

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011377.D
 Acq On : 11 Jun 2019 06:00
 Operator : SY/MD
 Sample : K3229-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P32

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.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	12	rVB	17185	14215	2.34%	0.279%
2	1.206	29	36	55	rBV	218277	285002	46.98%	5.601%
3	1.319	62	71	80	rBV2	131195	139989	23.08%	2.751%
4	1.544	137	141	152	rVB	120181	170333	28.08%	3.347%
5	2.110	308	317	327	rVB	112051	155455	25.62%	3.055%
6	2.193	336	343	358	rVB2	25640	41246	6.80%	0.811%
7	2.338	384	388	398	rVB2	9751	13912	2.29%	0.273%
8	2.643	469	483	497	rBV	26177	57074	9.41%	1.122%
9	3.206	649	658	665	rBV	3530	6986	1.15%	0.137%
10	3.942	871	887	908	rBV	87970	230689	38.03%	4.533%
11	4.392	1010	1027	1048	rBV2	84355	206122	33.98%	4.051%
12	4.711	1110	1126	1143	rBV3	20718	53261	8.78%	1.047%
13	5.087	1225	1243	1270	rBV2	205171	504843	83.22%	9.921%
14	5.659	1403	1421	1441	rBV	167302	333494	54.97%	6.554%
15	6.113	1546	1562	1584	rBV	119534	244339	40.28%	4.802%
16	7.026	1835	1846	1860	rBV2	46150	84076	13.86%	1.652%
17	7.357	1935	1949	1965	rBV	218882	385049	63.47%	7.567%
18	7.431	1965	1972	1978	rVB9	4510	7180	1.18%	0.141%
19	7.662	2035	2044	2059	rVB3	27173	46995	7.75%	0.924%
20	8.016	2147	2154	2162	rVB8	5765	9119	1.50%	0.179%
21	8.135	2176	2191	2209	rBV	346997	606668	100.00%	11.922%
22	8.894	2416	2427	2442	rVV	253945	409203	67.45%	8.042%
23	9.055	2467	2477	2486	rVB	11976	19184	3.16%	0.377%
24	9.180	2505	2516	2529	rBV	46414	78186	12.89%	1.536%
25	9.585	2633	2642	2654	rBV	36319	58925	9.71%	1.158%
26	10.260	2840	2852	2866	rBV	98292	156576	25.81%	3.077%
27	10.418	2894	2901	2910	rBV7	4213	7430	1.22%	0.146%
28	11.292	3161	3173	3190	rBV	218788	359137	59.20%	7.058%
29	11.672	3278	3291	3308	rBV	215685	356207	58.72%	7.000%
30	16.758	4864	4873	4885	rBV2	31002	47701	7.86%	0.937%

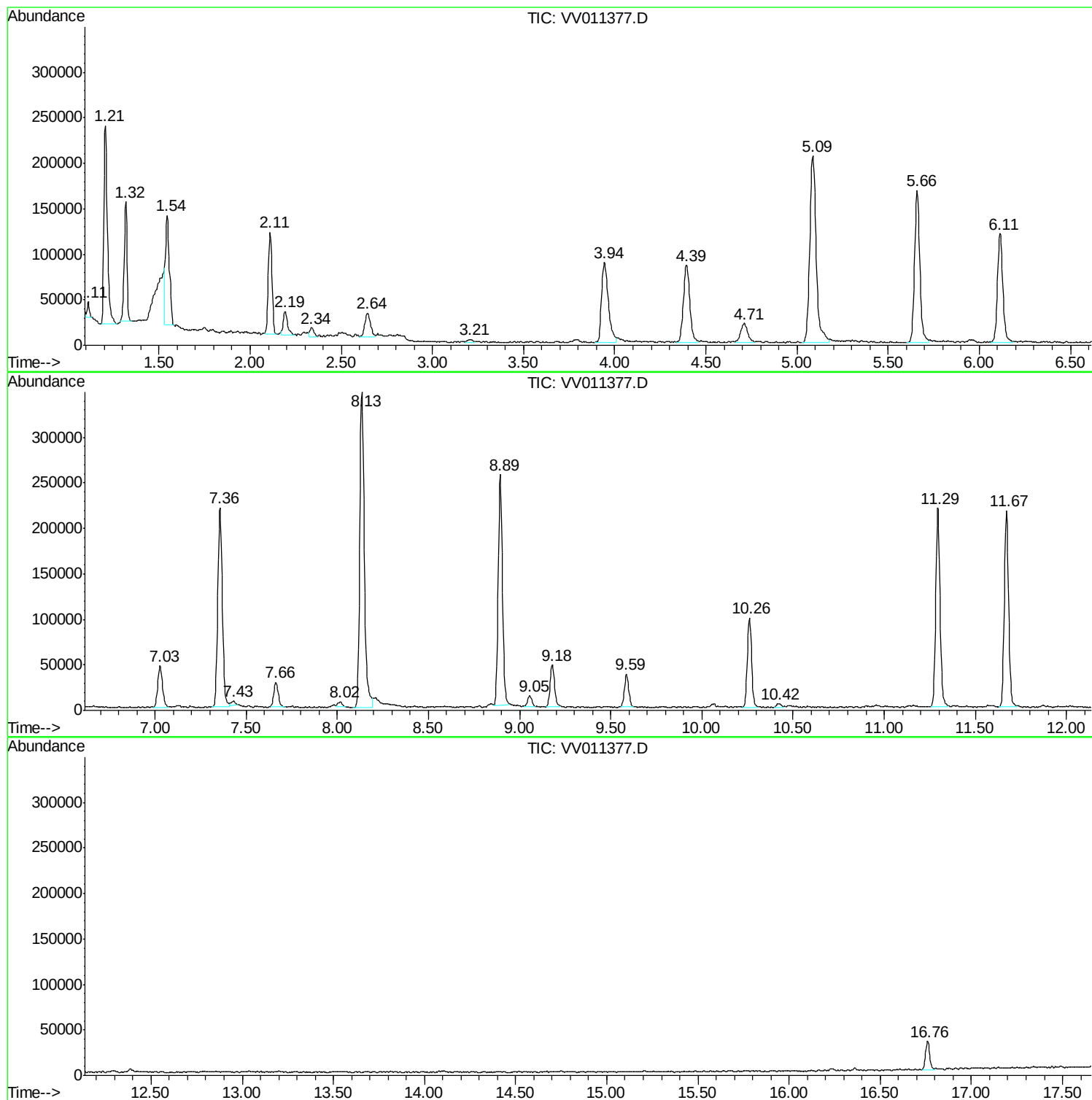
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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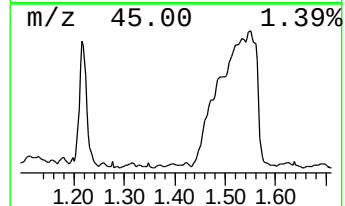
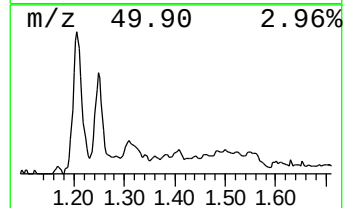
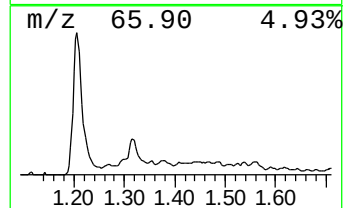
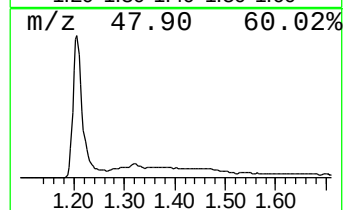
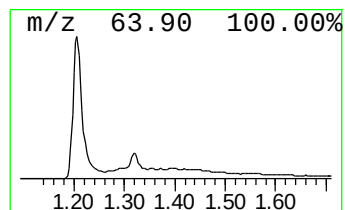
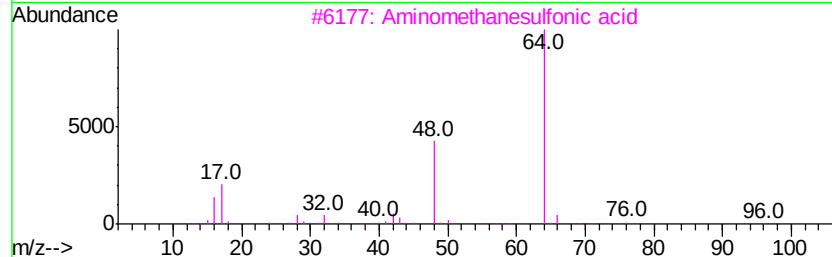
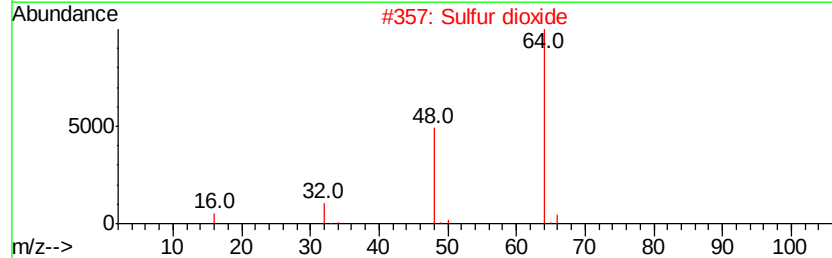
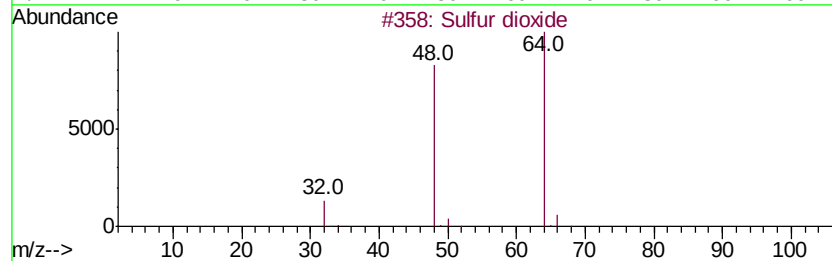
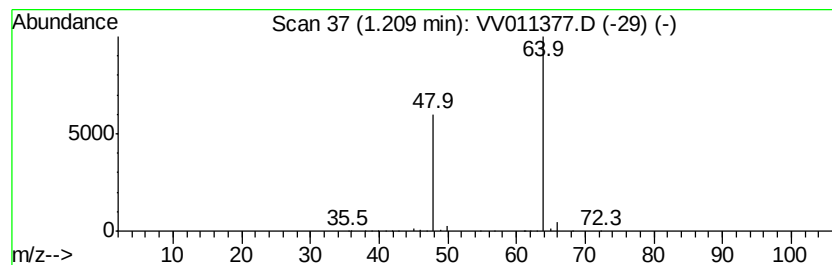
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	4.27 ug/L	285002	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide		64	O2S	007446-09-5	83
2	Sulfur dioxide		64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	74
4	Aminomethanesulfonic acid		111	CH5NO3S	013881-91-9	25
5	L-Alanine, 3-sulfo-		169	C3H7NO5S	000498-40-8	9



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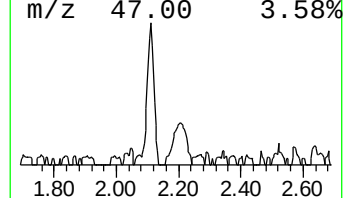
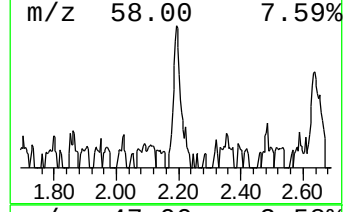
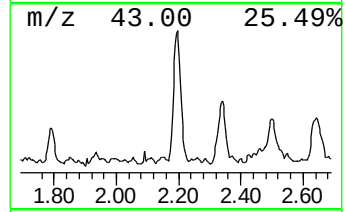
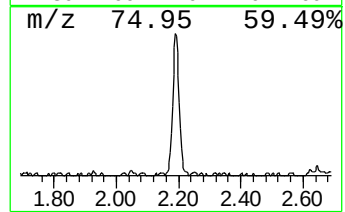
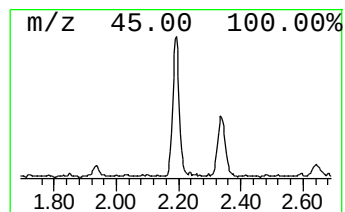
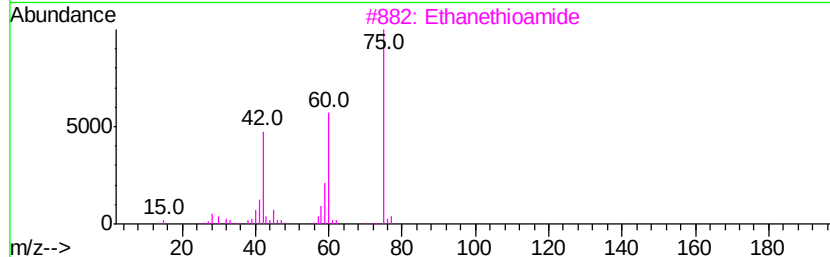
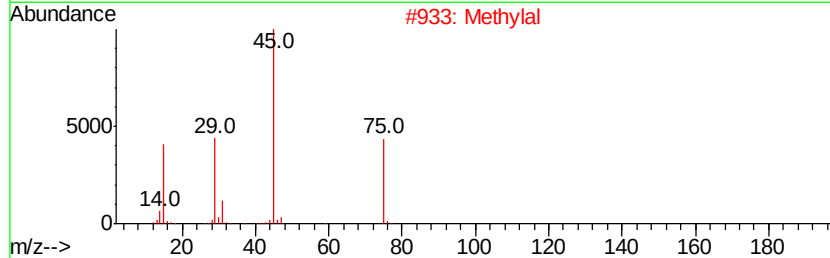
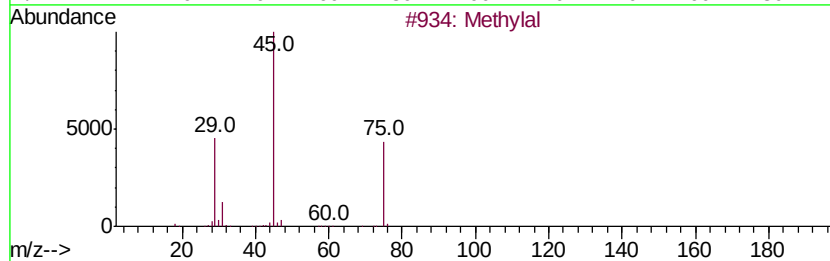
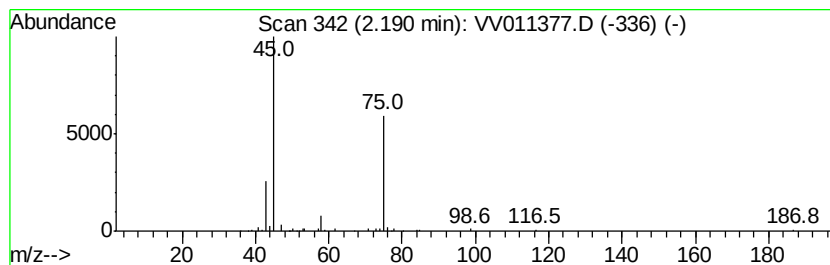
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Peak Number 2 Methylal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	0.62 ug/L	41246	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal		76	C3H8O2	000109-87-5	56
2	Methylal		76	C3H8O2	000109-87-5	9
3	Ethanethioamide		75	C2H5NS	000062-55-5	5
4	Methylal		76	C3H8O2	000109-87-5	5
5	Isopropyl Alcohol		60	C3H8O	000067-63-0	4



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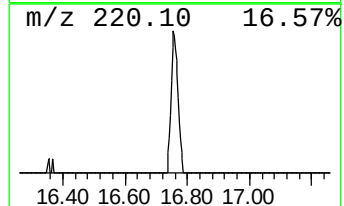
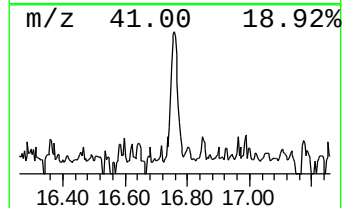
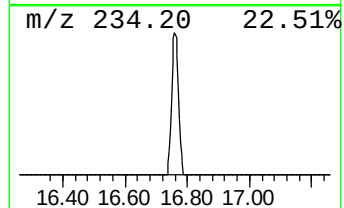
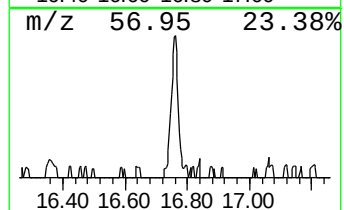
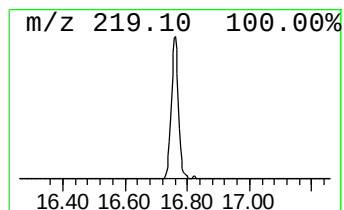
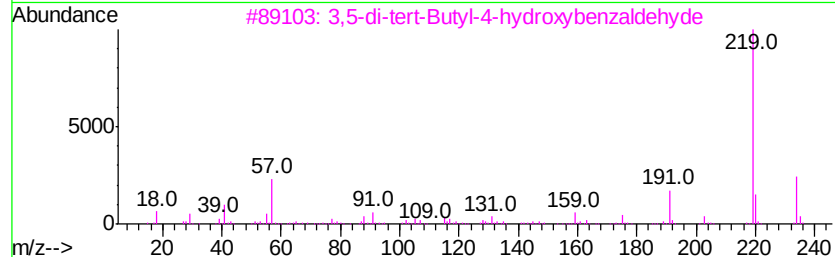
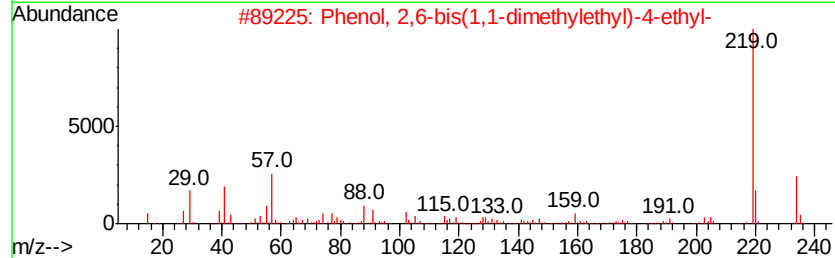
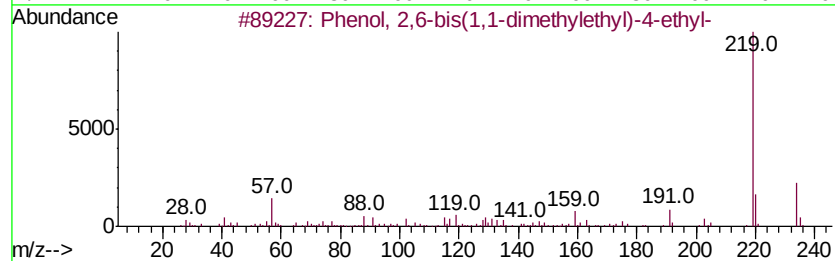
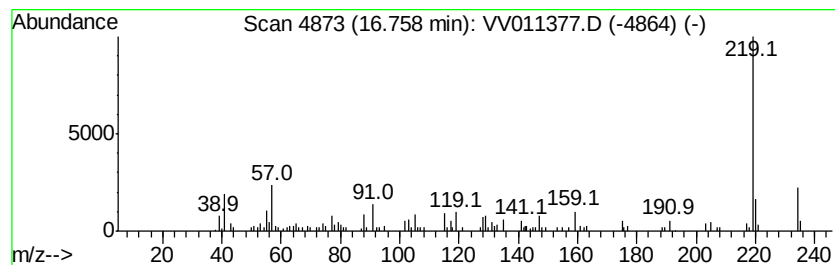
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Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	0.66 ug/L	47701	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	93
2		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
3		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	87
4		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	87
5		2,3,5,6-Tetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	81



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	4.3	ug/L	285002	1	5.66	333494	5.0
Methylal	2.19	0.6	ug/L	41246	1	5.66	333494	5.0
Phenol, 2,6-bis(1...	16.76	0.7	ug/L	47701	3	11.30	359137	5.0