

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039931.D
 Acq On : 21 Aug 2020 16:26
 Operator : SY/MD
 Sample : L3776-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y06

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\SOMUTR081920WMA.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	1.366	3	8	16	rVB	35381	36330	9.04%	0.995%
2	1.604	71	82	96	rBV	44255	56816	14.14%	1.555%
3	1.922	173	181	194	rVB	39874	52172	12.99%	1.428%
4	2.581	375	386	399	rBV	60080	98784	24.59%	2.704%
5	2.655	399	409	433	rVB2	16584	41082	10.23%	1.125%
6	2.841	438	467	503	rBV2	40923	267257	66.53%	7.316%
7	3.382	621	635	654	rVB3	8414	19651	4.89%	0.538%
8	3.890	776	793	814	rBV2	84571	202202	50.34%	5.535%
9	4.015	819	832	844	rBV6	2639	5988	1.49%	0.164%
10	4.523	970	990	1010	rVB	40383	101833	25.35%	2.788%
11	4.652	1015	1030	1052	rBV2	61704	163105	40.60%	4.465%
12	4.829	1072	1085	1102	rVB2	19777	43582	10.85%	1.193%
13	5.083	1145	1164	1179	rBV2	67561	145523	36.23%	3.984%
14	5.600	1310	1325	1341	rVB3	16616	36626	9.12%	1.003%
15	5.742	1347	1369	1384	rBV2	113818	301860	75.15%	8.263%
16	6.263	1515	1531	1554	rVB	96049	182602	45.46%	4.999%
17	6.510	1594	1608	1625	rBV3	26104	53770	13.39%	1.472%
18	6.703	1653	1668	1683	rBV	78929	151561	37.73%	4.149%
19	7.468	1897	1906	1914	rBV5	3118	5482	1.36%	0.150%
20	7.574	1928	1939	1956	rBV2	41470	72136	17.96%	1.975%
21	7.726	1978	1986	1993	rVB4	3251	4743	1.18%	0.130%
22	7.796	1999	2008	2017	rBV4	2364	4166	1.04%	0.114%
23	7.906	2022	2042	2055	rVV	140402	245968	61.23%	6.733%
24	7.976	2055	2064	2075	rVB3	4632	7506	1.87%	0.205%
25	8.185	2118	2129	2145	rBV2	28388	49603	12.35%	1.358%
26	8.639	2255	2270	2297	rBV	229484	401695	100.00%	10.996%
27	8.928	2352	2360	2373	rVB4	3638	7047	1.75%	0.193%
28	9.420	2500	2513	2530	rBV2	149152	247800	61.69%	6.784%
29	10.754	2916	2928	2947	rBV	64161	103499	25.77%	2.833%
30	11.468	3137	3150	3163	rBV2	23162	36184	9.01%	0.991%
31	11.806	3244	3255	3270	rVB2	146753	234383	58.35%	6.416%
32	12.053	3322	3332	3344	rBV2	13524	21450	5.34%	0.587%
33	12.188	3361	3374	3386	rVB	150844	239375	59.59%	6.553%
34	13.201	3681	3689	3697	rBV5	4032	5739	1.43%	0.157%

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Instrument :
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F4Y06

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

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Title : TRACE VOA SOM01.0

35	14.073	3951	3960	3970	rBV2	3649	5425	1.35%	0.149%
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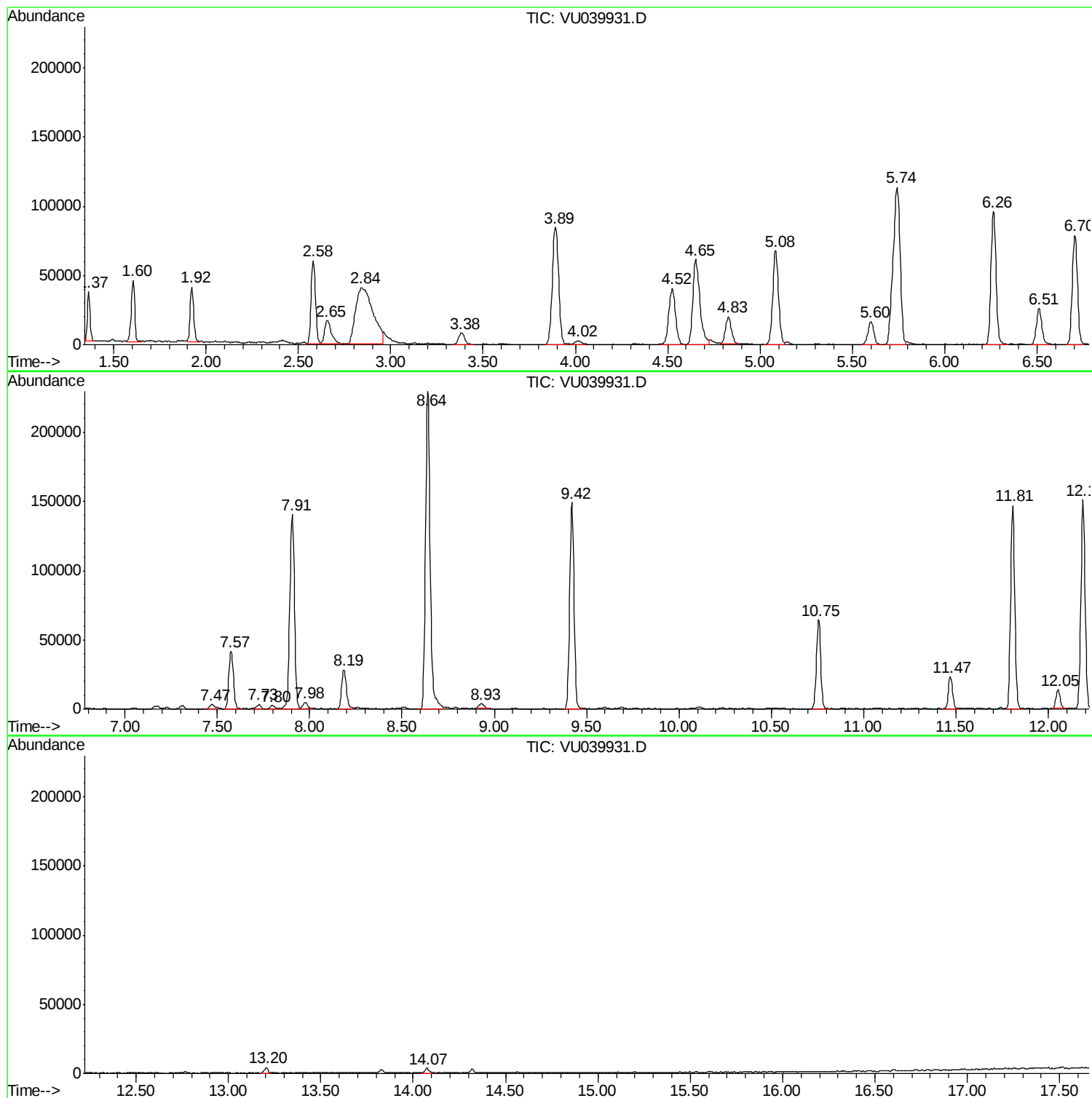
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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



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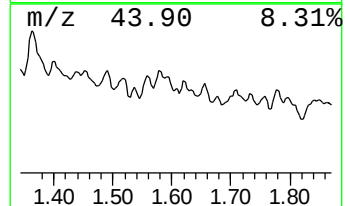
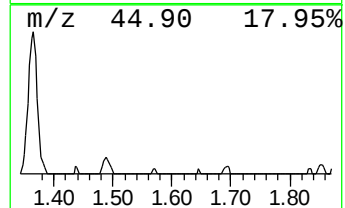
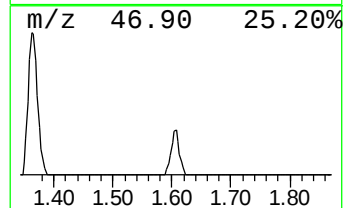
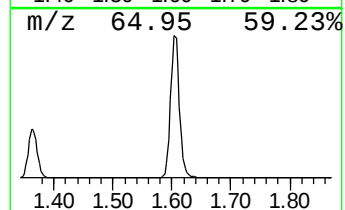
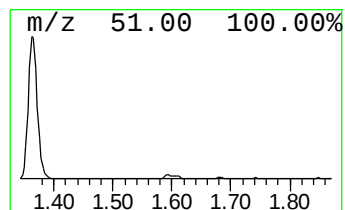
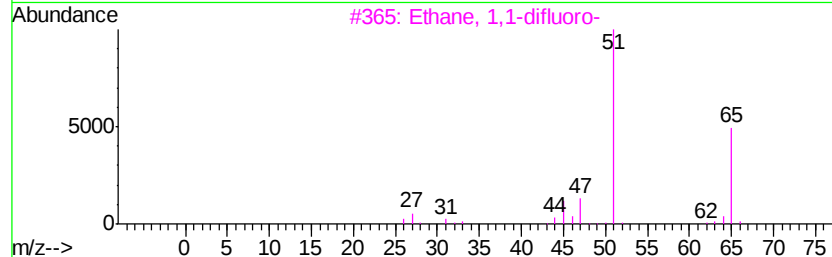
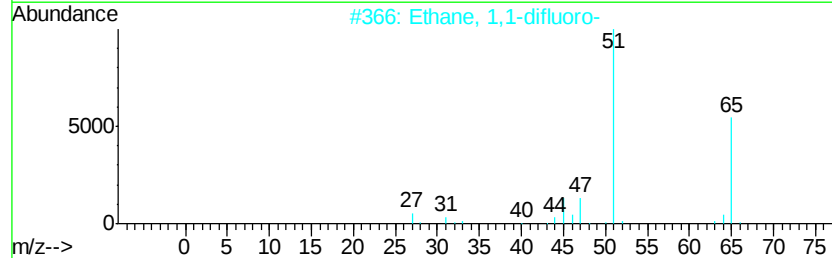
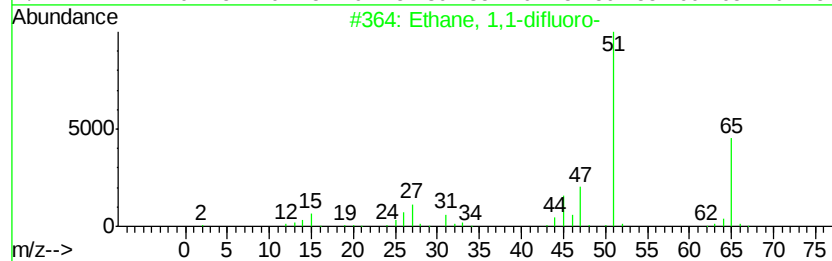
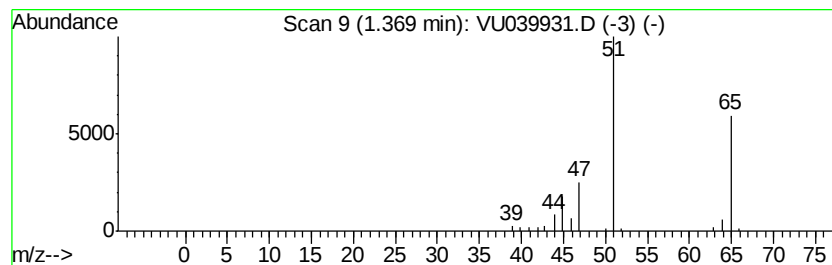
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.99 ug/L	36330	1,4-Difluorobenzene	6.26

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	90
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4			Propiolonitrile	51	C3HN	001070-71-9	3
5			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2



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ClientSampleId :
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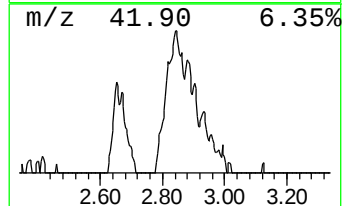
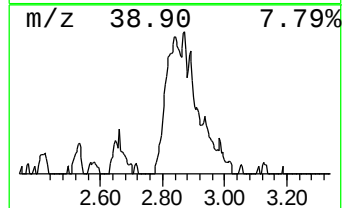
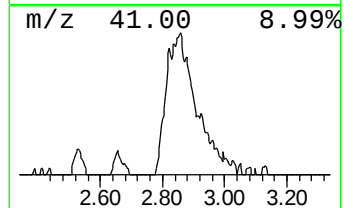
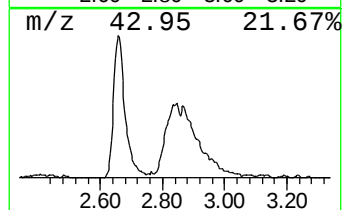
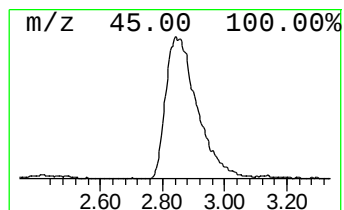
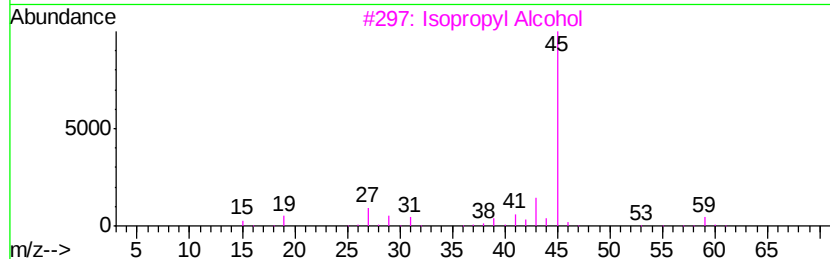
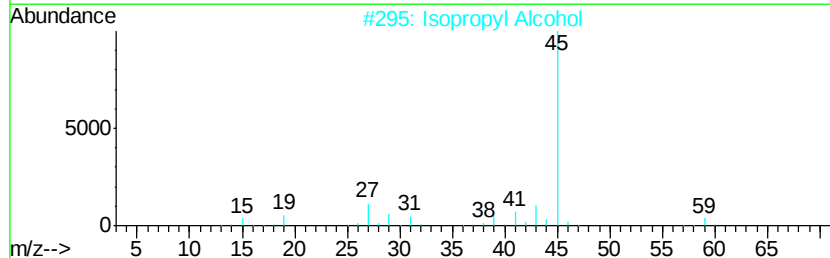
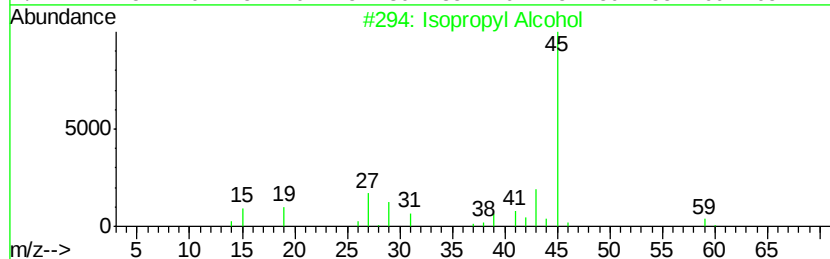
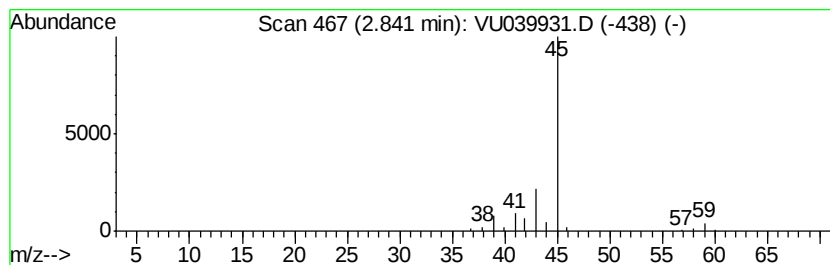
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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	7.32 ug/L	267257	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	43
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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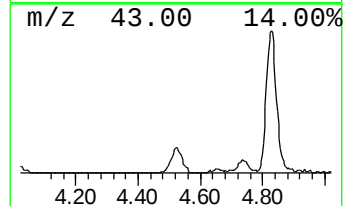
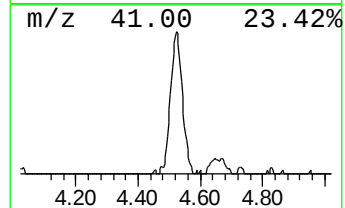
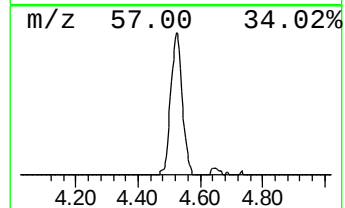
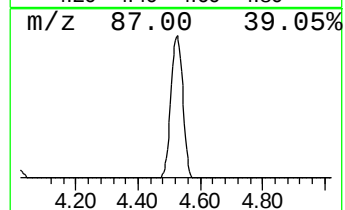
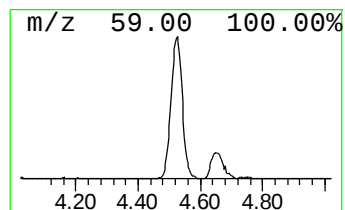
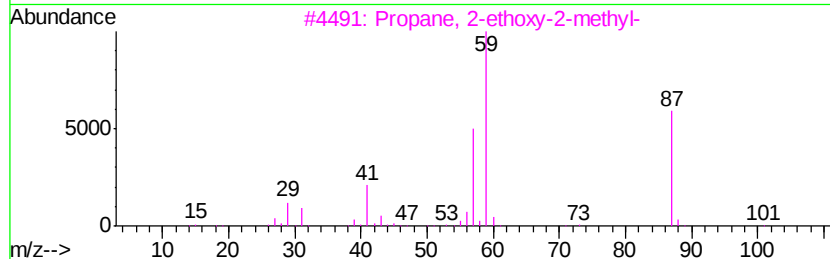
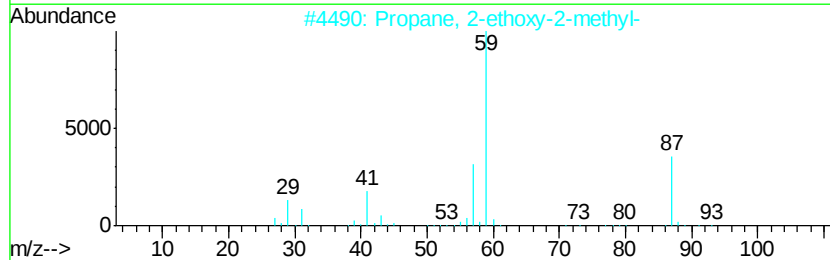
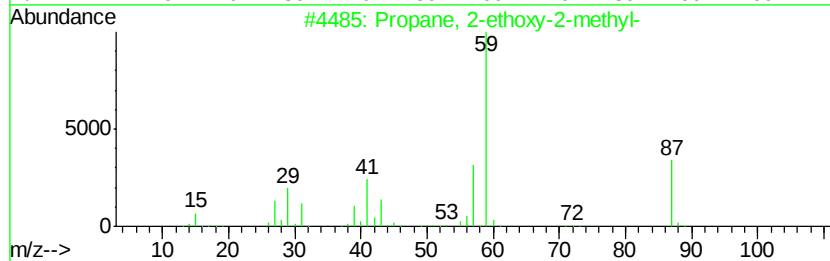
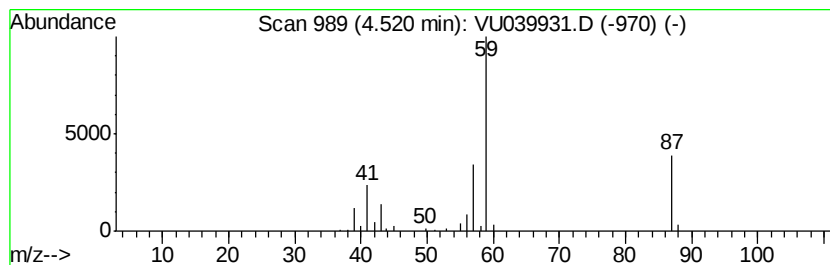
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.79 ug/L	101833	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	83
2		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
4		2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	40
5		3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	40



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ALS Vial : 15 Sample Multiplier: 1

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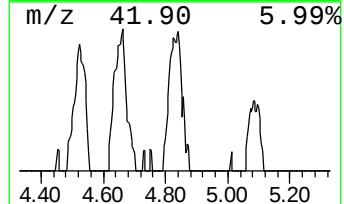
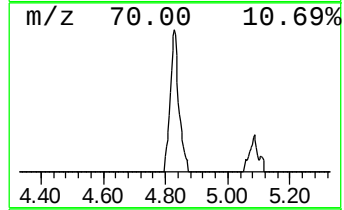
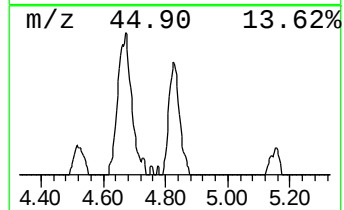
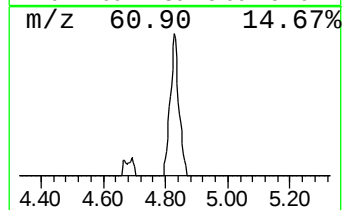
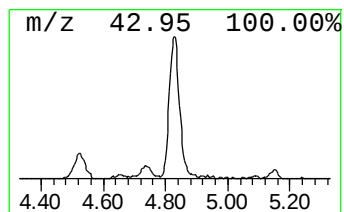
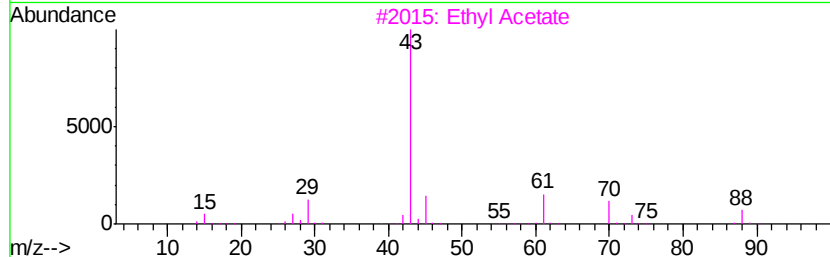
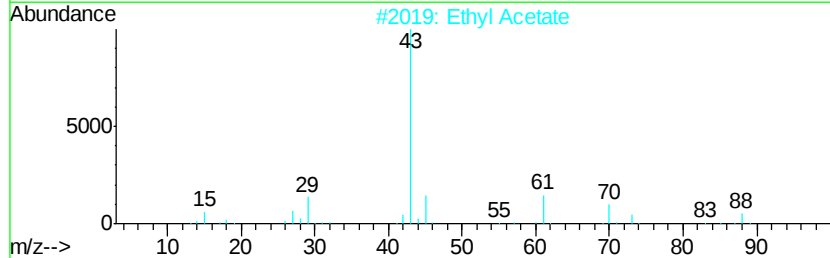
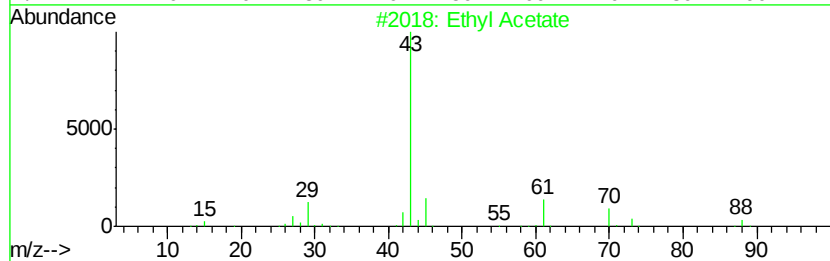
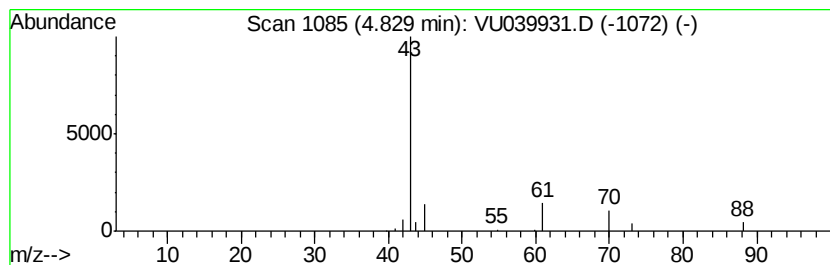
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Quant Title : TRACE VOA SOM01.0

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	1.19 ug/L	43582	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	83
4		Ethyl Acetate	88	C4H8O2	000141-78-6	64
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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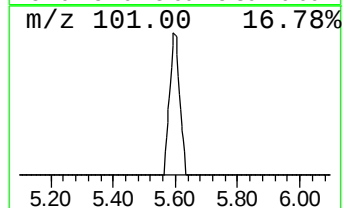
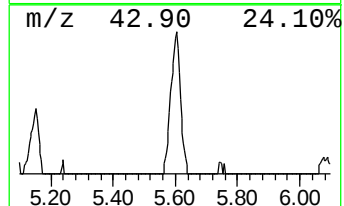
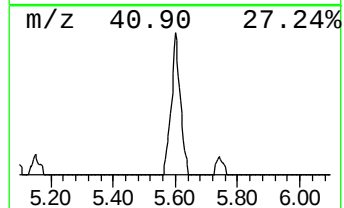
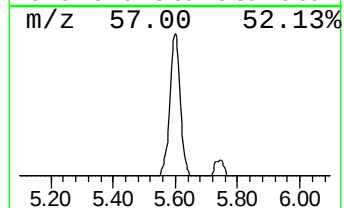
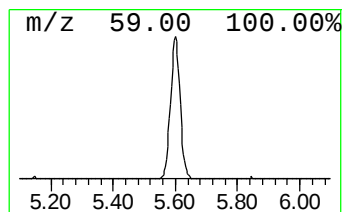
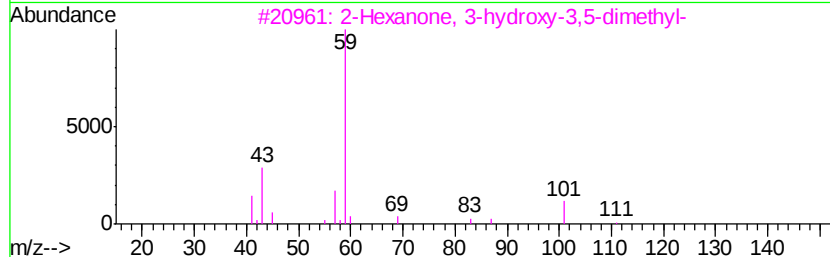
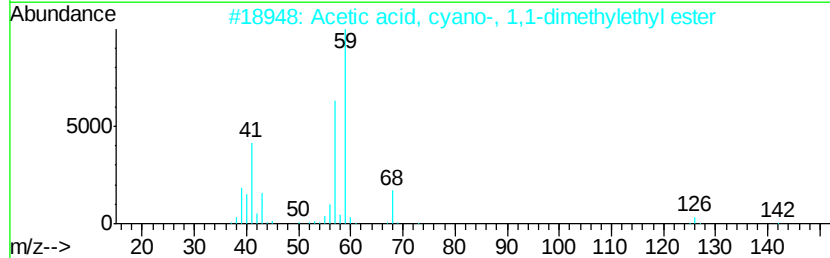
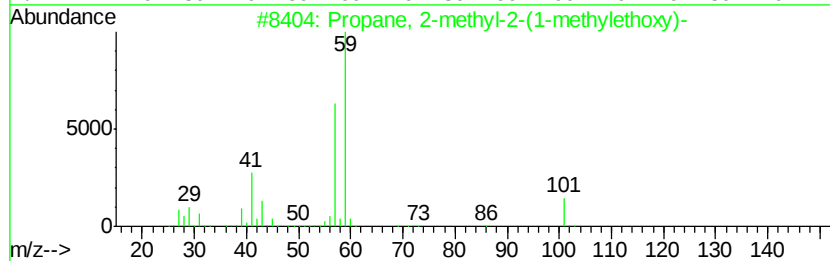
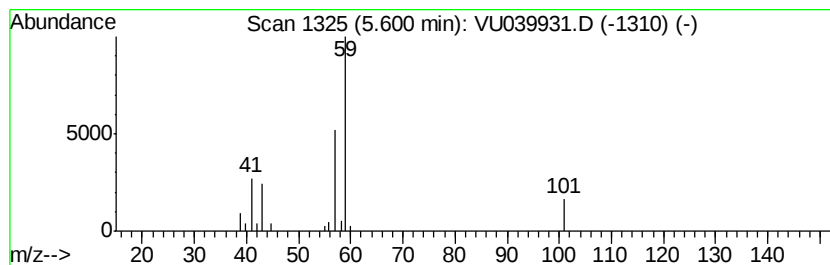
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Propane, 2-methyl-2-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	1.00 ug/L	36626	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	74	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50	
3	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	43	
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	43	
5	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	40	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039931.D
Acq On : 21 Aug 2020 16:26
Operator : SY/MD
Sample : L3776-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y06

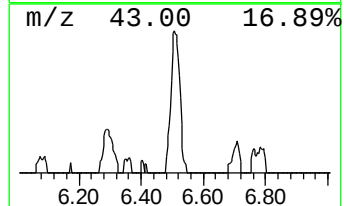
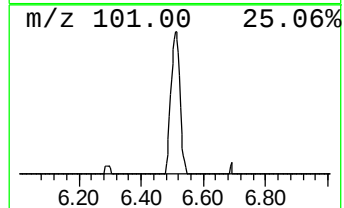
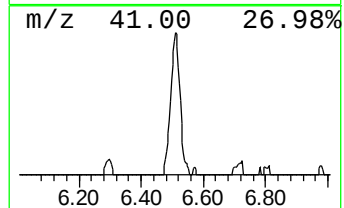
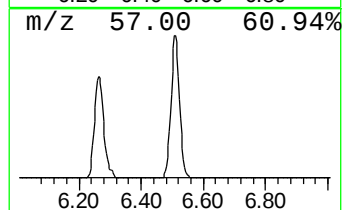
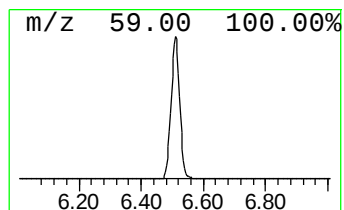
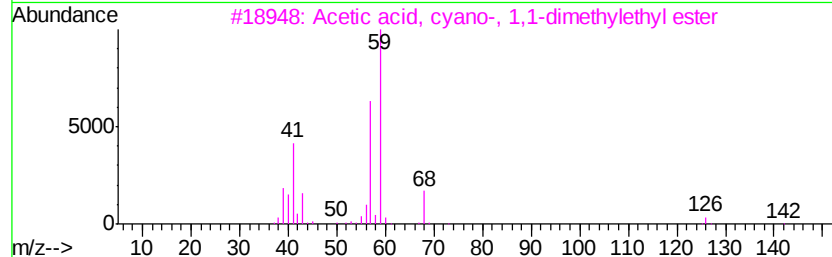
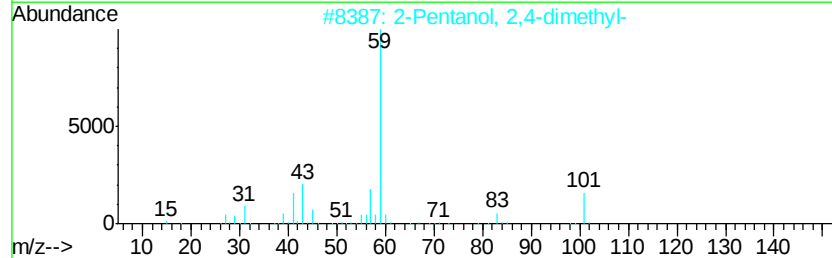
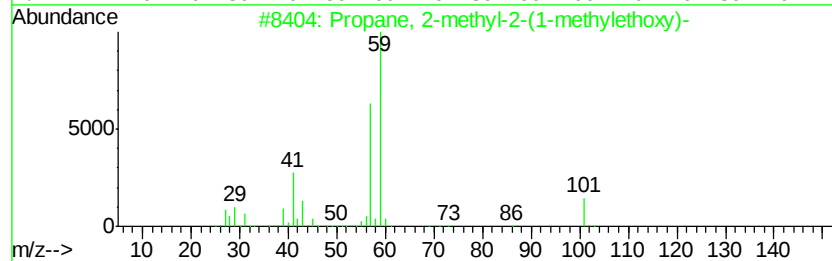
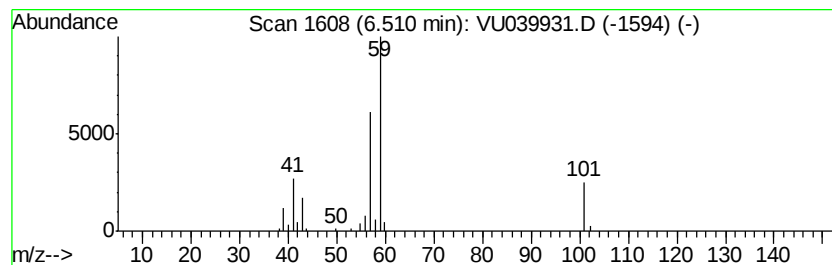
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 2-Pentanol, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	1.47 ug/L	53770	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	83
2			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	64
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	64
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
5			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039931.D
Acq On : 21 Aug 2020 16:26
Operator : SY/MD
Sample : L3776-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

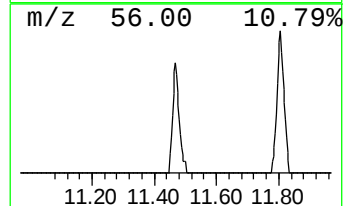
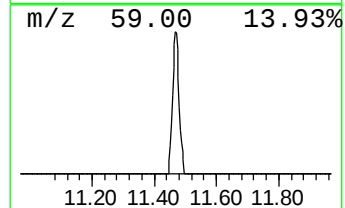
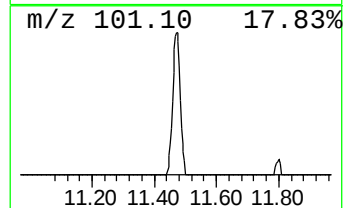
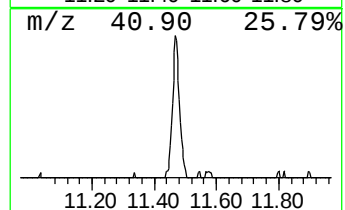
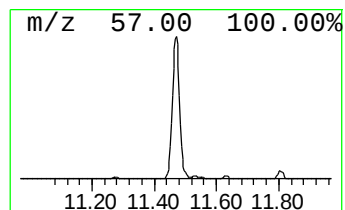
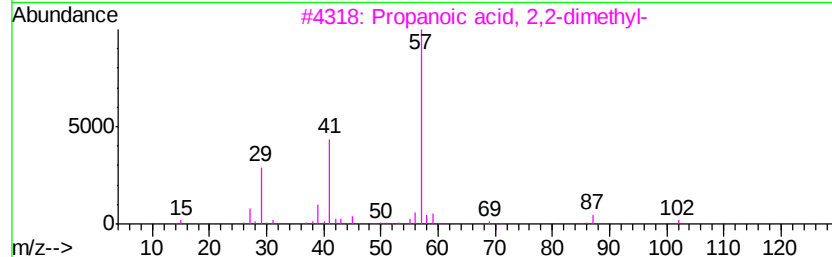
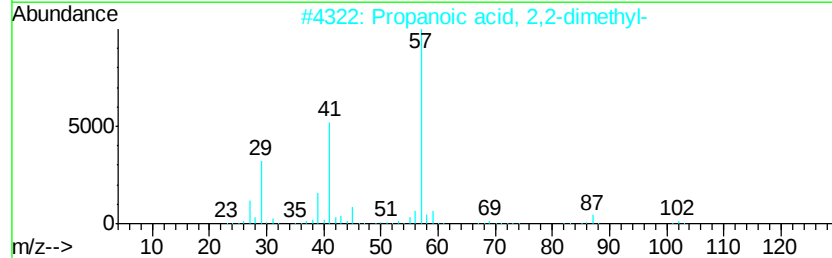
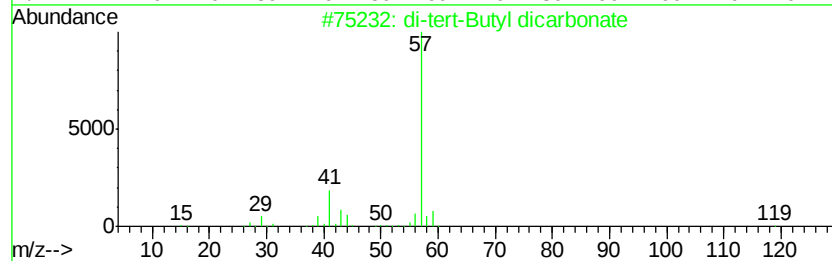
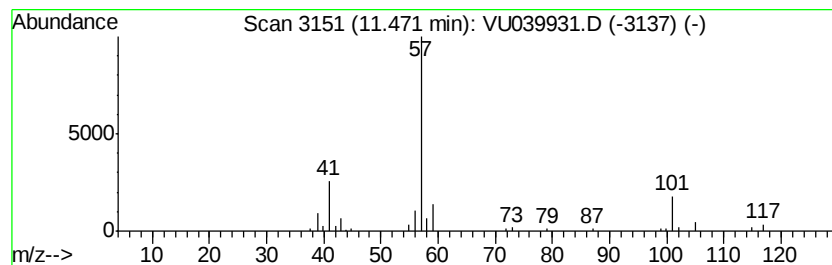
Instrument :
MSVOA_U
ClientSampled :
F4Y06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.47	0.77 ug/L	36184	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	47
2	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	37
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	32
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039931.D
Acq On : 21 Aug 2020 16:26
Operator : SY/MD
Sample : L3776-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y06

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.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...	1.37	1.0	ug/L	36330	1	6.26	182602	5.0
Isopropyl Alcohol	2.84	7.3	ug/L	267257	1	6.26	182602	5.0
Propane, 2-ethoxy...	4.52	2.8	ug/L	101833	1	6.26	182602	5.0
Ethyl Acetate	4.83	1.2	ug/L	43582	1	6.26	182602	5.0
Propane, 2-methyl...	5.60	1.0	ug/L	36626	1	6.26	182602	5.0
2-Pentanol, 2,4-d...	6.51	1.5	ug/L	53770	1	6.26	182602	5.0
unknown-01	11.47	0.8	ug/L	36184	3	11.81	234383	5.0