

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010609.D
 Acq On : 01 May 2019 17:20
 Operator : SY/MD
 Sample : K2590-04
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X91

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\SOMVTR050119WMA.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	1.116	3	8	20	rVB	33225	34288	12.88%	1.399%
2	1.222	30	41	50	rBV3	11502	17761	6.67%	0.724%
3	1.319	62	71	87	rVB	38057	42198	15.86%	1.721%
4	1.499	113	127	128	rBV4	2524	4034	1.52%	0.165%
5	1.511	128	131	136	rVB5	4132	4025	1.51%	0.164%
6	1.566	136	148	160	rBV	26075	33219	12.48%	1.355%
7	1.762	202	209	217	rVB3	3096	4219	1.59%	0.172%
8	2.126	312	322	332	rBV	65662	90785	34.11%	3.703%
9	2.190	334	342	355	rVB	10723	16388	6.16%	0.668%
10	2.315	370	381	395	rVB	10924	20142	7.57%	0.822%
11	2.656	471	487	504	rBV	5842	13016	4.89%	0.531%
12	3.933	872	884	912	rBV	36638	106012	39.83%	4.324%
13	4.132	934	946	965	rVB2	10311	25552	9.60%	1.042%
14	4.402	1014	1030	1052	rBV	47779	121427	45.62%	4.953%
15	5.093	1229	1245	1266	rBV3	109911	266144	100.00%	10.856%
16	5.662	1409	1422	1442	rBV2	82951	165576	62.21%	6.754%
17	5.961	1503	1515	1527	rBV7	5004	9247	3.47%	0.377%
18	6.116	1550	1563	1581	rBV2	62843	126022	47.35%	5.141%
19	7.029	1835	1847	1860	rBV2	29222	50951	19.14%	2.078%
20	7.360	1936	1950	1981	rBV	126449	230734	86.70%	9.412%
21	7.666	2035	2045	2057	rBV2	17252	28607	10.75%	1.167%
22	7.981	2132	2143	2149	rBV4	3107	5730	2.15%	0.234%
23	8.016	2149	2154	2162	rVB5	2231	3150	1.18%	0.128%
24	8.132	2178	2190	2218	rBV	153069	261893	98.40%	10.683%
25	8.283	2232	2237	2252	rVB8	2461	4365	1.64%	0.178%
26	8.894	2415	2427	2453	rBV	125232	214578	80.62%	8.753%
27	10.058	2783	2789	2804	rVB3	1758	3072	1.15%	0.125%
28	10.260	2841	2852	2868	rBV	44936	71296	26.79%	2.908%
29	10.421	2894	2902	2912	rVB3	4634	7380	2.77%	0.301%
30	11.138	3118	3125	3135	rBV3	2416	3391	1.27%	0.138%
31	11.296	3163	3174	3191	rBV	112455	180779	67.93%	7.374%
32	11.579	3252	3262	3277	rBV2	42721	76181	28.62%	3.107%
33	11.672	3280	3291	3311	rVB	129728	209387	78.67%	8.541%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X91

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\SOMVTR050119WMA.M
Title : TRACE VOA SOM01.0

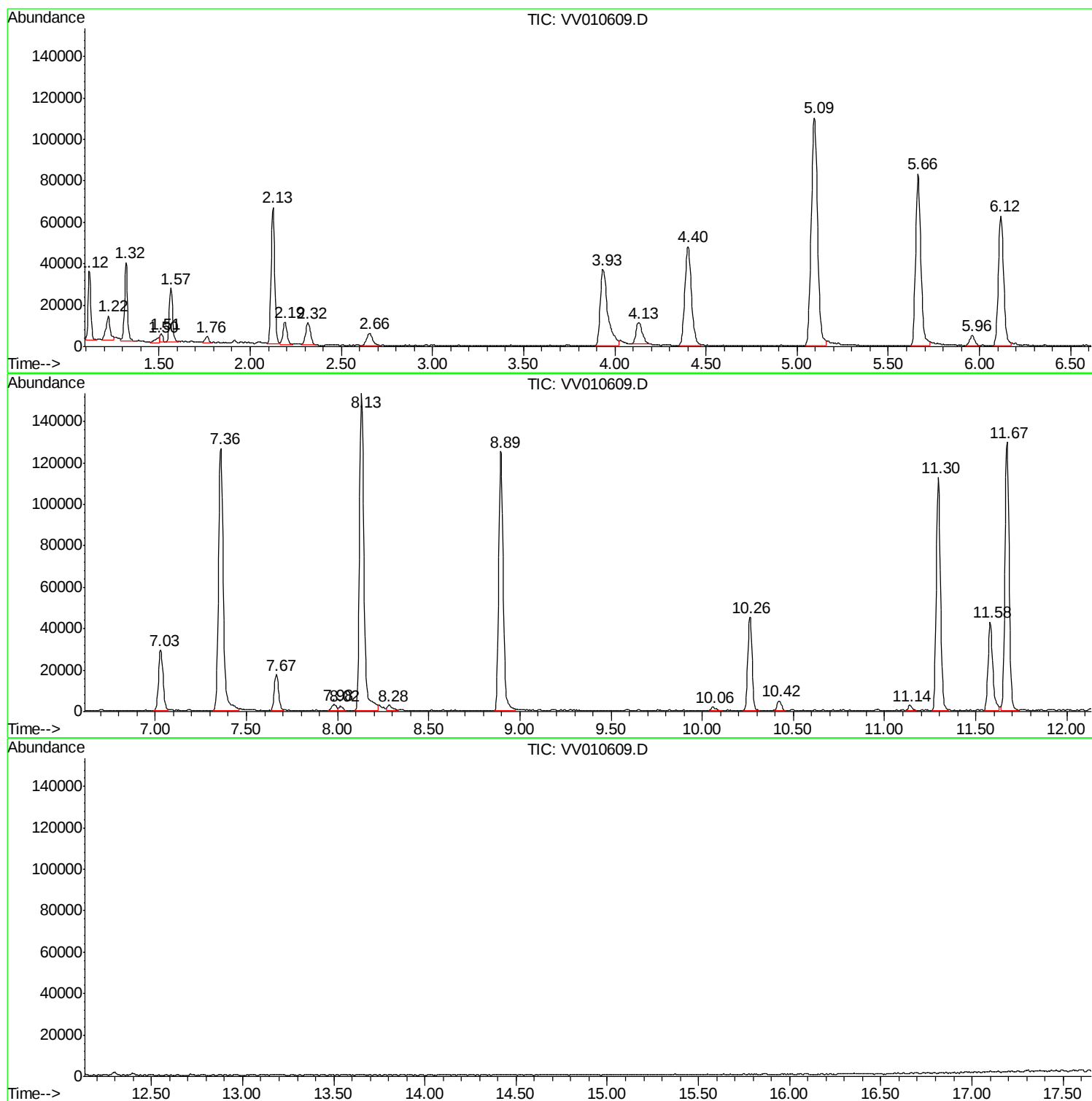
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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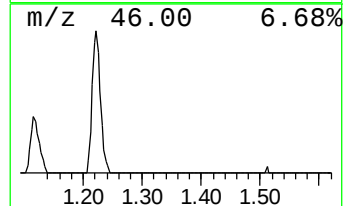
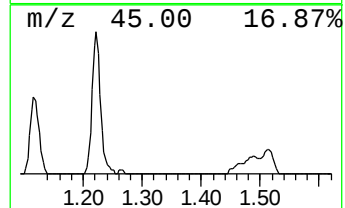
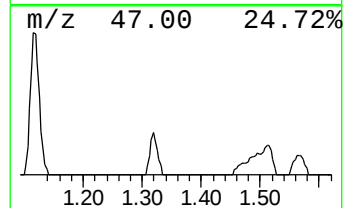
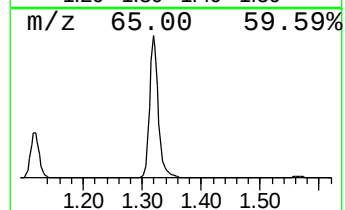
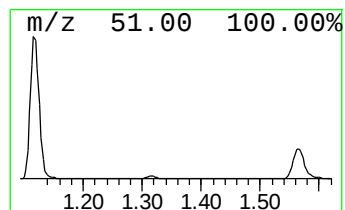
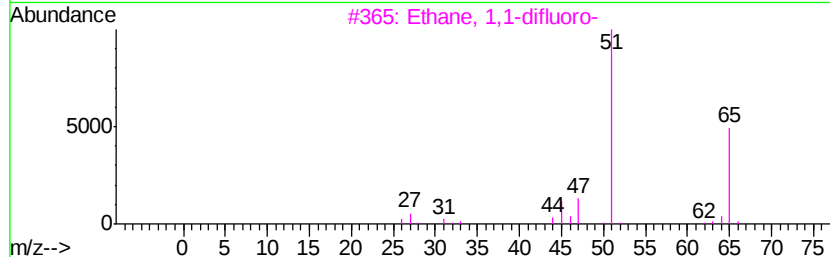
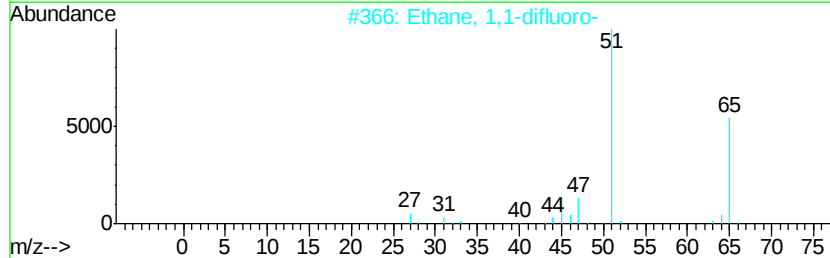
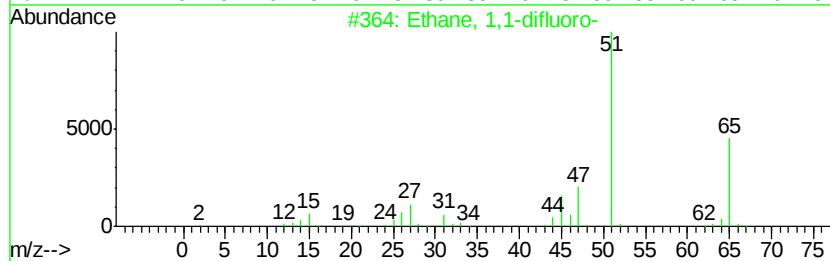
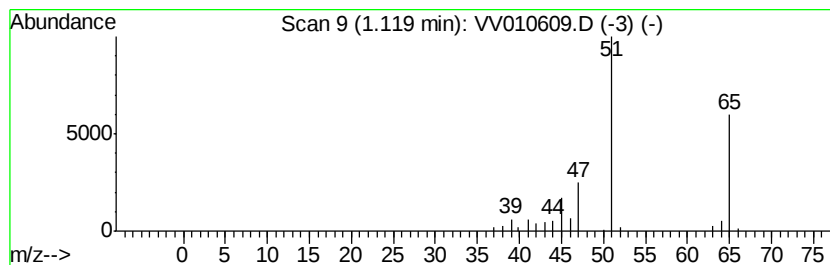
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.04 ug/L	34288	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5			Propiolonitrile	51	C3HN	001070-71-9	3



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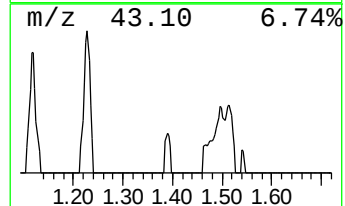
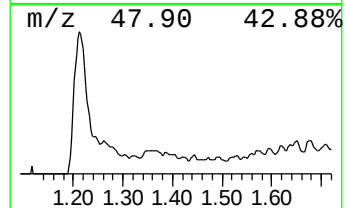
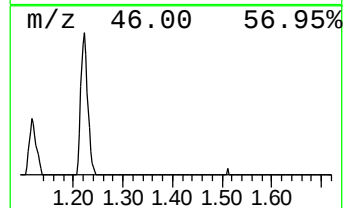
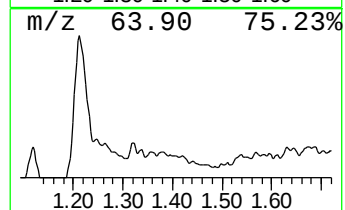
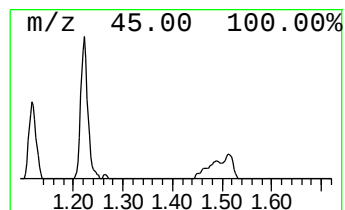
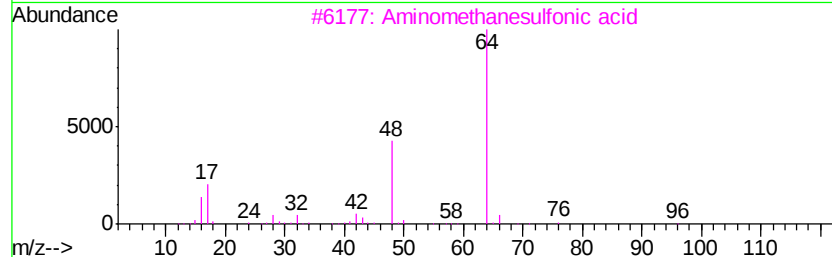
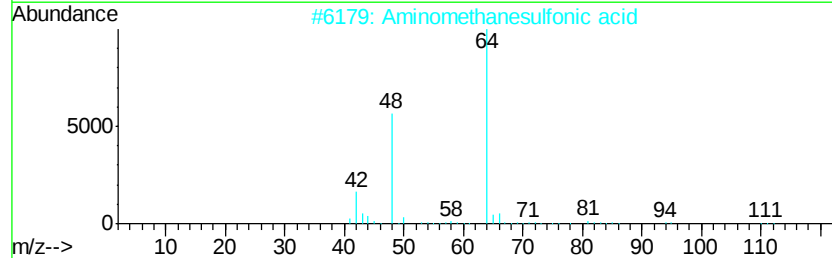
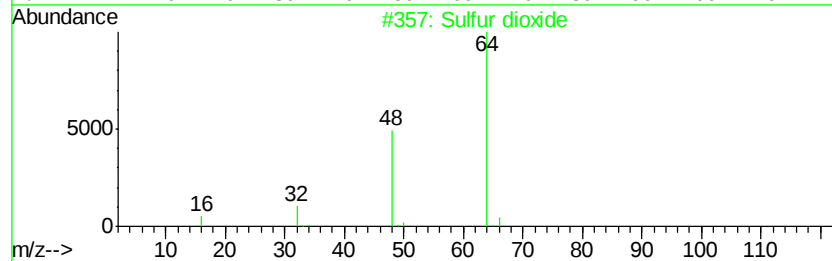
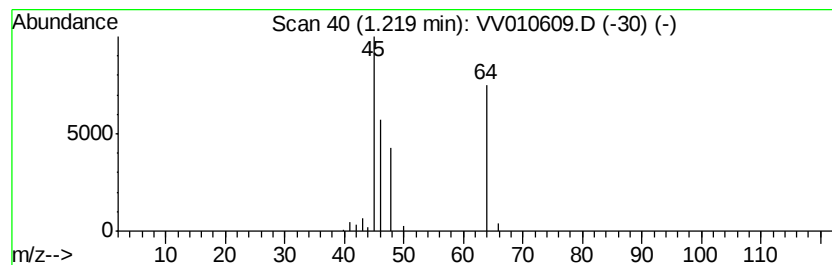
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	0.54 ug/L	17761	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	38
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	38
3		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	28
4		Sulfur dioxide	64	O2S	007446-09-5	9
5		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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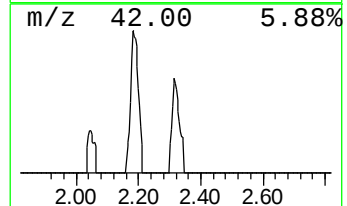
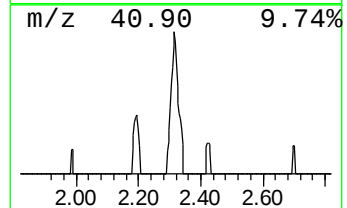
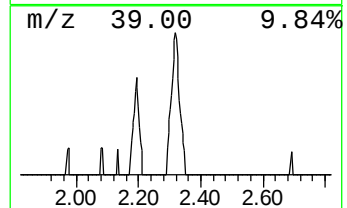
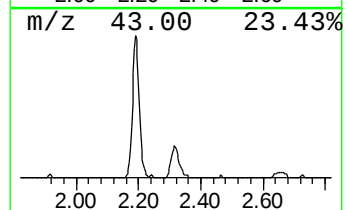
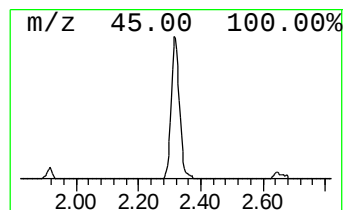
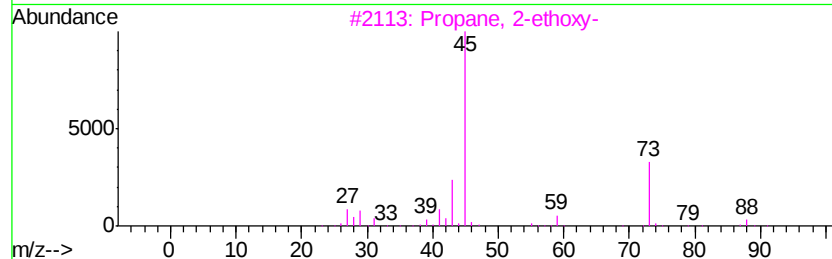
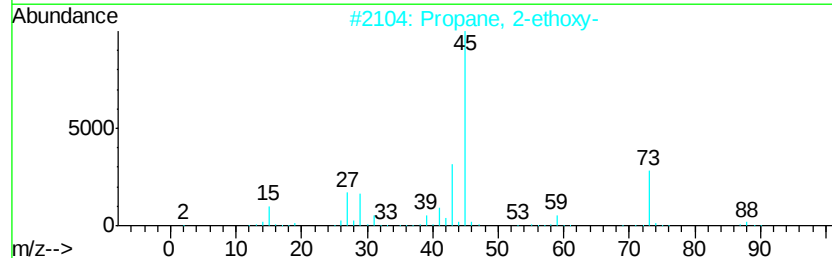
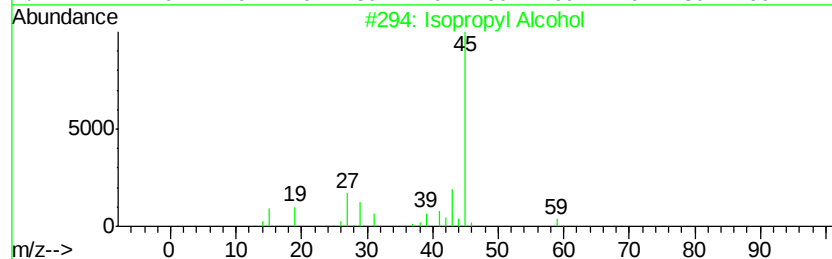
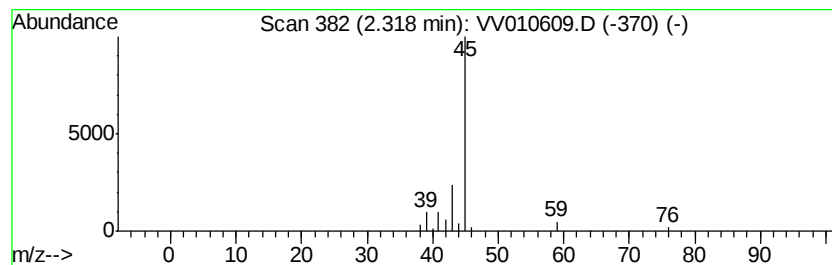
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	0.61 ug/L	20142	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	43
5		Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
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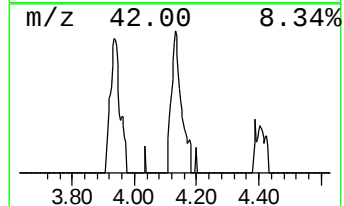
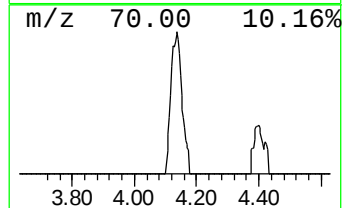
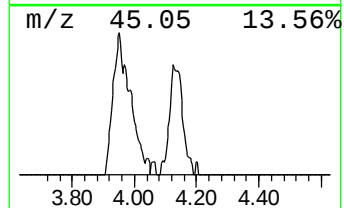
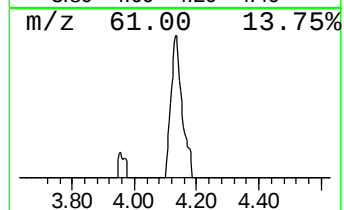
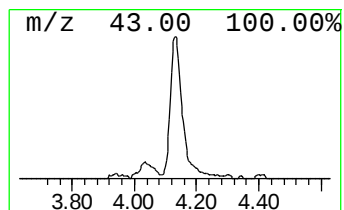
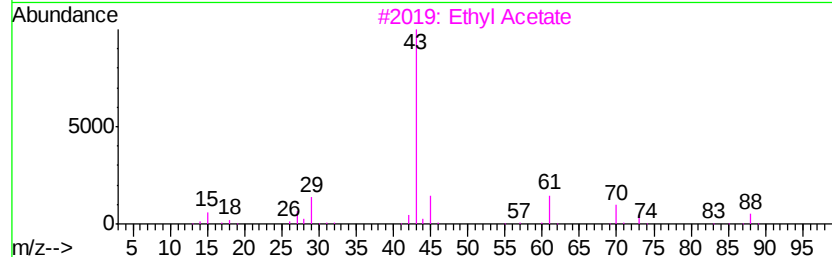
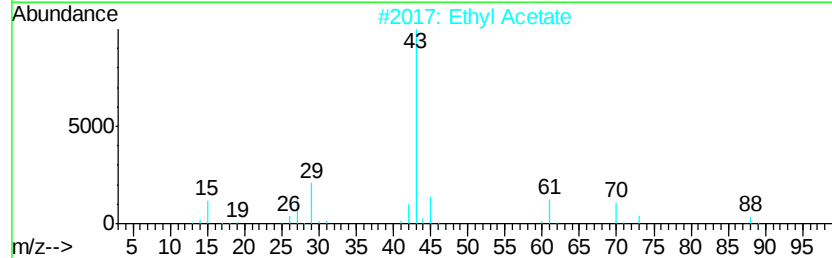
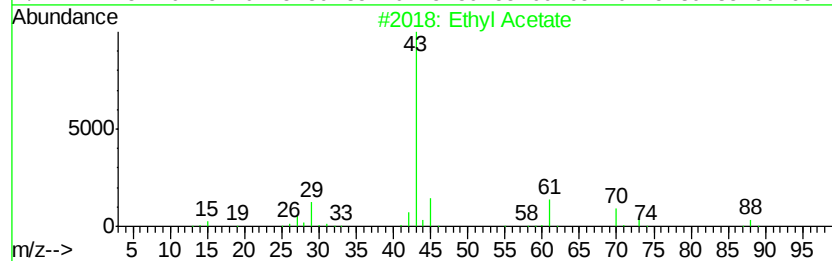
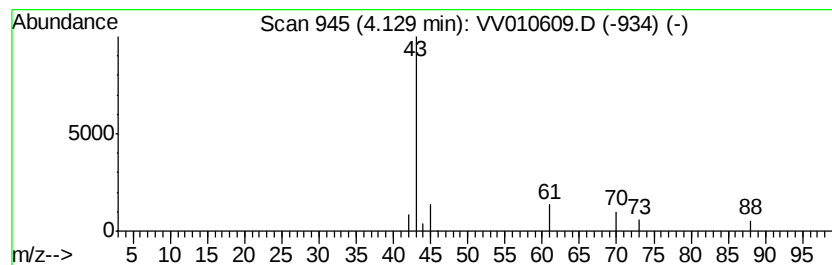
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.77 ug/L	25552	1,4-Difluorobenzene	5.66

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	90
4		Ethyl Acetate	88	C4H8O2	000141-78-6	83
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38



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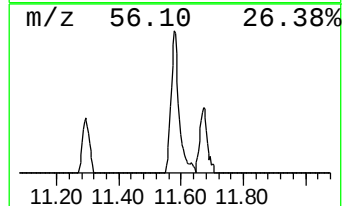
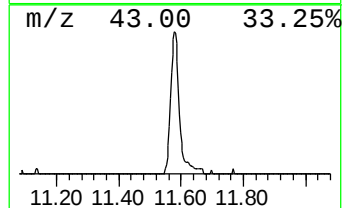
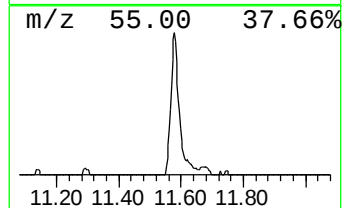
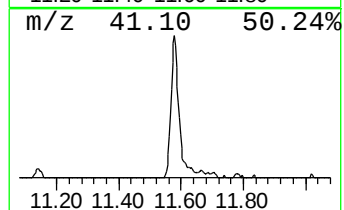
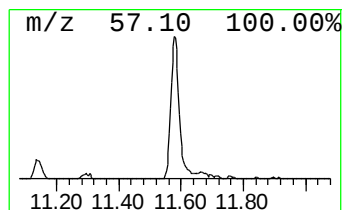
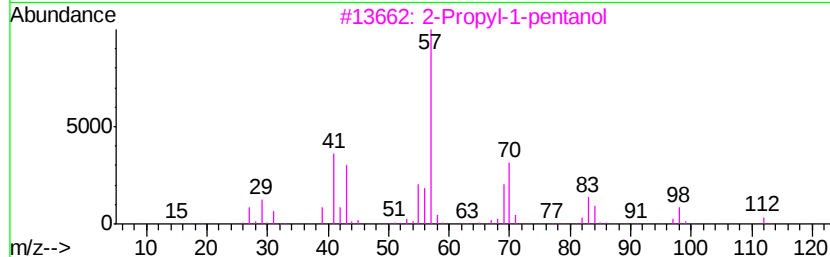
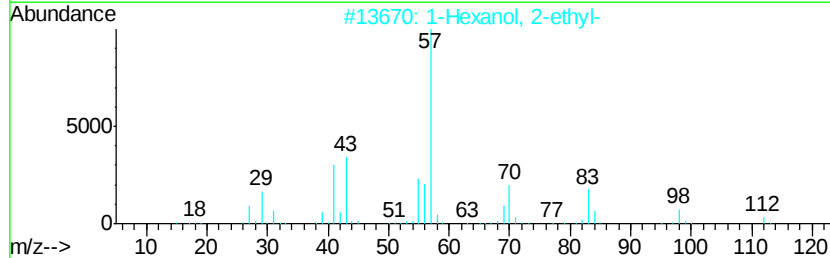
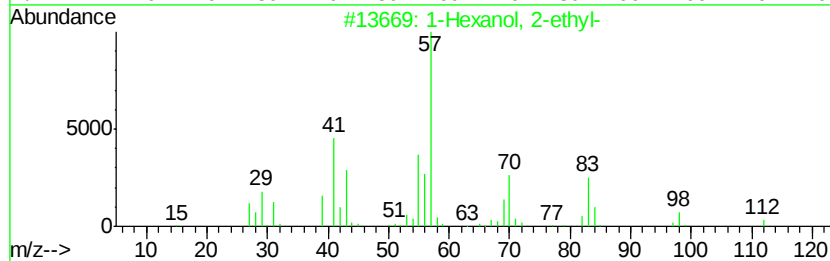
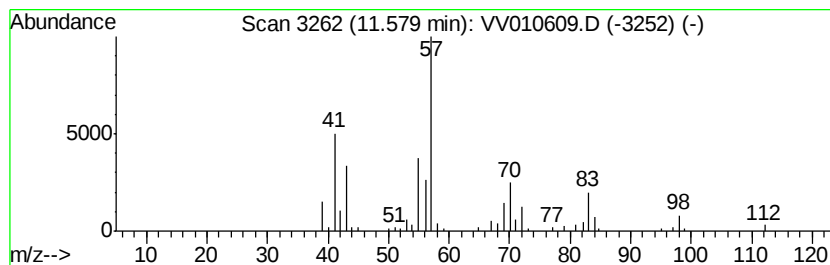
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.11 ug/L	76181	1,4-Dichlorobenzene-d4	11.30
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	2-Propyl-1-pentanol	130 C8H18O	058175-57-8	59
4	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130 C8H18O	000106-67-2	53



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X91

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.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
Ethane, 1,1-diflu...	1.12	1.0	ug/L	34288	1	5.66	165576	5.0
unknown-01	1.22	0.5	ug/L	17761	1	5.66	165576	5.0
Isopropyl Alcohol	2.32	0.6	ug/L	20142	1	5.66	165576	5.0
Ethyl Acetate	4.13	0.8	ug/L	25552	1	5.66	165576	5.0
1-Hexanol, 2-ethyl-	11.58	2.1	ug/L	76181	3	11.30	180779	5.0