

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040087.D
 Acq On : 10 Sep 2020 17:38
 Operator : SY/MD
 Sample : L3961-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y28

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	43	48	56	rVB	11603	10644	2.54%	0.262%
2	1.604	71	82	94	rVB2	49383	66344	15.81%	1.630%
3	1.925	173	182	189	rBV	37711	51071	12.17%	1.255%
4	2.578	374	385	397	rBV2	79869	129895	30.96%	3.192%
5	2.655	398	409	431	rVB	25921	67297	16.04%	1.654%
6	2.835	441	465	525	rBV2	64053	419605	100.00%	10.312%
7	3.378	620	634	651	rBV2	26887	61086	14.56%	1.501%
8	3.893	776	794	807	rBV3	3992	9088	2.17%	0.223%
9	4.012	820	831	848	rVB5	3356	8275	1.97%	0.203%
10	4.523	973	990	1009	rBV3	36392	94446	22.51%	2.321%
11	4.652	1014	1030	1050	rBV2	59599	161966	38.60%	3.980%
12	4.825	1073	1084	1102	rVB2	17104	38450	9.16%	0.945%
13	5.083	1149	1164	1180	rBV	67550	151444	36.09%	3.722%
14	5.597	1309	1324	1338	rBV3	17294	37708	8.99%	0.927%
15	5.742	1348	1369	1385	rBV3	131994	342325	81.58%	8.413%
16	6.263	1516	1531	1553	rBV	125409	237122	56.51%	5.828%
17	6.507	1592	1607	1624	rBV2	24859	51083	12.17%	1.255%
18	6.703	1654	1668	1681	rBV	84969	162529	38.73%	3.994%
19	6.777	1685	1691	1702	rVB8	3090	5890	1.40%	0.145%
20	7.169	1803	1813	1822	rBV4	8245	15966	3.81%	0.392%
21	7.221	1822	1829	1845	rVB4	5833	11362	2.71%	0.279%
22	7.308	1845	1856	1869	rBV4	12680	23713	5.65%	0.583%
23	7.497	1899	1915	1926	rVB6	4623	10110	2.41%	0.248%
24	7.574	1926	1939	1953	rBV2	42430	72508	17.28%	1.782%
25	7.722	1970	1985	1997	rVB4	9057	16923	4.03%	0.416%
26	7.906	2015	2042	2060	rBV	155942	295467	70.42%	7.261%
27	8.185	2114	2129	2141	rBV3	26849	47545	11.33%	1.168%
28	8.510	2220	2230	2242	rVB4	6271	11547	2.75%	0.284%
29	8.639	2258	2270	2300	rBV	232079	414532	98.79%	10.188%
30	8.931	2349	2361	2380	rVB5	6114	13789	3.29%	0.339%
31	9.420	2499	2513	2532	rBV	180956	302160	72.01%	7.426%
32	10.754	2915	2928	2943	rBV	66327	108976	25.97%	2.678%
33	11.471	3141	3151	3166	rBV2	31940	48820	11.63%	1.200%
34	11.809	3242	3256	3274	rVB	169603	270509	64.47%	6.648%

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ClientSampleId :
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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	12.057	3321	3333	3344	rBV3	27521	45547	10.85%	1.119%
36	12.188	3362	3374	3388	rVB	154465	253247	60.35%	6.224%

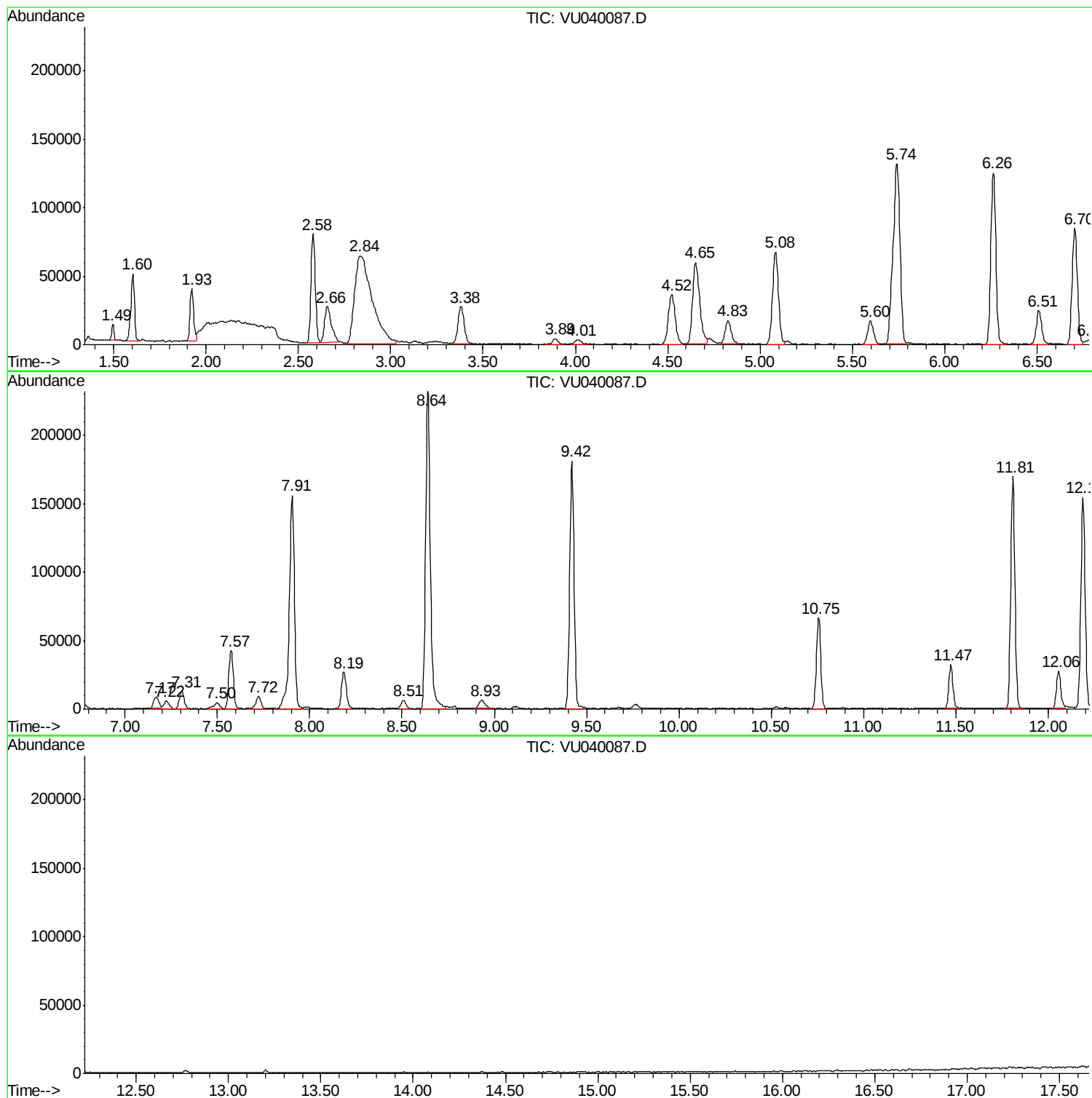
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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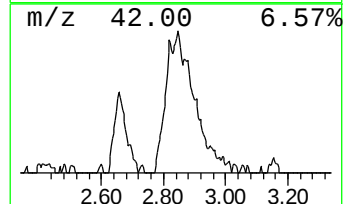
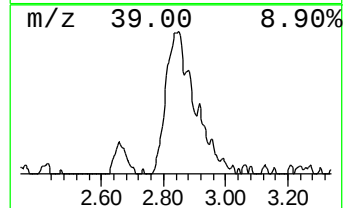
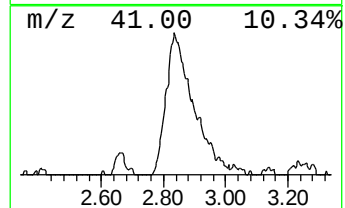
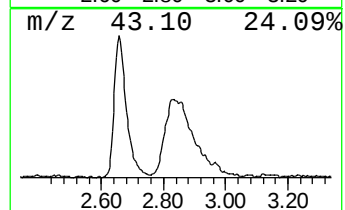
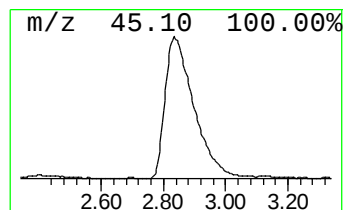
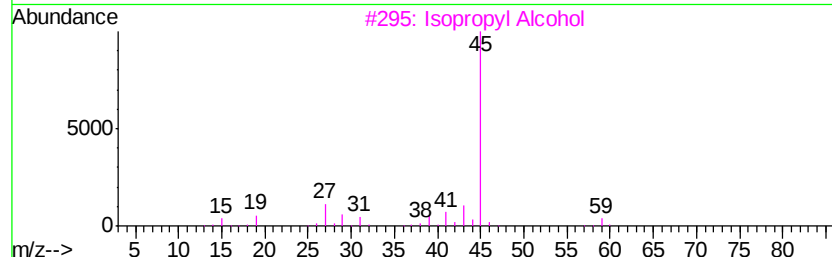
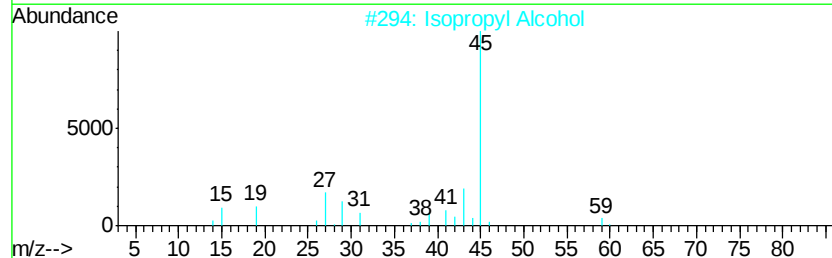
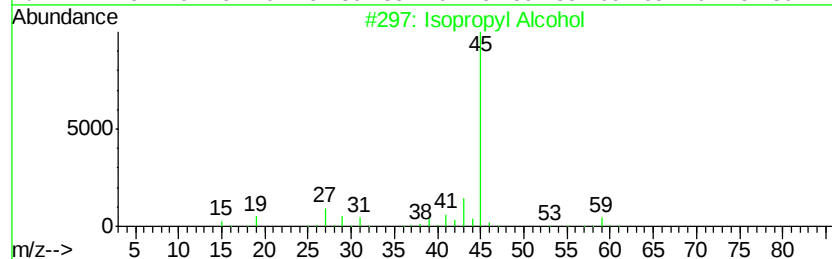
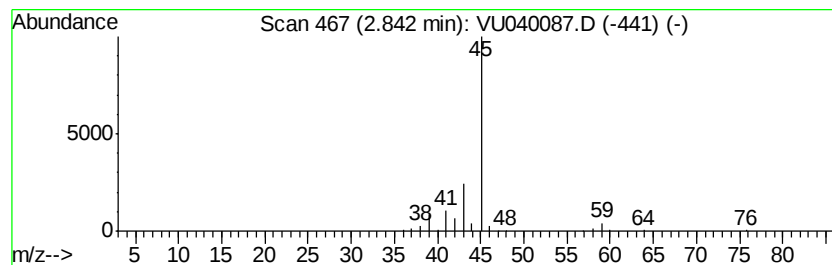
Instrument :
MSVOA_U
ClientSampleId :
F4Y28

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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.	
2.84	8.85 ug/L	419605	1,4-Difluorobenzene	6.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40



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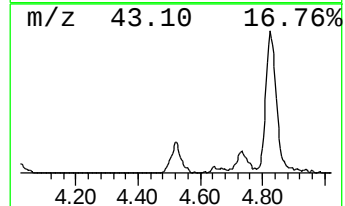
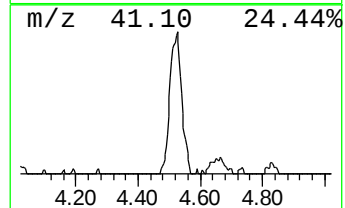
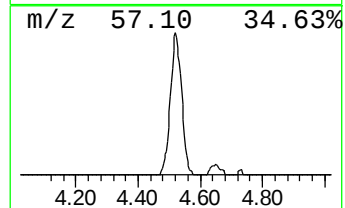
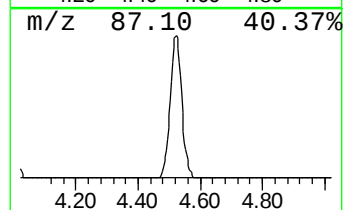
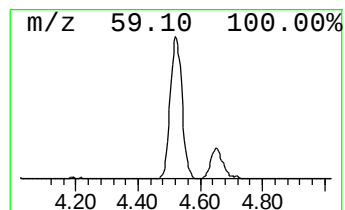
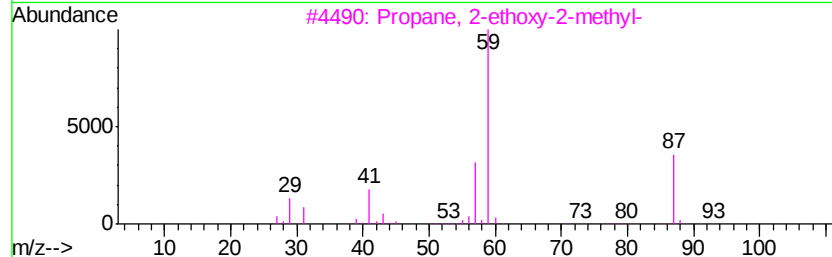
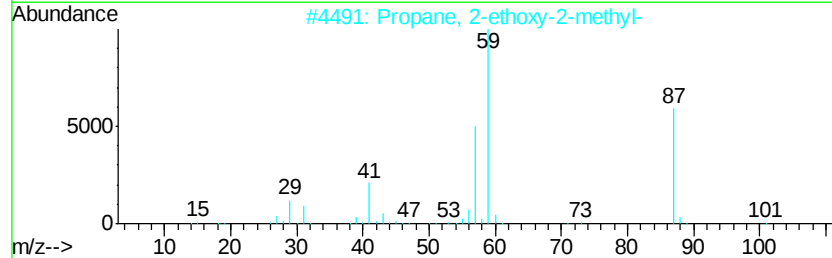
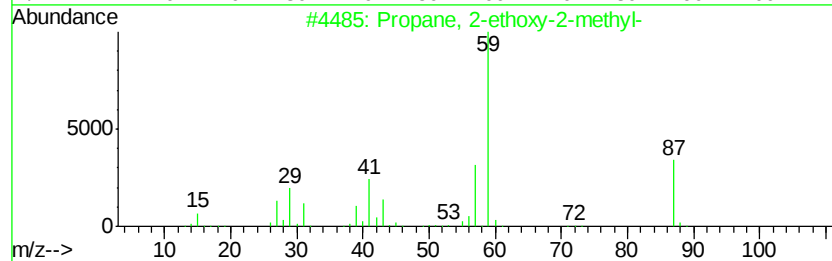
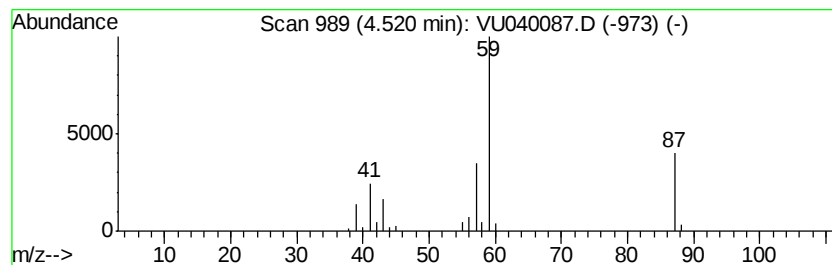
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	1.99 ug/L	94446	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	78
3		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	78
4		2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	43
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	42



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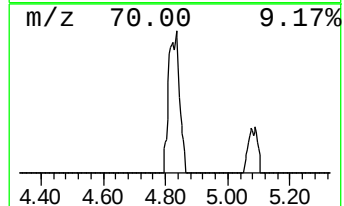
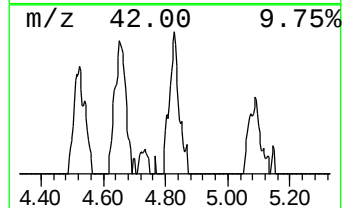
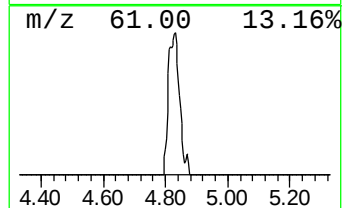
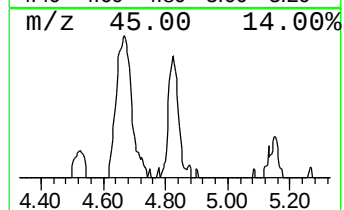
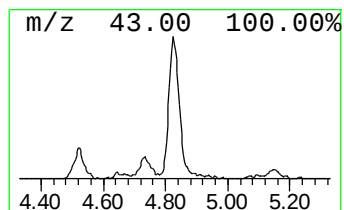
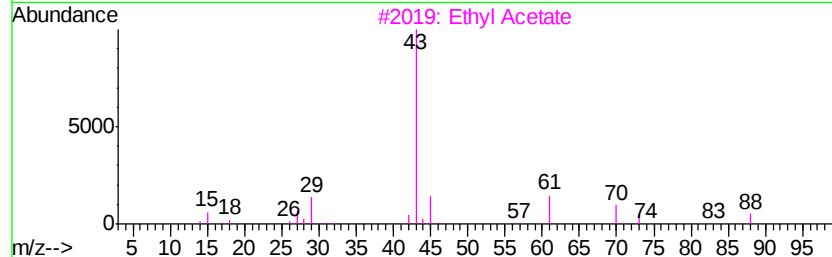
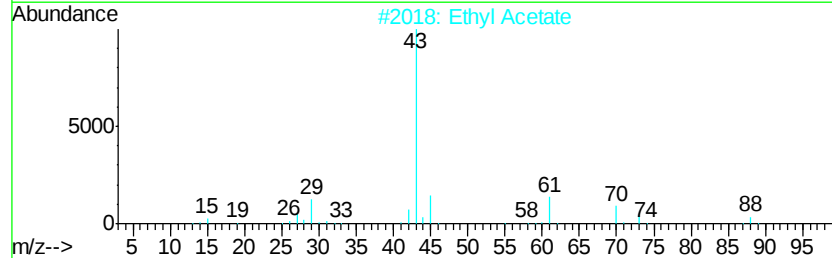
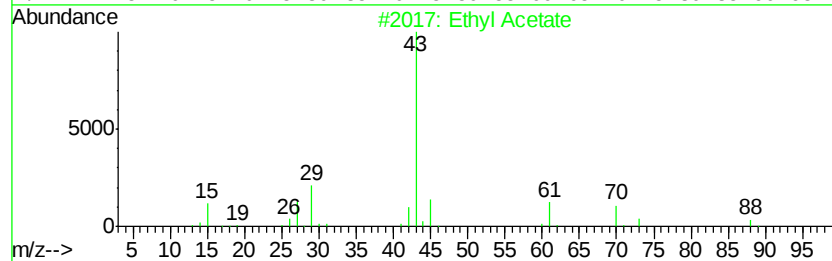
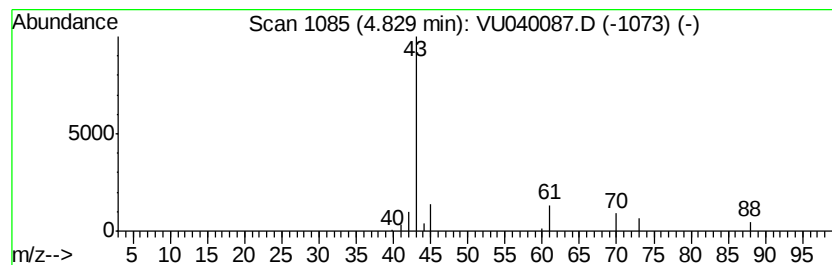
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 3 Ethyl Acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.81 ug/L	38450	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	78
4		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59
5		Ethyl Acetate	88	C4H8O2	000141-78-6	45



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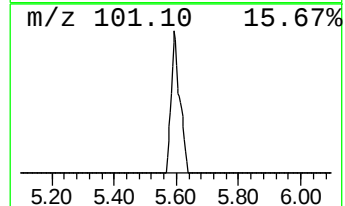
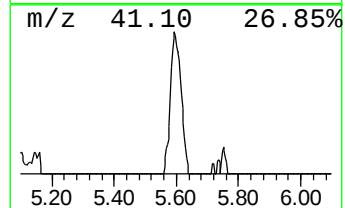
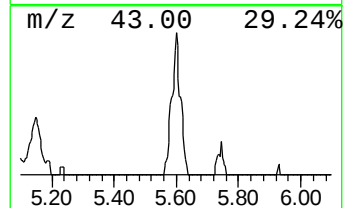
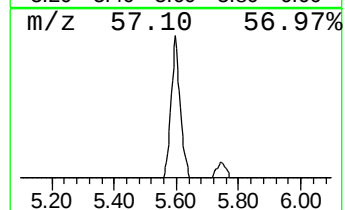
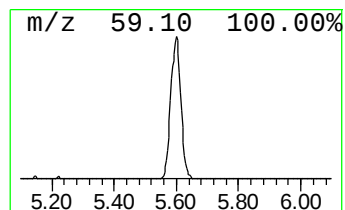
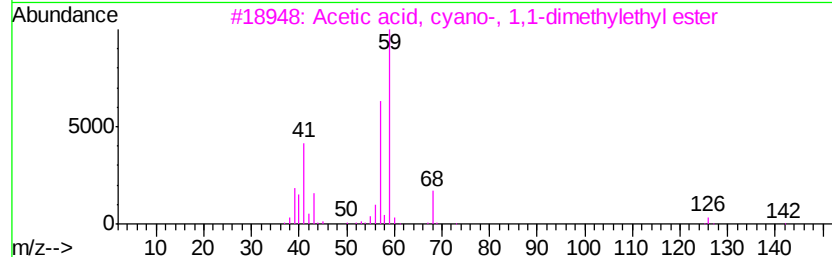
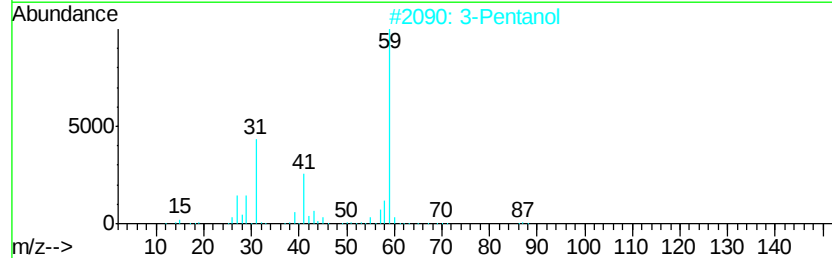
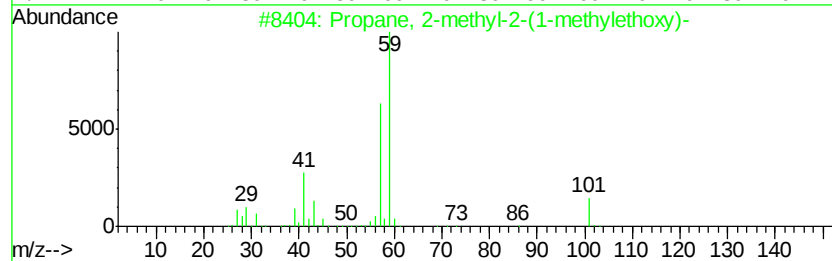
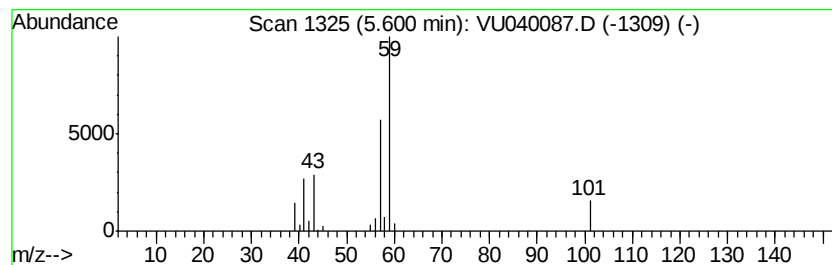
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Propane, 2-methyl-2-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	0.80 ug/L	37708	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	3-Pentanol	88	C5H12O		000584-02-1	64
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2		001116-98-9	59
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O		000637-92-3	45
5	2-Propanol, 2-methyl-	74	C4H10O		000075-65-0	45



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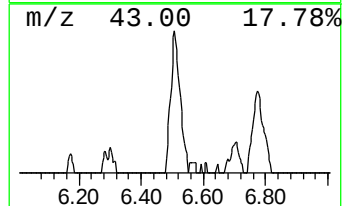
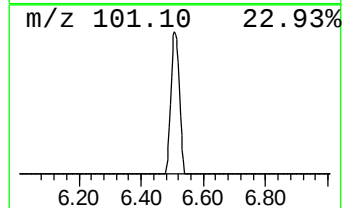
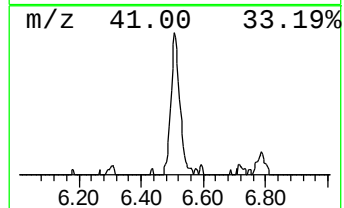
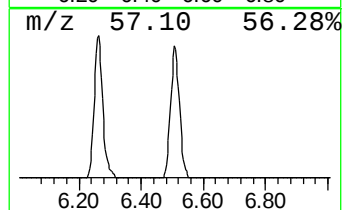
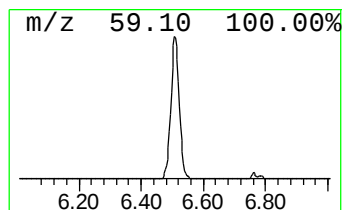
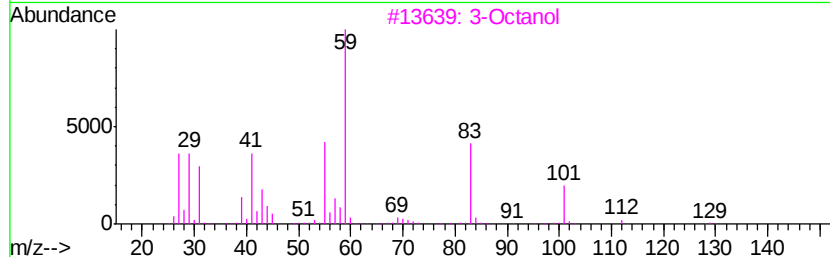
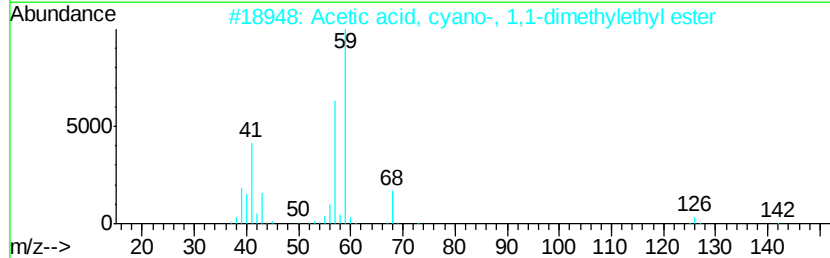
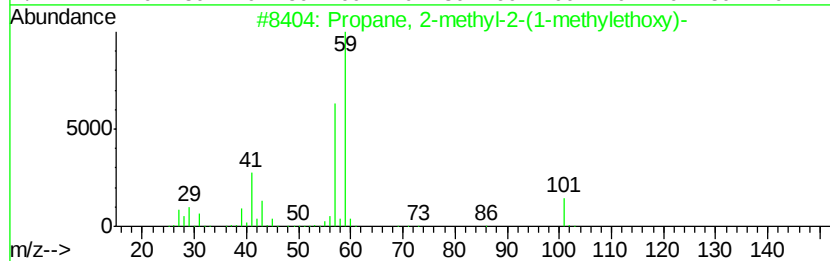
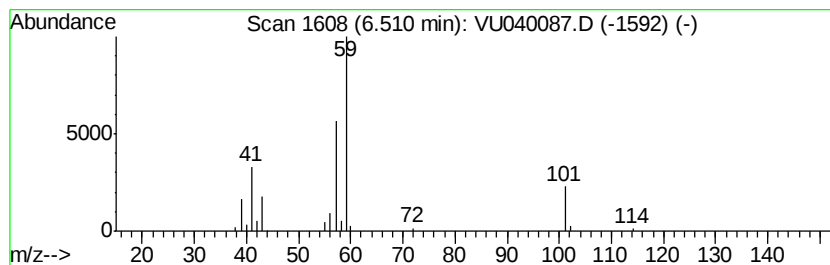
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Acetic acid, cyano-, 1,1-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	1.08 ug/L	51083	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	72
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
3			3-Octanol	130	C8H18O	000589-98-0	64
4			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	64
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040087.D
Acq On : 10 Sep 2020 17:38
Operator : SY/MD
Sample : L3961-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y28

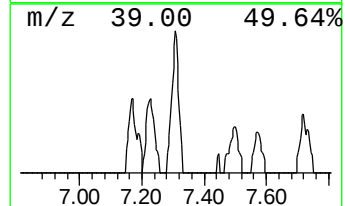
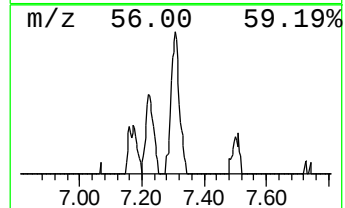
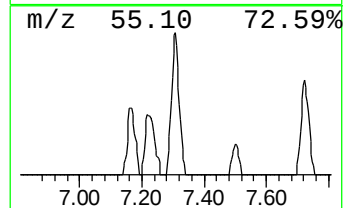
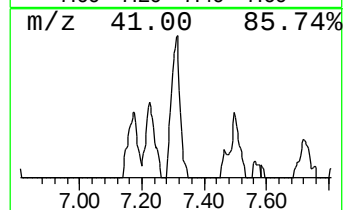
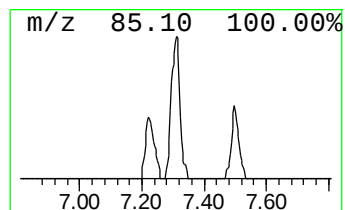
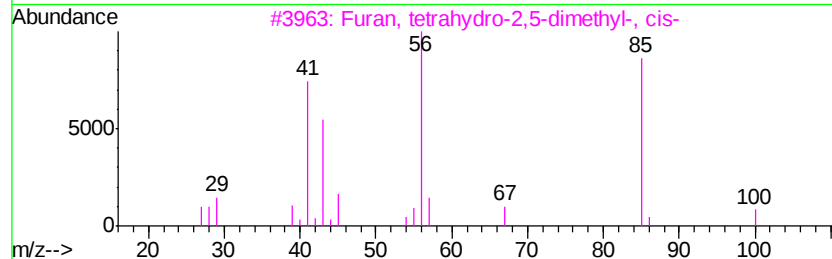
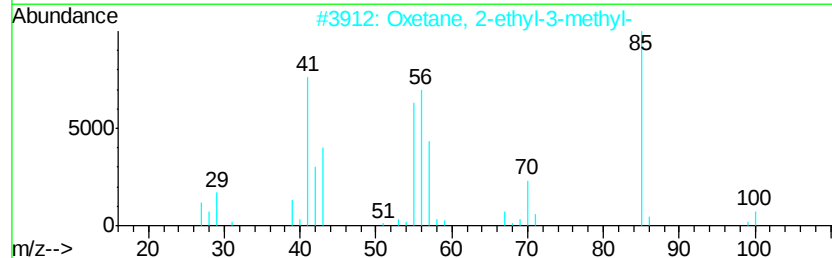
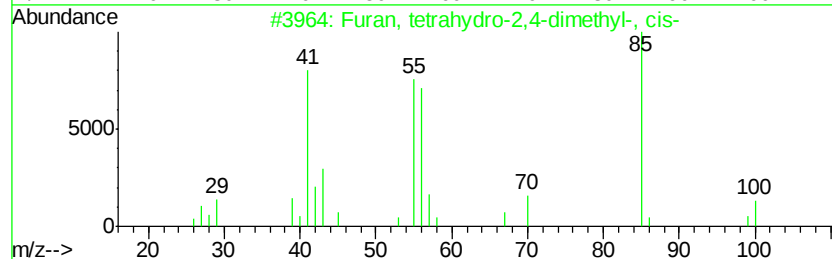
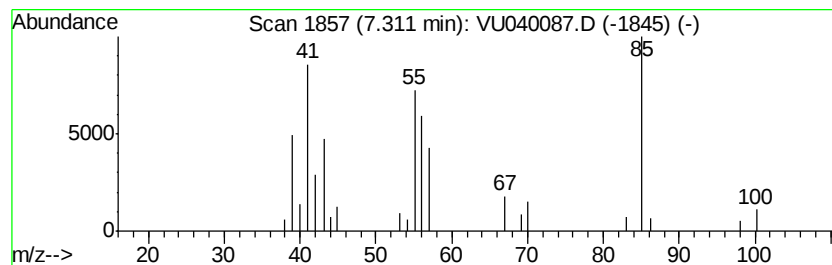
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Furan, tetrahydro-2,4-dimet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	0.50 ug/L	23713	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O		039168-01-9	58
2	Oxetane, 2-ethyl-3-methyl-	100	C6H12O		053778-62-4	58
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O		002144-41-4	49
4	Methacrylamide	85	C4H7NO		000079-39-0	47
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O		001003-38-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040087.D
Acq On : 10 Sep 2020 17:38
Operator : SY/MD
Sample : L3961-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y28

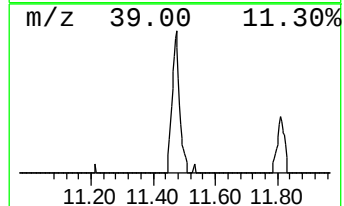
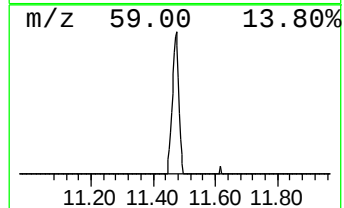
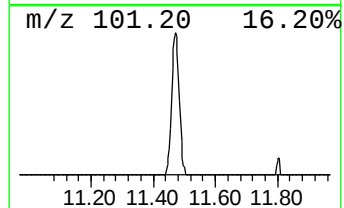
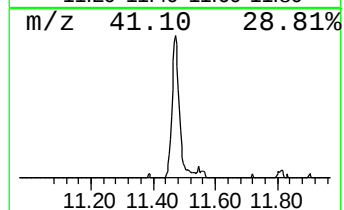
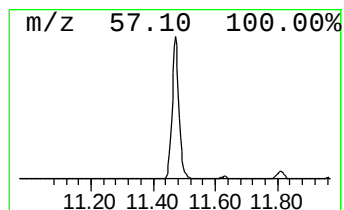
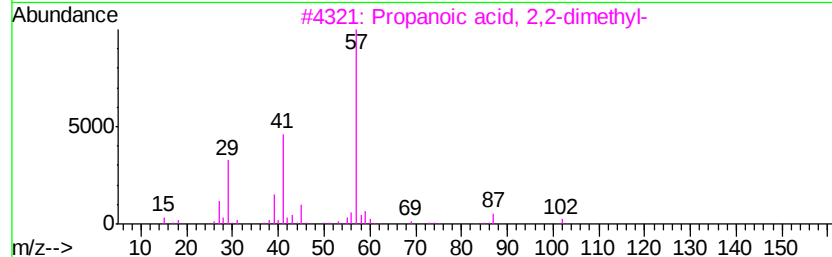
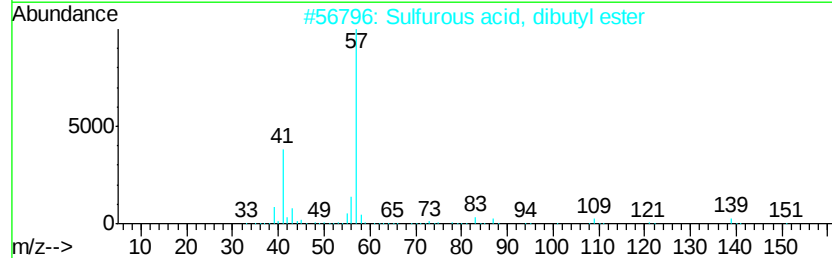
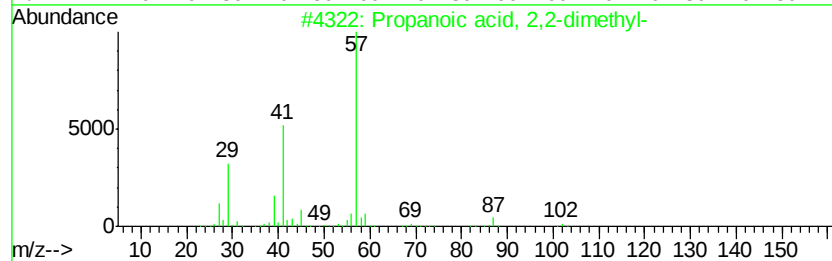
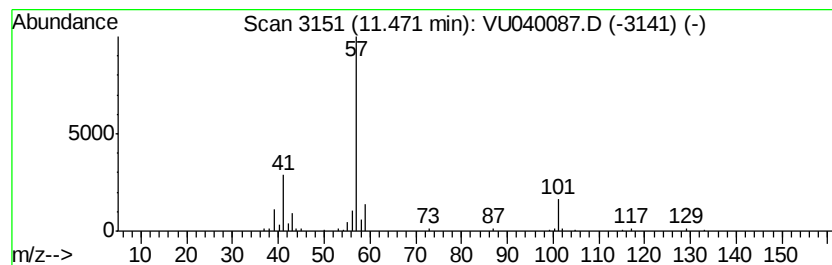
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.90 ug/L	48820	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	43
2		Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	38
3		Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	38
4		Ethynyl tert-butyl sulfoxide	130	C6H10OS	041463-34-7	33
5		Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040087.D
Acq On : 10 Sep 2020 17:38
Operator : SY/MD
Sample : L3961-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

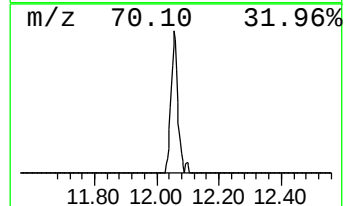
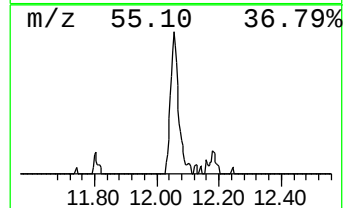
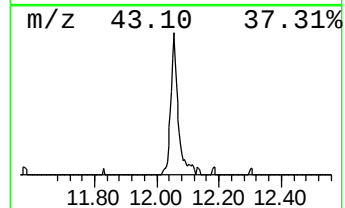
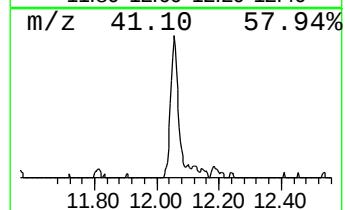
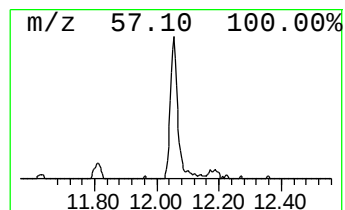
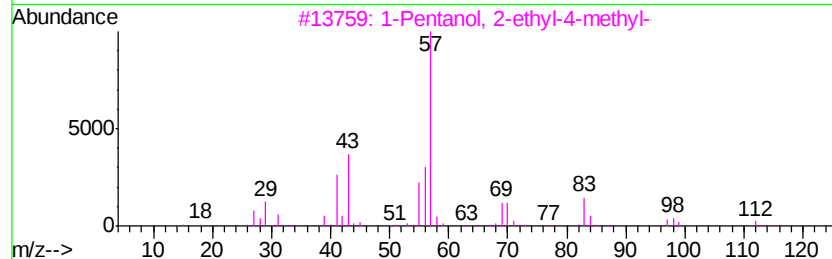
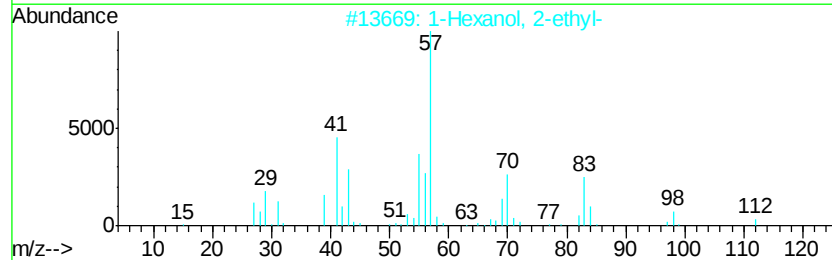
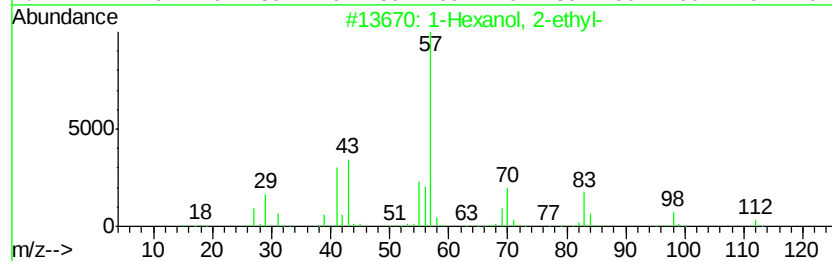
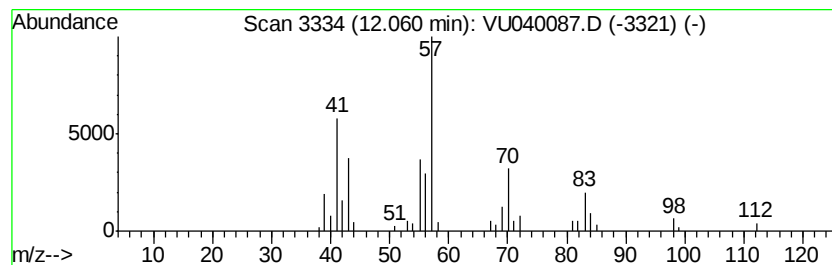
Instrument :
MSVOA_U
ClientSampleId :
F4Y28

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 9 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.06	0.84 ug/L	45547	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040087.D
Acq On : 10 Sep 2020 17:38
Operator : SY/MD
Sample : L3961-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y28

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	2.84	8.8	ug/L	419605	1	6.26	237122	5.0
Propane, 2-ethoxy...	4.52	2.0	ug/L	94446	1	6.26	237122	5.0
Ethyl Acetate	4.83	0.8	ug/L	38450	1	6.26	237122	5.0
Propane, 2-methyl...	5.60	0.8	ug/L	37708	1	6.26	237122	5.0
Acetic acid, cyan...	6.51	1.1	ug/L	51083	1	6.26	237122	5.0
Furan, tetrahydro...	7.31	0.5	ug/L	23713	1	6.26	237122	5.0
unknown-01	11.47	0.9	ug/L	48820	3	11.81	270509	5.0
1-Hexanol, 2-ethyl-	12.06	0.8	ug/L	45547	3	11.81	270509	5.0