LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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\SOMUTR111620WMA.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	1.360	3	6	18	rVB	80018	71673	21.73%	2.028%
2	1.462	26	38	41	rBV3	8756	16810	5.10%	0.476%
3	1.597	68	80	90	rVB3	74837	126176	38.26%	3.570%
4	1.655	93	98	109	rVB3	4876	6013	1.82%	0.170%
5	1.729	109	121	131	rBV	19053	31573	9.57%	0.893%
6	1.813	132	147	150	rBV4	9037	22162	6.72%	0.627%
7	1.913	173	178	193	rVB	28415	41575	12.61%	1.176%
8	2.154	249	253	262	rVB4	8171	9715	2.95%	0.275%
9	2.379	320	323	328	rVB	5657	4721	1.43%	0.134%
10	2.411	329	333	342	rVB3	12295	17782	5.39%	0.503%
11	2.475	345	353	368	rVB3	15192	26107	7.92%	0.739%
12	2.568	371	382	402	rVB	52806	88901	26.96%	2.515%
13	2.794	435	452	463	rBV3	4445	11753	3.56%	0.333%
14	3.356	614	627	650	rVB	48762	97092	29.44%	2.747%
15	3.591	687	700	701	rBV5	3100	5391	1.63%	0.153%
16	3.613	701	707	722	rVB4	4531	9304	2.82%	0.263%
17	3.884	778	791	804	rBV6	2427	5849	1.77%	0.165%
18	4.260	899	908	921	rVB5	3850	7918	2.40%	0.224%
19	4.681	1024	1039	1049	rBV	38803	89953	27.27%	2.545%
20	5.080	1147	1163	1177	rBV2	53284	115452	35.01%	3.267%
21	5.247	1205	1215	1226	rVB5	1604	3716	1.13%	0.105%
22	5.732	1349	1366	1377	rBV2	105722	256053	77.64%	7.245%
23	5.784	1377	1382	1403	rVB2	30724	55950	16.96%	1.583%
24	5.993	1435	1447	1452	rBV6	3865	7692	2.33%	0.218%
25	6.160	1487	1499	1506	rBV6	3043	6390	1.94%	0.181%
26	6.260	1518	1530	1548	rVB	84542	154718	46.91%	4.378%
27	6.539	1605	1617	1639	rBV7	11884	30897	9.37%	0.874%
28	6.645	1639	1650	1658	rBV2	18347	31967	9.69%	0.904%
29	6.703	1658	1668	1685	rVB2	65678	124827	37.85%	3.532%
30	6.809	1692	1701	1715	rVB5	1813	4012	1.22%	0.114%
31	6.961	1738	1748	1763	rVB	2861	5103	1.55%	0.144%
32	7.572	1926	1938	1953	rVB	29742	49281	14.94%	1.394%
33	7.903	2028	2041	2052	rBV	107666	182200	55.24%	5.155%
34	7.973	2052	2063	2078	rVV	81700	140545	42.61%	3.977%

LSC Area Percent Report

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Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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\SOMUTR111620WMA.M
Title : TRACE VOA SOM01.0

35	8.051	2079	2087	2097	rVV4	2990	6279	1.90%	0.178%
36	8.186	2119	2129	2141	rVB	20959	34475	10.45%	0.975%
37	8.565	2238	2247	2256	rVB3	2349	3729	1.13%	0.106%
38	8.652	2260	2274	2306	rBV	165871	329805	100.00%	9.331%
39	8.793	2310	2318	2330	rVB3	10892	18102	5.49%	0.512%
40	9.417	2500	2512	2528	rVB	122810	202437	61.38%	5.728%
41	9.571	2550	2560	2578	rVB2	18487	30324	9.19%	0.858%
42	9.694	2586	2598	2609	rBV2	40545	65795	19.95%	1.862%
43	9.922	2662	2669	2678	rVB3	3239	4863	1.47%	0.138%
44	10.099	2714	2724	2737	rBV2	23203	35620	10.80%	1.008%
45	10.234	2755	2766	2778	rBV6	6569	11613	3.52%	0.329%
46	10.481	2835	2843	2852	rVB6	3928	5691	1.73%	0.161%
47	10.755	2915	2928	2944	rBV	55663	93074	28.22%	2.633%
48	10.893	2961	2971	2980	rBV5	4274	8032	2.44%	0.227%
49	10.944	2980	2987	2995	rBV7	4430	6286	1.91%	0.178%
50	10.996	2995	3003	3008	rBV4	6098	7991	2.42%	0.226%
51	11.250	3069	3082	3088	rBV3	3434	6481	1.97%	0.183%
52	11.288	3088	3094	3102	rVB3	5400	7192	2.18%	0.203%
53	11.465	3138	3149	3159	rBV3	18679	27019	8.19%	0.764%
54	11.571	3170	3182	3189	rBV6	2351	4530	1.37%	0.128%
55	11.739	3223	3234	3242	rBV7	4327	5370	1.63%	0.152%
56	11.806	3242	3255	3269	rBB	120754	190102	57.64%	5.379%
57	11.890	3270	3281	3295	rBV2	26843	40527	12.29%	1.147%
58	12.089	3325	3343	3350	rBV4	22437	45463	13.78%	1.286%
59	12.185	3362	3373	3386	rVB2	133814	219102	66.43%	6.199%
60	12.369	3422	3430	3440	rBV2	5719	7544	2.29%	0.213%
61	12.456	3445	3457	3462	rBV2	15280	23312	7.07%	0.660%
62	12.488	3463	3467	3474	rVV2	16887	22964	6.96%	0.650%
63	12.526	3474	3479	3482	rVV4	3119	3902	1.18%	0.110%
64	12.562	3482	3490	3500	rVB	40335	59186	17.95%	1.675%
65	12.687	3516	3529	3545	rVB6	6799	15898	4.82%	0.450%
66	12.761	3545	3552	3560	rBV4	2675	3807	1.15%	0.108%
67	12.870	3577	3586	3592	rBV	12447	18646	5.65%	0.528%
68	12.964	3606	3615	3623	rBV	11184	15716	4.77%	0.445%
69	13.018	3623	3632	3642	rVB	17150	23867	7.24%	0.675%
70	13.285	3707	3715	3723	rVB3	6196	8485	2.57%	0.240%
71	13.446	3753	3765	3776	rVB7	14932	25576	7.75%	0.724%

LSC Area Percent Report

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Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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\SOMUTR111620WMA.M
Title : TRACE VOA SOM01.0

72	14.079	3955	3962	3969	rVB4	3726	4639	1.41%	0.131%
73	14.176	3978	3992	3998	rVB5	2320	4402	1.33%	0.125%
74	14.626	4124	4132	4140	rBV7	5822	9393	2.85%	0.266%
75	14.864	4200	4206	4214	rVB5	3051	3902	1.18%	0.110%
76	15.009	4242	4251	4258	rBV8	3478	5616	1.70%	0.159%
77	15.915	4523	4533	4546	rBV10	3513	8308	2.52%	0.235%

Sum of corrected areas: 3534336

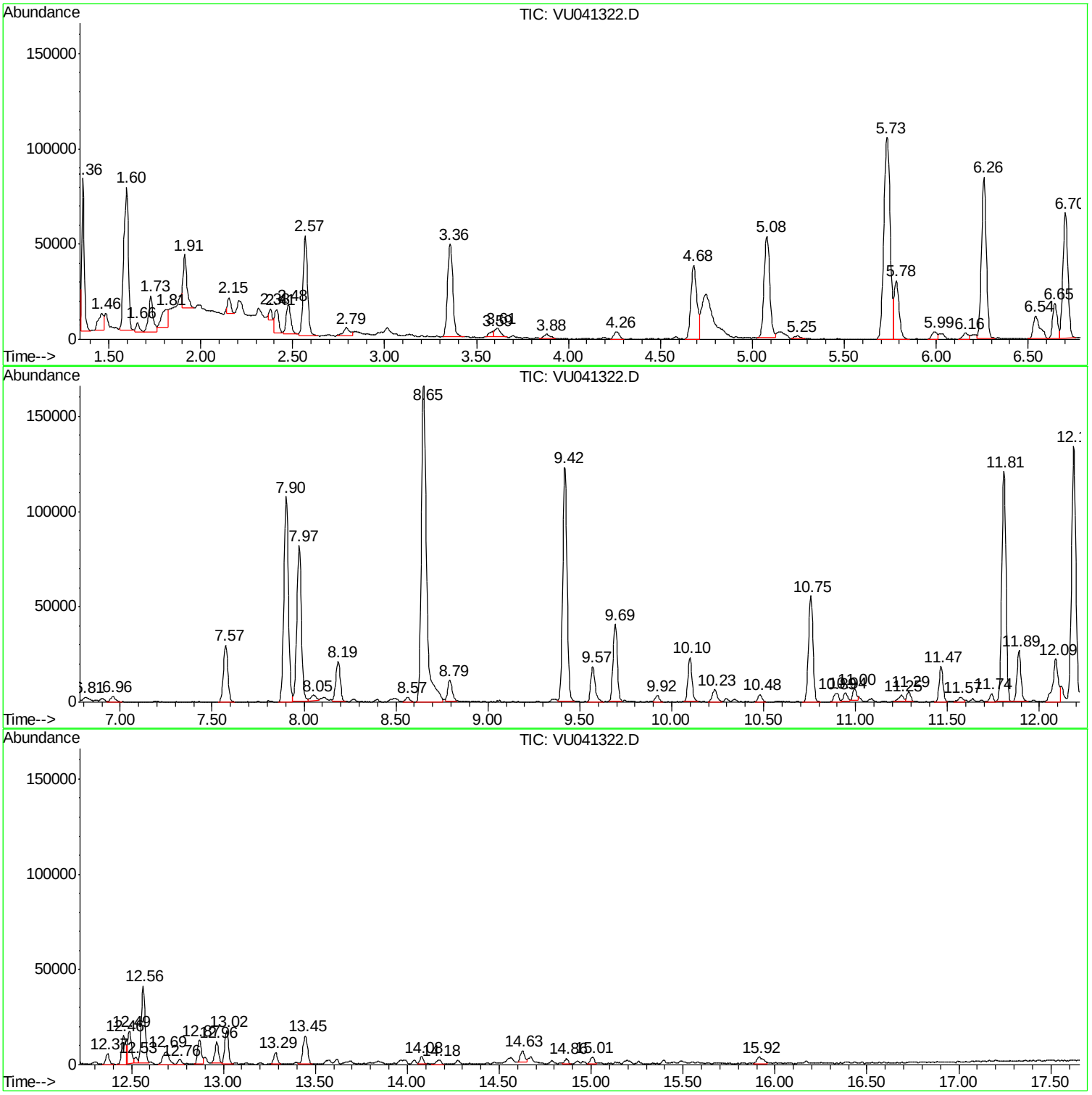
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.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\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

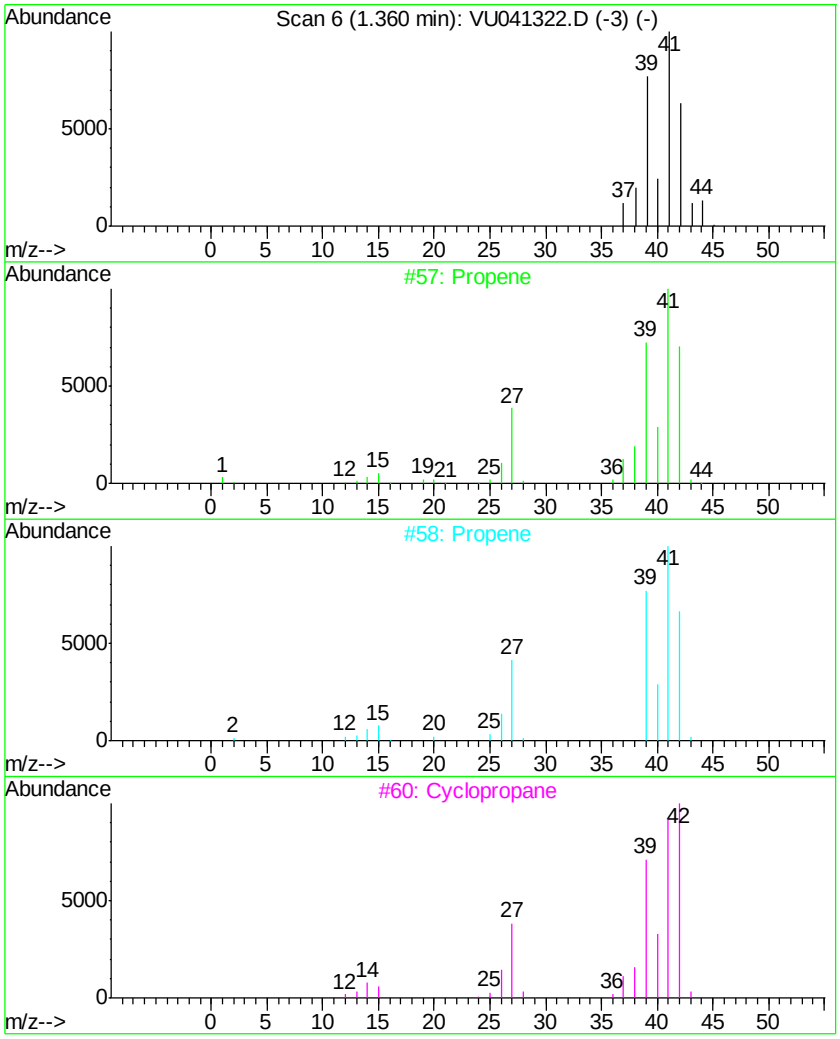
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

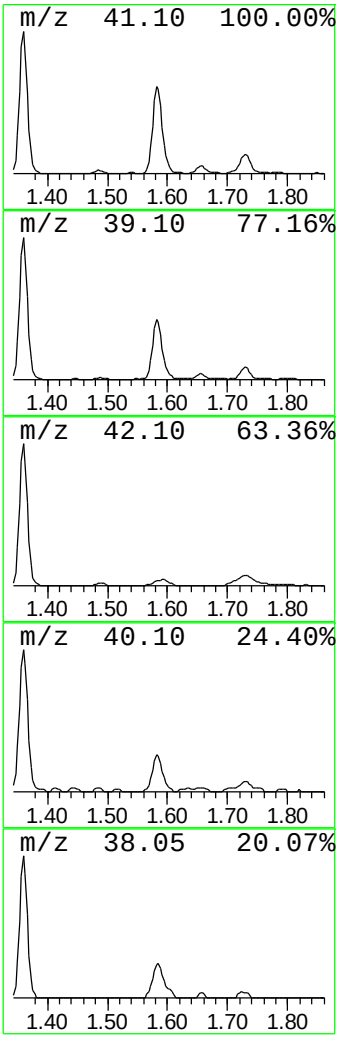
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	2.32 ug/L	71673	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

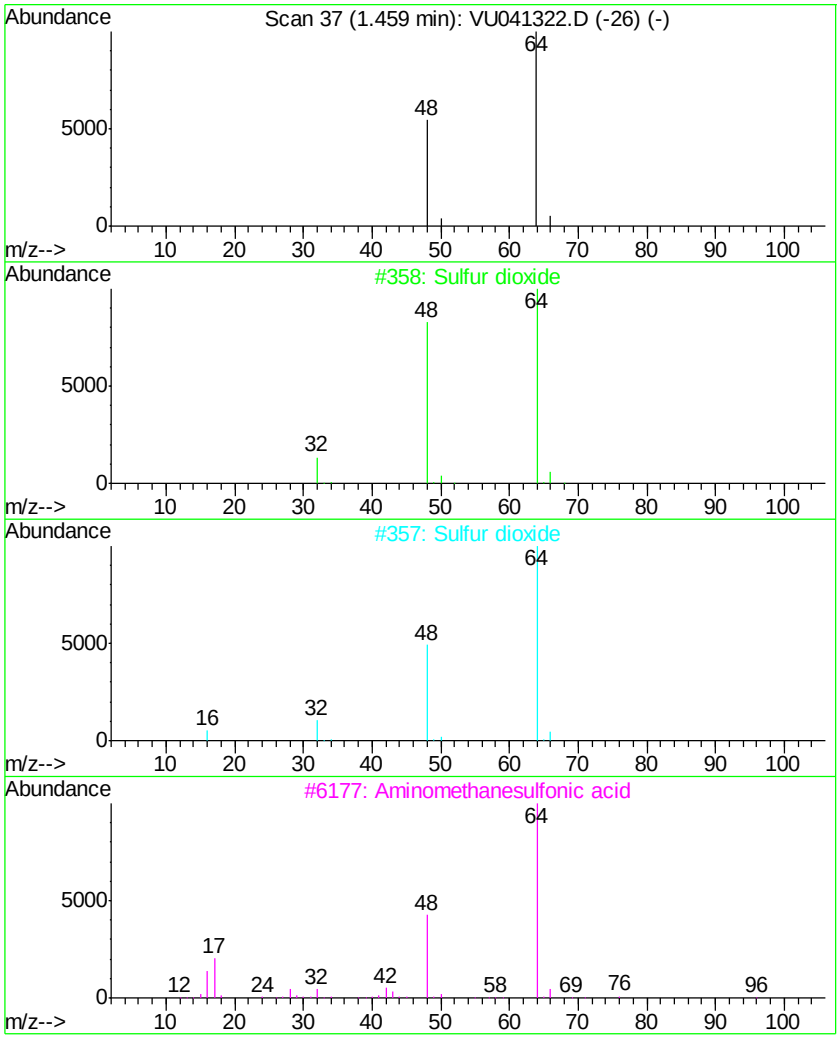
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

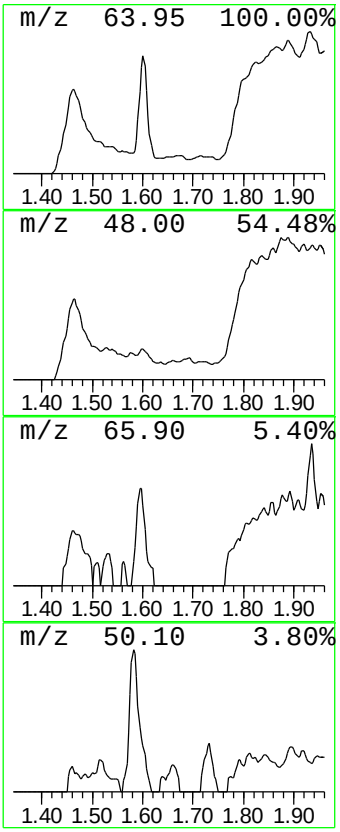
****

Peak Number 2 Sulfur dioxide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.46	0.54 ug/L	16810	1,4-Difluorobenzene	6.26

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

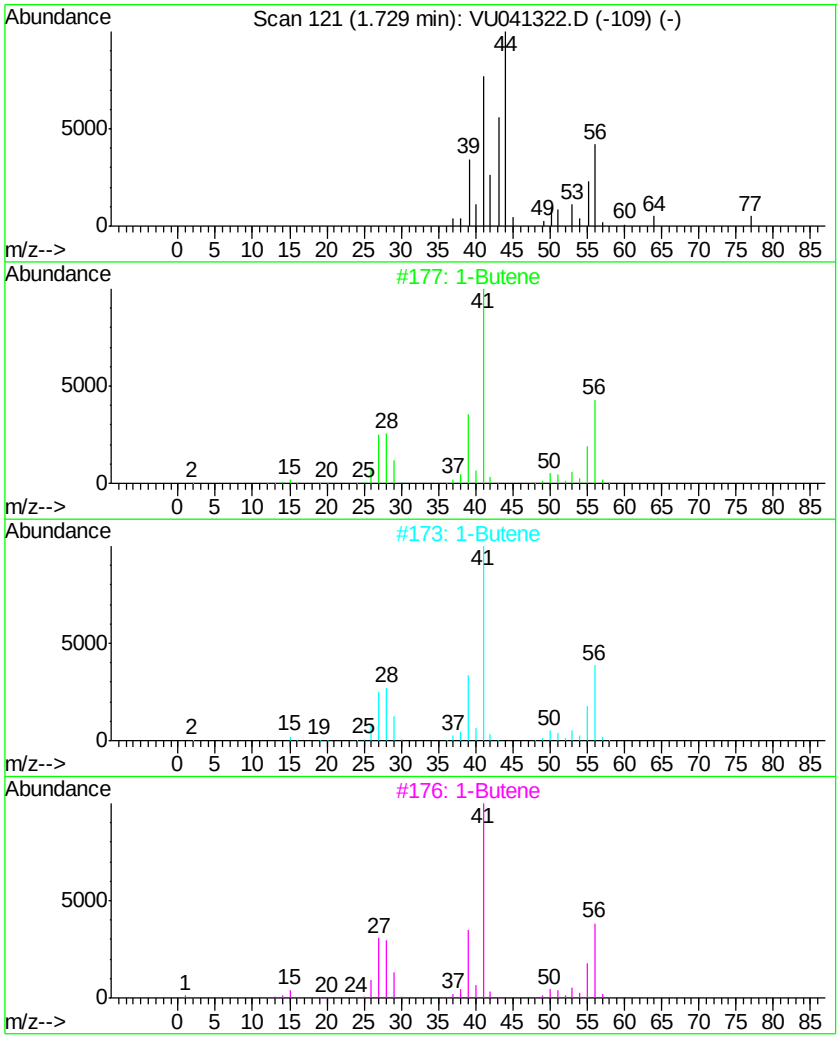
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

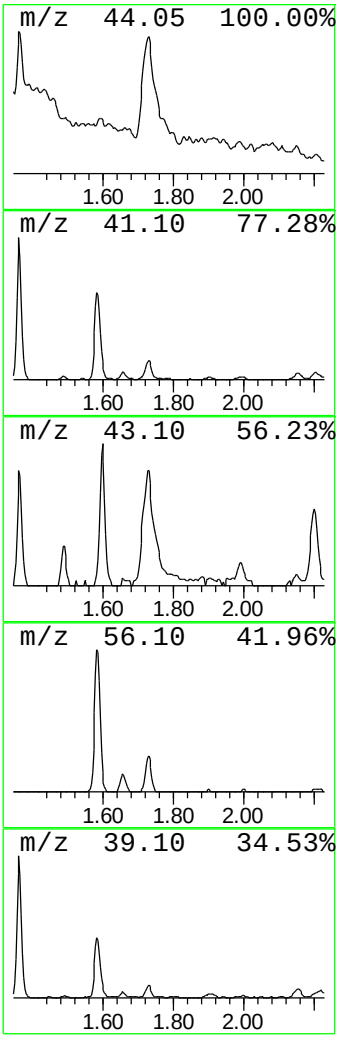
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.73	1.02 ug/L	31573	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	30
2	1-Butene	56	C4H8	000106-98-9	30
3	1-Butene	56	C4H8	000106-98-9	30
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	30
5	2-Butene, (Z)-	56	C4H8	000590-18-1	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

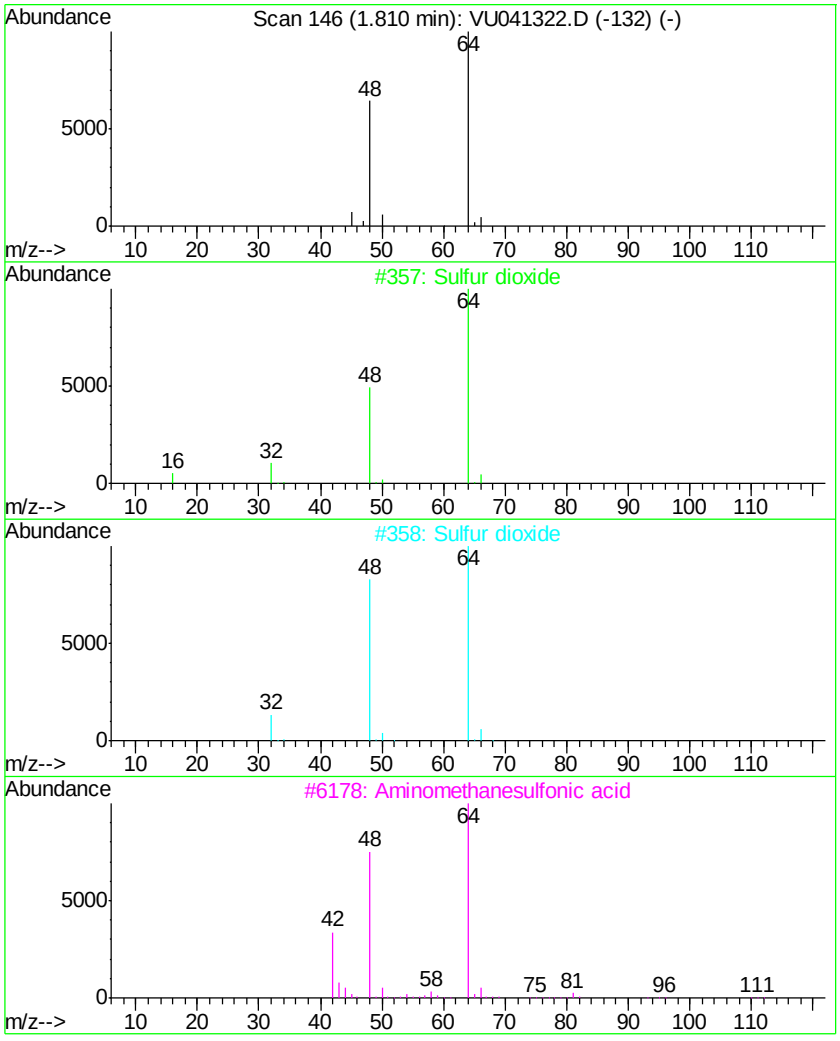
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

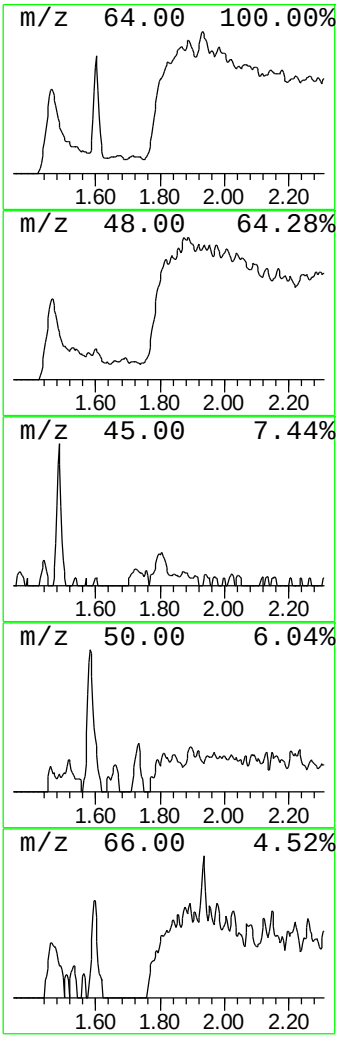
****

Peak Number 4 Aminomethanesulfonic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	0.72 ug/L	22162	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	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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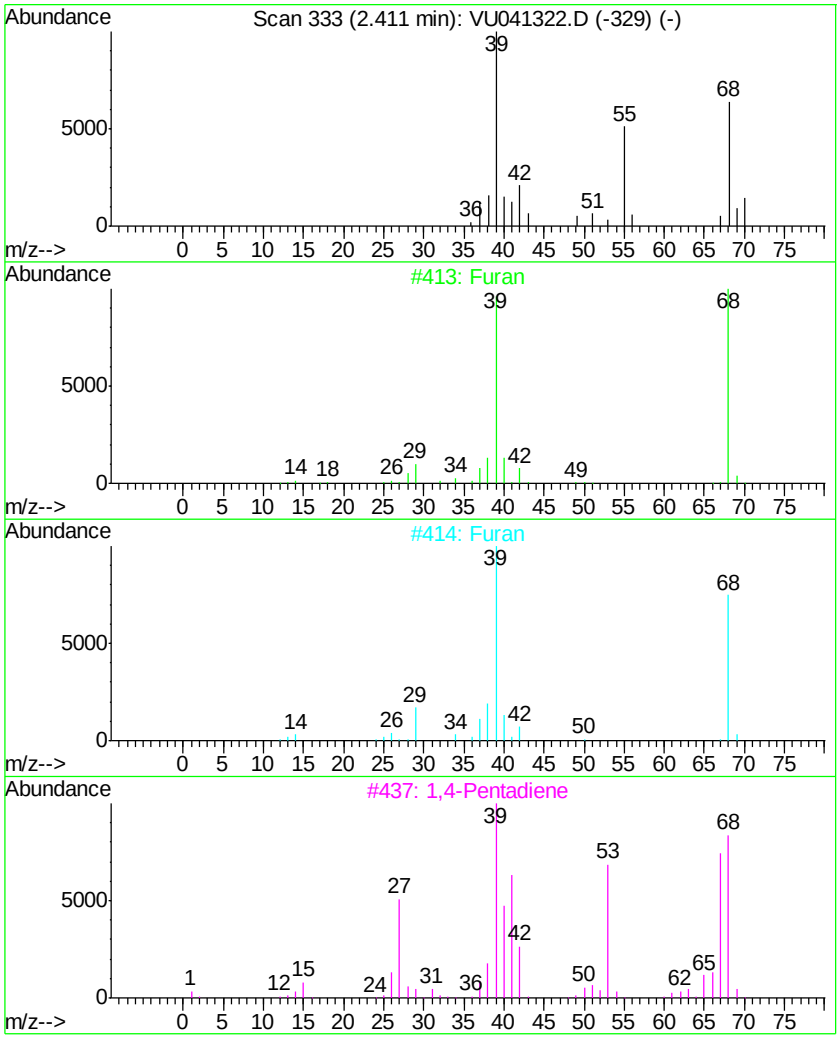
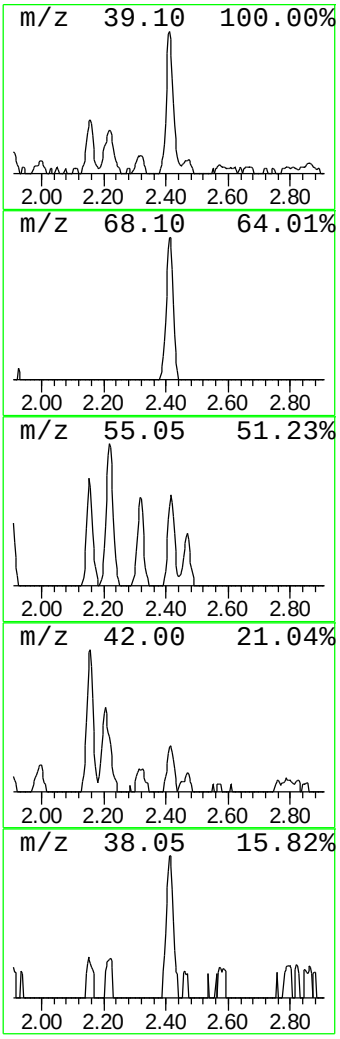
Peak Number 5 Furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.41	0.57 ug/L	17782	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan	68	C4H4O	000110-00-9	86
2	Furan	68	C4H4O	000110-00-9	86
3	1,4-Pentadiene	68	C5H8	000591-93-5	64
4	Methylenecyclopropane	54	C4H6	006142-73-0	9
5	2,3-Pentadiene	68	C5H8	000591-96-8	9





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Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

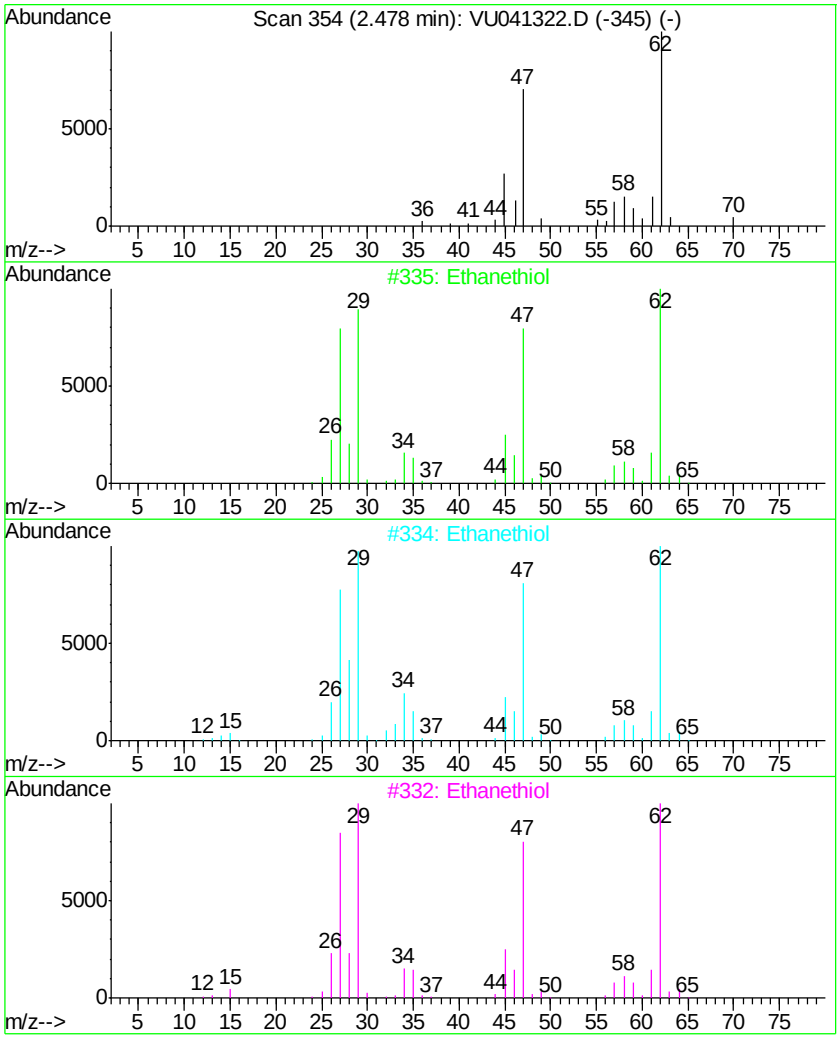
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

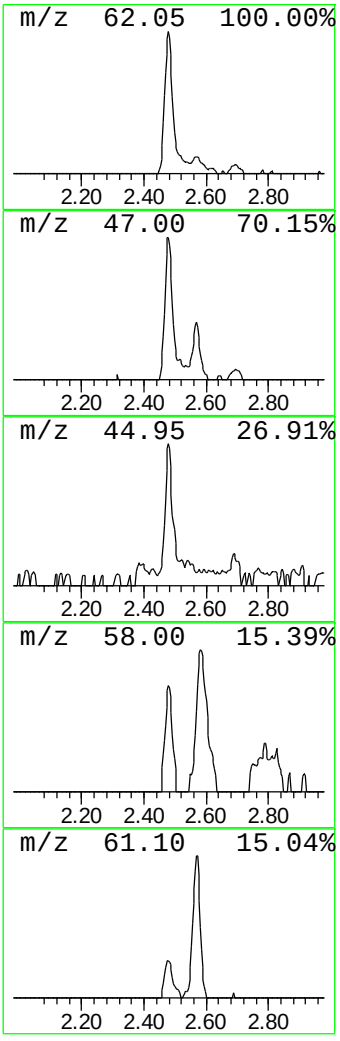
****

Peak Number 6 Ethanethiol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	0.84 ug/L	26107	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	91
3	Ethanethiol	62	C2H6S	000075-08-1	91
4	Ethanethiol	62	C2H6S	000075-08-1	86
5	Ethanethiol	62	C2H6S	000075-08-1	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

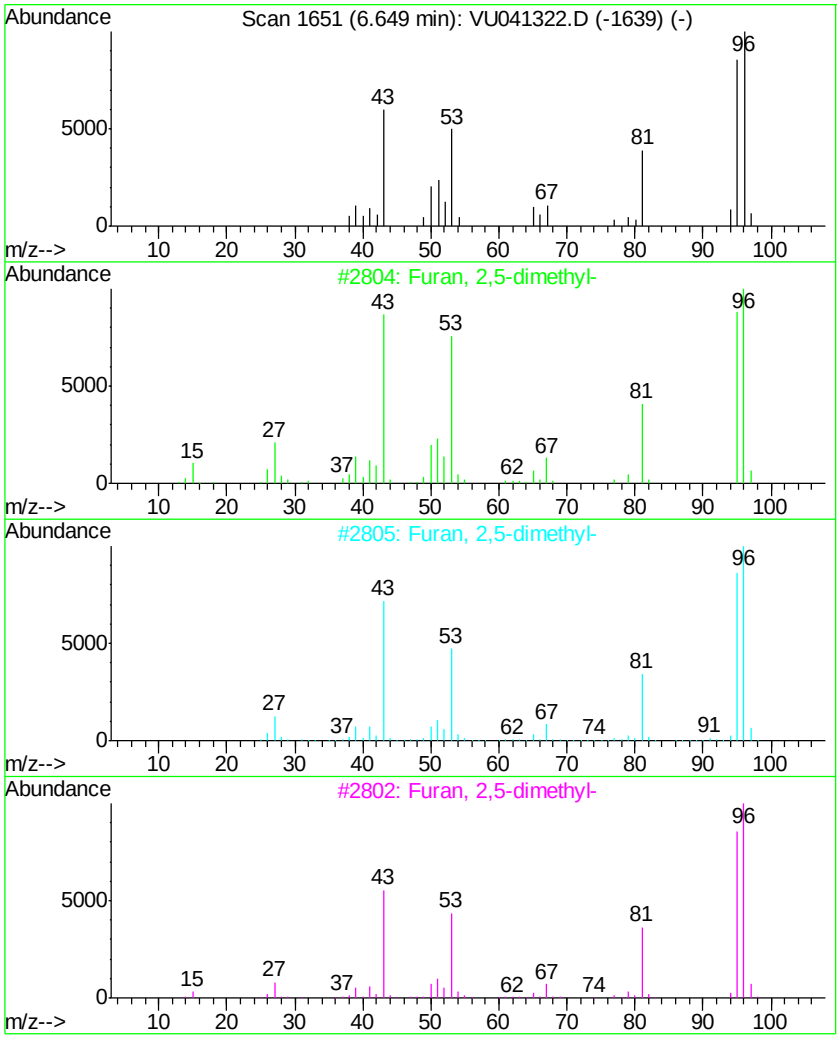
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

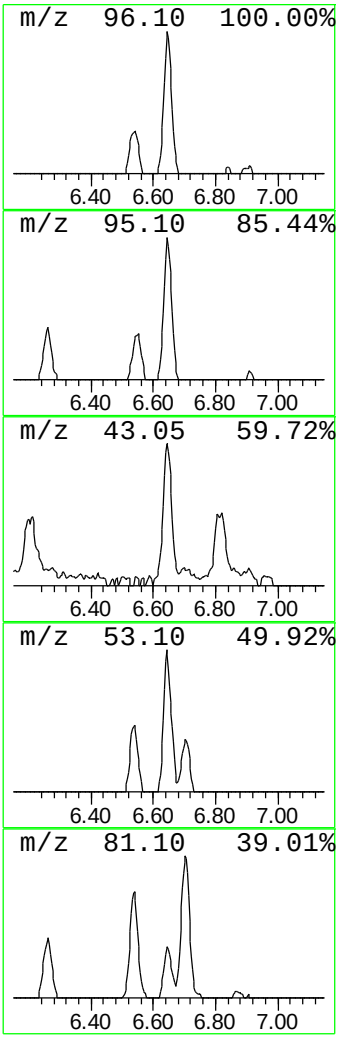
****

Peak Number 7 Furan, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	1.03 ug/L	31967	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	91
2	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	86
3	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	86
4	2,4-Dimethylfuran	96	C6H8O	003710-43-8	80
5	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

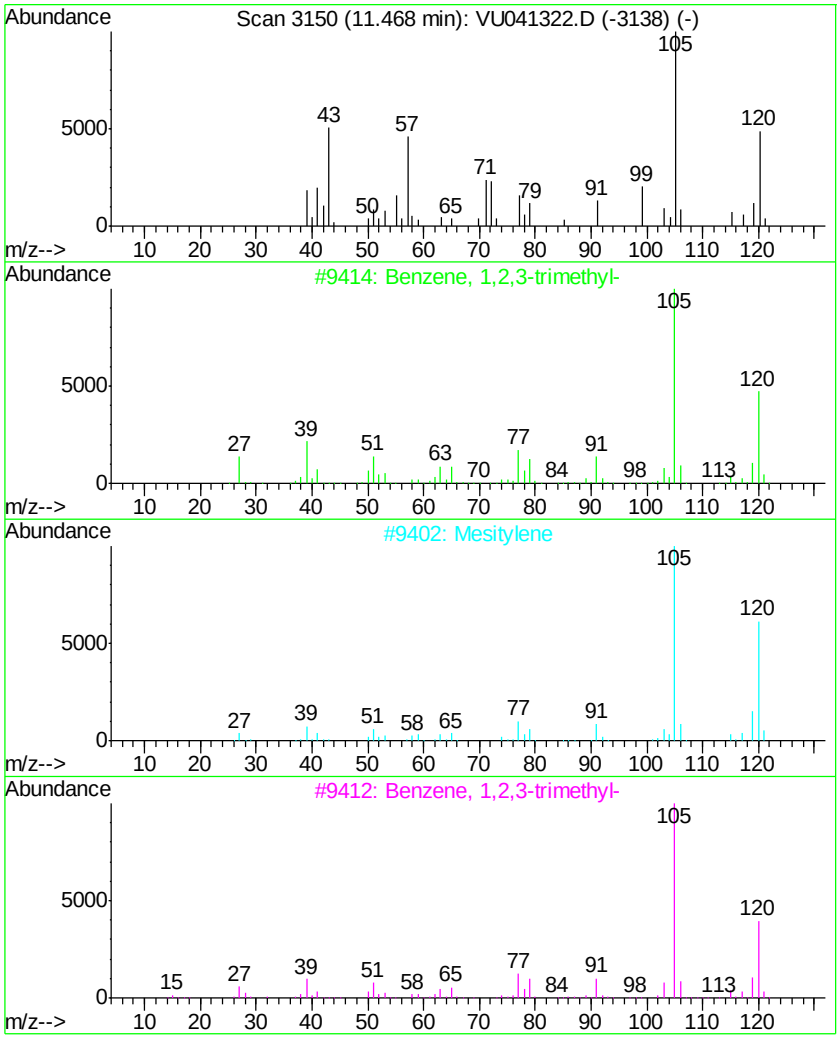
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

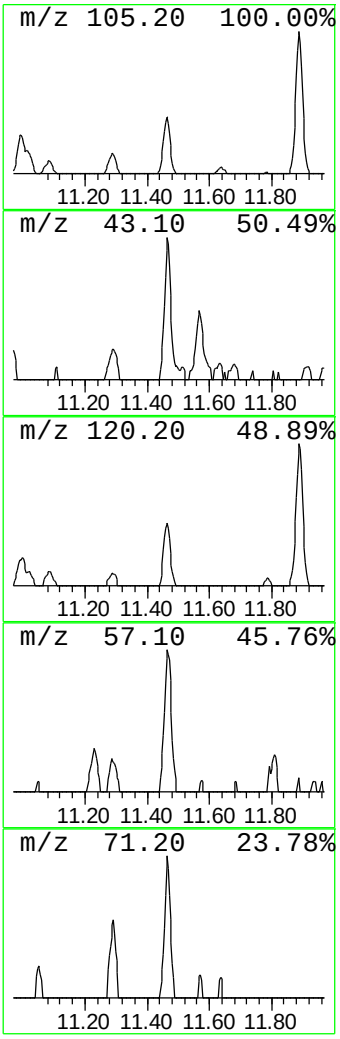
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.71 ug/L	27019	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2	Mesitylene	120	C9H12	000108-67-8	64
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

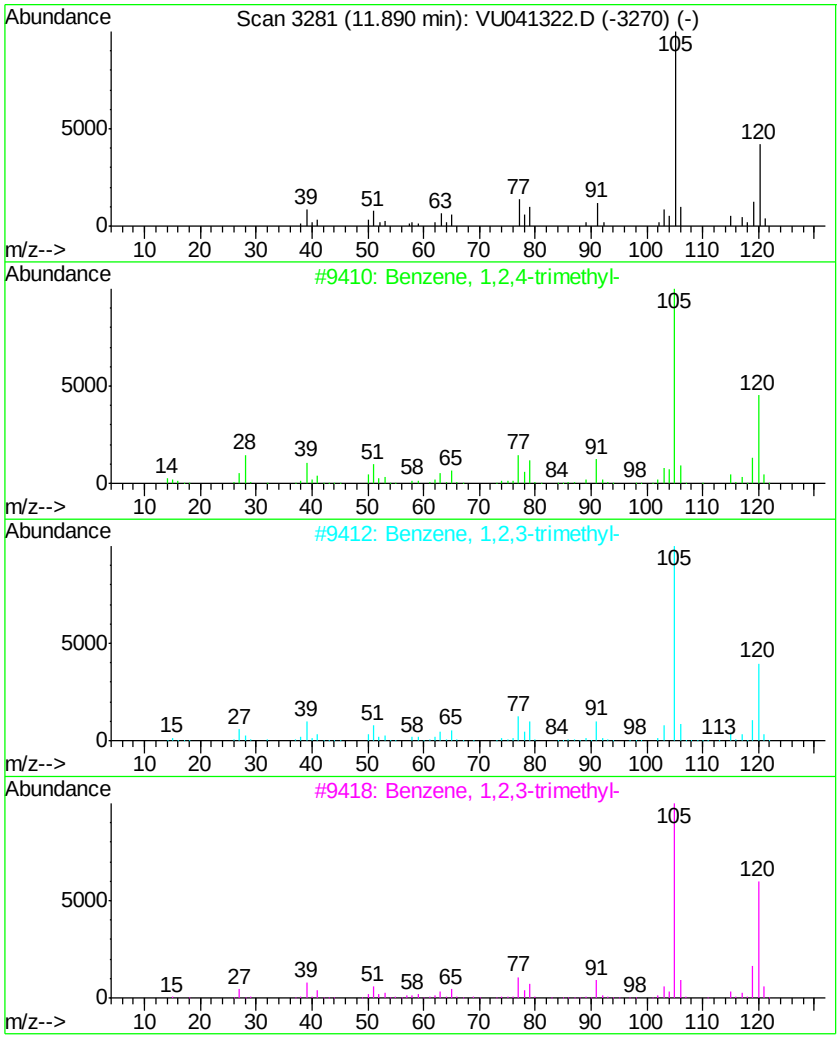
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

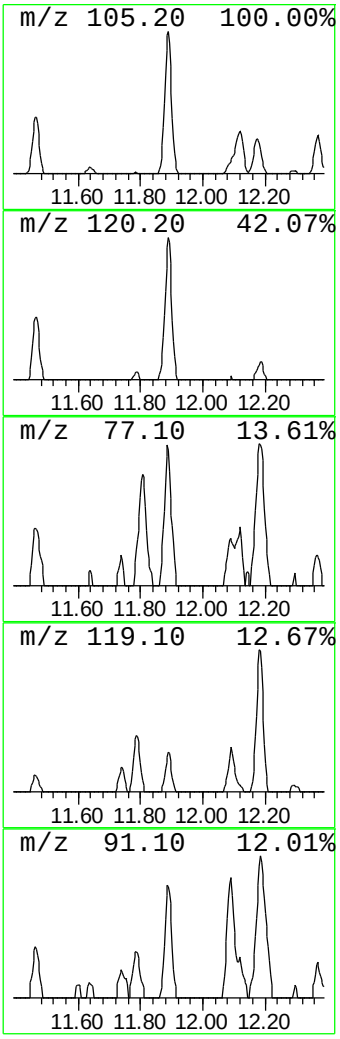
****

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	1.07 ug/L	40527	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	96
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

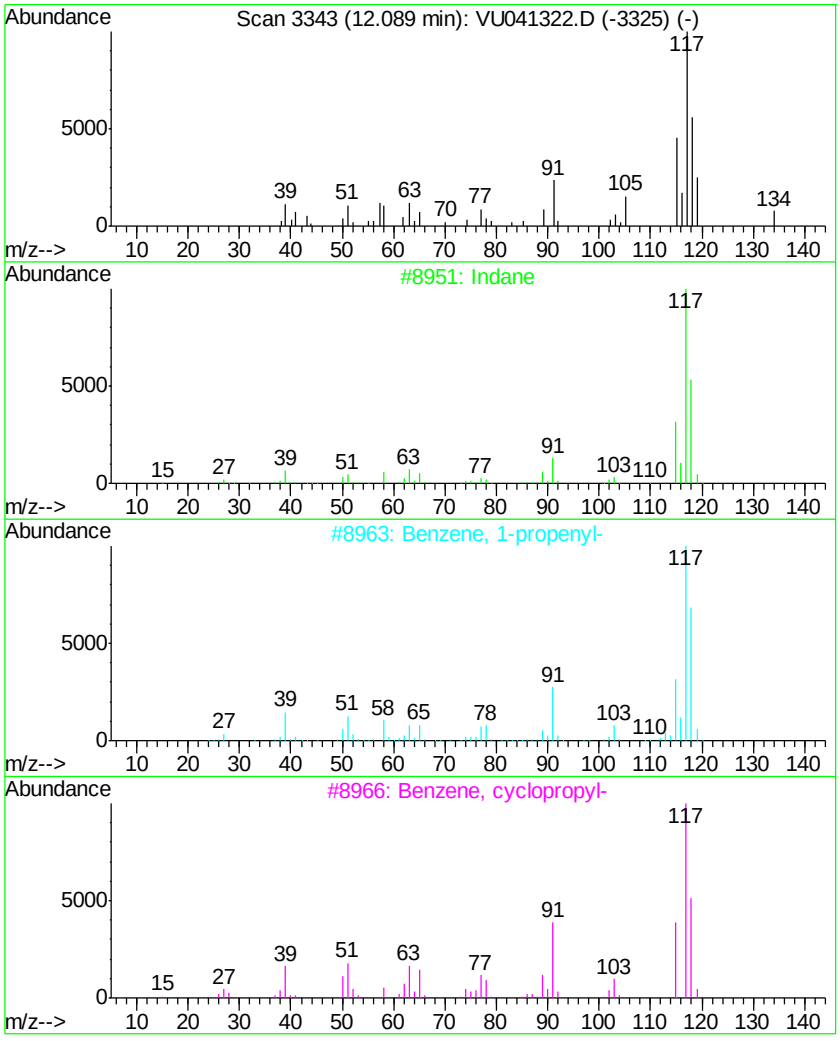
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

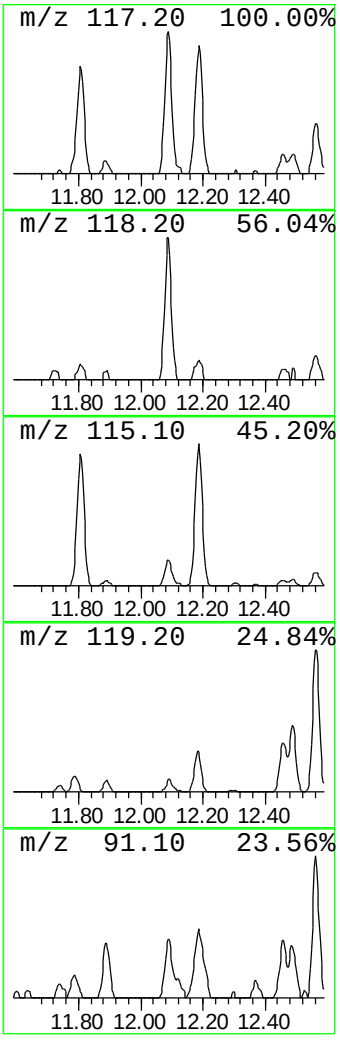
****

Peak Number 11 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	1.20 ug/L	45463	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

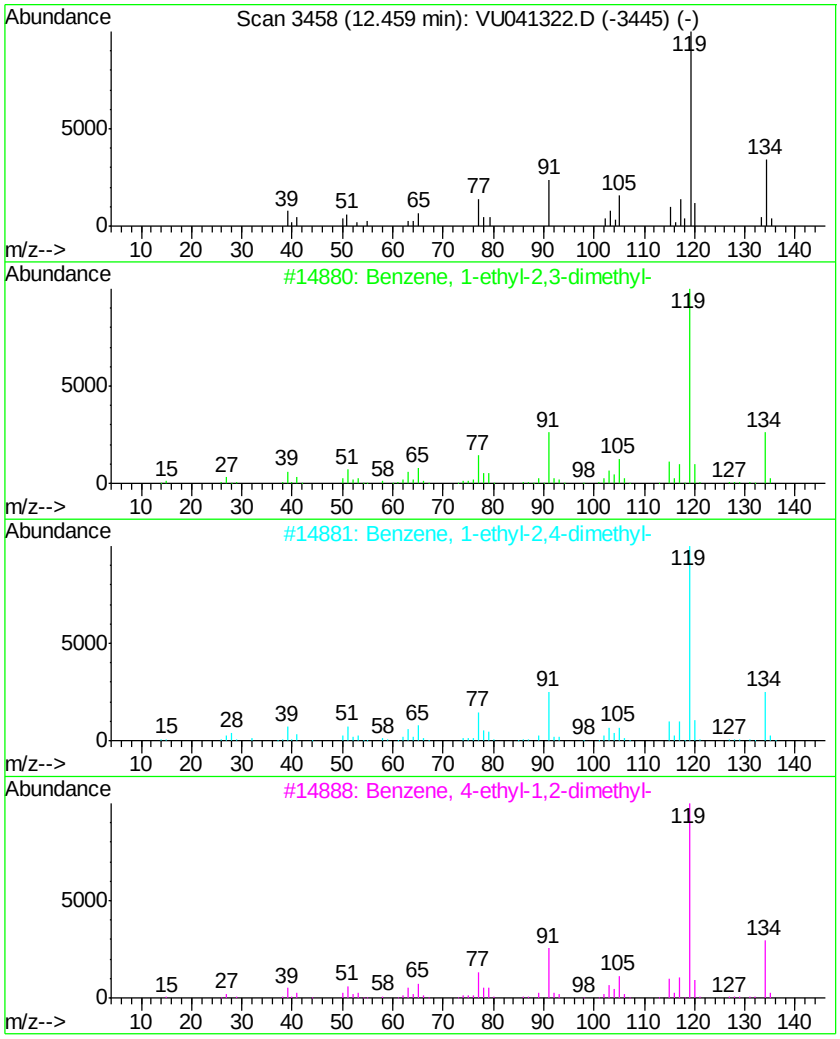
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

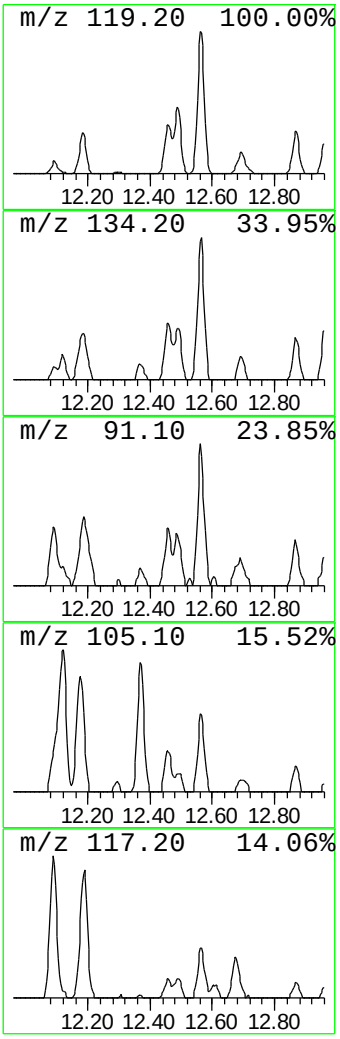
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.61 ug/L	23312	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

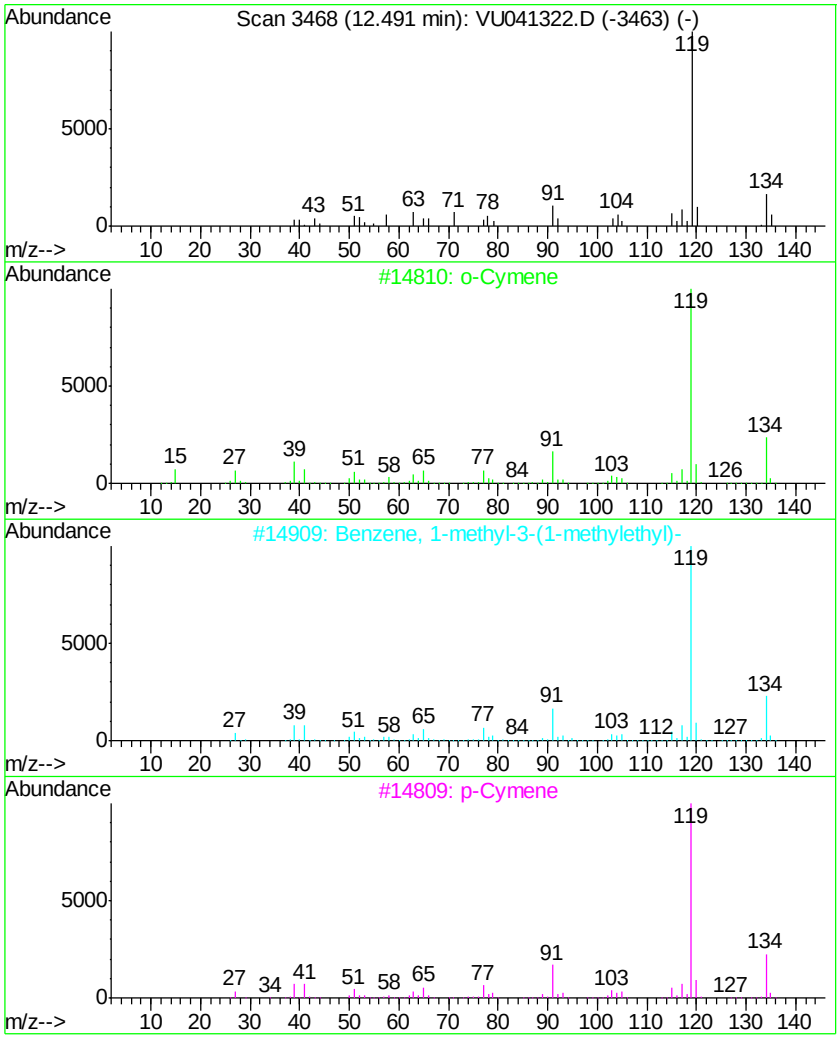
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

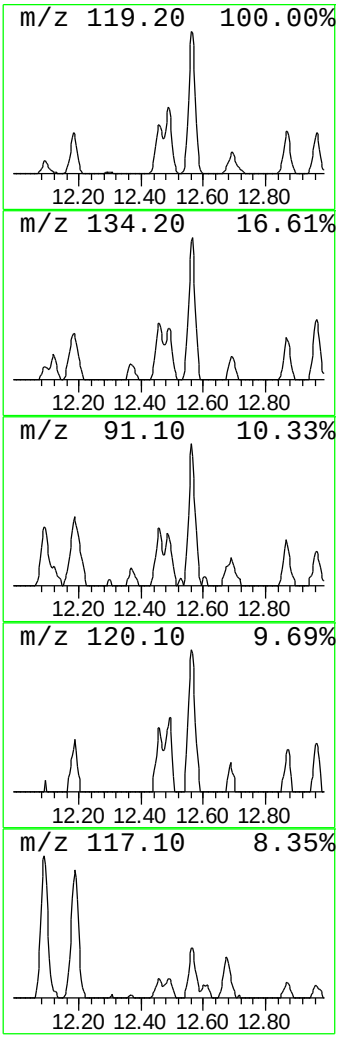
****

Peak Number 13 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	0.60 ug/L	22964	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	p-Cymene	134	C10H14	000099-87-6	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

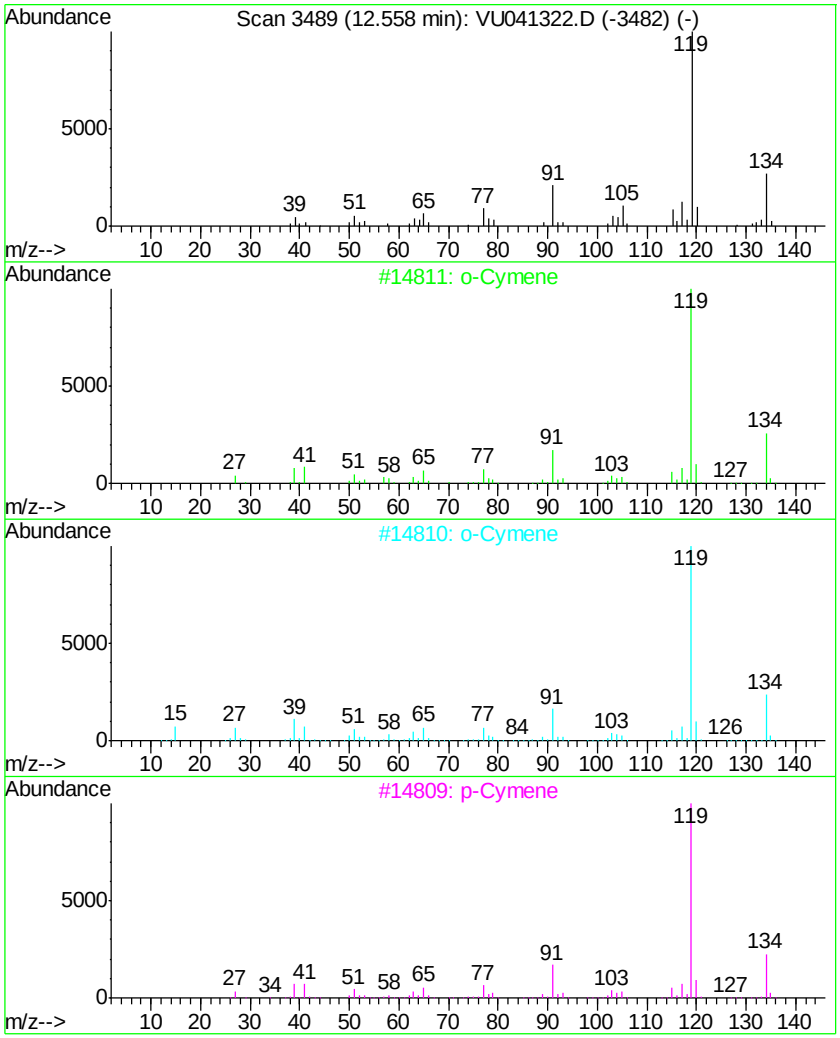
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

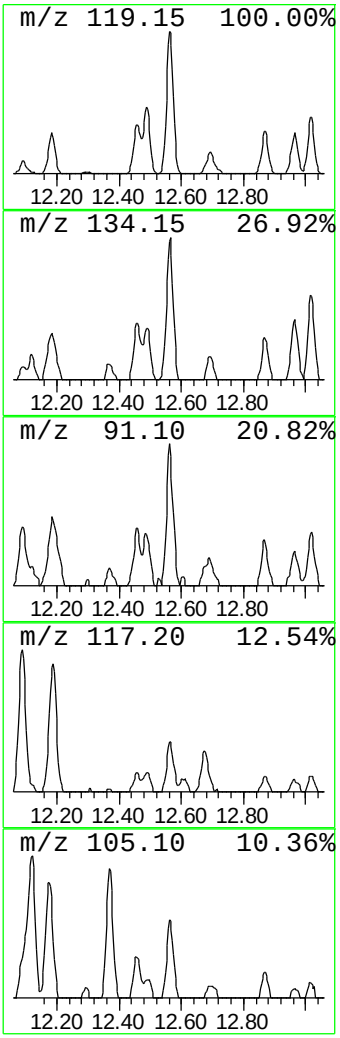
****

Peak Number 14 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	1.56 ug/L	59186	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

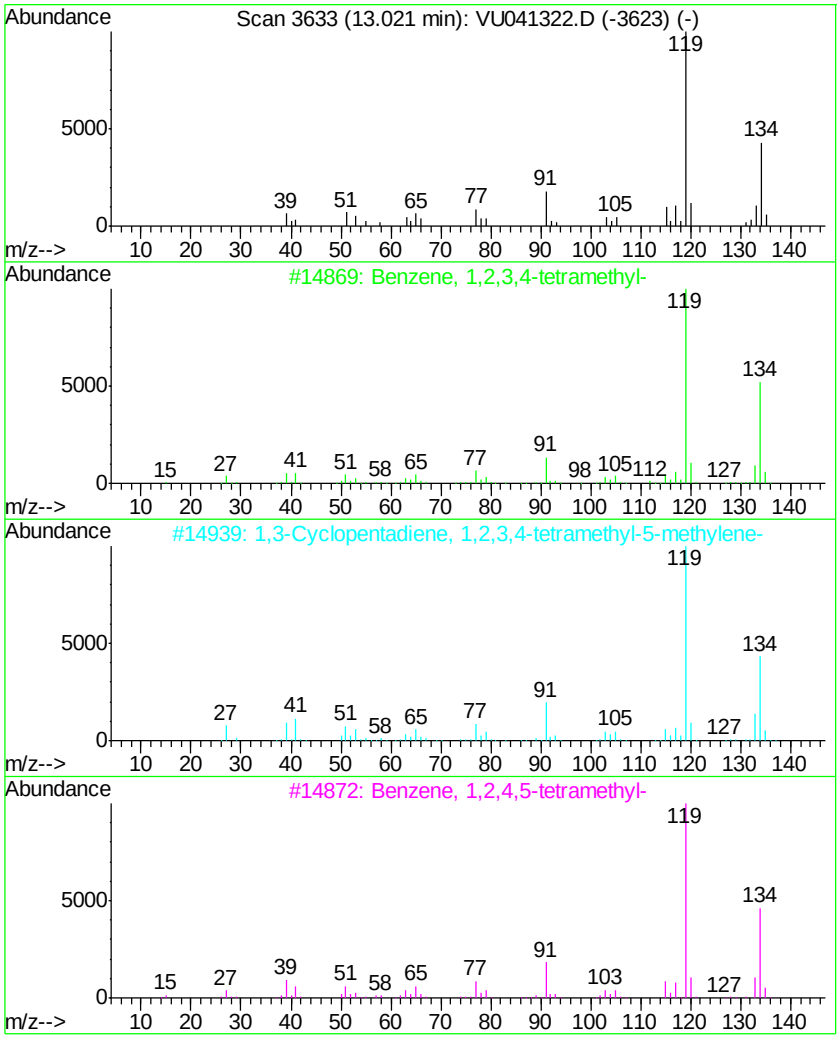
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

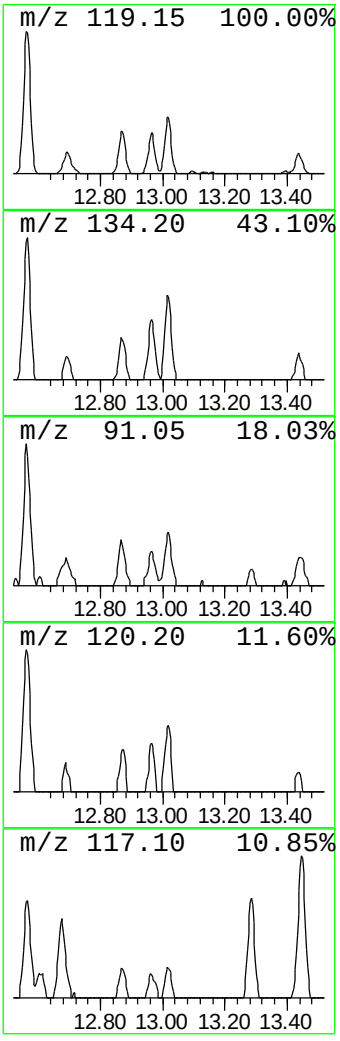
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	0.63 ug/L	23867	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

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

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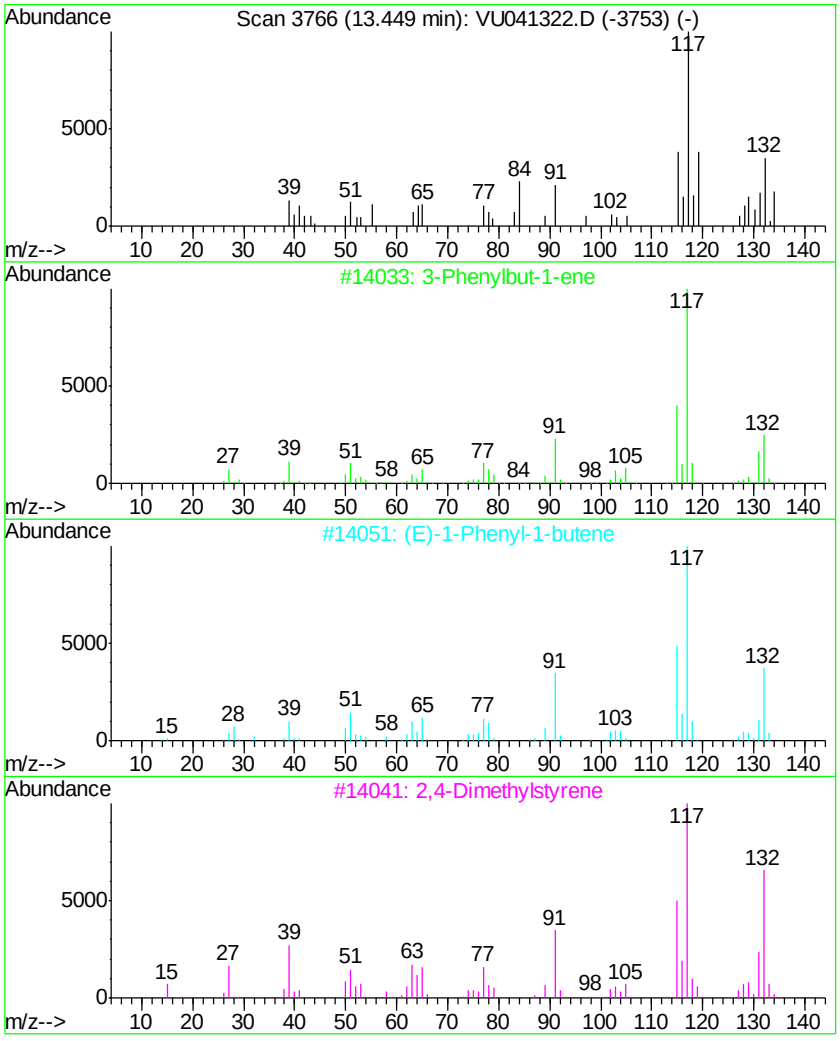
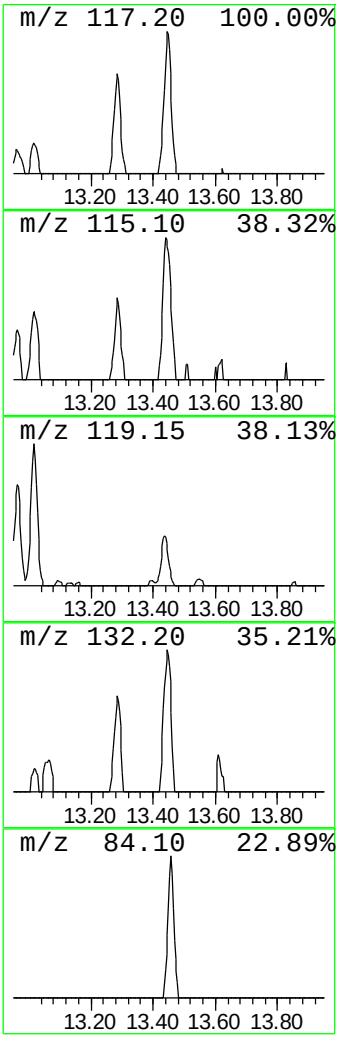
Peak Number 16 3-Phenylbut-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	0.67 ug/L	25576	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	60
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041322.D
Acq On : 18 Nov 2020 19:25
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.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
(DEL) Alkane: Str...	1.36	2.3	ug/L	71673	1	6.26	154718	5.0
Sulfur dioxide	1.46	0.5	ug/L	16810	1	6.26	154718	5.0
(DEL) Alkane: Str...	1.73	1.0	ug/L	31573	1	6.26	154718	5.0
Aminomethanesulfo...	1.81	0.7	ug/L	22162	1	6.26	154718	5.0
Furan	2.41	0.6	ug/L	17782	1	6.26	154718	5.0
Ethanethiol	2.48	0.8	ug/L	26107	1	6.26	154718	5.0
Furan, 2,5-dimethyl-	6.65	1.0	ug/L	31967	1	6.26	154718	5.0
Benzene, 1,2,3-tr...	11.47	0.7	ug/L	27019	3	11.81	190102	5.0
Benzene, 1,2,4-tr...	11.89	1.1	ug/L	40527	3	11.81	190102	5.0
Indane	12.09	1.2	ug/L	45463	3	11.81	190102	5.0
Benzene, 1-ethyl-...	12.46	0.6	ug/L	23312	3	11.81	190102	5.0
o-Cymene	12.49	0.6	ug/L	22964	3	11.81	190102	5.0
p-Cymene	12.56	1.6	ug/L	59186	3	11.81	190102	5.0
Benzene, 1,2,3,4-...	13.02	0.6	ug/L	23867	3	11.81	190102	5.0
3-Phenylbut-1-ene	13.45	0.7	ug/L	25576	3	11.81	190102	5.0