LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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	1.369	3	9	22	rVB	76698	77064	21.66%	2.160%
2	1.449	29	34	40	rBV4	2428	3593	1.01%	0.101%
3	1.494	44	48	54	rVB3	6905	7363	2.07%	0.206%
4	1.607	72	83	92	rVB3	75271	124772	35.07%	3.497%
5	1.668	97	102	107	rVB2	4201	4170	1.17%	0.117%
6	1.739	110	124	132	rBV2	31069	74804	21.02%	2.097%
7	1.922	174	181	190	rVB	26779	33250	9.35%	0.932%
8	2.417	329	335	345	rVB3	12423	19675	5.53%	0.551%
9	2.481	346	355	373	rVV2	12050	25120	7.06%	0.704%
10	2.571	373	383	400	rVB	58241	96205	27.04%	2.696%
11	3.366	617	630	651	rBV2	48295	96209	27.04%	2.697%
12	3.896	784	795	801	rBV5	2968	5179	1.46%	0.145%
13	4.279	903	914	926	rBV6	4028	8296	2.33%	0.233%
14	4.703	1028	1046	1054	rBV2	42410	105360	29.61%	2.953%
15	5.095	1153	1168	1181	rBV	59150	124570	35.01%	3.491%
16	5.748	1353	1371	1381	rBV2	114339	275336	77.39%	7.717%
17	6.002	1439	1450	1458	rBV4	4201	9127	2.57%	0.256%
18	6.044	1460	1463	1477	rVB4	3207	4233	1.19%	0.119%
19	6.176	1495	1504	1510	rBV5	2079	4144	1.16%	0.116%
20	6.269	1521	1533	1553	rVB	85472	158004	44.41%	4.429%
21	6.552	1608	1621	1640	rBV7	11906	31499	8.85%	0.883%
22	6.655	1640	1653	1660	rBV2	18467	31326	8.80%	0.878%
23	6.713	1660	1671	1689	rVB	72016	137394	38.62%	3.851%
24	6.960	1739	1748	1761	rVB	2405	4337	1.22%	0.122%
25	7.581	1928	1941	1954	rBV	33280	56444	15.86%	1.582%
26	7.909	2029	2043	2055	rBV	113725	191748	53.89%	5.374%
27	7.980	2055	2065	2079	rVV	80743	138453	38.91%	3.881%
28	8.054	2079	2088	2098	rVV5	3239	6715	1.89%	0.188%
29	8.115	2099	2107	2117	rVV7	2774	5852	1.64%	0.164%
30	8.189	2120	2130	2146	rVV	22908	37849	10.64%	1.061%
31	8.652	2260	2274	2309	rBV	189687	355798	100.00%	9.972%
32	8.796	2309	2319	2335	rVB3	12181	20741	5.83%	0.581%
33	9.420	2502	2513	2532	rVB	125241	205189	57.67%	5.751%
34	9.571	2549	2560	2576	rBV	18717	30703	8.63%	0.861%

LSC Area Percent Report

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Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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	9.693	2584	2598	2610	rBV	40713	65953	18.54%	1.849%
36	9.922	2662	2669	2679	rVB5	2966	4793	1.35%	0.134%
37	10.102	2712	2725	2734	rBV2	23444	35581	10.00%	0.997%
38	10.234	2756	2766	2777	rVB5	6129	10910	3.07%	0.306%
39	10.481	2833	2843	2855	rBV4	3750	5324	1.50%	0.149%
40	10.758	2916	2929	2942	rBV	60431	98601	27.71%	2.764%
41	10.896	2962	2972	2980	rBV7	4626	6835	1.92%	0.192%
42	10.947	2980	2988	2996	rBV5	5415	7760	2.18%	0.217%
43	10.996	2996	3003	3008	rBV2	5822	7567	2.13%	0.212%
44	11.250	3069	3082	3088	rBV6	3555	6826	1.92%	0.191%
45	11.291	3088	3095	3103	rVB4	5257	7228	2.03%	0.203%
46	11.465	3139	3149	3160	rBV2	17758	25688	7.22%	0.720%
47	11.741	3227	3235	3241	rBV4	4413	5643	1.59%	0.158%
48	11.806	3241	3255	3269	rVB	116989	187393	52.67%	5.252%
49	11.889	3270	3281	3294	rBV2	27283	41867	11.77%	1.173%
50	12.057	3323	3333	3336	rBV3	6743	9061	2.55%	0.254%
51	12.092	3336	3344	3351	rVV2	16665	25914	7.28%	0.726%
52	12.188	3362	3374	3389	rVB2	141101	231506	65.07%	6.489%
53	12.372	3422	3431	3441	rVB2	5686	7711	2.17%	0.216%
54	12.459	3448	3458	3462	rBV	16928	23698	6.66%	0.664%
55	12.487	3462	3467	3475	rVB	14732	21699	6.10%	0.608%
56	12.565	3482	3491	3499	rVB	41258	59145	16.62%	1.658%
57	12.690	3516	3530	3545	rVB5	7412	17173	4.83%	0.481%
58	12.870	3577	3586	3594	rBV2	13252	20442	5.75%	0.573%
59	12.963	3605	3615	3623	rBV2	11498	16269	4.57%	0.456%
60	13.018	3623	3632	3643	rVB	17093	25062	7.04%	0.702%
61	13.282	3706	3714	3723	rBV5	6039	8467	2.38%	0.237%
62	13.446	3754	3765	3775	rVB7	14035	24956	7.01%	0.699%
63	13.568	3793	3803	3809	rBV8	2697	4813	1.35%	0.135%
64	13.616	3811	3818	3824	rVB4	3084	4125	1.16%	0.116%
65	14.076	3955	3961	3970	rVB4	4251	5839	1.64%	0.164%
66	14.172	3981	3991	4005	rVB6	2057	4326	1.22%	0.121%
67	14.555	4099	4110	4112	rBV8	3143	4382	1.23%	0.123%
68	14.622	4123	4131	4138	rBV7	5630	8606	2.42%	0.241%
69	14.671	4141	4146	4152	rVB7	2641	3742	1.05%	0.105%
70	15.005	4242	4250	4258	rVB6	3992	5521	1.55%	0.155%
71	15.912	4524	4532	4545	rBV8	3674	6874	1.93%	0.193%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

Sum of corrected areas: 3567822

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
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Instrument : MSVOA_U
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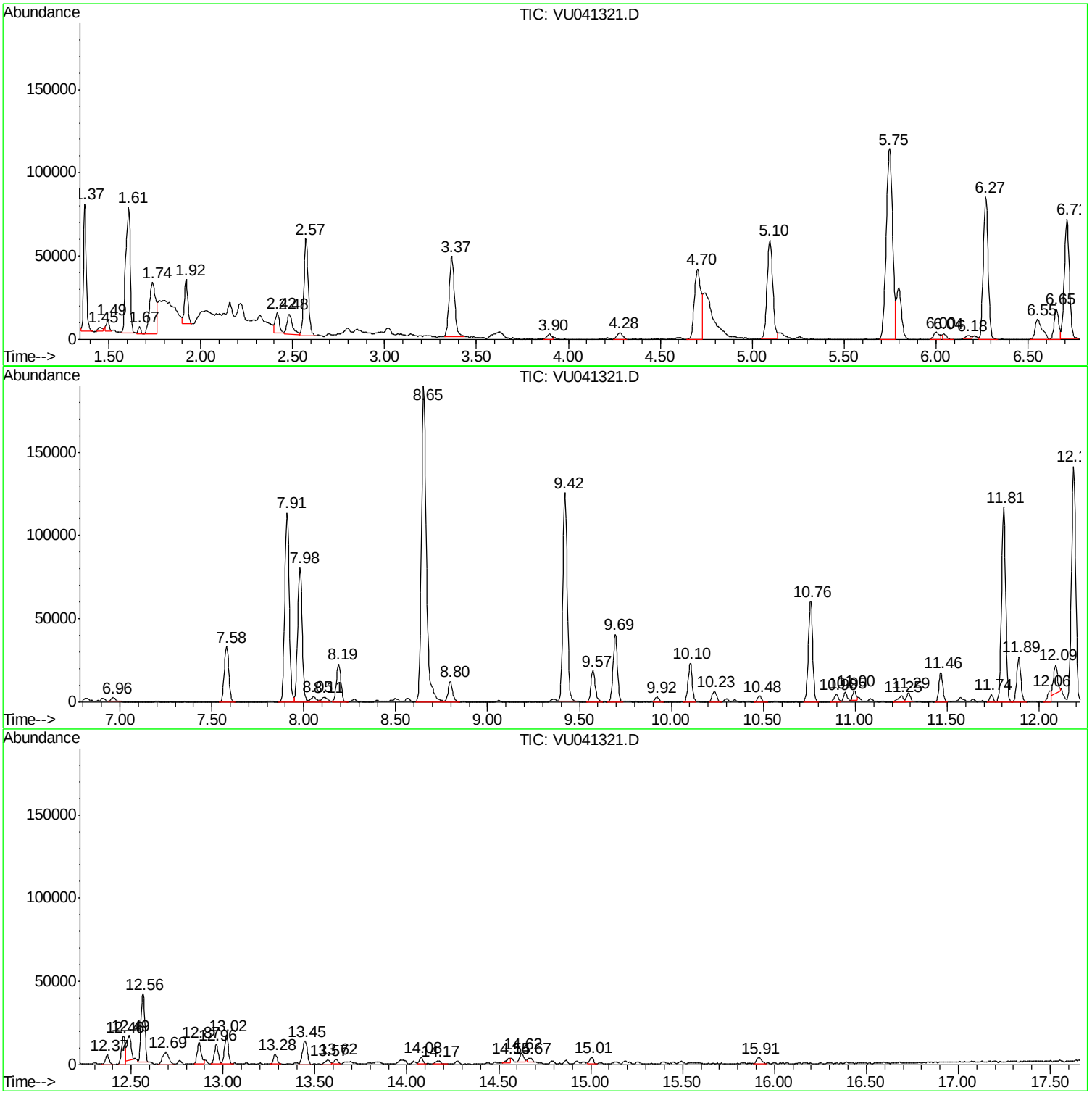
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

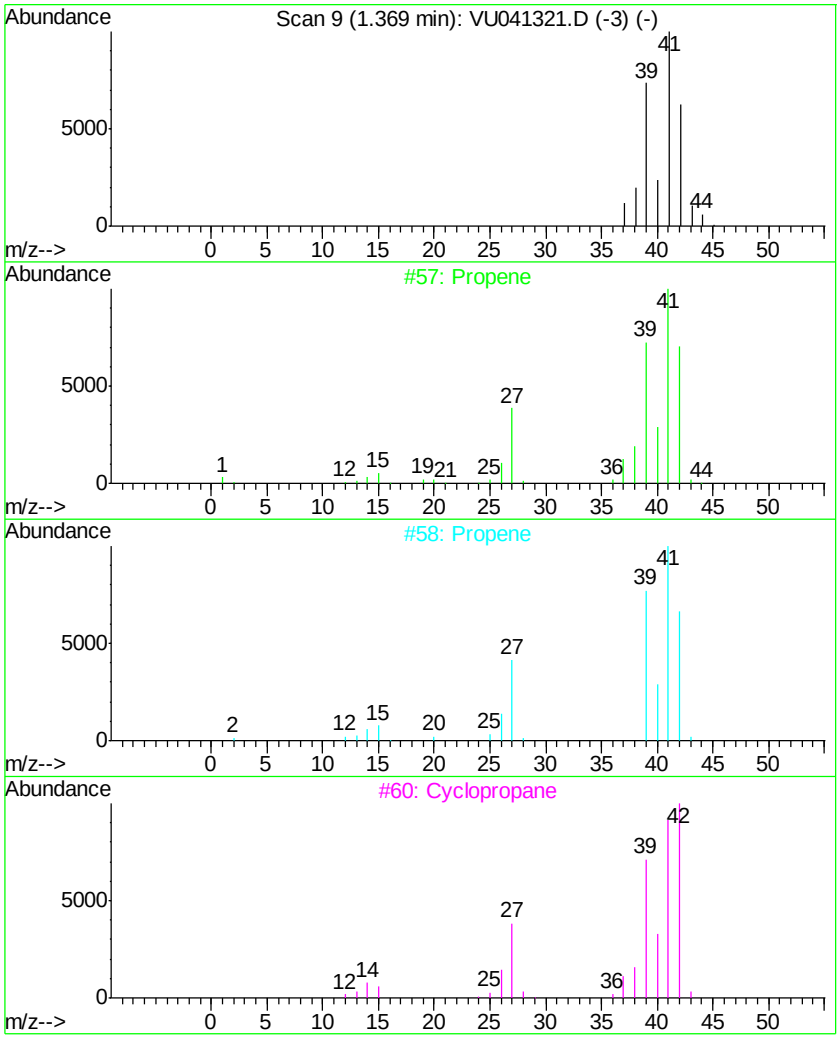
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

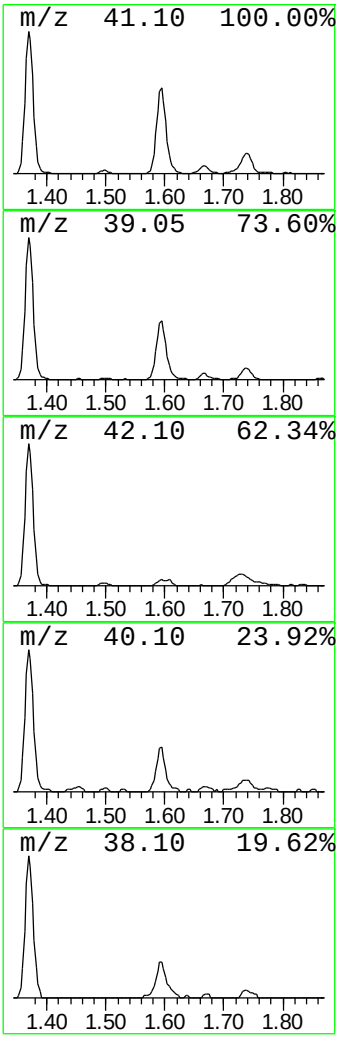
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	2.44 ug/L	77064	1,4-Difluorobenzene	6.27

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 : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

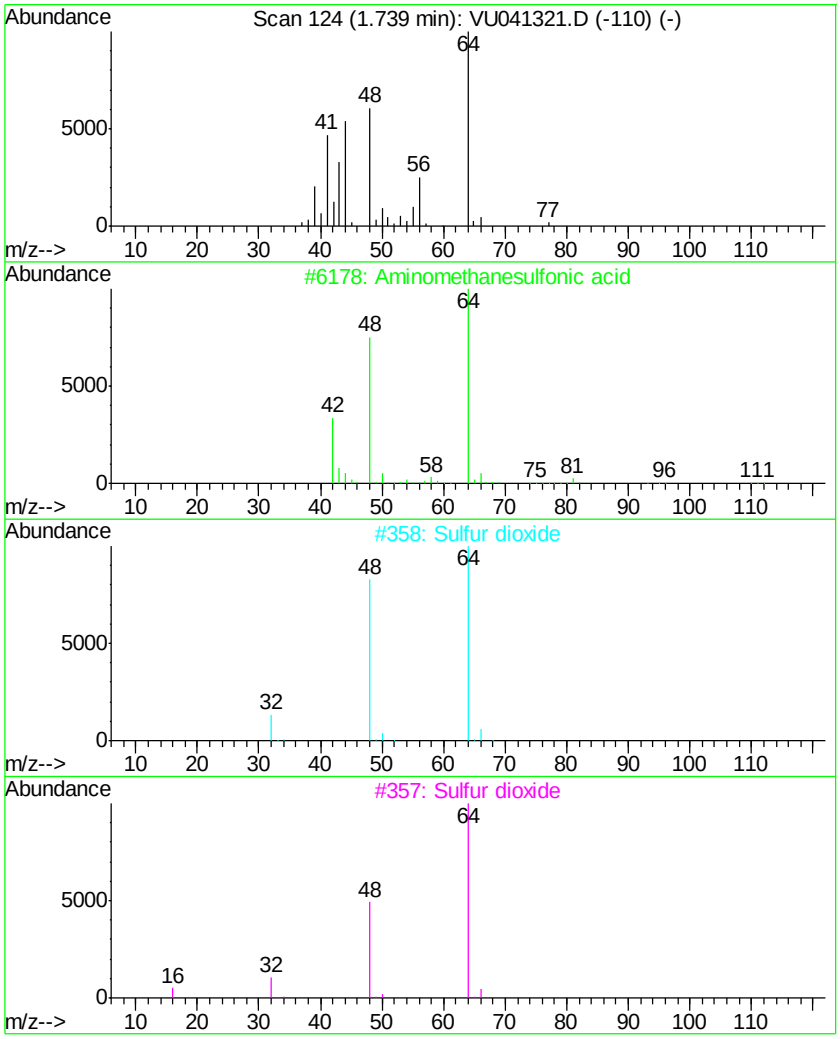
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

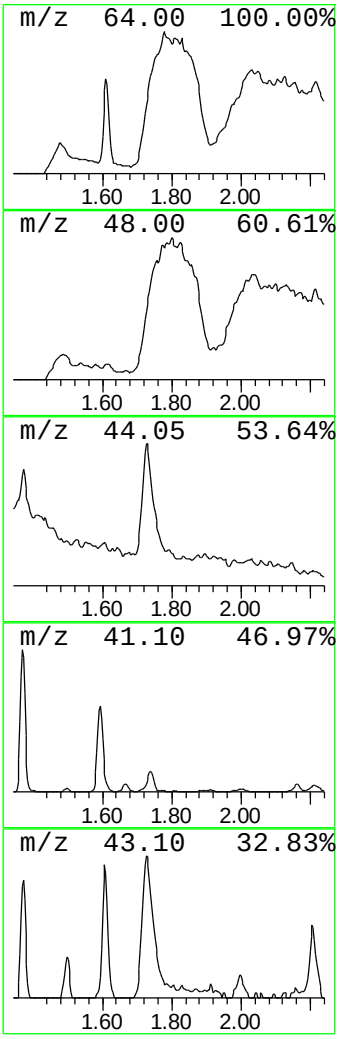
****

Peak Number 2 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	2.37 ug/L	74804	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	50
2	Sulfur dioxide	64	O2S	007446-09-5	50
3	Sulfur dioxide	64	O2S	007446-09-5	50
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	40
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

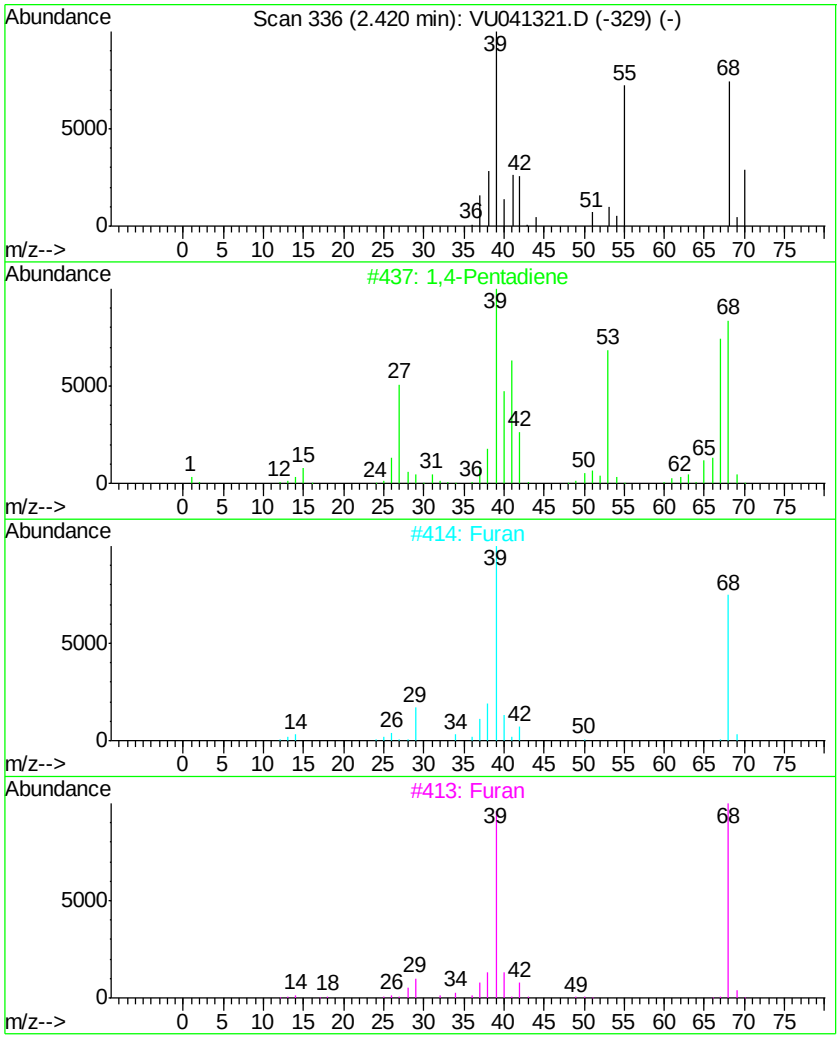
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

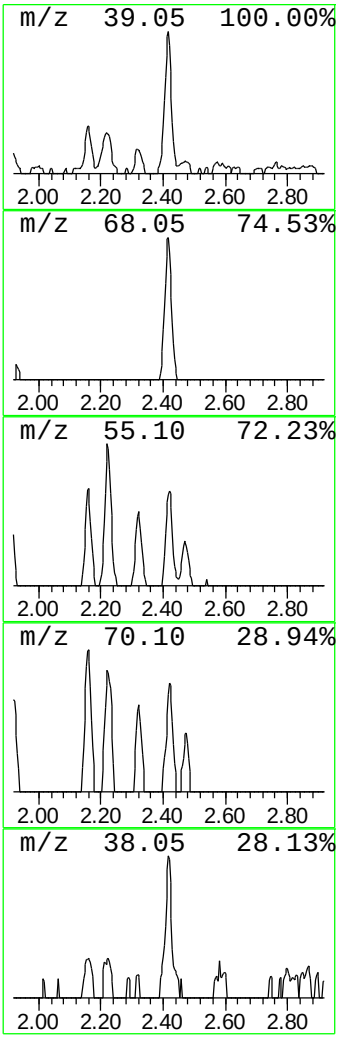
****

Peak Number 3 1,4-Pentadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.42	0.62 ug/L	19675	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene	68	C5H8	000591-93-5	64
2	Furan	68	C4H4O	000110-00-9	59
3	Furan	68	C4H4O	000110-00-9	53
4	1,2-Pentadiene	68	C5H8	000591-95-7	50
5	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
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Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

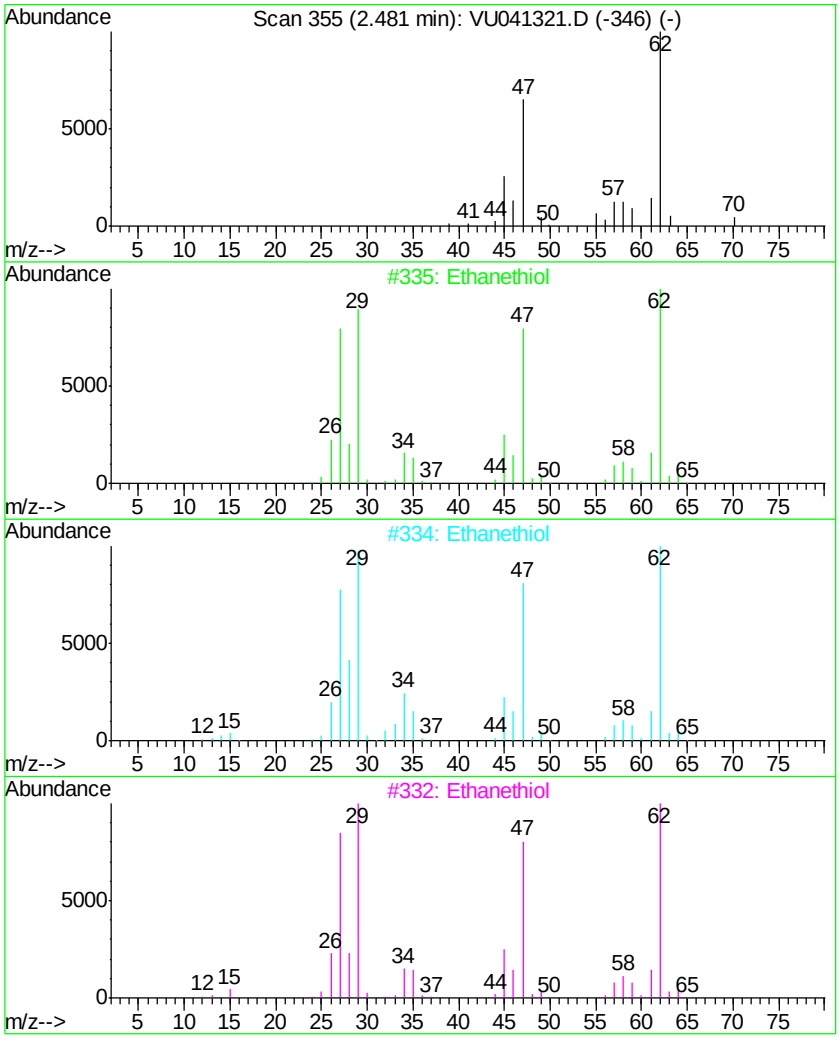
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

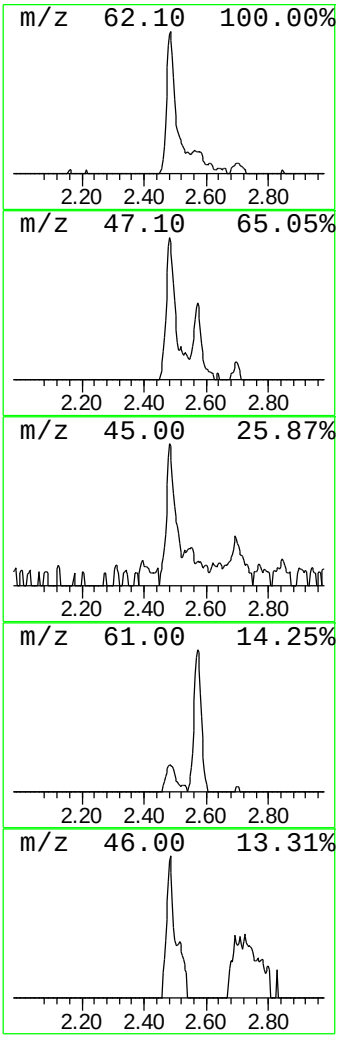
****

Peak Number 4 Ethanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	0.79 ug/L	25120	1,4-Difluorobenzene	6.27

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





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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

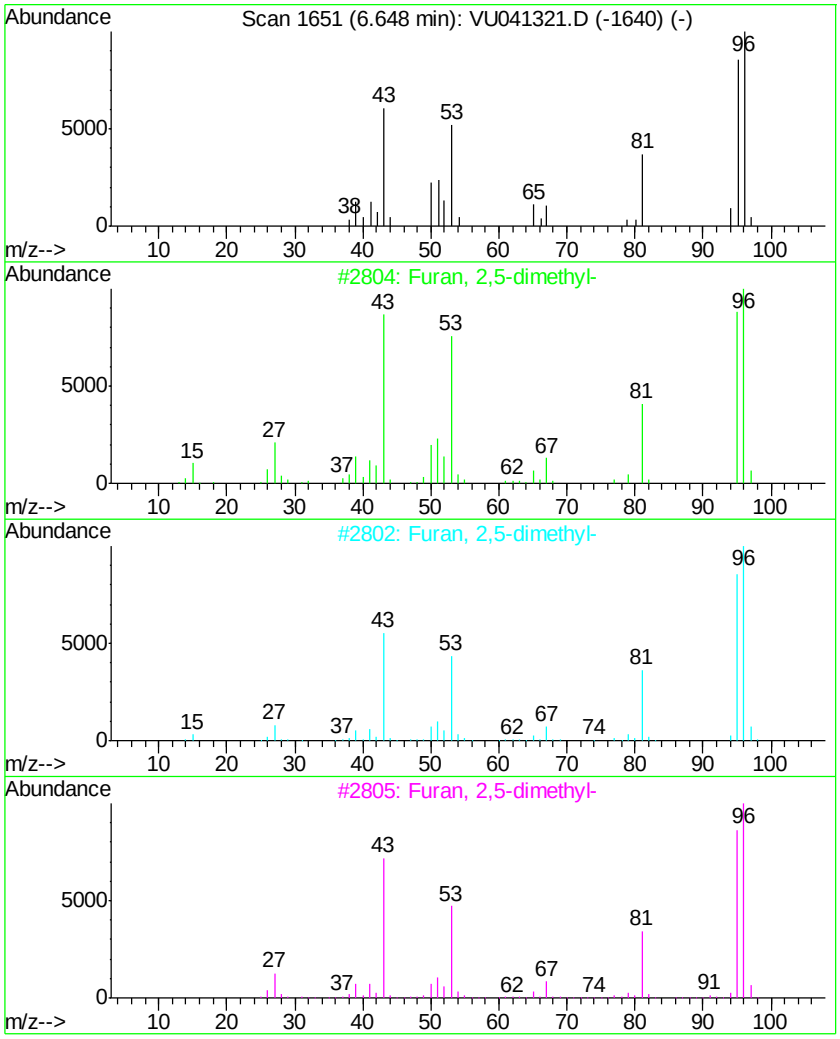
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

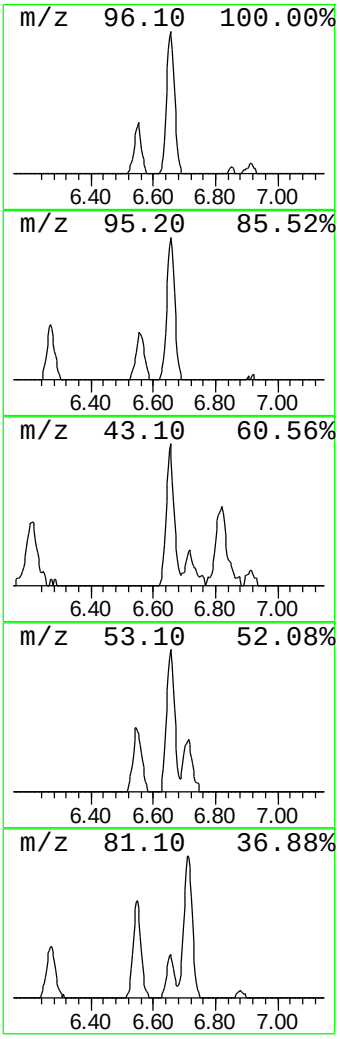
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	0.99 ug/L	31326	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	94
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





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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

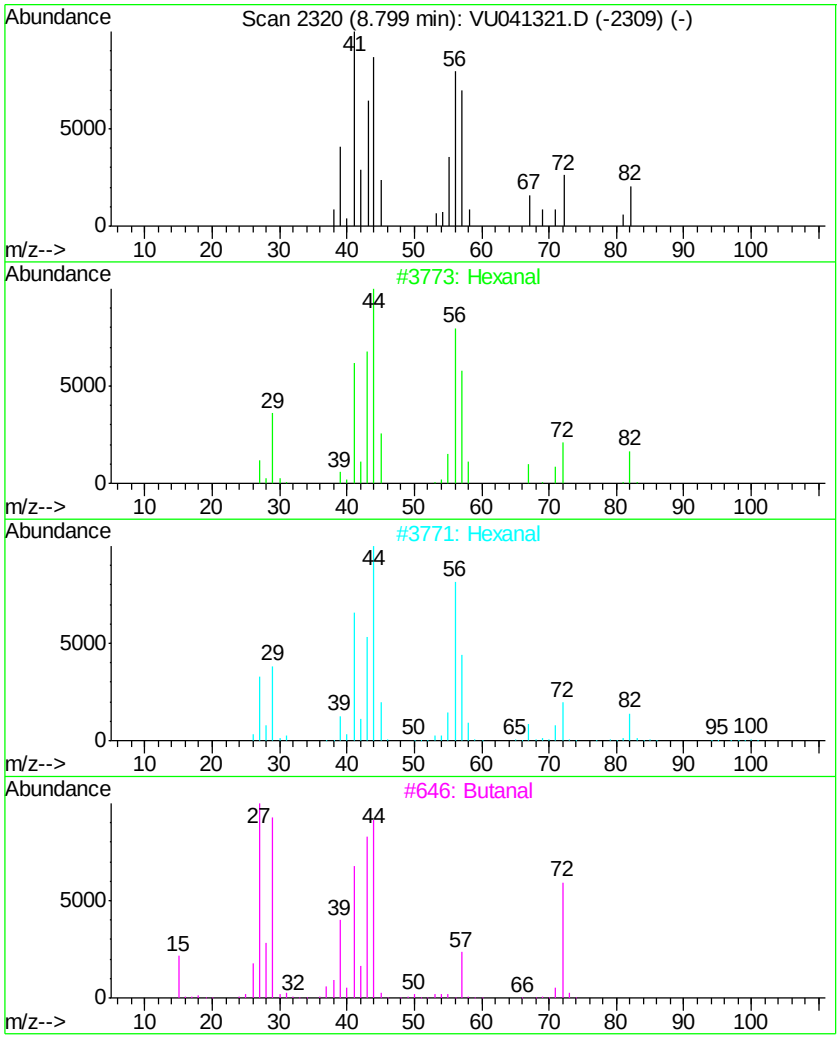
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

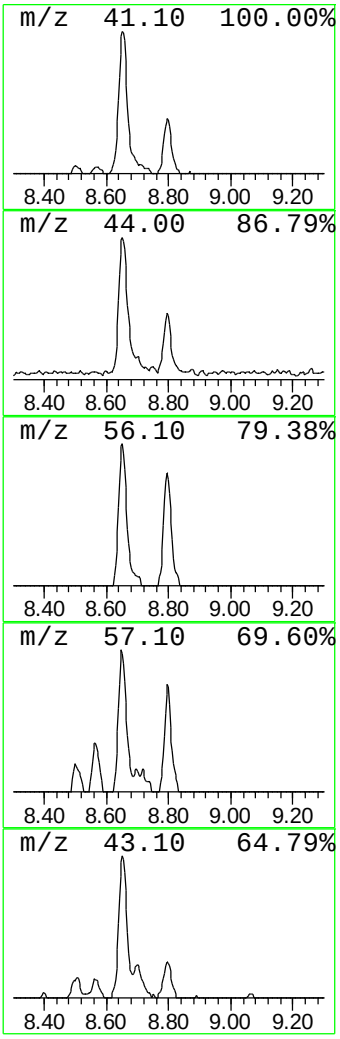
****

Peak Number 7 Hexanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	0.51 ug/L	20741	Chlorobenzene-d5	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	59
2	Hexanal	100	C6H12O	000066-25-1	45
3	Butanal	72	C4H8O	000123-72-8	43
4	Hexanal	100	C6H12O	000066-25-1	42
5	Hexanal	100	C6H12O	000066-25-1	42





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Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

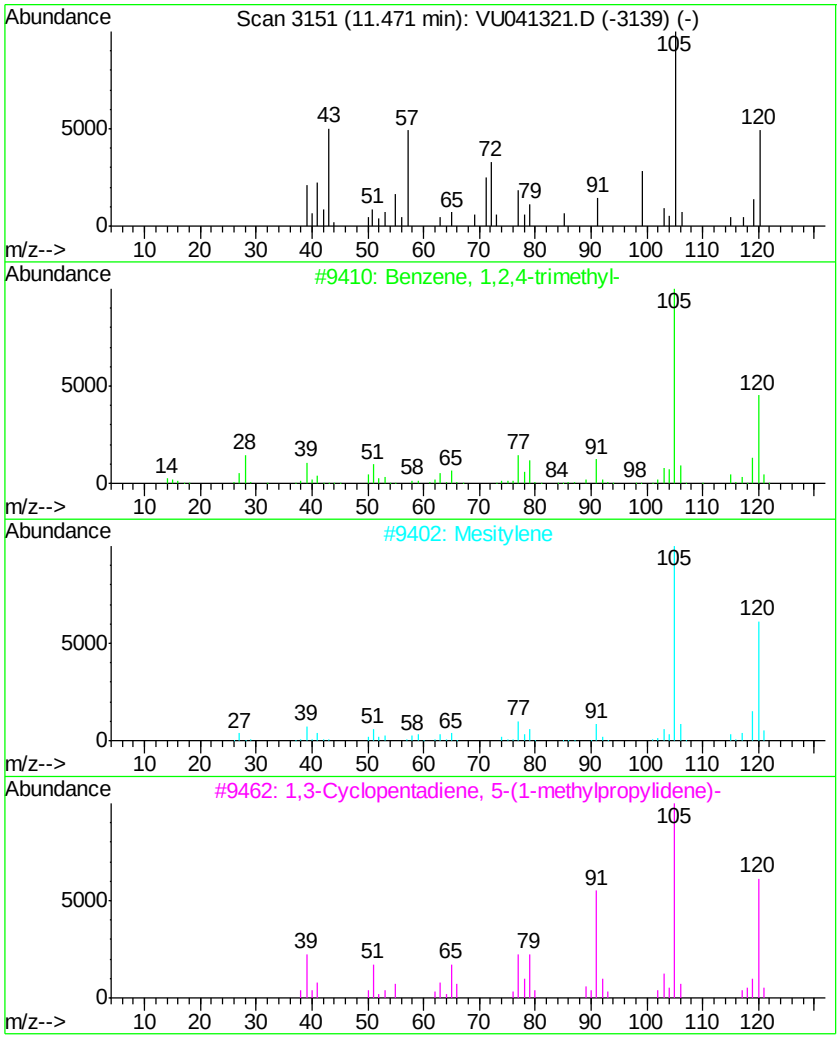
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

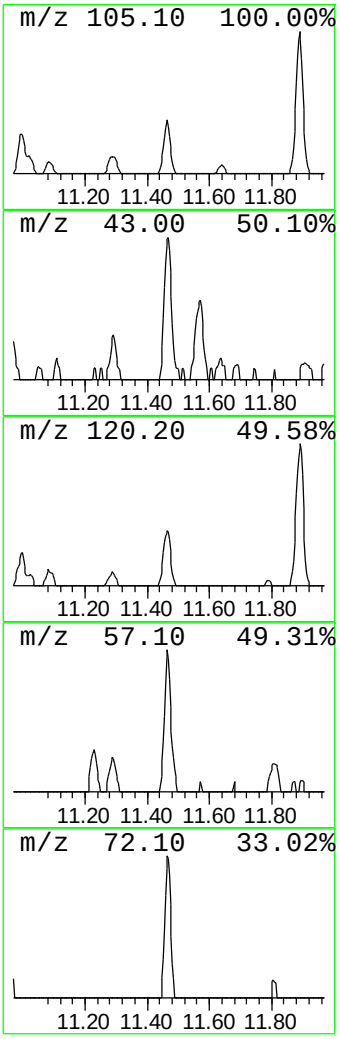
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	0.69 ug/L	25688	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	64
2	Mesitylene	120	C9H12	000108-67-8	60
3	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	58
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

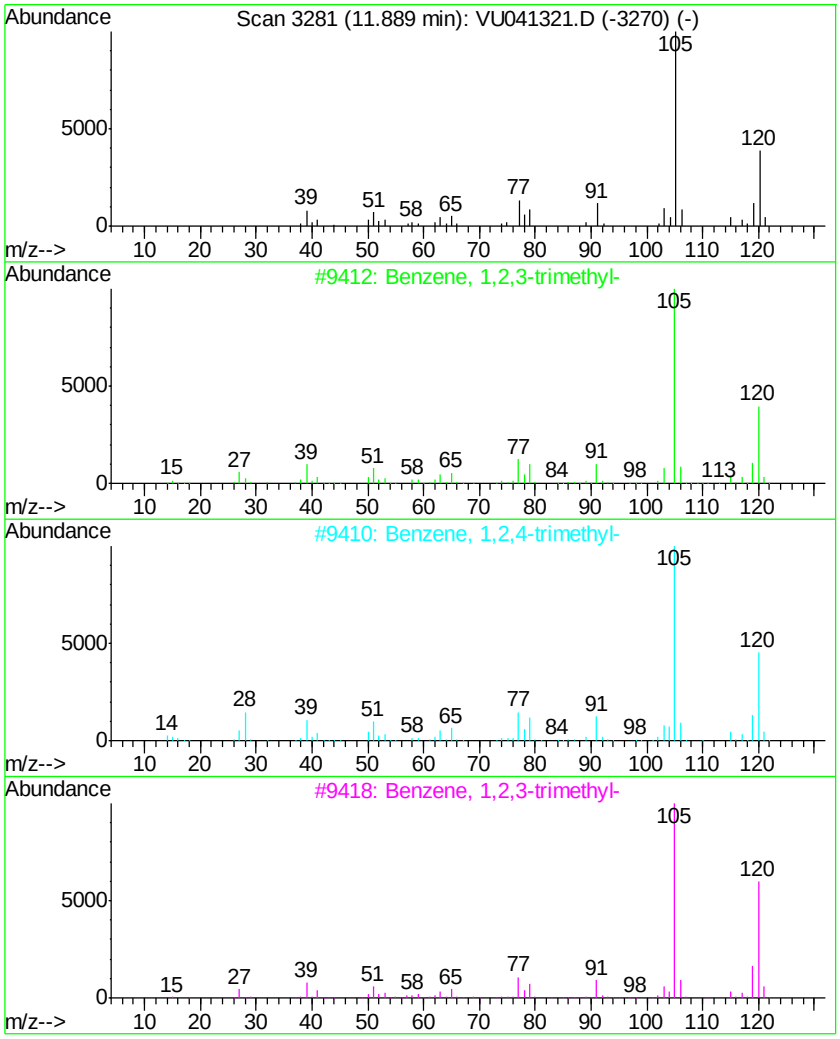
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

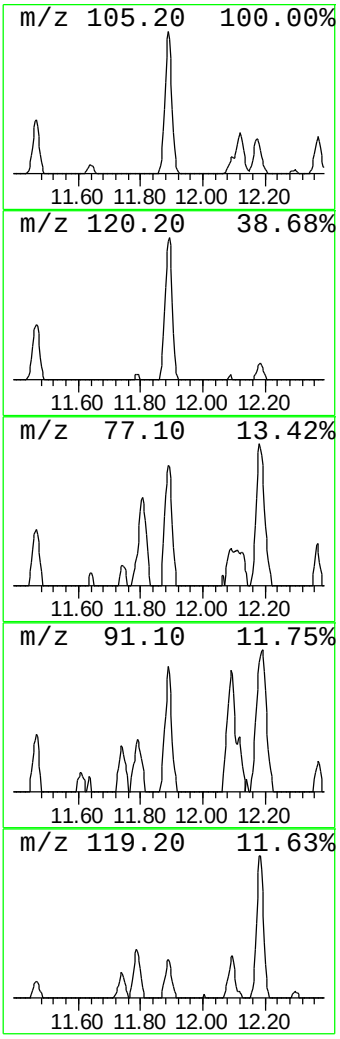
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	1.12 ug/L	41867	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	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

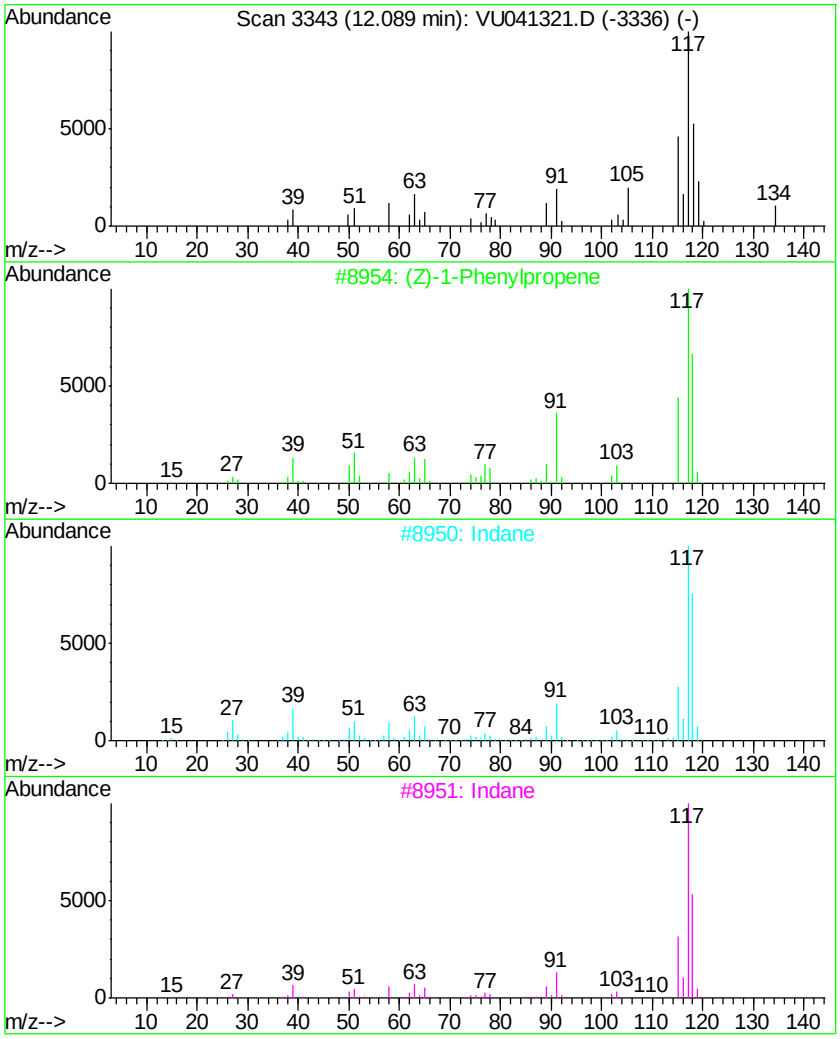
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

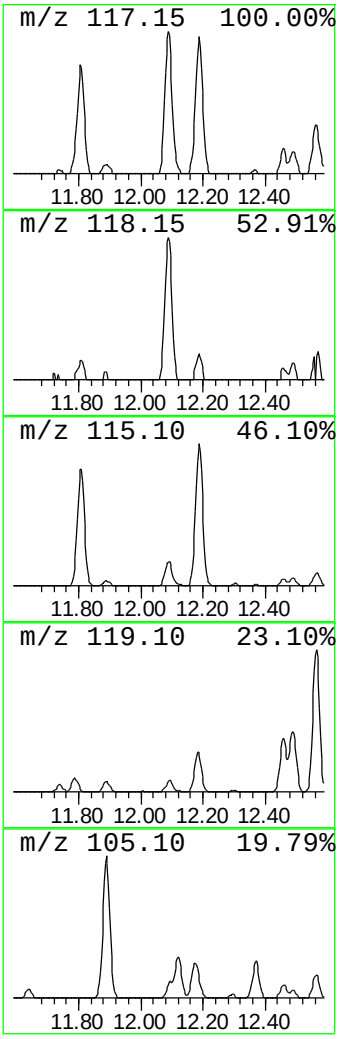
****

Peak Number 10 (Z)-1-Phenylpropene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	0.69 ug/L	25914	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	80
2	Indane	118	C9H10	000496-11-7	60
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

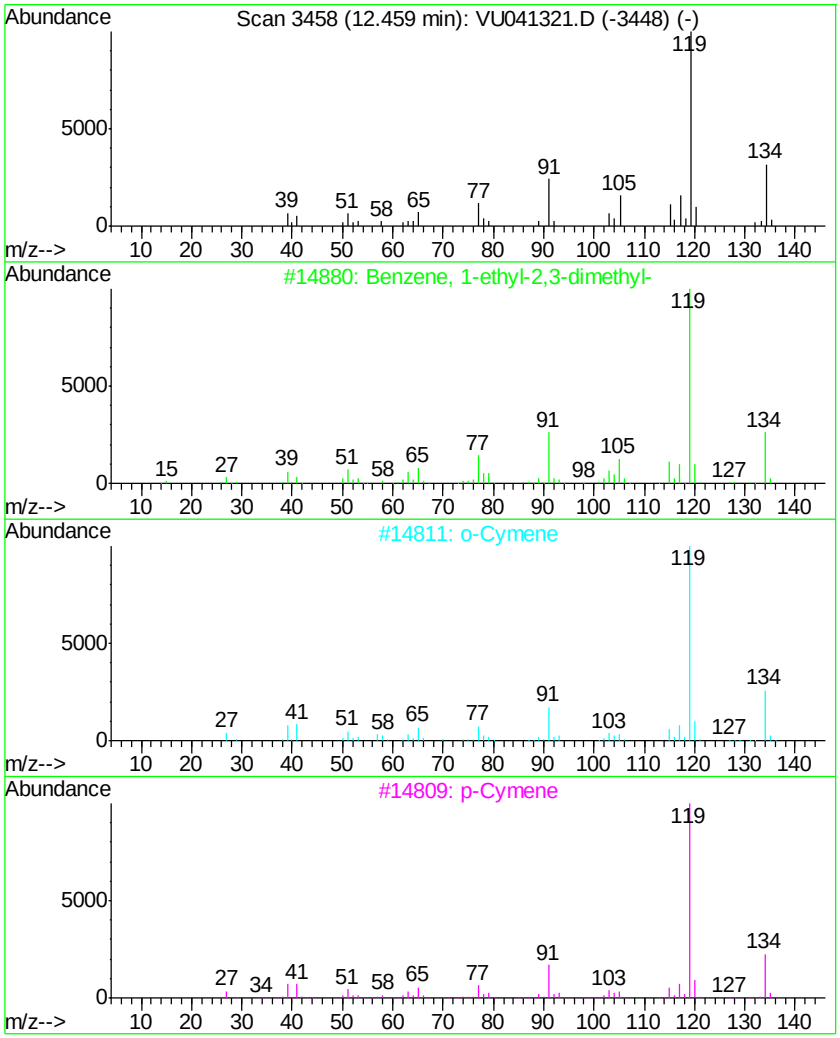
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

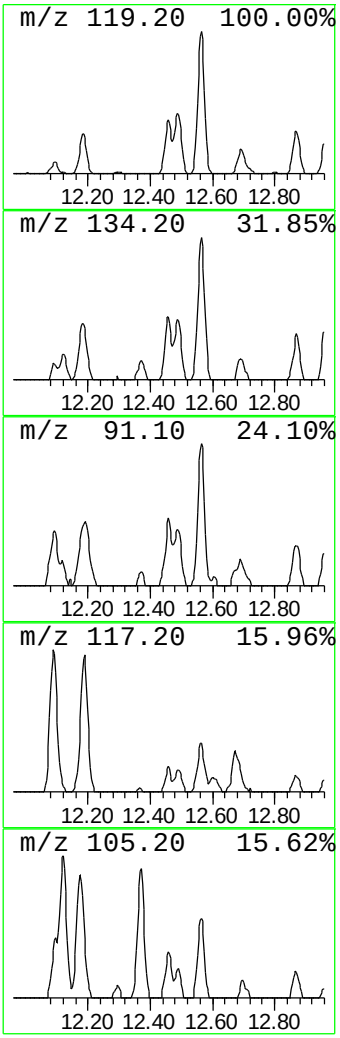
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.63 ug/L	23698	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	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

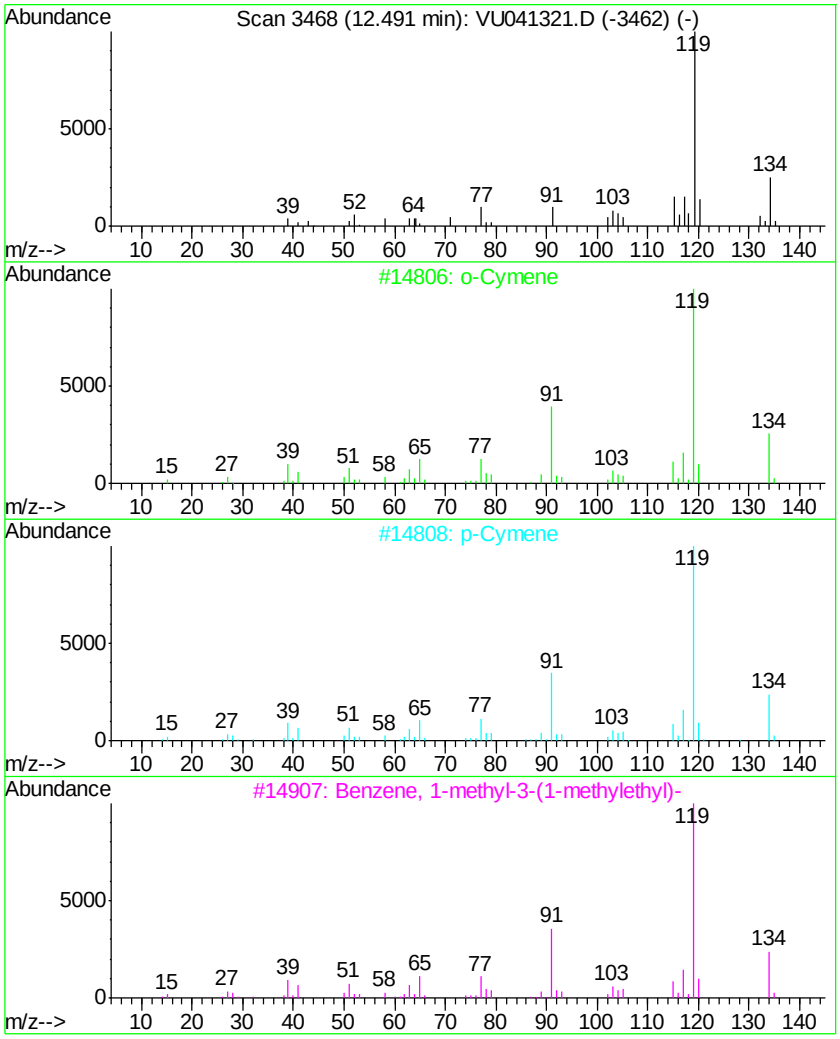
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

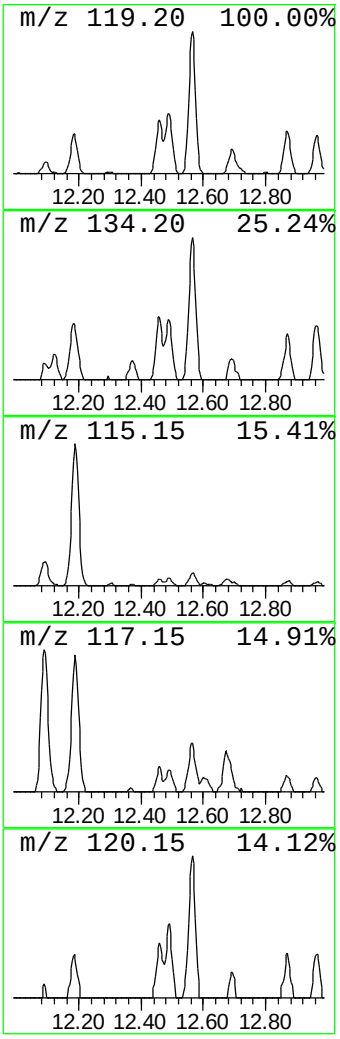
****

Peak Number 12 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	0.58 ug/L	21699	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	p-Cymene	134	C10H14	000099-87-6	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

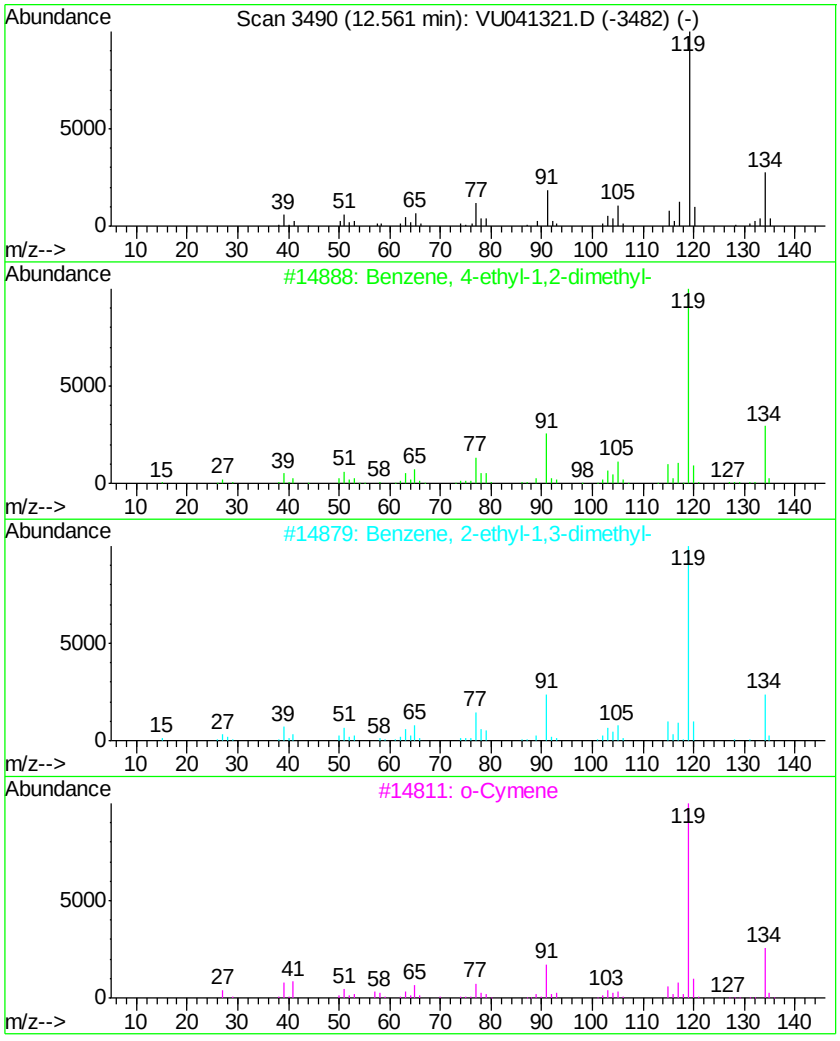
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

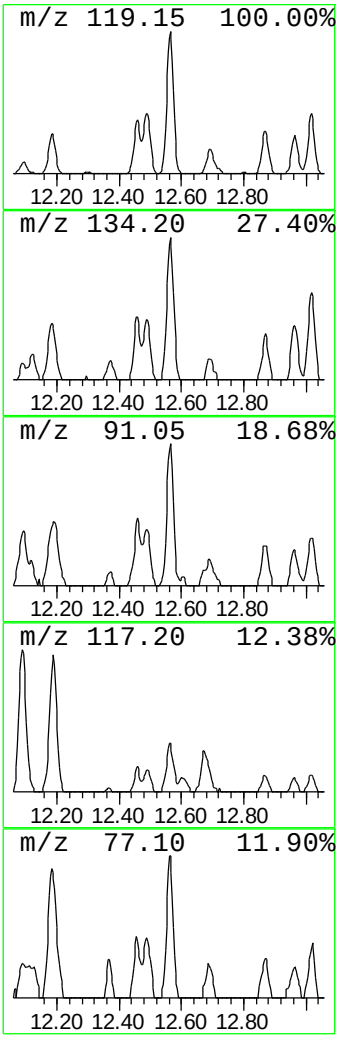
****

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	1.58 ug/L	59145	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	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

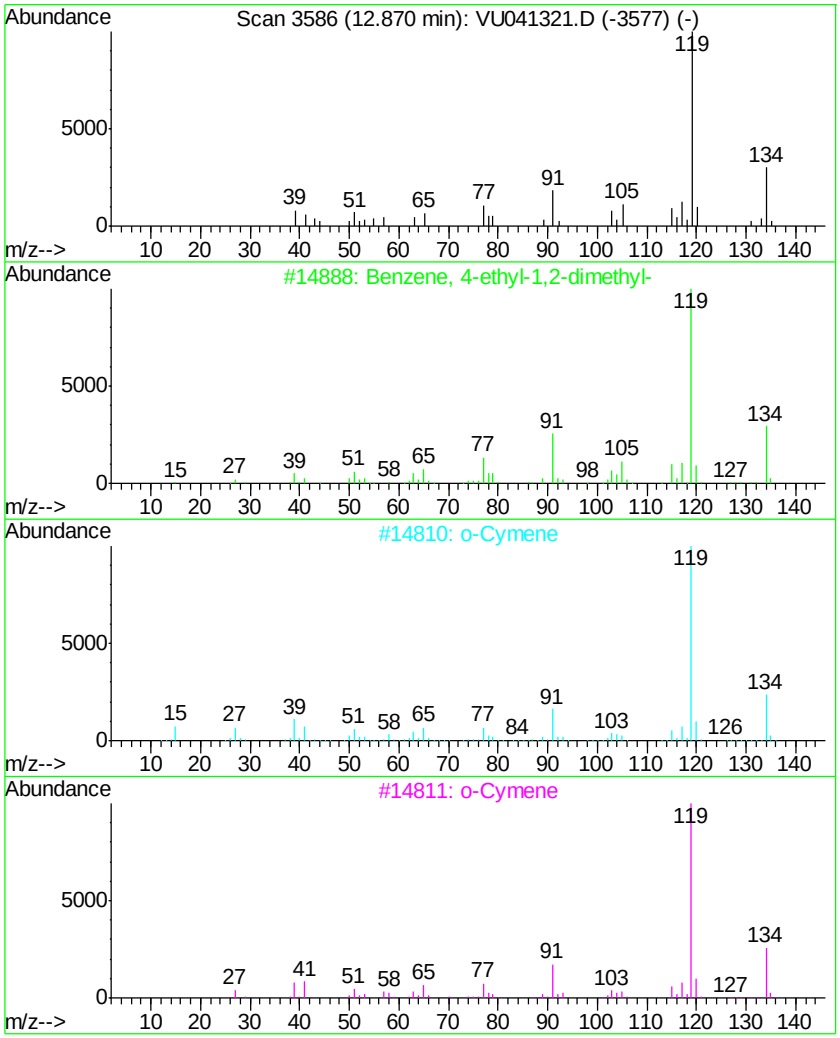
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

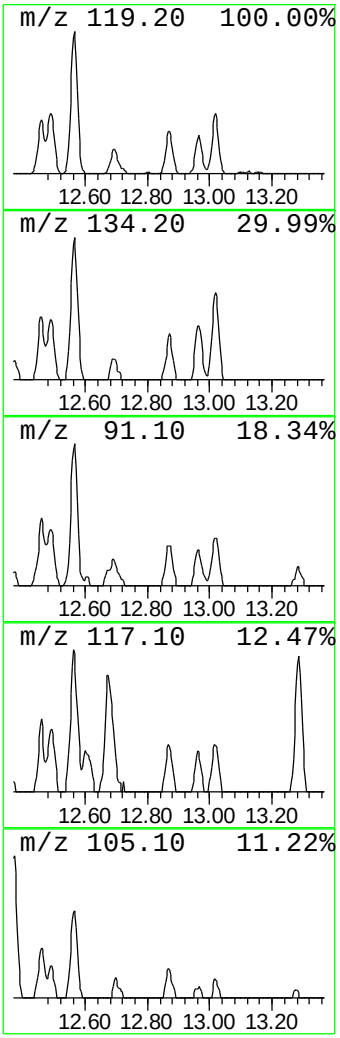
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	0.55 ug/L	20442	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	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	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 : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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

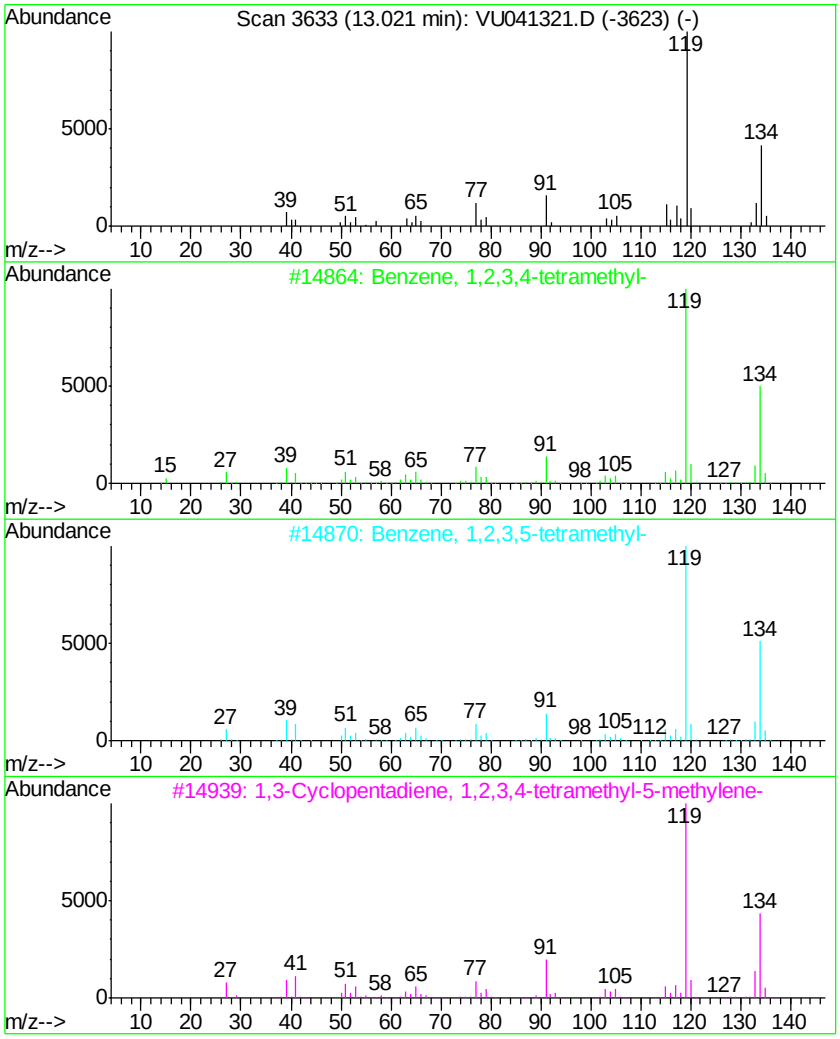
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

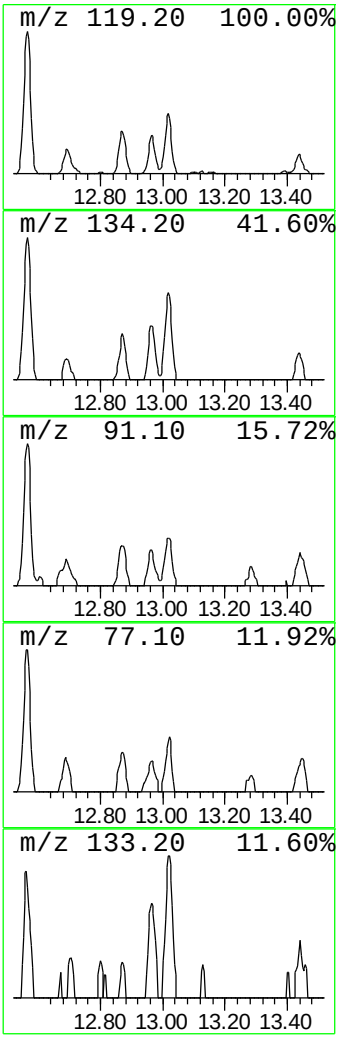
****

Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	0.67 ug/L	25062	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	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

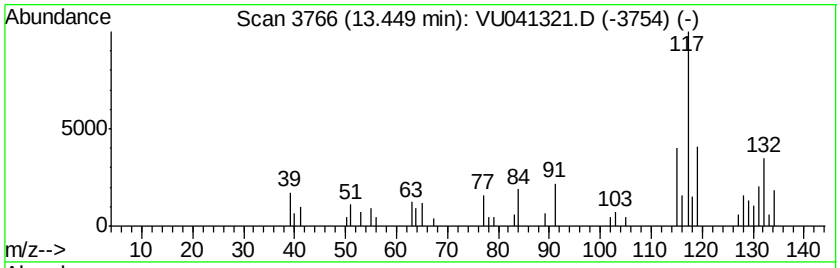
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0

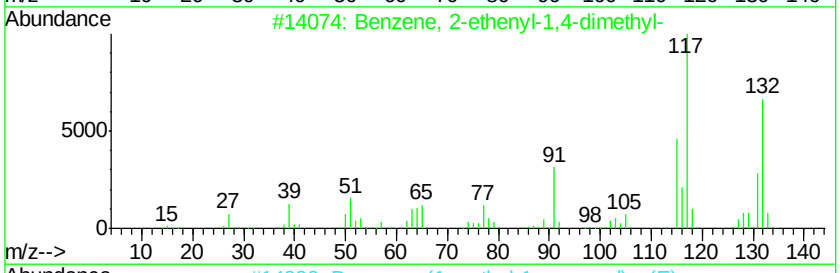
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

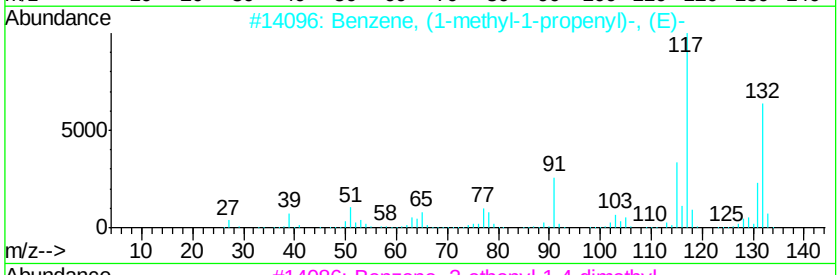
****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

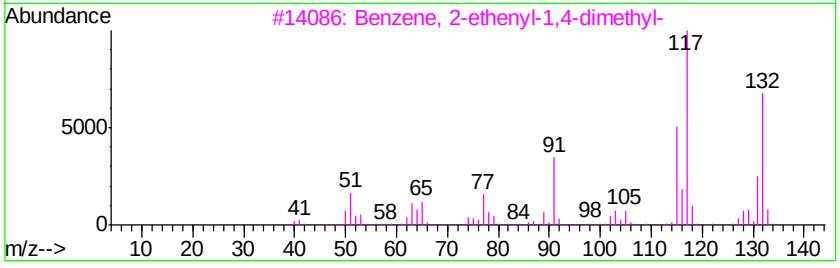
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	0.67 ug/L	24956	1,4-Dichlorobenzene-d4	11.81

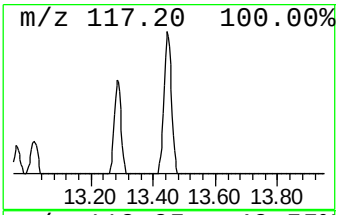
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	60

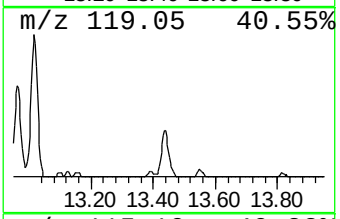


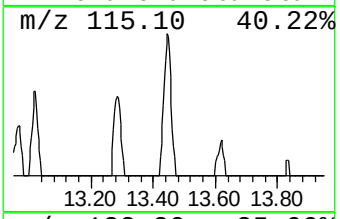


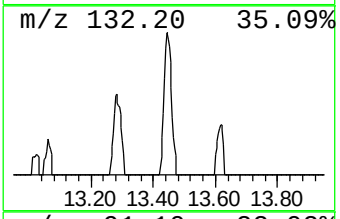


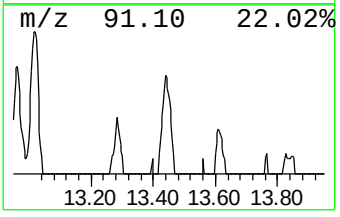












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Data File : VU041321.D
Acq On : 18 Nov 2020 19:02
Operator : SY/MD
Sample : L4790-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4390

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...	1.37	2.4	ug/L	77064	1	6.27	158004	5.0
Aminomethanesulfo...	1.74	2.4	ug/L	74804	1	6.27	158004	5.0
1,4-Pentadiene	2.42	0.6	ug/L	19675	1	6.27	158004	5.0
Ethanethiol	2.48	0.8	ug/L	25120	1	6.27	158004	5.0
Furan, 2,5-dimethyl-	6.65	1.0	ug/L	31326	1	6.27	158004	5.0
Hexanal	8.80	0.5	ug/L	20741	2	9.42	205189	5.0
Benzene, 1,2,4-tr...	11.47	0.7	ug/L	25688	3	11.81	187393	5.0
Benzene, 1,2,3-tr...	11.89	1.1	ug/L	41867	3	11.81	187393	5.0
(Z)-1-Phenylpropene	12.09	0.7	ug/L	25914	3	11.81	187393	5.0
Benzene, 1-ethyl-...	12.46	0.6	ug/L	23698	3	11.81	187393	5.0
o-Cymene	12.49	0.6	ug/L	21699	3	11.81	187393	5.0
Benzene, 4-ethyl-...	12.56	1.6	ug/L	59145	3	11.81	187393	5.0
Benzene, 1-ethyl-...	12.87	0.6	ug/L	20442	3	11.81	187393	5.0
Benzene, 1,2,3,4-...	13.02	0.7	ug/L	25062	3	11.81	187393	5.0
Benzene, 2-etheny...	13.45	0.7	ug/L	24956	3	11.81	187393	5.0