

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040088.D
 Acq On : 10 Sep 2020 18:01
 Operator : SY/MD
 Sample : L3961-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y29

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	1.494	42	48	54	rVB2	6717	6803	1.64%	0.163%
2	1.604	71	82	93	rVB2	50405	72657	17.47%	1.738%
3	1.922	171	181	193	rBV	37804	51210	12.31%	1.225%
4	2.581	374	386	397	rBV	78919	131812	31.69%	3.153%
5	2.655	397	409	436	rVB	28349	72838	17.51%	1.742%
6	2.829	441	463	521	rBV2	65757	401502	96.52%	9.604%
7	3.379	618	634	653	rVB2	25224	60211	14.47%	1.440%
8	3.896	784	795	807	rVB3	3338	6842	1.64%	0.164%
9	4.015	816	832	842	rBV5	3215	7907	1.90%	0.189%
10	4.520	973	989	1009	rBV3	34416	86822	20.87%	2.077%
11	4.652	1012	1030	1048	rBV2	60137	159814	38.42%	3.823%
12	4.822	1071	1083	1101	rVB2	18260	41320	9.93%	0.988%
13	5.083	1148	1164	1180	rBV2	69211	153356	36.87%	3.668%
14	5.600	1311	1325	1339	rVB4	14680	33327	8.01%	0.797%
15	5.742	1348	1369	1389	rBV2	134774	347155	83.45%	8.304%
16	6.263	1516	1531	1549	rBV2	145075	274551	66.00%	6.567%
17	6.510	1595	1608	1624	rBV3	19412	40961	9.85%	0.980%
18	6.703	1654	1668	1683	rBV2	85773	166899	40.12%	3.992%
19	6.771	1683	1689	1703	rVB7	2953	7021	1.69%	0.168%
20	7.166	1801	1812	1822	rBV3	7212	13256	3.19%	0.317%
21	7.224	1822	1830	1843	rVB8	5130	9786	2.35%	0.234%
22	7.308	1844	1856	1867	rBV4	12880	22998	5.53%	0.550%
23	7.501	1899	1916	1926	rVB9	4017	9138	2.20%	0.219%
24	7.575	1926	1939	1952	rBV	44226	75775	18.22%	1.813%
25	7.723	1974	1985	2002	rBV4	6967	14361	3.45%	0.344%
26	7.906	2016	2042	2058	rBV2	155802	297956	71.63%	7.127%
27	8.186	2115	2129	2145	rBV2	26061	47916	11.52%	1.146%
28	8.507	2221	2229	2245	rVB4	5906	10882	2.62%	0.260%
29	8.639	2257	2270	2302	rBV	226385	415984	100.00%	9.950%
30	8.928	2350	2360	2375	rVB3	7044	13403	3.22%	0.321%
31	9.420	2497	2513	2536	rBV	219142	360376	86.63%	8.620%
32	9.767	2609	2621	2634	rBV5	3257	7144	1.72%	0.171%
33	10.755	2916	2928	2942	rBV	66275	105863	25.45%	2.532%
34	11.472	3141	3151	3163	rBV2	22907	36403	8.75%	0.871%

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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

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Title : TRACE VOA SOM01.0

35	11.806	3243	3255	3270	rVB	198908	324247	77.95%	7.756%
36	12.054	3319	3332	3348	rBV3	22341	37900	9.11%	0.907%
37	12.189	3362	3374	3391	rVB	155992	254278	61.13%	6.082%

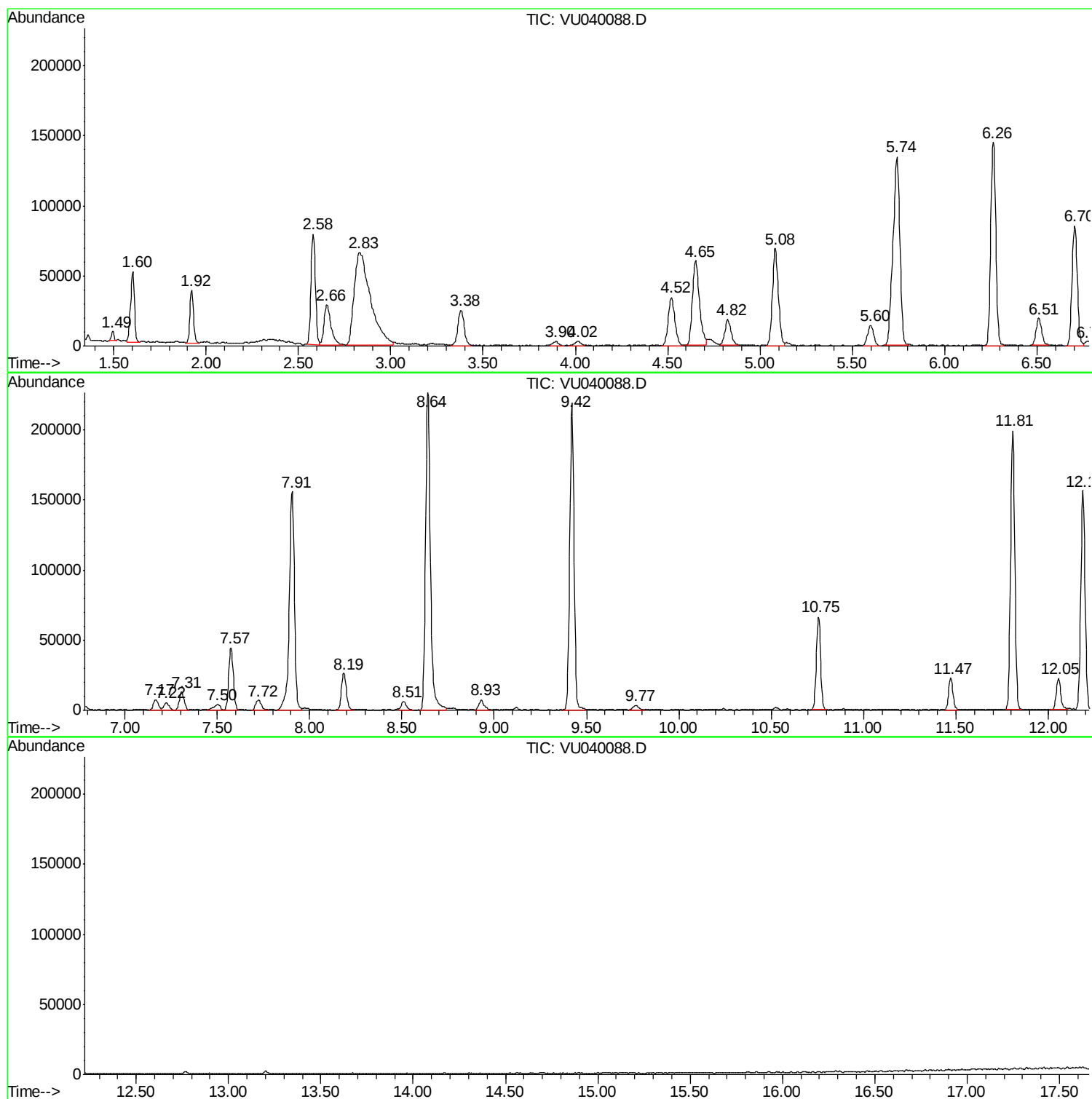
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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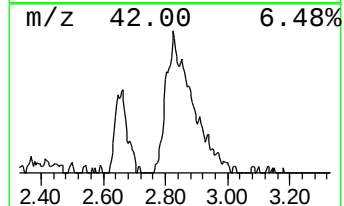
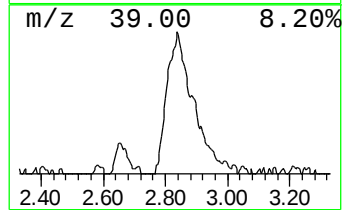
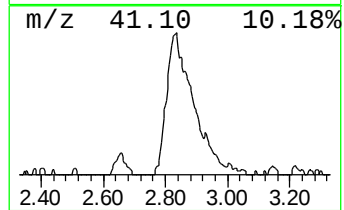
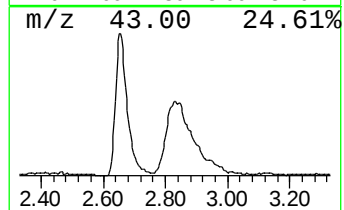
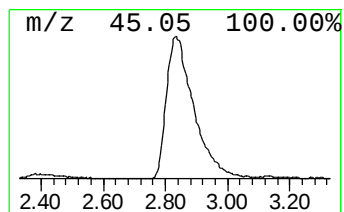
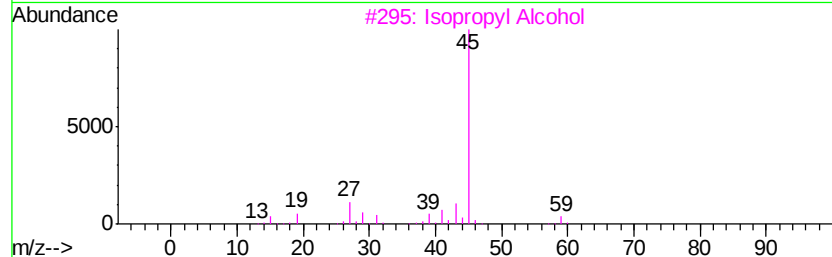
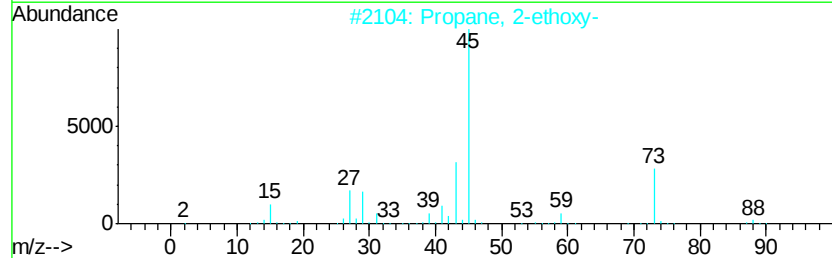
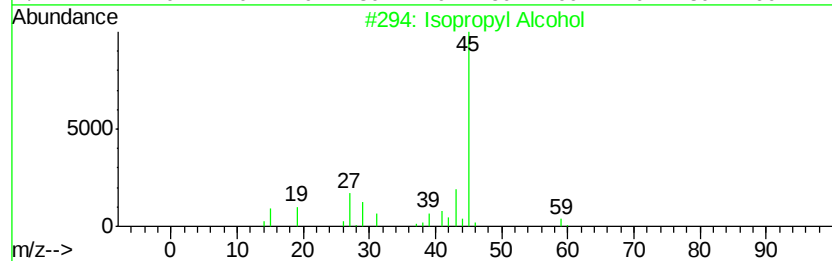
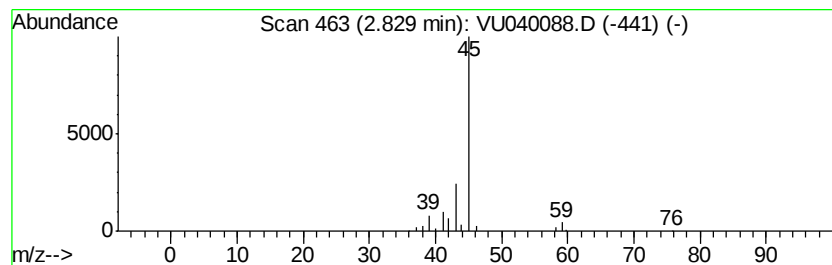
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	7.31 ug/L	401502	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43



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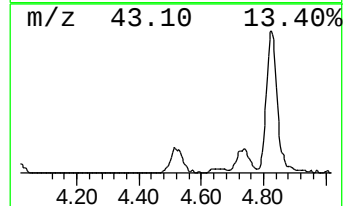
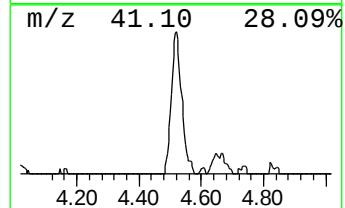
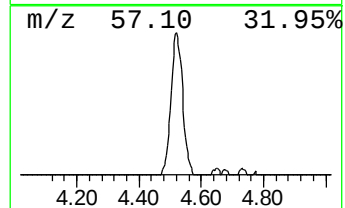
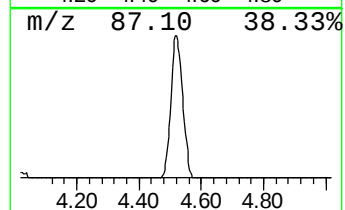
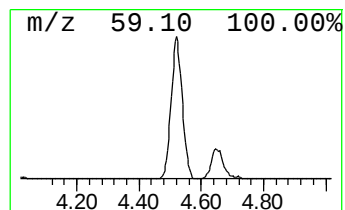
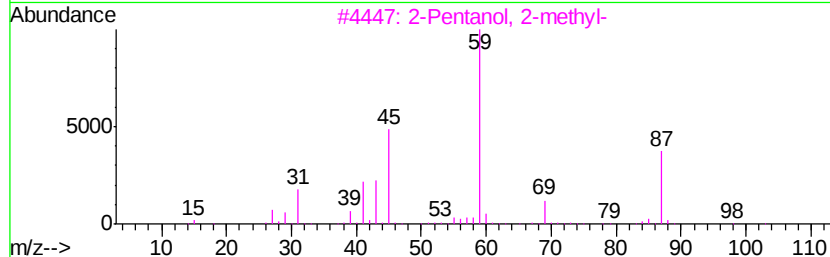
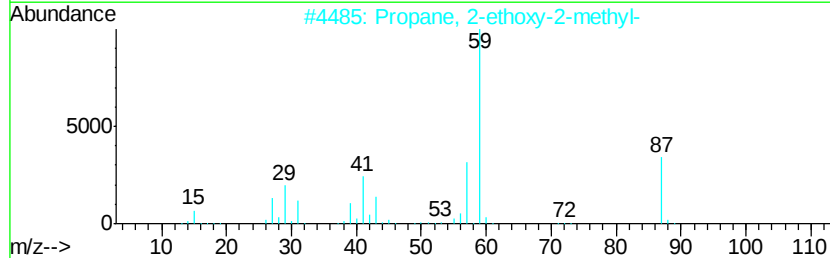
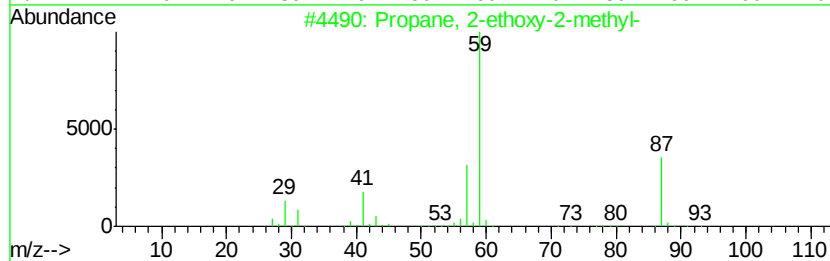
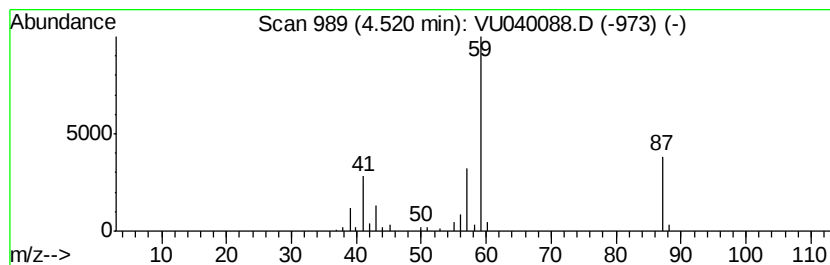
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	1.58 ug/L	86822	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		2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	40
5		3-Pentanol	88	C5H12O	000584-02-1	40



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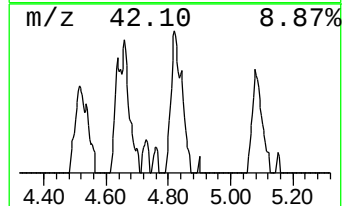
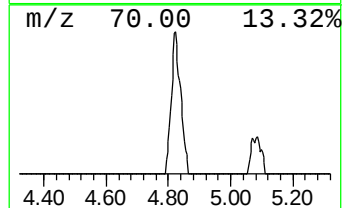
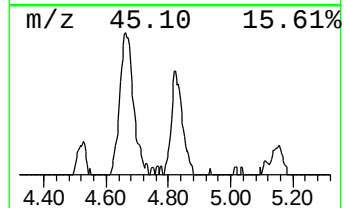
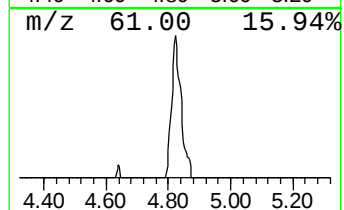
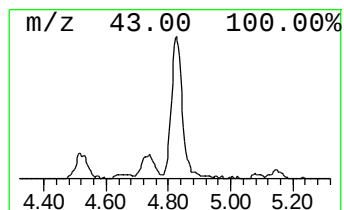
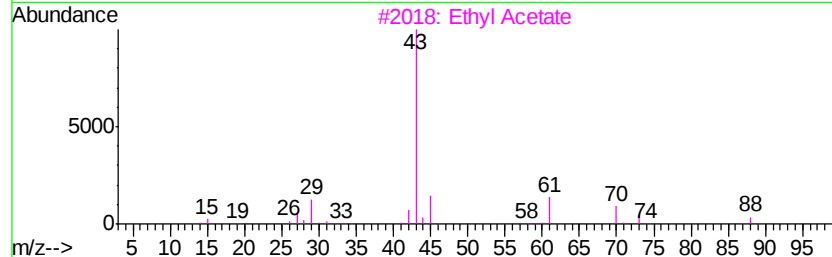
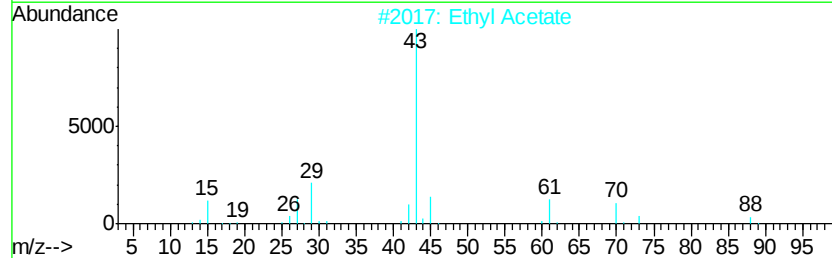
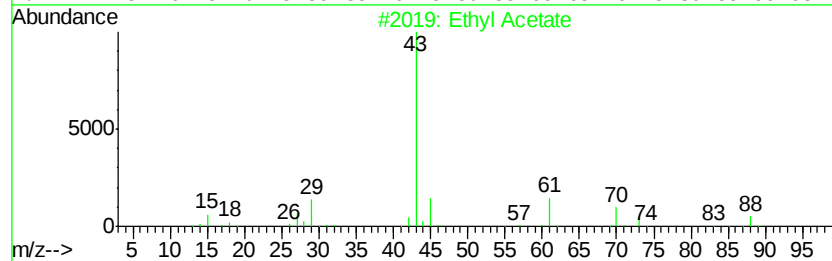
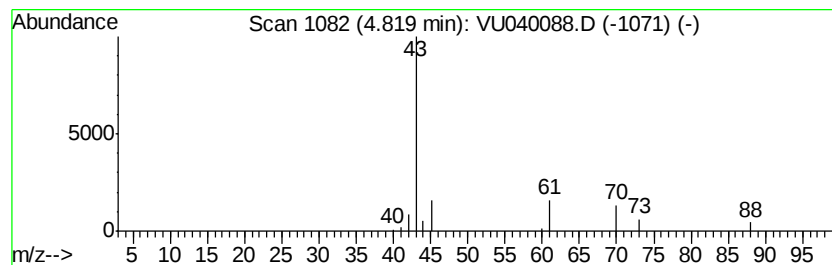
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	0.75 ug/L	41320	1,4-Difluorobenzene	6.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	42



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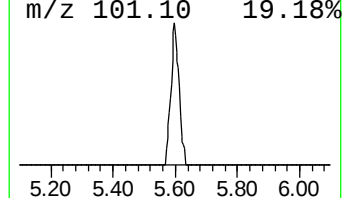
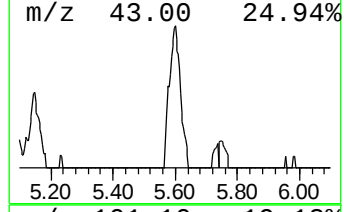
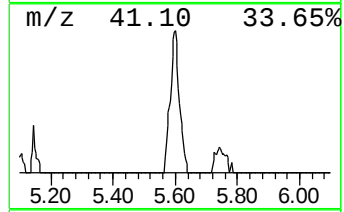
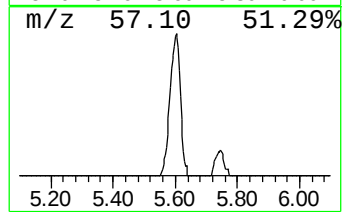
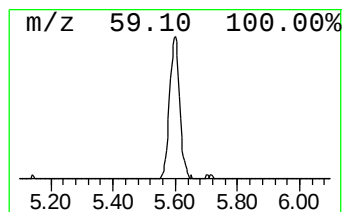
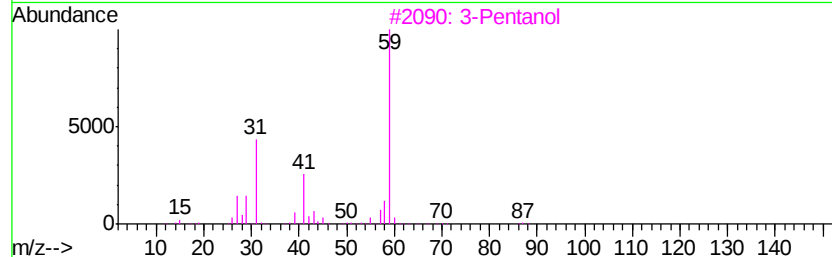
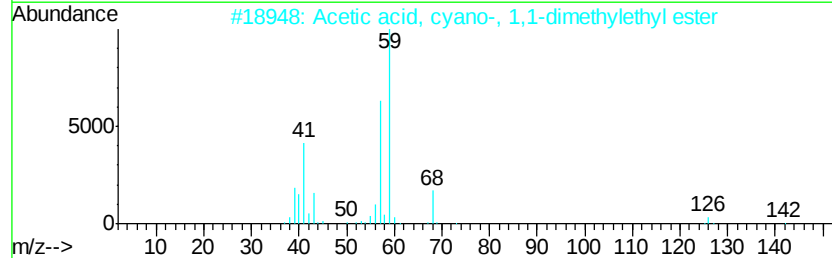
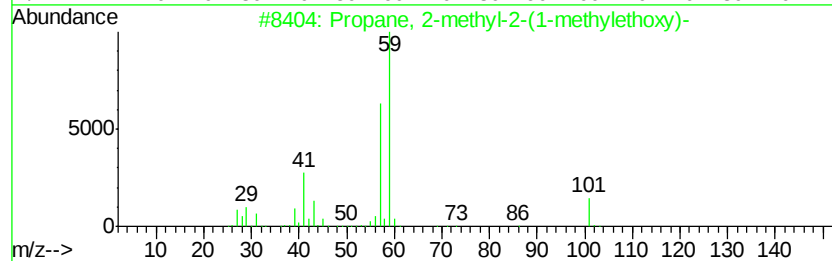
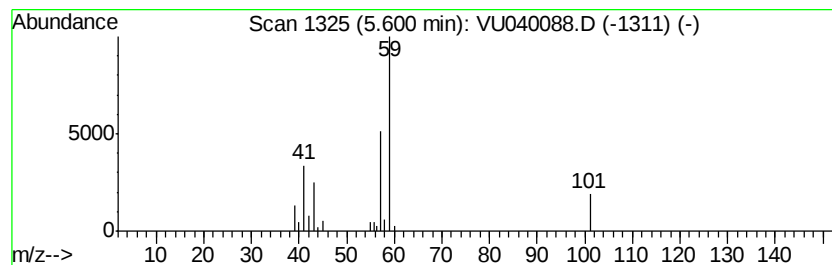
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Propane, 2-methyl-2-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	0.61 ug/L	33327	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	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2		001116-98-9	64
3	3-Pentanol	88	C5H12O		000584-02-1	59
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O		000625-06-9	43
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O		000625-06-9	39



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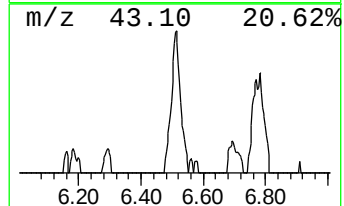
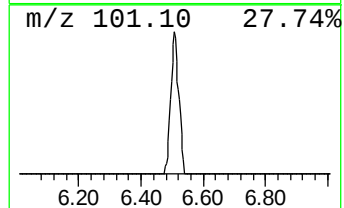
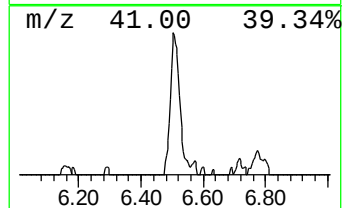
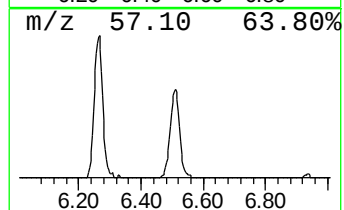
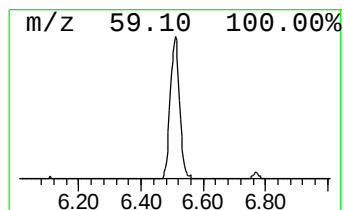
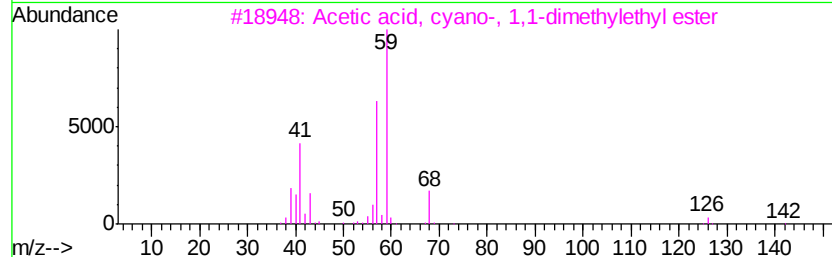
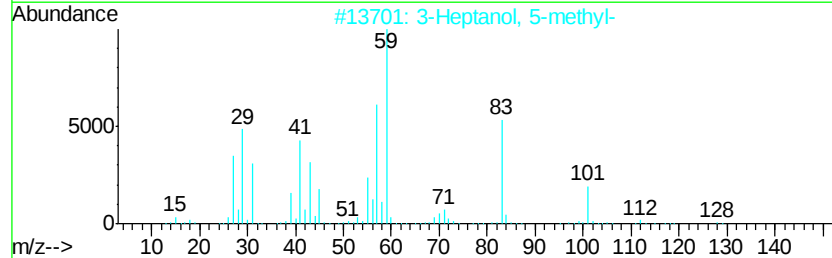
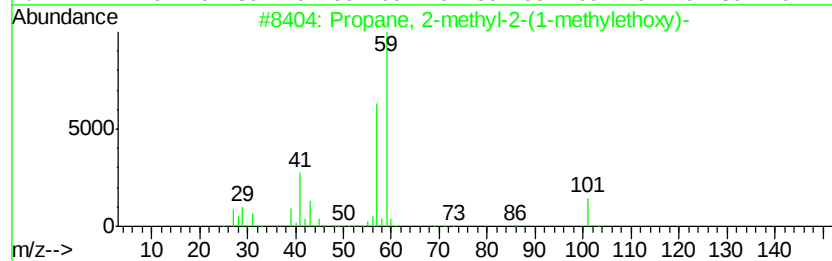
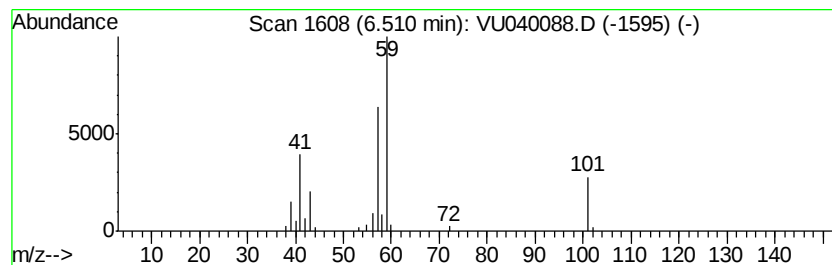
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
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TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Heptanol, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	0.75 ug/L	40961	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	83
2		3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	50
3		Acetic acid, cyano-, 1,1-dimethv...	141	C7H11NO2	001116-98-9	50
4		3-Octanol	130	C8H18O	000589-98-0	43
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040088.D
Acq On : 10 Sep 2020 18:01
Operator : SY/MD
Sample : L3961-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

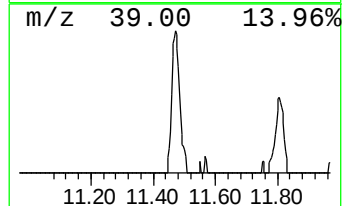
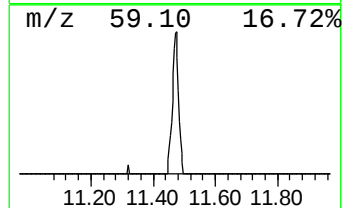
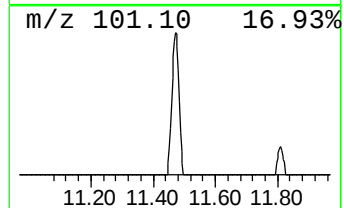
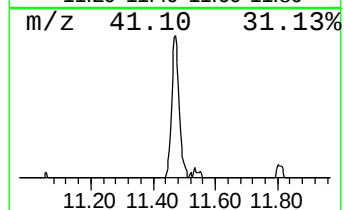
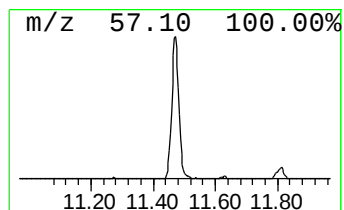
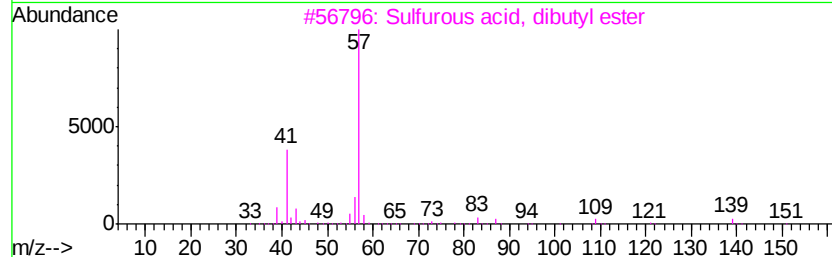
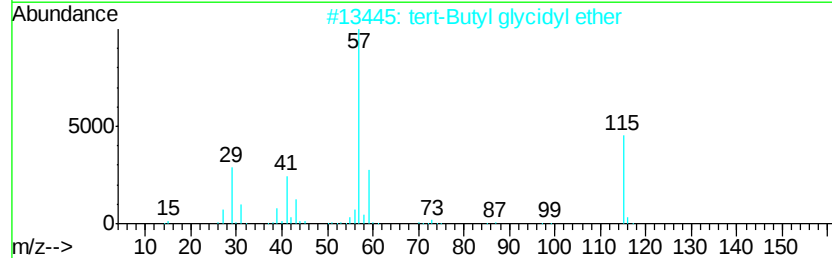
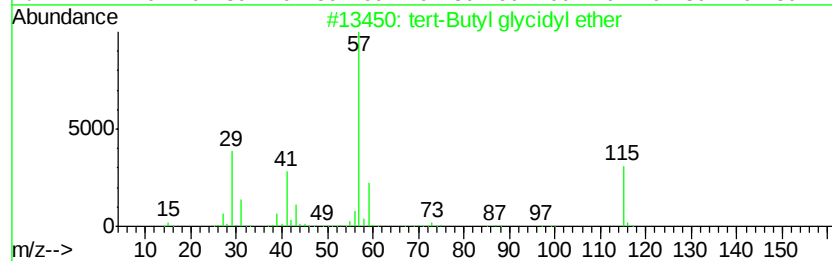
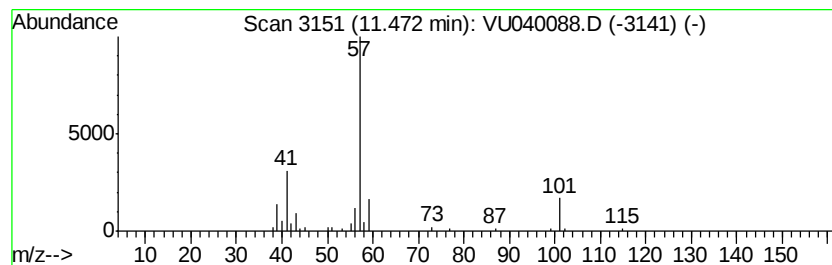
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MSVOA_U
ClientSampleId :
F4Y29

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 7 tert-Butyl glycidyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.56 ug/L	36403	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	tert-Butyl glycidyl ether	130 C7H14O2	007665-72-7	59
2	tert-Butyl glycidyl ether	130 C7H14O2	007665-72-7	47
3	Sulfurous acid, dibutyl ester	194 C8H18O3S	000626-85-7	43
4	n-Butyl ether	130 C8H18O	000142-96-1	40
5	Propanoic acid, 2,2-dimethyl-	102 C5H10O2	000075-98-9	40



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040088.D
Acq On : 10 Sep 2020 18:01
Operator : SY/MD
Sample : L3961-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y29

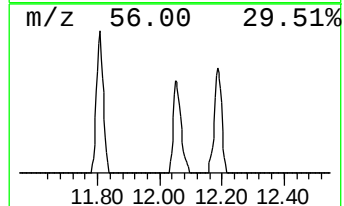
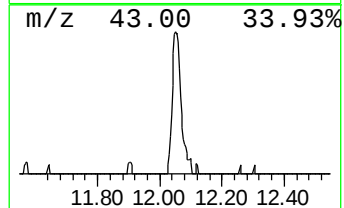
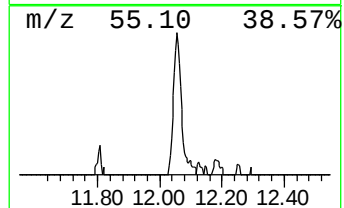
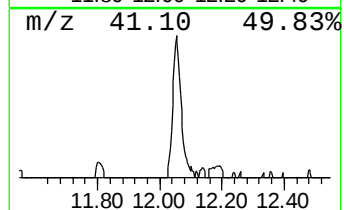
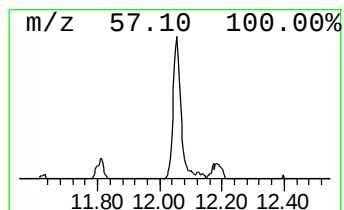
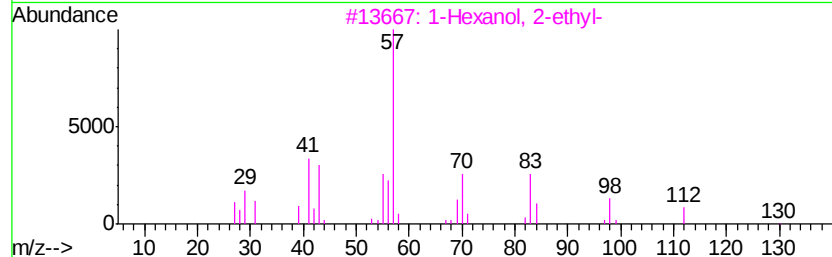
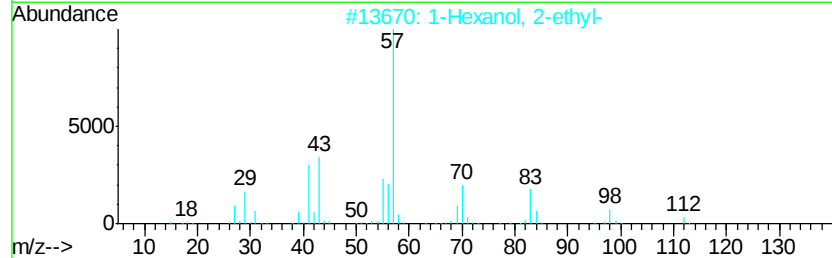
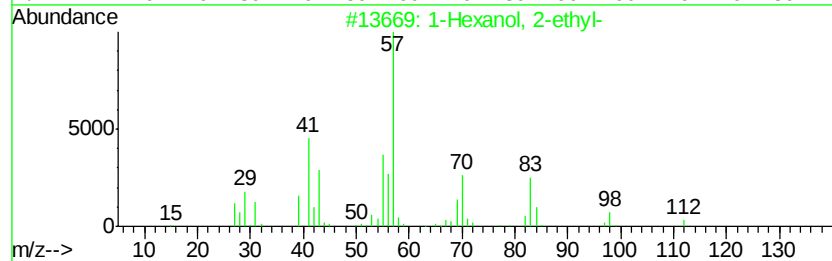
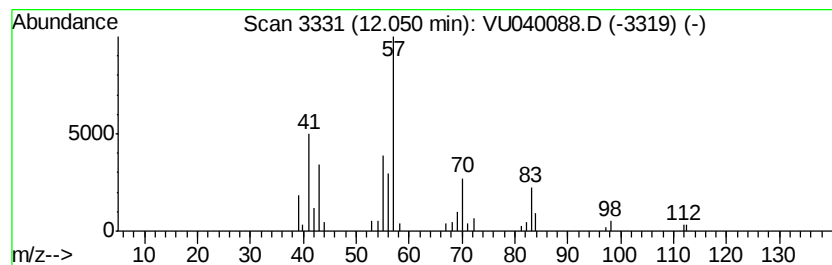
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.58 ug/L	37900	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	72
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
4			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040088.D
Acq On : 10 Sep 2020 18:01
Operator : SY/MD
Sample : L3961-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y29

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
Isopropyl Alcohol	2.83	7.3	ug/L	401502	1	6.26	274551	5.0
Propane, 2-ethoxy...	4.52	1.6	ug/L	86822	1	6.26	274551	5.0
Ethyl Acetate	4.82	0.8	ug/L	41320	1	6.26	274551	5.0
Propane, 2-methyl...	5.60	0.6	ug/L	33327	1	6.26	274551	5.0
3-Heptanol, 5-met...	6.51	0.8	ug/L	40961	1	6.26	274551	5.0
tert-Butyl glycid...	11.47	0.6	ug/L	36403	3	11.81	324247	5.0
1-Hexanol, 2-ethyl-	12.05	0.6	ug/L	37900	3	11.81	324247	5.0