

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011370.D
 Acq On : 11 Jun 2019 02:42
 Operator : SY/MD
 Sample : K3229-03
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P67

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	4	7	29	rVB	30446	46903	8.69%	0.897%
2	1.206	30	36	47	rBV	124684	159026	29.45%	3.040%
3	1.319	62	71	79	rBV2	191933	194097	35.95%	3.711%
4	1.479	110	121	123	rBV9	28825	47824	8.86%	0.914%
5	1.550	140	143	156	rVB	65927	69769	12.92%	1.334%
6	2.116	310	319	333	rVB	125196	179262	33.20%	3.427%
7	2.193	335	343	349	rBV	19685	31943	5.92%	0.611%
8	2.322	377	383	394	rVB2	7444	13165	2.44%	0.252%
9	2.646	476	484	497	rVB	10661	21604	4.00%	0.413%
10	2.775	517	524	528	rBV8	4616	6037	1.12%	0.115%
11	2.878	554	556	570	rVB7	6487	8657	1.60%	0.166%
12	3.206	646	658	667	rBV7	4090	8353	1.55%	0.160%
13	3.942	873	887	912	rBV	85499	226072	41.87%	4.322%
14	4.396	1007	1028	1047	rBV2	95659	235976	43.70%	4.511%
15	4.714	1111	1127	1144	rBV3	23517	60501	11.20%	1.157%
16	5.090	1223	1244	1269	rBV2	221718	539957	100.00%	10.323%
17	5.659	1406	1421	1440	rBV	188611	373285	69.13%	7.137%
18	6.116	1549	1563	1581	rBV	127735	258995	47.97%	4.952%
19	7.029	1835	1847	1862	rBV	50156	91282	16.91%	1.745%
20	7.277	1917	1924	1936	rBV6	4460	6809	1.26%	0.130%
21	7.357	1936	1949	1962	rBV	240105	416309	77.10%	7.959%
22	7.431	1962	1972	1983	rVB2	29463	54441	10.08%	1.041%
23	7.662	2033	2044	2056	rBV2	30795	53825	9.97%	1.029%
24	8.132	2178	2190	2208	rBV	311155	537815	99.60%	10.282%
25	8.894	2415	2427	2442	rBV	273650	449089	83.17%	8.586%
26	9.055	2465	2477	2489	rBV	44395	71691	13.28%	1.371%
27	9.183	2507	2517	2527	rBV2	44994	74543	13.81%	1.425%
28	9.588	2633	2643	2659	rBV7	19005	38921	7.21%	0.744%
29	10.260	2842	2852	2866	rBV	90675	143889	26.65%	2.751%
30	10.421	2894	2902	2911	rVB4	6294	10484	1.94%	0.200%
31	11.296	3161	3174	3191	rBV	218896	369341	68.40%	7.061%
32	11.672	3279	3291	3305	rBV	214042	350592	64.93%	6.703%
33	15.170	4368	4379	4385	rBV	3705	5845	1.08%	0.112%
34	16.758	4857	4873	4883	rBV2	45137	74325	13.76%	1.421%

LSC Area Percent Report

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ClientSampleId :
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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\SOMVTR060419WMA.M
Title : TRACE VOA SOM01.0

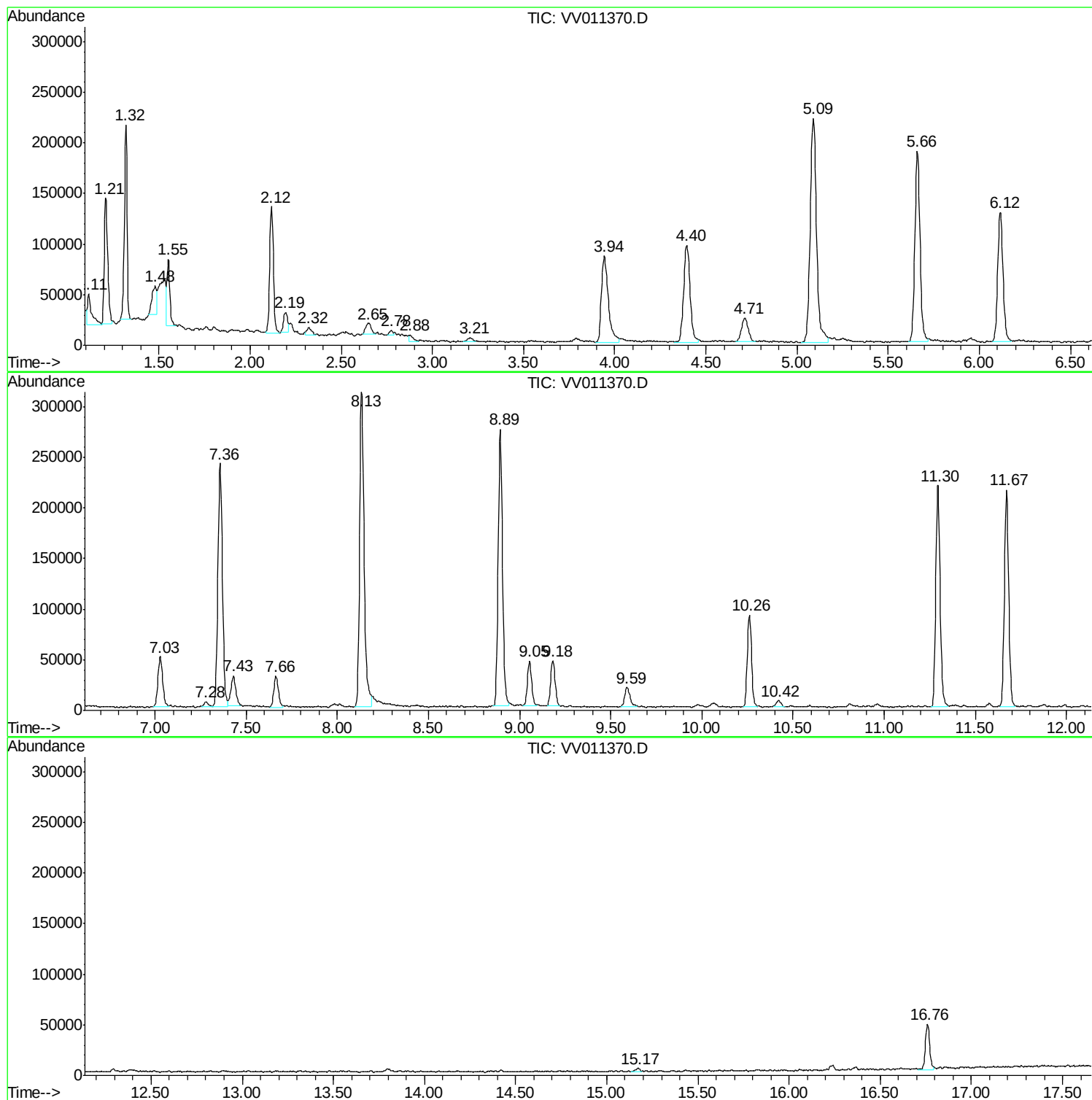
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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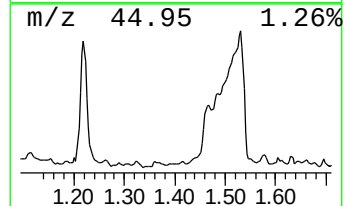
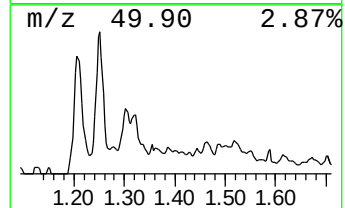
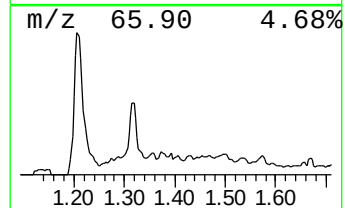
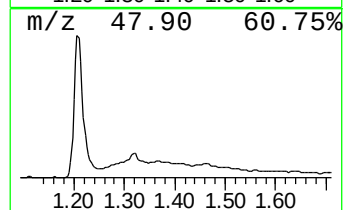
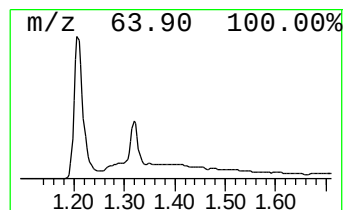
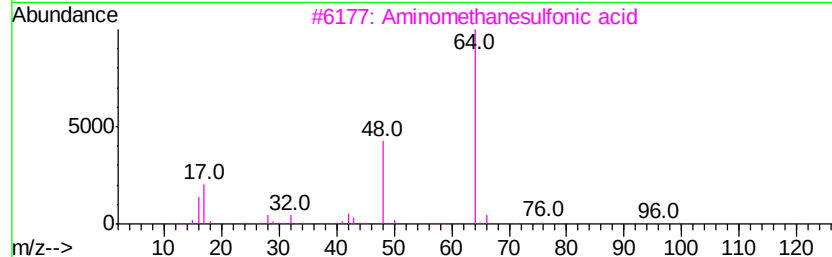
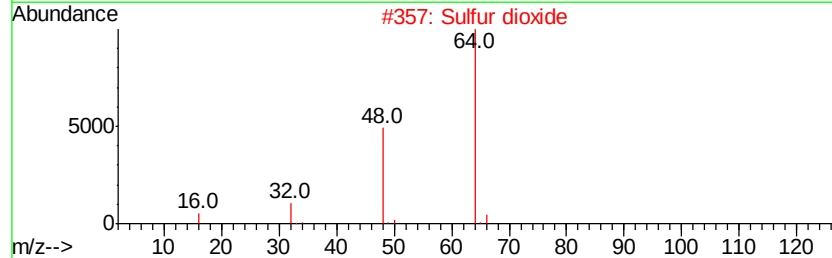
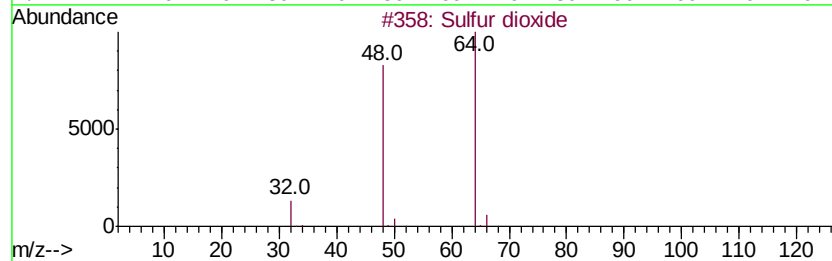
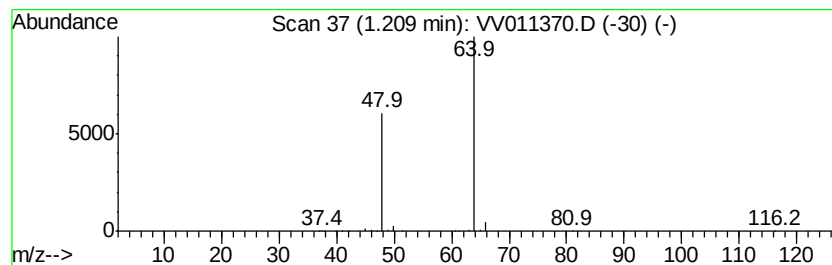
Instrument :
MSVOA_V
ClientSampled :
F9P67

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 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.13 ug/L	159026	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Sulfur dioxide	64 02S	007446-09-5	83
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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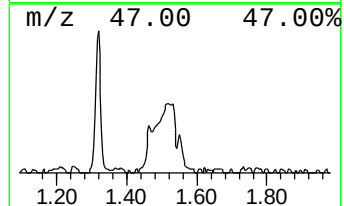
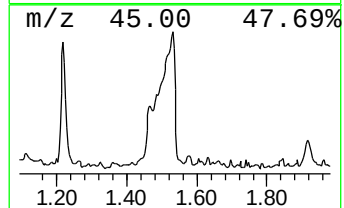
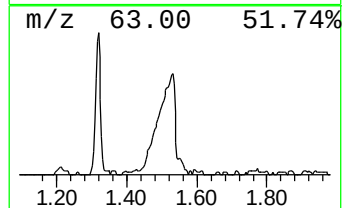
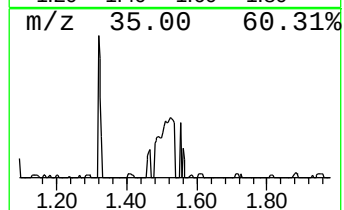
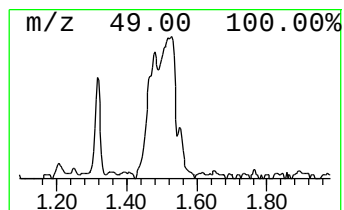
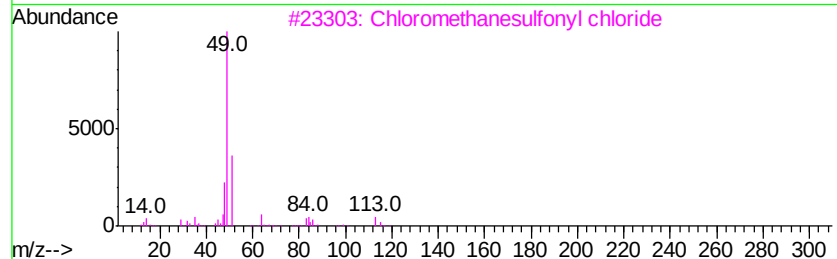
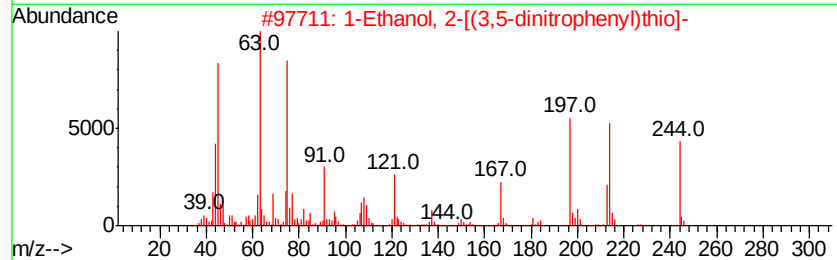
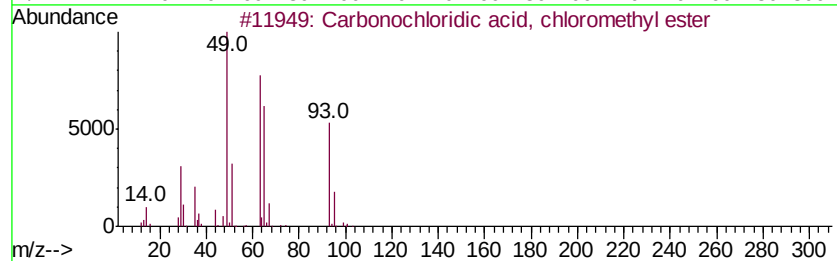
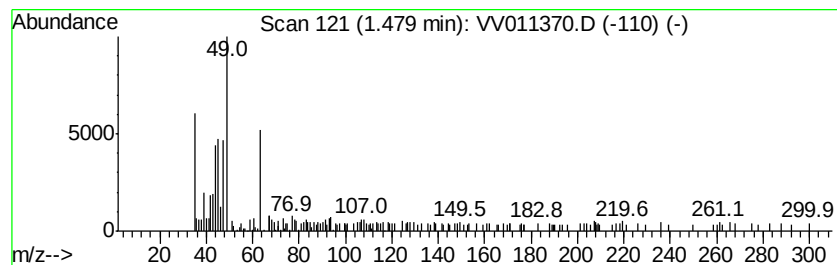
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	0.64 ug/L	47824	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonochloridic acid, chloromet...	128	C2H2Cl2O2	022128-62-7	28
2		1-Ethanol, 2-[(3,5-dinitrophenyl)...]	244	C8H8N2O5S	1000337-27-1	12
3		Chloromethanesulfonyl chloride	148	CH2Cl2O2S	003518-65-8	12
4		2-Anilino-4-(methylamino)-6-(pip...	363	C18H17N7O2	1000225-97-3	10
5		Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	9



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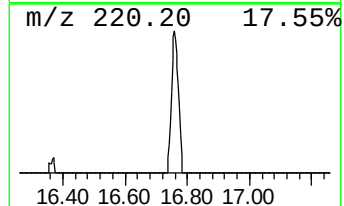
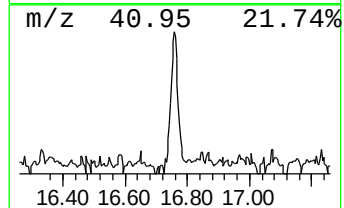
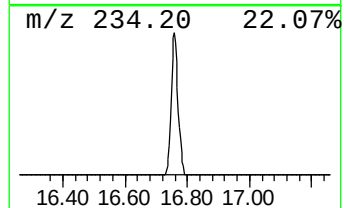
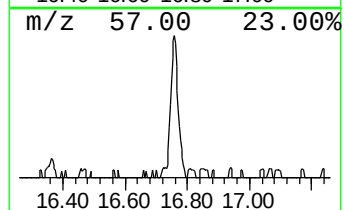
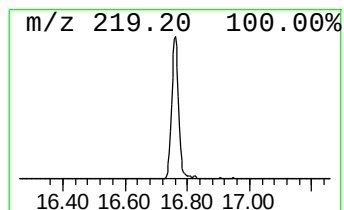
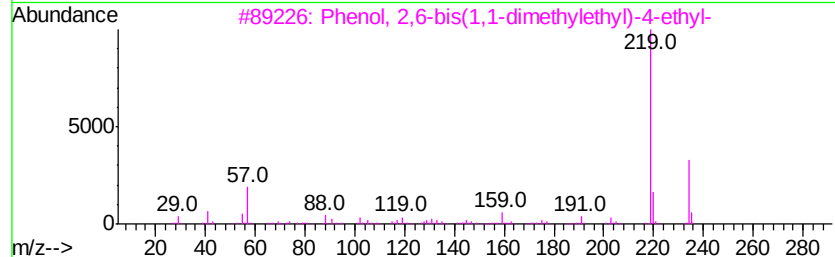
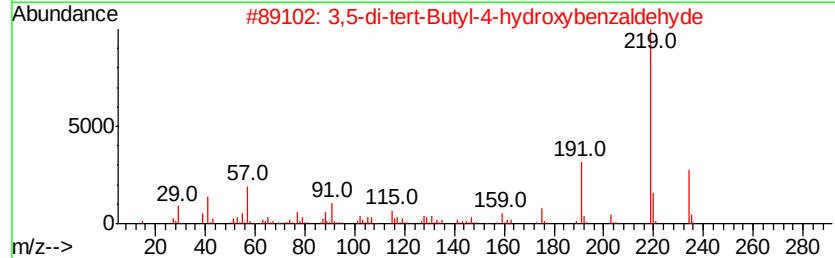
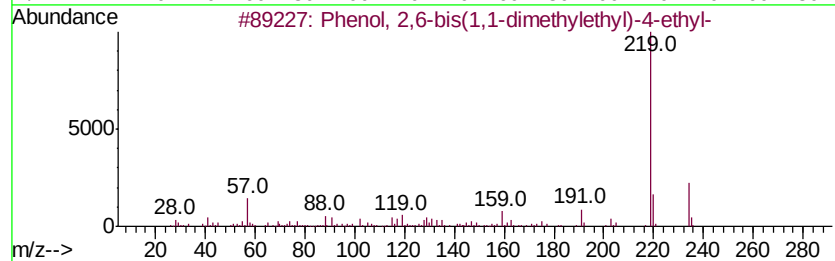
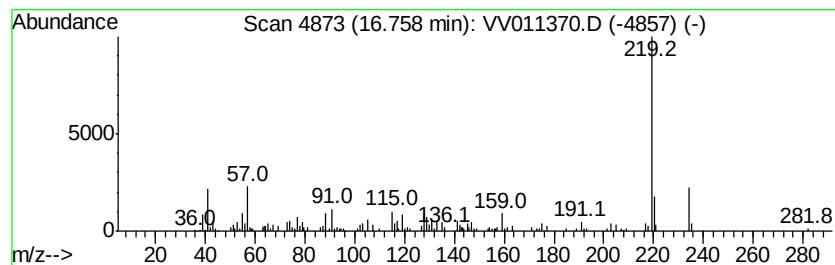
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	1.01 ug/L	74325	1,4-Dichlorobenzene-d4	11.30

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	2.1	ug/L	159026	1	5.66	373285	5.0
unknown-01	1.48	0.6	ug/L	47824	1	5.66	373285	5.0
Phenol, 2,6-bis(1...	16.76	1.0	ug/L	74325	3	11.30	369341	5.0