

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011538.D
 Acq On : 15 Jun 2019 14:37
 Operator : SY/MD
 Sample : K3386-03
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM79

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\SOMVTR061419WMA.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	1.196	29	33	37	rBV	22406	23102	12.01%	2.632%
2	2.084	302	309	322	rVB2	27951	42089	21.89%	4.796%
3	2.190	335	342	356	rVB	26584	41091	21.37%	4.682%
4	2.431	400	417	433	rVB	46263	113493	59.02%	12.932%
5	2.643	470	483	494	rBV	14072	29296	15.23%	3.338%
6	3.962	880	893	919	rBV2	28947	106317	55.28%	12.114%
7	4.392	1017	1027	1046	rVB3	9472	25374	13.19%	2.891%
8	5.087	1227	1243	1257	rBV3	25524	62873	32.69%	7.164%
9	5.659	1411	1421	1435	rBV4	14704	31117	16.18%	3.546%
10	5.952	1501	1512	1528	rVB4	8669	20772	10.80%	2.367%
11	6.116	1552	1563	1573	rBV3	12211	26650	13.86%	3.037%
12	6.720	1744	1751	1756	rBV8	1603	2068	1.08%	0.236%
13	6.775	1763	1768	1773	rVB8	1598	2014	1.05%	0.229%
14	7.029	1837	1847	1848	rBV7	3006	3208	1.67%	0.366%
15	7.357	1939	1949	1964	rBV2	13107	25424	13.22%	2.897%
16	7.981	2130	2143	2153	rBV2	6958	13995	7.28%	1.595%
17	8.148	2180	2195	2217	rBV	92973	192312	100.00%	21.912%
18	8.897	2416	2428	2437	rBV	8911	17897	9.31%	2.039%
19	10.267	2845	2854	2864	rVB2	14092	22292	11.59%	2.540%
20	10.421	2890	2902	2913	rBV	27476	46567	24.21%	5.306%
21	11.296	3166	3174	3181	rBV9	3714	5898	3.07%	0.672%
22	11.669	3281	3290	3291	rBV7	4032	4359	2.27%	0.497%
23	11.678	3291	3293	3302	rVB7	4808	4942	2.57%	0.563%
24	12.292	3477	3484	3497	rVB3	5685	8830	4.59%	1.006%
25	12.530	3551	3558	3561	rBV6	2053	2080	1.08%	0.237%
26	12.929	3675	3682	3687	rBV8	2836	3585	1.86%	0.408%

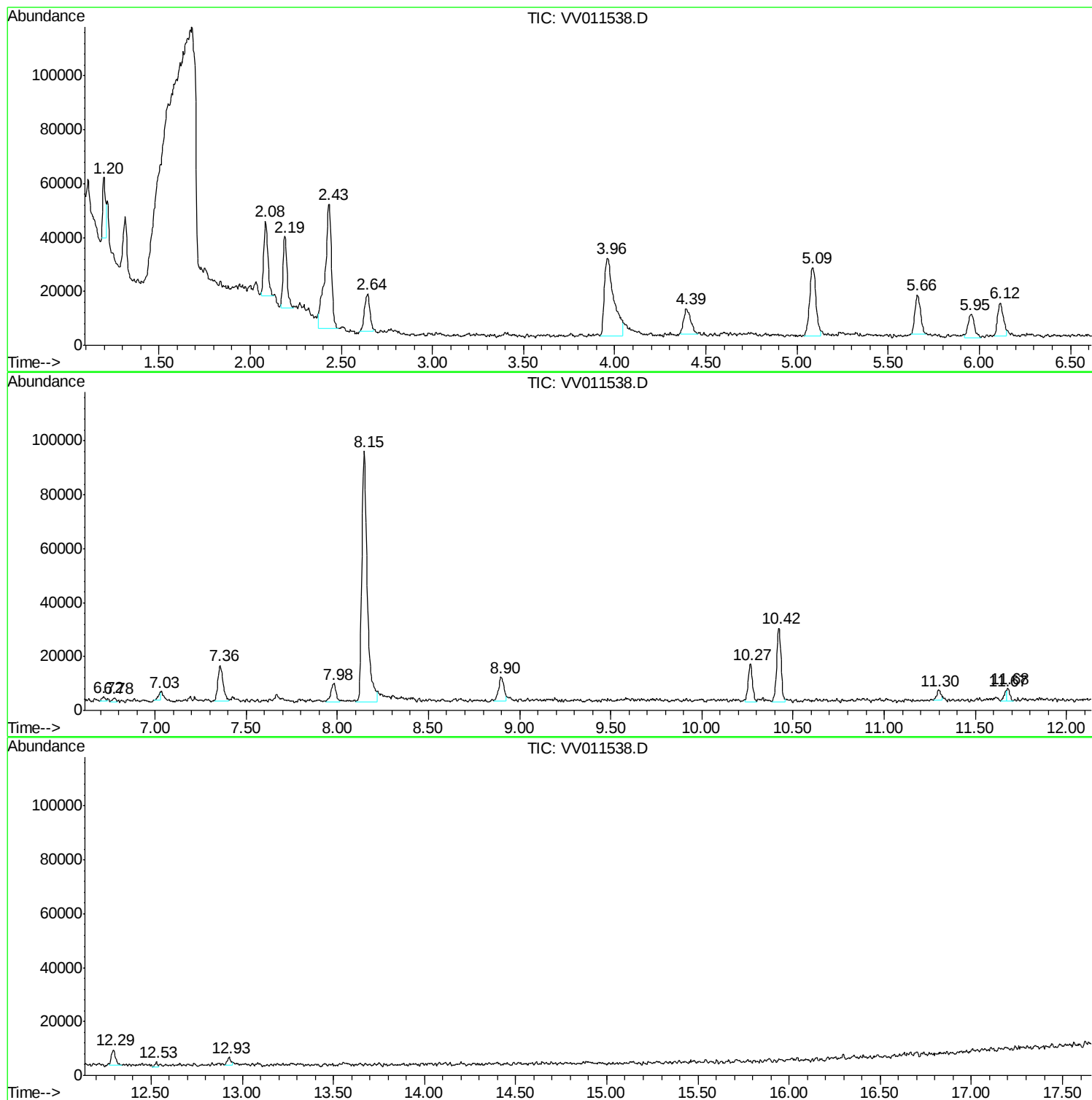
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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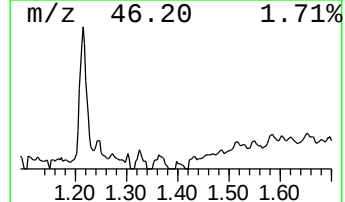
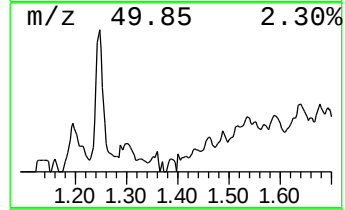
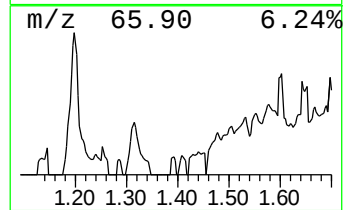
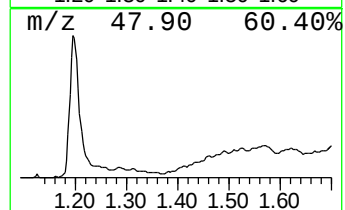
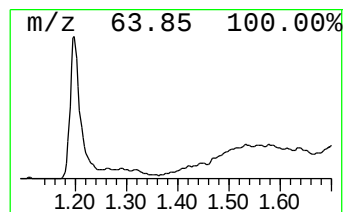
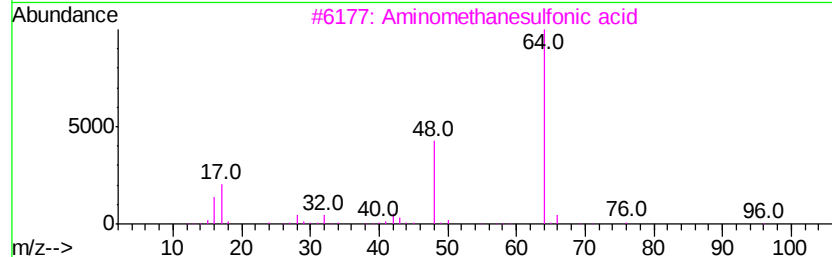
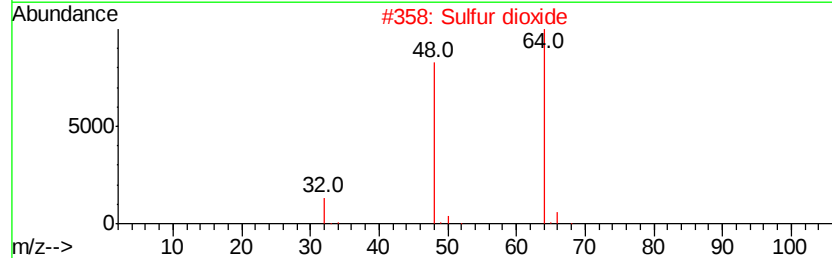
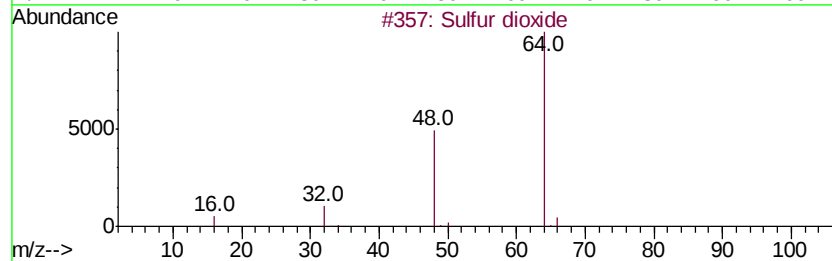
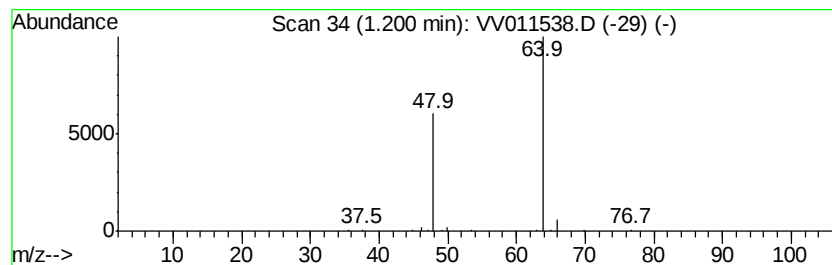
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	3.71 ug/L	23102	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	90
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	64
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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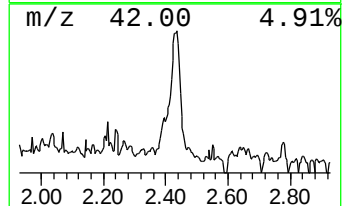
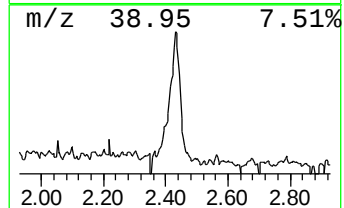
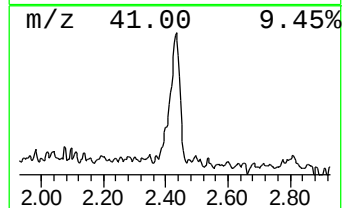
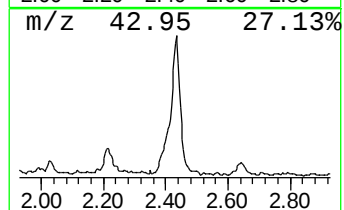
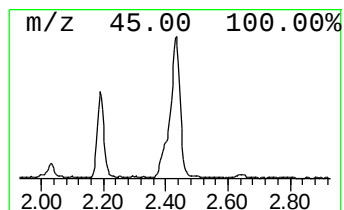
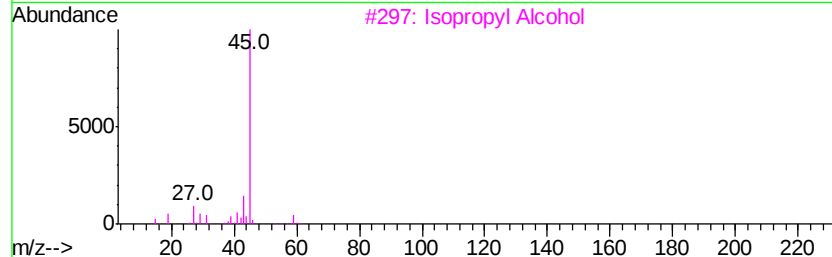
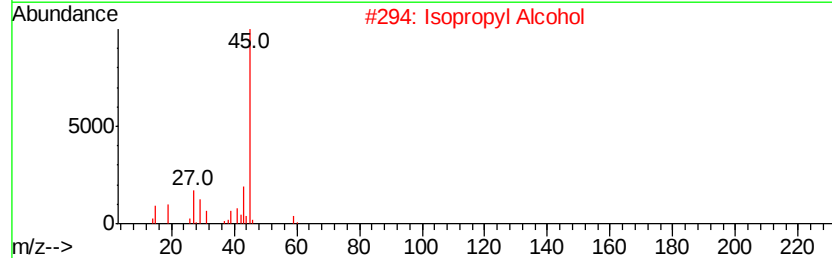
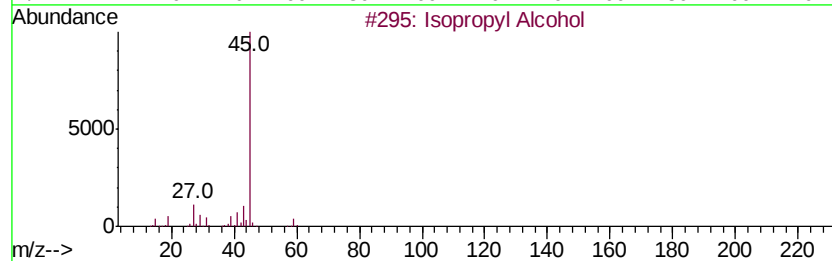
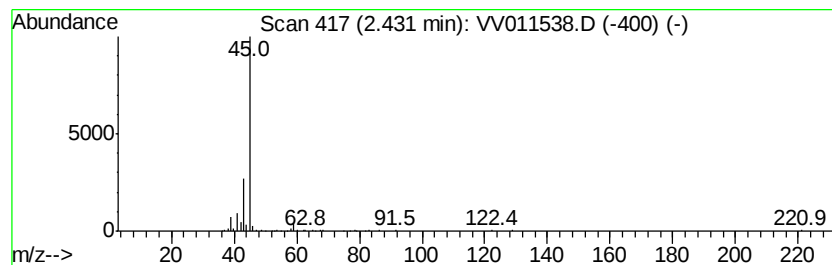
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	18.24 ug/L	113493	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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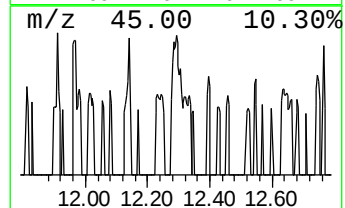
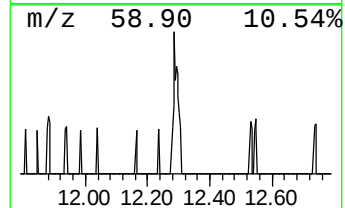
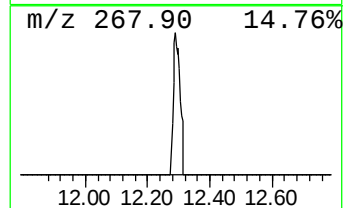
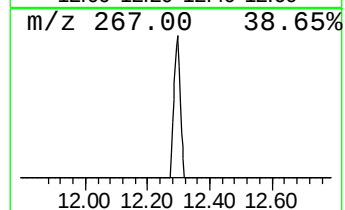
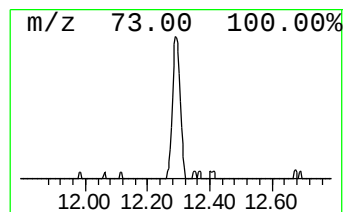
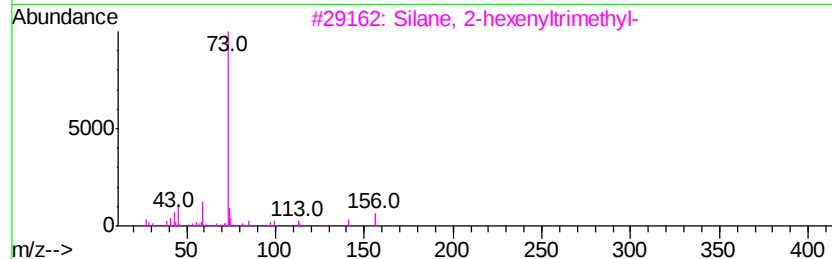
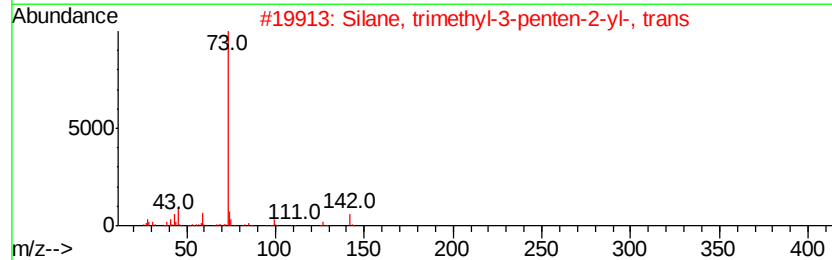
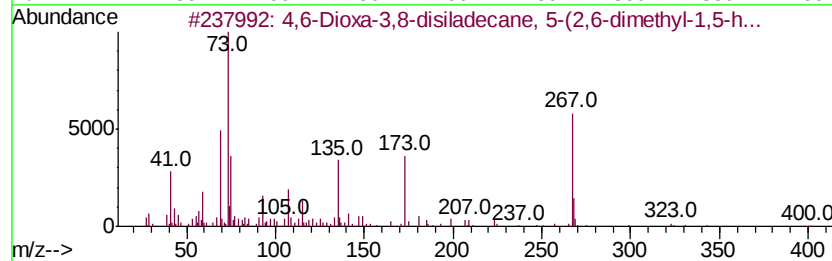
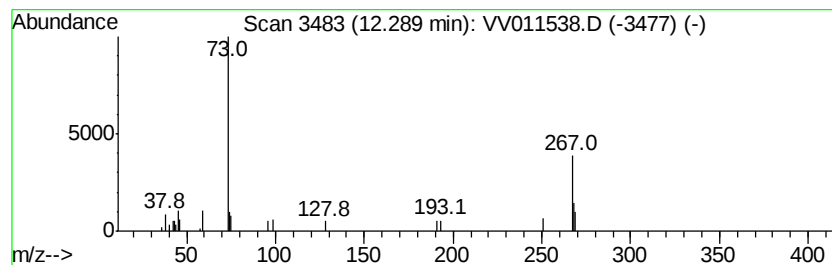
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Peak Number 7 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	7.49 ug/L	8830	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6-Dioxa-3,8-disiladecane, 5-(2...	532	C32H60O2Si2	109629-49-4	33
2		Silane, trimethyl-3-penten-2-yl-...	142	C8H18Si	053264-56-5	9
3		Silane, 2-hexenyltrimethyl-	156	C9H20Si	017898-20-3	9
4		Butanal, 2,3,4-tris[(trimethylsi...	365	C14H35NO4Si3	056196-36-2	9
5		(Trimethylsilyl)methyl trifluoro...	220	C5H11F3S2Si	147618-70-0	9



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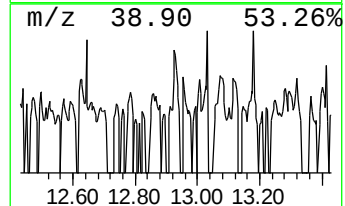
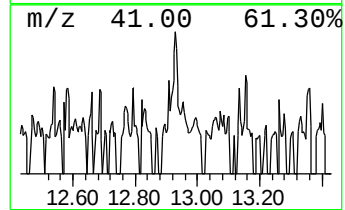
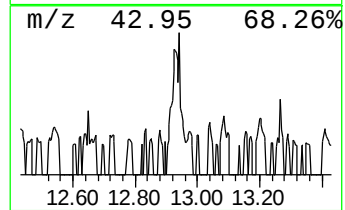
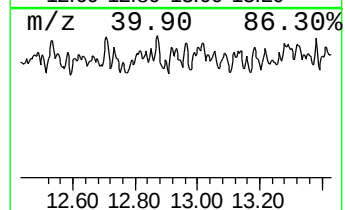
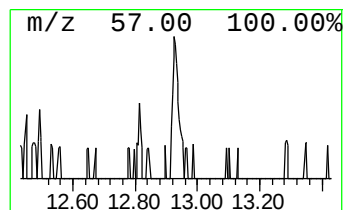
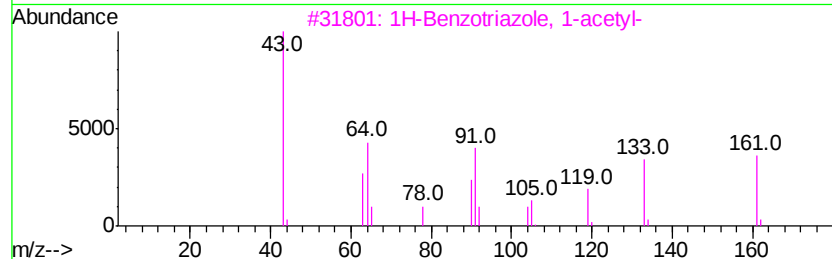
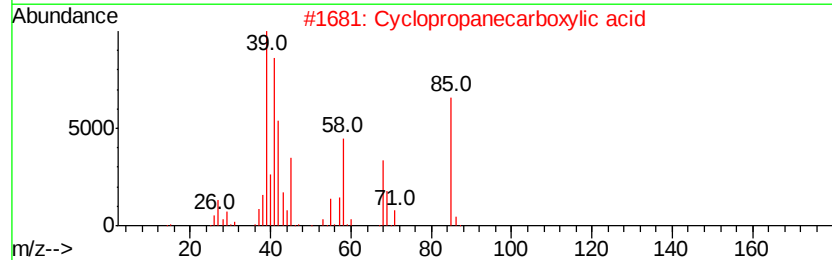
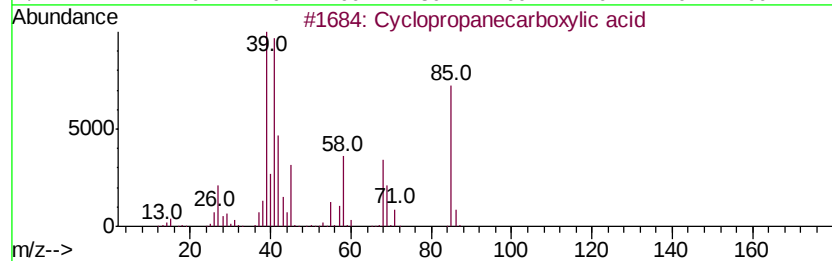
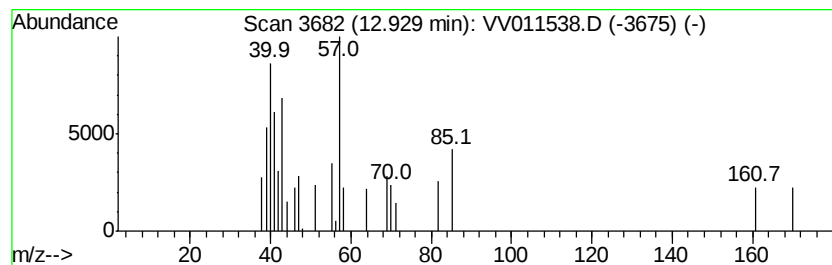
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.93	3.04 ug/L	3585	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopropanecarboxylic acid	86	C4H6O2	001759-53-1	10
2	Cvclopropanecarboxylic acid	86	C4H6O2	001759-53-1	10
3	1H-Benzotriazole, 1-acetyl-	161	C8H7N3O	018773-93-8	9
4	2H-Pyran-5-carboxylic acid, 2-oxo-	140	C6H4O4	000500-05-0	9
5	Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.20	3.7	ug/L	23102	1	5.66	31117	5.0
Isopropyl Alcohol	2.43	18.2	ug/L	113493	1	5.66	31117	5.0
unknown-01	12.29	7.5	ug/L	8830	3	11.30	5898	5.0
unknown-02	12.93	3.0	ug/L	3585	3	11.30	5898	5.0