LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038063.D
Acq On : 08 May 2020 01:29
Operator : JC/MD
Sample : L2528-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

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\SOMUTR050720WMA.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	rVB	95111	97460	6.09%	0.701%
2	1.610	75	84	100	rVB	222009	242815	15.18%	1.746%
3	1.929	174	183	192	rBV	172016	220175	13.77%	1.583%
4	2.591	375	389	400	rBV	295009	478825	29.94%	3.444%
5	2.652	400	408	422	rVB	22849	39757	2.49%	0.286%
6	2.784	437	449	466	rBV2	40332	74687	4.67%	0.537%
7	3.215	570	583	598	rBV	15530	36482	2.28%	0.262%
8	4.665	1017	1034	1076	rBV3	282211	776584	48.55%	5.585%
9	4.842	1076	1089	1116	rVB3	73437	165575	10.35%	1.191%
10	5.099	1152	1169	1192	rBV3	289182	698455	43.67%	5.023%
11	5.758	1352	1374	1400	rBV2	537112	1385040	86.60%	9.961%
12	6.279	1521	1536	1557	rBV	470050	887755	55.51%	6.385%
13	6.572	1612	1627	1647	rBV	564487	1051752	65.76%	7.564%
14	6.719	1658	1673	1691	rBV	333960	650443	40.67%	4.678%
15	7.067	1769	1781	1796	rBV	48168	84932	5.31%	0.611%
16	7.591	1931	1944	1960	rBV	170093	293239	18.33%	2.109%
17	7.922	2032	2047	2081	rBV	657348	1186252	74.17%	8.532%
18	8.202	2122	2134	2151	rBV	103209	174040	10.88%	1.252%
19	8.571	2238	2249	2262	rBV2	46719	79246	4.95%	0.570%
20	8.655	2262	2275	2311	rBV	823359	1599406	100.00%	11.503%
21	9.436	2504	2518	2537	rBV	656994	1123273	70.23%	8.079%
22	10.771	2921	2933	2951	rVB	240239	381805	23.87%	2.746%
23	11.825	3247	3261	3280	rBV	673414	1075667	67.25%	7.736%
24	12.205	3366	3379	3394	rVB	615899	992024	62.02%	7.135%
25	17.375	4977	4987	5001	rBV2	60788	108668	6.79%	0.782%

Sum of corrected areas: 13904357

LSC Report - Integrated Chromatogram

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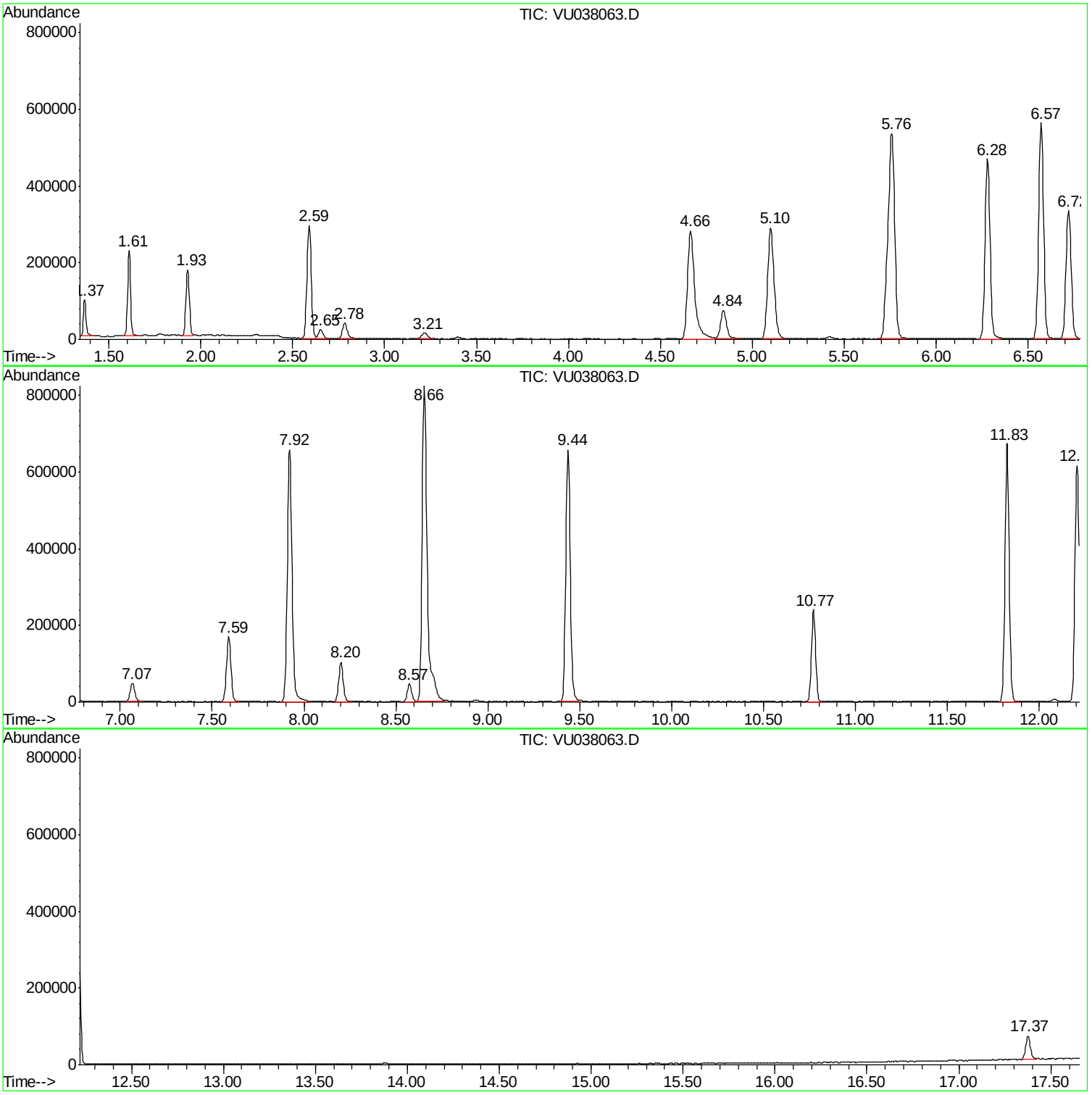
Instrument : MSVOA_U
ClientSampleId : BFSL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.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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Data File : VU038063.D
Acq On : 08 May 2020 01:29
Operator : JC/MD
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Instrument : MSVOA_U
ClientSampleId : BFSL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

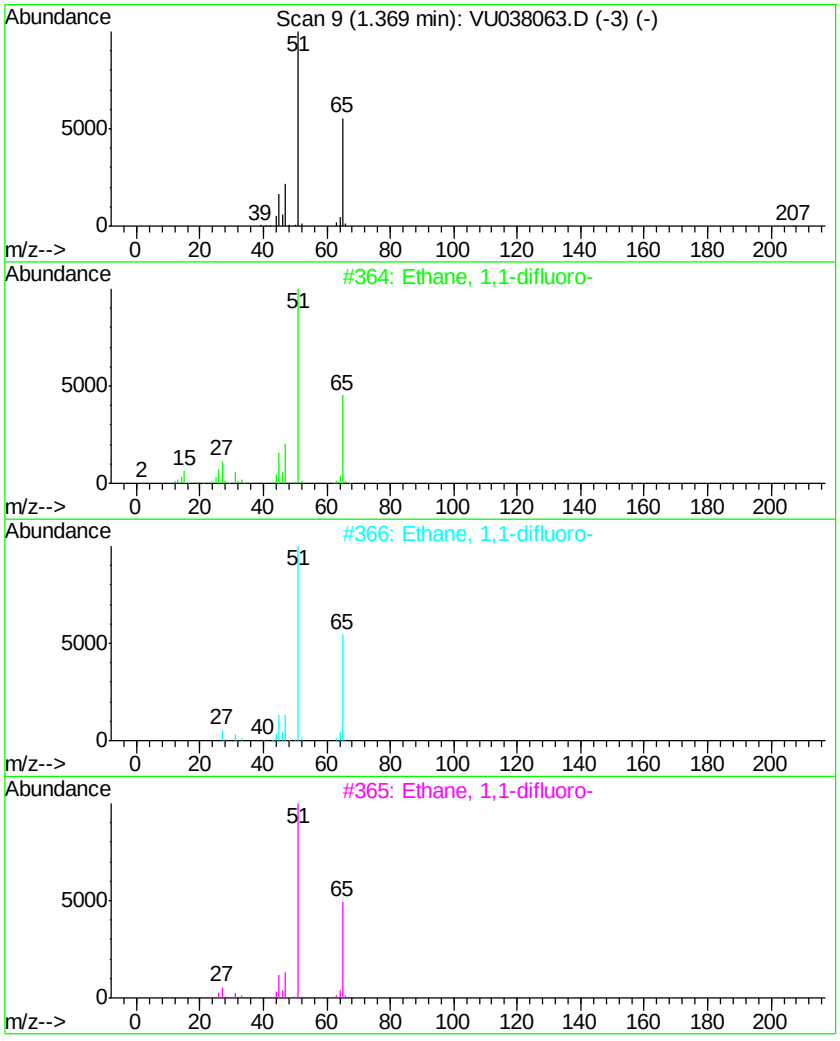
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

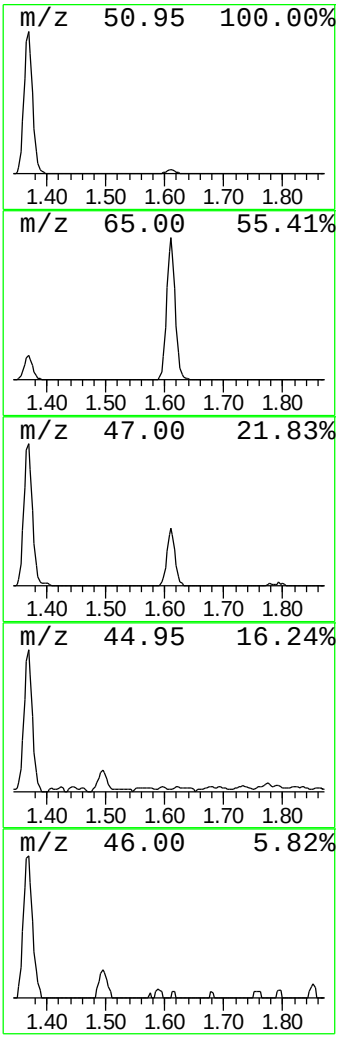
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.55 ug/L	97460	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	91
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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Operator : JC/MD
Sample : L2528-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

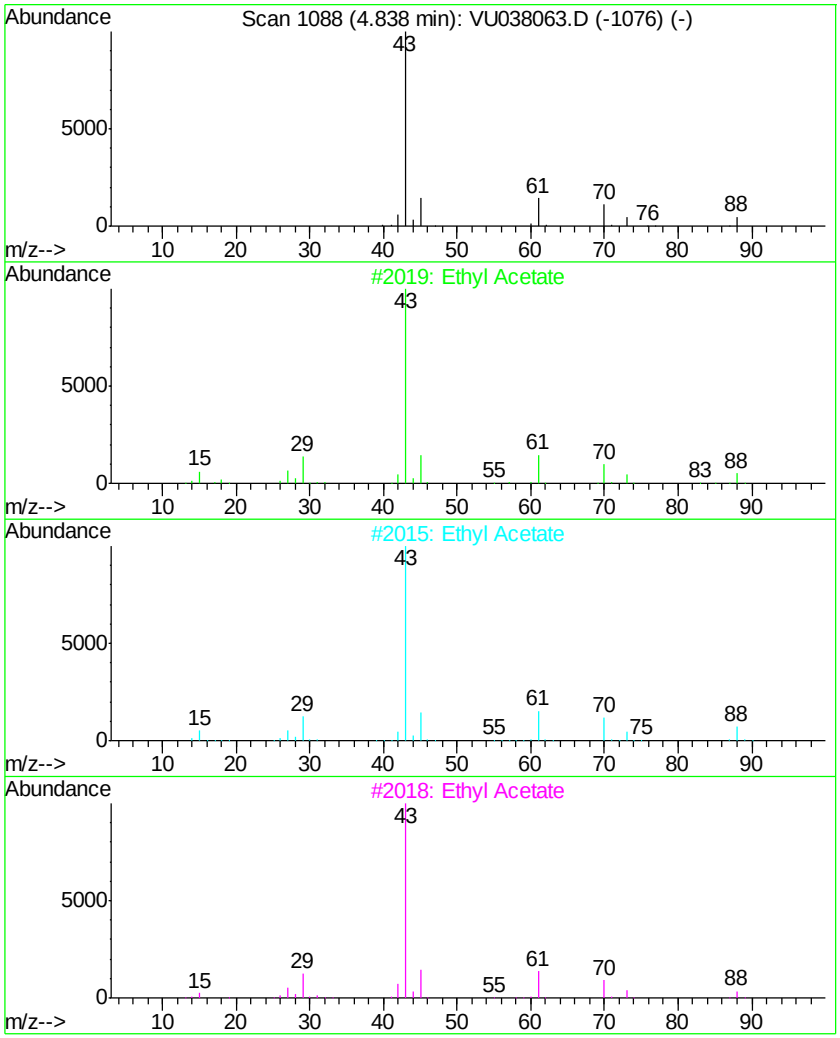
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

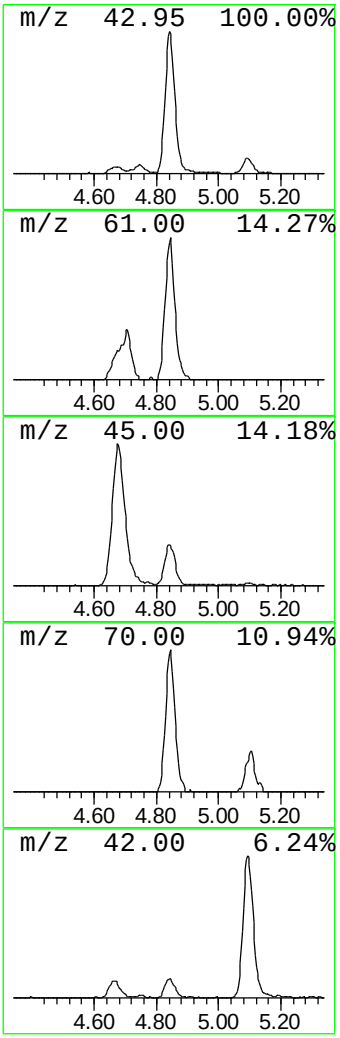
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.93 ug/L	165575	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	72
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSL0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

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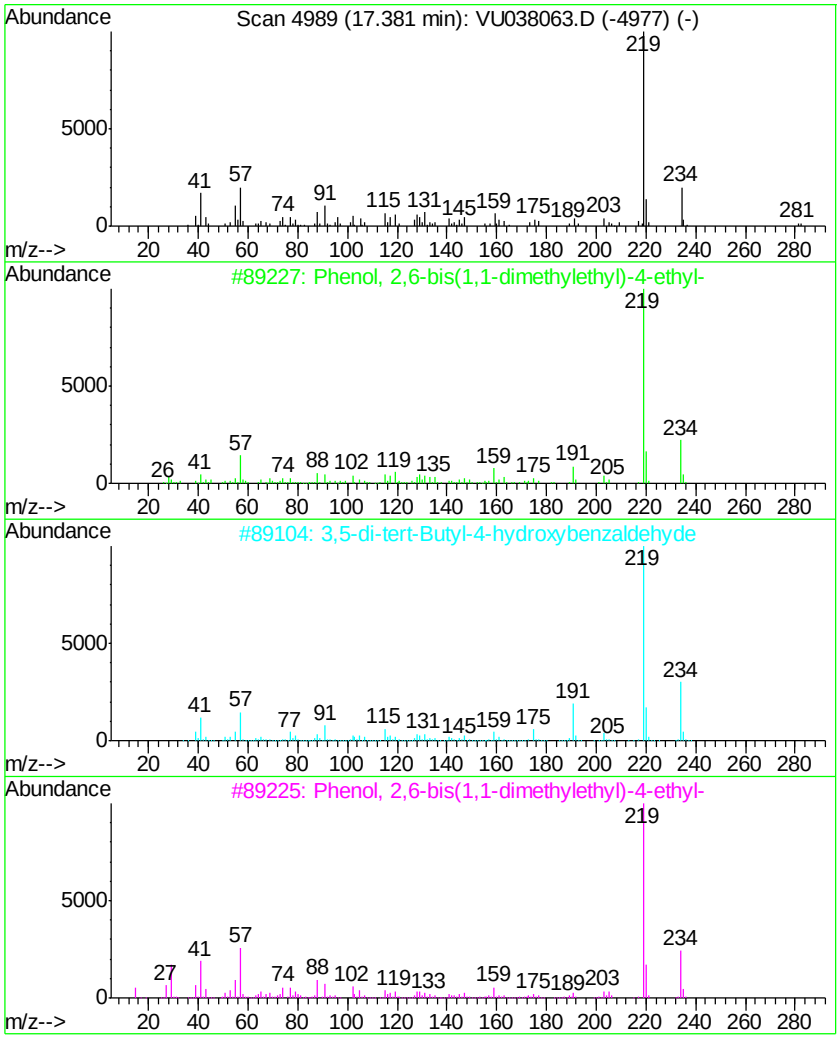
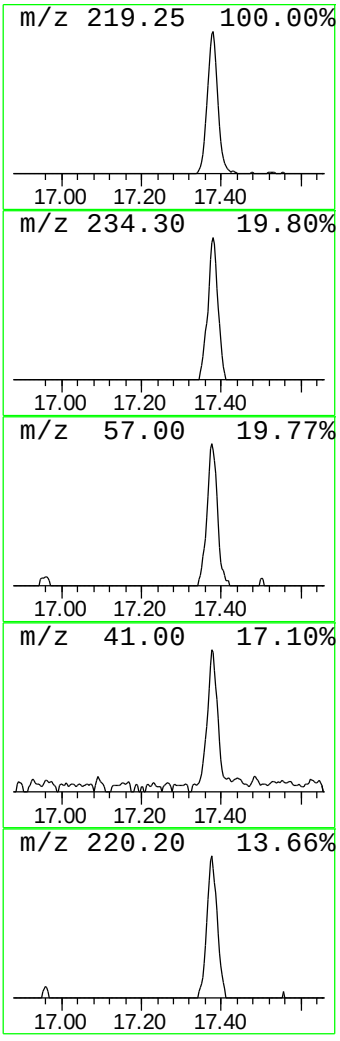
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.51 ug/L	108668	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	90
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	83
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	78





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	0.6	ug/L	97460	1	6.28	887755	5.0
Ethyl Acetate	4.84	0.9	ug/L	165575	1	6.28	887755	5.0
Phenol, 2,6-bis(1...	17.38	0.5	ug/L	108668	3	11.83	1075670	5.0