LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017135.D
Acq On : 25 Jun 2020 18:23
Operator : SY/MD
Sample : L3106-05
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM7

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_V\METHOD\SOMVTR061720WMA.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	1.113	3	7	18	rVB	74822	72315	6.70%	1.158%
2	1.316	62	70	77	rBV	85977	87964	8.15%	1.409%
3	1.579	144	152	161	rBV	63378	72088	6.68%	1.154%
4	2.123	310	321	336	rBV	135204	200455	18.57%	3.210%
5	2.782	515	526	535	rBV	6037	15102	1.40%	0.242%
6	3.213	648	660	673	rVB	26874	57740	5.35%	0.925%
7	3.946	874	888	911	rBV	52373	217489	20.15%	3.483%
8	4.113	925	940	972	rVB2	364193	1079482	100.00%	17.288%
9	4.386	1005	1025	1026	rBV2	135649	238691	22.11%	3.823%
10	4.698	1111	1122	1137	rVB6	10308	25847	2.39%	0.414%
11	5.071	1219	1238	1260	rBV2	240702	583499	54.05%	9.345%
12	5.643	1401	1416	1438	rBV	212275	438350	40.61%	7.020%
13	6.097	1543	1557	1576	rBV3	130628	270843	25.09%	4.338%
14	7.010	1831	1841	1856	rBV	65985	120827	11.19%	1.935%
15	7.338	1931	1943	1959	rBV	270181	465708	43.14%	7.458%
16	7.643	2027	2038	2053	rBV2	40729	70513	6.53%	1.129%
17	7.868	2098	2108	2118	rVB5	13360	24518	2.27%	0.393%
18	8.113	2173	2184	2209	rBV	255528	473218	43.84%	7.579%
19	8.325	2239	2250	2260	rBV	20355	33991	3.15%	0.544%
20	8.875	2409	2421	2438	rBV	324976	530619	49.15%	8.498%
21	10.238	2832	2845	2862	rBV3	93338	149741	13.87%	2.398%
22	11.270	3155	3166	3187	rBV	318841	491655	45.55%	7.874%
23	11.646	3270	3283	3296	rBV	269419	433904	40.20%	6.949%
24	16.736	4856	4866	4878	rBV2	59090	89570	8.30%	1.434%

Sum of corrected areas: 6244129

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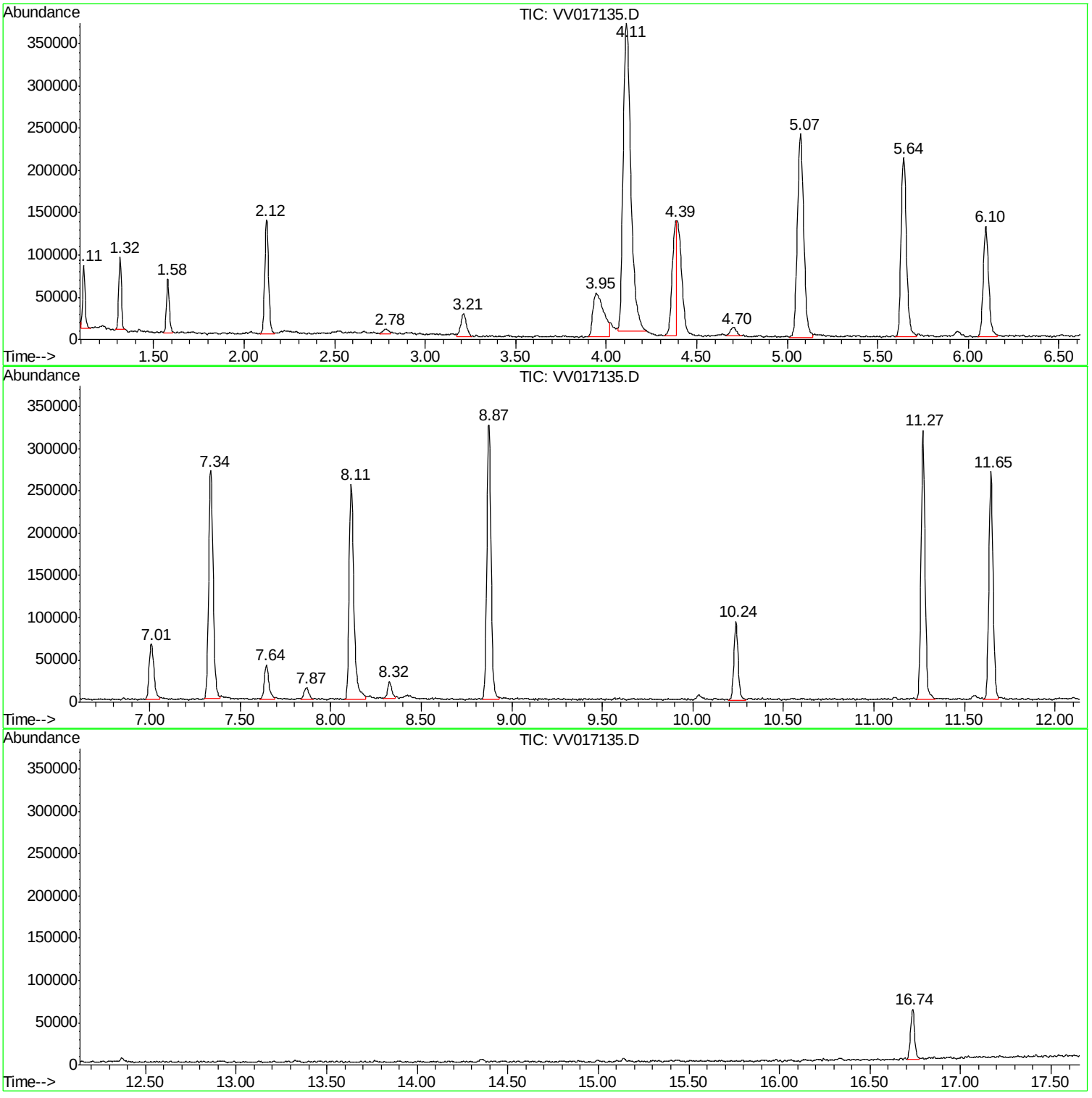
Instrument :
MSVOA_V
ClientSampleId :
BFXM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.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 Title : TRACE VOA SOM01.0

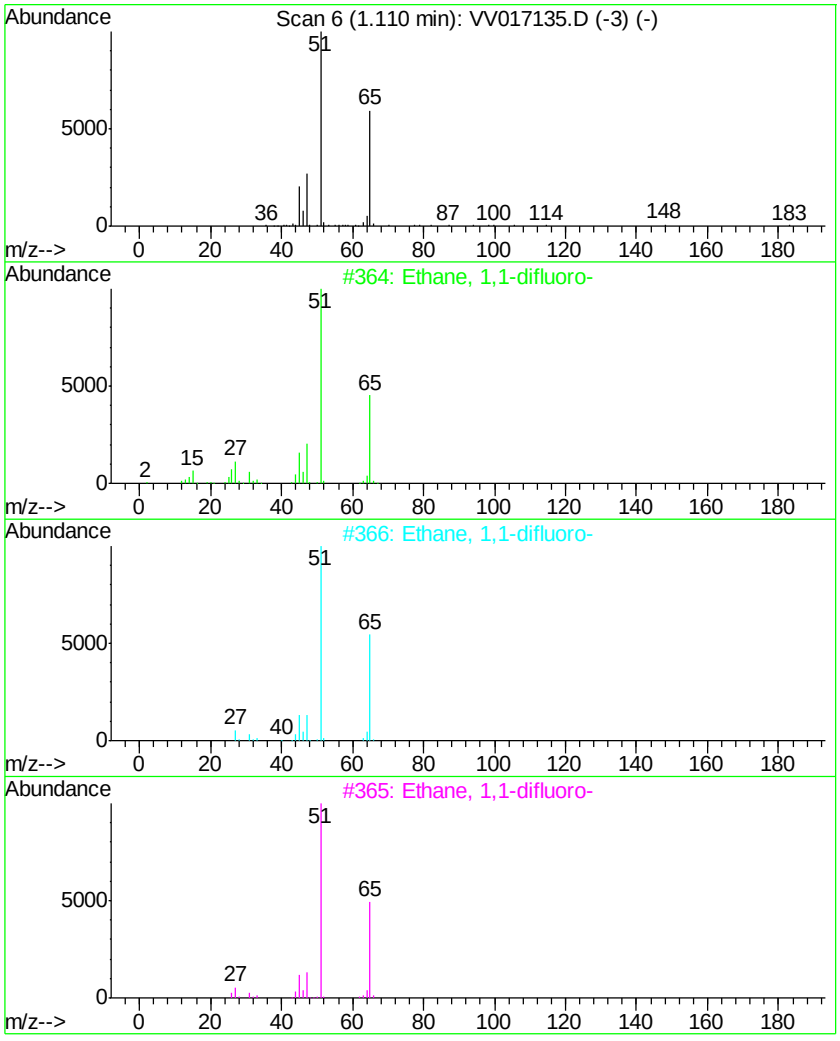
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

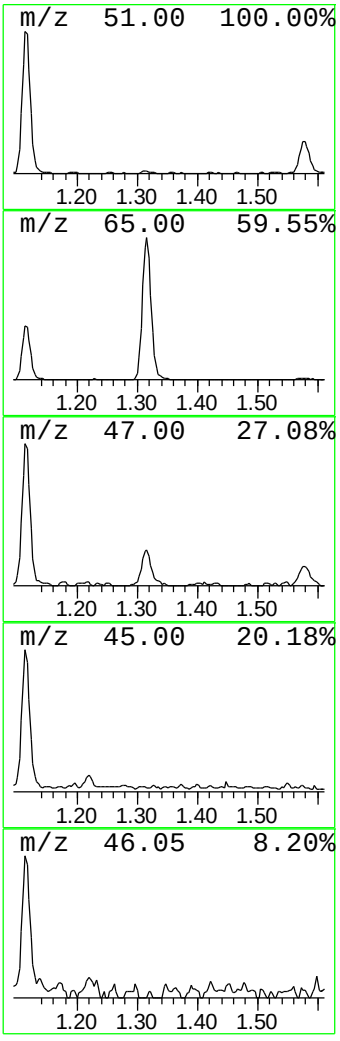
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	0.82 ug/L	72315	1,4-Difluorobenzene	5.64

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	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	9
5	Ethane, 1,1,2,2-tetrafluoro-	102	C2H2F4	000359-35-3	4





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

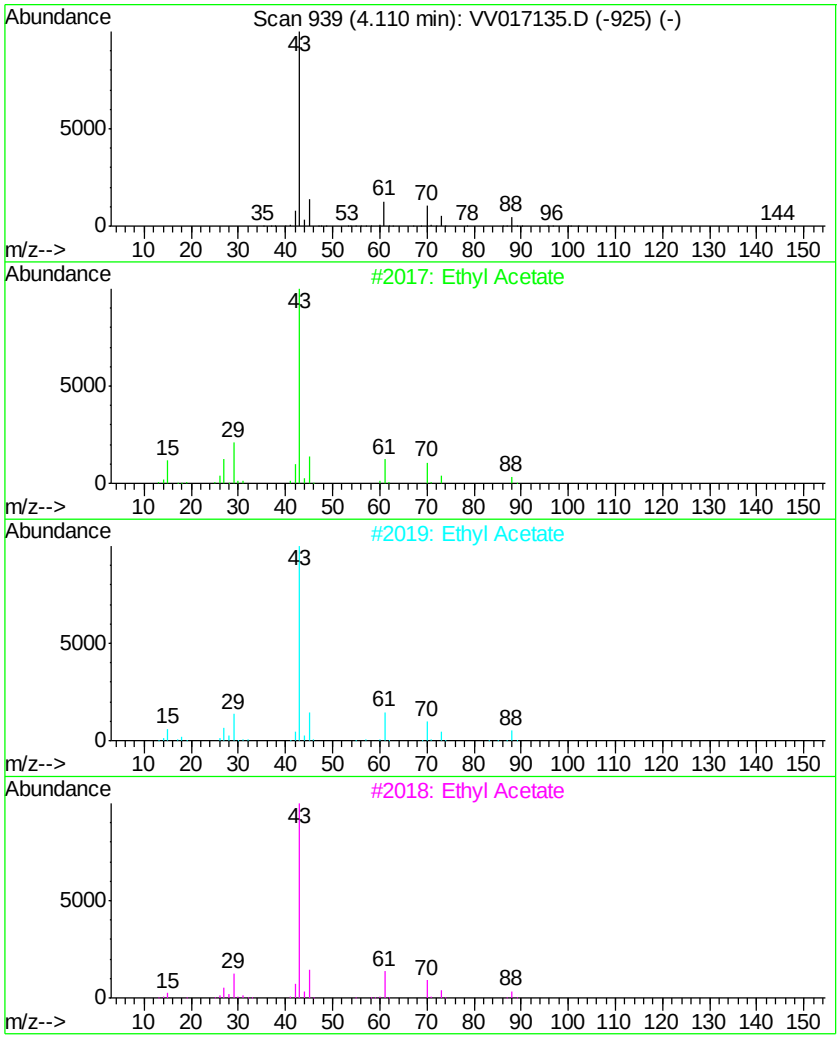
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

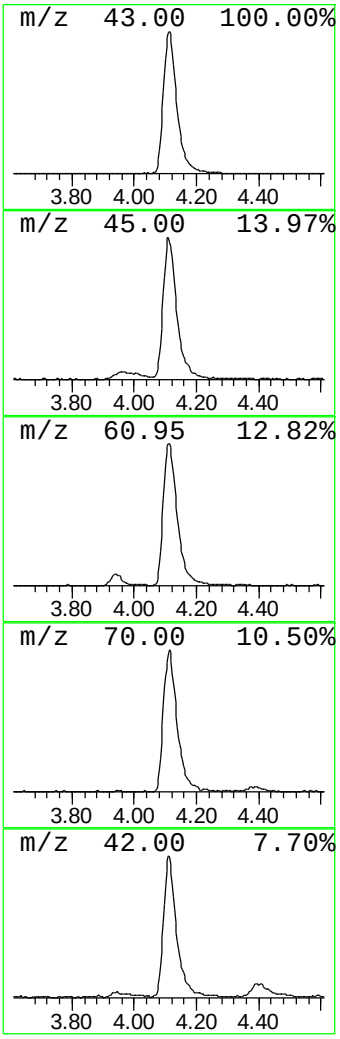
****

Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	12.31 ug/L	1079480	1,4-Difluorobenzene	5.64

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	59
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

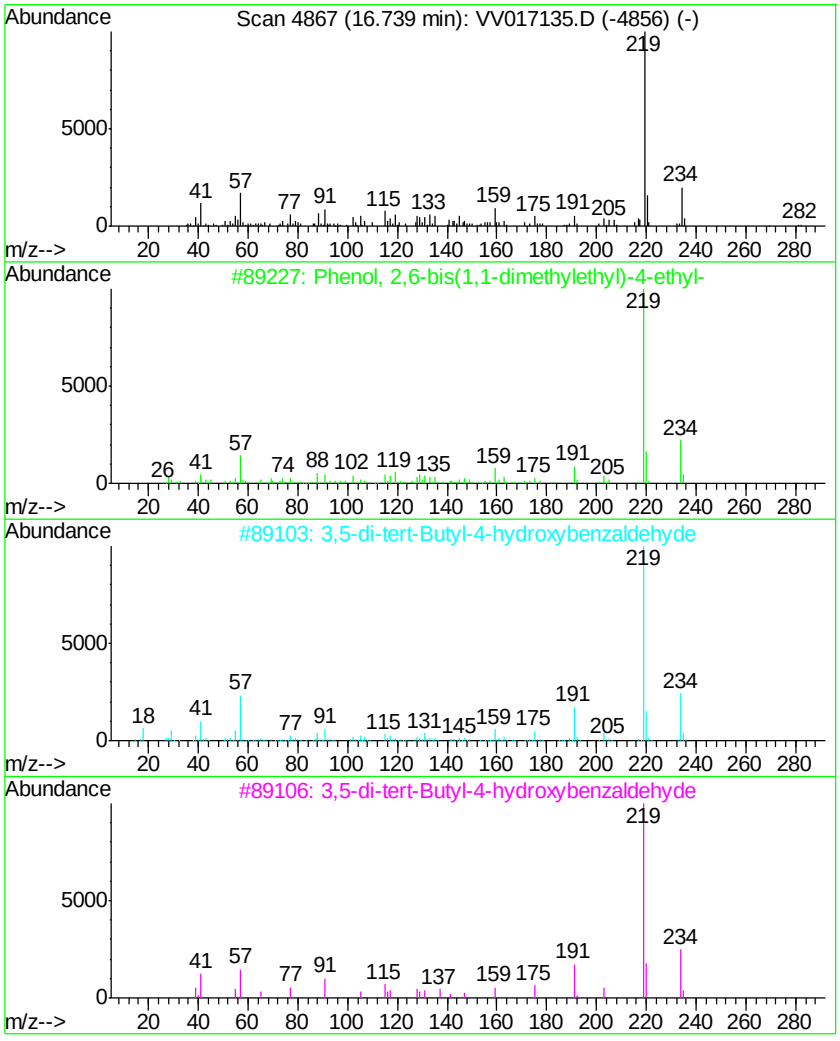
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

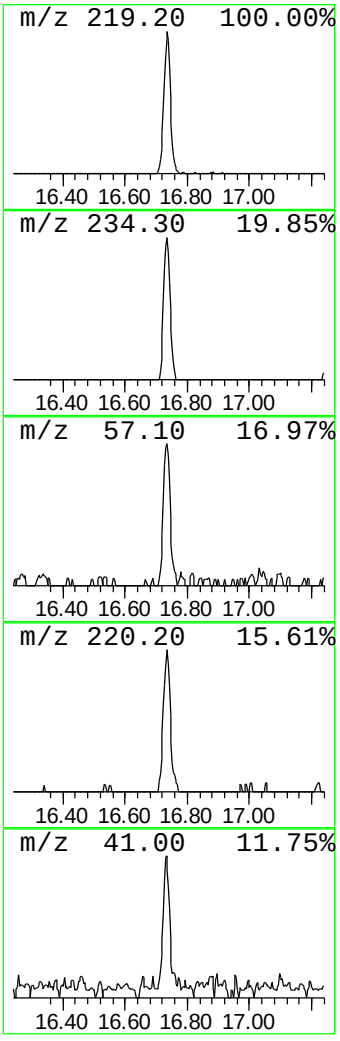
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	0.91 ug/L	89570	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
2	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
3	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	90
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
5	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	87





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...	1.11	0.8	ug/L	72315	1	5.64	438350	5.0
Ethyl Acetate	4.11	12.3	ug/L	1079480	1	5.64	438350	5.0
Phenol, 2,6-bis(1...	16.74	0.9	ug/L	89570	3	11.27	491655	5.0