

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120919\
 Data File : VU036060.D
 Acq On : 09 Dec 2019 20:31
 Operator : JC/MD
 Sample : K6167-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW7

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\SOMUTR120919WMA.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	1.372	3	10	17	rBV	65223	64208	3.65%	0.506%
2	1.478	37	43	57	rVB2	72793	84861	4.83%	0.668%
3	1.613	77	85	94	rBV2	223021	249982	14.22%	1.969%
4	1.707	107	114	125	rBV	41301	64405	3.66%	0.507%
5	1.790	134	140	150	rVB	26485	29646	1.69%	0.233%
6	1.932	176	184	203	rVB2	188958	304850	17.34%	2.401%
7	2.407	315	332	355	rVB	1113692	1758184	100.00%	13.845%
8	2.591	378	389	404	rVB	247545	406805	23.14%	3.204%
9	2.684	405	418	455	rBV	182039	498866	28.37%	3.928%
10	2.870	460	476	478	rBV	29330	56756	3.23%	0.447%
11	3.086	534	543	558	rVB3	19541	40714	2.32%	0.321%
12	3.919	783	802	819	rBV	94678	225807	12.84%	1.778%
13	4.713	1029	1049	1087	rBV4	287935	909058	51.70%	7.159%
14	5.115	1158	1174	1199	rBV2	197773	517443	29.43%	4.075%
15	5.362	1232	1251	1266	rBV2	72063	165629	9.42%	1.304%
16	5.767	1354	1377	1389	rBV2	379139	975553	55.49%	7.682%
17	6.292	1525	1540	1557	rBV	282919	545772	31.04%	4.298%
18	6.581	1615	1630	1645	rBV8	14761	31597	1.80%	0.249%
19	6.732	1663	1677	1694	rBV	225921	444382	25.28%	3.499%
20	7.603	1935	1948	1964	rBV	79895	147161	8.37%	1.159%
21	7.841	2008	2022	2033	rBV2	11610	21833	1.24%	0.172%
22	7.931	2036	2050	2063	rBV	424651	741558	42.18%	5.840%
23	8.002	2064	2072	2085	rVB	45417	80390	4.57%	0.633%
24	8.214	2127	2138	2151	rBV	55484	99876	5.68%	0.787%
25	8.681	2267	2283	2320	rBV2	444287	1021454	58.10%	8.044%
26	8.822	2321	2327	2342	rVB8	9272	18346	1.04%	0.144%
27	9.449	2508	2522	2559	rBV2	406880	973761	55.38%	7.668%
28	9.600	2559	2569	2580	rBV2	12875	20183	1.15%	0.159%
29	9.722	2596	2607	2620	rVB2	29483	50515	2.87%	0.398%
30	10.134	2718	2735	2755	rVB4	41710	92863	5.28%	0.731%
31	10.648	2886	2895	2909	rVB2	13332	20445	1.16%	0.161%
32	10.783	2925	2937	2955	rBV	200261	340417	19.36%	2.681%
33	10.918	2964	2979	2992	rBV6	10602	22747	1.29%	0.179%
34	11.021	3001	3011	3025	rBV3	11724	26600	1.51%	0.209%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M

Title : TRACE VOA SOM01.0

35	11.491	3148	3157	3170	rVB2	28305	44709	2.54%	0.352%
36	11.767	3235	3243	3252	rBV6	16314	25405	1.44%	0.200%
37	11.838	3252	3265	3282	rVV	346320	618365	35.17%	4.870%
38	11.941	3282	3297	3312	rVV5	72406	140912	8.01%	1.110%
39	12.089	3333	3343	3347	rBV2	15885	25836	1.47%	0.203%
40	12.217	3370	3383	3400	rVB	416263	721460	41.03%	5.681%
41	13.475	3764	3774	3783	rVB6	10868	19770	1.12%	0.156%
42	13.725	3841	3852	3859	rBV8	13894	22041	1.25%	0.174%
43	13.870	3883	3897	3910	rBV8	13301	27515	1.56%	0.217%

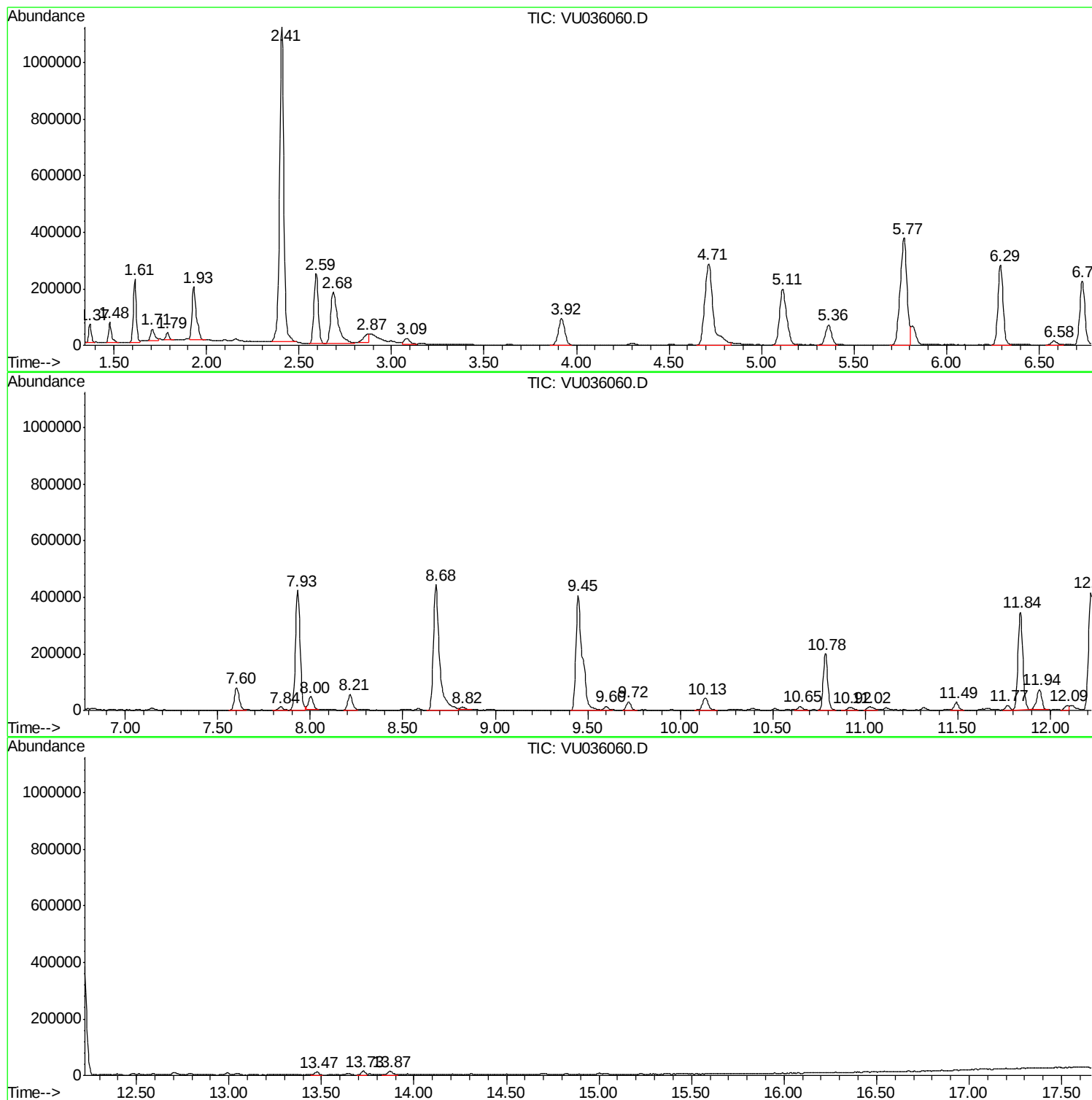
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument :
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ClientSampleId :
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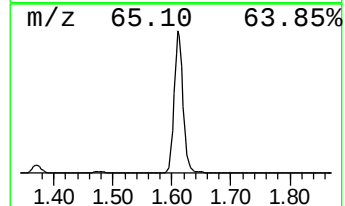
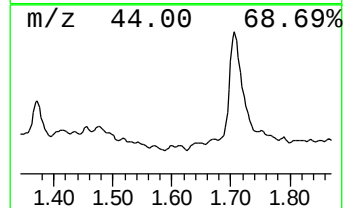
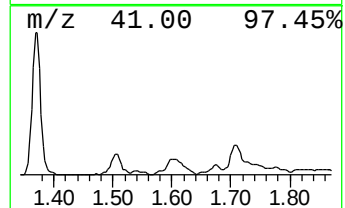
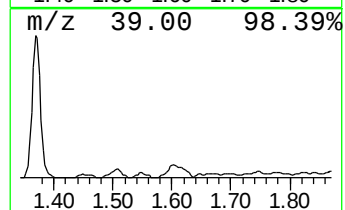
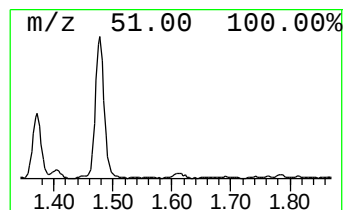
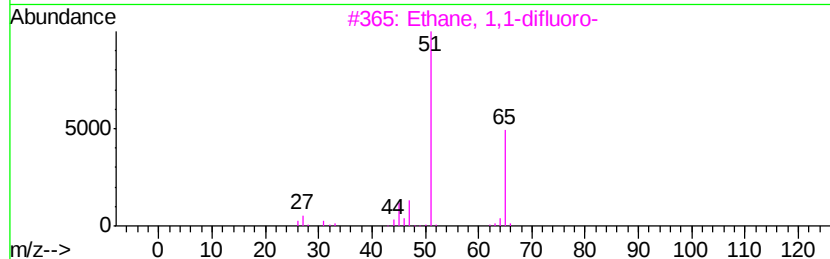
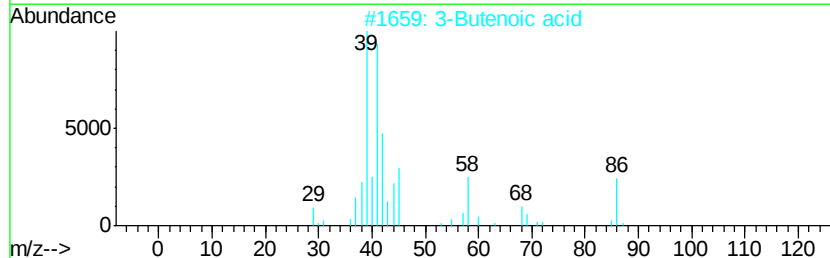
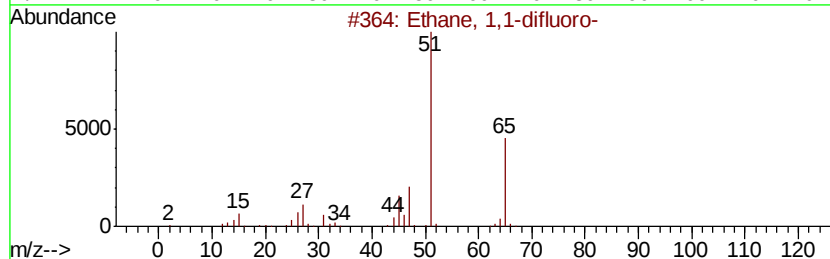
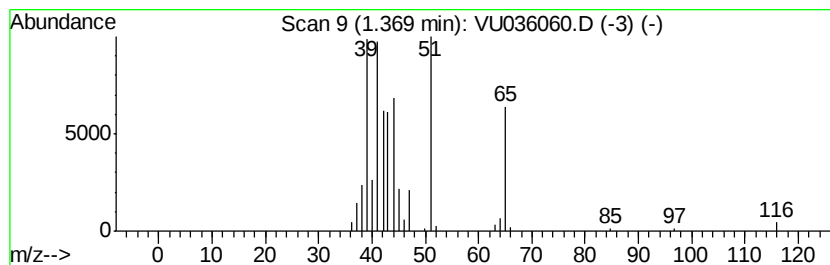
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.59 ug/L	64208	1,4-Difluorobenzene	6.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	43
2			3-Butenoic acid	86	C4H6O2	000625-38-7	35
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	35
4			2-Butenal, (E)-	70	C4H6O	000123-73-9	35
5			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	35



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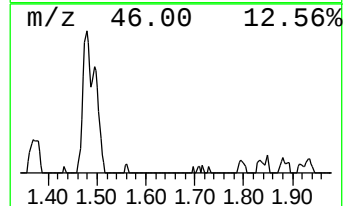
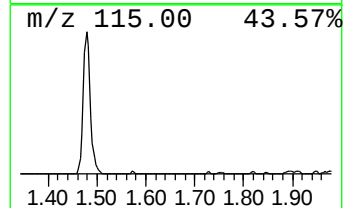
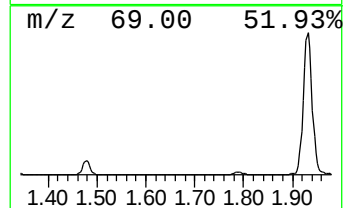
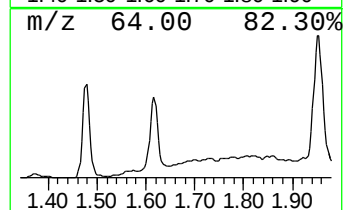
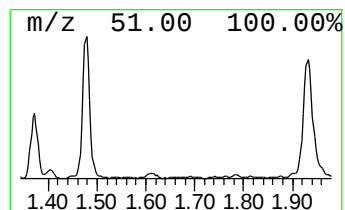
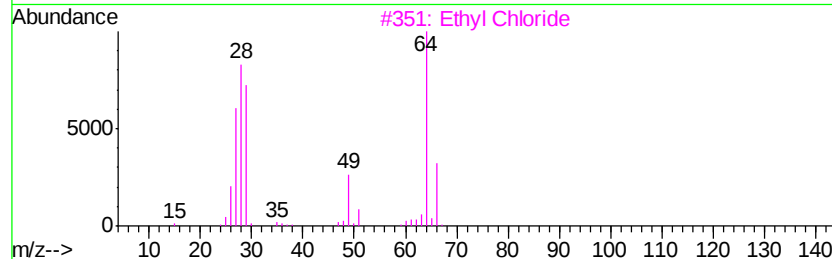
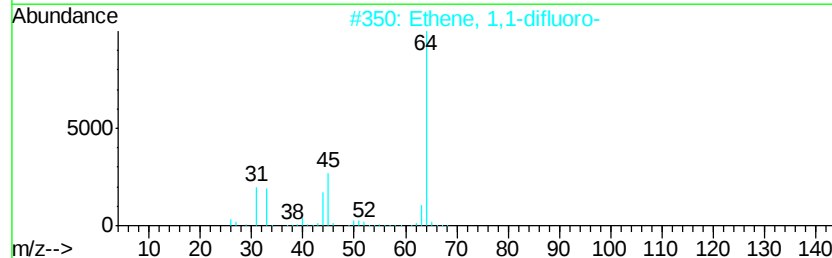
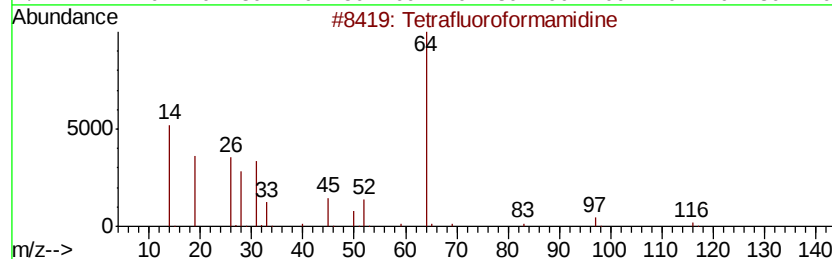
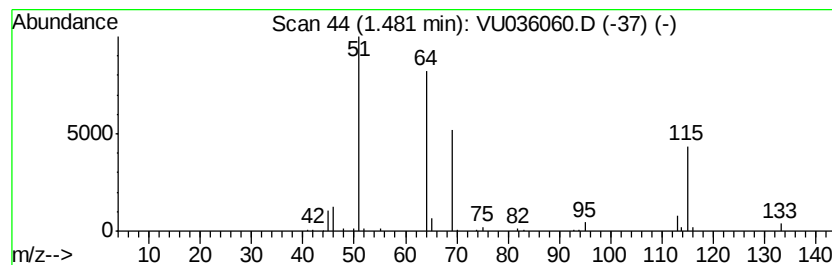
Instrument :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.48	0.78 ug/L	84861	1,4-Difluorobenzene	6.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetrafluoroformamidine	116	CF4N2	014362-70-0	7
2		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		Sulfur dioxide	64	O2S	007446-09-5	4
5		1-Propyne, 3,3'-oxybis-	94	C6H6O	006921-27-3	4



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Instrument :
MSVOA_U
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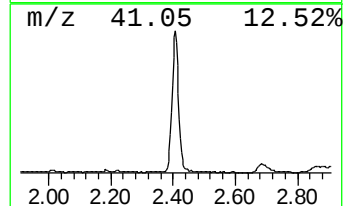
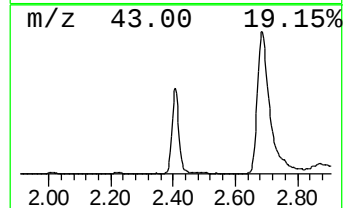
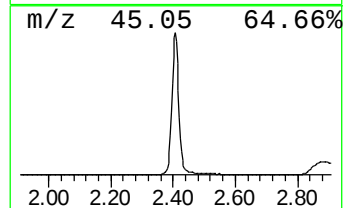
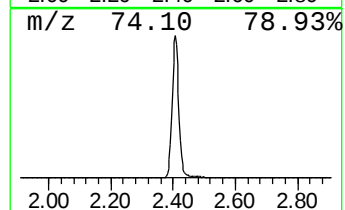
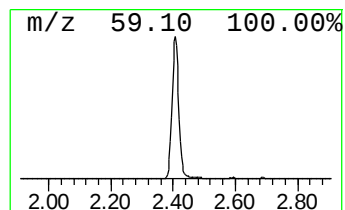
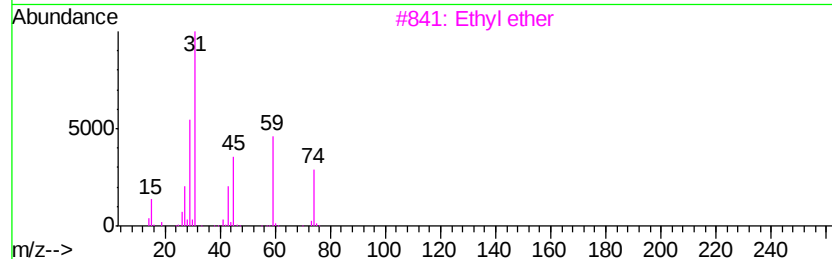
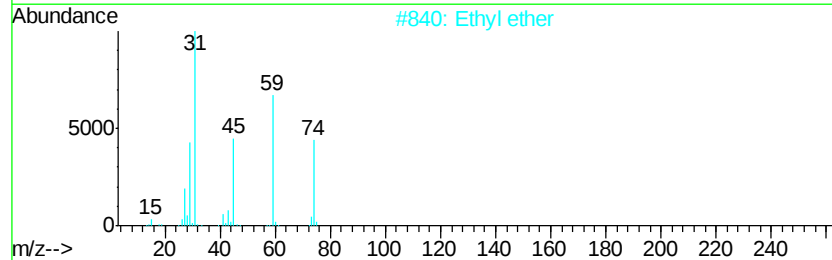
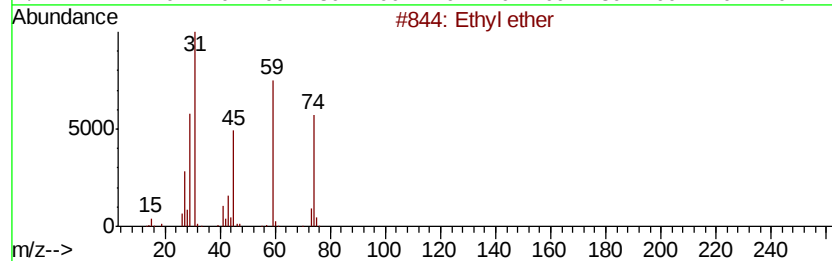
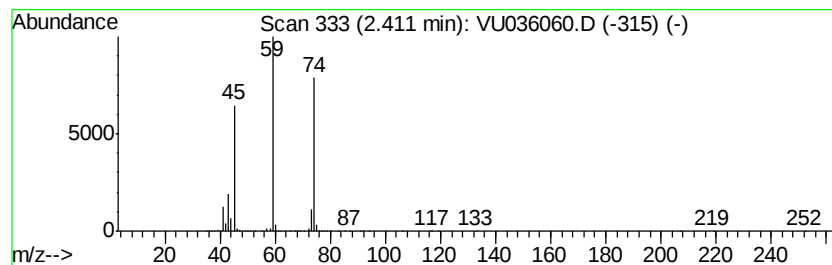
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	16.11 ug/L	1758180	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	83
4		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	78
5		Ethyl ether	74	C4H10O	000060-29-7	72



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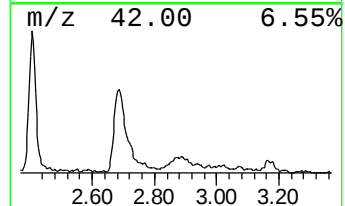
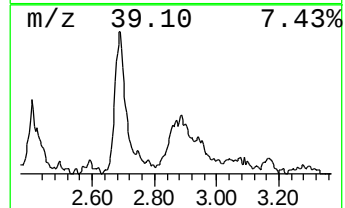
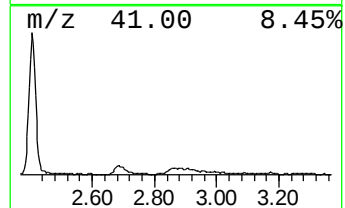
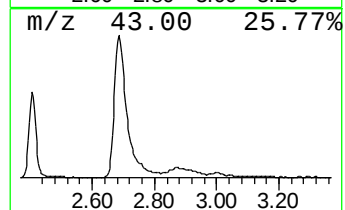
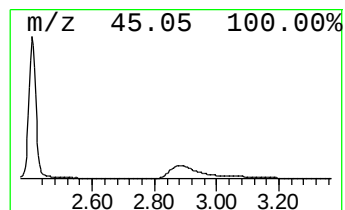
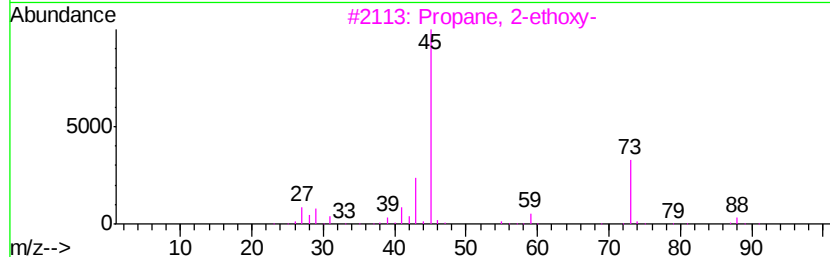
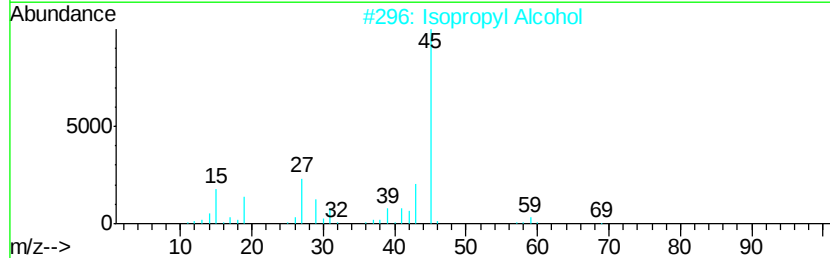
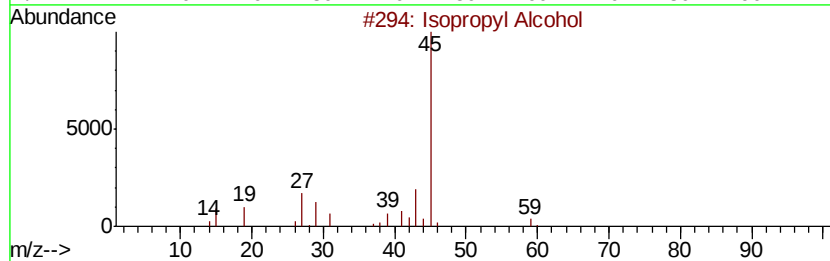
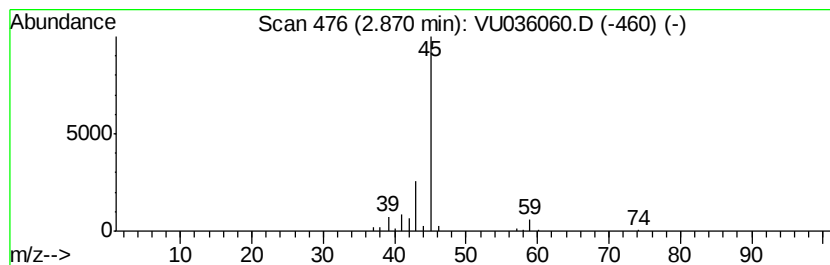
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Isopropyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	0.52 ug/L	56756	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64



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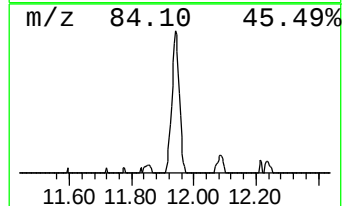
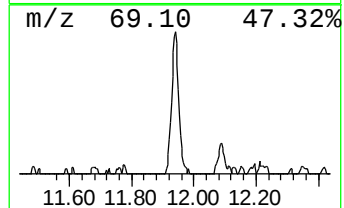
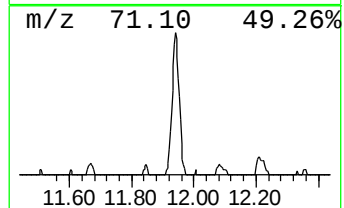
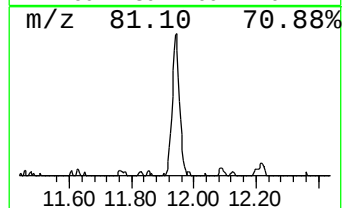
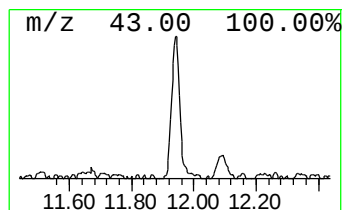
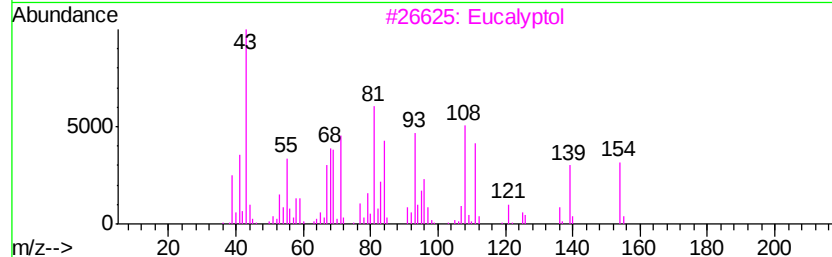
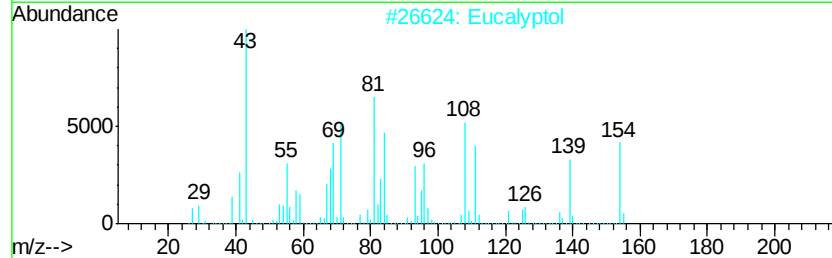
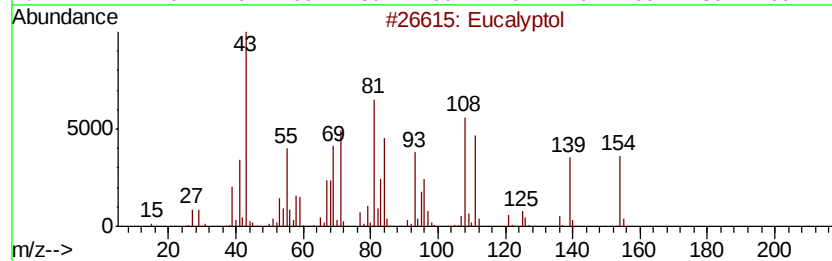
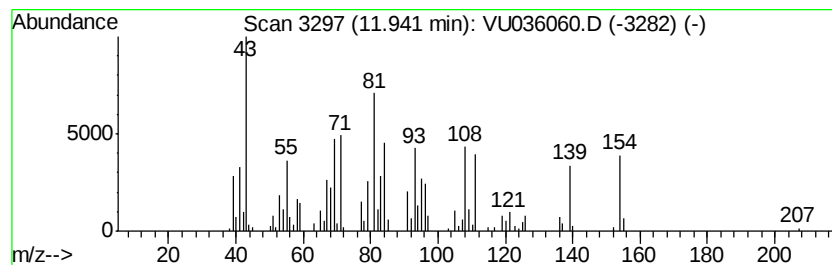
Instrument :
MSVOA_U
ClientSampleId :
BFQW7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.94	1.14 ug/L	140912	1,4-Dichlorobenzene-d4	11.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol		154	C10H18O	000470-82-6	96
2	Eucalyptol		154	C10H18O	000470-82-6	96
3	Eucalyptol		154	C10H18O	000470-82-6	94
4	Eucalyptol		154	C10H18O	000470-82-6	93
5	Trifluoroacetyl-.alpha.-terpineol		250	C12H17F3O2	1000058-17-6	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\
Data File : VU036060.D
Acq On : 09 Dec 2019 20:31
Operator : JC/MD
Sample : K6167-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.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
unknown-01	1.37	0.6	ug/L	64208	1	6.29	545772	5.0
unknown-02	1.48	0.8	ug/L	84861	1	6.29	545772	5.0
Ethyl ether	2.41	16.1	ug/L	1758180	1	6.29	545772	5.0
Isopropyl Alcohol	2.87	0.5	ug/L	56756	1	6.29	545772	5.0
Eucalyptol	11.94	1.1	ug/L	140912	3	11.84	618365	5.0