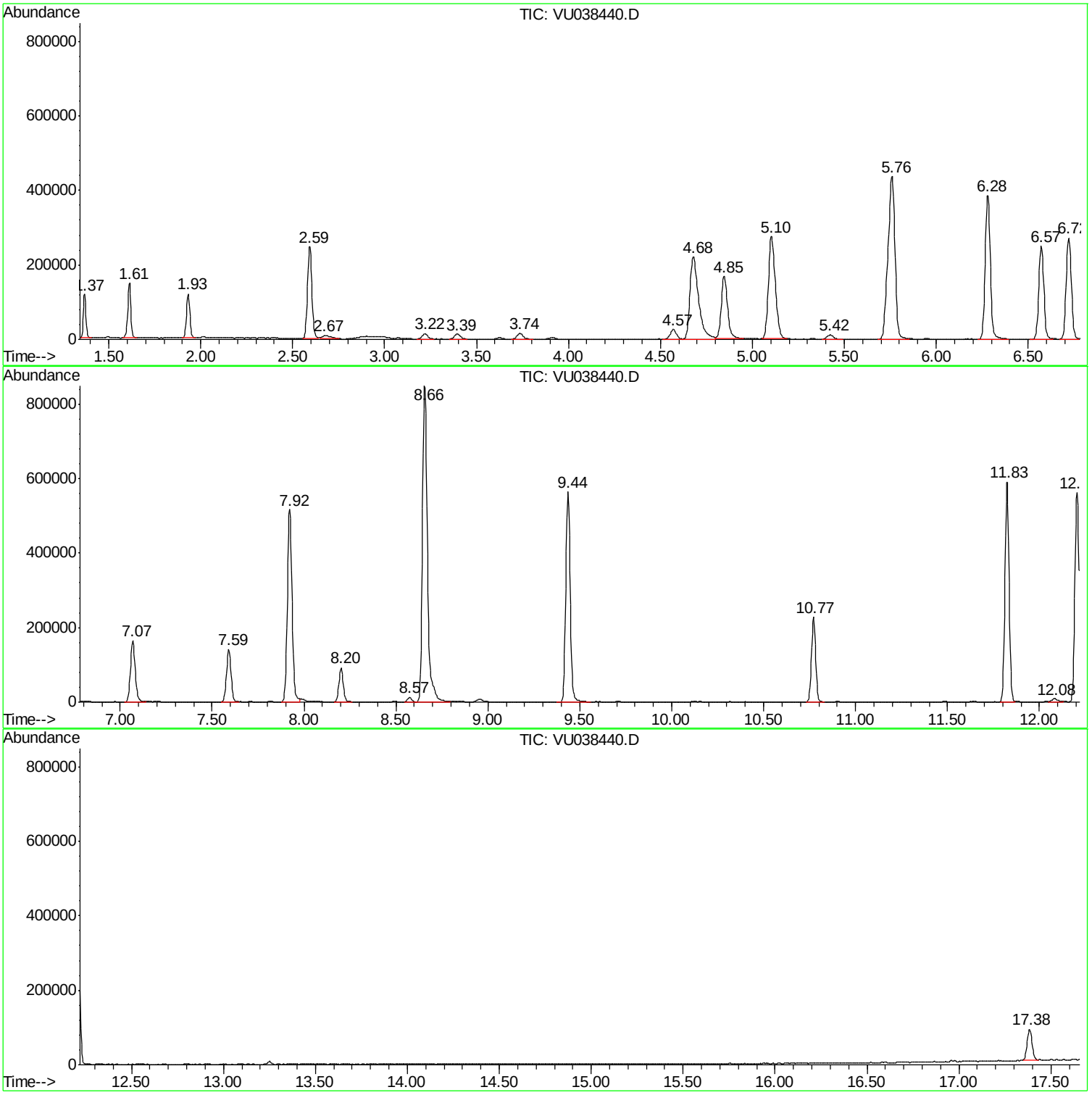
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX99

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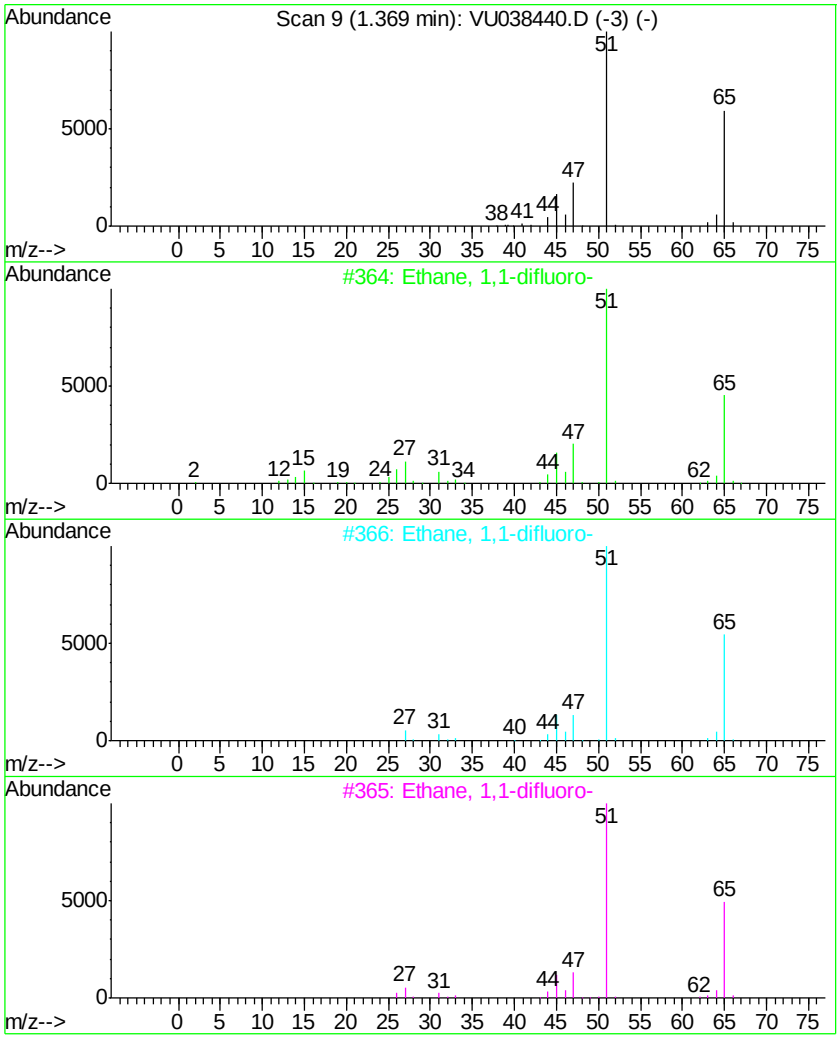
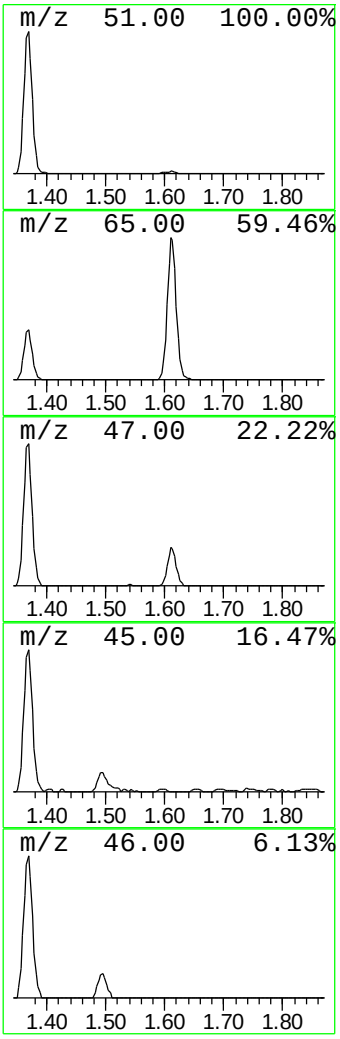
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.76 ug/L	113971	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





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX99

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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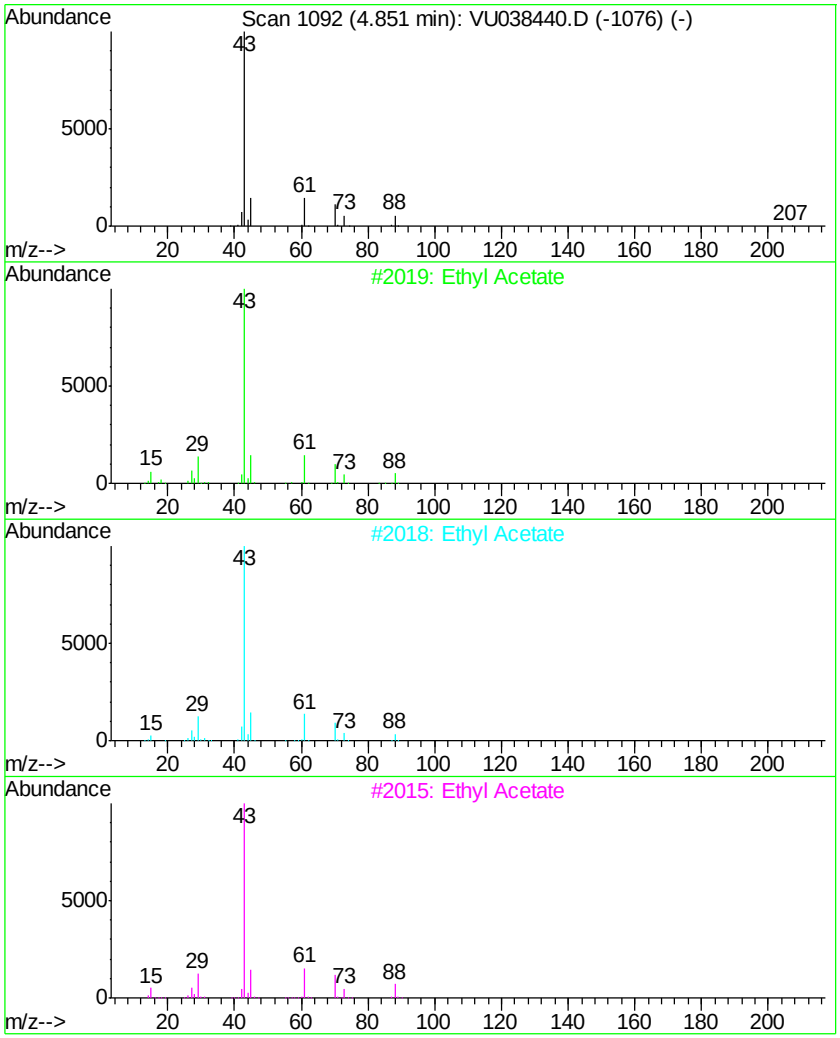
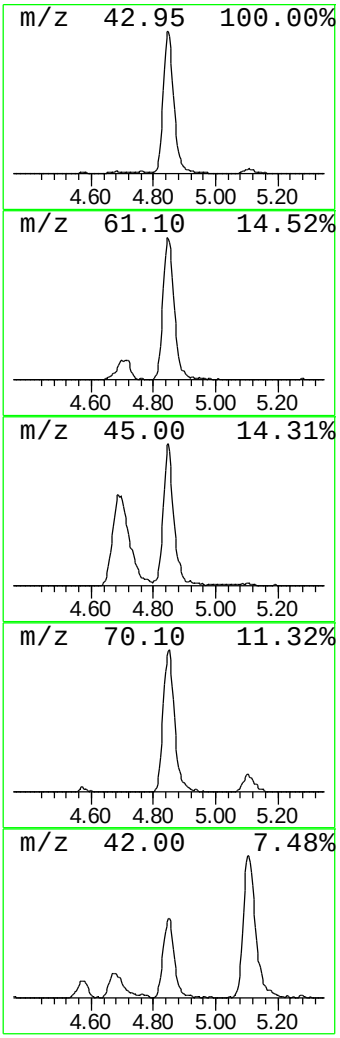
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	2.67 ug/L	401438	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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Library Search Compound Report

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Operator : JC/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX99

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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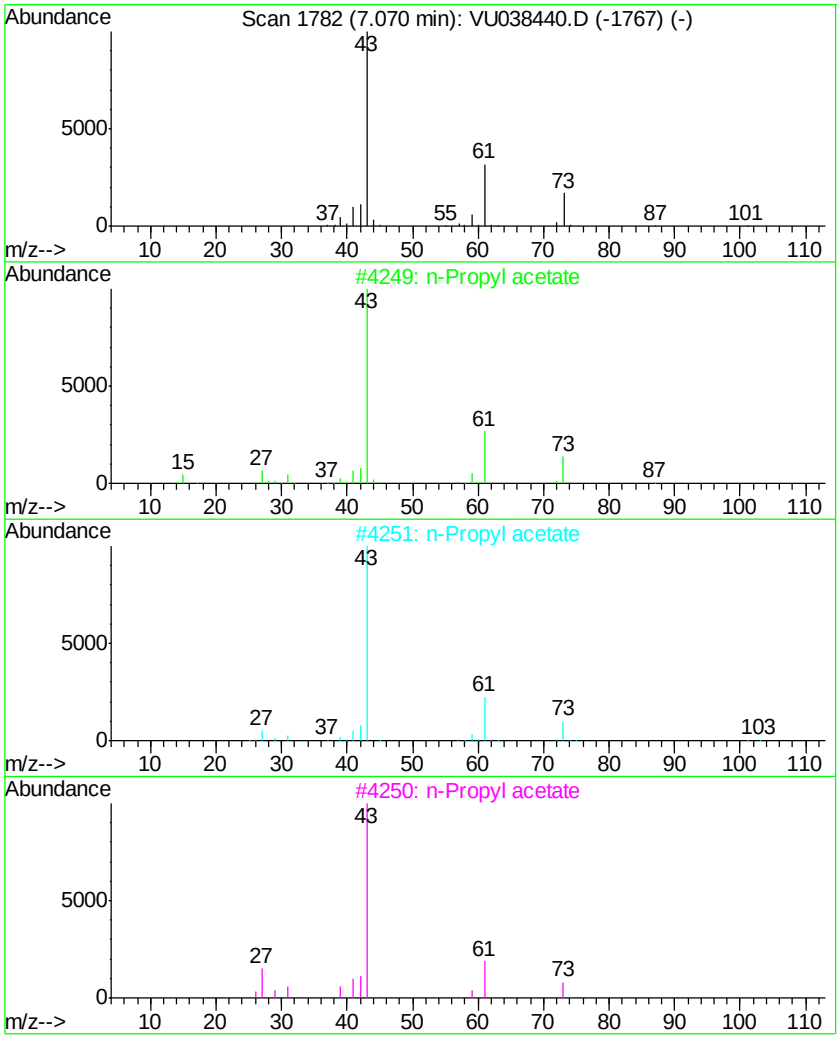
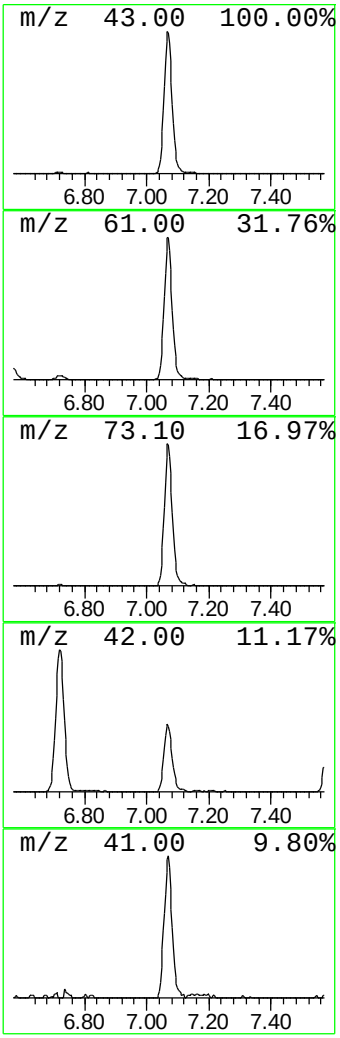
Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	1.98 ug/L	298432	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	40
3	n-Propyl acetate	102	C5H10O2	000109-60-4	9
4	Isopropyl acetate	102	C5H10O2	000108-21-4	9
5	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX99

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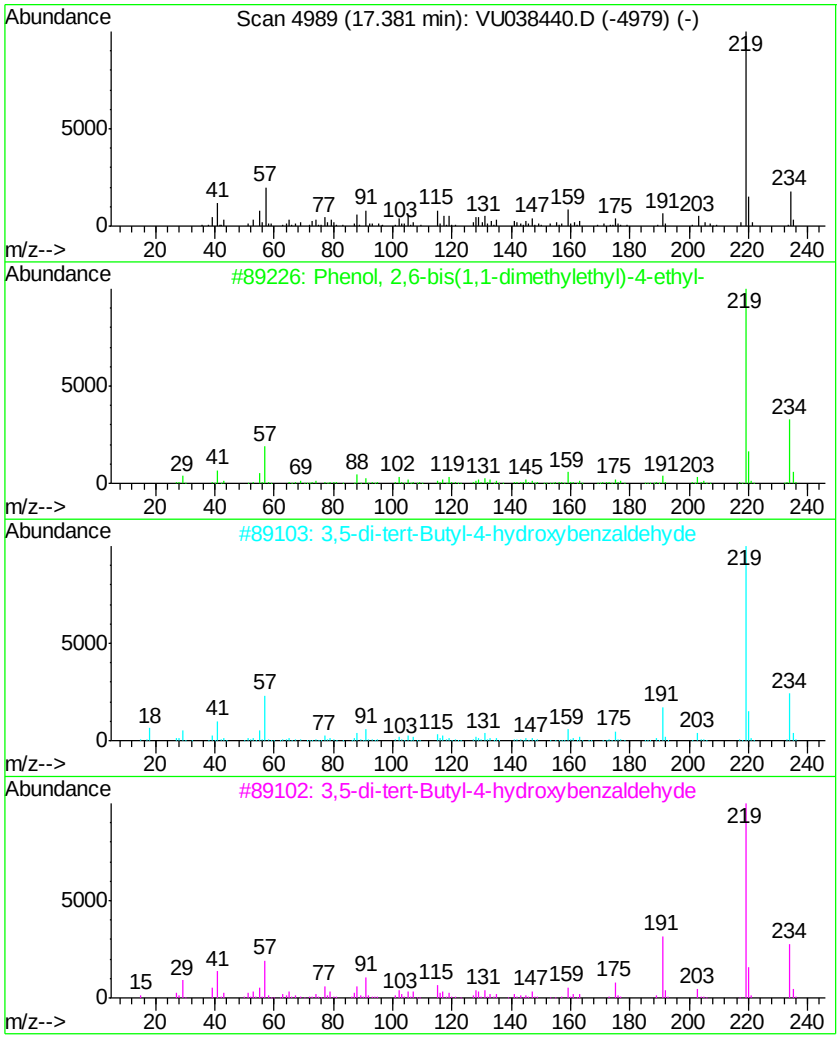
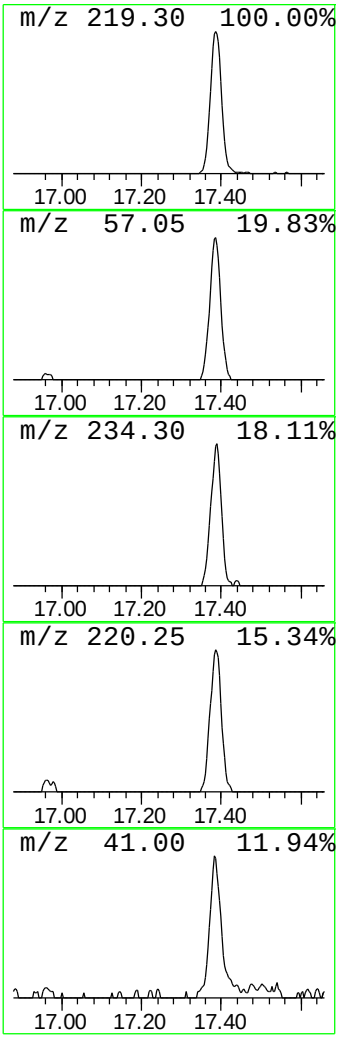
Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.85 ug/L	159098	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	94
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	91
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	90
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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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	113971	1	6.28	752342	5.0
Ethyl Acetate	4.85	2.7	ug/L	401438	1	6.28	752342	5.0
n-Propyl acetate	7.07	2.0	ug/L	298432	1	6.28	752342	5.0
Phenol, 2,6-bis(1...	17.38	0.8	ug/L	159098	3	11.82	932337	5.0