LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
Data File : VU038049.D
Acq On : 07 May 2020 19:18
Operator : JC/MD
Sample : L2527-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSJ9

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	21	rBV	106674	108971	6.36%	0.737%
2	1.610	75	84	93	rBV	223223	242670	14.17%	1.640%
3	1.928	175	183	195	rVB	173179	219658	12.83%	1.485%
4	2.591	376	389	400	rBV	296069	482726	28.19%	3.263%
5	2.652	400	408	426	rVB	27264	47423	2.77%	0.321%
6	2.784	436	449	466	rBV	58517	109982	6.42%	0.743%
7	3.218	569	584	602	rVB	21378	47374	2.77%	0.320%
8	3.395	624	639	656	rBV4	20436	46596	2.72%	0.315%
9	3.732	730	744	760	rBV2	24231	54327	3.17%	0.367%
10	4.568	987	1004	1018	rBV3	18659	45328	2.65%	0.306%
11	4.665	1018	1034	1075	rBV3	285737	812590	47.45%	5.493%
12	5.099	1151	1169	1195	rBV3	284948	689753	40.28%	4.662%
13	5.420	1254	1269	1285	rBV4	18979	42521	2.48%	0.287%
14	5.758	1353	1374	1395	rBV2	530385	1362160	79.54%	9.208%
15	6.279	1518	1536	1566	rBV	460043	873748	51.02%	5.906%
16	6.571	1610	1627	1650	rBV	917758	1712547	100.00%	11.576%
17	6.722	1659	1674	1693	rBV	329983	641421	37.45%	4.336%
18	7.591	1931	1944	1959	rBV	170084	294936	17.22%	1.994%
19	7.922	2033	2047	2079	rBV	651369	1182093	69.03%	7.990%
20	8.201	2119	2134	2151	rBV	103907	175748	10.26%	1.188%
21	8.574	2238	2250	2263	rBV	181777	311459	18.19%	2.105%
22	8.655	2263	2275	2317	rVB	819160	1536891	89.74%	10.389%
23	9.436	2505	2518	2542	rBV	657873	1120999	65.46%	7.578%
24	10.770	2921	2933	2949	rBV	229955	368017	21.49%	2.488%
25	11.825	3248	3261	3281	rBV	675758	1070191	62.49%	7.234%
26	12.205	3366	3379	3393	rBV	617237	979466	57.19%	6.621%
27	17.378	4977	4988	5000	rBV2	117352	214142	12.50%	1.448%

Sum of corrected areas: 14793737

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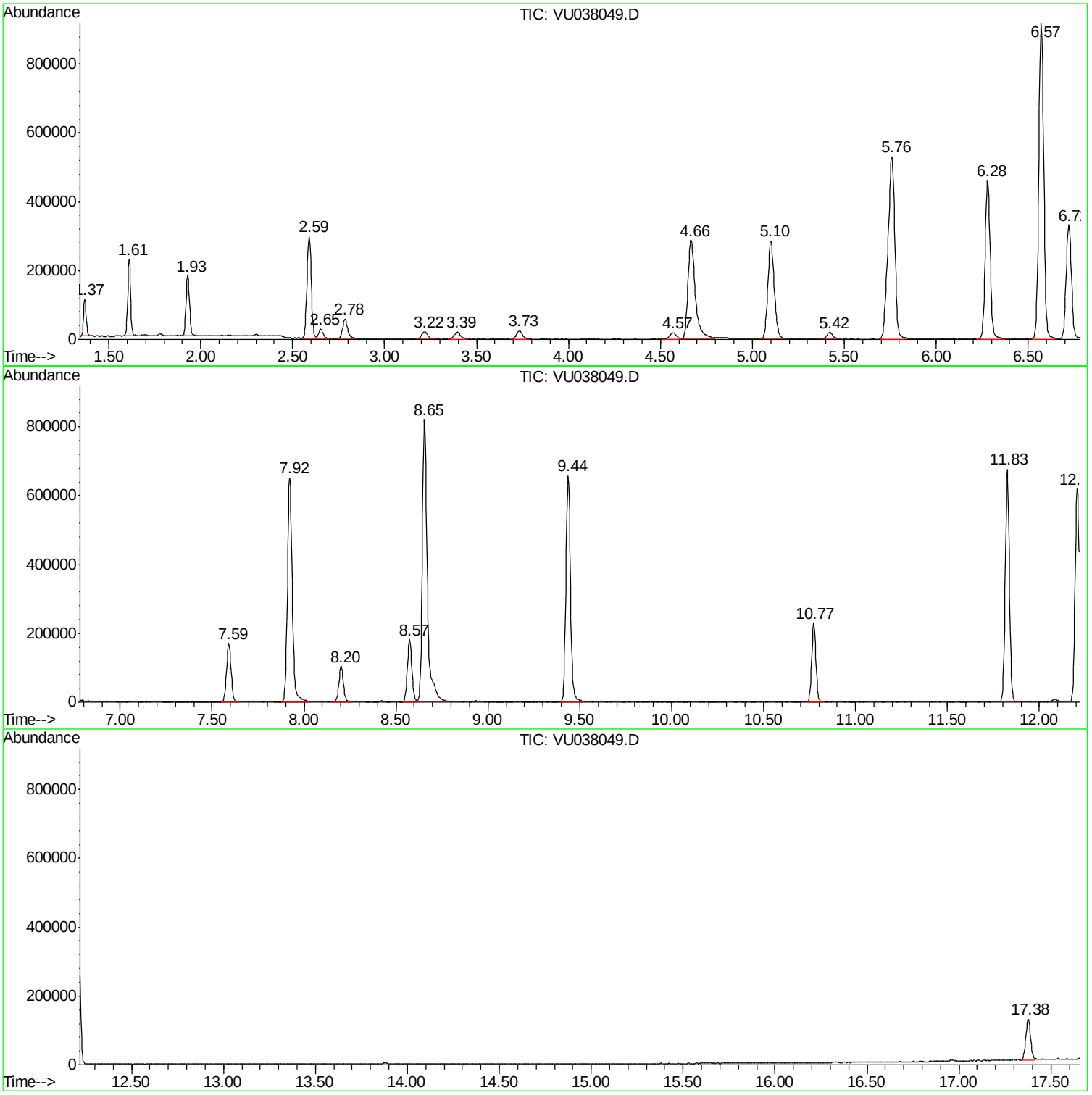
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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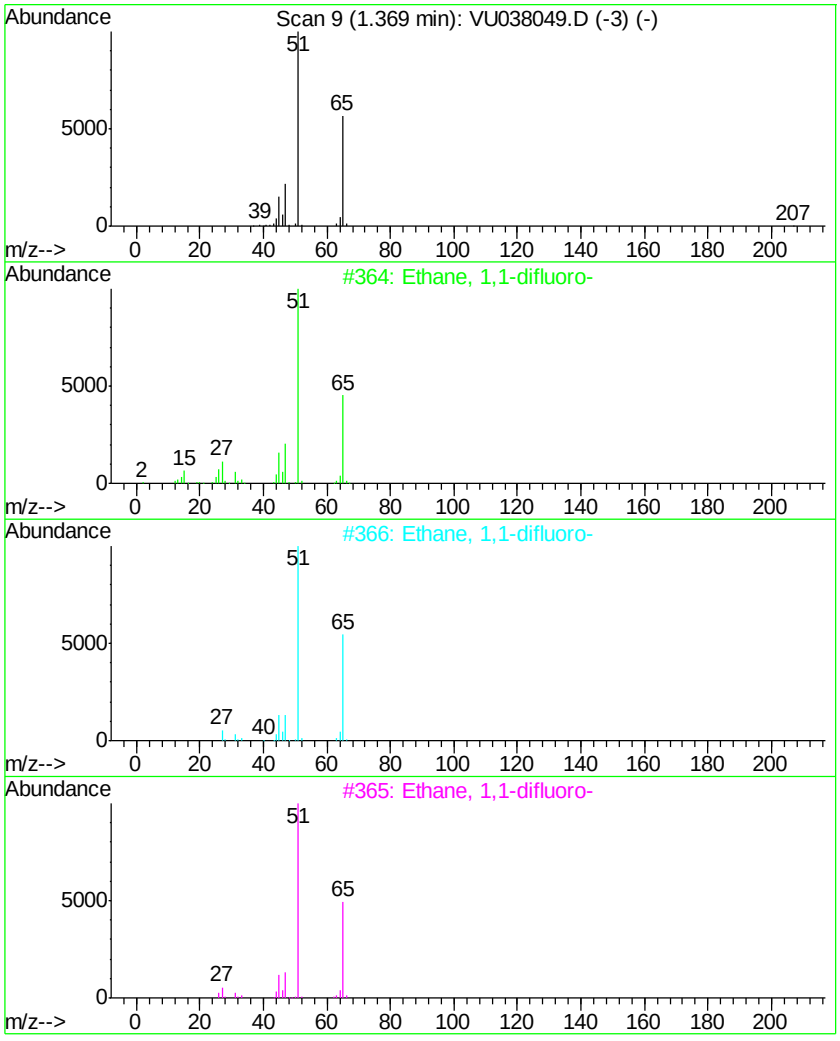
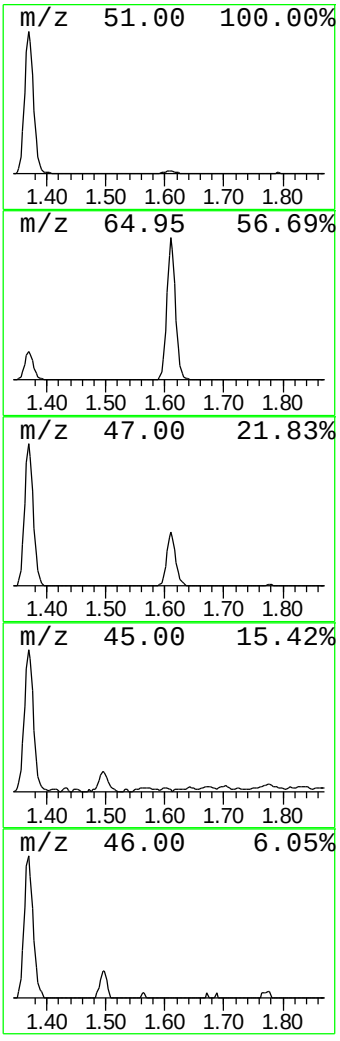
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.62 ug/L	108971	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





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ClientSampleId : BFSJ9

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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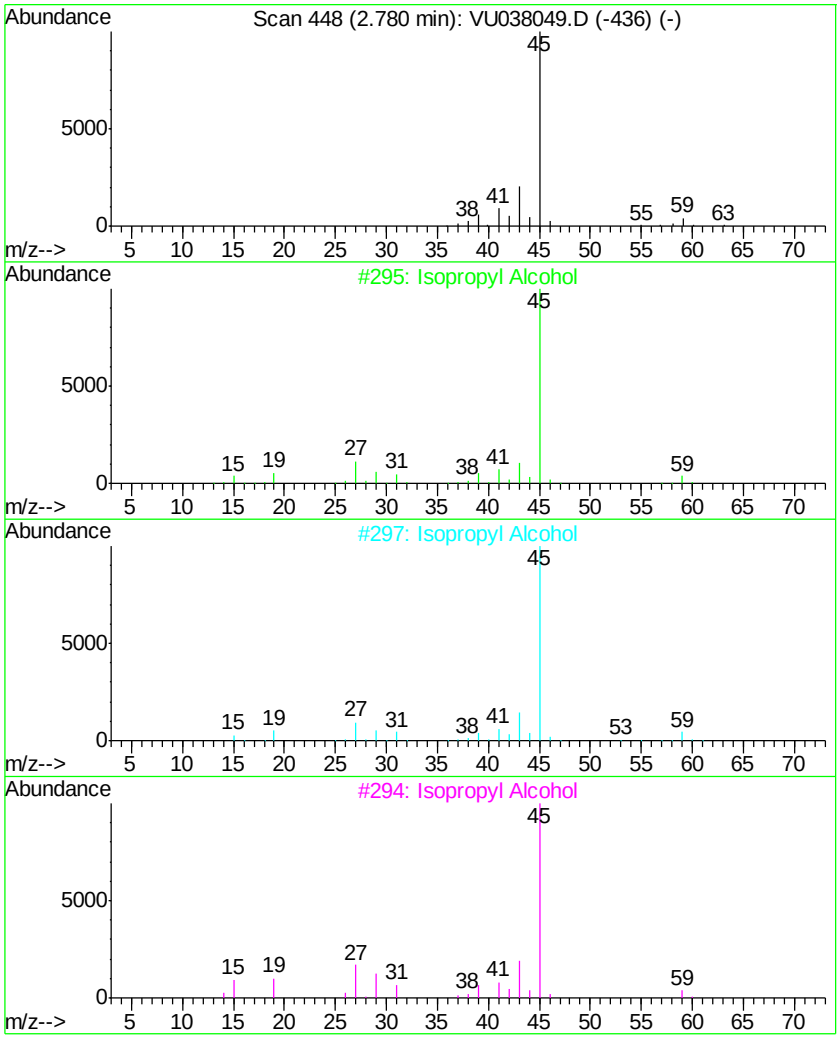
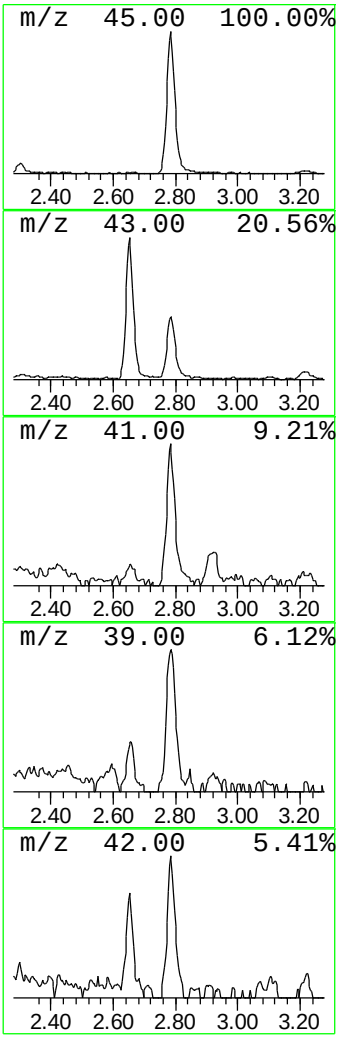
Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	0.63 ug/L	109982	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40





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ClientSampleId : BFSJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
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TIC Integration Parameters: LSCINT.P

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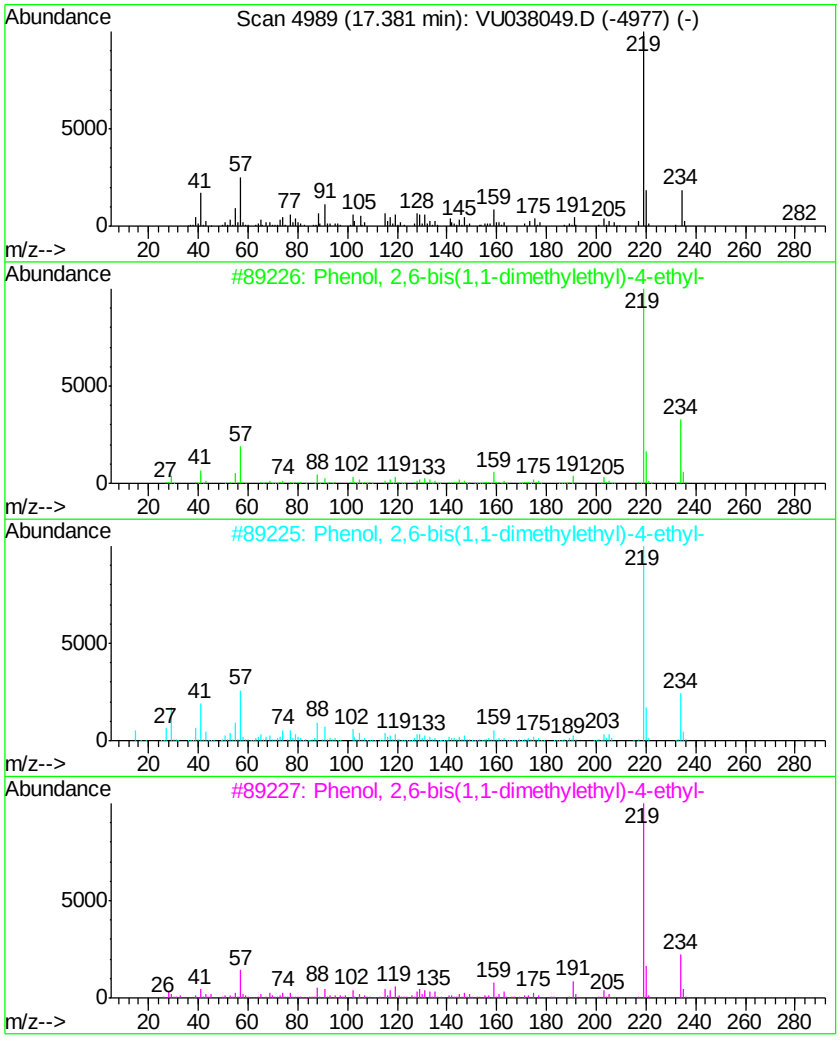
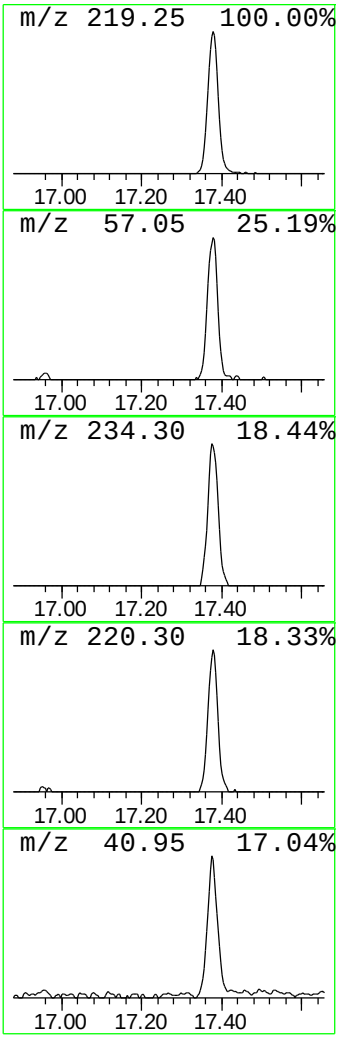
Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	1.00 ug/L	214142	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	95
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	91
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	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	0.6	ug/L	108971	1	6.28	873748	5.0
Isopropyl Alcohol	2.78	0.6	ug/L	109982	1	6.28	873748	5.0
Phenol, 2,6-bis(1...	17.38	1.0	ug/L	214142	3	11.83	1070190	5.0