LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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\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	1.362	3	7	17	rVB3	12484	12436	2.57%	0.174%
2	1.494	42	48	55	rVB	21533	21148	4.37%	0.296%
3	1.604	71	82	94	rBV2	62774	112664	23.29%	1.575%
4	1.662	95	100	107	rVB5	4225	4954	1.02%	0.069%
5	1.739	108	124	126	rBV6	38024	73317	15.16%	1.025%
6	1.922	176	181	188	rVB	35335	41250	8.53%	0.577%
7	2.581	375	386	398	rBV	79047	128477	26.56%	1.796%
8	2.658	398	410	430	rBV2	22040	61035	12.62%	0.853%
9	2.832	443	464	467	rBV2	61195	154645	31.97%	2.162%
10	3.150	546	563	572	rBV6	5631	16536	3.42%	0.231%
11	3.237	574	590	615	rVV4	17198	69474	14.36%	0.971%
12	3.382	622	635	653	rVB2	43748	107625	22.25%	1.504%
13	3.890	772	793	815	rVV2	154556	370346	76.56%	5.177%
14	4.015	815	832	850	rVB3	12986	35487	7.34%	0.496%
15	4.523	972	990	1009	rBV4	55132	141354	29.22%	1.976%
16	4.652	1014	1030	1053	rBV2	58786	171801	35.52%	2.402%
17	4.825	1071	1084	1106	rVB2	22932	52328	10.82%	0.731%
18	5.083	1148	1164	1177	rBV2	71434	155824	32.21%	2.178%
19	5.144	1178	1183	1197	rVB3	11152	21707	4.49%	0.303%
20	5.597	1309	1324	1344	rBV2	62418	135563	28.02%	1.895%
21	5.742	1348	1369	1380	rBV3	134773	354079	73.20%	4.950%
22	5.809	1381	1390	1411	rVB	84373	176613	36.51%	2.469%
23	6.263	1517	1531	1554	rBV	147517	318783	65.90%	4.456%
24	6.510	1590	1608	1625	rBV	243200	482741	99.79%	6.748%
25	6.703	1653	1668	1682	rBV	87133	168976	34.93%	2.362%
26	6.774	1682	1690	1693	rBV4	5519	6706	1.39%	0.094%
27	7.166	1798	1812	1822	rBV2	32841	63360	13.10%	0.886%
28	7.224	1823	1830	1845	rVV4	18946	36636	7.57%	0.512%
29	7.308	1845	1856	1872	rVB2	38354	70601	14.59%	0.987%
30	7.472	1891	1907	1928	rBV	258351	483738	100.00%	6.762%
31	7.574	1928	1939	1954	rVB3	44225	78537	16.24%	1.098%
32	7.722	1967	1985	2001	rVB4	69927	146401	30.26%	2.046%
33	7.906	2014	2042	2059	rBV2	166182	405745	83.88%	5.672%
34	8.073	2085	2094	2107	rBV	9702	17086	3.53%	0.239%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

35	8.185	2109	2129	2143	rBV4	31304	66932	13.84%	0.936%
36	8.272	2147	2156	2160	rVV4	3466	6247	1.29%	0.087%
37	8.314	2160	2169	2185	rVB2	16487	28947	5.98%	0.405%
38	8.430	2193	2205	2217	rBV2	30584	53668	11.09%	0.750%
39	8.507	2217	2229	2248	rVB3	23712	47235	9.76%	0.660%
40	8.639	2257	2270	2303	rBV	240015	430701	89.04%	6.021%
41	8.777	2306	2313	2327	rVB7	4969	10891	2.25%	0.152%
42	8.931	2353	2361	2368	rBV3	5307	9551	1.97%	0.134%
43	9.102	2402	2414	2416	rBV6	8536	13523	2.80%	0.189%
44	9.346	2479	2490	2500	rBV3	14503	24672	5.10%	0.345%
45	9.420	2500	2513	2536	rBV	217360	365889	75.64%	5.115%
46	9.520	2537	2544	2553	rVB7	5430	7971	1.65%	0.111%
47	9.590	2553	2566	2574	rBV6	8854	16601	3.43%	0.232%
48	9.677	2585	2593	2603	rVB10	7706	14365	2.97%	0.201%
49	9.767	2605	2621	2633	rBV5	21457	55276	11.43%	0.773%
50	9.877	2647	2655	2668	rVB8	2659	5124	1.06%	0.072%
51	10.304	2777	2788	2796	rBV6	2934	5854	1.21%	0.082%
52	10.410	2812	2821	2830	rVB2	12666	19267	3.98%	0.269%
53	10.520	2846	2855	2869	rBV8	5582	10709	2.21%	0.150%
54	10.648	2884	2895	2902	rBV7	3149	5943	1.23%	0.083%
55	10.754	2918	2928	2942	rVB	68837	111467	23.04%	1.558%
56	10.877	2951	2966	2976	rBV8	4045	8486	1.75%	0.119%
57	11.471	3139	3151	3171	rBV	288184	459640	95.02%	6.425%
58	11.806	3242	3255	3270	rVB	227555	363600	75.16%	5.083%
59	12.057	3322	3333	3353	rBV2	28903	50103	10.36%	0.700%
60	12.188	3362	3374	3386	rVB	164531	263184	54.41%	3.679%

Sum of corrected areas: 7153819

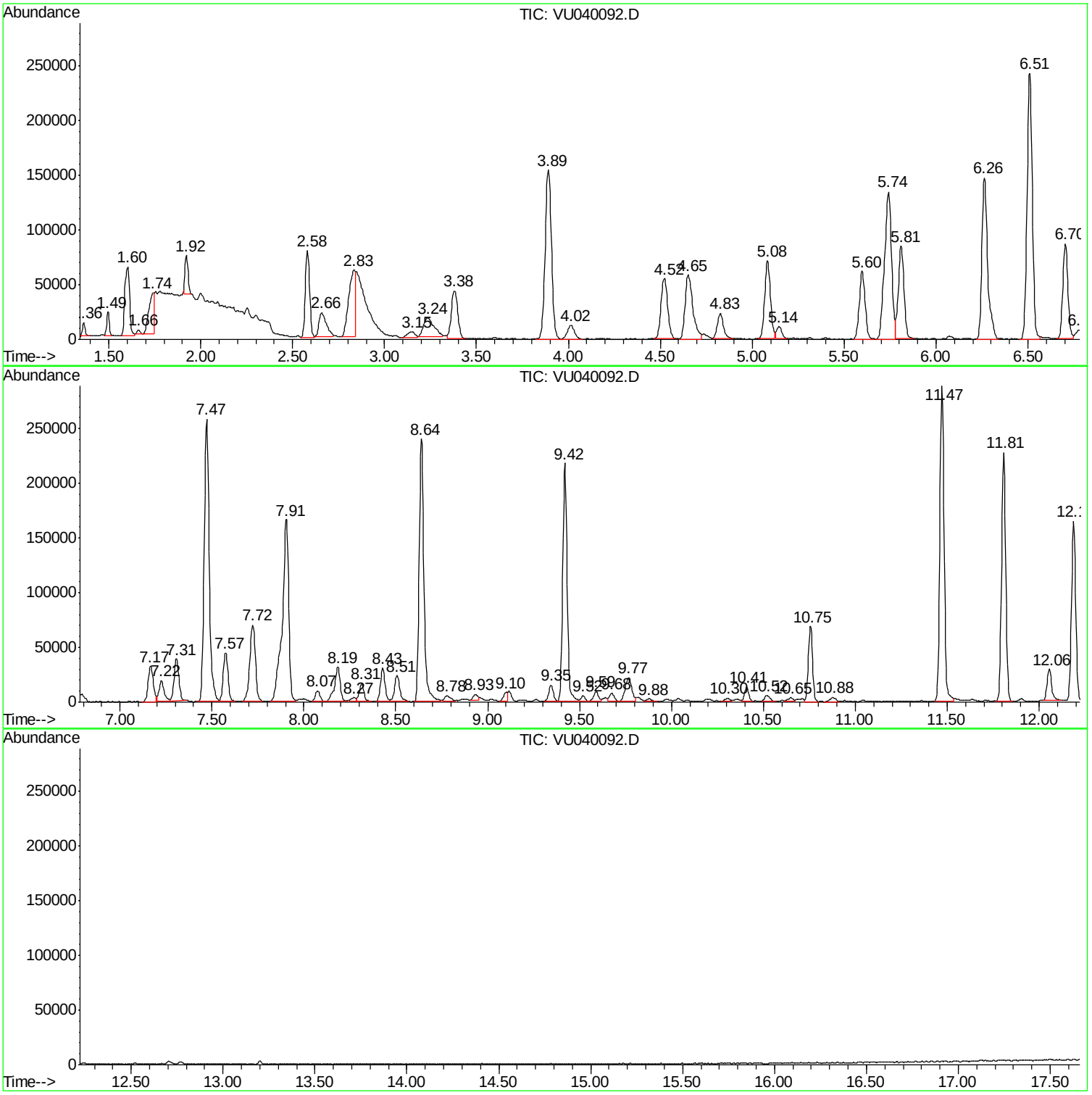
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

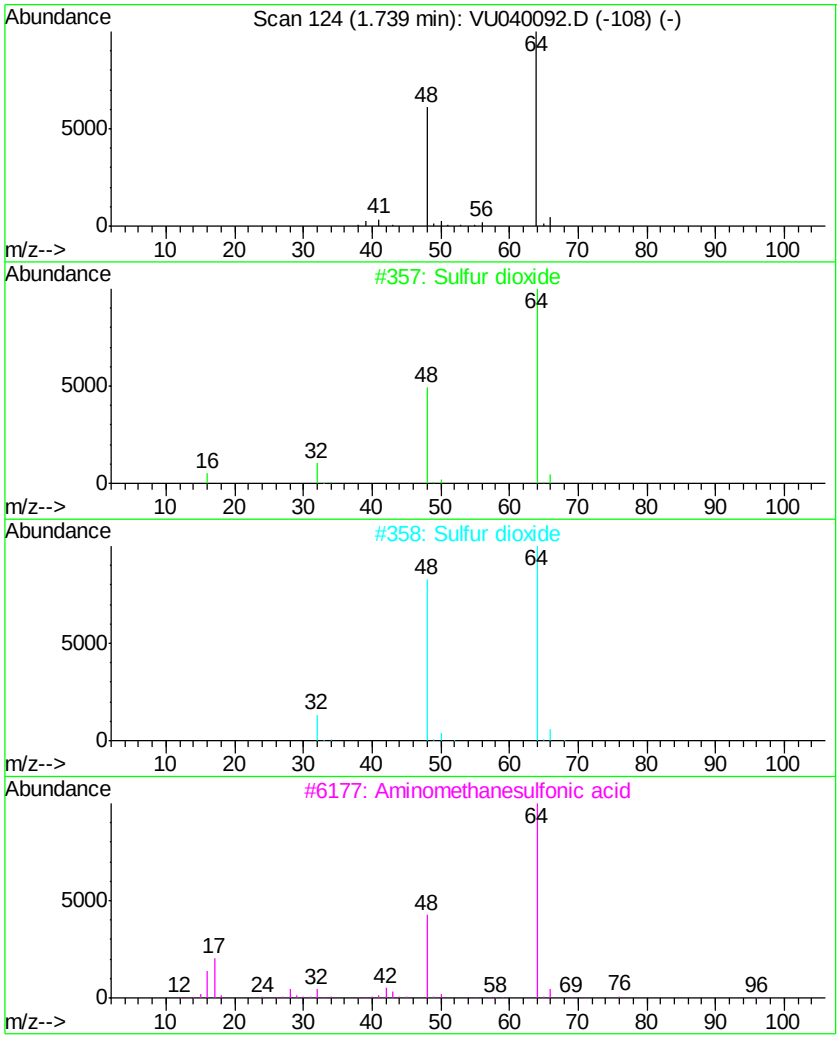
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

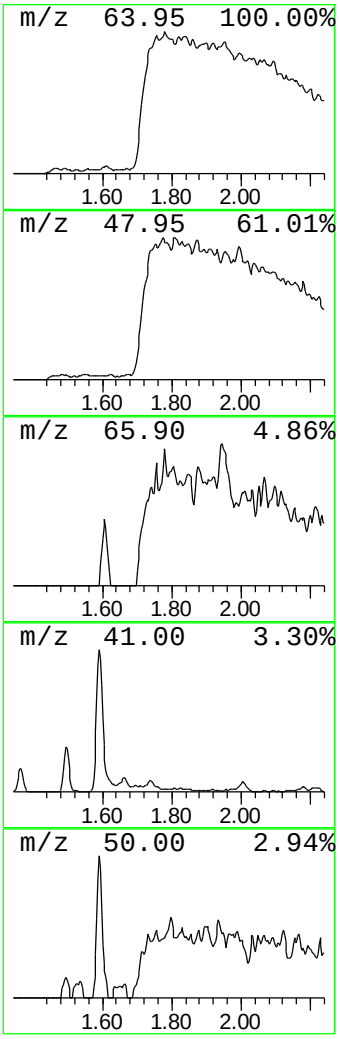
****

Peak Number 1 Sulfur dioxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	1.15 ug/L	73317	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

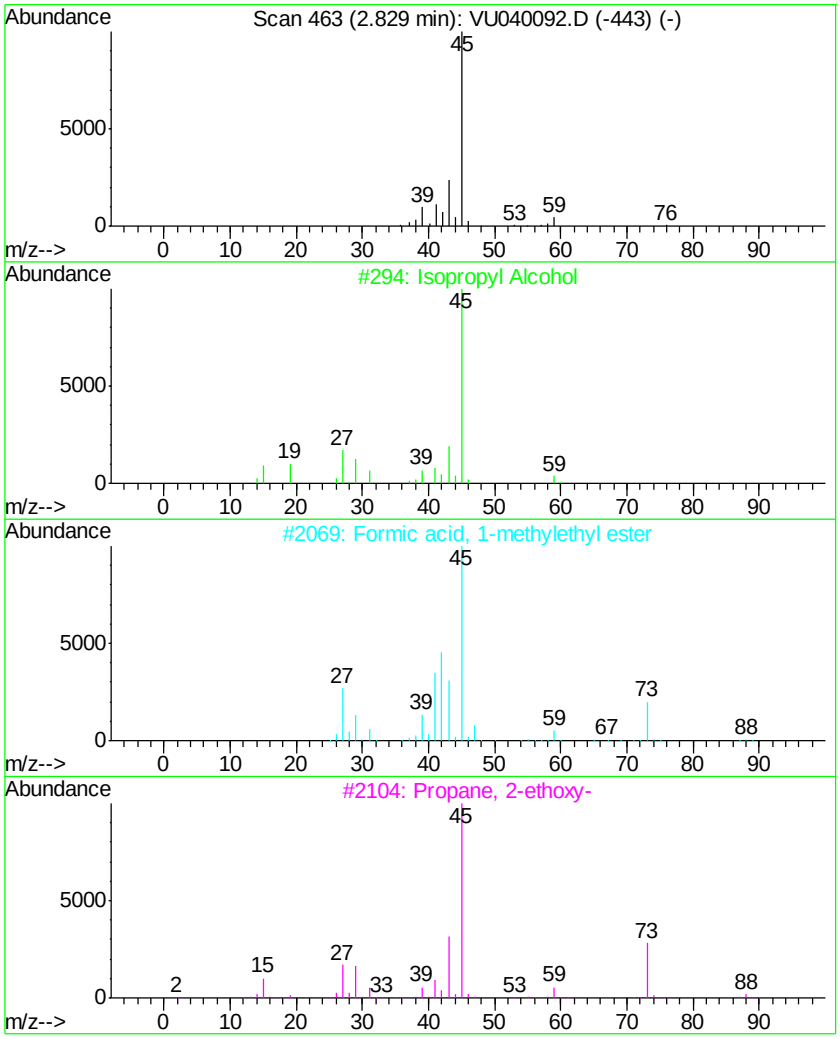
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

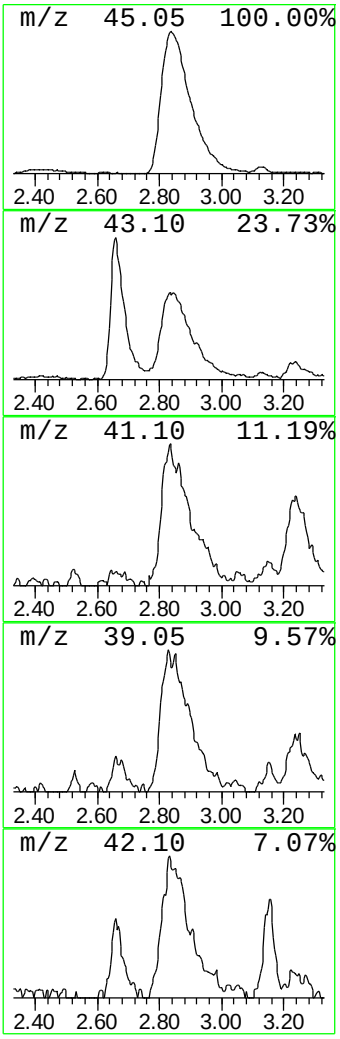
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	2.43 ug/L	154645	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

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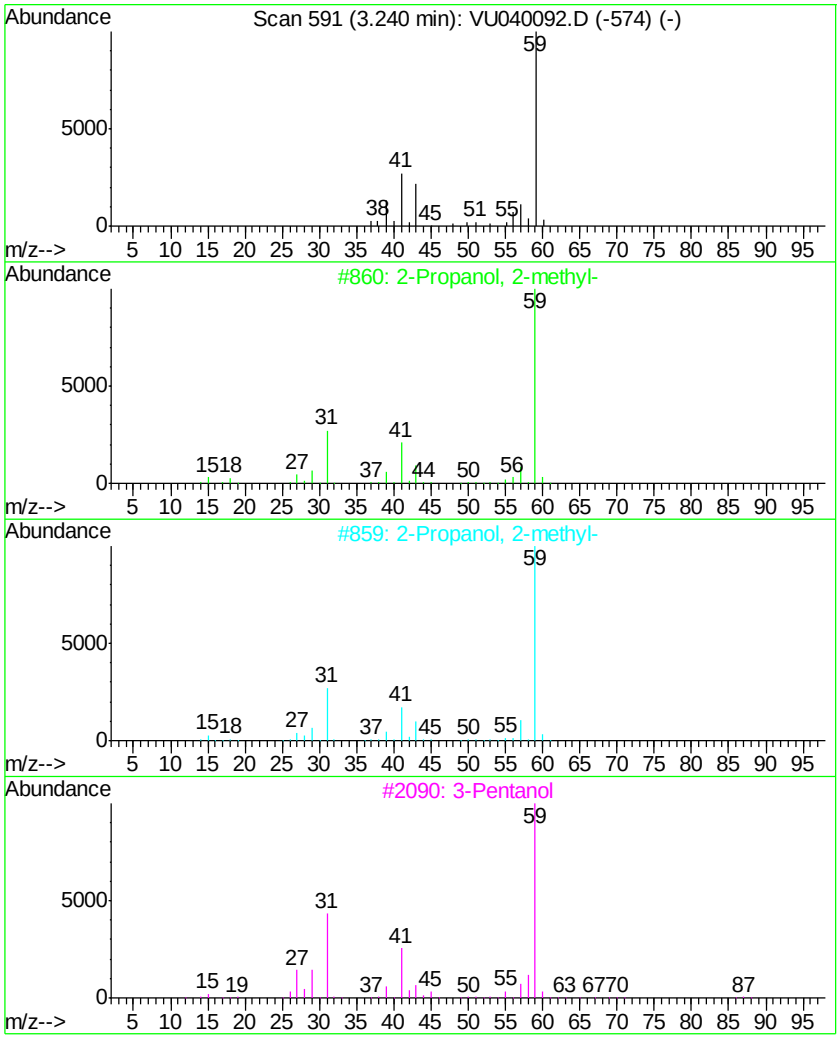
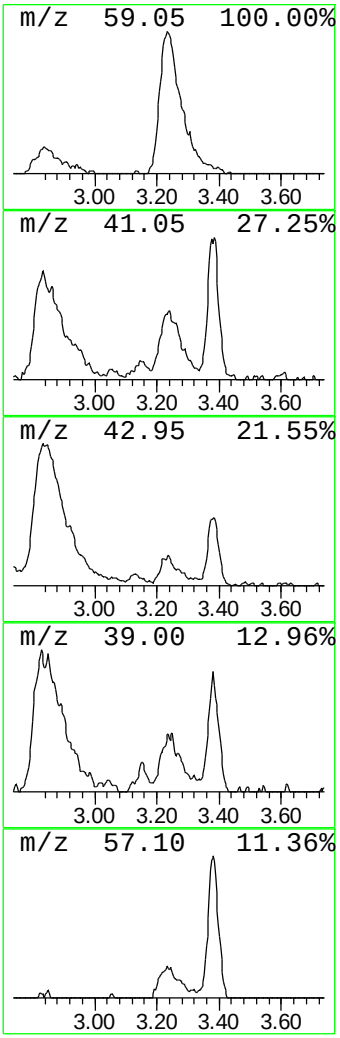
Peak Number 3 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	1.09 ug/L	69474	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
3	3-Pentanol	88	C5H12O	000584-02-1	4
4	1,2-Butanediol	90	C4H10O2	000584-03-2	4
5	1,2-Butanediol	90	C4H10O2	000584-03-2	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

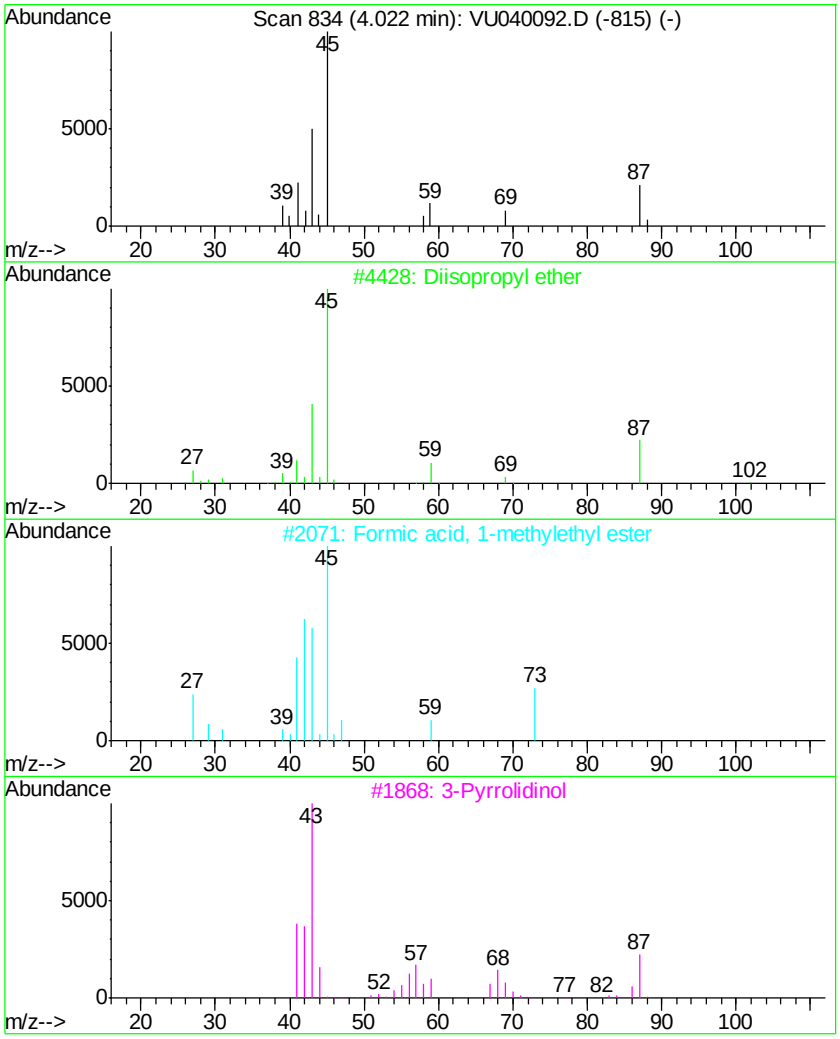
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

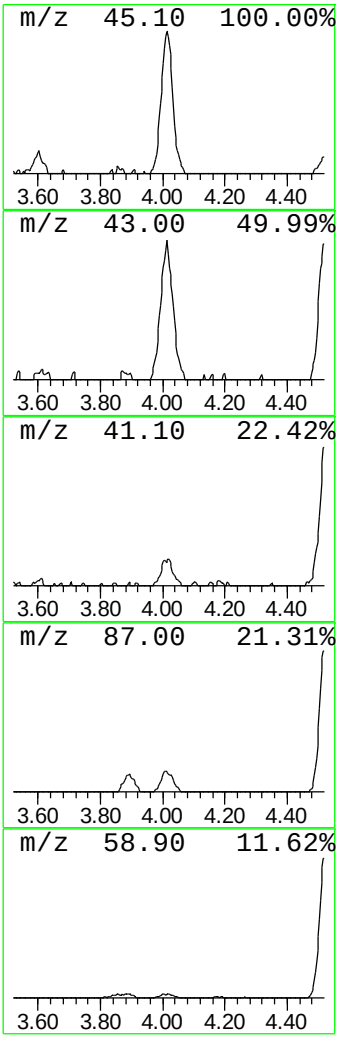
****

Peak Number 4 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.56 ug/L	35487	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	43
2	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	38
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	9
5	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

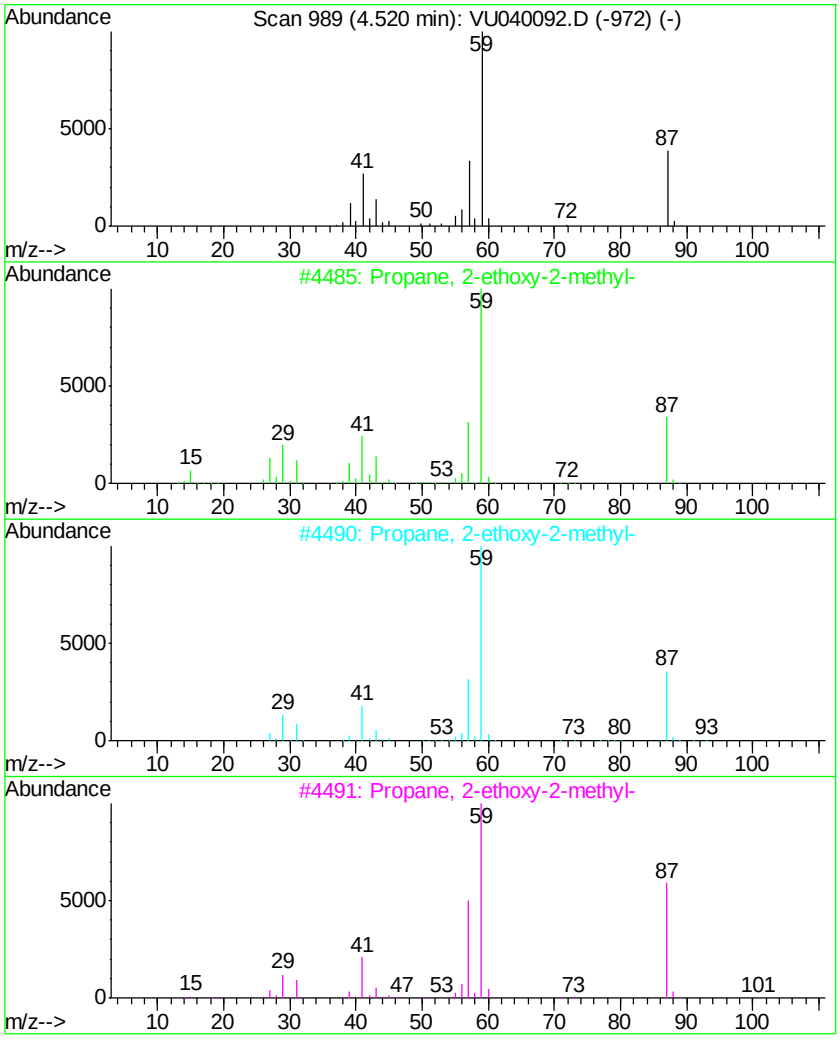
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

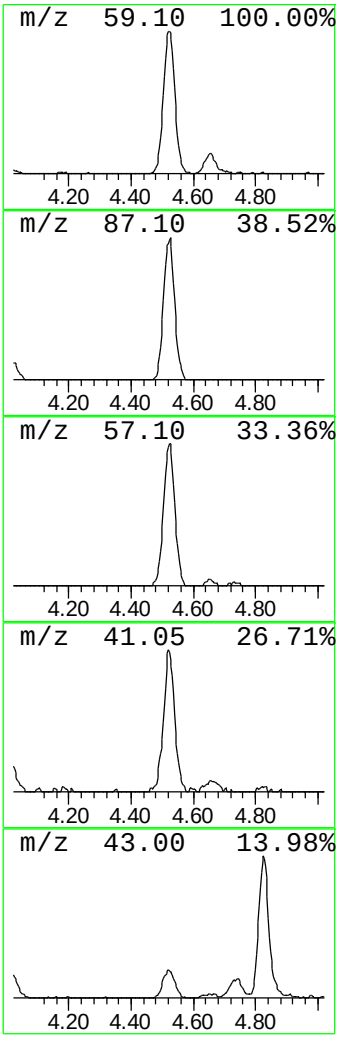
****

Peak Number 5 Propane, 2-ethoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.22 ug/L	141354	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	Propanamide, 2-methoxy-N-methyl-	117	C5H11NO2	1000196-12-6	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

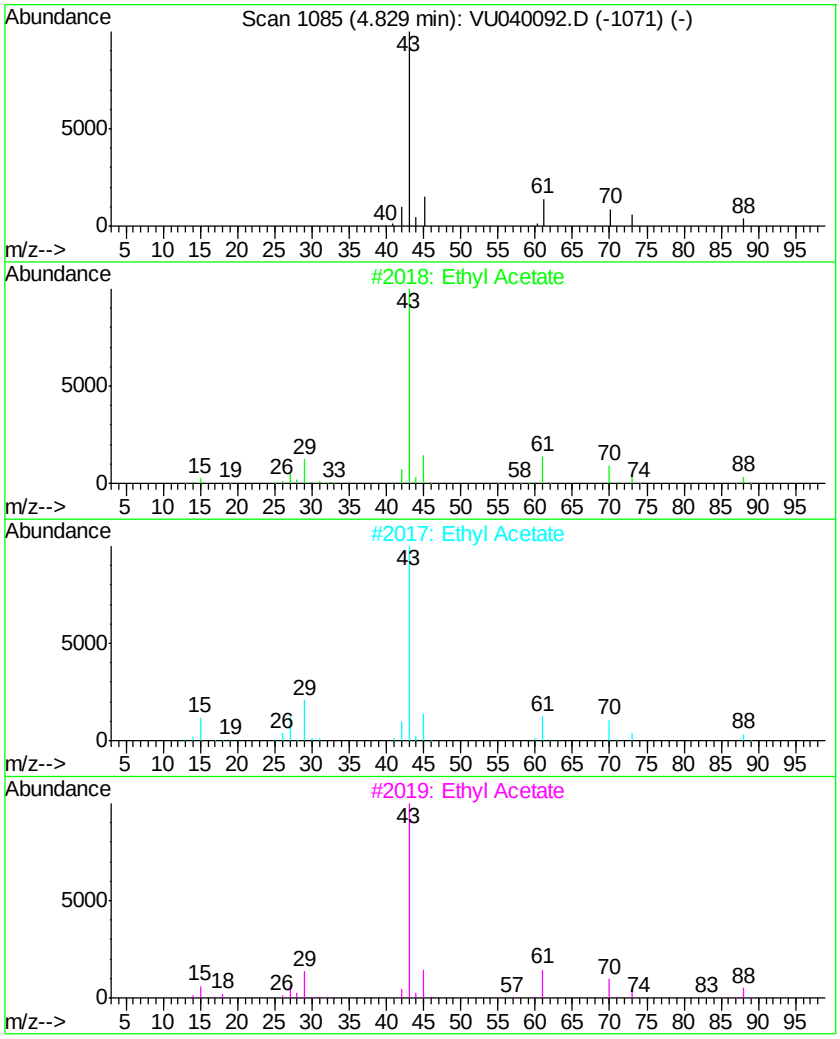
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

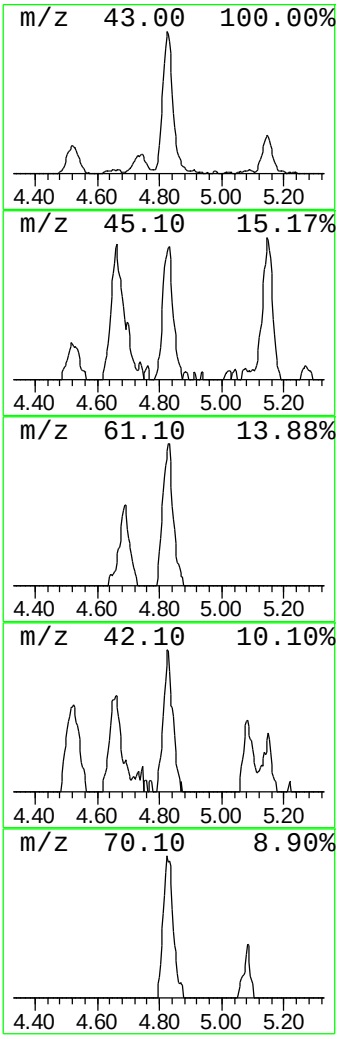
****

Peak Number 6 Ethyl Acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.82 ug/L	52328	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	78
4	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	72
5	Ethyl Acetate	88	C4H8O2	000141-78-6	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

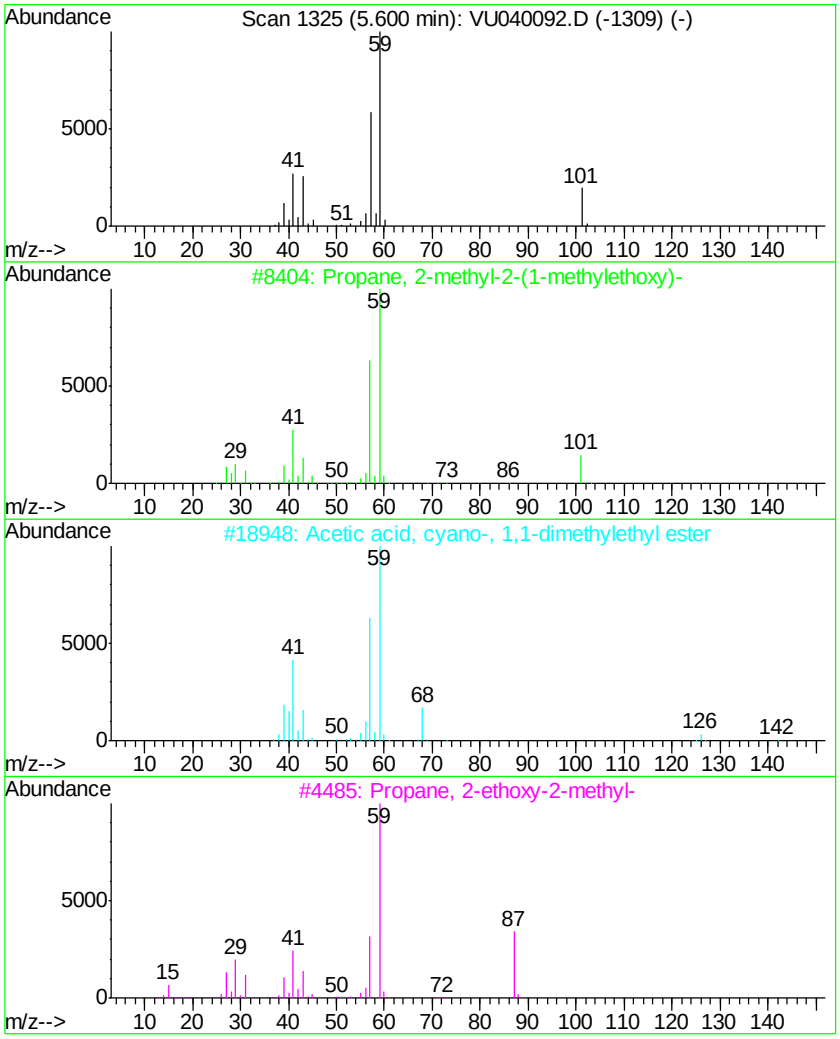
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

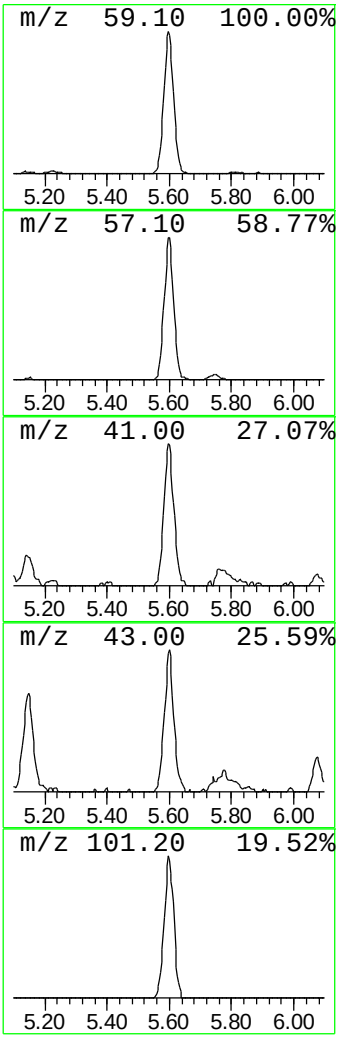
****

Peak Number 7 Propane, 2-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	2.13 ug/L	135563	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	78
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	45
4	3-Octanol	130	C8H18O	000589-98-0	43
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

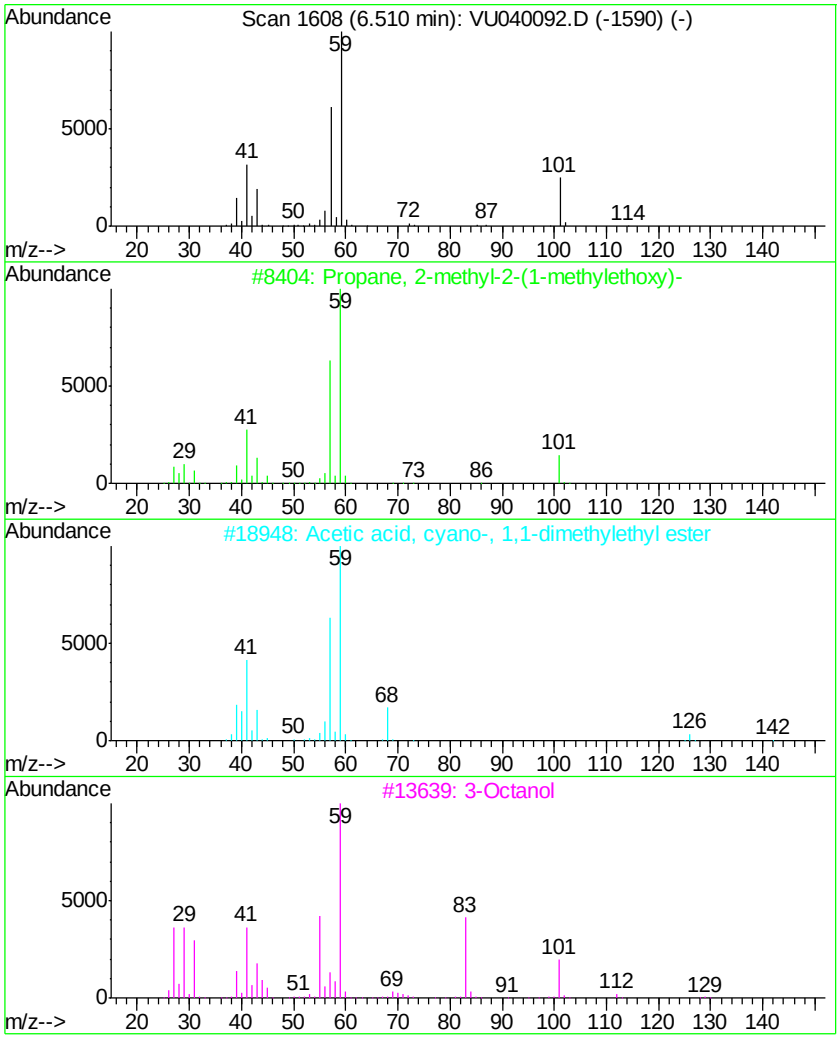
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

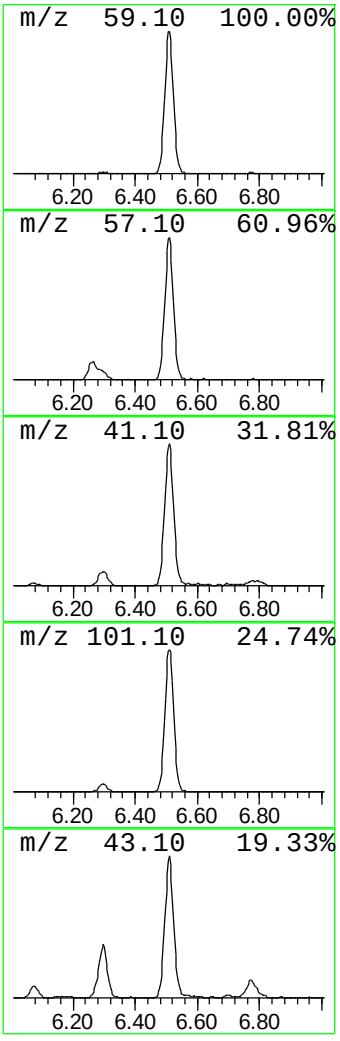
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Acetic acid, cyano-, 1,1-di... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	7.57 ug/L	482741	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	78
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
3	3-Octanol	130	C8H18O	000589-98-0	64
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

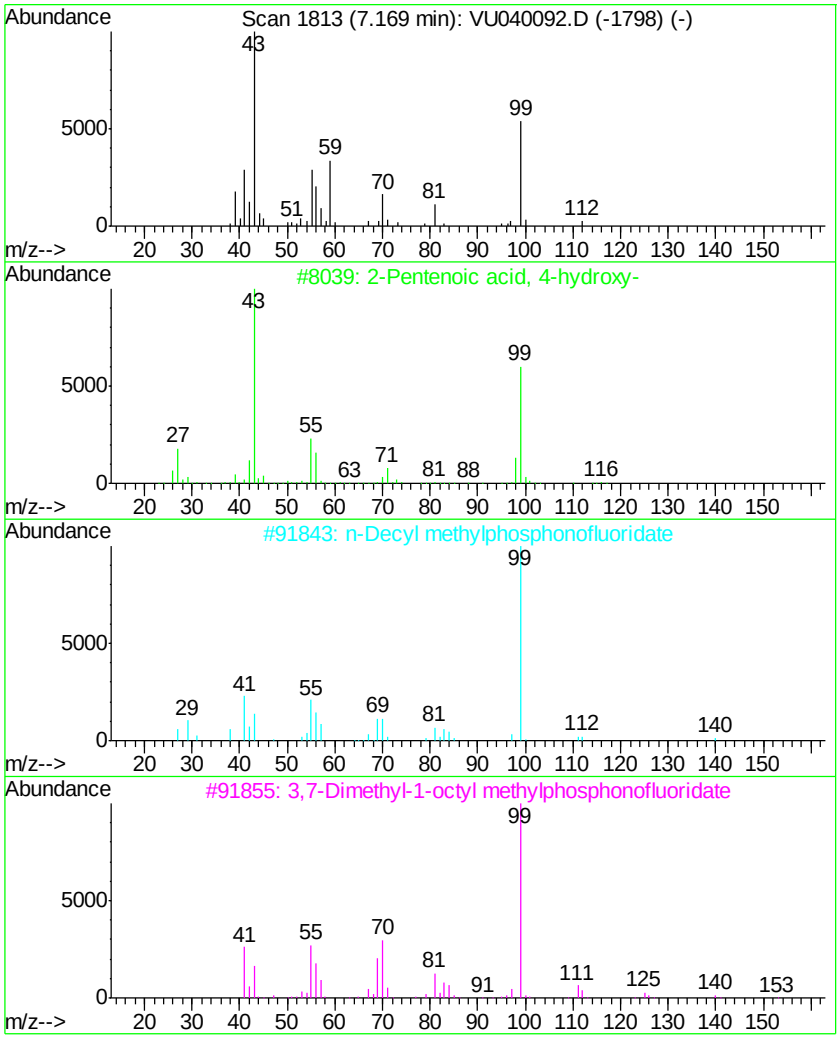
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

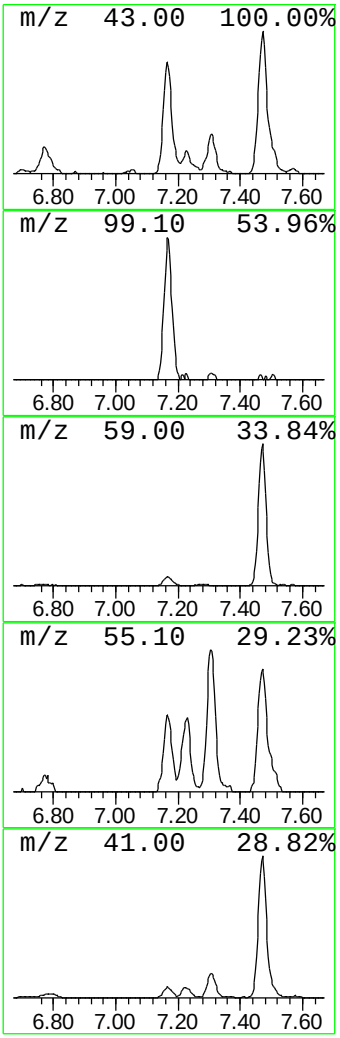
****

Peak Number 9 2-Pentenoic acid, 4-hydroxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	0.99 ug/L	63360	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 4-hydroxy-	116	C5H8O3	028525-83-9	50
2	n-Decyl methylphosphonofluoridate	238	C11H24FO2P	193090-25-4	47
3	3,7-Dimethyl-1-octyl methylphosp...	238	C11H24FO2P	345260-82-4	43
4	Phosphonofluoridic acid, methyl-...	224	C10H22FO2P	211192-74-4	38
5	Phosphonofluoridic acid, methyl-...	210	C9H20FO2P	144313-52-0	38





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Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

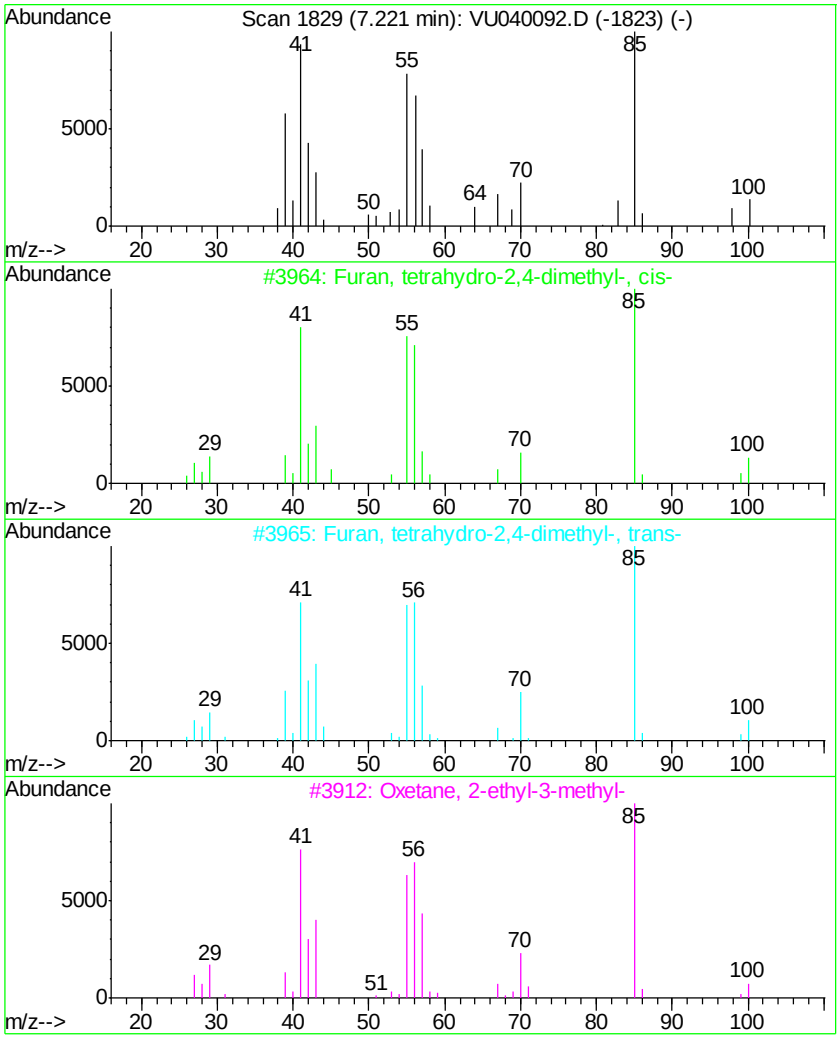
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

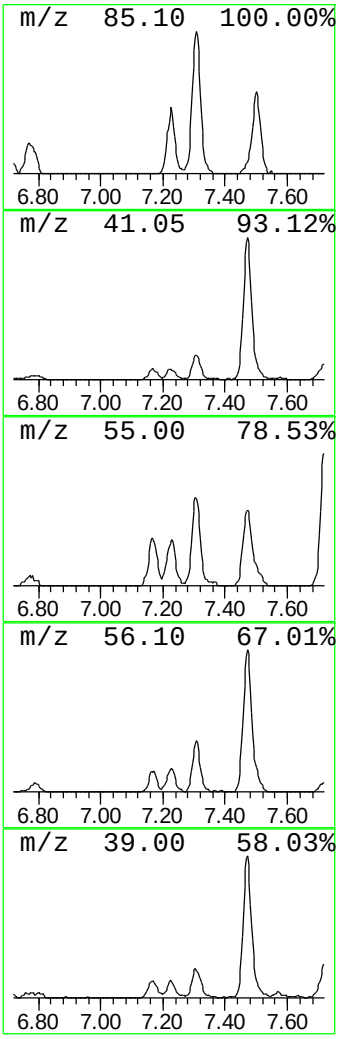
****

Peak Number 10 Furan, tetrahydro-2,4-dimet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	0.57 ug/L	36636	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	70
2	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	62
3	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	53
4	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	52
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	50





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Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

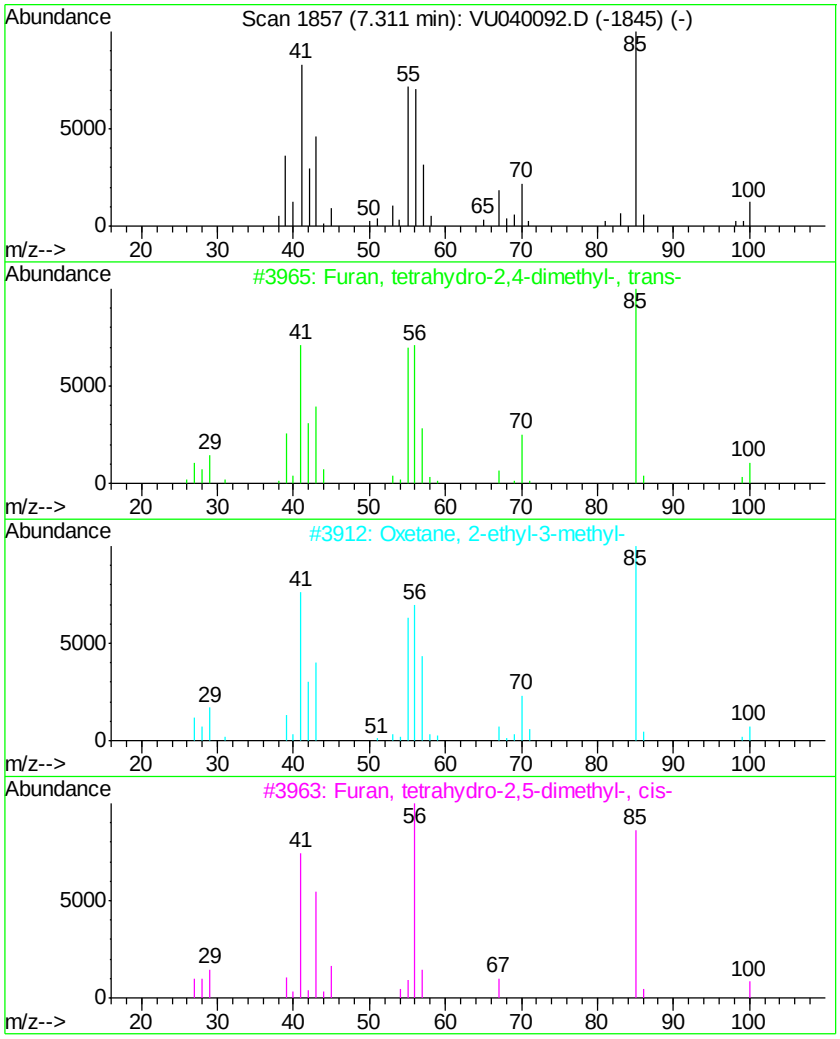
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

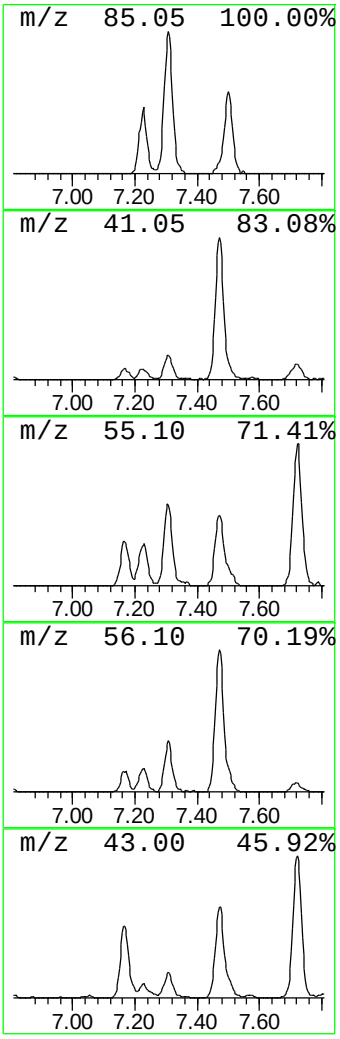
****

Peak Number 11 Furan, tetrahydro-2,4-dimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	1.11 ug/L	70601	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	87
2	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	87
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	50
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	50
5	3-Methoxy-3-methyl-1-pentene	114	C7H14O	1000279-61-1	43





Library Search Compound Report

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Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

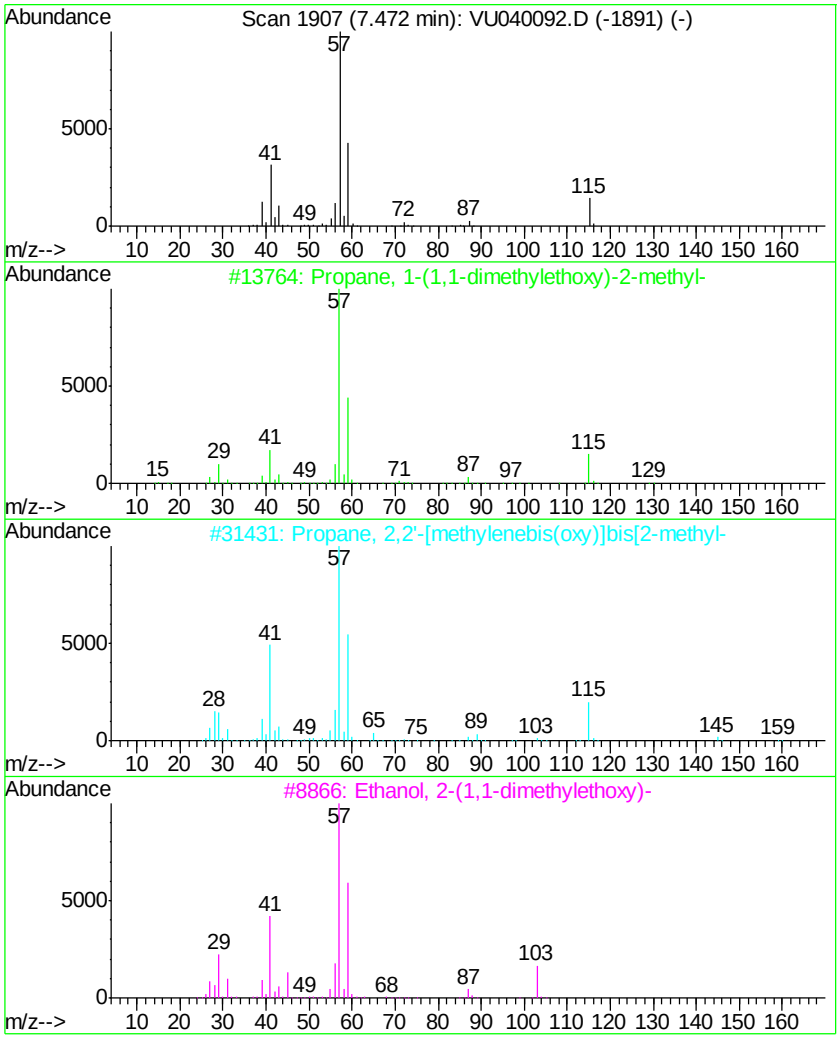
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

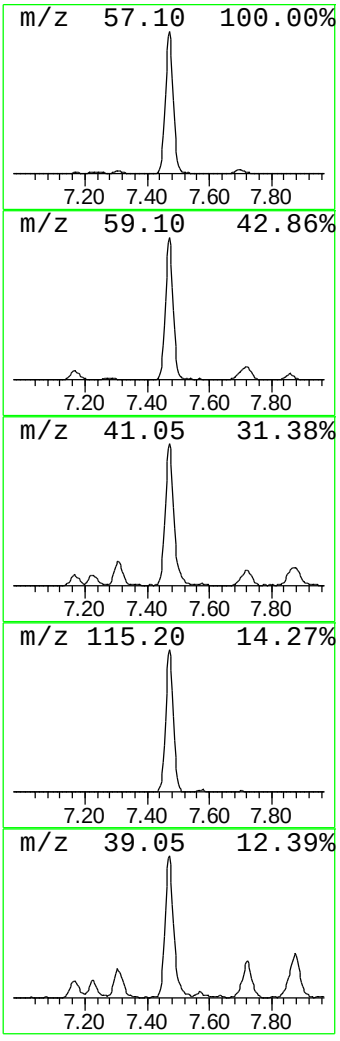
****

Peak Number 12 Propane, 1-(1,1-dimethyleth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.59 ug/L	483738	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	83
2	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	83
3	Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	45
4	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	38
5	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	33





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Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

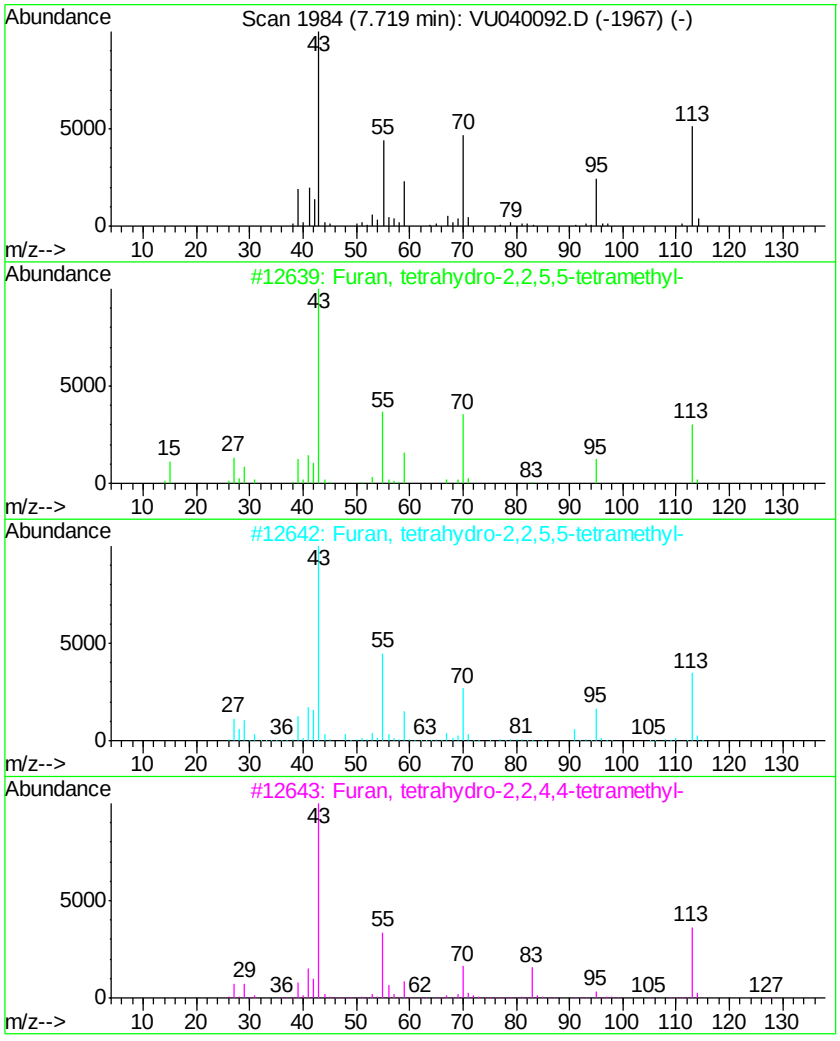
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

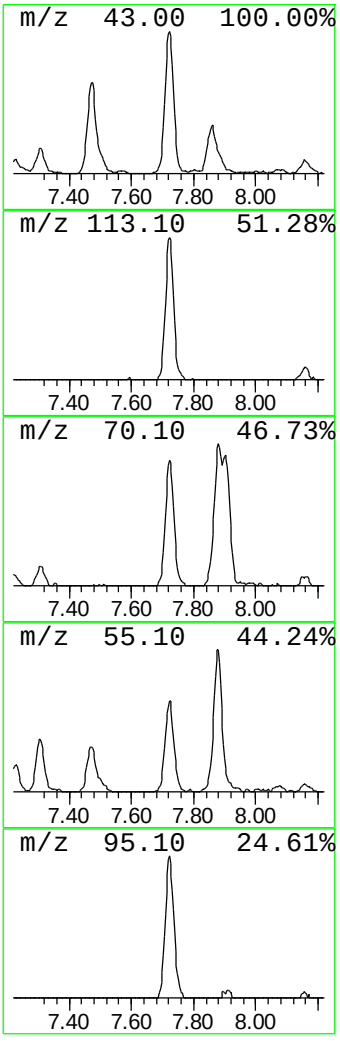
****

Peak Number 14 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.30 ug/L	146401	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	72
3	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	53
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	50
5	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	50





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Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

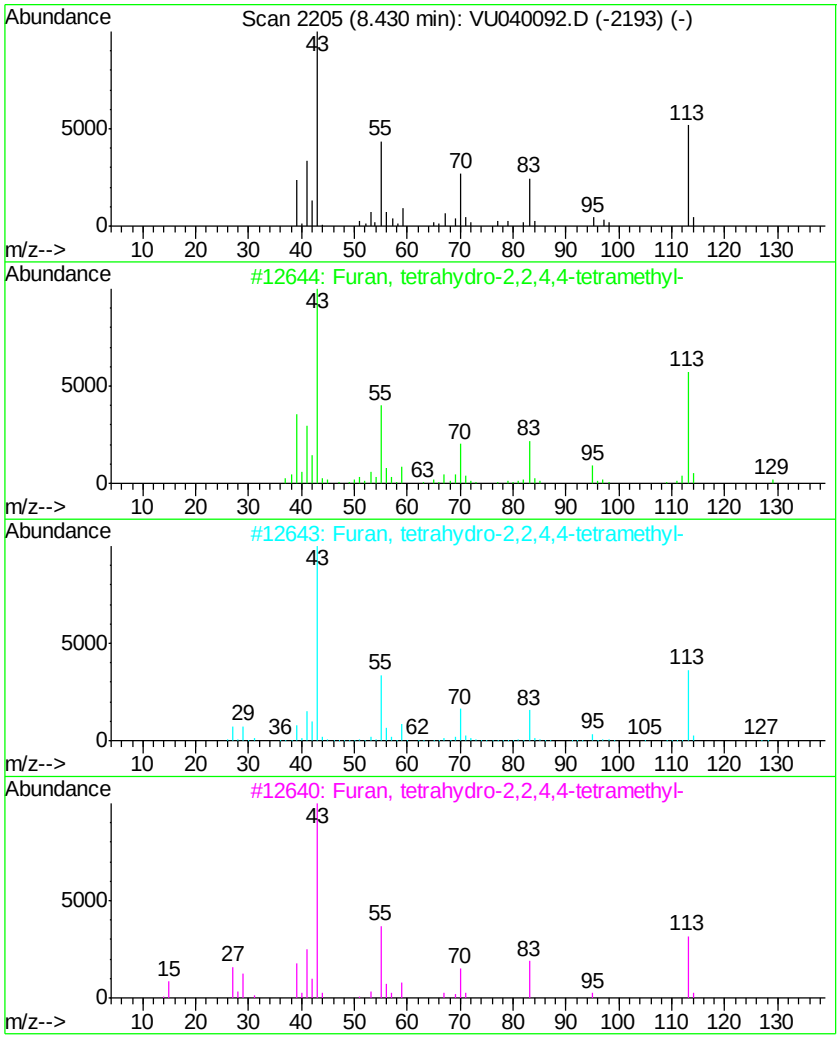
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

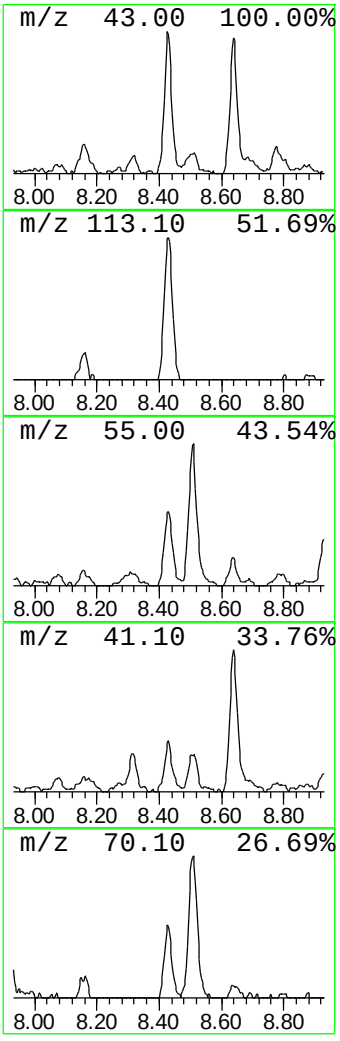
****

Peak Number 15 Furan, tetrahydro-2,2,4,4-t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	0.73 ug/L	53668	Chlorobenzene-d5	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	72
2	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	72
3	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	59
4	Ethosuximide	141	C7H11NO2	000077-67-8	47
5	Ethosuximide	141	C7H11NO2	000077-67-8	47





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Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

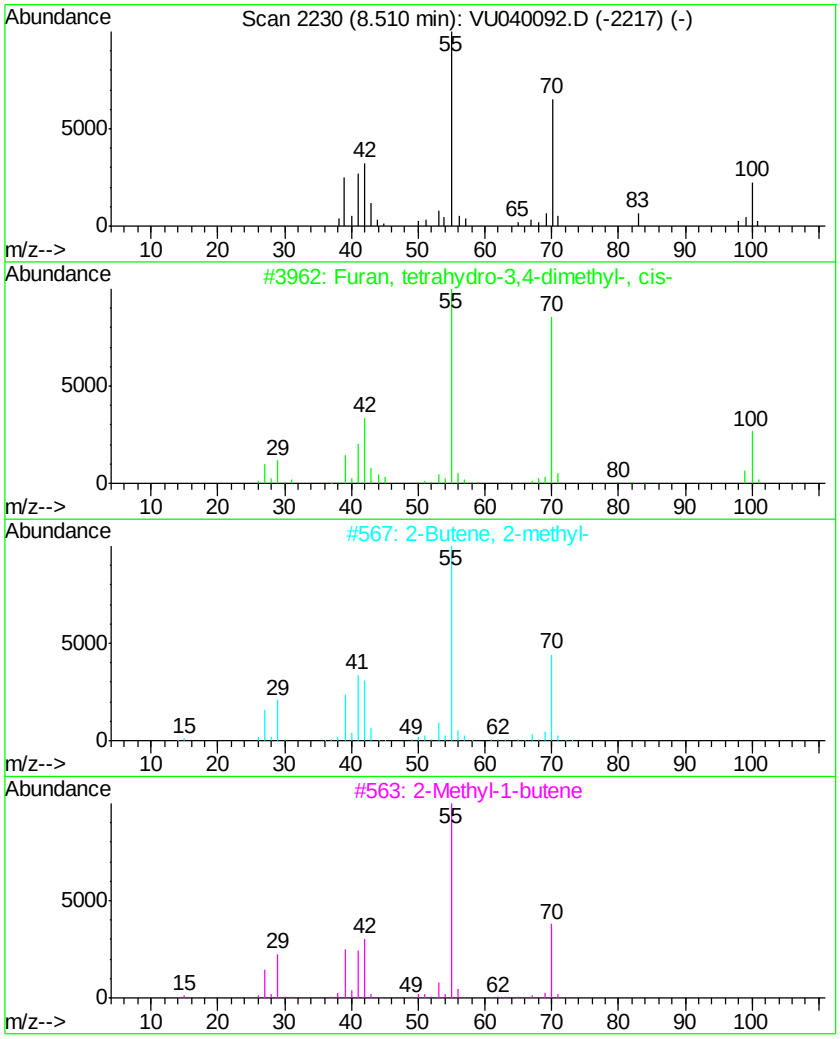
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

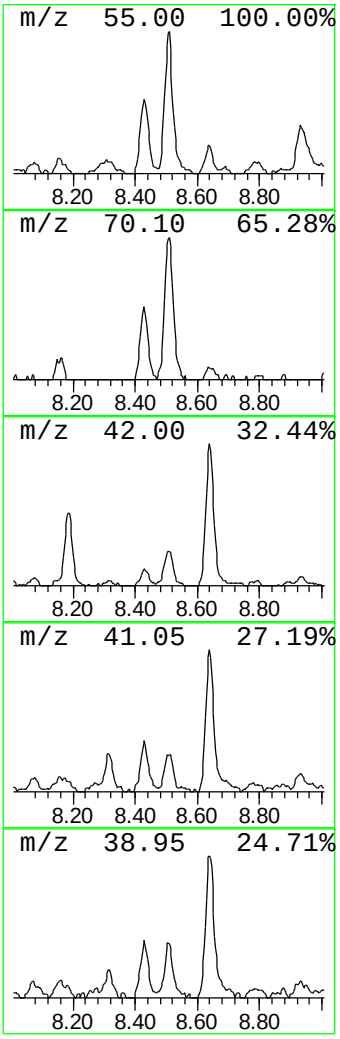
****

Peak Number 16 Furan, tetrahydro-3,4-dimet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	0.65 ug/L	47235	Chlorobenzene-d5	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-3,4-dimethyl-,...	100	C6H12O	027953-97-5	87
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	62
3	2-Methyl-1-butene	70	C5H10	000563-46-2	58
4	2-Pentene, (E)-	70	C5H10	000646-04-8	58
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	58





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Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

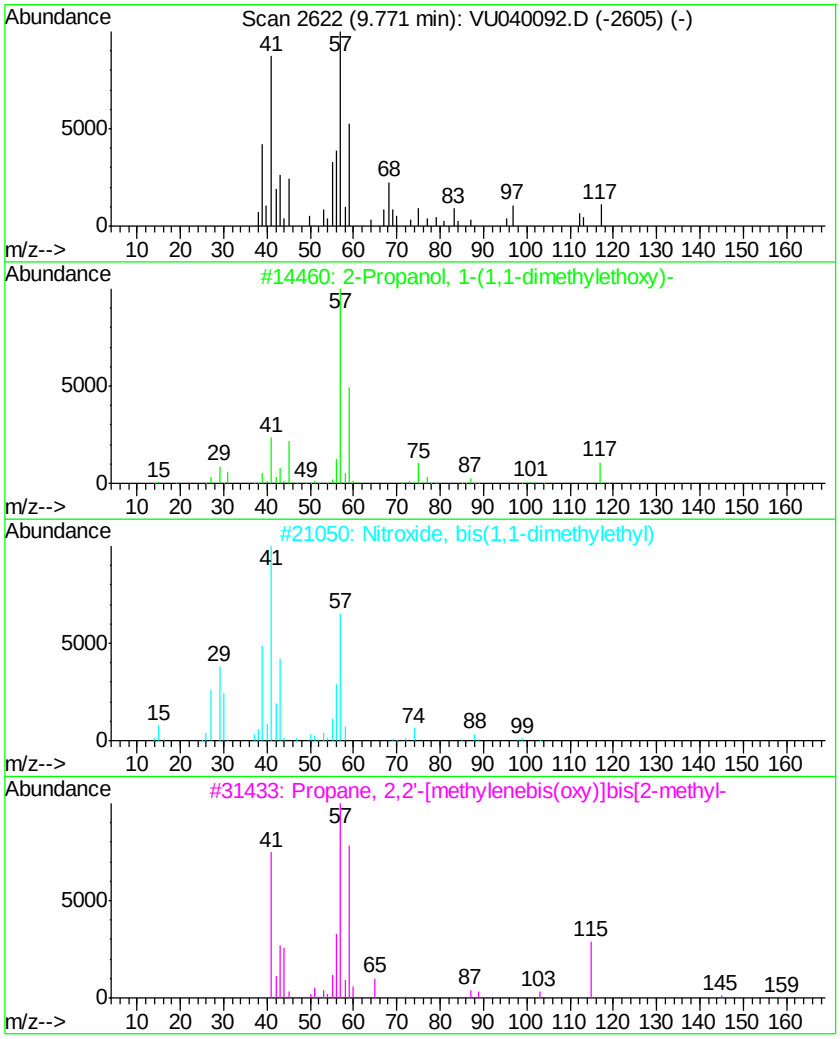
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

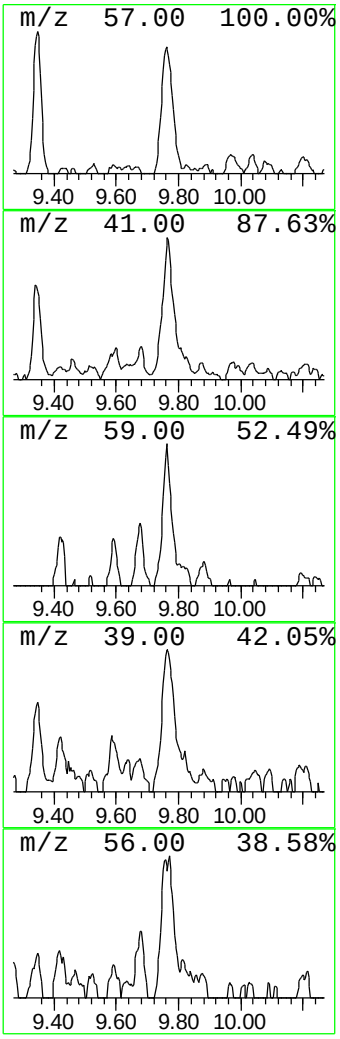
****

Peak Number 17 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	0.76 ug/L	55276	Chlorobenzene-d5	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(1,1-dimethylethoxy)-	132	C7H16O2	057018-52-7	43
2	Nitroxide, bis(1,1-dimethylethyl)	144	C8H18NO	002406-25-9	35
3	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	28
4	1-tert-Butoxy-2-methoxyethane	132	C7H16O2	066728-50-5	25
5	2-Butene	56	C4H8	000107-01-7	22





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Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

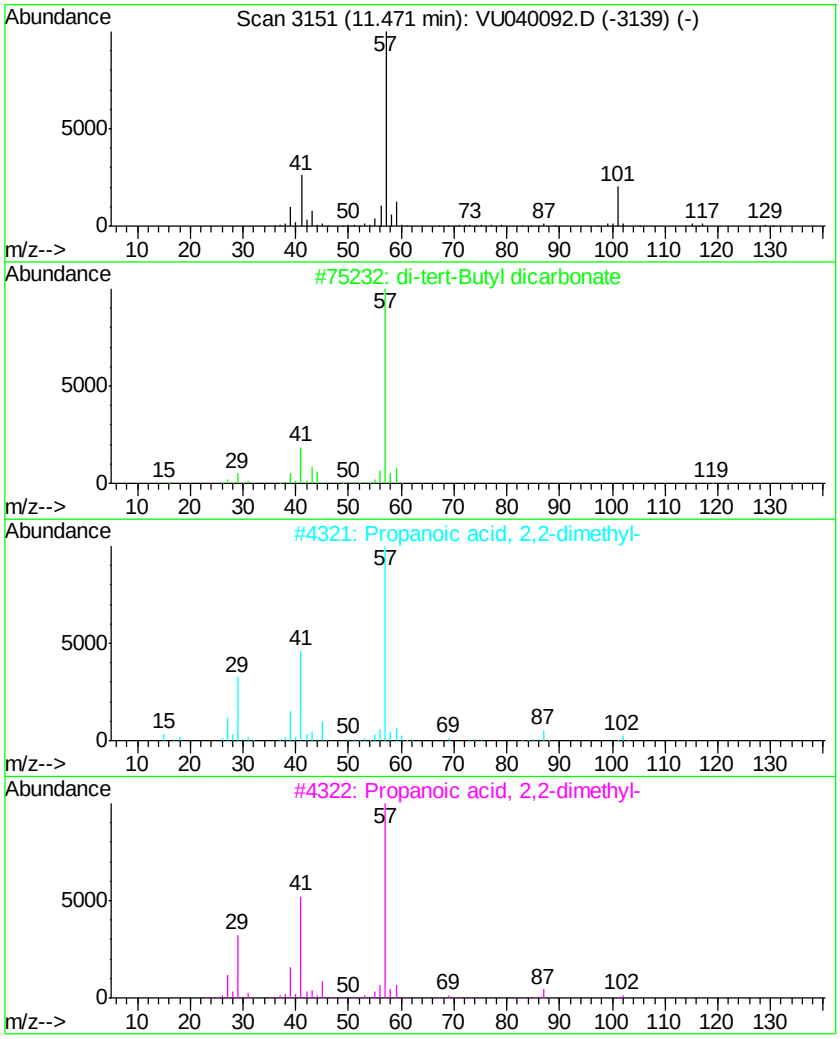
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

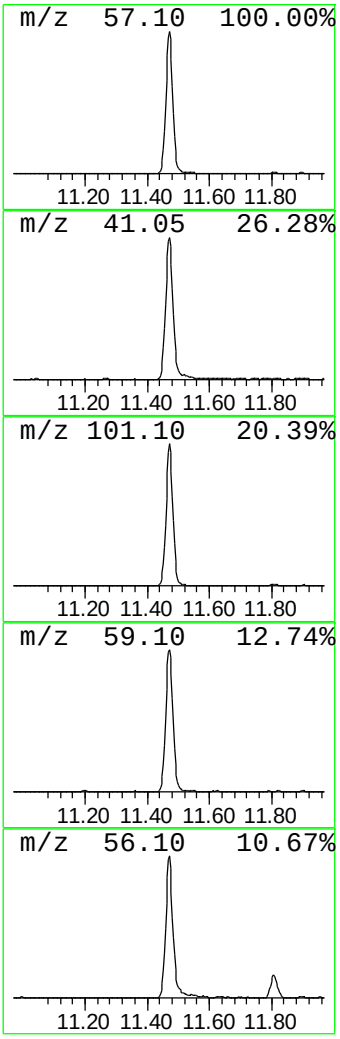
****

Peak Number 18 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	6.32 ug/L	459640	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	43
2	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	37
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	37
4	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	35
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	32





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Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

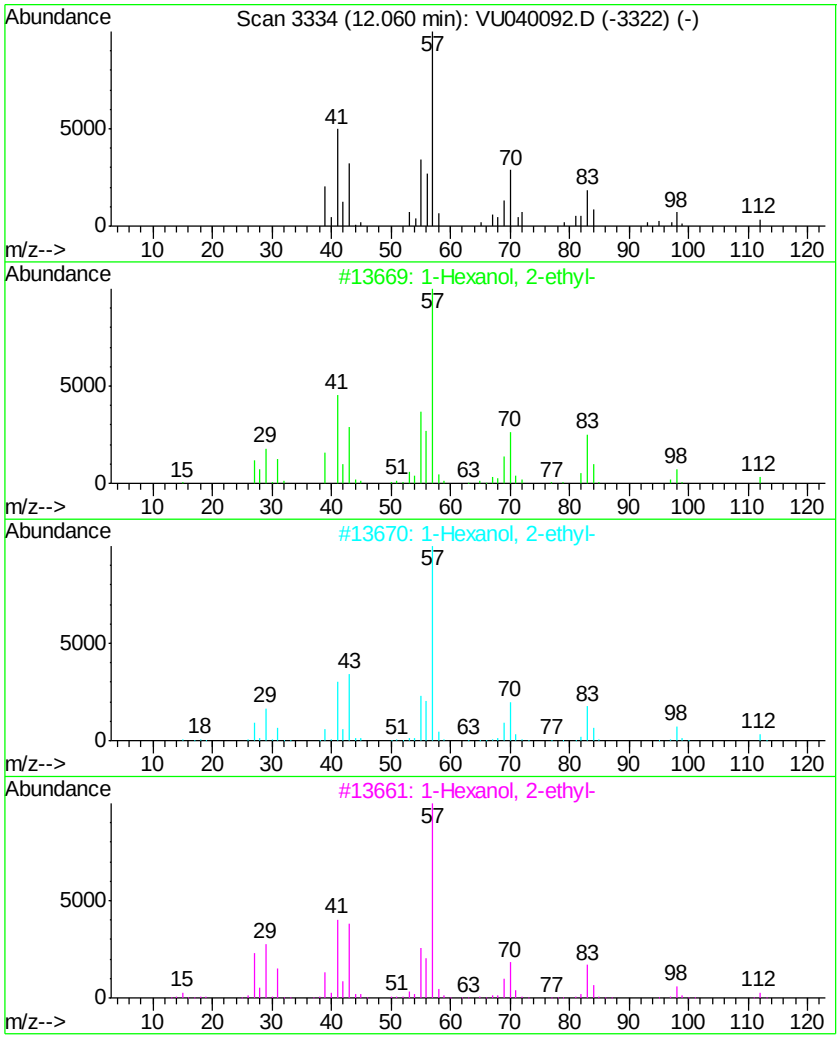
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

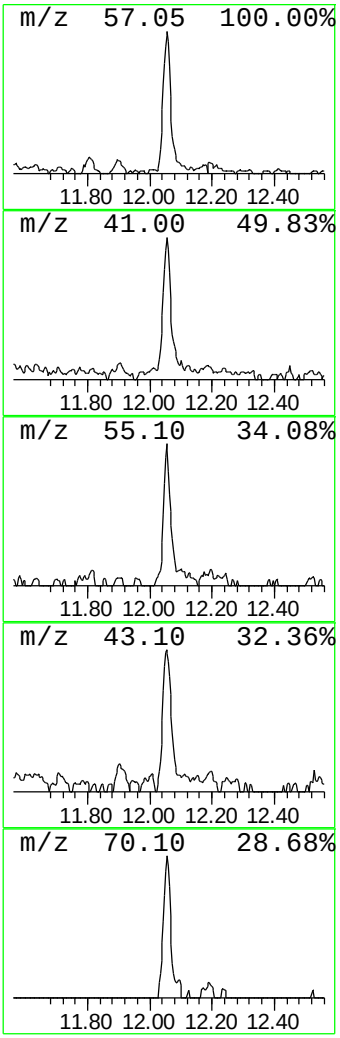
****

Peak Number 19 1-Hexanol, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.69 ug/L	50103	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	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040092.D
Acq On : 10 Sep 2020 19:35
Operator : SY/MD
Sample : L3961-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y35

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.74	1.1	ug/L	73317	1	6.26	318783	5.0
Isopropyl Alcohol	2.83	2.4	ug/L	154645	1	6.26	318783	5.0
unknown-01	3.24	1.1	ug/L	69474	1	6.26	318783	5.0
unknown-02	4.02	0.6	ug/L	35487	1	6.26	318783	5.0
Propane, 2-ethoxy...	4.52	2.2	ug/L	141354	1	6.26	318783	5.0
Ethyl Acetate	4.83	0.8	ug/L	52328	1	6.26	318783	5.0
Propane, 2-methyl...	5.60	2.1	ug/L	135563	1	6.26	318783	5.0
Acetic acid, cyan...	6.51	7.6	ug/L	482741	1	6.26	318783	5.0
2-Pentenoic acid,...	7.17	1.0	ug/L	63360	1	6.26	318783	5.0
Furan, tetrahydro...	7.22	0.6	ug/L	36636	1	6.26	318783	5.0
Furan, tetrahydro...	7.31	1.1	ug/L	70601	1	6.26	318783	5.0
Propane, 1-(1,1-d...	7.47	7.6	ug/L	483738	1	6.26	318783	5.0
Furan, tetrahydro...	7.72	2.3	ug/L	146401	1	6.26	318783	5.0
Furan, tetrahydro...	8.43	0.7	ug/L	53668	2	9.42	365889	5.0
Furan, tetrahydro...	8.51	0.7	ug/L	47235	2	9.42	365889	5.0
unknown-03	9.77	0.8	ug/L	55276	2	9.42	365889	5.0
unknown-04	11.47	6.3	ug/L	459640	3	11.81	363600	5.0
1-Hexanol, 2-ethyl-	12.06	0.7	ug/L	50103	3	11.81	363600	5.0