

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039936.D
 Acq On : 21 Aug 2020 18:26
 Operator : SY/MD
 Sample : L3776-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y12

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	20	rVB	30601	30972	8.49%	0.909%
2	1.494	44	48	61	rVB2	7099	7463	2.05%	0.219%
3	1.604	72	82	90	rBV3	54258	73514	20.15%	2.157%
4	1.793	136	141	149	rVB3	2836	3881	1.06%	0.114%
5	1.922	173	181	196	rVB	40896	54305	14.89%	1.594%
6	2.002	197	206	216	rVB2	16412	23706	6.50%	0.696%
7	2.253	277	284	293	rVB	14176	19590	5.37%	0.575%
8	2.578	375	385	397	rBV2	59454	96022	26.32%	2.818%
9	2.658	399	410	436	rVB	13825	37518	10.28%	1.101%
10	2.848	441	469	474	rBV2	37351	131412	36.02%	3.856%
11	3.150	552	563	575	rVB7	5063	11600	3.18%	0.340%
12	3.385	622	636	648	rVB3	5193	11965	3.28%	0.351%
13	3.890	773	793	812	rBV	62168	150562	41.27%	4.418%
14	4.526	973	991	1004	rBV4	4691	11411	3.13%	0.335%
15	4.652	1013	1030	1053	rBV2	58485	162339	44.50%	4.764%
16	4.825	1070	1084	1106	rVB	21616	48940	13.41%	1.436%
17	5.083	1149	1164	1184	rBV	65268	142810	39.15%	4.191%
18	5.600	1313	1325	1337	rVB4	2238	5188	1.42%	0.152%
19	5.742	1347	1369	1381	rBV3	125869	326032	89.37%	9.567%
20	6.263	1518	1531	1551	rVB	106387	198043	54.28%	5.811%
21	6.507	1595	1607	1624	rBV2	26121	51169	14.03%	1.502%
22	6.703	1655	1668	1685	rBV2	84151	159111	43.61%	4.669%
23	7.472	1897	1907	1919	rBV3	5658	11136	3.05%	0.327%
24	7.574	1926	1939	1953	rBV2	42251	71226	19.52%	2.090%
25	7.722	1969	1985	1998	rVB4	18315	34024	9.33%	0.998%
26	7.906	2030	2042	2057	rVV	138005	238659	65.42%	7.003%
27	7.970	2057	2062	2074	rVB4	2392	3790	1.04%	0.111%
28	8.185	2119	2129	2142	rBV2	26218	43009	11.79%	1.262%
29	8.639	2255	2270	2296	rBV	215143	364823	100.00%	10.705%
30	8.931	2351	2361	2363	rBV5	3548	5509	1.51%	0.162%
31	9.420	2501	2513	2534	rBV	148162	241999	66.33%	7.101%
32	10.758	2915	2929	2945	rBV	63661	101196	27.74%	2.970%
33	11.471	3142	3151	3163	rVB2	4530	7259	1.99%	0.213%
34	11.806	3244	3255	3268	rBV	145242	228518	62.64%	6.706%

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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\SOMUTR081920WMA.M
Title : TRACE VOA SOM01.0

35	12.053	3320	3332	3341	rBV2	28696	45189	12.39%	1.326%
36	12.188	3361	3374	3389	rVB	148818	241221	66.12%	7.078%
37	15.465	4384	4393	4404	rVB8	8358	12728	3.49%	0.373%

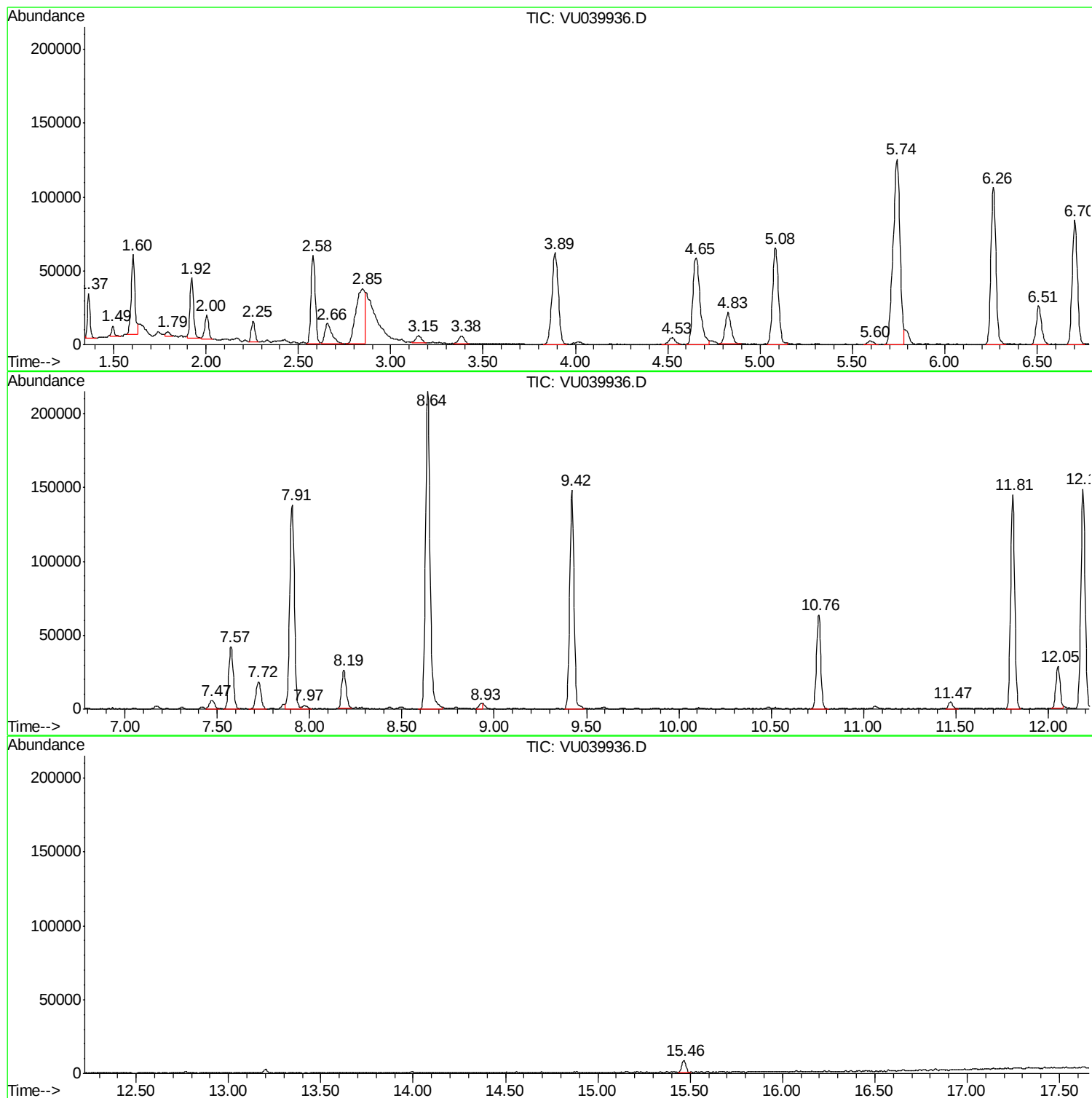
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Quant Title : TRACE VOA SOM01.0

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



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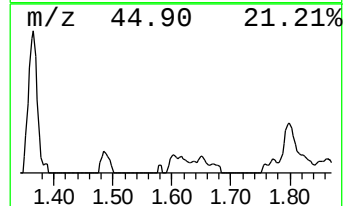
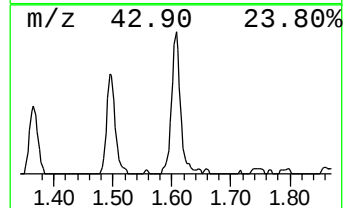
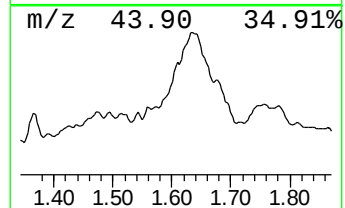
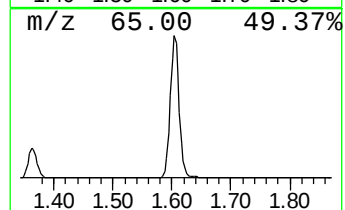
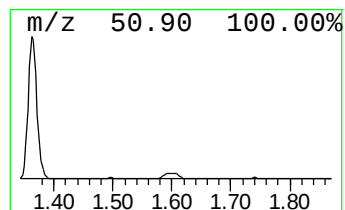
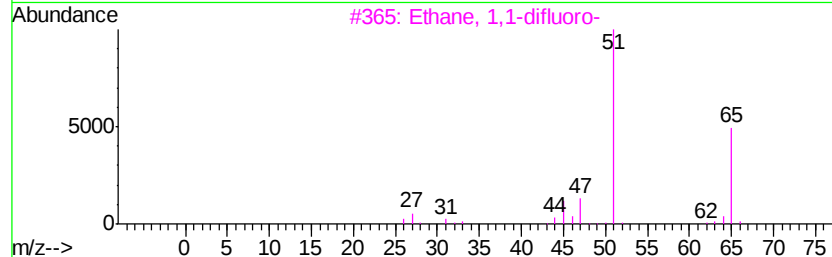
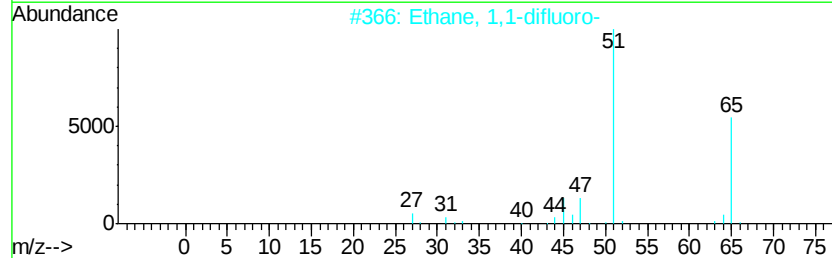
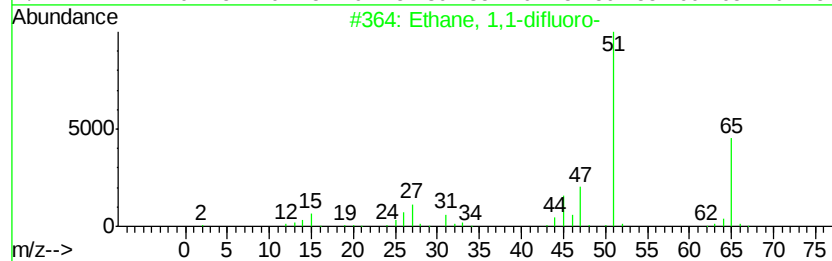
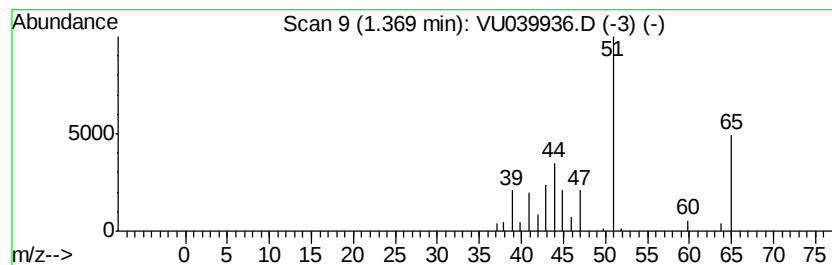
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Quant Title : TRACE VOA SOM01.0

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	0.78 ug/L	30972	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	86
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	86
4			Propiolonitrile	51	C3HN	001070-71-9	4
5			Difluoromethane	52	CH2F2	000075-10-5	1



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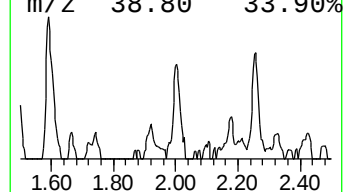
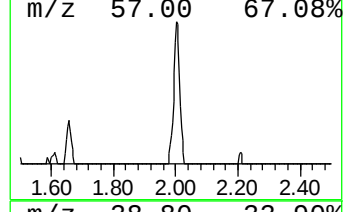
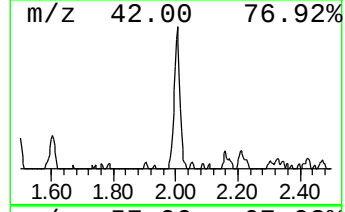
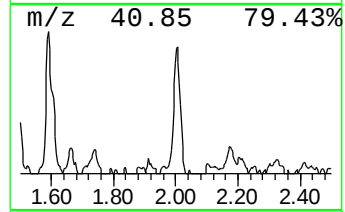
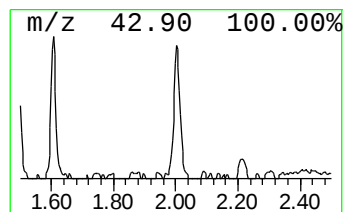
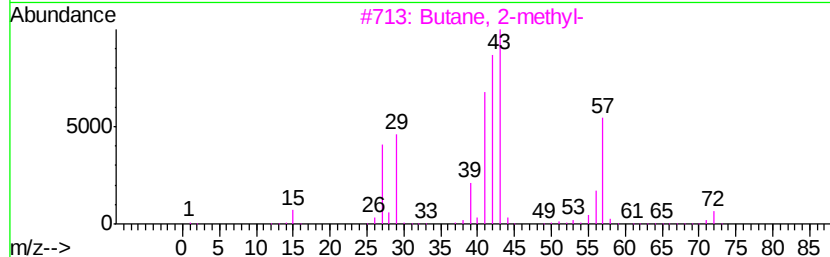
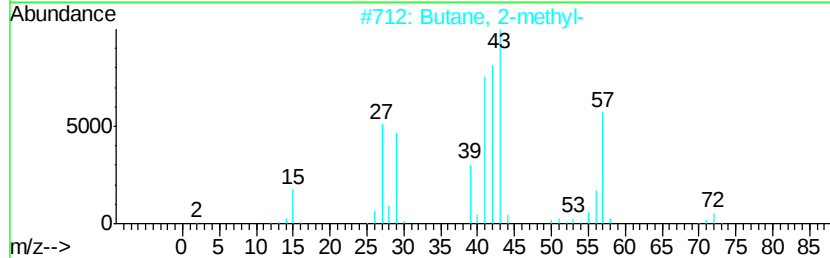
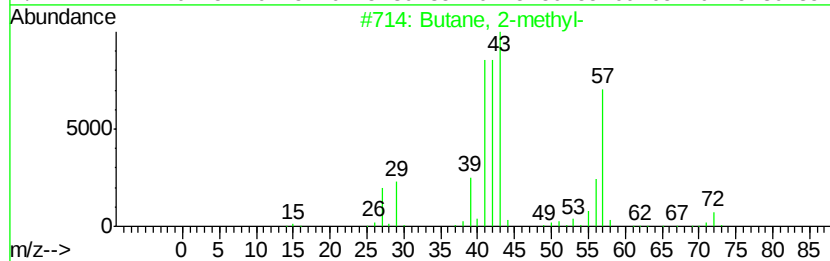
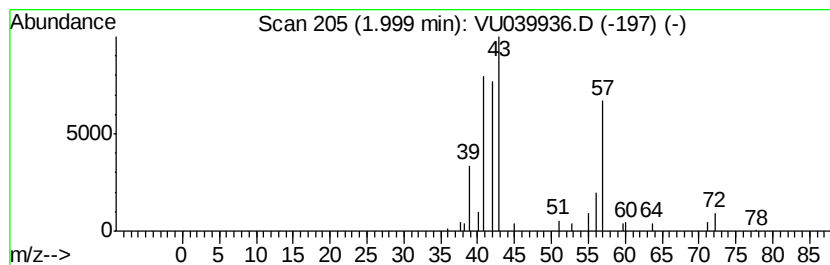
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	0.60 ug/L	23706	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Butane, 2-methyl-	72	C5H12	000078-78-4	86
4		3-Buten-1-ol	72	C4H8O	000627-27-0	43
5		3-Buten-1-ol	72	C4H8O	000627-27-0	37



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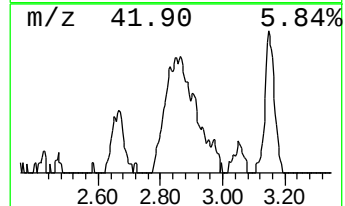
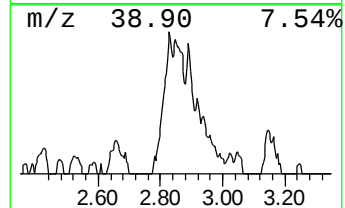
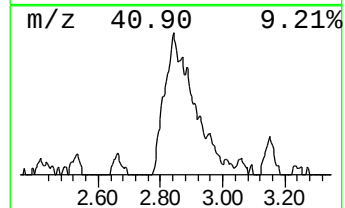
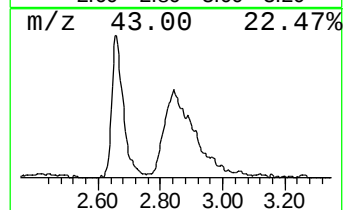
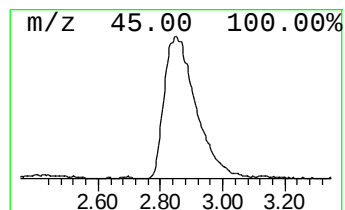
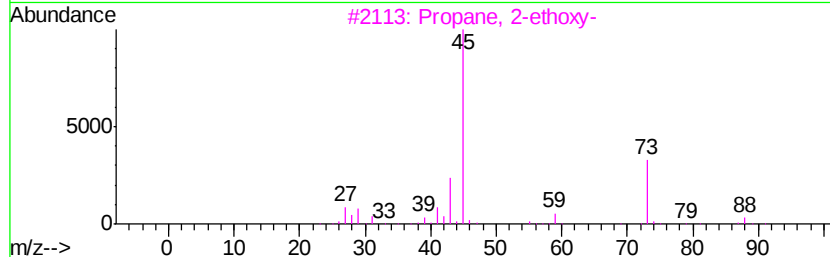
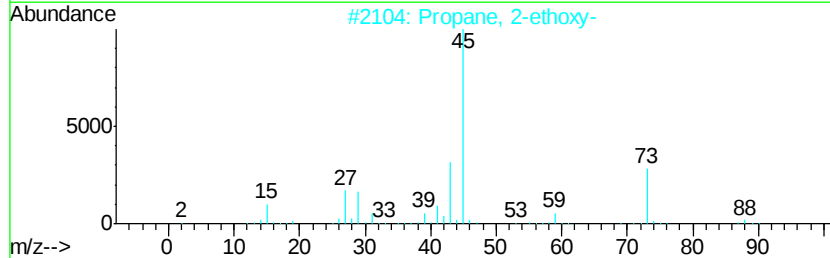
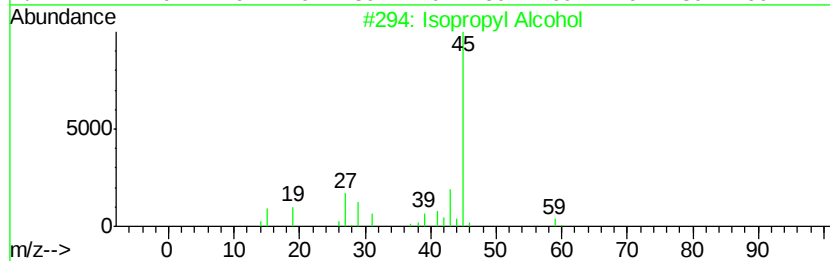
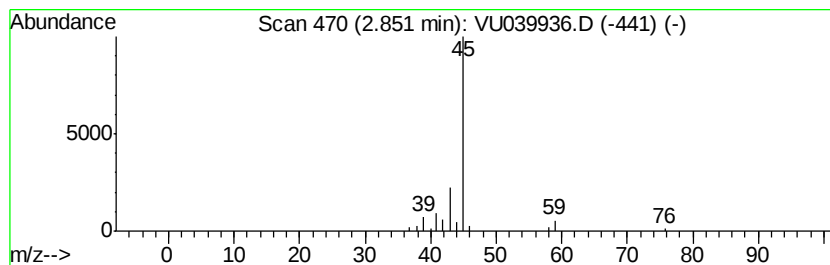
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.85	3.32 ug/L	131412	1,4-Difluorobenzene	6.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5	Propylene Glycol	76	C3H8O2	000057-55-6	9



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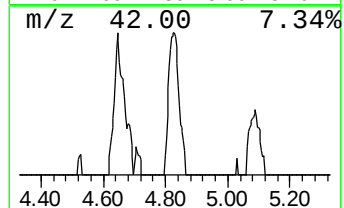
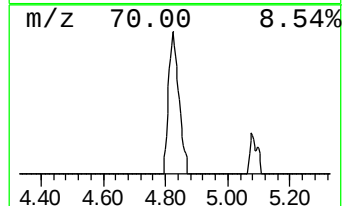
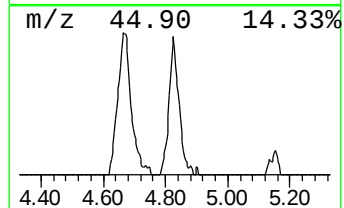
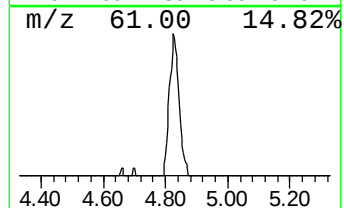
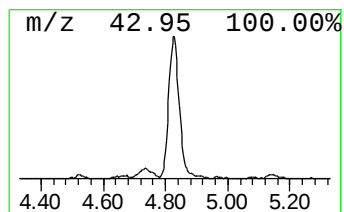
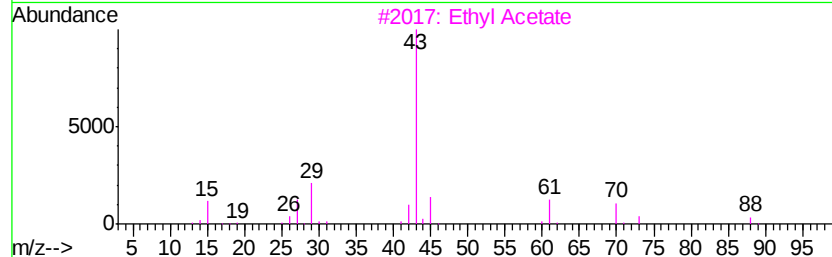
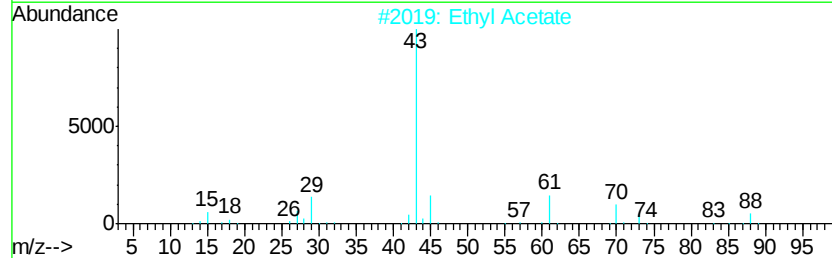
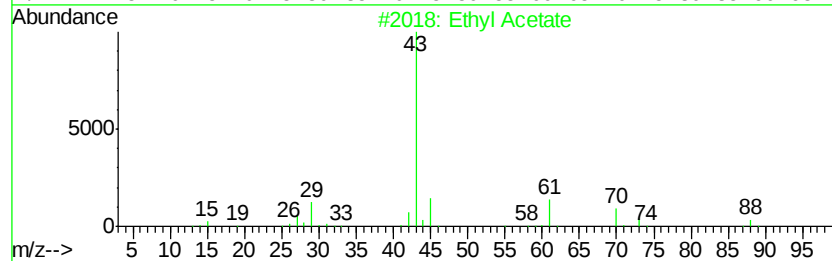
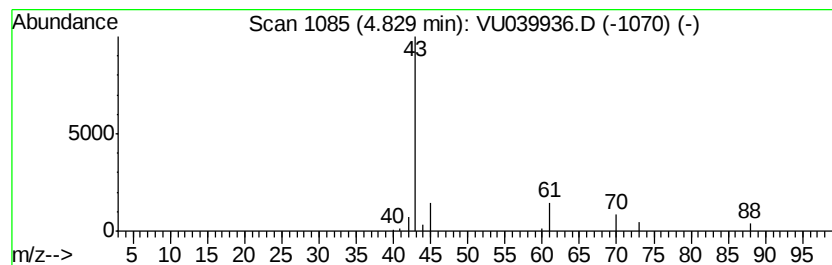
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	1.24 ug/L	48940	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	90
4		Ethyl Acetate	88	C4H8O2	000141-78-6	83
5		Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9



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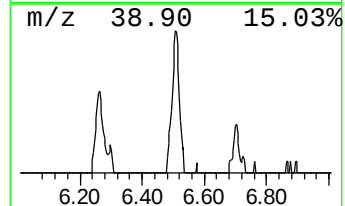
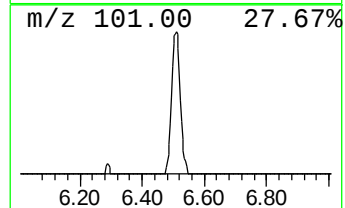
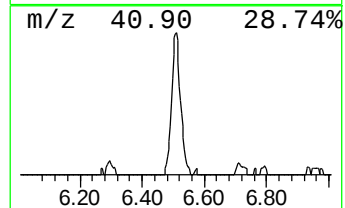
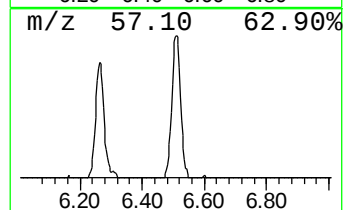
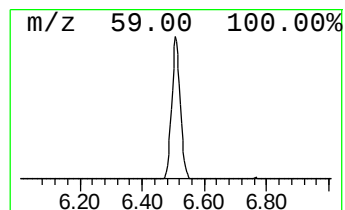
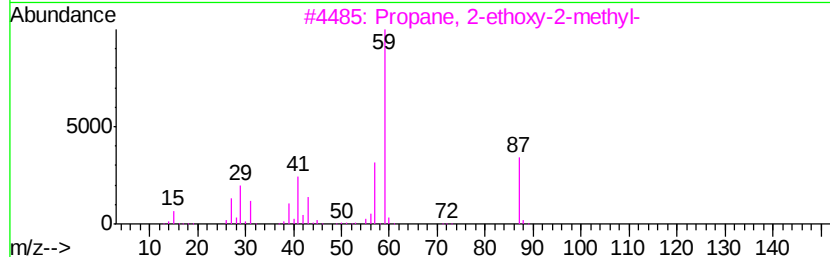
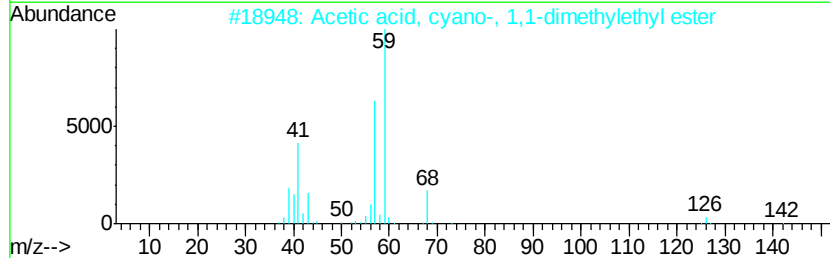
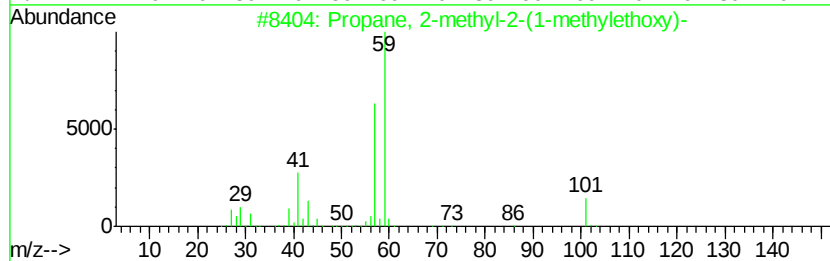
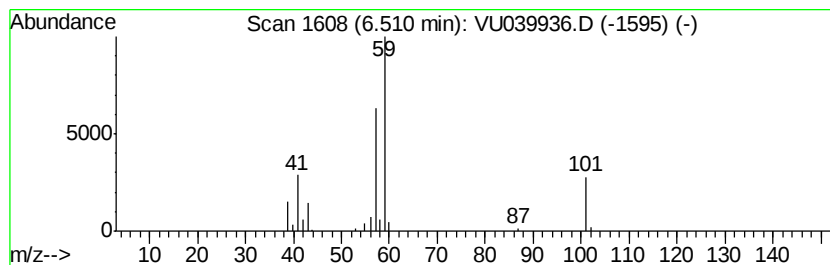
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	1.29 ug/L	51169	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2		001116-98-9	64
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O		000637-92-3	38
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O		000627-02-1	38
5	1-Methyl-3-pyrrolidinol	101	C5H11NO		013220-33-2	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039936.D
Acq On : 21 Aug 2020 18:26
Operator : SY/MD
Sample : L3776-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y12

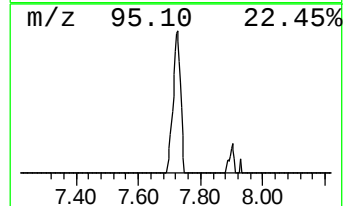
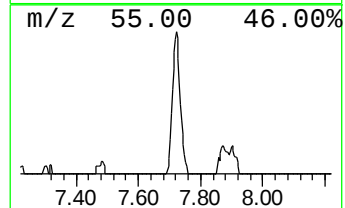
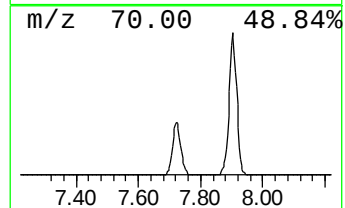
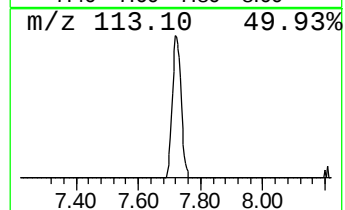
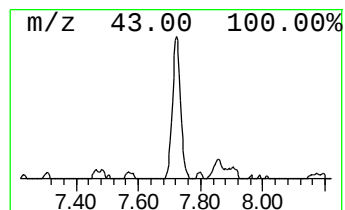
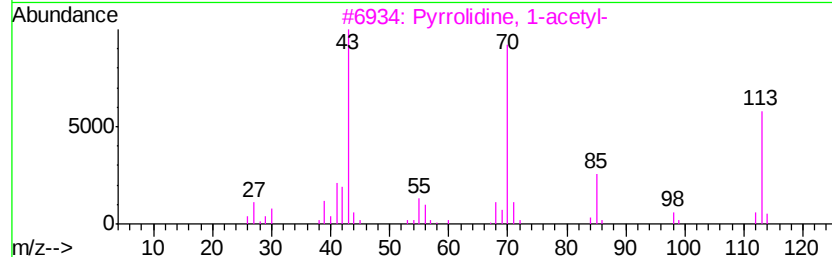
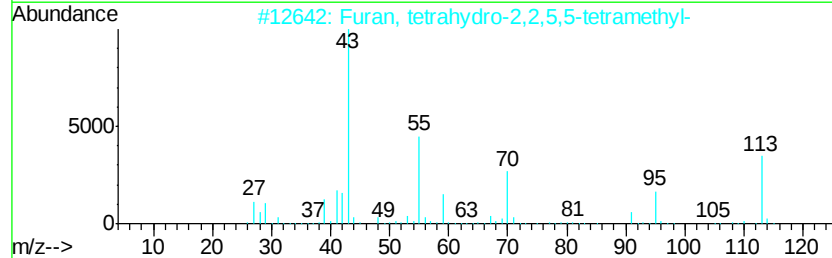
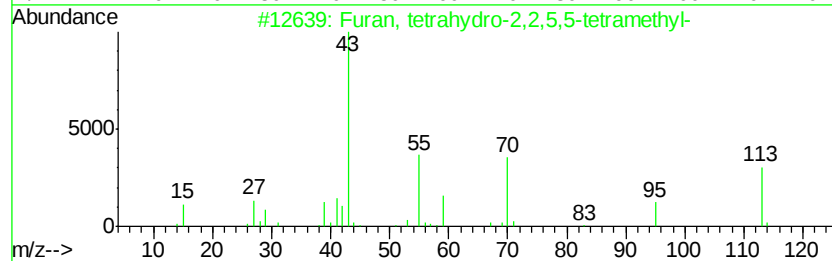
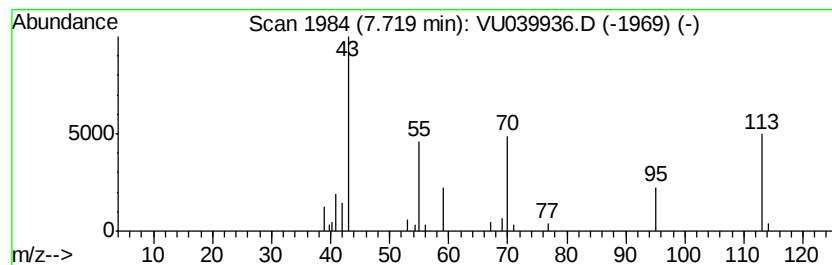
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	0.86 ug/L	34024	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O		015045-43-9	83
2	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O		015045-43-9	74
3	Pvrrolidine, 1-acetvl-	113	C6H11NO		004030-18-6	50
4	4-Piperidinone, 1-methyl-	113	C6H11NO		001445-73-4	50
5	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O		003358-28-9	45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
Data File : VU039936.D
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y12

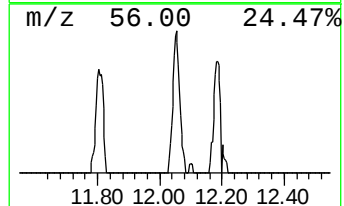
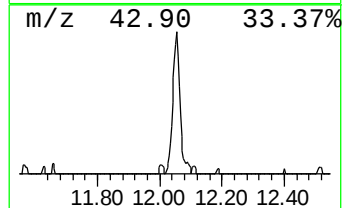
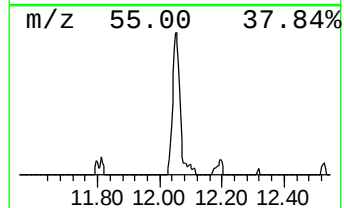
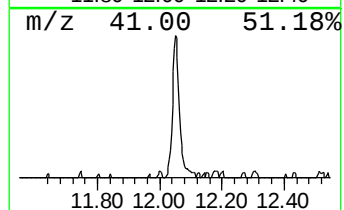
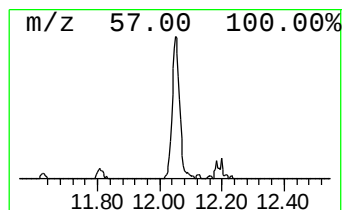
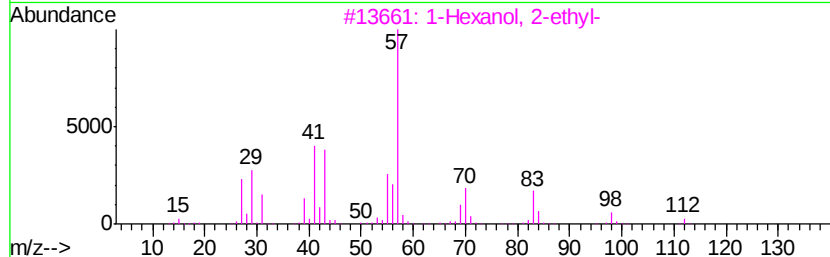
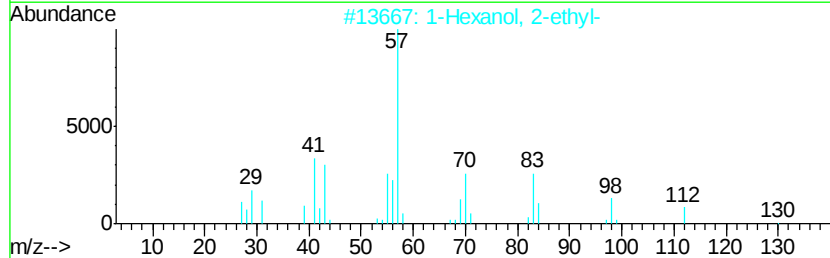
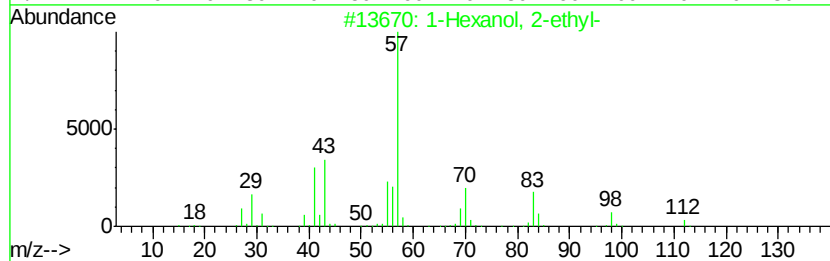
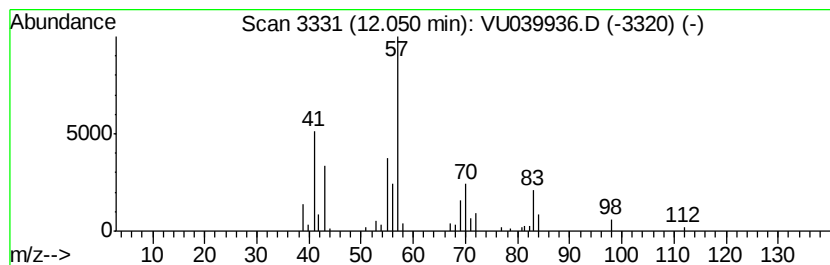
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.99 ug/L	45189	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
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	59
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
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Acq On : 21 Aug 2020 18:26
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y12

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	0.8	ug/L	30972	1	6.26	198043	5.0
(DEL) Alkane: Str...	2.00	0.6	ug/L	23706	1	6.26	198043	5.0
Isopropyl Alcohol	2.85	3.3	ug/L	131412	1	6.26	198043	5.0
Ethyl Acetate	4.83	1.2	ug/L	48940	1	6.26	198043	5.0
Propane, 2-methyl...	6.51	1.3	ug/L	51169	1	6.26	198043	5.0
Furan, tetrahydro...	7.72	0.9	ug/L	34024	1	6.26	198043	5.0
1-Hexanol, 2-ethyl-	12.05	1.0	ug/L	45189	3	11.81	228518	5.0