LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
Data File : VU038443.D
Acq On : 31 May 2020 03:33
Operator : JC/MD
Sample : L2787-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXA7

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	18	rBV	83123	81986	5.09%	0.711%
2	1.610	73	84	95	rBV	147155	171645	10.65%	1.489%
3	1.932	174	184	202	rVB	116460	154176	9.57%	1.337%
4	2.591	377	389	406	rBV	243554	402166	24.96%	3.488%
5	3.218	570	584	597	rVB	7547	16541	1.03%	0.143%
6	3.398	627	640	658	rVB4	14731	33461	2.08%	0.290%
7	3.736	729	745	763	rBV3	16151	37482	2.33%	0.325%
8	4.572	987	1005	1021	rVB4	26526	64930	4.03%	0.563%
9	4.681	1021	1039	1077	rBV	199197	689715	42.81%	5.982%
10	4.848	1077	1091	1118	rVB2	156085	374061	23.22%	3.244%
11	5.102	1154	1170	1203	rBV2	252296	581341	36.08%	5.042%
12	5.420	1254	1269	1284	rBV4	11042	25180	1.56%	0.218%
13	5.761	1352	1375	1404	rBV2	443358	1160217	72.01%	10.063%
14	6.279	1517	1536	1557	rBV	368645	716134	44.45%	6.211%
15	6.723	1658	1674	1693	rBV	270920	530252	32.91%	4.599%
16	7.070	1770	1782	1804	rBV	173193	316127	19.62%	2.742%
17	7.591	1927	1944	1963	rBV	139384	245204	15.22%	2.127%
18	7.922	2033	2047	2064	rBV	515942	917257	56.93%	7.956%
19	8.202	2122	2134	2147	rBV	89733	149319	9.27%	1.295%
20	8.658	2261	2276	2315	rBV	850180	1611210	100.00%	13.975%
21	8.957	2358	2369	2388	rBV5	10357	25252	1.57%	0.219%
22	9.436	2504	2518	2542	rBV	538765	914485	56.76%	7.932%
23	10.771	2921	2933	2951	rVB	231182	364167	22.60%	3.159%
24	11.822	3247	3260	3275	rBV	570769	908365	56.38%	7.879%
25	12.082	3331	3341	3354	rBV4	8684	17814	1.11%	0.155%
26	12.205	3366	3379	3396	rVB	553559	885697	54.97%	7.682%
27	17.384	4980	4990	5005	rBV2	75013	135117	8.39%	1.172%

Sum of corrected areas: 11529301

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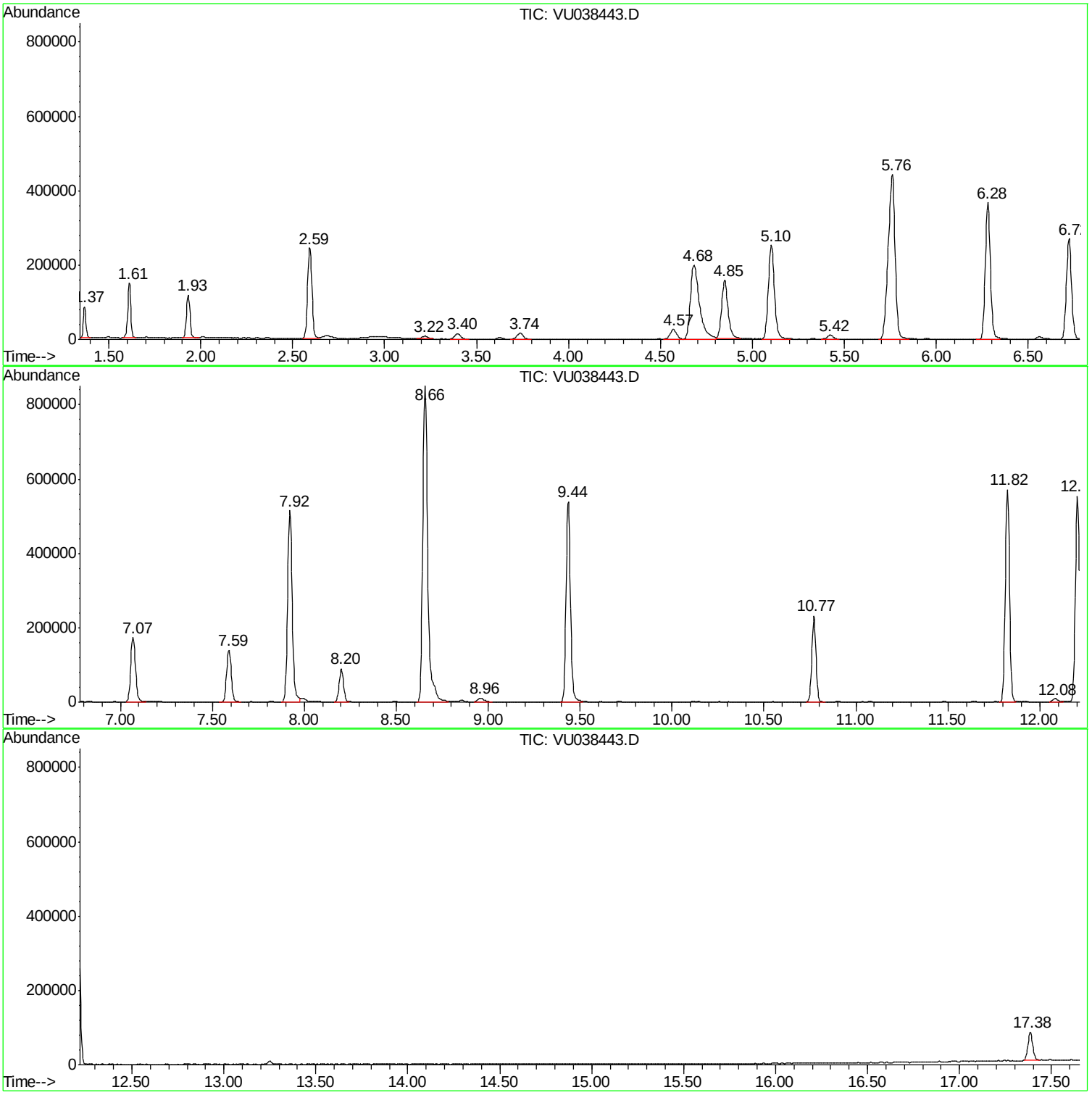
Instrument :
MSVOA_U
ClientSampleId :
BFXA7

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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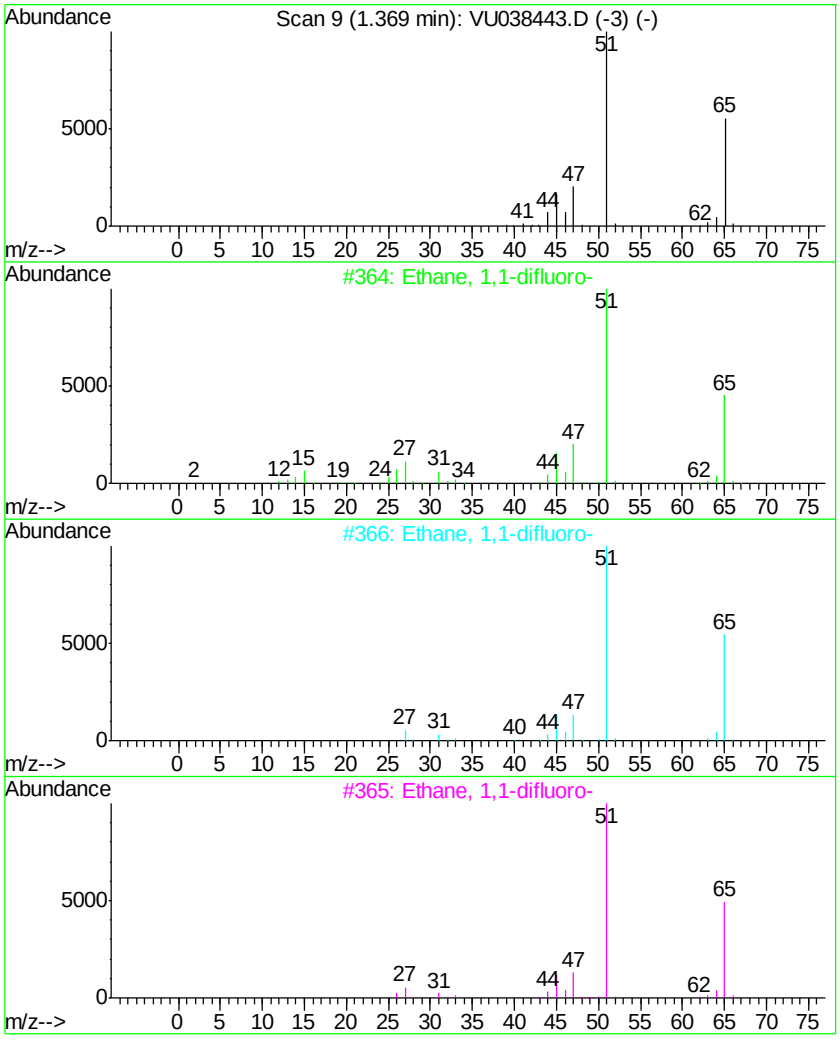
TIC Integration Parameters: LSCINT.P

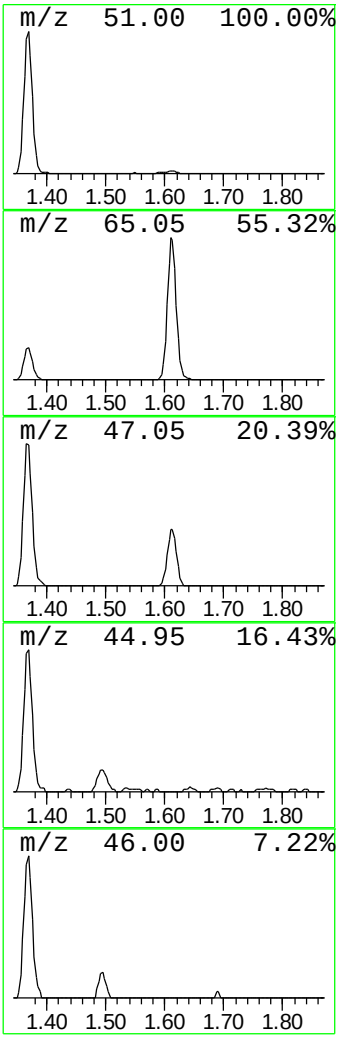
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.57 ug/L	81986	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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ClientSampleId : BFXA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

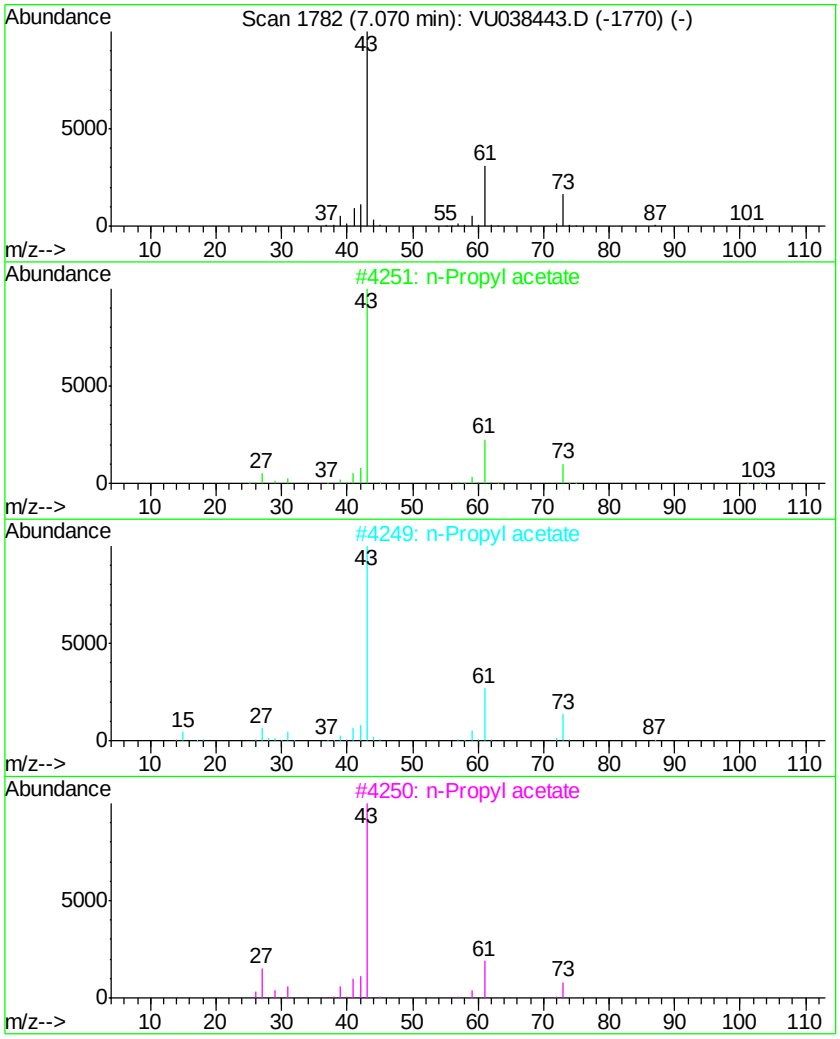
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

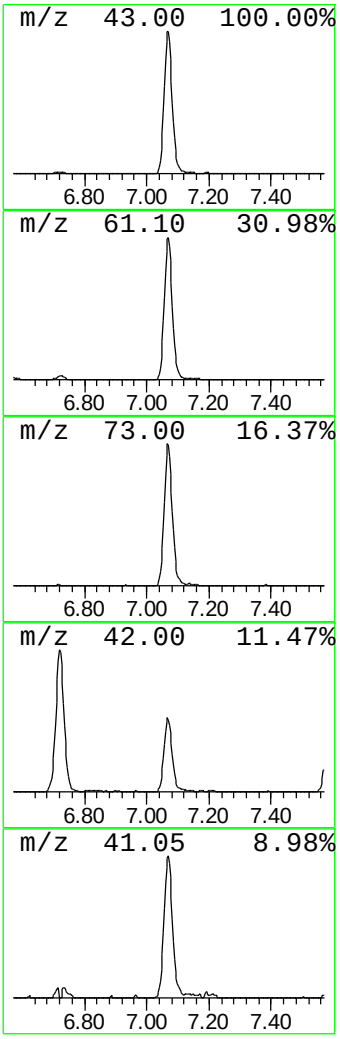
****

Peak Number 2 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.21 ug/L	316127	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	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	56
4	Isopropyl acetate	102	C5H10O2	000108-21-4	36
5	Isopropyl acetate	102	C5H10O2	000108-21-4	33





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ClientSampleId : BFXA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

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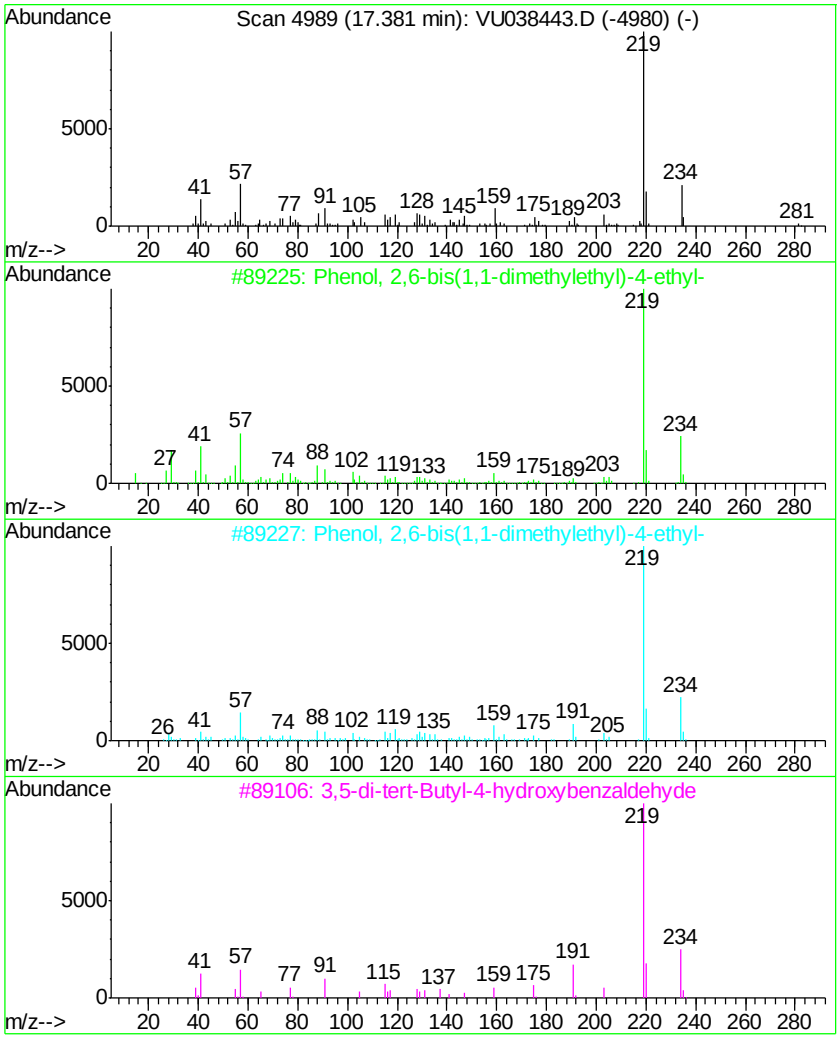
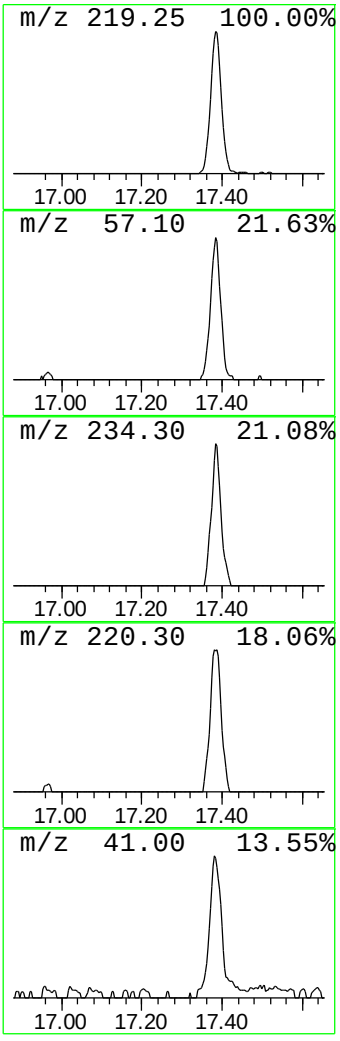
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	0.74 ug/L	135117	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	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	83





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	0.6	ug/L	81986	1	6.28	716134	5.0
n-Propyl acetate	7.07	2.2	ug/L	316127	1	6.28	716134	5.0
Phenol, 2,6-bis(1...	17.38	0.7	ug/L	135117	3	11.82	908365	5.0