

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040090.D
 Acq On : 10 Sep 2020 18:48
 Operator : SY/MD
 Sample : L3961-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y33

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	1.604	71	82	93	rVB2	53775	84277	12.41%	1.582%
2	1.748	99	127	132	rBV2	55853	236630	34.84%	4.443%
3	1.922	177	181	190	rVB	39587	46829	6.89%	0.879%
4	2.578	375	385	398	rBV2	74942	123911	18.24%	2.327%
5	2.658	398	410	441	rVB	31130	90670	13.35%	1.702%
6	2.842	442	467	532	rBV	100914	679222	100.00%	12.753%
7	3.382	622	635	649	rVB3	8957	21073	3.10%	0.396%
8	3.890	773	793	815	rBV	74897	183550	27.02%	3.446%
9	4.523	975	990	1003	rBV3	9021	21684	3.19%	0.407%
10	4.655	1015	1031	1051	rBV	58196	165046	24.30%	3.099%
11	4.826	1071	1084	1106	rVB	22867	54629	8.04%	1.026%
12	5.083	1149	1164	1177	rBV	70054	150753	22.19%	2.831%
13	5.600	1312	1325	1339	rBV2	10418	22517	3.32%	0.423%
14	5.742	1347	1369	1375	rBV3	128727	327771	48.26%	6.154%
15	5.790	1376	1384	1408	rVB	240131	508219	74.82%	9.542%
16	6.263	1517	1531	1554	rBV	146929	282565	41.60%	5.306%
17	6.510	1592	1608	1624	rBV3	42205	83999	12.37%	1.577%
18	6.703	1655	1668	1682	rBV2	85290	163140	24.02%	3.063%
19	7.169	1804	1813	1822	rBV6	4086	7655	1.13%	0.144%
20	7.308	1847	1856	1863	rBV6	5931	9612	1.42%	0.180%
21	7.468	1893	1906	1924	rBV2	39741	73989	10.89%	1.389%
22	7.575	1927	1939	1952	rBV2	42528	75147	11.06%	1.411%
23	7.723	1966	1985	2001	rVB4	10205	21689	3.19%	0.407%
24	7.906	2017	2042	2058	rBV	156004	279996	41.22%	5.257%
25	8.185	2118	2129	2141	rBV2	27447	44999	6.63%	0.845%
26	8.430	2194	2205	2214	rBV5	5513	9193	1.35%	0.173%
27	8.639	2257	2270	2293	rBV	229936	410999	60.51%	7.717%
28	8.935	2346	2362	2372	rBV4	6085	13797	2.03%	0.259%
29	9.420	2500	2513	2531	rBV	217161	358662	52.80%	6.734%
30	10.758	2917	2929	2942	rVB	67186	108244	15.94%	2.032%
31	11.468	3140	3150	3167	rVB3	12580	20752	3.06%	0.390%
32	11.809	3241	3256	3275	rVB	204373	332913	49.01%	6.251%
33	12.054	3322	3332	3344	rBV2	31231	53323	7.85%	1.001%
34	12.189	3362	3374	3387	rVB2	159114	258420	38.05%	4.852%

LSC Area Percent Report

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ALS Vial : 24 Sample Multiplier: 1

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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

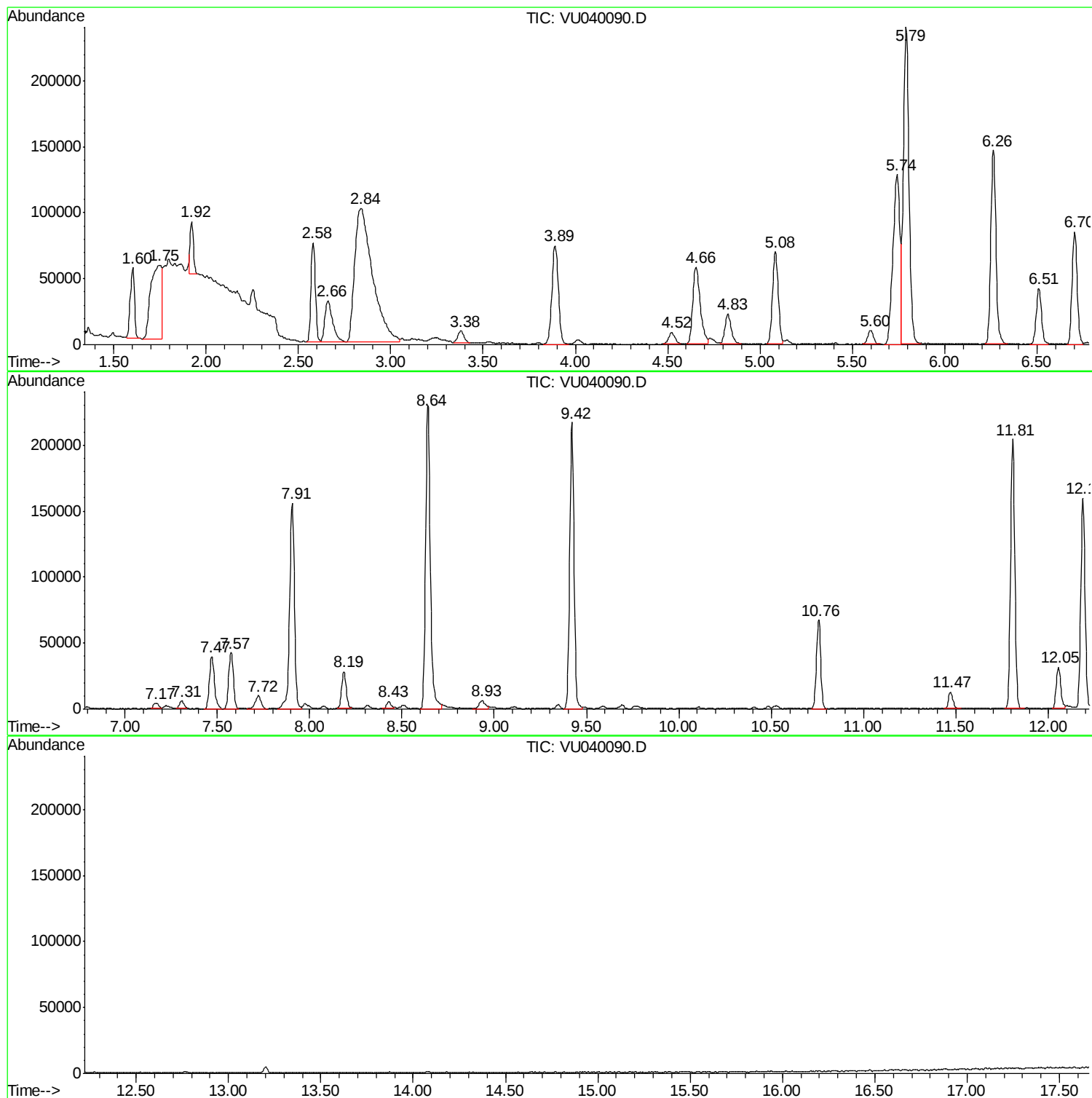
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Quant Title : TRACE VOA SOM01.0

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



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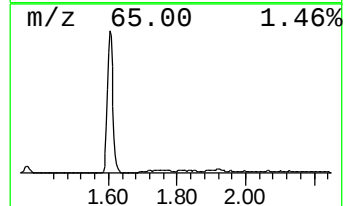
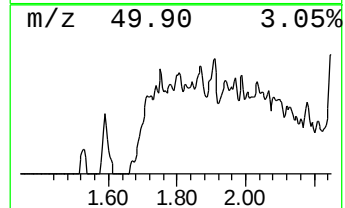
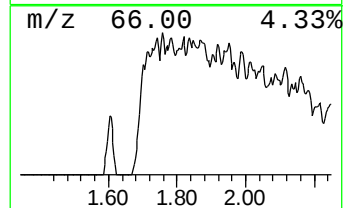
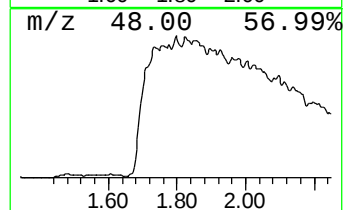
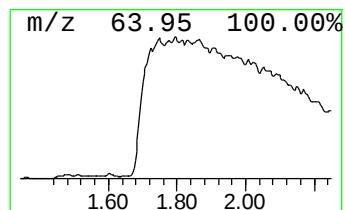
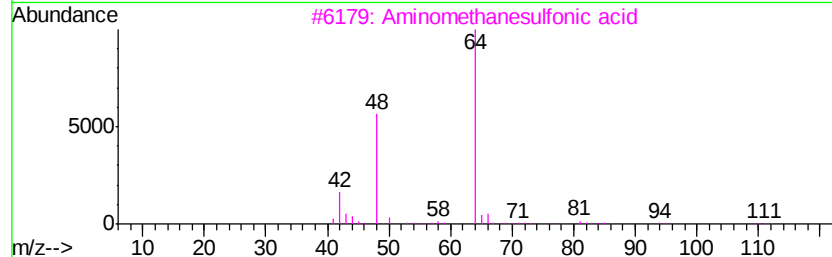
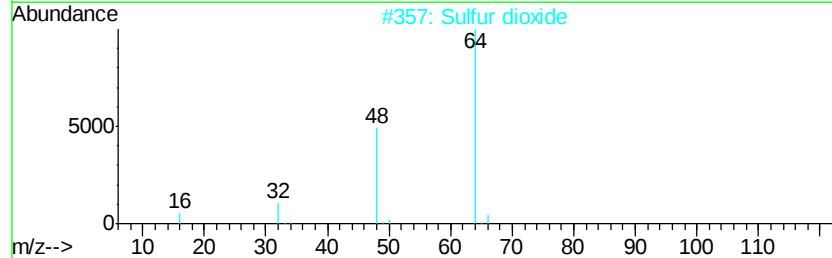
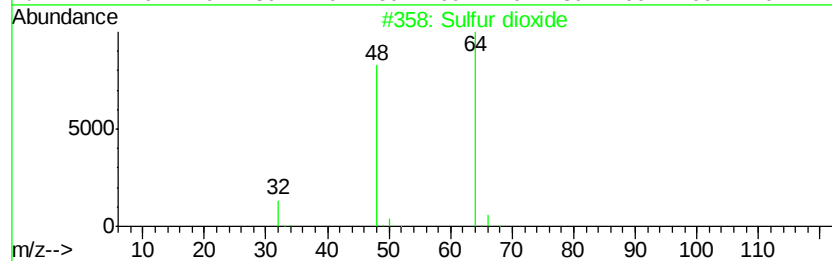
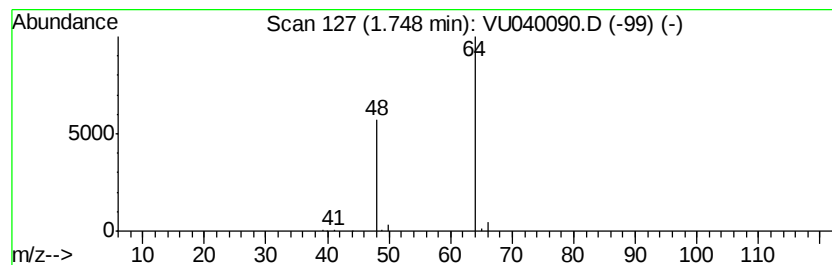
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	4.19 ug/L	236630	1,4-Difluorobenzene	6.26
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	9
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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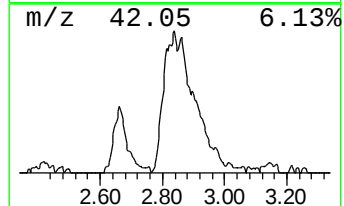
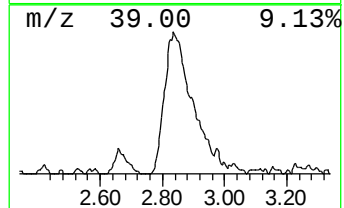
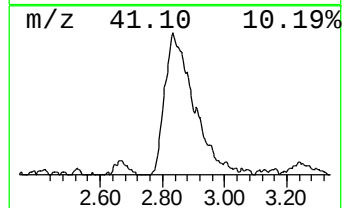
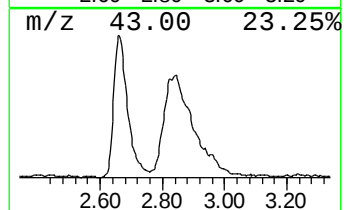
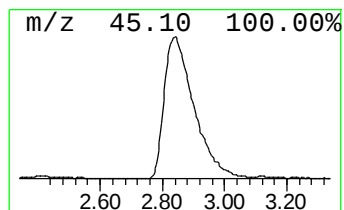
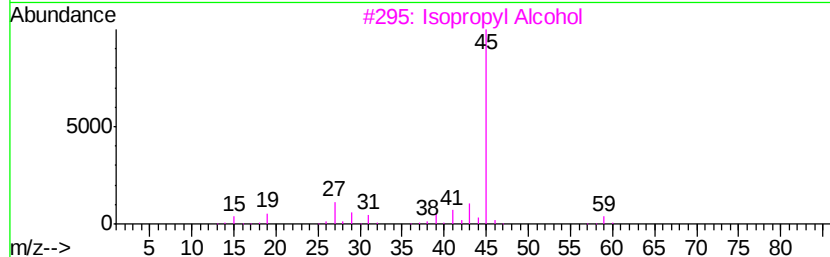
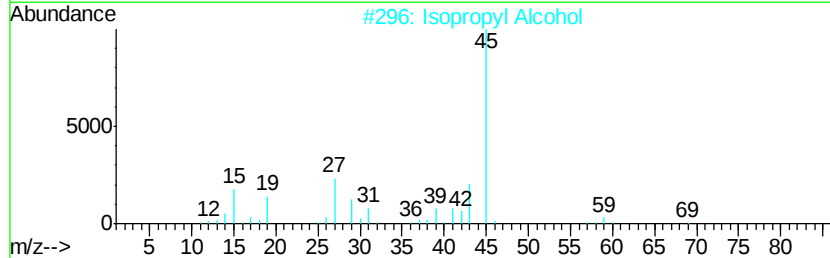
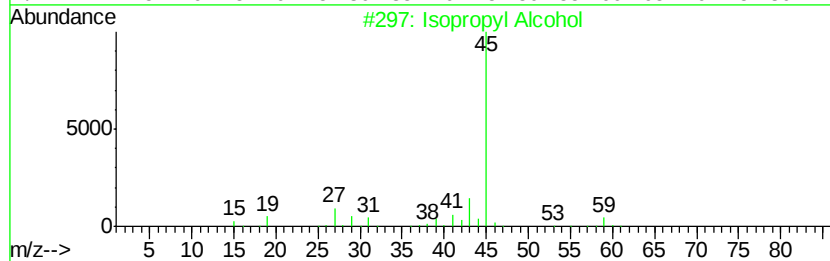
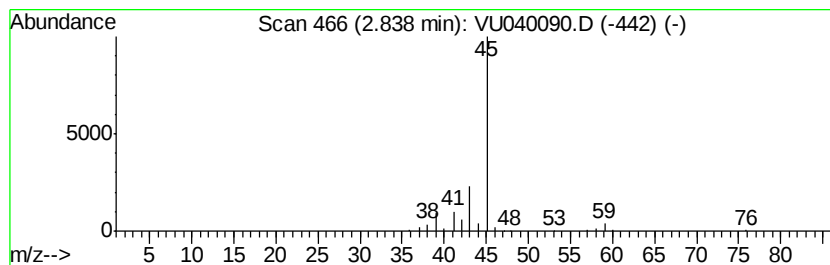
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	12.02 ug/L	679222	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40



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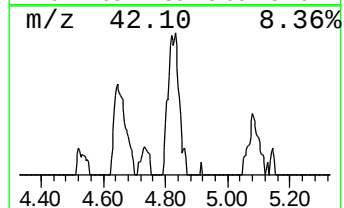
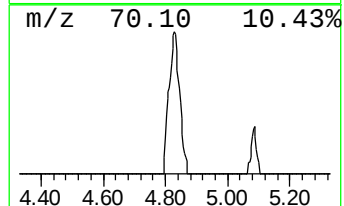
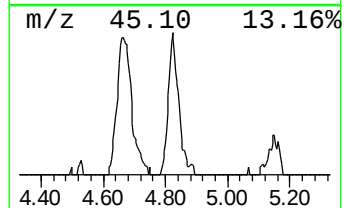
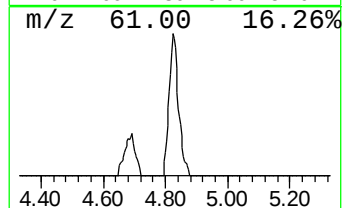
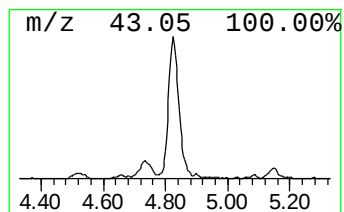
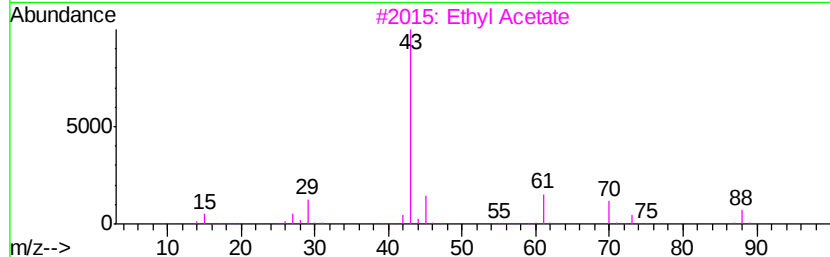
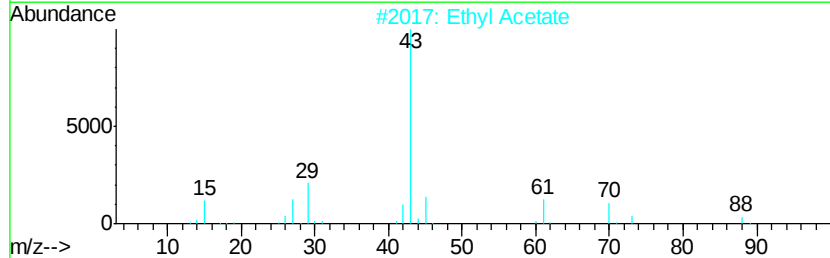
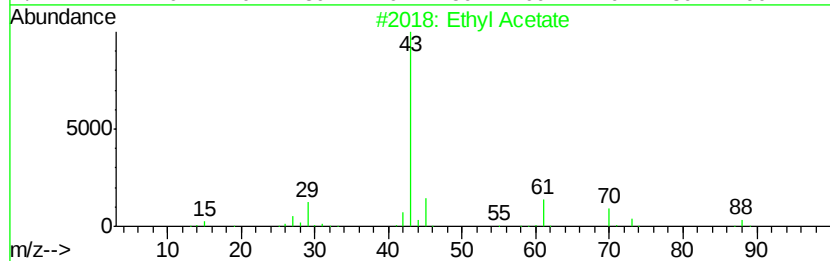
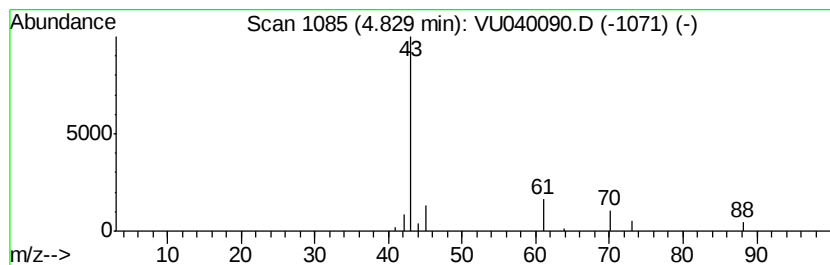
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Ethyl Acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.97 ug/L	54629	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	64
4		Ethyl Acetate	88	C4H8O2	000141-78-6	50
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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 ALS Vial : 24 Sample Multiplier: 1

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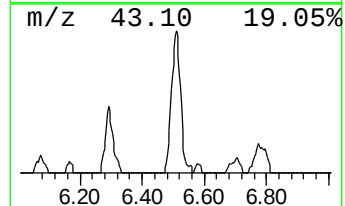
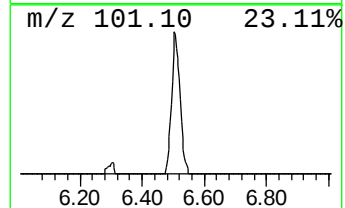
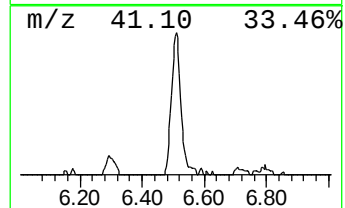
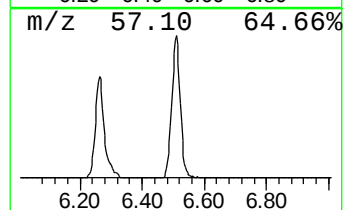
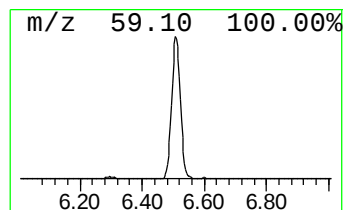
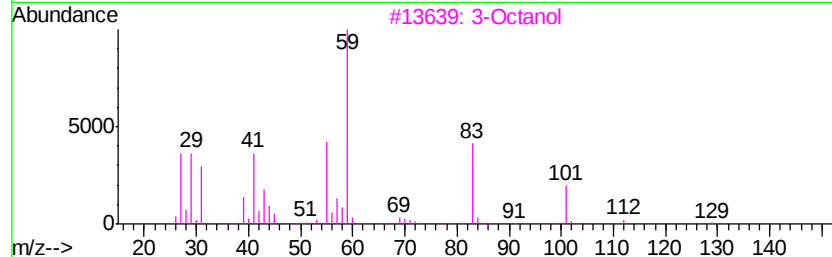
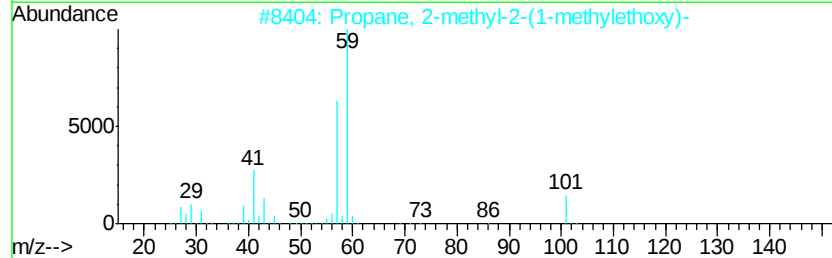
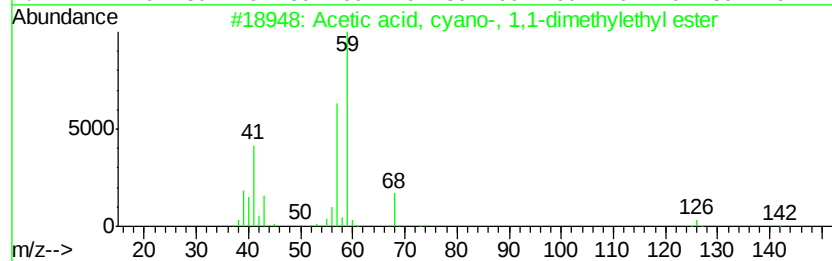
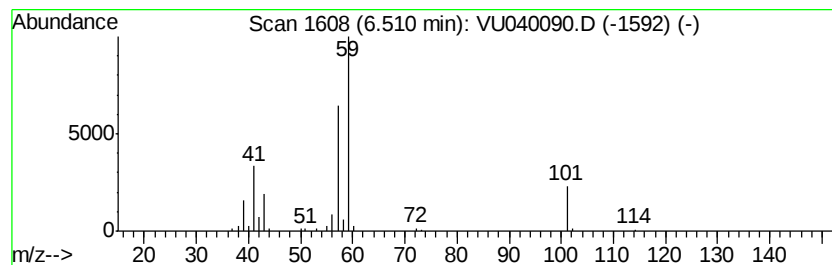
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Acetic acid, cyano-, 1,1-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	1.49 ug/L	83999	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	56		
3	3-Octanol	130	C8H18O	000589-98-0	40		
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	38		
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38		



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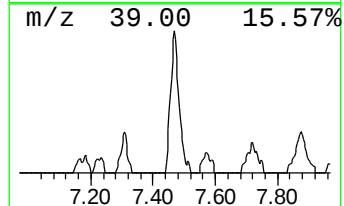
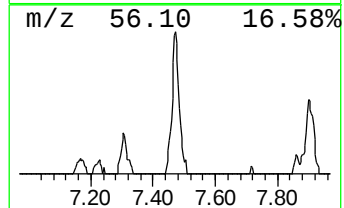
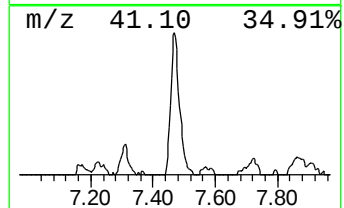
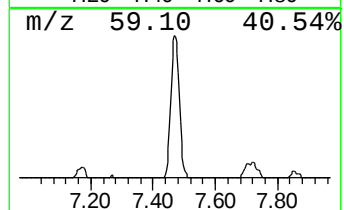
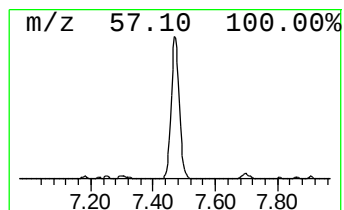
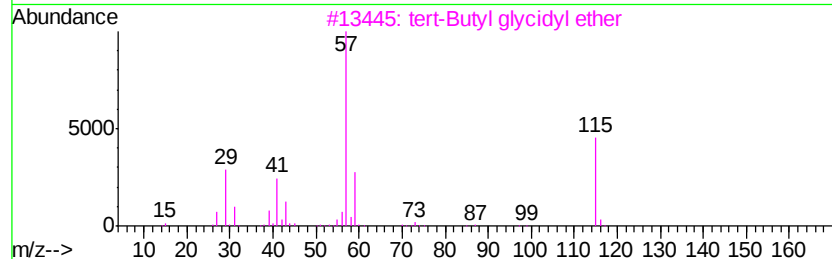
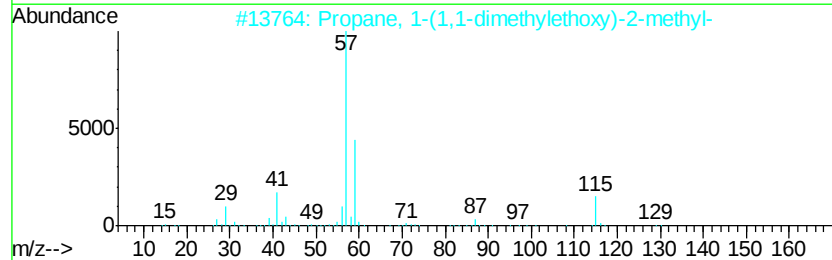
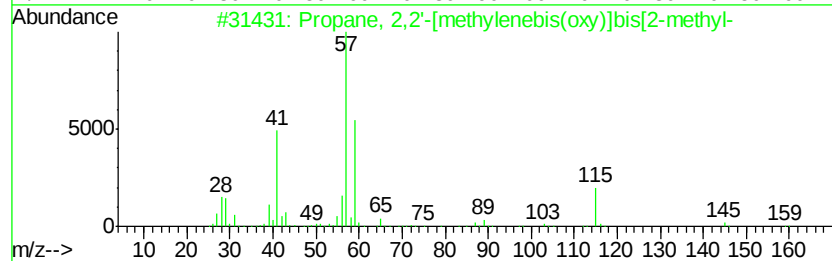
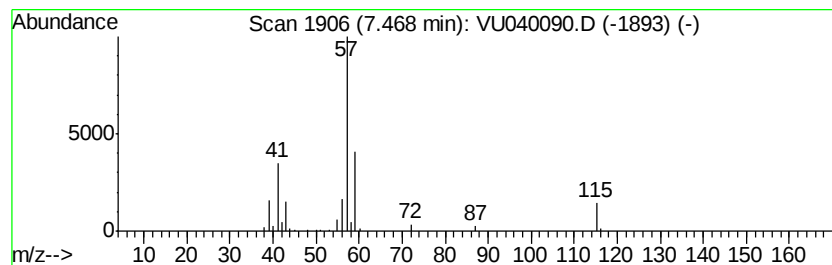
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propane, 2,2'-[methylenebis... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	1.31 ug/L	73989	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	78		
2	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	64		
3	tert-Butyl glycidyl ether	130	C7H14O2	007665-72-7	50		
4	Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	42		
5	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	38		



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Operator : SY/MD
Sample : L3961-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y33

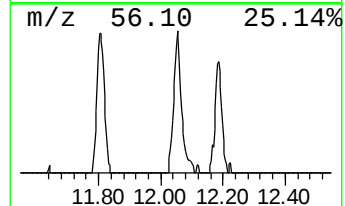
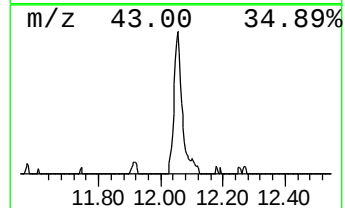
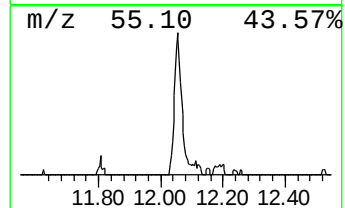
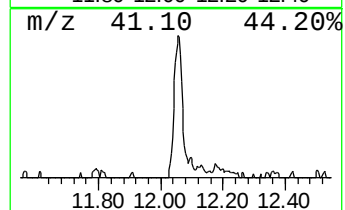
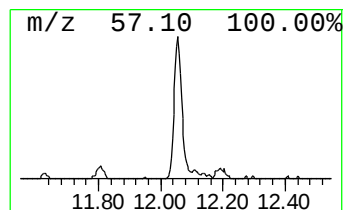
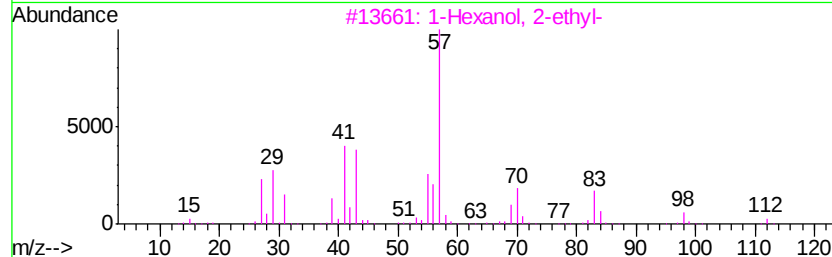
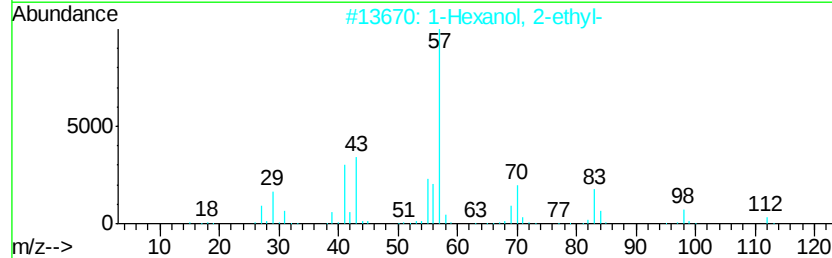
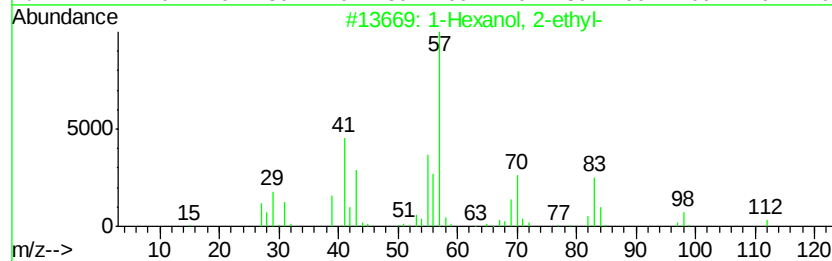
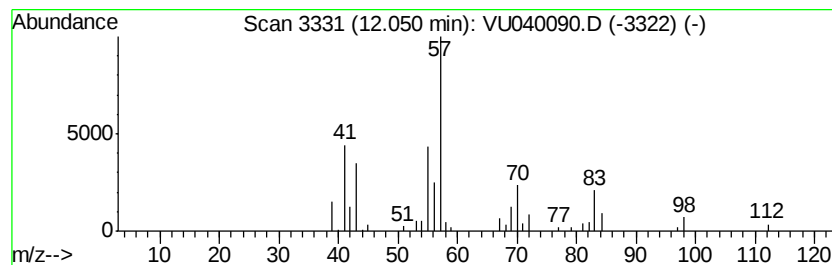
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.80 ug/L	53323	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-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040090.D
Acq On : 10 Sep 2020 18:48
Operator : SY/MD
Sample : L3961-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y33

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	1.75	4.2	ug/L	236630	1	6.26	282565	5.0
Isopropyl Alcohol	2.84	12.0	ug/L	679222	1	6.26	282565	5.0
Ethyl Acetate	4.83	1.0	ug/L	54629	1	6.26	282565	5.0
Acetic acid, cyan...	6.51	1.5	ug/L	83999	1	6.26	282565	5.0
Propane, 2,2'-[me...	7.47	1.3	ug/L	73989	1	6.26	282565	5.0
1-Hexanol, 2-ethyl-	12.05	0.8	ug/L	53323	3	11.81	332913	5.0