

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011268.D
 Acq On : 07 Jun 2019 03:20
 Operator : SY/MD
 Sample : K3197-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P55

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	1.225	33	42	65	rBV	1714464	4431231	100.00%	39.475%
2	1.579	146	152	166	rVB	82278	105422	2.38%	0.939%
3	2.126	313	322	334	rVB	165638	237641	5.36%	2.117%
4	2.312	369	380	394	rBV	758296	1145805	25.86%	10.207%
5	3.762	811	831	850	rBV5	17753	59642	1.35%	0.531%
6	3.981	882	899	935	rBV	44445	234290	5.29%	2.087%
7	4.399	1012	1029	1050	rBV2	103376	249983	5.64%	2.227%
8	5.093	1228	1245	1275	rBV2	257417	607346	13.71%	5.410%
9	5.662	1408	1422	1438	rBV	199006	397991	8.98%	3.545%
10	6.116	1552	1563	1593	rVB2	141771	299639	6.76%	2.669%
11	7.029	1837	1847	1868	rBV	64661	116686	2.63%	1.039%
12	7.357	1934	1949	1967	rVB	293617	502776	11.35%	4.479%
13	7.666	2034	2045	2057	rBV2	36773	65251	1.47%	0.581%
14	8.138	2179	2192	2206	rBV	314006	588123	13.27%	5.239%
15	8.894	2409	2427	2446	rBV	292262	483240	10.91%	4.305%
16	10.260	2841	2852	2871	rVB	97957	161635	3.65%	1.440%
17	11.292	3160	3173	3196	rVB	267483	442021	9.98%	3.938%
18	11.575	3247	3261	3279	rBV	175809	335644	7.57%	2.990%
19	11.672	3280	3291	3309	rVB	260967	437590	9.88%	3.898%
20	12.392	3504	3515	3528	rBV4	45460	77171	1.74%	0.687%
21	13.678	3907	3915	3926	rVB2	36939	57832	1.31%	0.515%
22	16.360	4736	4749	4763	rBV	121944	188479	4.25%	1.679%

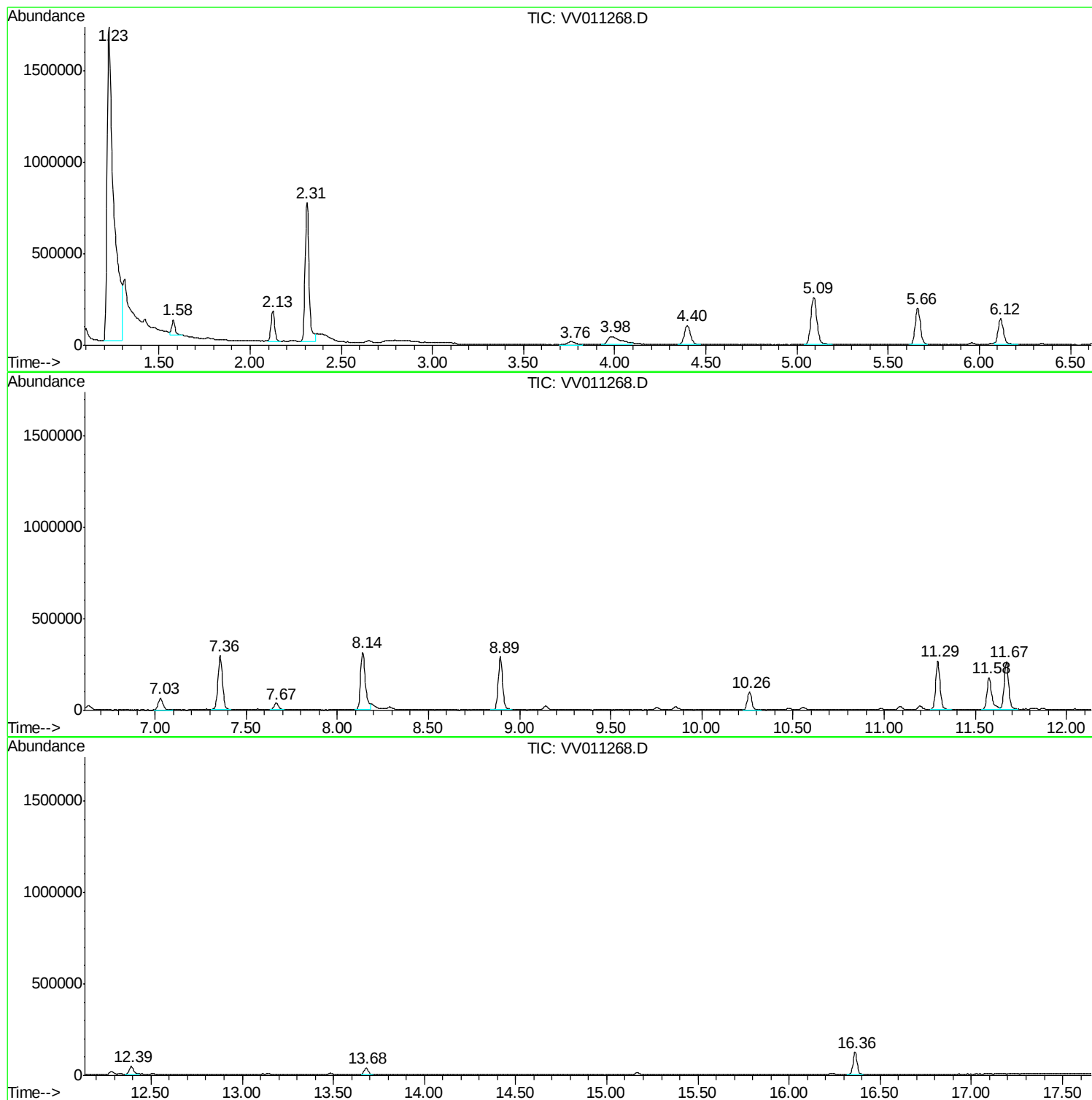
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Quant Title : TRACE VOA SOM01.0

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



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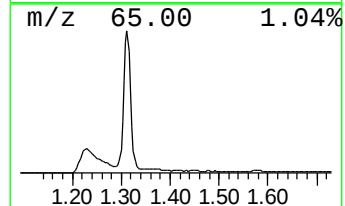
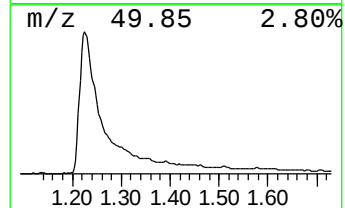
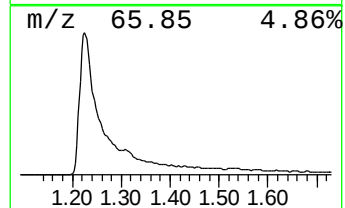
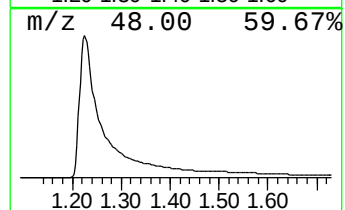
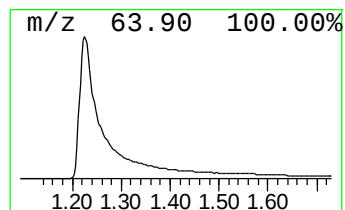
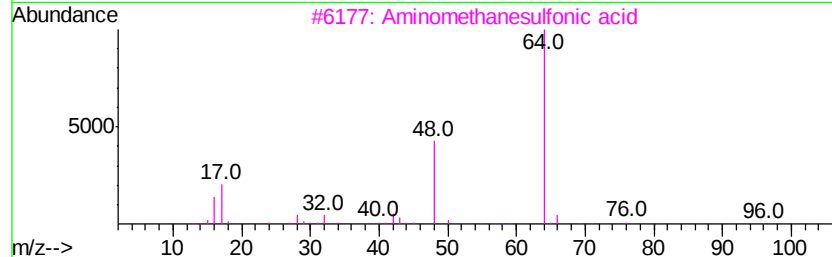
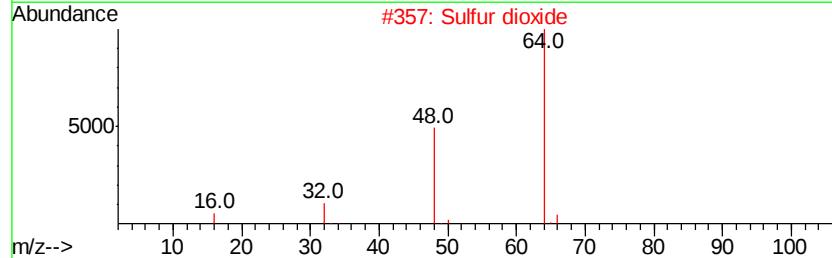
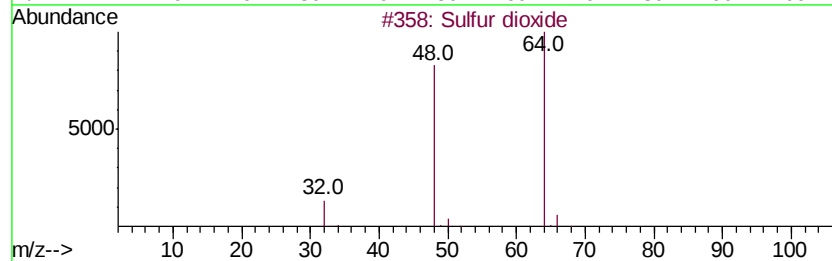
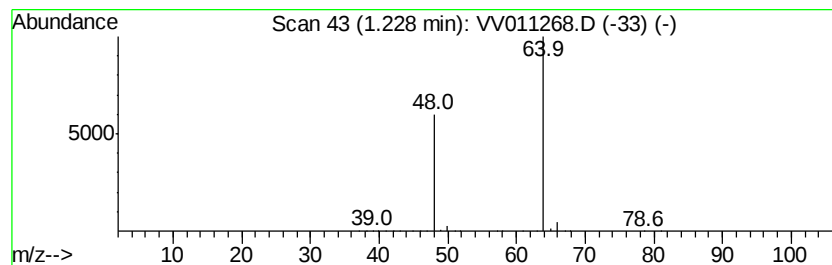
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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.
1.23	55.67 ug/L	4431230	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	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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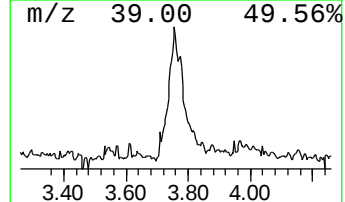
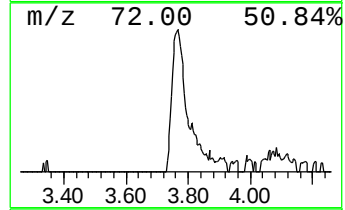
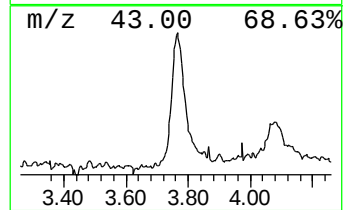
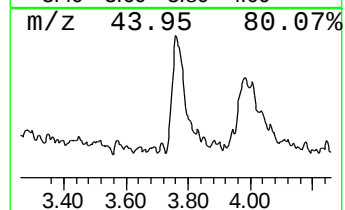
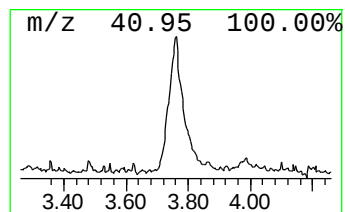
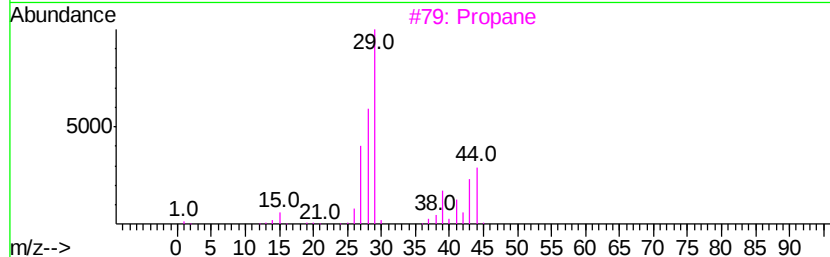
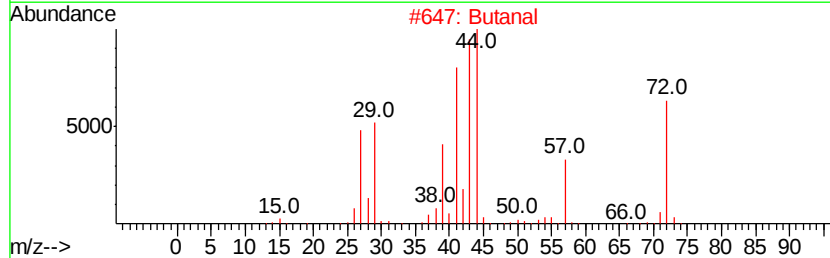
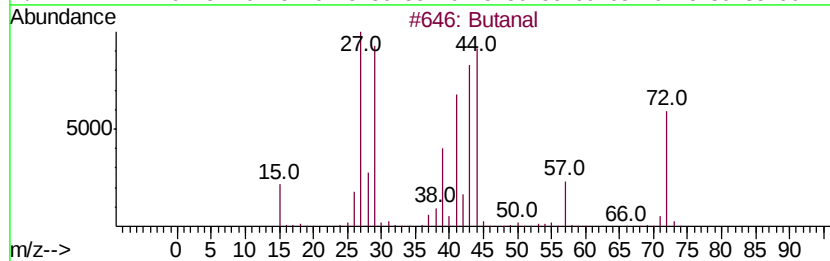
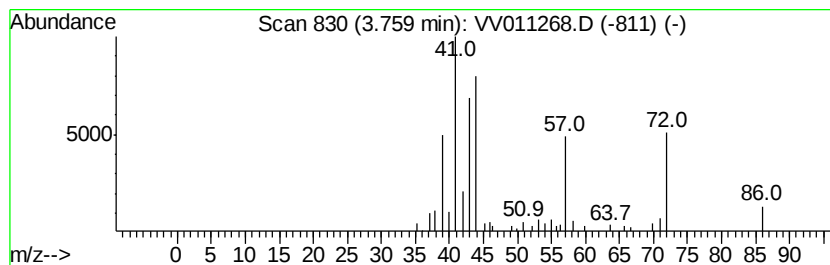
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Butanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.75 ug/L	59642	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	83
2		Butanal	72	C4H8O	000123-72-8	58
3		Propane	44	C3H8	000074-98-6	53
4		Butanal	72	C4H8O	000123-72-8	43
5		Propane	44	C3H8	000074-98-6	43



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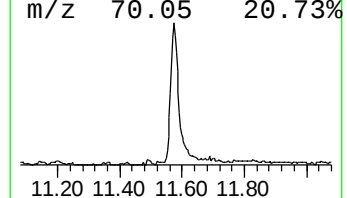
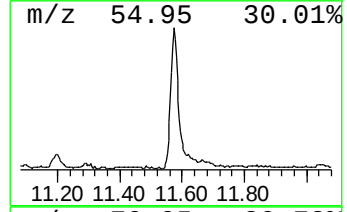
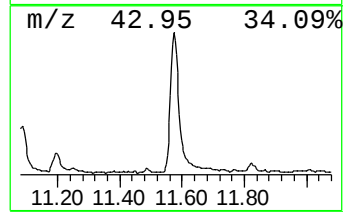
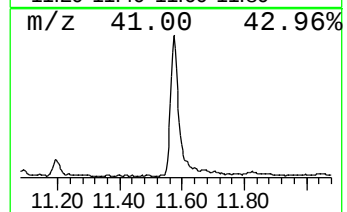
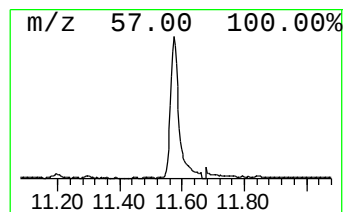
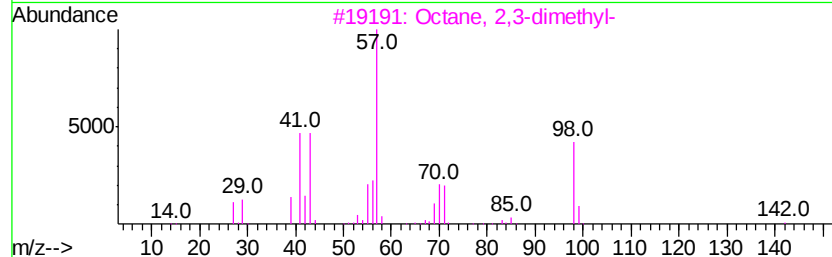
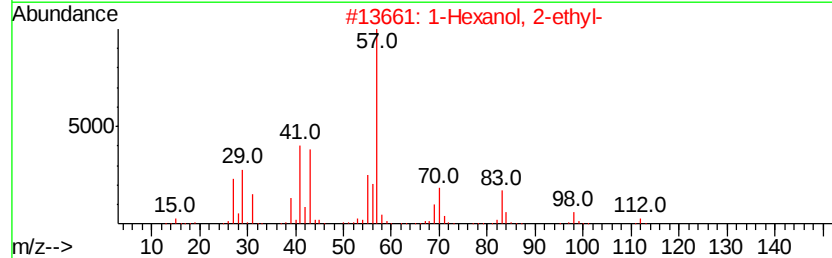
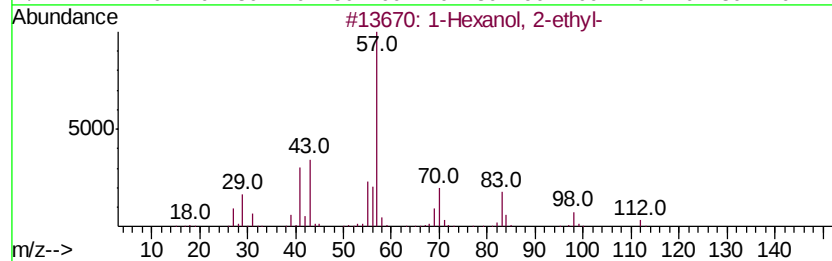
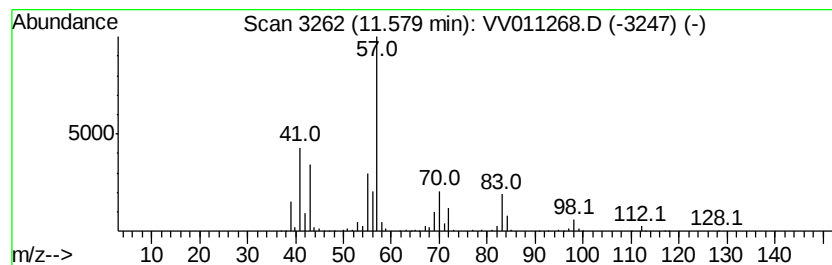
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.80 ug/L	335644	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	72
3	Octane, 2,3-dimethyl-	142 C10H22	007146-60-3	59
4	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	56
5	1-Isobutoxy-2-ethylhexane	186 C12H26O	1000139-90-3	56



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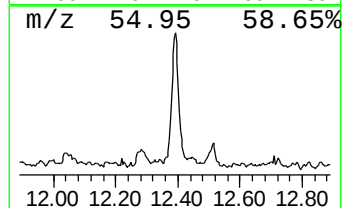
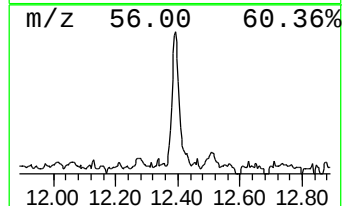
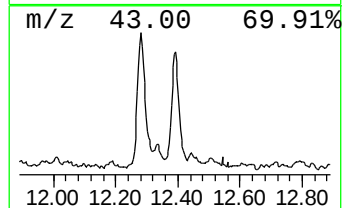
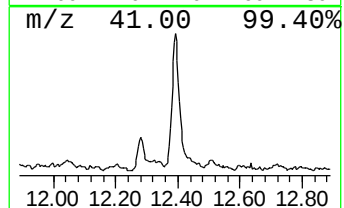
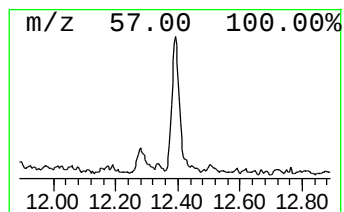
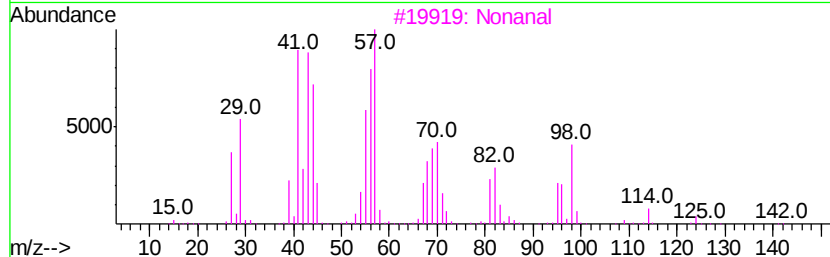
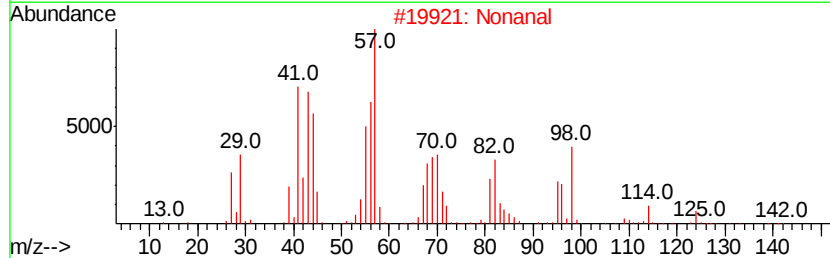
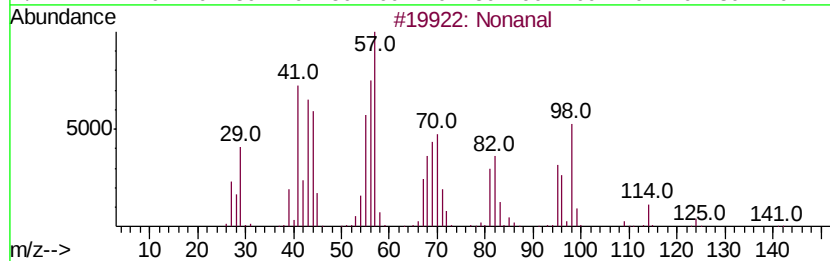
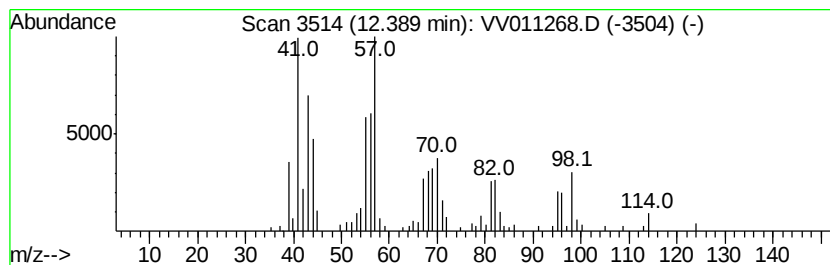
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	0.87 ug/L	77171	1,4-Dichlorobenzene-d4	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 91
2	Nonanal		142 C9H18O	000124-19-6 91
3	Nonanal		142 C9H18O	000124-19-6 90
4	Nonanal		142 C9H18O	000124-19-6 90
5	Cyclopentanol, 2-methyl-		100 C6H12O	024070-77-7 35



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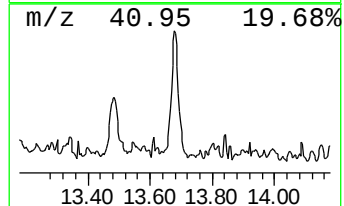
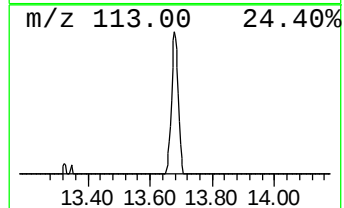
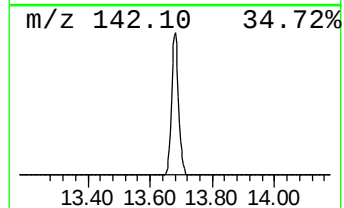
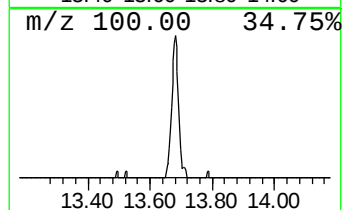
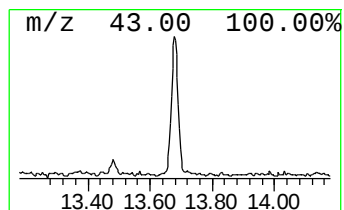
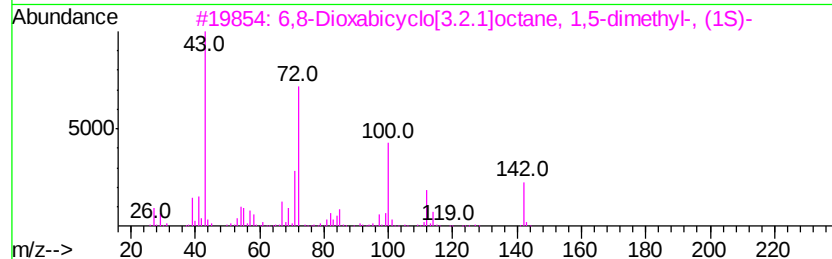
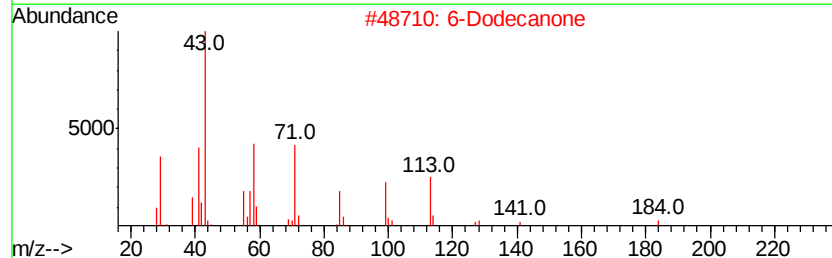
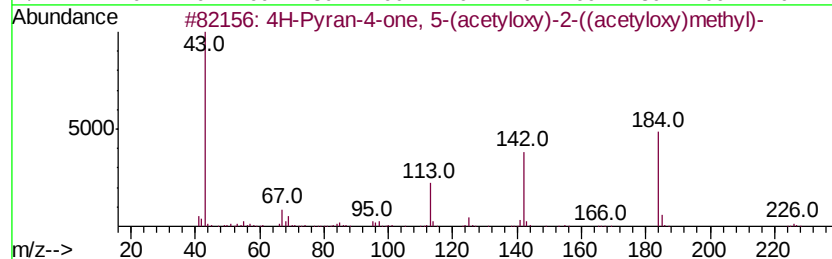
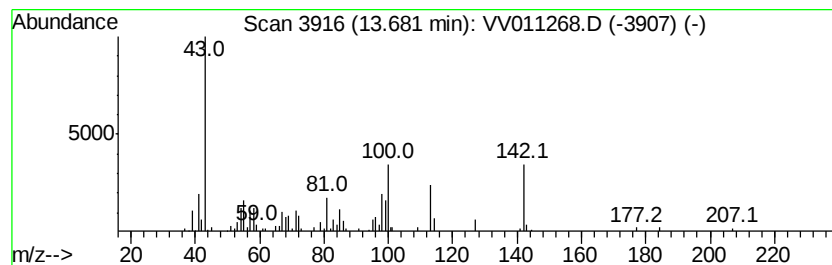
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	0.65 ug/L	57832	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Pyran-4-one, 5-(acetyloxy)-2-...	226	C10H10O6	026209-93-8	35
2		6-Dodecanone	184	C12H24O	006064-27-3	27
3		6,8-Dioxabicyclo[3.2.1]octane, 1...	142	C8H14O2	028401-39-0	25
4		2,4,6-Heptanetrione	142	C7H10O3	000626-53-9	14
5		6-Dodecanone	184	C12H24O	006064-27-3	14



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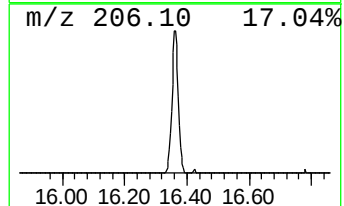
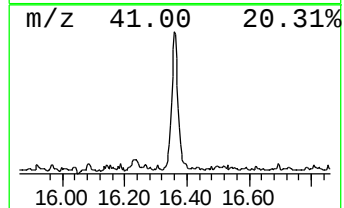
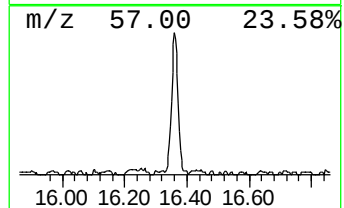
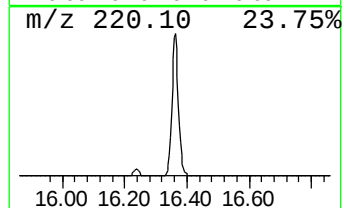
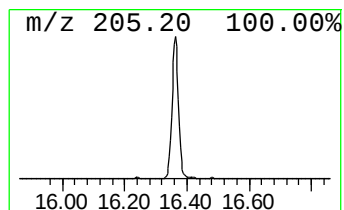
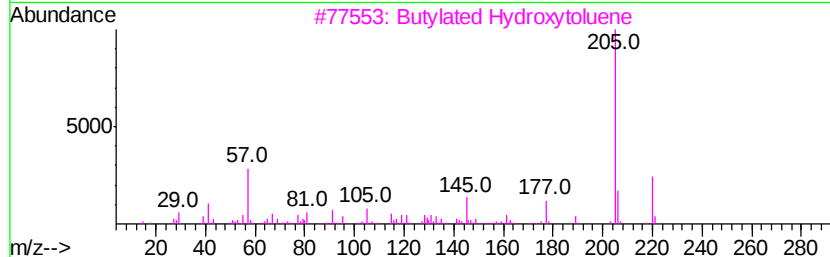
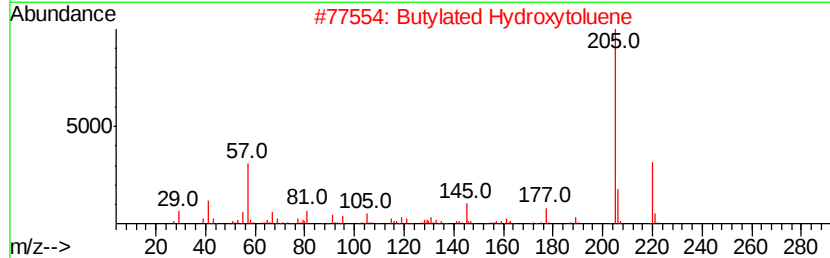
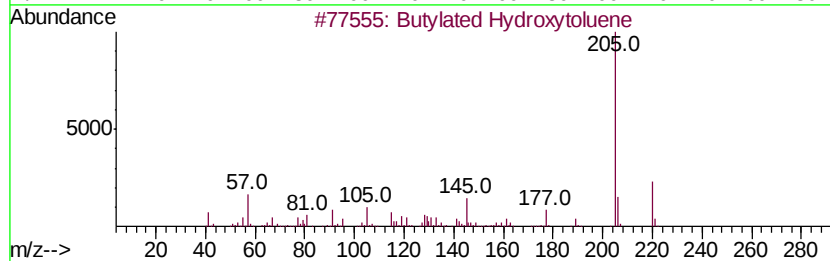
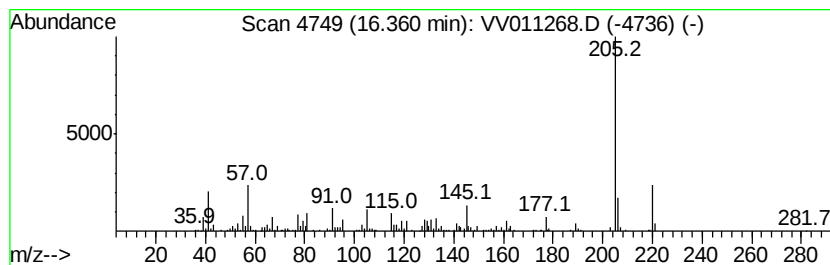
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Butylated Hydroxytoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	2.13 ug/L	188479	1,4-Dichlorobenzene-d4	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated		Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated		Hydroxytoluene	220	C15H24O	000128-37-0	97
3	Butylated		Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated		Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 4,6-di(1,1-dimethylethyl...			220	C15H24O	000616-55-7	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
Data File : VV011268.D
Acq On : 07 Jun 2019 03:20
Operator : SY/MD
Sample : K3197-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P55

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	1.23	55.7	ug/L	4431230	1	5.66	397991	5.0
Butanal	3.76	0.8	ug/L	59642	1	5.66	397991	5.0
1-Hexanol, 2-ethyl-	11.58	3.8	ug/L	335644	3	11.29	442021	5.0
Nonanal	12.39	0.9	ug/L	77171	3	11.29	442021	5.0
unknown-01	13.68	0.7	ug/L	57832	3	11.29	442021	5.0
Butylated Hydroxy...	16.36	2.1	ug/L	188479	3	11.29	442021	5.0