LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 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	1.375	5	11	23	rVB	74378	75871	22.38%	2.131%
2	1.501	31	50	59	rBV5	13897	45303	13.36%	1.272%
3	1.620	75	87	94	rBV4	65242	114829	33.87%	3.225%
4	1.932	179	184	203	rVB3	29092	59014	17.41%	1.657%
5	2.170	252	258	266	rBV3	10162	14975	4.42%	0.421%
6	2.491	349	358	370	rVB3	13868	22869	6.75%	0.642%
7	2.581	376	386	401	rVB2	40318	66540	19.63%	1.869%
8	2.806	451	456	467	rVB3	4205	6340	1.87%	0.178%
9	3.028	522	525	534	rVB4	3973	4795	1.41%	0.135%
10	3.369	619	631	654	rVB2	49295	98100	28.94%	2.755%
11	4.285	903	916	928	rVB4	3966	8519	2.51%	0.239%
12	4.713	1030	1049	1106	rBV2	47561	223426	65.91%	6.274%
13	5.115	1158	1174	1202	rBV	48944	114539	33.79%	3.217%
14	5.764	1355	1376	1385	rBV3	88781	221331	65.29%	6.216%
15	5.813	1386	1391	1405	rVB	30072	53476	15.77%	1.502%
16	6.006	1442	1451	1460	rBV5	4628	9071	2.68%	0.255%
17	6.057	1460	1467	1484	rVB4	4212	7785	2.30%	0.219%
18	6.186	1492	1507	1511	rBV5	2484	5396	1.59%	0.152%
19	6.282	1524	1537	1553	rVB	89926	161126	47.53%	4.525%
20	6.562	1608	1624	1642	rBV9	12568	33458	9.87%	0.940%
21	6.665	1646	1656	1664	rVV2	19668	36968	10.90%	1.038%
22	6.723	1664	1674	1688	rVB	59093	110322	32.54%	3.098%
23	6.964	1740	1749	1759	rVB2	2406	3813	1.12%	0.107%
24	7.584	1927	1942	1954	rBV	26303	43437	12.81%	1.220%
25	7.912	2032	2044	2055	rBV	87870	148511	43.81%	4.171%
26	7.983	2055	2066	2079	rVV	82466	139486	41.15%	3.917%
27	8.195	2120	2132	2148	rBV2	17923	29131	8.59%	0.818%
28	8.568	2239	2248	2255	rBV3	2462	3518	1.04%	0.099%
29	8.652	2259	2274	2302	rBV	189980	339006	100.00%	9.520%
30	8.800	2310	2320	2331	rVB2	11636	19417	5.73%	0.545%
31	9.423	2503	2514	2532	rVB	127521	207116	61.10%	5.816%
32	9.575	2551	2561	2577	rBV	19050	31889	9.41%	0.896%
33	9.697	2587	2599	2610	rBV	42199	68608	20.24%	1.927%
34	9.922	2656	2669	2680	rBV2	3236	5111	1.51%	0.144%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 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	10.102	2715	2725	2746	rBV	23977	38074	11.23%	1.069%
36	10.234	2756	2766	2778	rVB6	6852	11671	3.44%	0.328%
37	10.481	2833	2843	2852	rBV5	4037	6184	1.82%	0.174%
38	10.758	2916	2929	2942	rBV	56506	92267	27.22%	2.591%
39	10.899	2962	2973	2980	rBV5	4611	7825	2.31%	0.220%
40	10.947	2980	2988	2996	rVV5	5661	8879	2.62%	0.249%
41	10.996	2996	3003	3017	rVB2	6849	12954	3.82%	0.364%
42	11.253	3066	3083	3089	rBV4	3437	7578	2.24%	0.213%
43	11.288	3089	3094	3103	rVB4	5780	7309	2.16%	0.205%
44	11.465	3140	3149	3158	rVB2	19319	27859	8.22%	0.782%
45	11.571	3173	3182	3192	rBV5	2102	3717	1.10%	0.104%
46	11.742	3227	3235	3243	rBV5	4768	6038	1.78%	0.170%
47	11.806	3243	3255	3270	rVB	124306	200080	59.02%	5.619%
48	11.890	3270	3281	3296	rBV	27675	43690	12.89%	1.227%
49	12.089	3324	3343	3351	rBV4	22290	47294	13.95%	1.328%
50	12.189	3362	3374	3386	rVB2	124231	205890	60.73%	5.782%
51	12.369	3422	3430	3440	rVB2	5792	7930	2.34%	0.223%
52	12.459	3449	3458	3463	rBV	17260	26184	7.72%	0.735%
53	12.488	3463	3467	3475	rVV	18708	25499	7.52%	0.716%
54	12.520	3475	3477	3482	rVV3	3563	3682	1.09%	0.103%
55	12.565	3482	3491	3501	rVB	42095	62486	18.43%	1.755%
56	12.684	3516	3528	3544	rBV4	6877	16859	4.97%	0.473%
57	12.761	3544	3552	3563	rBV3	3927	5993	1.77%	0.168%
58	12.870	3576	3586	3592	rBV2	13687	20763	6.12%	0.583%
59	12.963	3606	3615	3623	rBV2	11854	17229	5.08%	0.484%
60	13.018	3623	3632	3641	rVB	16999	25542	7.53%	0.717%
61	13.285	3707	3715	3723	rVB3	6112	8801	2.60%	0.247%
62	13.446	3753	3765	3778	rVB6	14230	26086	7.69%	0.733%
63	13.613	3811	3817	3825	rVB5	2873	3654	1.08%	0.103%
64	14.079	3955	3962	3971	rVB3	4278	6167	1.82%	0.173%
65	14.166	3979	3989	4001	rBV7	1807	3477	1.03%	0.098%
66	14.561	4107	4112	4122	rVB2	4078	5991	1.77%	0.168%
67	14.626	4122	4132	4139	rBV5	7298	11494	3.39%	0.323%
68	14.674	4141	4147	4155	rVB7	3120	4622	1.36%	0.130%
69	14.867	4202	4207	4215	rVB6	2606	3520	1.04%	0.099%
70	15.005	4242	4250	4259	rVB7	4403	5795	1.71%	0.163%
71	15.185	4300	4306	4315	rBV8	1998	3644	1.07%	0.102%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 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	15.915	4525	4533	4537	rBV7	3656	5091	1.50%	0.143%

Sum of corrected areas: 3560914

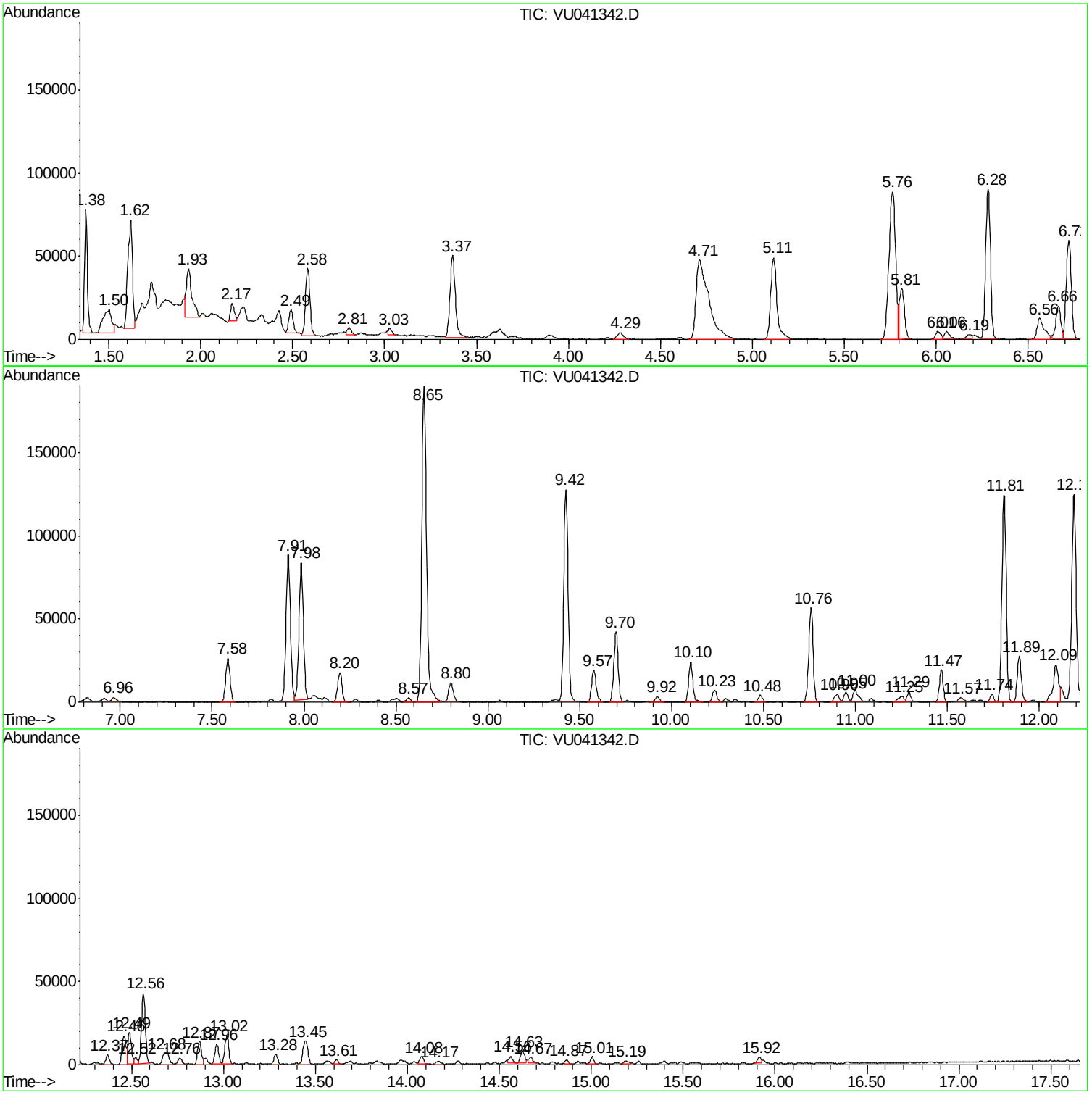
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 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 : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

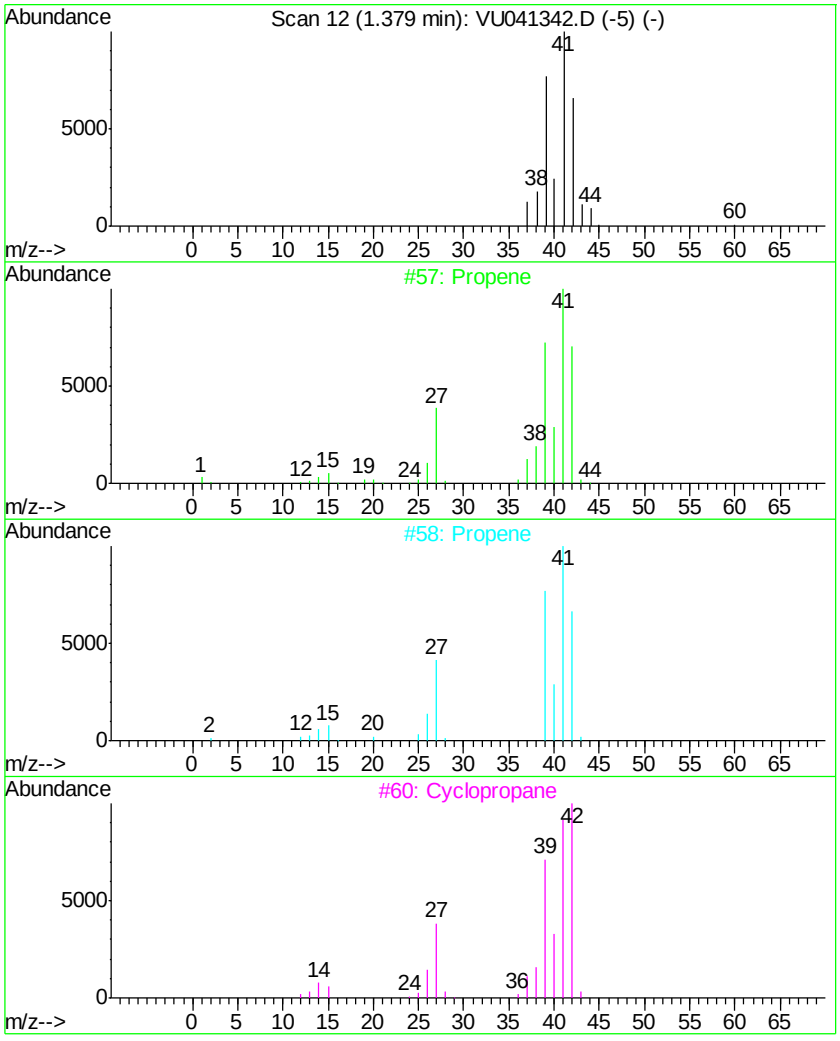
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

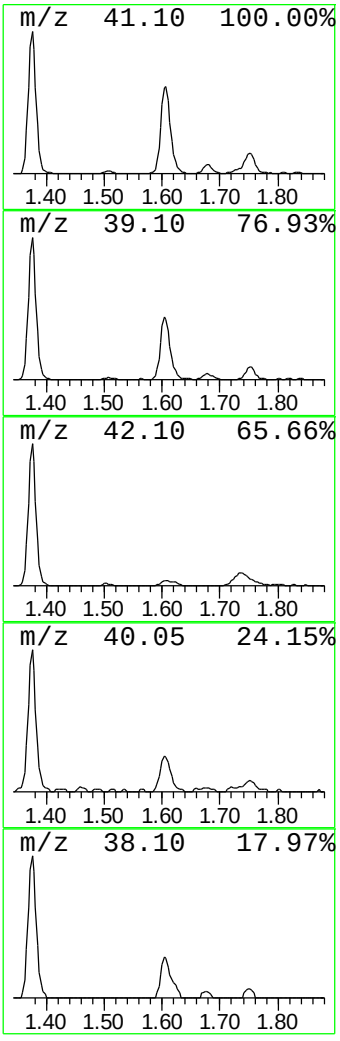
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.38	2.35 ug/L	75871	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	56
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

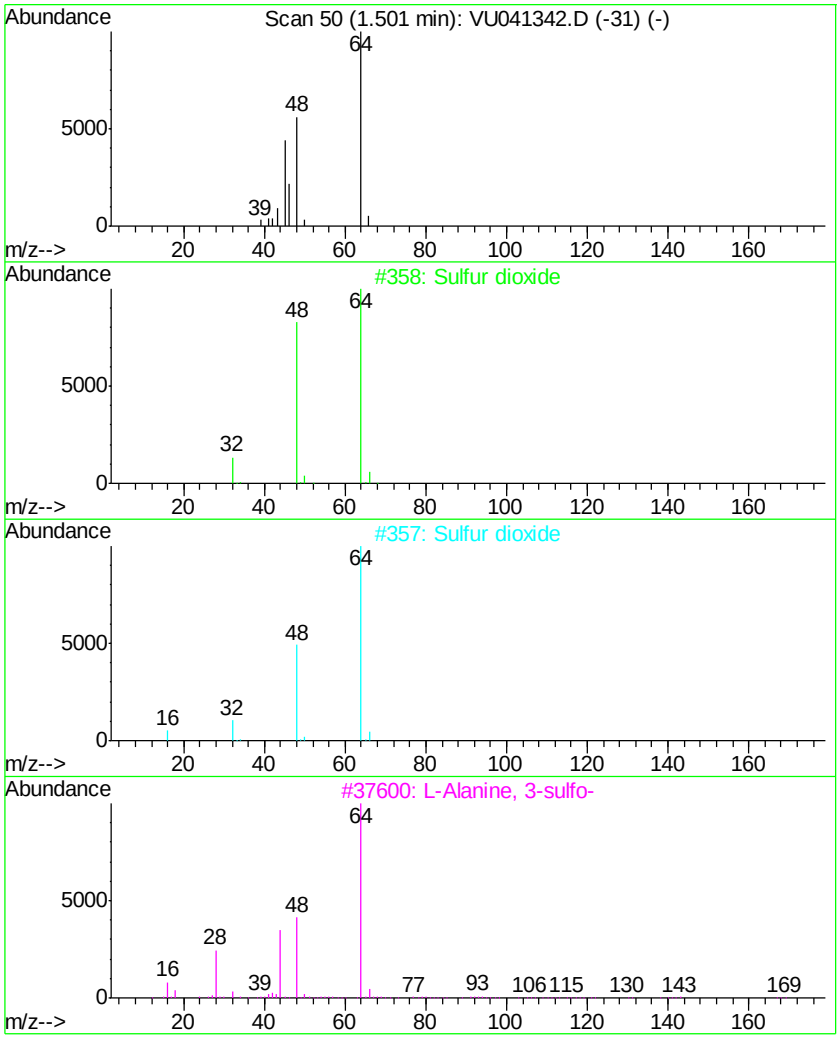
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

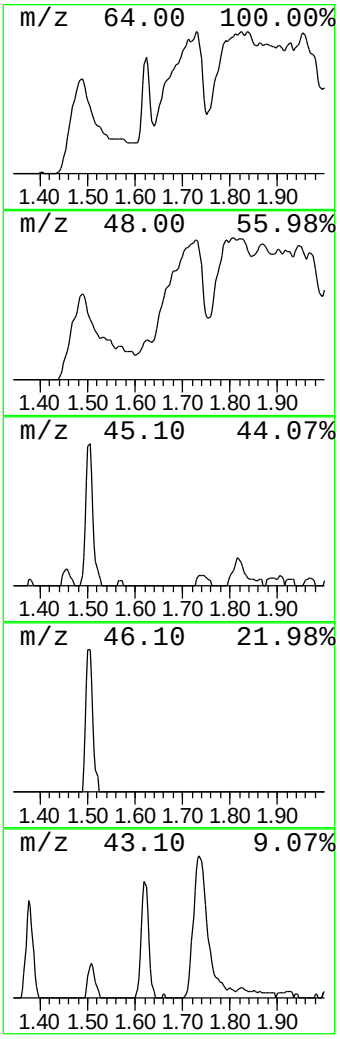
****

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	1.41 ug/L	45303	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	56
2	Sulfur dioxide	64	O2S	007446-09-5	56
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	40
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

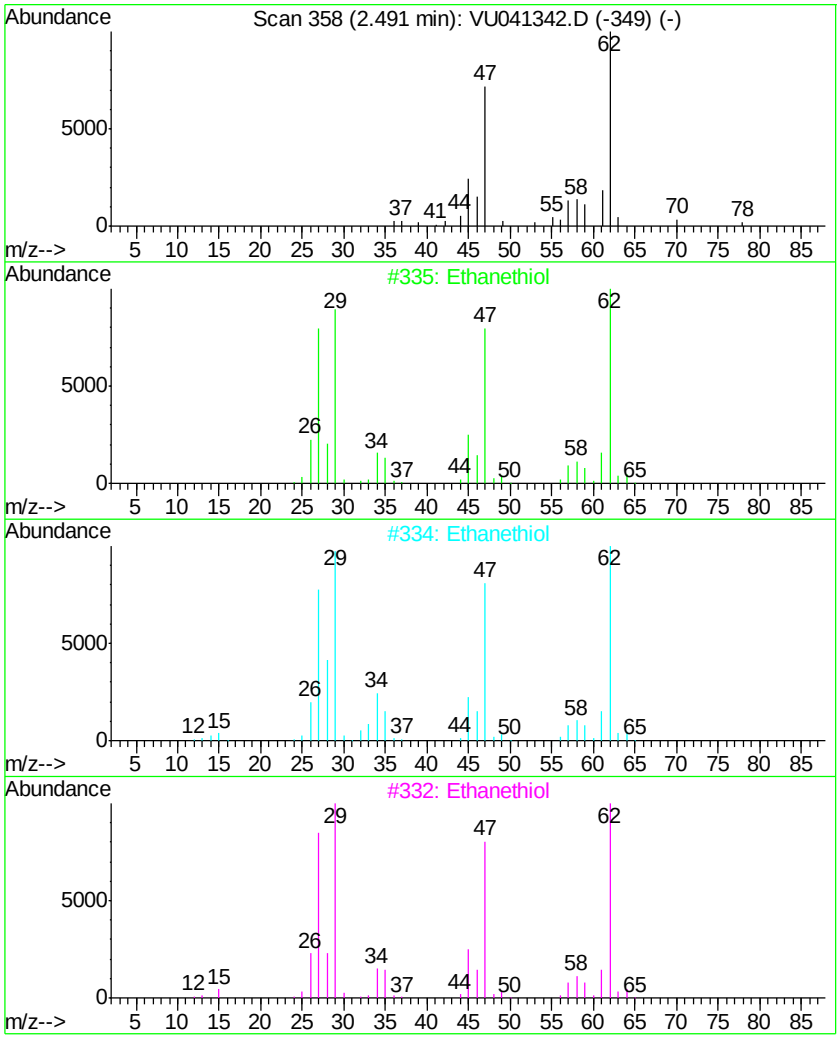
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

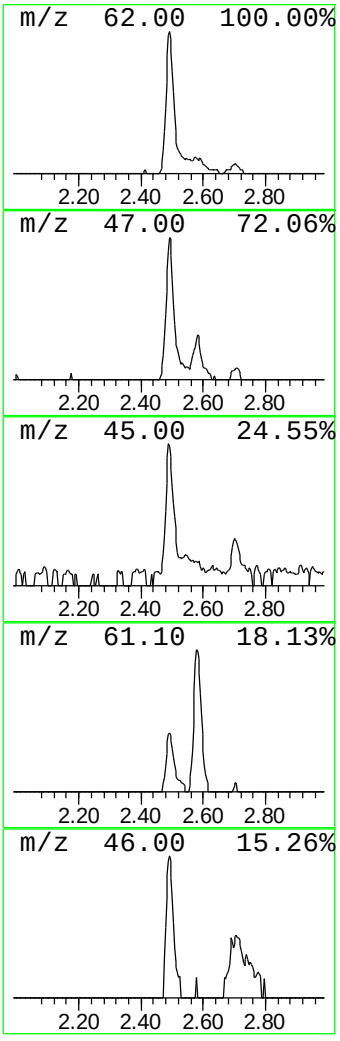
****

Peak Number 3 Ethanethiol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	0.71 ug/L	22869	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	87
2	Ethanethiol	62	C2H6S	000075-08-1	87
3	Ethanethiol	62	C2H6S	000075-08-1	87
4	Ethanethiol	62	C2H6S	000075-08-1	86
5	Ethanethiol	62	C2H6S	000075-08-1	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

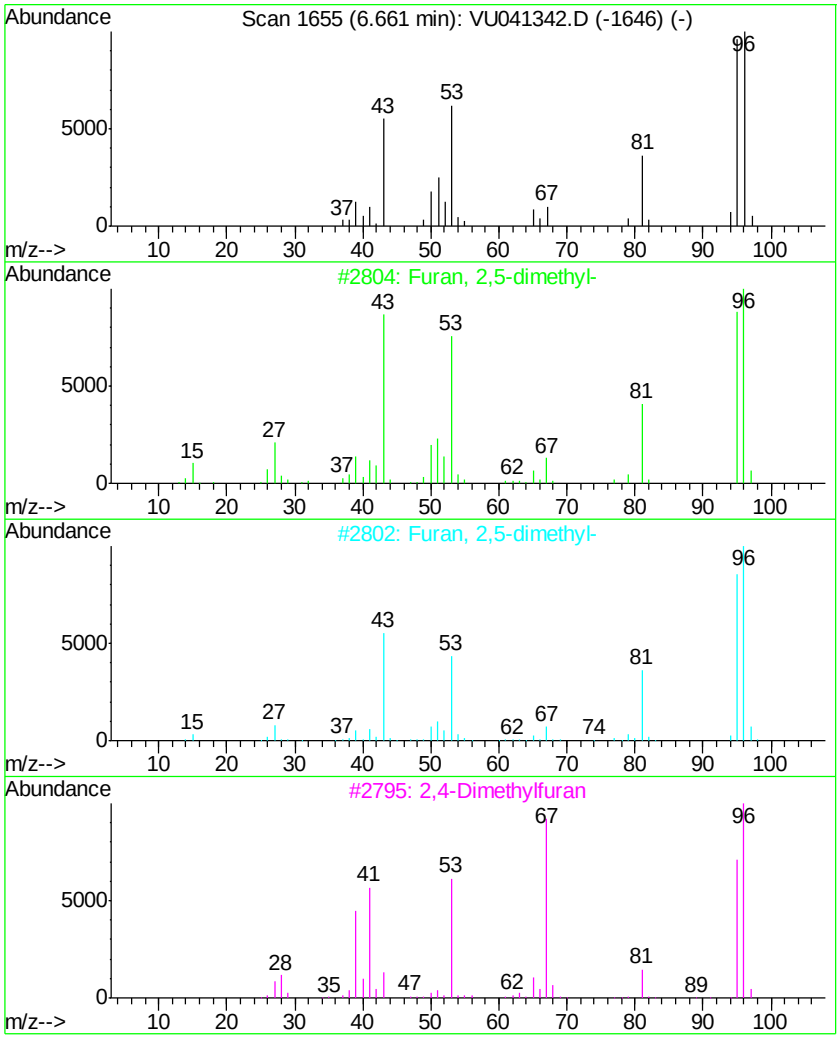
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

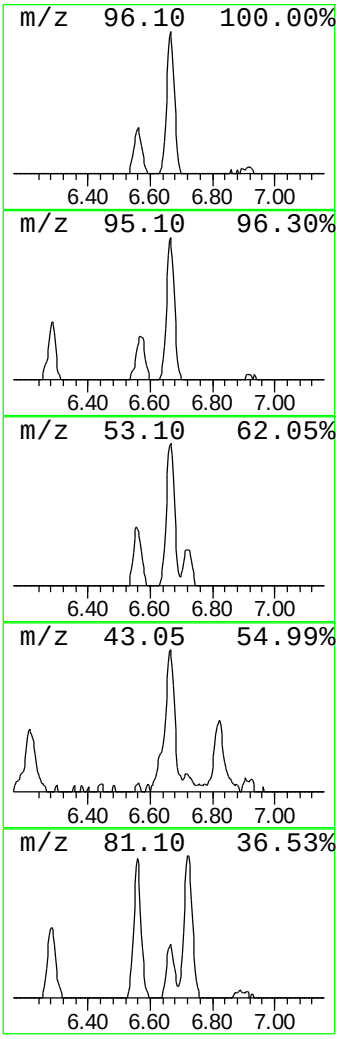
****

Peak Number 4 Furan, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	1.15 ug/L	36968	1,4-Difluorobenzene	6.28

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	2,4-Dimethylfuran	96	C6H8O	003710-43-8	56
4	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	43
5	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

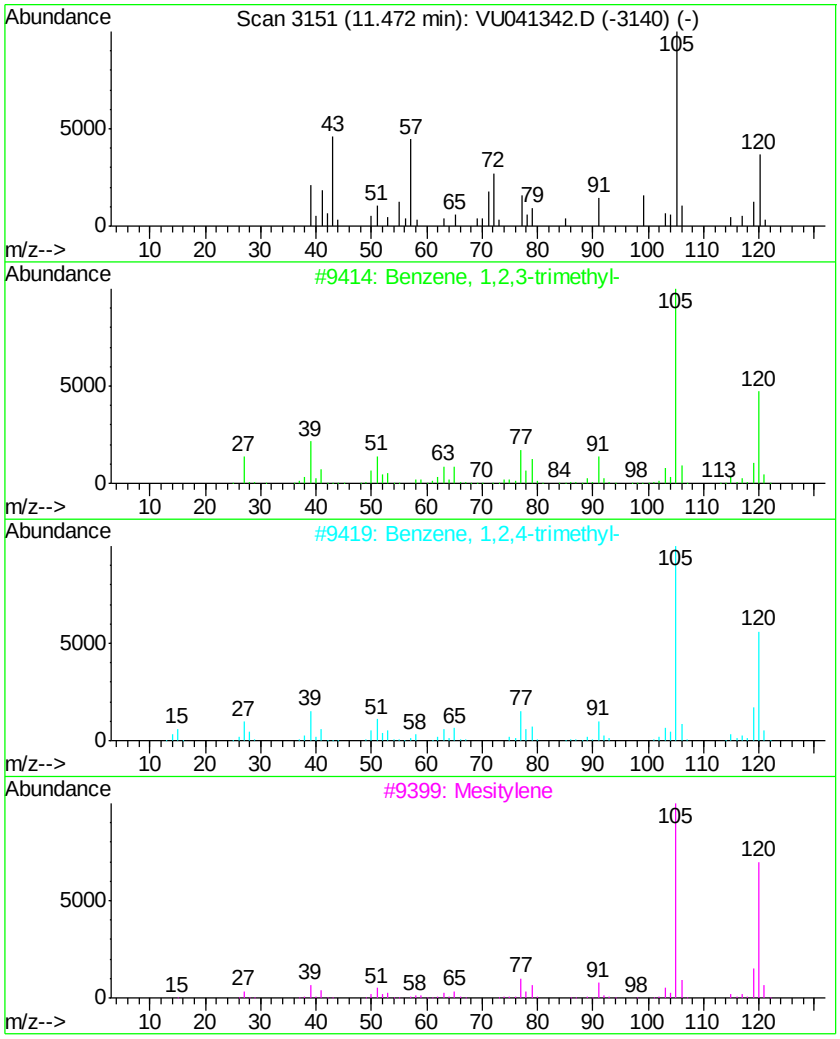
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

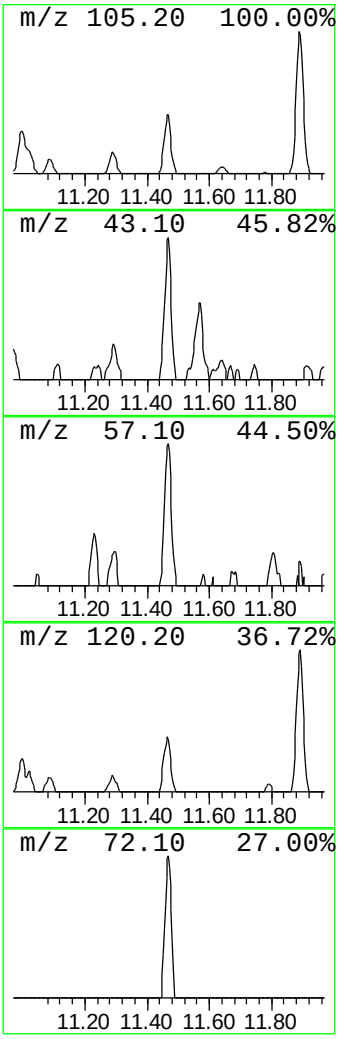
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.70 ug/L	27859	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	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
3	Mesitylene	120	C9H12	000108-67-8	76
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

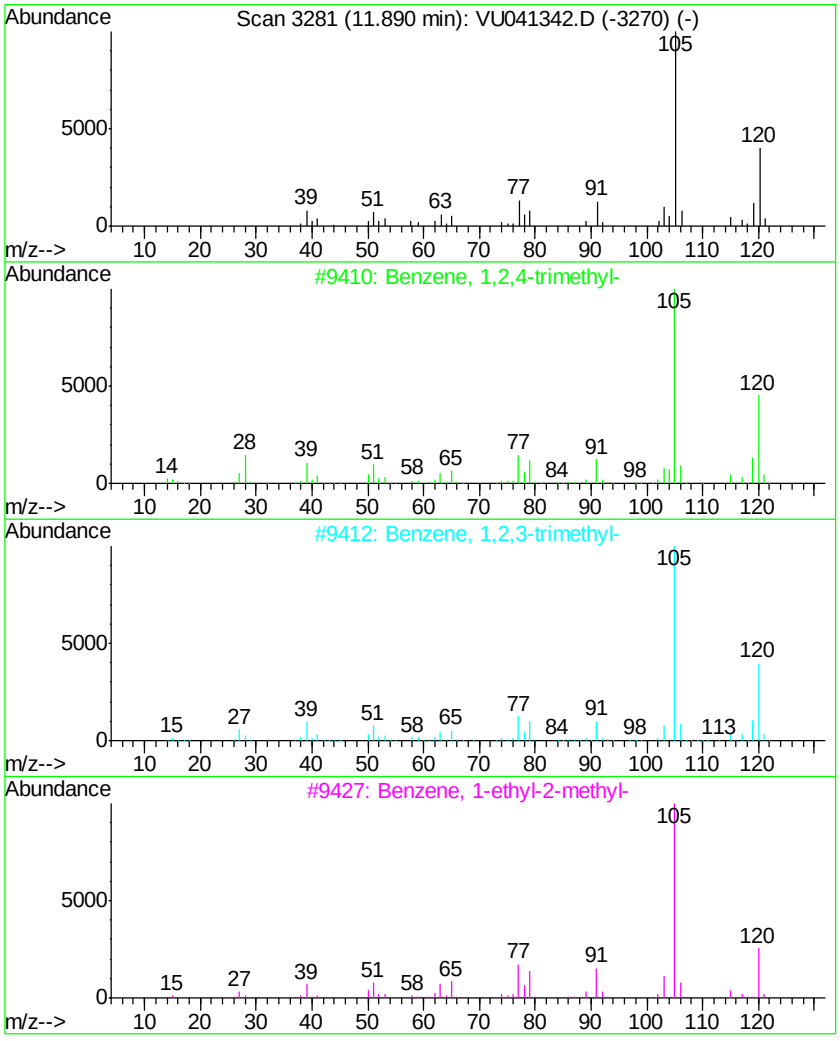
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

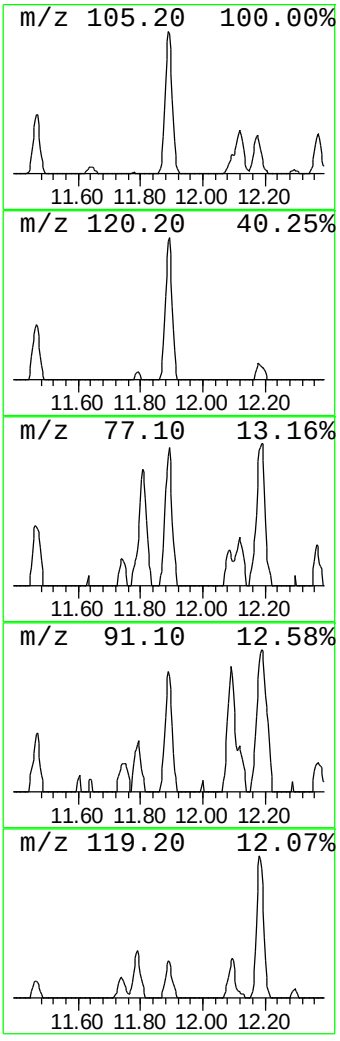
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	1.09 ug/L	43690	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

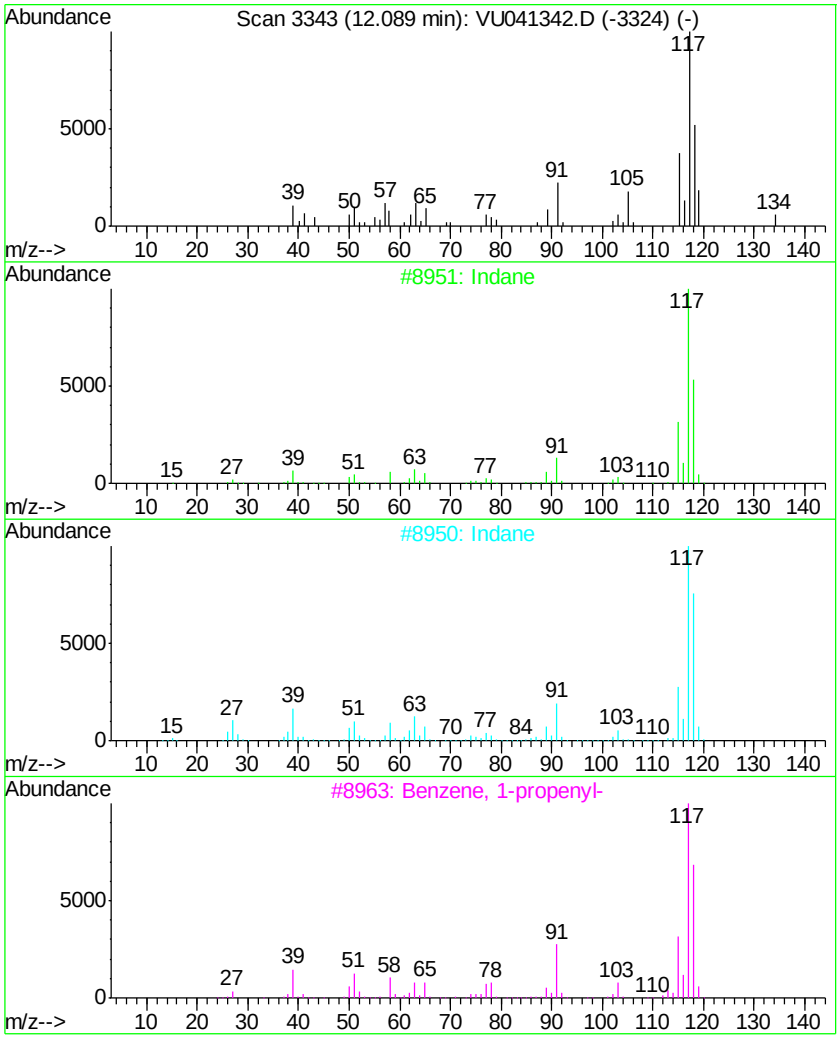
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

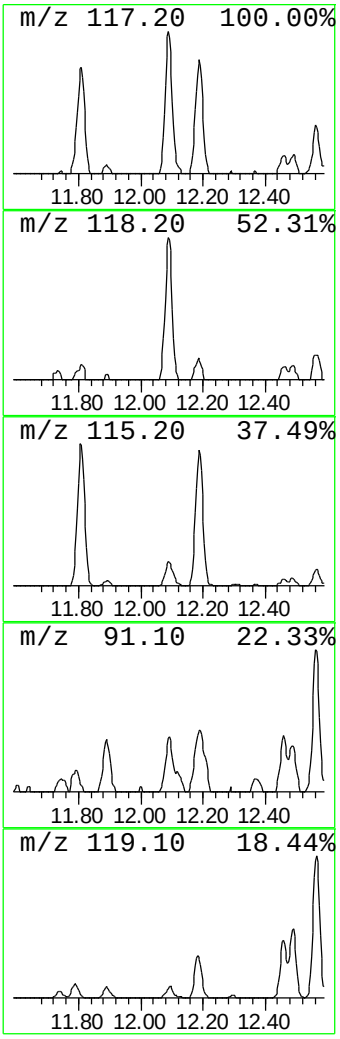
****

Peak Number 8 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	1.18 ug/L	47294	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

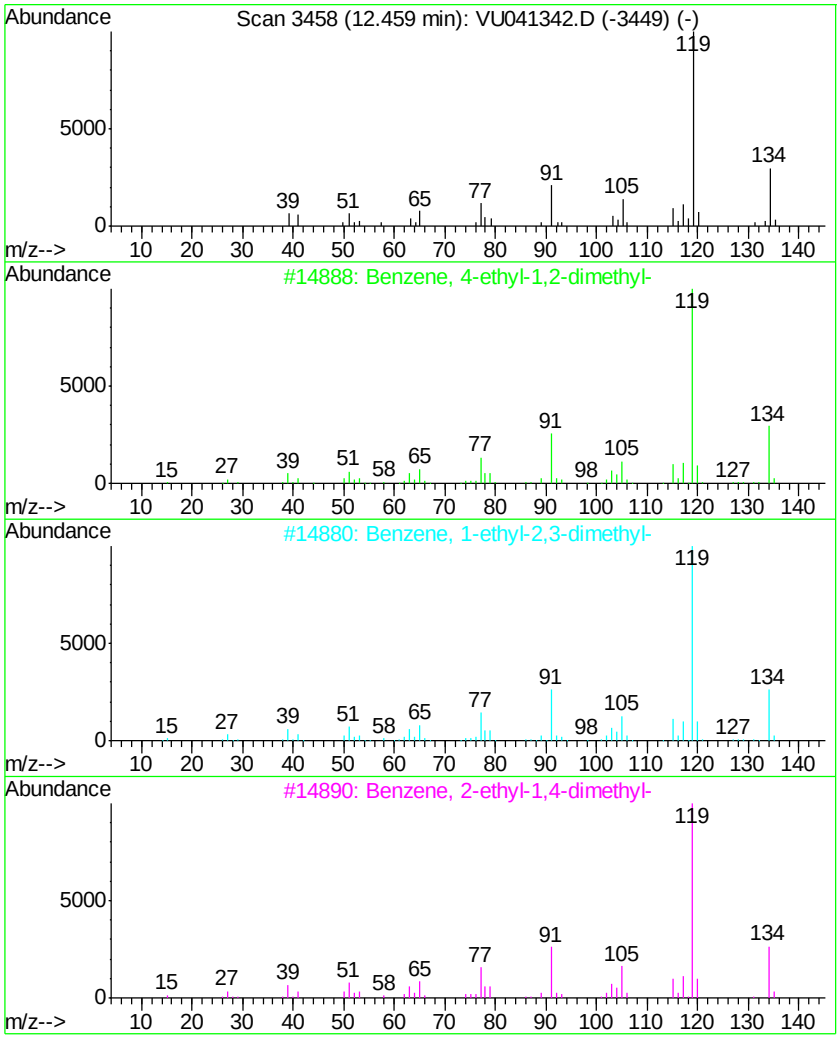
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

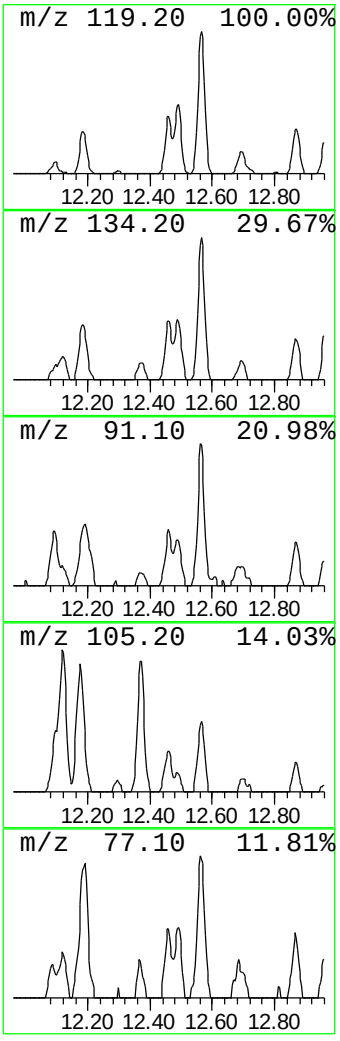
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.65 ug/L	26184	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	97
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

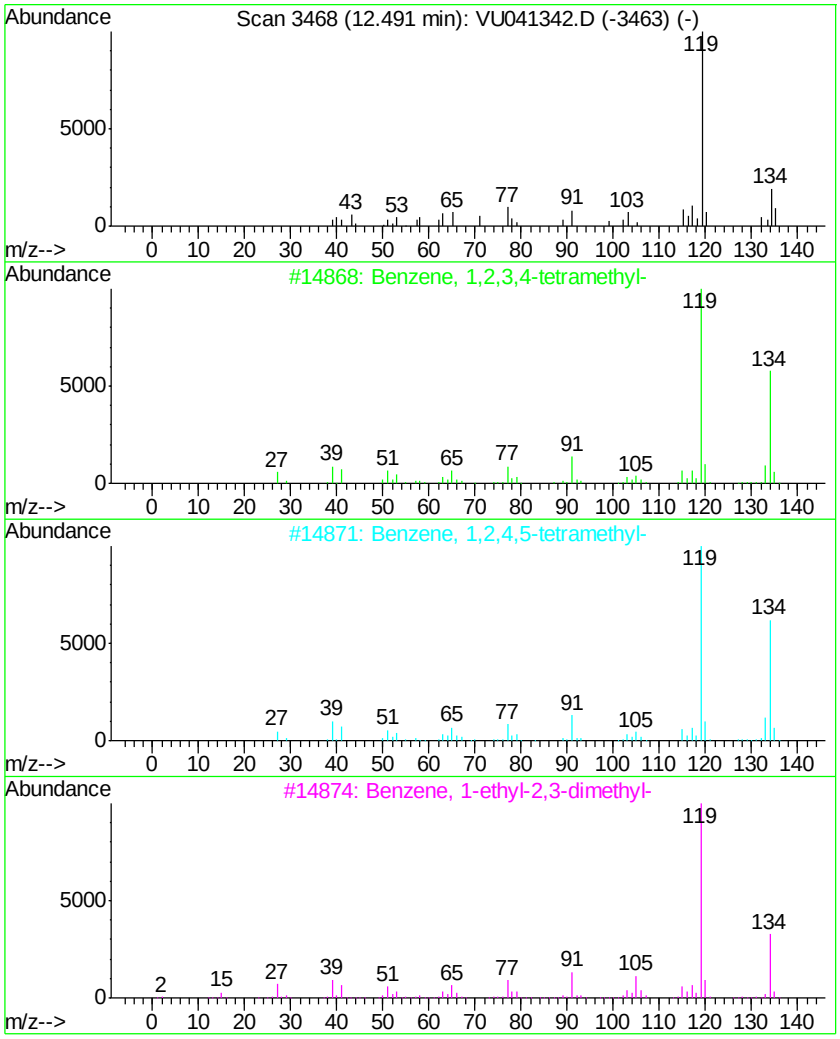
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

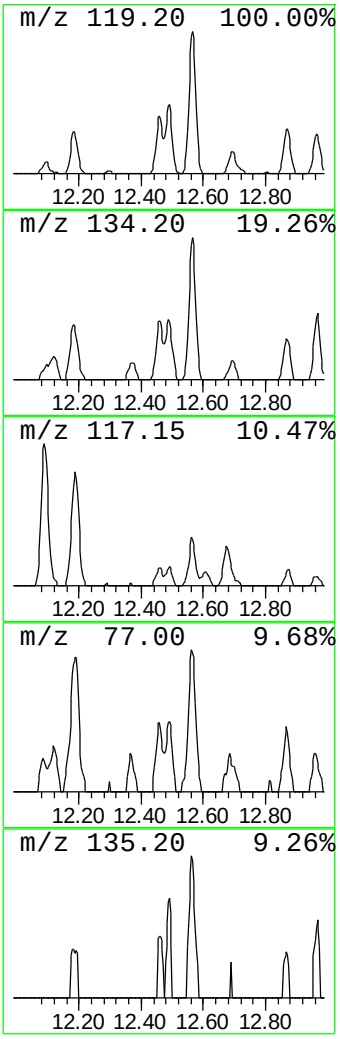
****

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	0.64 ug/L	25499	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	86
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

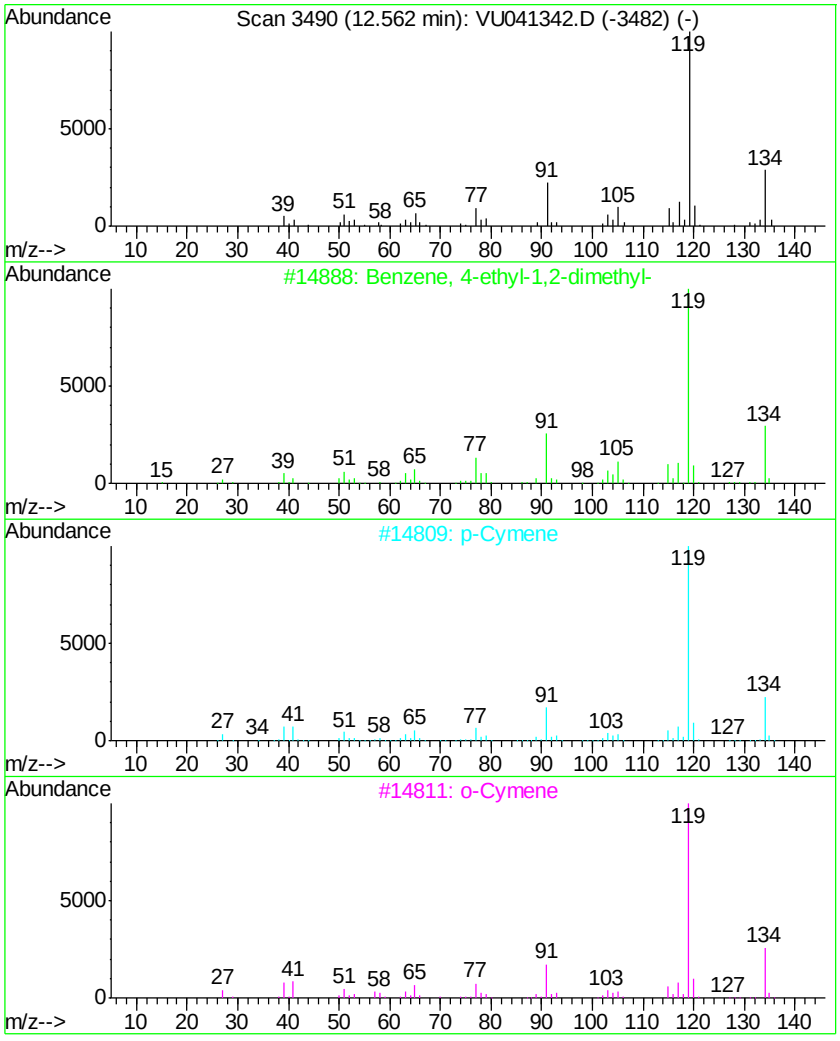
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

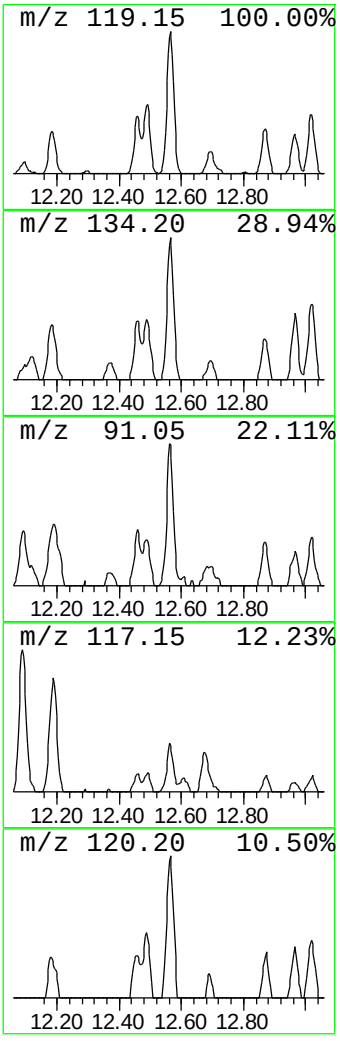
****

Peak Number 11 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	1.56 ug/L	62486	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

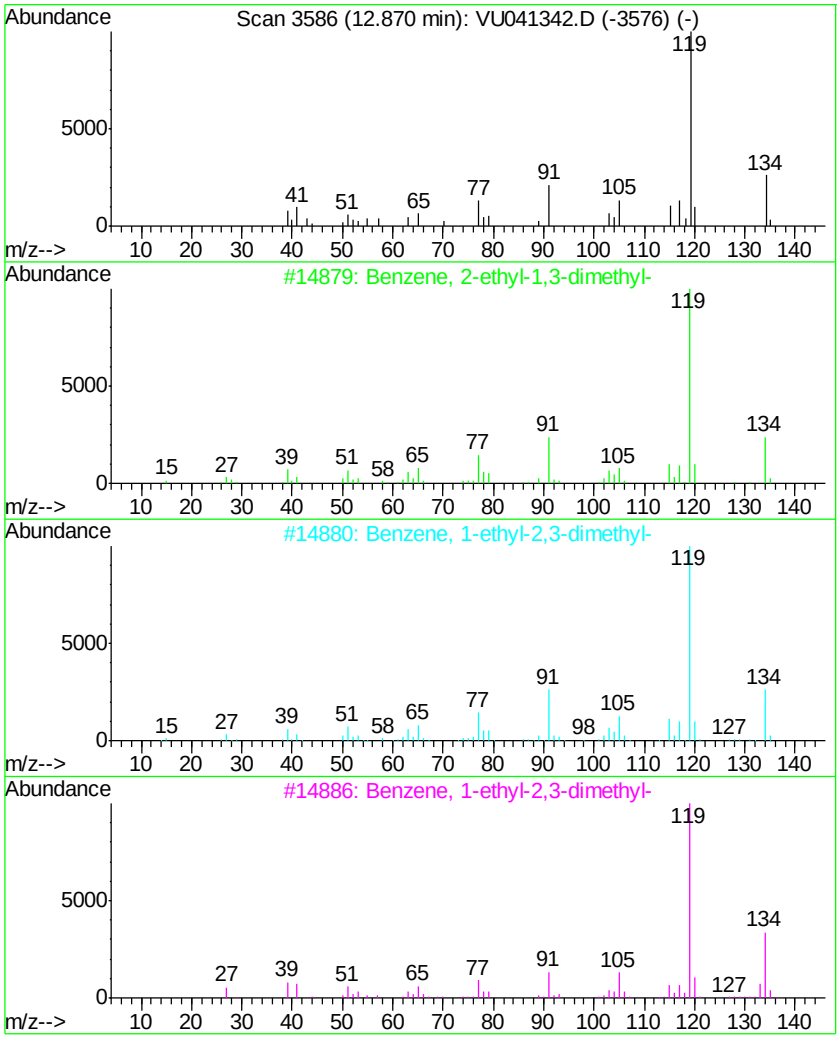
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

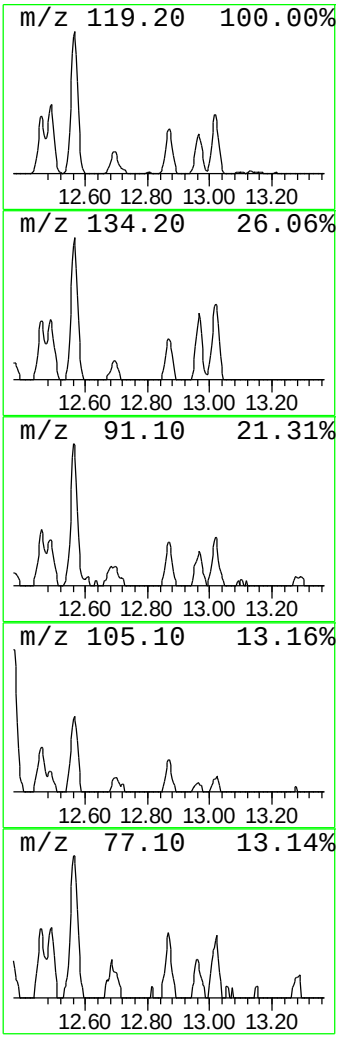
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	0.52 ug/L	20763	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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 : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

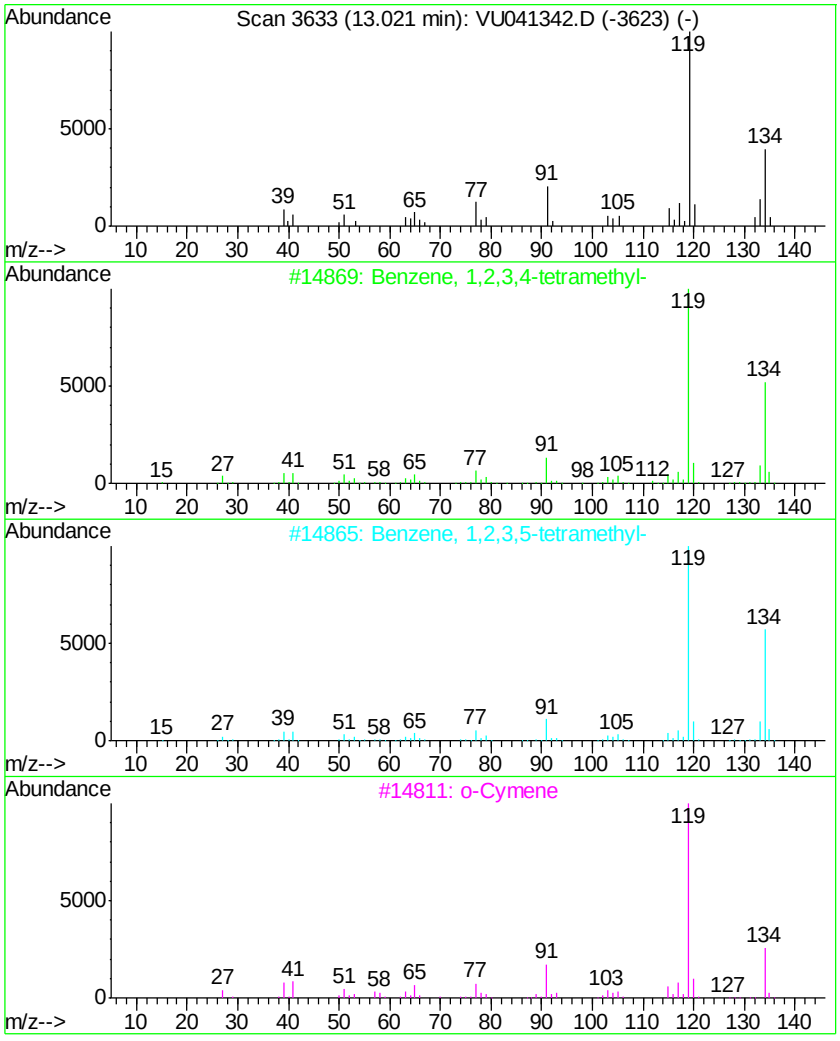
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

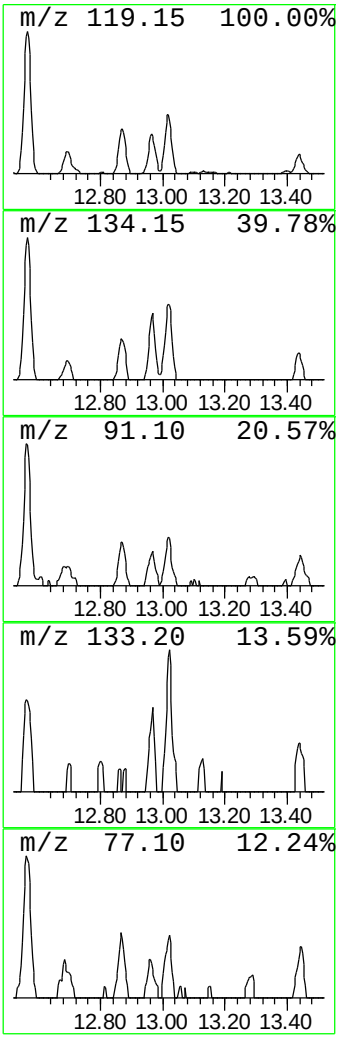
****

Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	0.64 ug/L	25542	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	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4391

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

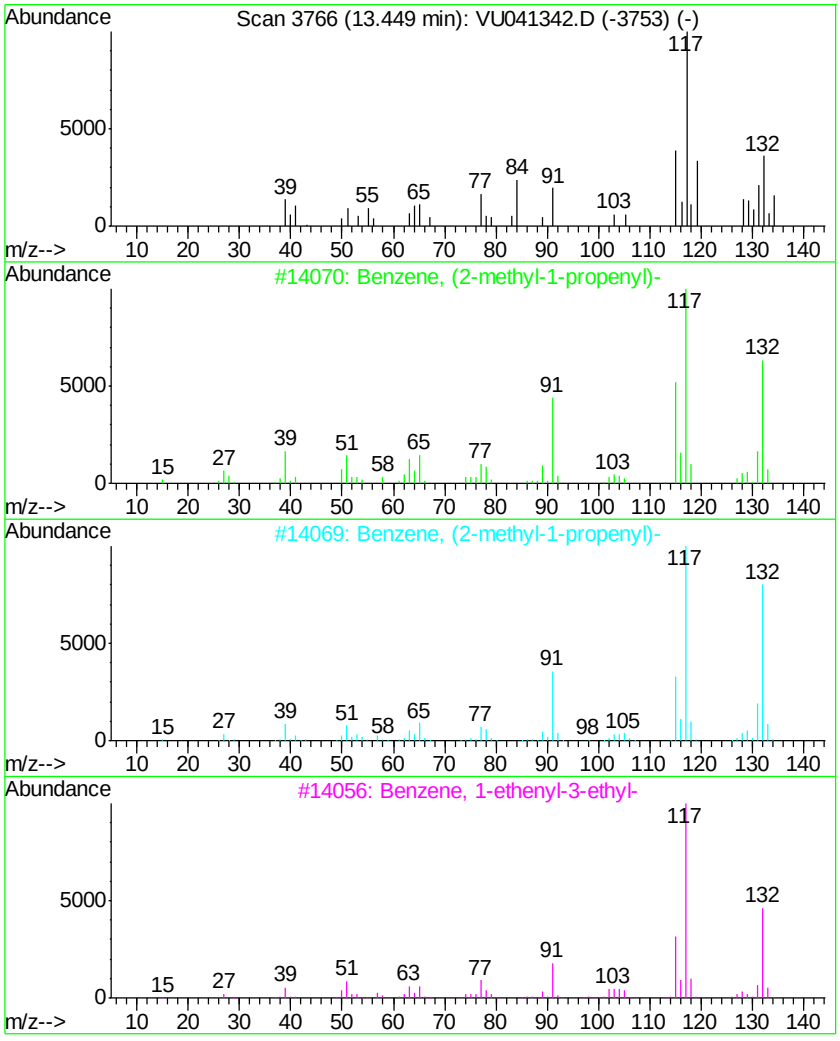
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

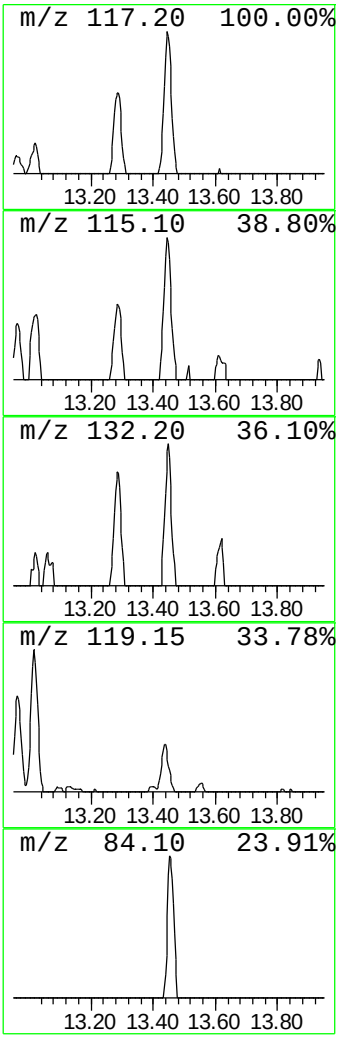
****

Peak Number 14 Benzene, (2-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	0.65 ug/L	26086	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041342.D
Acq On : 19 Nov 2020 14:43
Operator : SY/MD
Sample : L4790-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 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...	1.38	2.4	ug/L	75871	1	6.28	161126	5.0
Sulfur dioxide	1.50	1.4	ug/L	45303	1	6.28	161126	5.0
Ethanethiol	2.49	0.7	ug/L	22869	1	6.28	161126	5.0
Furan, 2,5-dimethyl-	6.66	1.1	ug/L	36968	1	6.28	161126	5.0
Benzene, 1,2,3-tr...	11.47	0.7	ug/L	27859	3	11.81	200080	5.0
Benzene, 1,2,4-tr...	11.89	1.1	ug/L	43690	3	11.81	200080	5.0
Indane	12.09	1.2	ug/L	47294	3	11.81	200080	5.0
Benzene, 4-ethyl-...	12.46	0.7	ug/L	26184	3	11.81	200080	5.0
Benzene, 1,2,3,4-...	12.49	0.6	ug/L	25499	3	11.81	200080	5.0
p-Cymene	12.56	1.6	ug/L	62486	3	11.81	200080	5.0
Benzene, 2-ethyl-...	12.87	0.5	ug/L	20763	3	11.81	200080	5.0
Benzene, 1,2,3,5-...	13.02	0.6	ug/L	25542	3	11.81	200080	5.0
Benzene, (2-methy...	13.45	0.7	ug/L	26086	3	11.81	200080	5.0