

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040117.D
 Acq On : 14 Sep 2020 13:40
 Operator : SY/MD
 Sample : L3961-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y42

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_U\METHOD\SOMUTR083120WMA.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	1.362	3	7	12	rBV2	5452	5197	1.23%	0.132%
2	1.604	71	82	92	rVB2	53810	74644	17.71%	1.900%
3	1.806	121	145	146	rBV	35371	84978	20.16%	2.163%
4	1.922	175	181	193	rVB	39900	55421	13.15%	1.411%
5	2.578	374	385	398	rBV	83285	132094	31.33%	3.362%
6	2.678	401	416	418	rBV2	14857	28122	6.67%	0.716%
7	2.880	454	479	482	rBV2	17408	51391	12.19%	1.308%
8	3.382	625	635	651	rVB4	9359	20329	4.82%	0.517%
9	3.800	754	765	775	rBV8	3238	6165	1.46%	0.157%
10	4.520	975	989	1004	rBV2	15008	37437	8.88%	0.953%
11	4.661	1017	1033	1074	rBV2	46607	182639	43.32%	4.649%
12	4.832	1074	1086	1109	rVB2	16579	43786	10.39%	1.115%
13	5.083	1148	1164	1182	rBV	73043	158601	37.62%	4.037%
14	5.603	1312	1326	1337	rVB4	8052	17992	4.27%	0.458%
15	5.742	1348	1369	1388	rBV3	136853	354953	84.20%	9.035%
16	6.263	1516	1531	1551	rBV	169873	320093	75.93%	8.148%
17	6.507	1596	1607	1626	rVB2	11700	23620	5.60%	0.601%
18	6.703	1654	1668	1685	rVB	88129	171415	40.66%	4.363%
19	7.173	1804	1814	1822	rBV8	3940	7356	1.74%	0.187%
20	7.574	1927	1939	1951	rBV	43298	74481	17.67%	1.896%
21	7.722	1972	1985	1995	rVB9	3249	6180	1.47%	0.157%
22	7.906	2024	2042	2057	rBV	159235	272008	64.52%	6.924%
23	8.185	2118	2129	2143	rBV	28588	48617	11.53%	1.238%
24	8.642	2257	2271	2302	rBV	228718	421383	99.96%	10.726%
25	8.944	2353	2365	2383	rBV4	5477	16080	3.81%	0.409%
26	9.420	2499	2513	2532	rBV	258987	421562	100.00%	10.731%
27	10.526	2846	2857	2869	rBV4	2509	4393	1.04%	0.112%
28	10.758	2917	2929	2942	rBV	69832	112771	26.75%	2.871%
29	11.471	3141	3151	3164	rVB	10814	16653	3.95%	0.424%
30	11.809	3242	3256	3269	rBV	246766	392863	93.19%	10.000%
31	12.053	3322	3332	3349	rBV2	46233	81508	19.33%	2.075%
32	12.188	3362	3374	3390	rVB	168492	271859	64.49%	6.920%
33	12.764	3542	3553	3561	rBV6	4149	6508	1.54%	0.166%
34	13.201	3681	3689	3697	rBV5	3895	5432	1.29%	0.138%

LSC Area Percent Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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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_U\METHOD\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

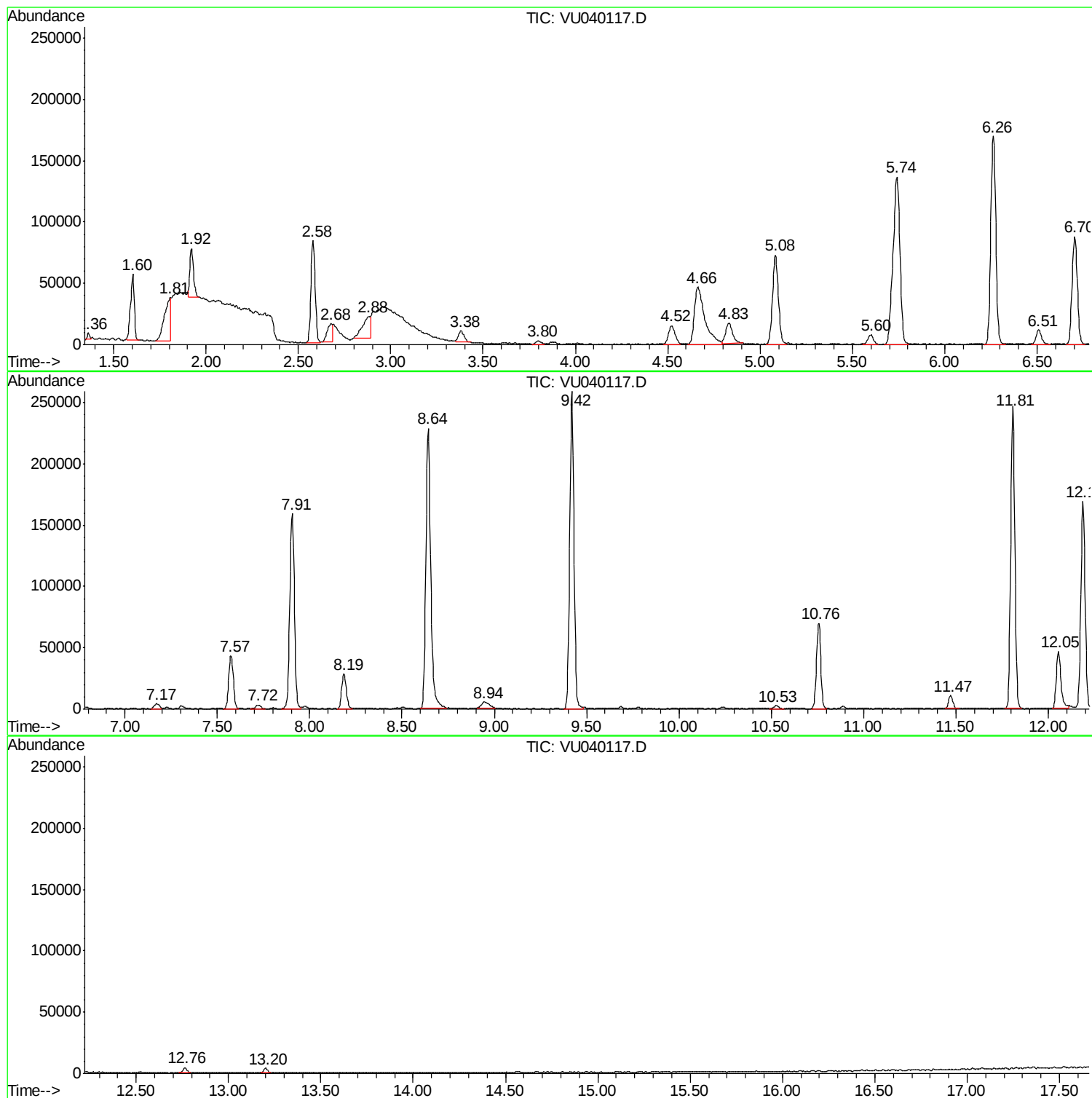
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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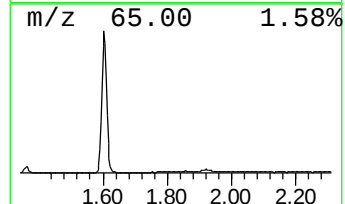
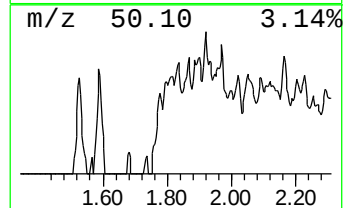
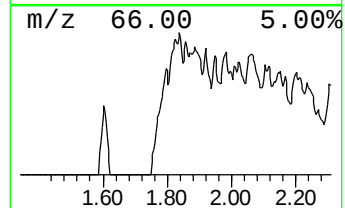
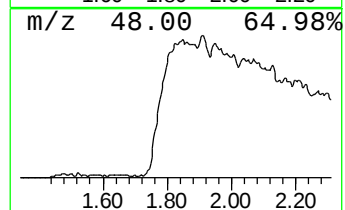
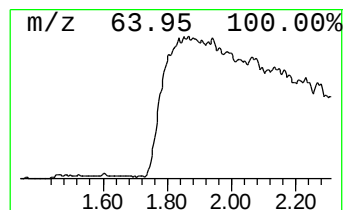
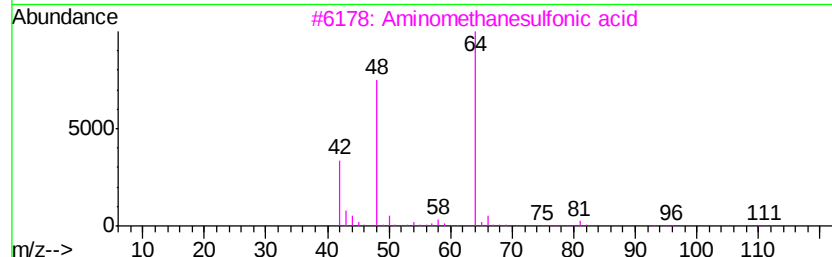
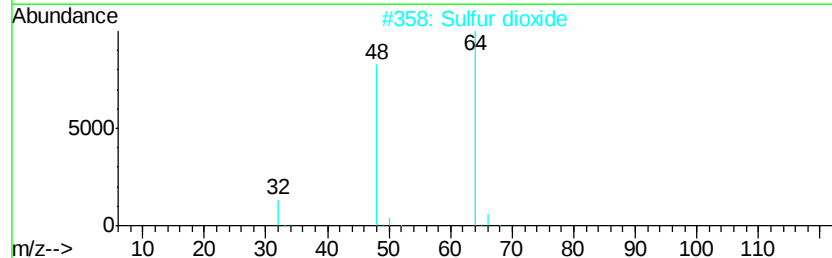
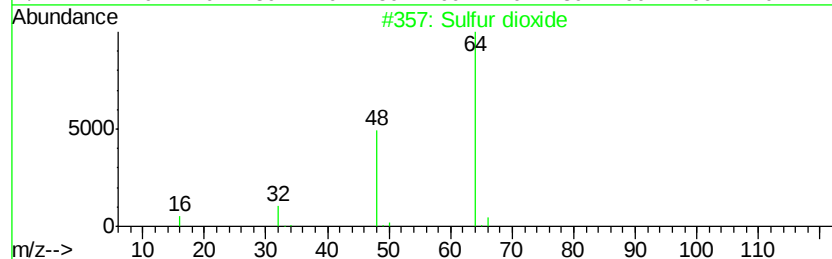
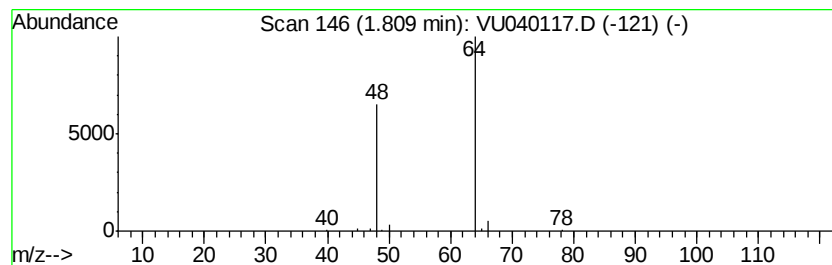
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	1.33 ug/L	84978	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	9
4	Ethene, 1,1-difluoro-		64	C2H2F2	000075-38-7	5
5	Ethyl Chloride		64	C2H5Cl	000075-00-3	4



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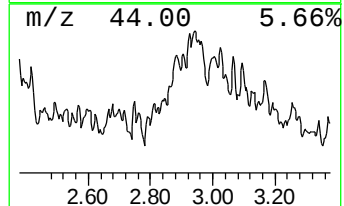
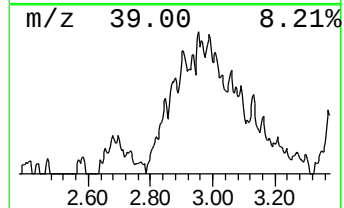
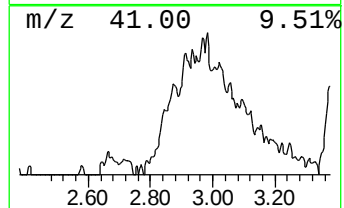
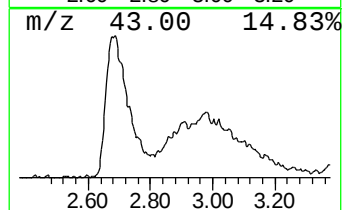
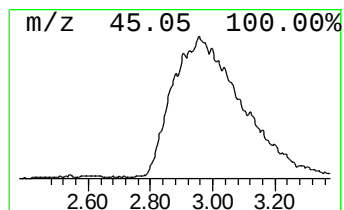
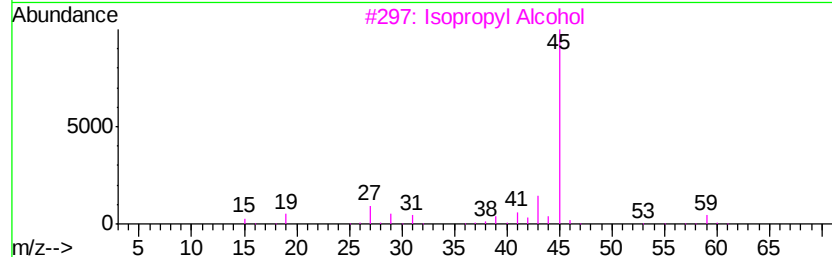
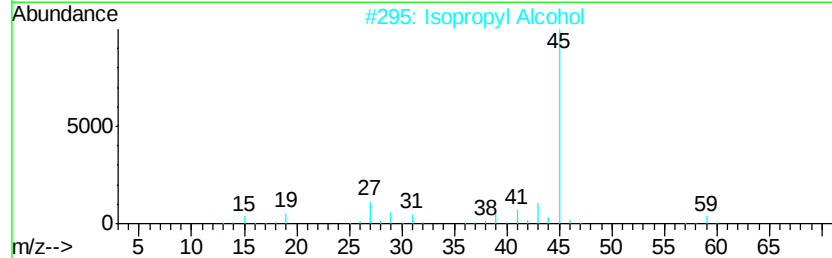
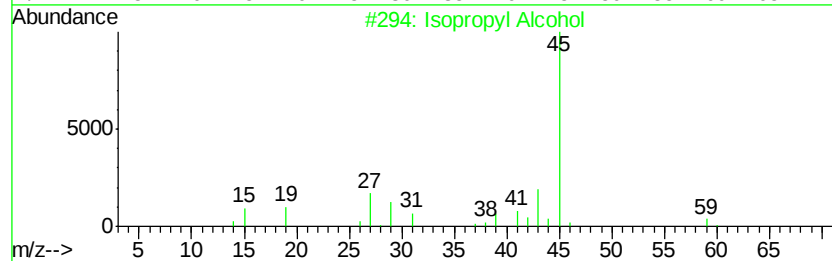
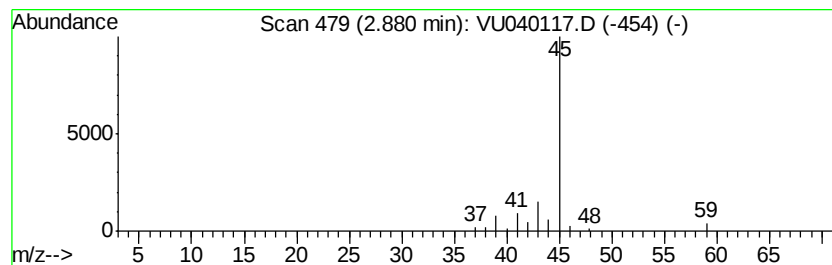
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	0.80 ug/L	51391	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	43
4			4-Penten-2-ol	86	C5H10O	000625-31-0	9
5			4-Penten-2-ol	86	C5H10O	000625-31-0	9



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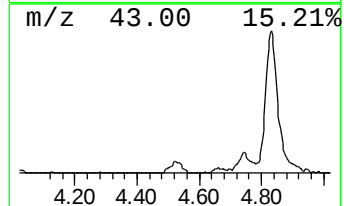
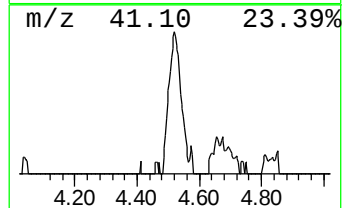
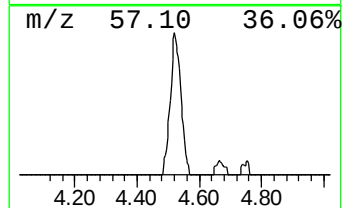
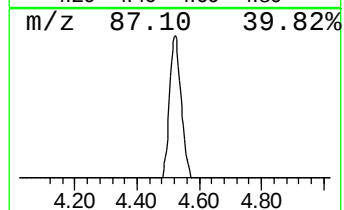
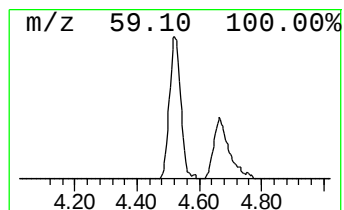
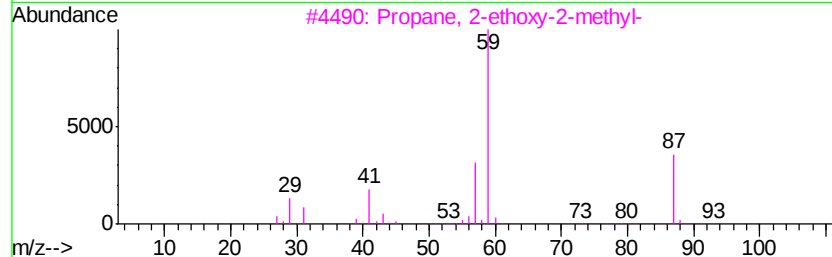
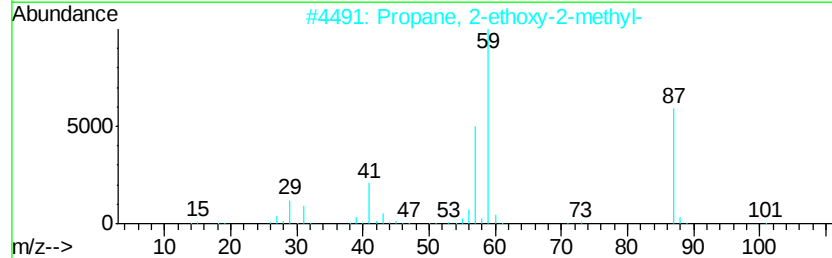
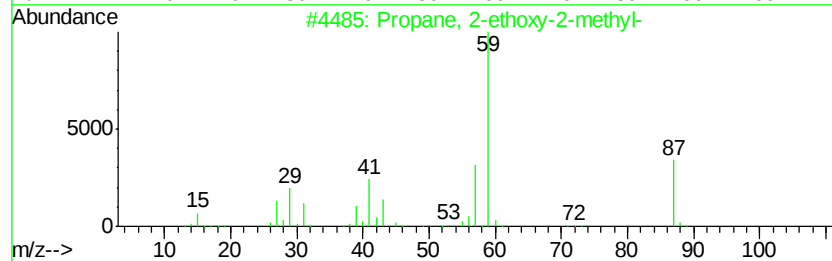
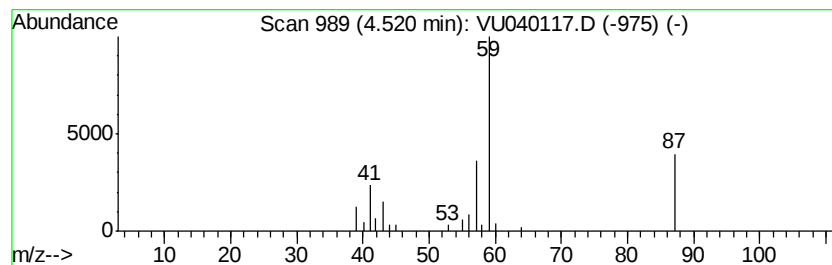
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Propane, 2-ethoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	0.58 ug/L	37437	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	78
2		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
4		4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	28
5		Guanidine	59	CH5N3	000113-00-8	9



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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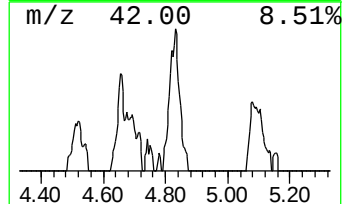
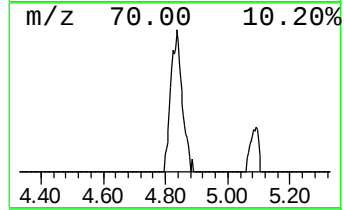
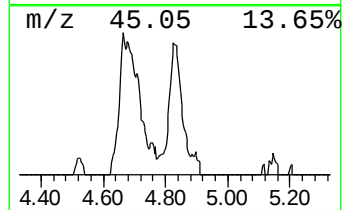
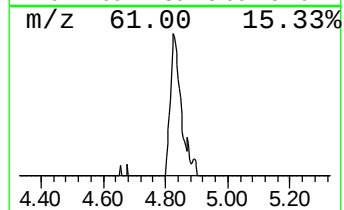
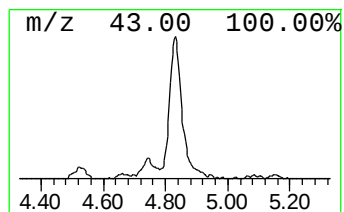
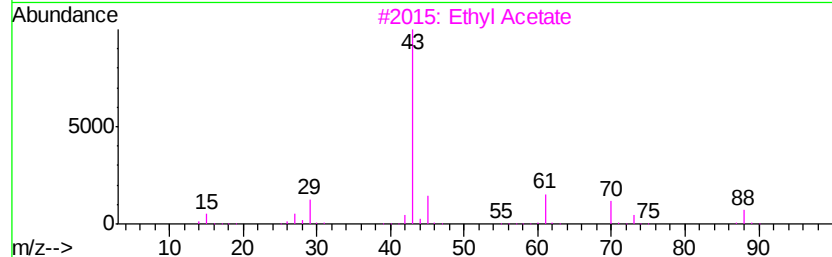
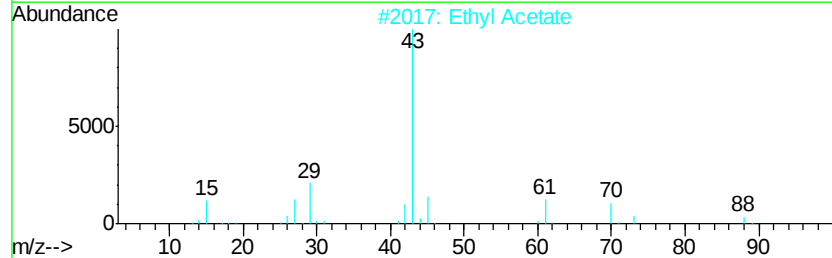
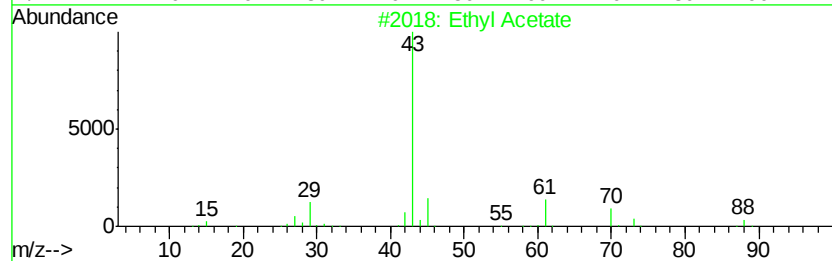
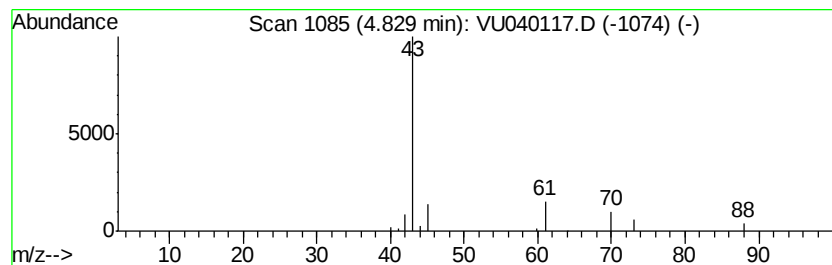
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Ethyl Acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.68 ug/L	43786	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	78
4		Ethyl Acetate	88	C4H8O2	000141-78-6	78
5		1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	33



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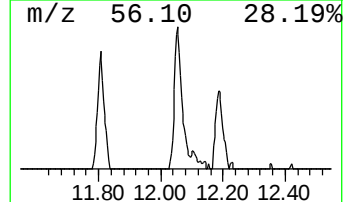
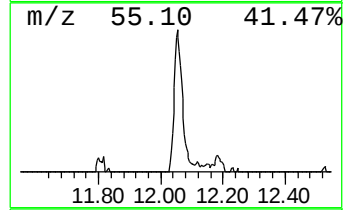
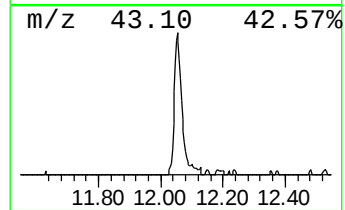
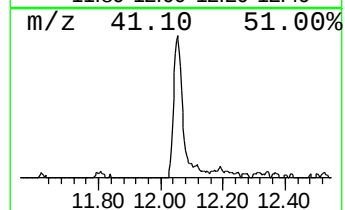
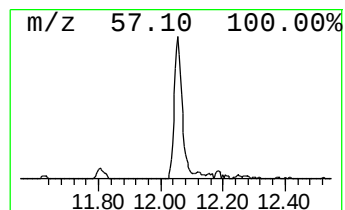
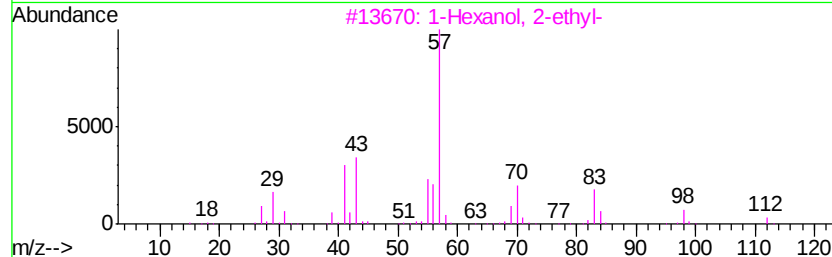
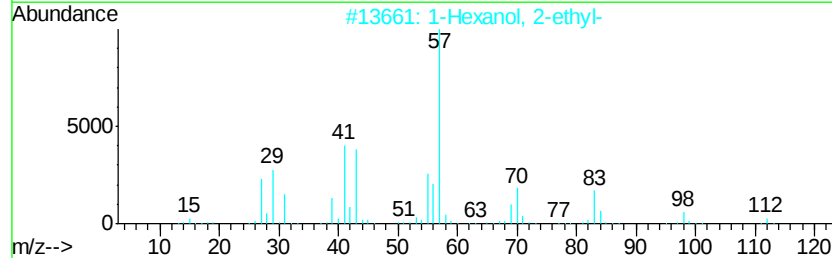
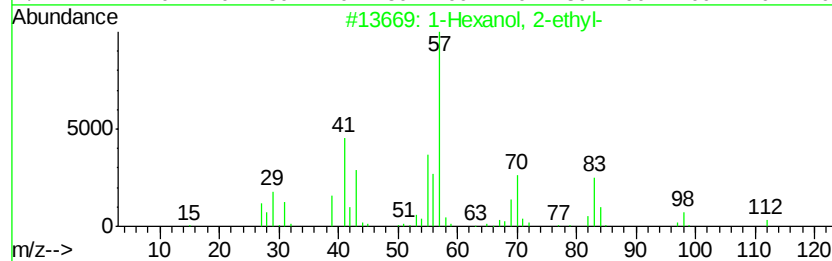
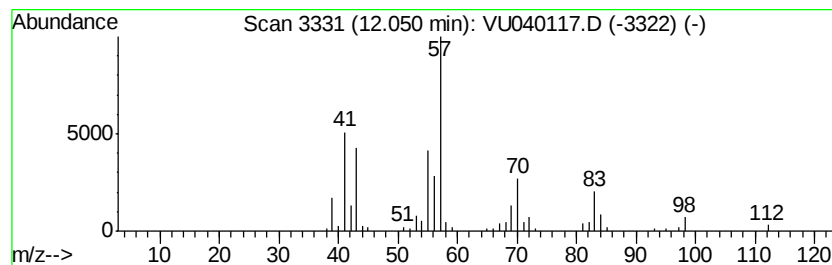
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TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.05	1.04 ug/L	81508	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



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Acq On : 14 Sep 2020 13:40
Operator : SY/MD
Sample : L3961-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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	1.81	1.3	ug/L	84978	1	6.26	320093	5.0
Isopropyl Alcohol	2.88	0.8	ug/L	51391	1	6.26	320093	5.0
Propane, 2-ethoxy...	4.52	0.6	ug/L	37437	1	6.26	320093	5.0
Ethyl Acetate	4.83	0.7	ug/L	43786	1	6.26	320093	5.0
1-Hexanol, 2-ethyl-	12.05	1.0	ug/L	81508	3	11.81	392863	5.0