LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

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\SOMUTR053120WMA.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	1.485	36	45	76	rBV	550396	2203921	100.00%	5.028%
2	1.613	81	85	91	rVB2	102950	127508	5.79%	0.291%
3	1.932	178	184	201	rVB	97929	145674	6.61%	0.332%
4	2.012	203	209	219	rVB	101423	141022	6.40%	0.322%
5	2.591	377	389	408	rBV	159120	287558	13.05%	0.656%
6	3.073	526	539	546	rBV2	55730	119900	5.44%	0.274%
7	3.395	623	639	657	rBV	89624	201731	9.15%	0.460%
8	4.572	989	1005	1021	rVV2	72638	174443	7.92%	0.398%
9	4.674	1021	1037	1074	rBV2	205142	588699	26.71%	1.343%
10	5.102	1153	1170	1184	rBV2	184698	403475	18.31%	0.920%
11	5.420	1249	1269	1281	rBV5	134777	341177	15.48%	0.778%
12	5.498	1281	1293	1312	rVB	129753	287465	13.04%	0.656%
13	5.671	1339	1347	1357	rVV2	97468	218207	9.90%	0.498%
14	5.758	1357	1374	1396	rVV3	361700	956939	43.42%	2.183%
15	5.883	1399	1413	1424	rVV	161081	334055	15.16%	0.762%
16	5.954	1424	1435	1444	rVV2	110915	231313	10.50%	0.528%
17	6.022	1444	1456	1475	rVB2	247090	528118	23.96%	1.205%
18	6.163	1488	1500	1516	rBV2	82214	157750	7.16%	0.360%
19	6.279	1522	1536	1571	rVB	352553	688851	31.26%	1.572%
20	6.719	1659	1673	1680	rBV	236498	460361	20.89%	1.050%
21	6.790	1681	1695	1718	rVV	713845	1837541	83.38%	4.192%
22	7.099	1775	1791	1816	rBV	234914	486811	22.09%	1.111%
23	7.260	1828	1841	1875	rVB	225516	459866	20.87%	1.049%
24	7.520	1908	1922	1930	rVV4	67302	149337	6.78%	0.341%
25	7.594	1930	1945	1964	rVV3	123789	357894	16.24%	0.816%
26	7.790	1993	2006	2019	rVB4	45641	112640	5.11%	0.257%
27	7.880	2019	2034	2039	rBV2	457965	843842	38.29%	1.925%
28	7.919	2040	2046	2075	rVV2	626047	1181258	53.60%	2.695%
29	8.060	2076	2090	2101	rVV2	150588	351914	15.97%	0.803%
30	8.118	2101	2108	2111	rVV4	95134	140939	6.39%	0.322%
31	8.150	2112	2118	2126	rVV	168280	273687	12.42%	0.624%
32	8.202	2126	2134	2142	rVV	96069	155062	7.04%	0.354%
33	8.266	2142	2154	2175	rVB3	419576	817833	37.11%	1.866%
34	8.391	2179	2193	2203	rBV	198381	366788	16.64%	0.837%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

35	8.655	2260	2275	2303	rBV	855774	1640783	74.45%	3.743%
36	8.829	2318	2329	2337	rBV5	116484	226424	10.27%	0.517%
37	8.883	2338	2346	2355	rVB	307923	476530	21.62%	1.087%
38	8.944	2355	2365	2374	rBV	313558	534584	24.26%	1.220%
39	9.086	2399	2409	2418	rBV3	62360	110730	5.02%	0.253%
40	9.182	2430	2439	2447	rVV4	148592	256755	11.65%	0.586%
41	9.227	2447	2453	2470	rVB3	99818	176145	7.99%	0.402%
42	9.350	2470	2491	2506	rBV	86573	193872	8.80%	0.442%
43	9.436	2506	2518	2530	rBV	501077	856476	38.86%	1.954%
44	9.526	2539	2546	2554	rVB	84583	121915	5.53%	0.278%
45	9.581	2555	2563	2576	rVB4	100946	193462	8.78%	0.441%
46	9.710	2589	2603	2615	rBV3	330431	893072	40.52%	2.037%
47	9.906	2650	2664	2676	rBV	98558	186932	8.48%	0.426%
48	10.050	2692	2709	2716	rBV3	194484	459653	20.86%	1.049%
49	10.256	2758	2773	2776	rBV6	104544	184469	8.37%	0.421%
50	10.288	2776	2783	2798	rVV	238899	445949	20.23%	1.017%
51	10.372	2799	2809	2829	rVV8	217528	545347	24.74%	1.244%
52	10.552	2856	2865	2879	rBV9	45466	120228	5.46%	0.274%
53	10.713	2906	2915	2923	rBV3	103527	172770	7.84%	0.394%
54	10.771	2924	2933	2942	rVV	240173	418637	19.00%	0.955%
55	10.825	2942	2950	2969	rVV6	118354	234095	10.62%	0.534%
56	10.919	2970	2979	2986	rVV	71477	119224	5.41%	0.272%
57	11.012	2998	3008	3023	rVV	328321	851585	38.64%	1.943%
58	11.102	3025	3036	3056	rVV	747603	1348722	61.20%	3.077%
59	11.304	3088	3099	3119	rVB2	169206	366330	16.62%	0.836%
60	11.478	3143	3153	3180	rVB	996879	1591035	72.19%	3.630%
61	11.620	3180	3197	3202	rBV5	77326	145109	6.58%	0.331%
62	11.655	3203	3208	3220	rVB	91789	143610	6.52%	0.328%
63	11.755	3232	3239	3247	rVV2	164618	247644	11.24%	0.565%
64	11.822	3247	3260	3273	rVB2	608939	1065121	48.33%	2.430%
65	11.906	3273	3286	3297	rBV	341789	540087	24.51%	1.232%
66	12.111	3336	3350	3351	rVV	129848	170399	7.73%	0.389%
67	12.134	3352	3357	3366	rVV	294844	438357	19.89%	1.000%
68	12.201	3366	3378	3397	rVB3	1118583	1982230	89.94%	4.522%
69	12.311	3403	3412	3426	rBV4	63506	135466	6.15%	0.309%
70	12.385	3426	3435	3449	rVB	198030	324084	14.70%	0.739%
71	12.475	3451	3463	3468	rBV	178787	288578	13.09%	0.658%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

72	12.507	3468	3473	3482	rVB	203110	293635	13.32%	0.670%
73	12.584	3487	3497	3505	rVV	386474	580503	26.34%	1.324%
74	12.722	3523	3540	3553	rBV6	213726	652803	29.62%	1.489%
75	12.828	3561	3573	3583	rBV3	168139	322890	14.65%	0.737%
76	12.890	3583	3592	3603	rVB4	170492	325804	14.78%	0.743%
77	12.992	3616	3624	3632	rVB	321382	486085	22.06%	1.109%
78	13.044	3632	3640	3657	rVB2	550797	935386	42.44%	2.134%
79	13.131	3657	3667	3673	rBV4	150353	260995	11.84%	0.595%
80	13.275	3705	3712	3717	rBV3	74351	110295	5.00%	0.252%
81	13.427	3750	3759	3764	rBV4	143359	226427	10.27%	0.517%
82	13.472	3764	3773	3787	rVB2	522819	942780	42.78%	2.151%
83	13.584	3801	3808	3815	rBV	114990	153094	6.95%	0.349%
84	13.648	3820	3828	3852	rVB4	185432	478812	21.73%	1.092%
85	13.761	3853	3863	3871	rBV3	84811	158520	7.19%	0.362%
86	13.864	3885	3895	3910	rBV5	264496	632305	28.69%	1.443%
87	14.089	3958	3965	3975	rVV4	109502	180420	8.19%	0.412%
88	14.147	3976	3983	3994	rVB	116345	183236	8.31%	0.418%
89	14.217	3994	4005	4021	rVB4	132283	266315	12.08%	0.608%
90	14.320	4021	4037	4050	rBV4	140488	345996	15.70%	0.789%
91	14.716	4146	4160	4172	rVB6	170347	431850	19.59%	0.985%
92	14.848	4193	4201	4214	rVB4	79298	131032	5.95%	0.299%
93	14.918	4215	4223	4233	rVB3	68774	117209	5.32%	0.267%
94	14.980	4233	4242	4253	rVB2	69030	114165	5.18%	0.260%
95	15.057	4255	4266	4289	rBV5	197199	401747	18.23%	0.917%
96	15.314	4338	4346	4359	rVB5	86187	162111	7.36%	0.370%
97	15.452	4379	4389	4401	rBV3	102679	203910	9.25%	0.465%
98	15.976	4545	4552	4568	rVB4	50768	116818	5.30%	0.267%
99	16.317	4644	4658	4668	rBV3	65161	133094	6.04%	0.304%
100	16.465	4695	4704	4711	rBV2	89224	145692	6.61%	0.332%

Sum of corrected areas: 43833917

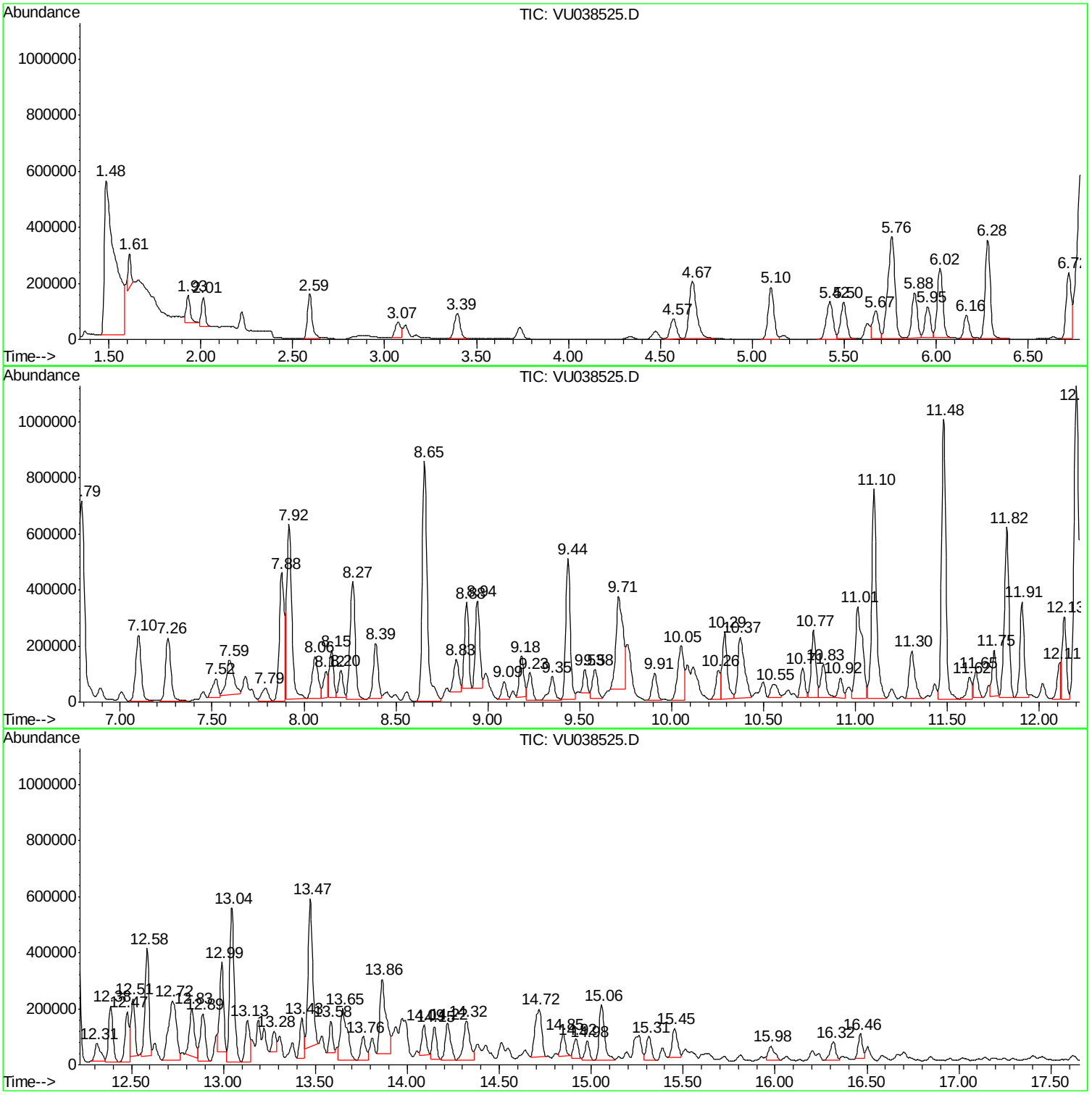
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

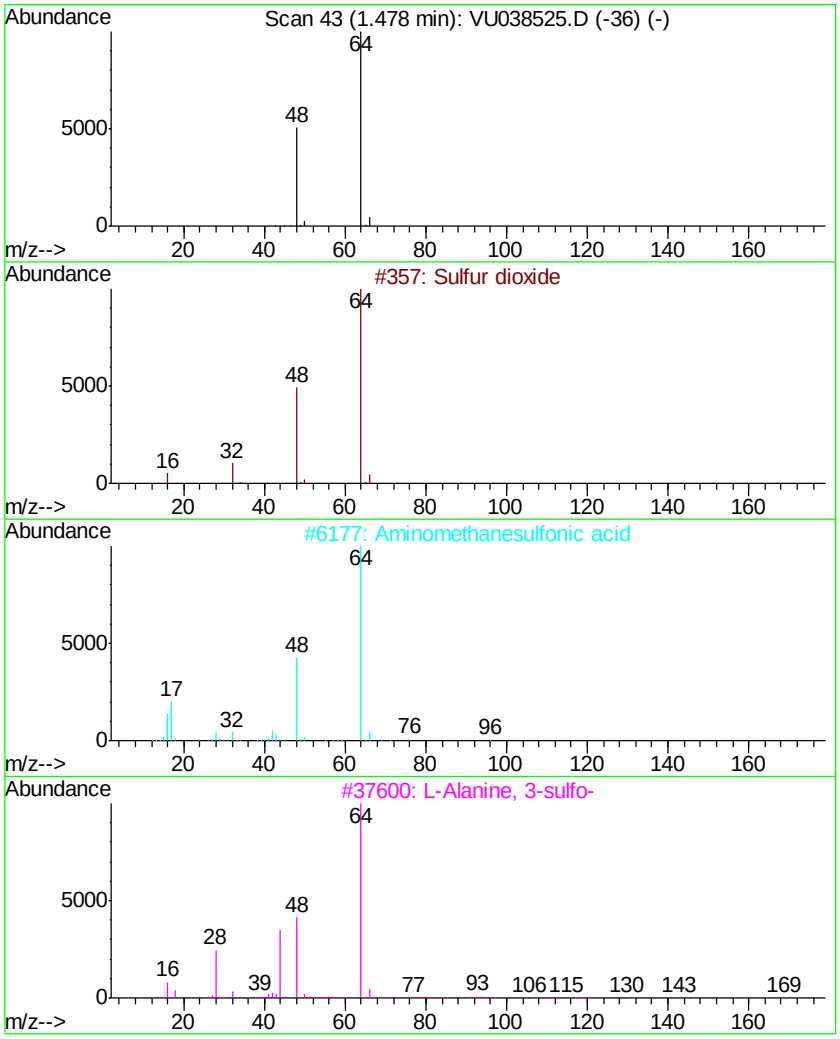
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

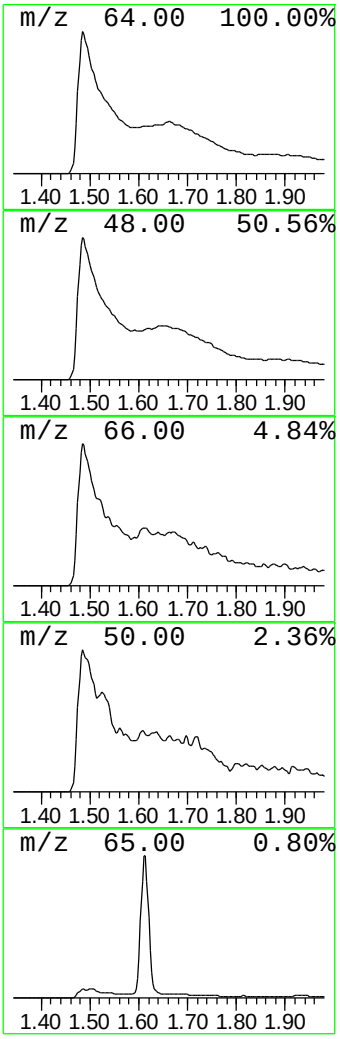
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	16.00 ug/L	2203920	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

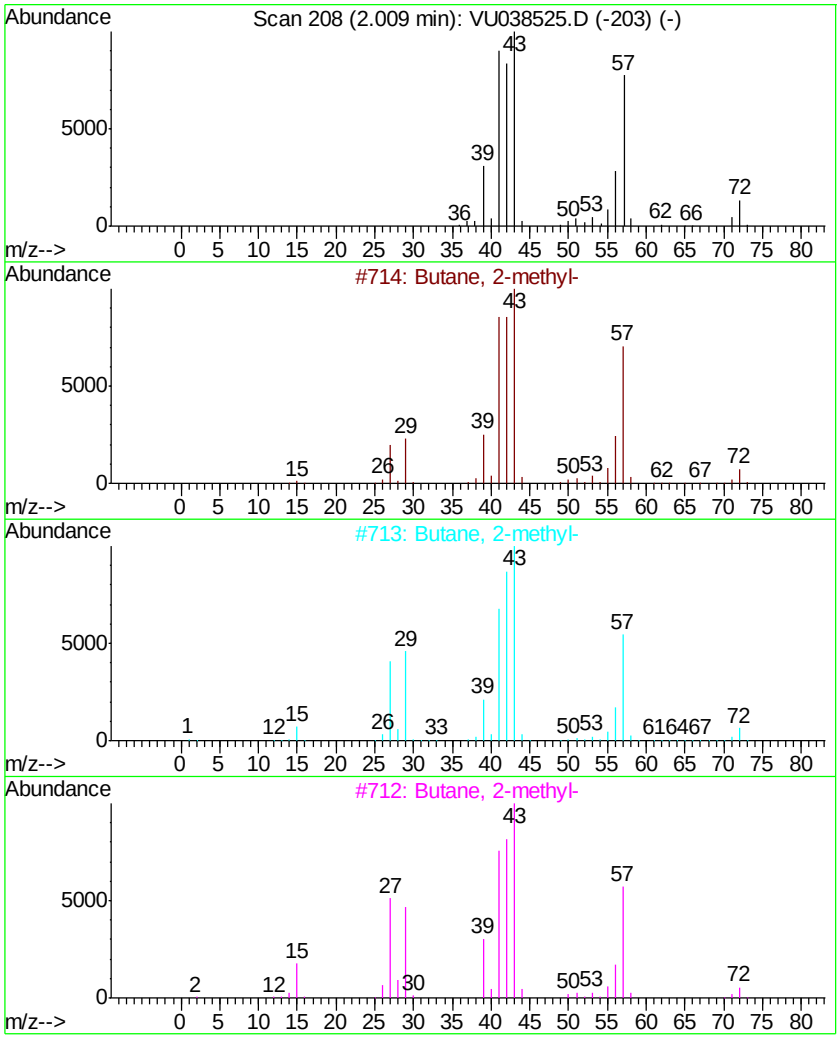
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

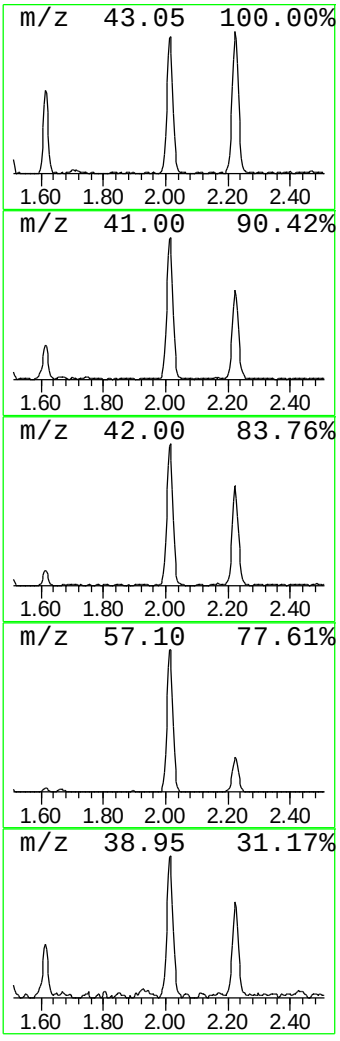
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	1.02 ug/L	141022	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Butane, 2-methyl-	72	C5H12	000078-78-4	83
4	3-Buten-1-ol	72	C4H8O	000627-27-0	43
5	Pentane	72	C5H12	000109-66-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

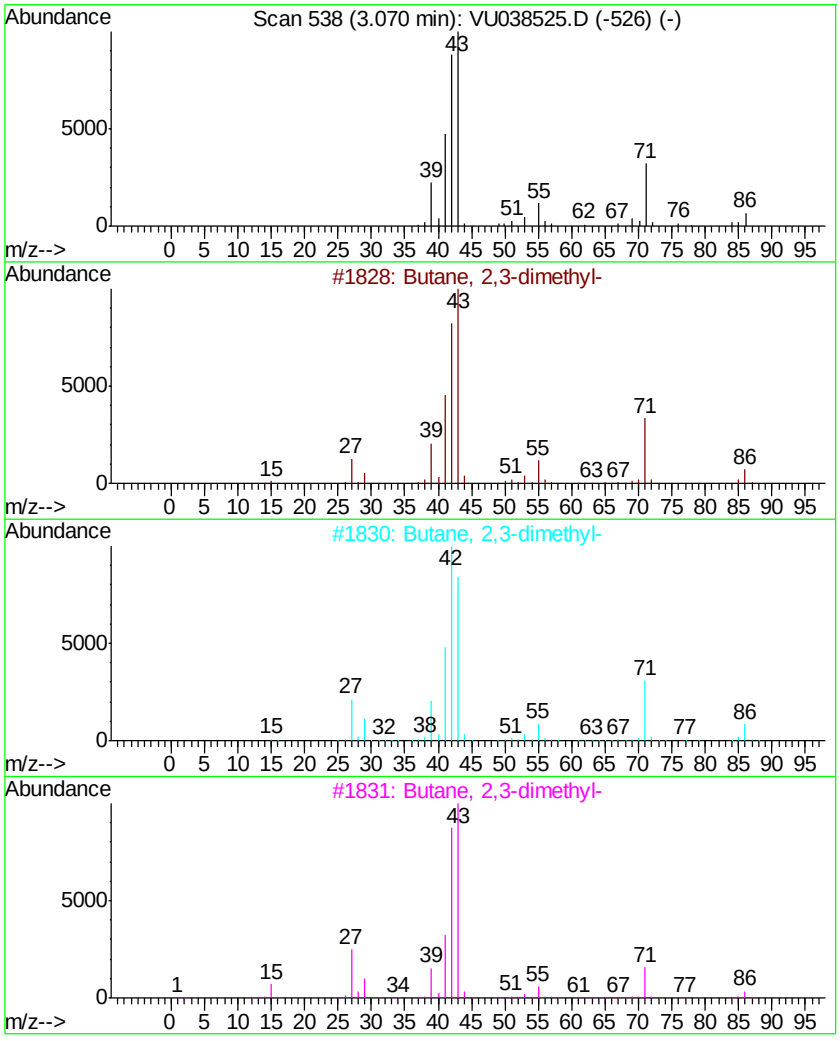
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

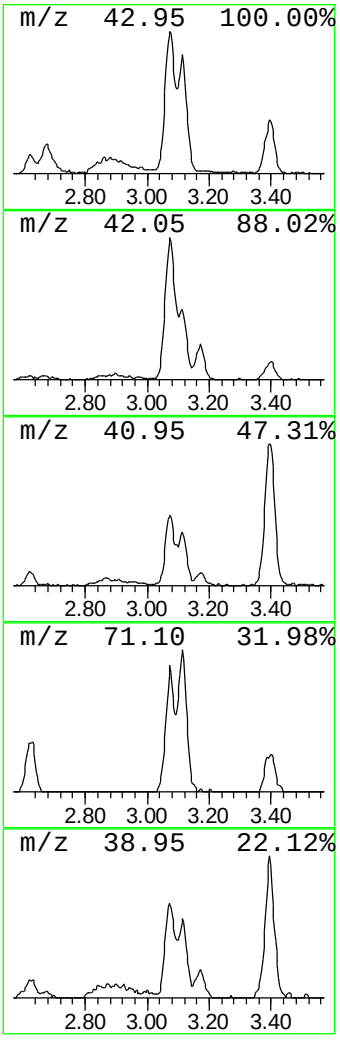
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	0.87 ug/L	119900	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
5	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

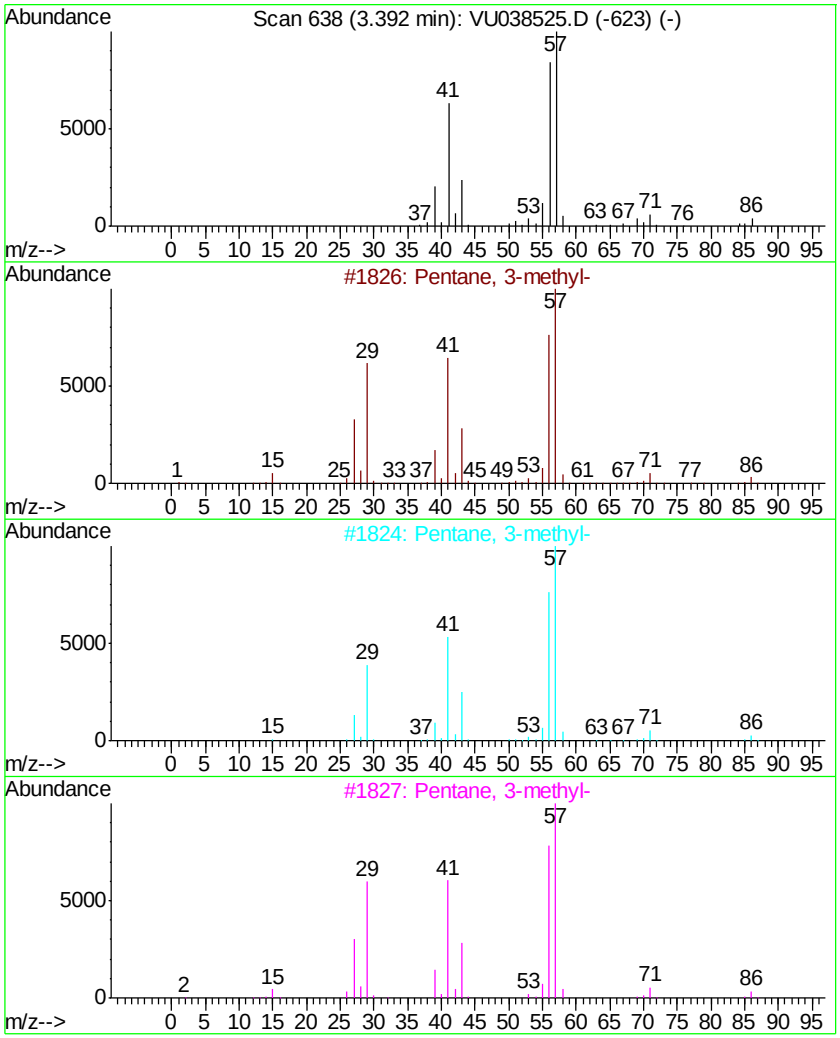
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

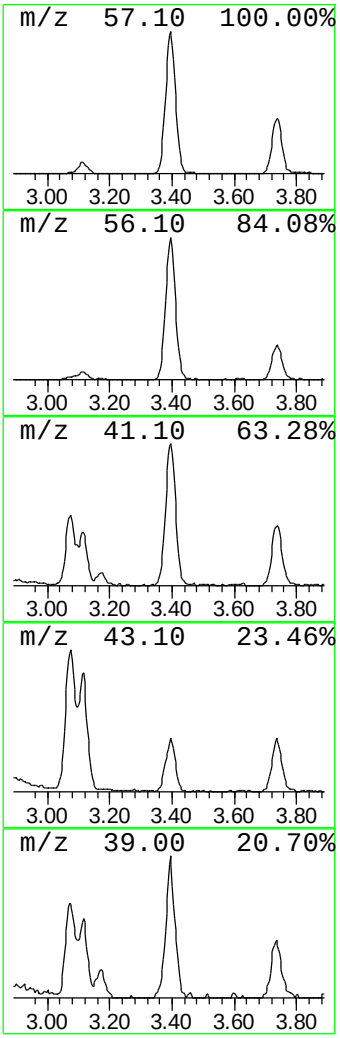
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.46 ug/L	201731	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

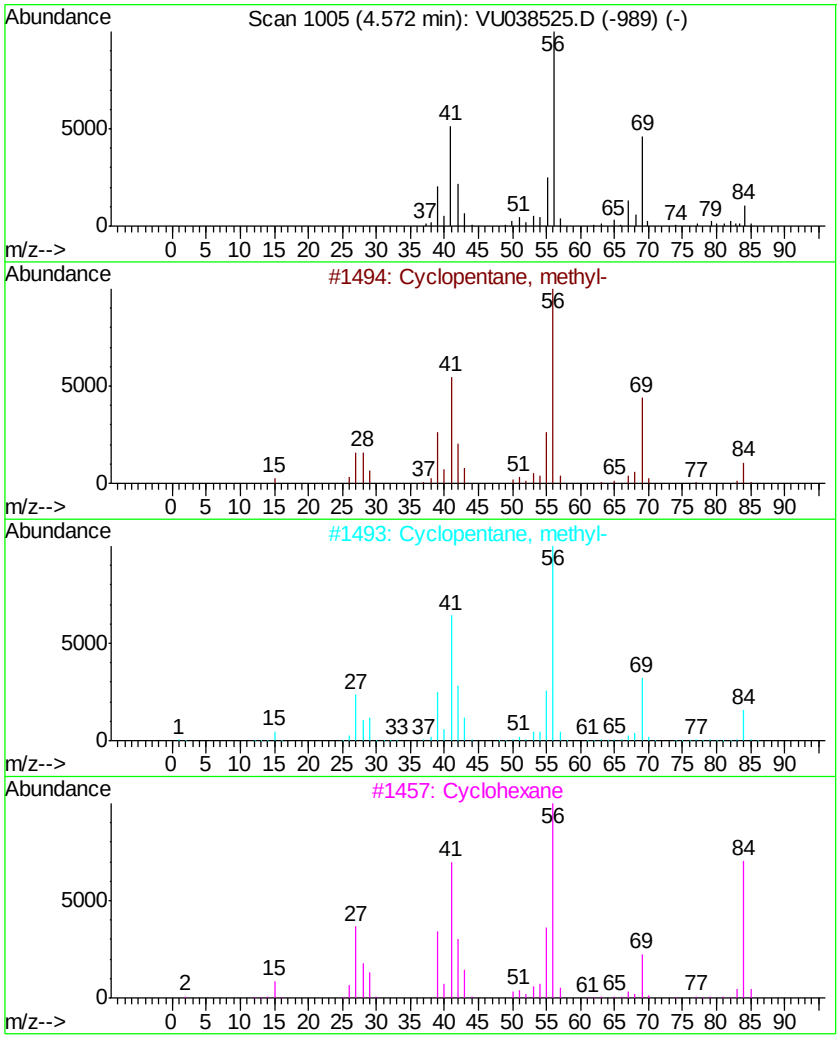
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

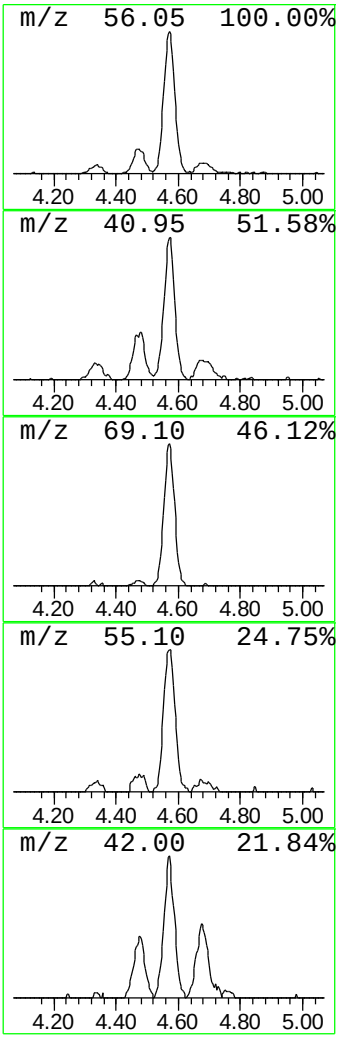
****

Peak Number 5 (DEL) Alkane: Cyclic4.57 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.27 ug/L	174443	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	Cyclohexane	84	C6H12	000110-82-7	80
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

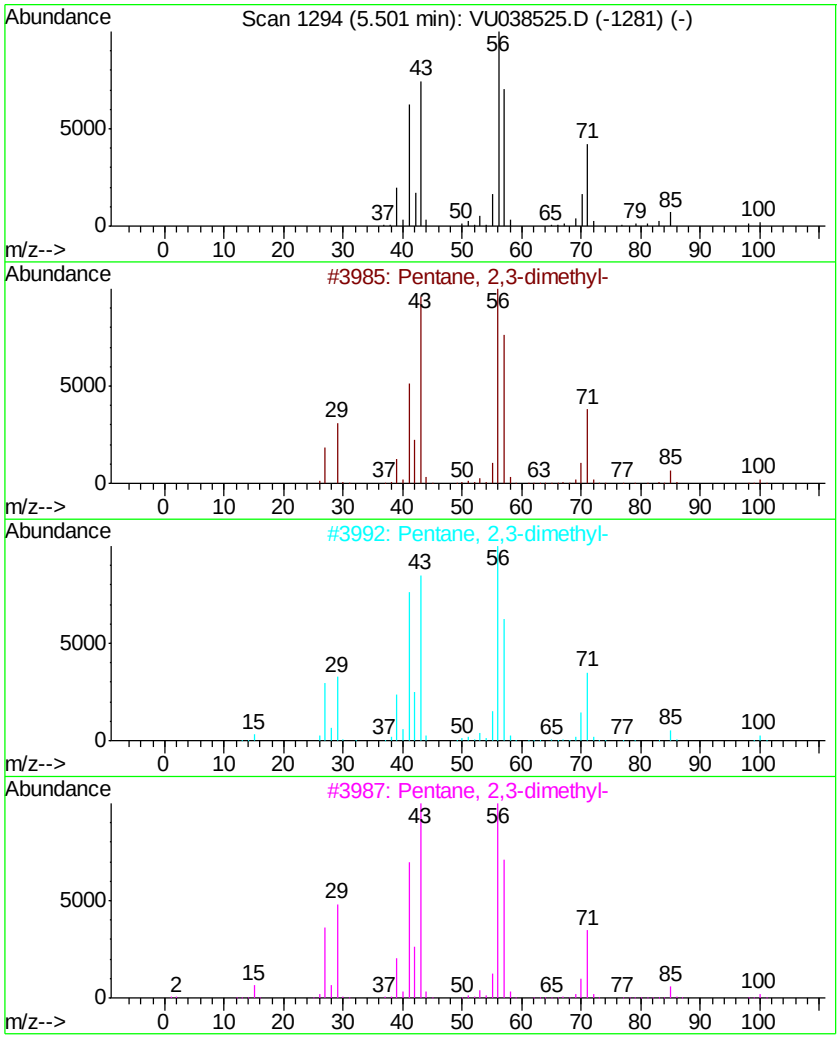
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

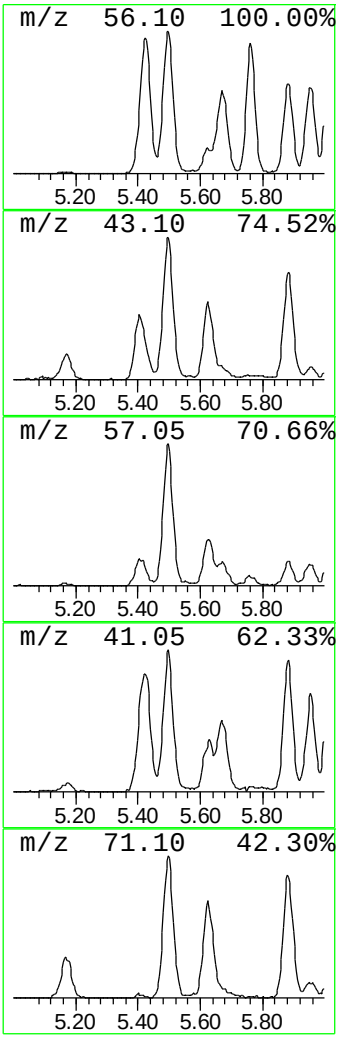
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	2.09 ug/L	287465	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	81
5	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

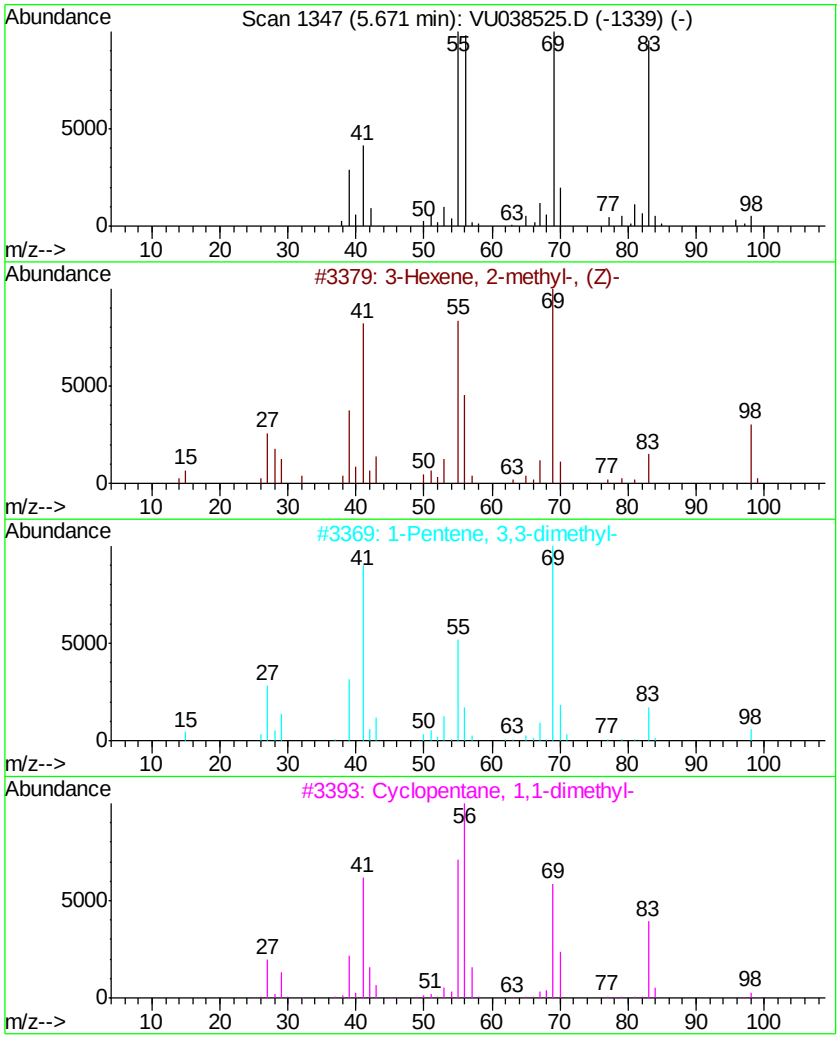
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

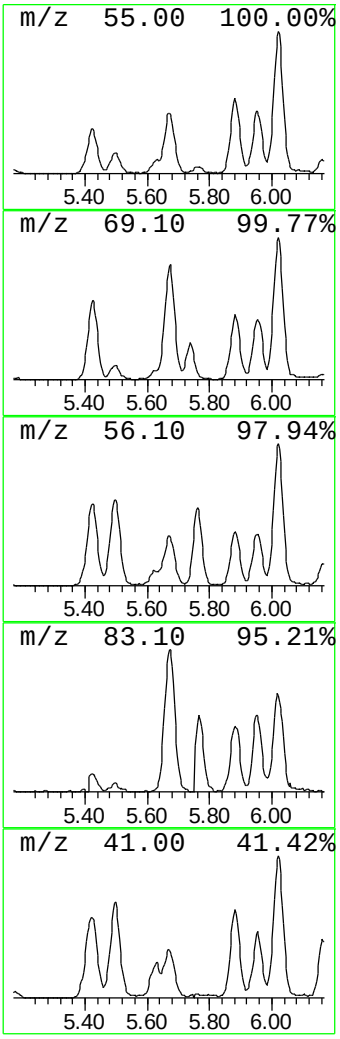
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	1.58 ug/L	218207	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	43
2	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	35
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	35





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

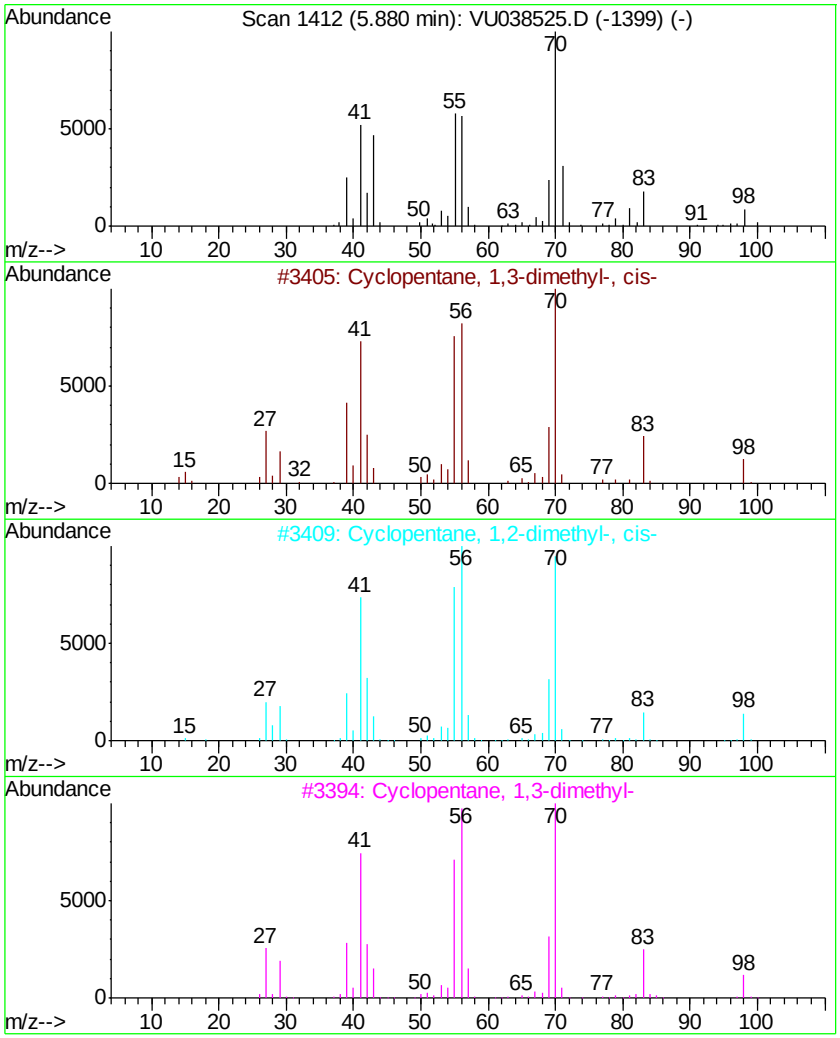
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

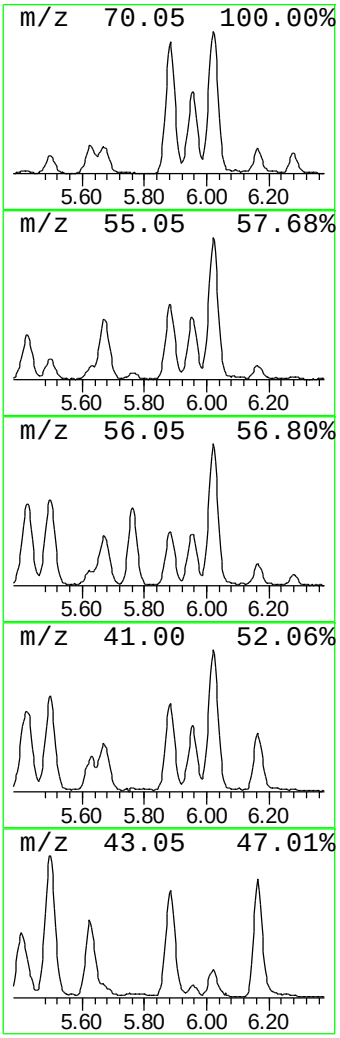
****

Peak Number 8 (DEL) Alkane: Cyclic5.88 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	2.42 ug/L	334055	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

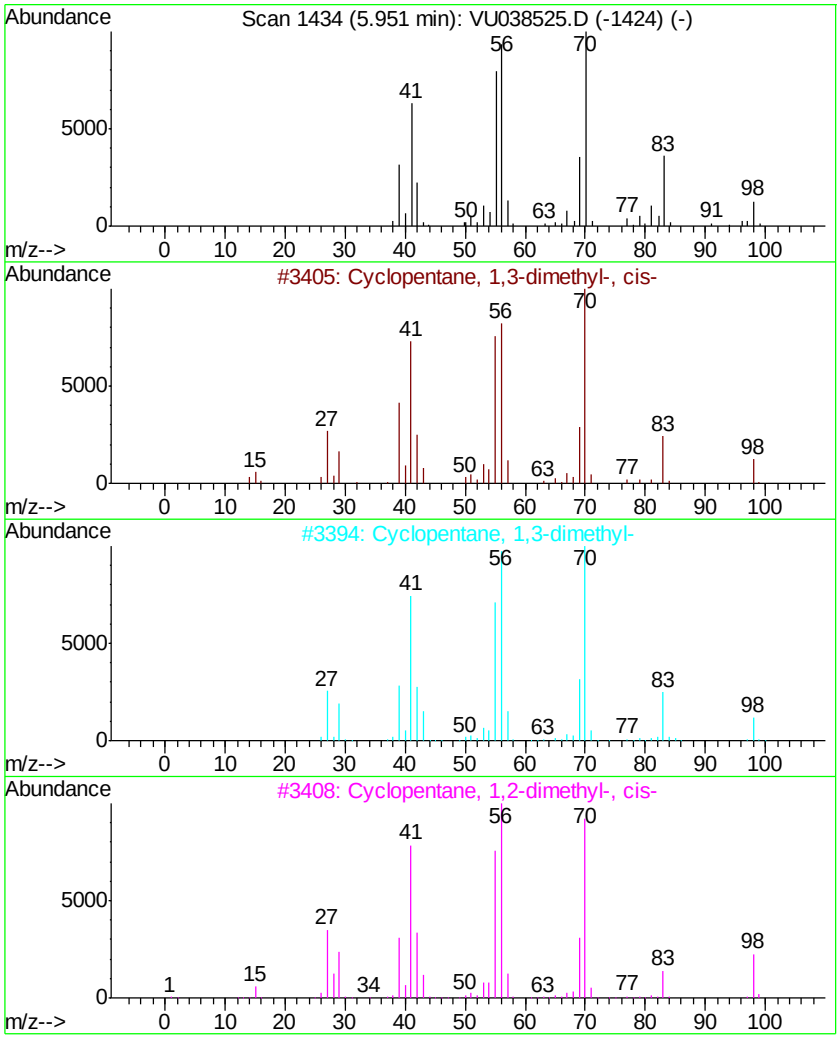
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

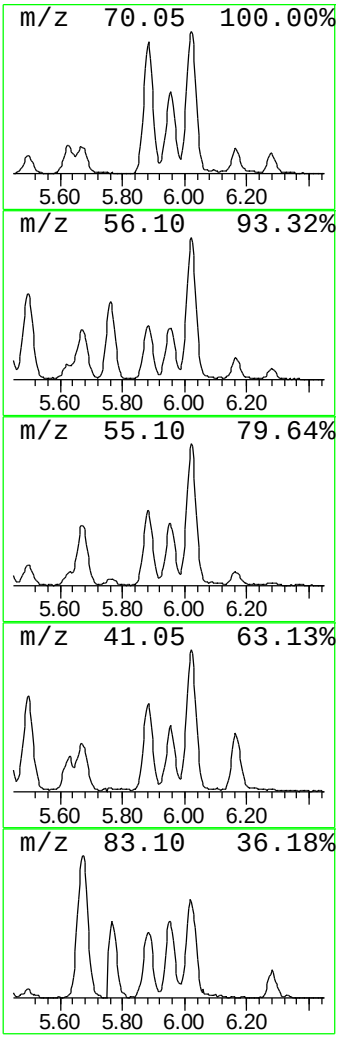
****

Peak Number 9 (DEL) Alkane: Cyclic5.95 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.68 ug/L	231313	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

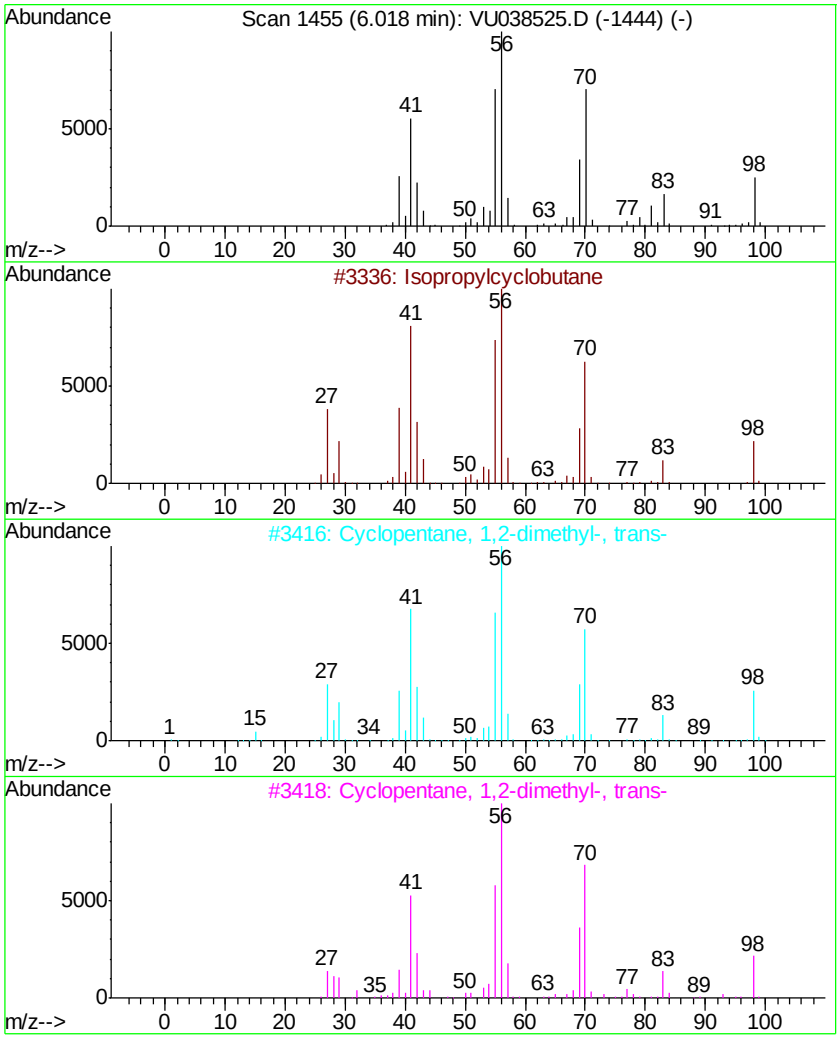
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

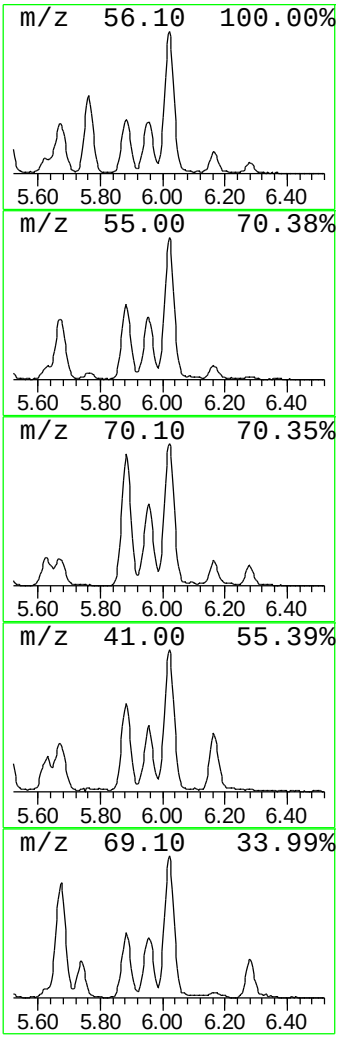
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	3.83 ug/L	528118	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
4	1-Heptene	98	C7H14	000592-76-7	83
5	1-Heptene	98	C7H14	000592-76-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

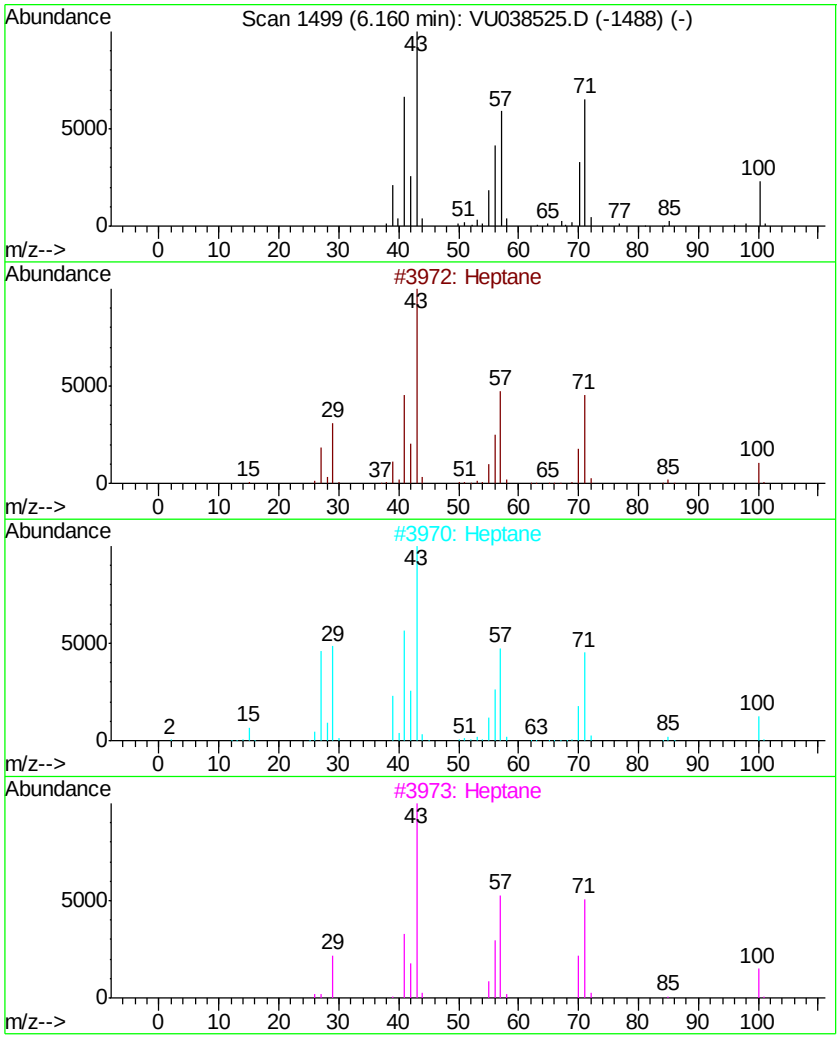
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

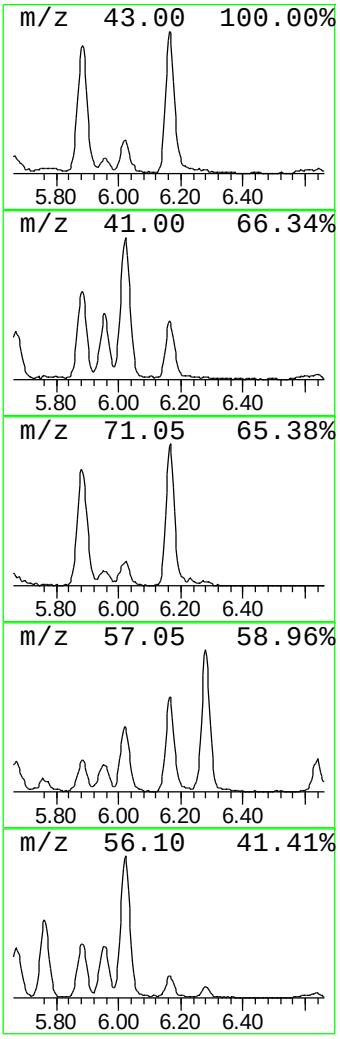
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	1.15 ug/L	157750	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	78
3	Heptane	100	C7H16	000142-82-5	74
4	Heptane	100	C7H16	000142-82-5	68
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

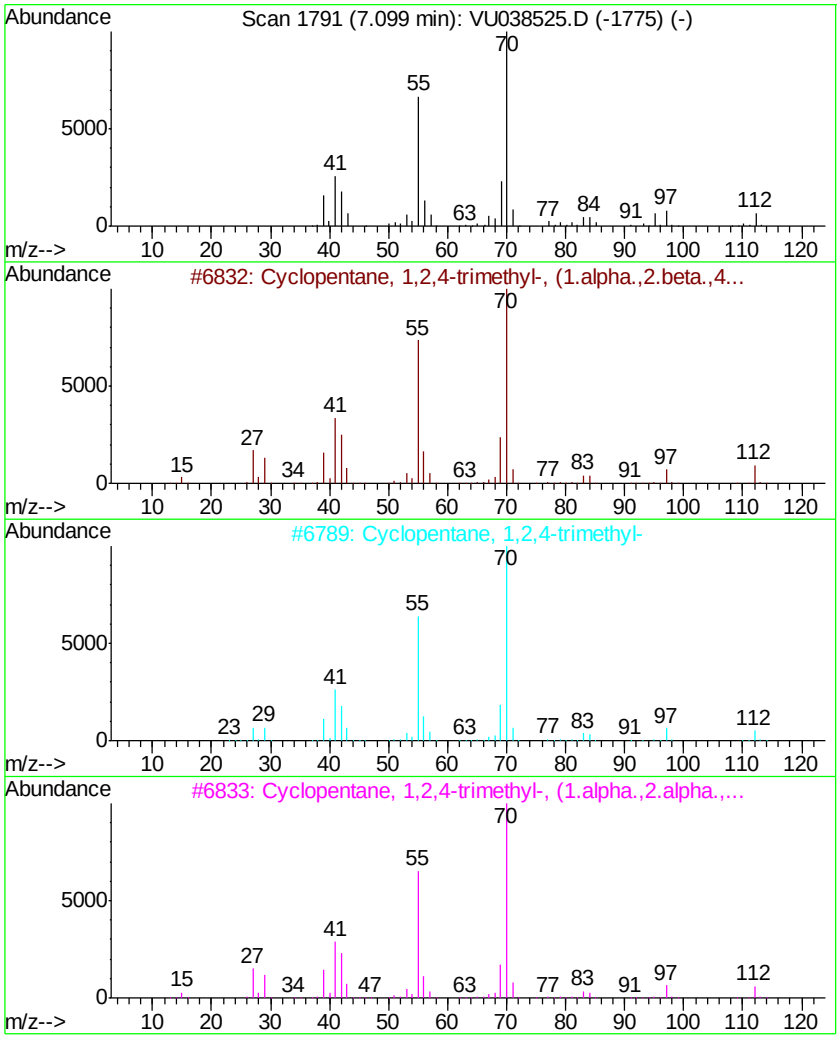
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

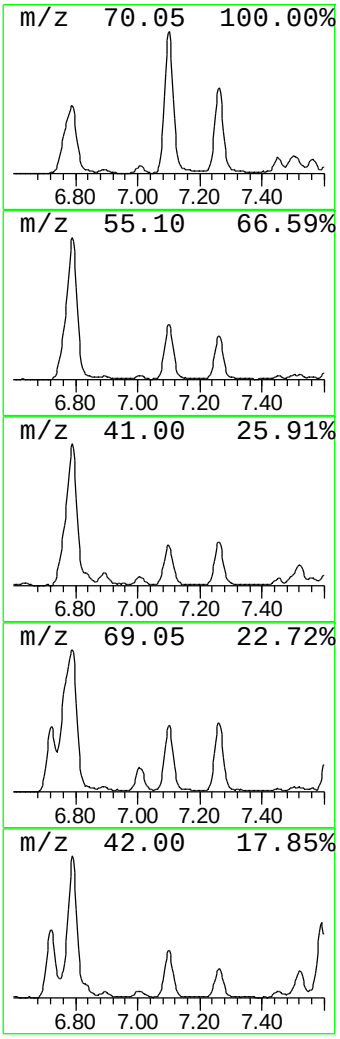
****

Peak Number 12 (DEL) Alkane: Cyclic7.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	3.53 ug/L	486811	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	93
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

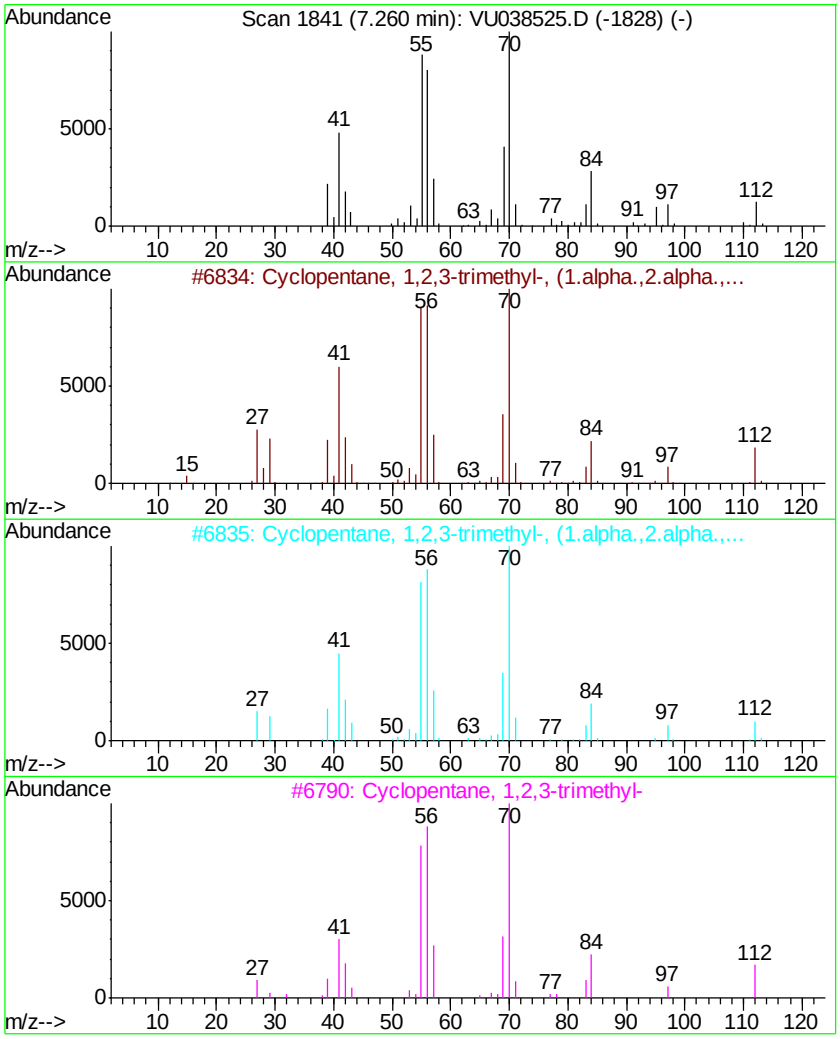
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

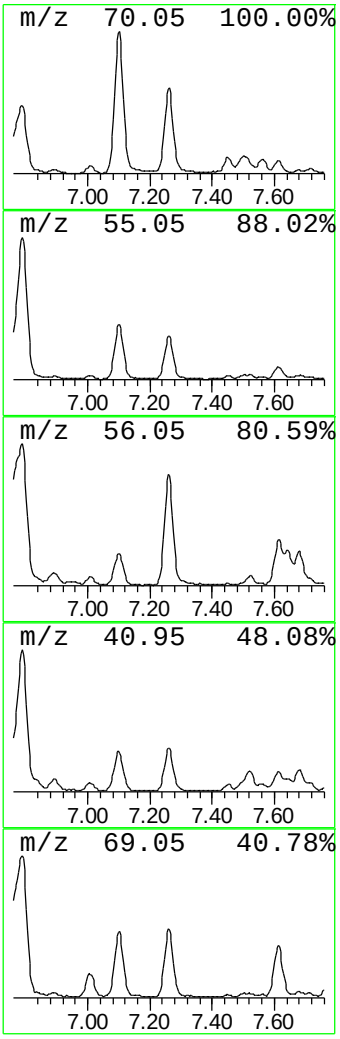
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.34 ug/L	459866	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	95
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	68
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

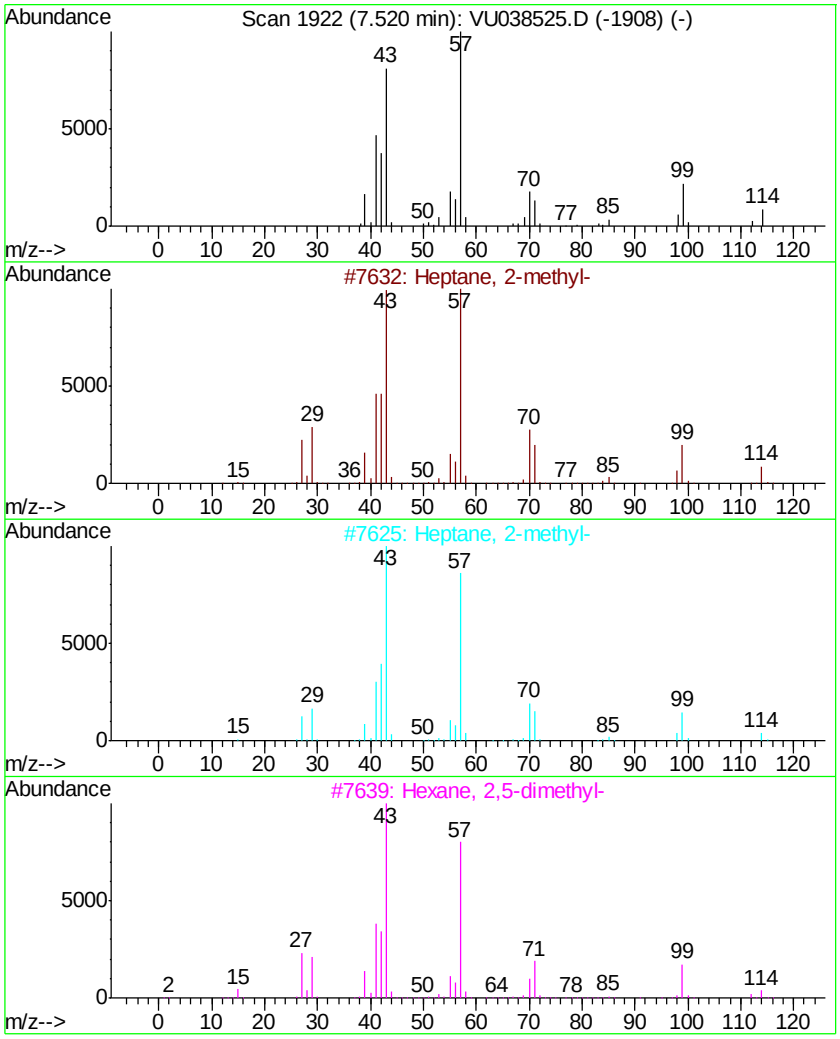
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

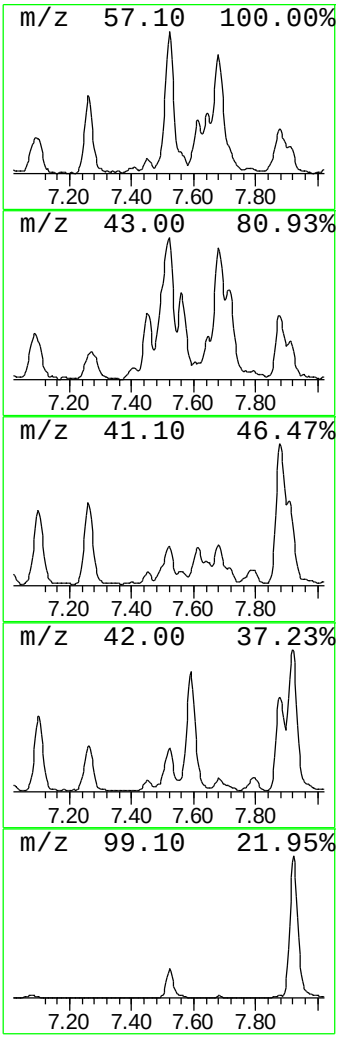
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	1.08 ug/L	149337	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	81
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	50





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

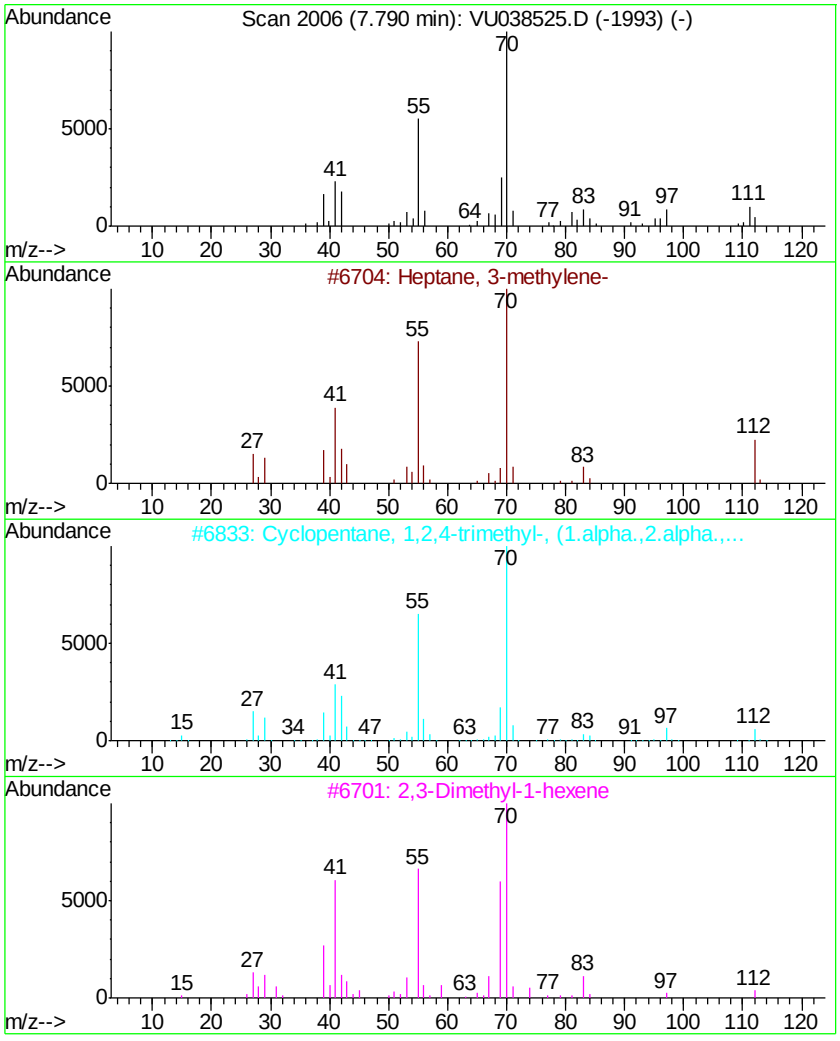
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

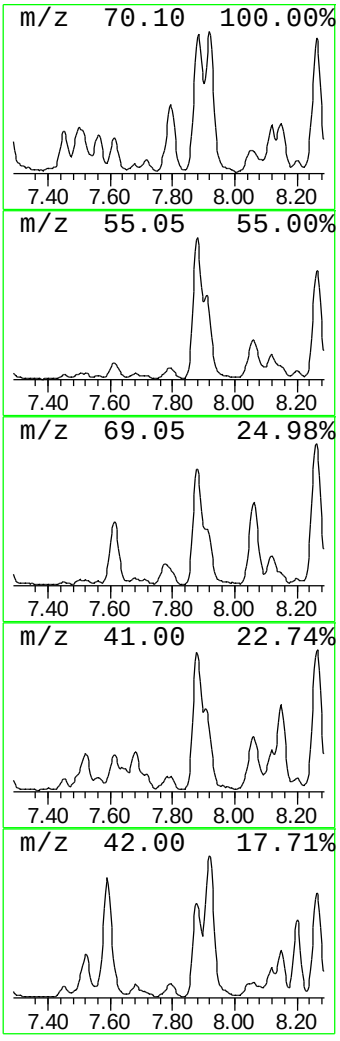
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	0.82 ug/L	112640	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methylene-	112	C8H16	001632-16-2	72
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
3	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	72
4	3-(Cyclopropylamino)propionitrile	110	C6H10N2	058196-47-7	64
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	59





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

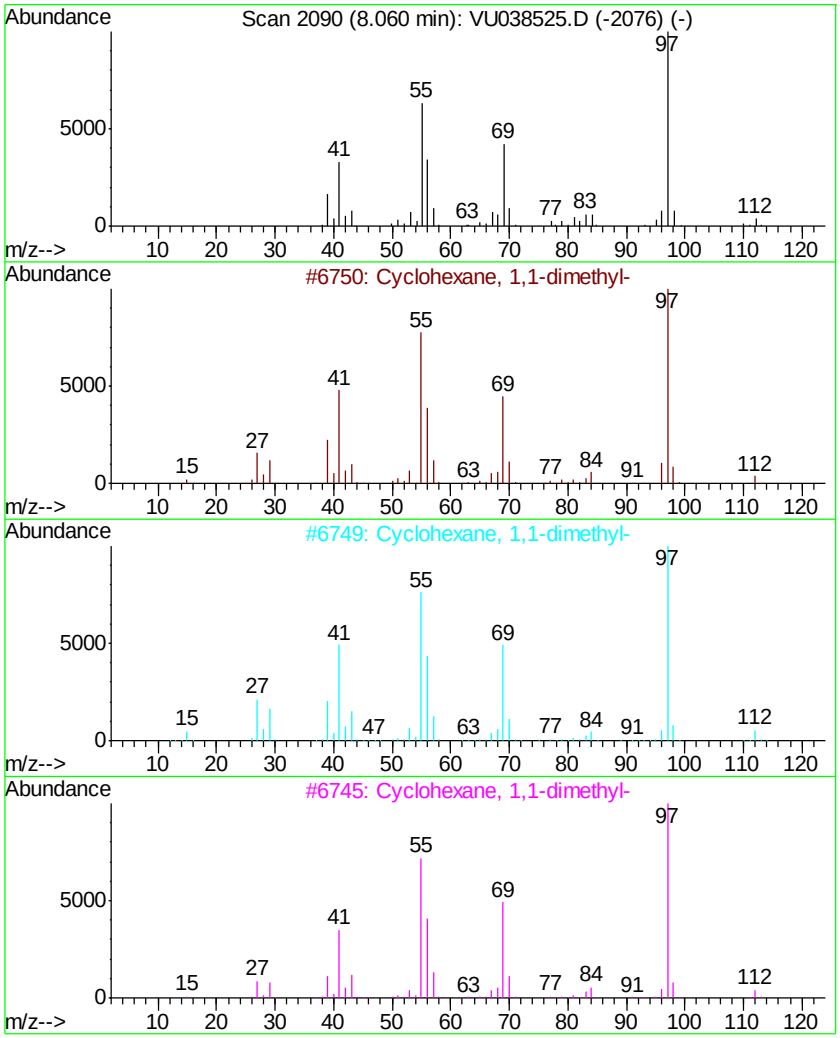
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

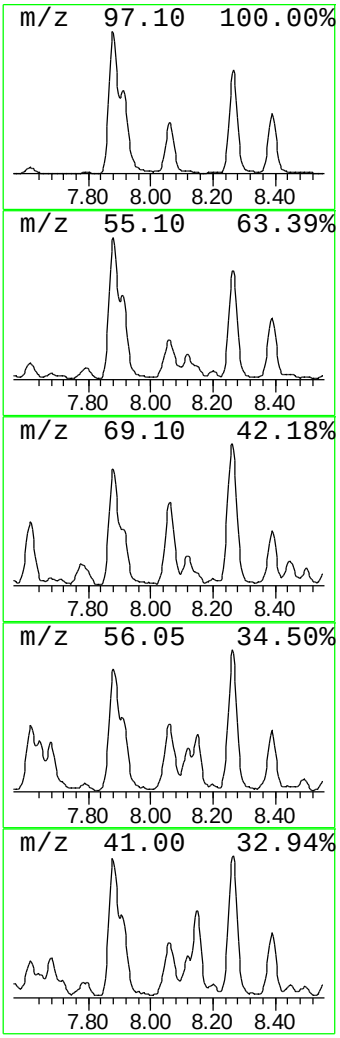
****

Peak Number 17 (DEL) Alkane: Cyclic8.06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.05 ug/L	351914	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	97
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	95
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	91
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

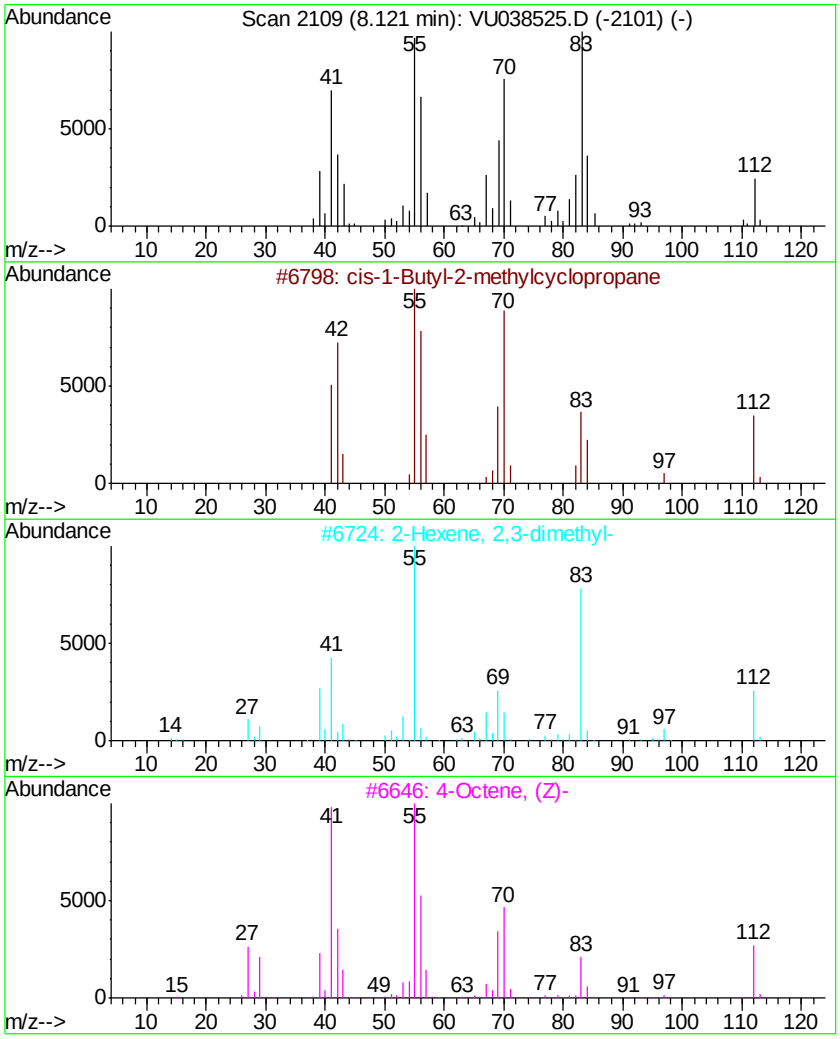
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

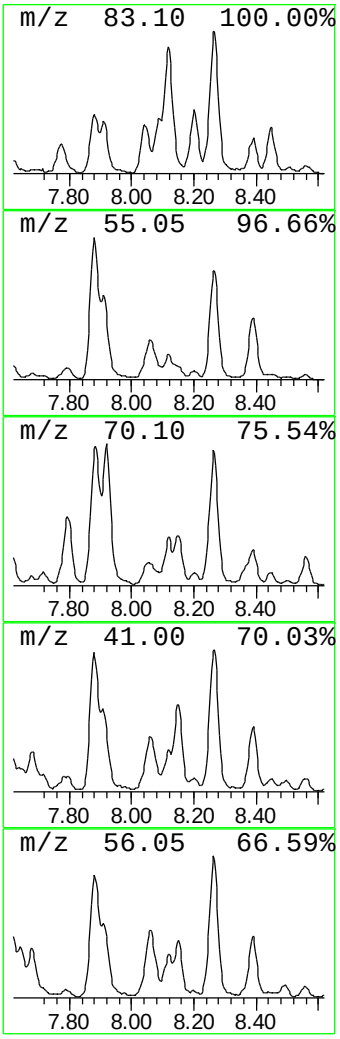
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	0.82 ug/L	140939	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	49
2	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	46
3	4-Octene, (Z)-	112	C8H16	007642-15-1	46
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	46
5	2-Octene, (Z)-	112	C8H16	007642-04-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

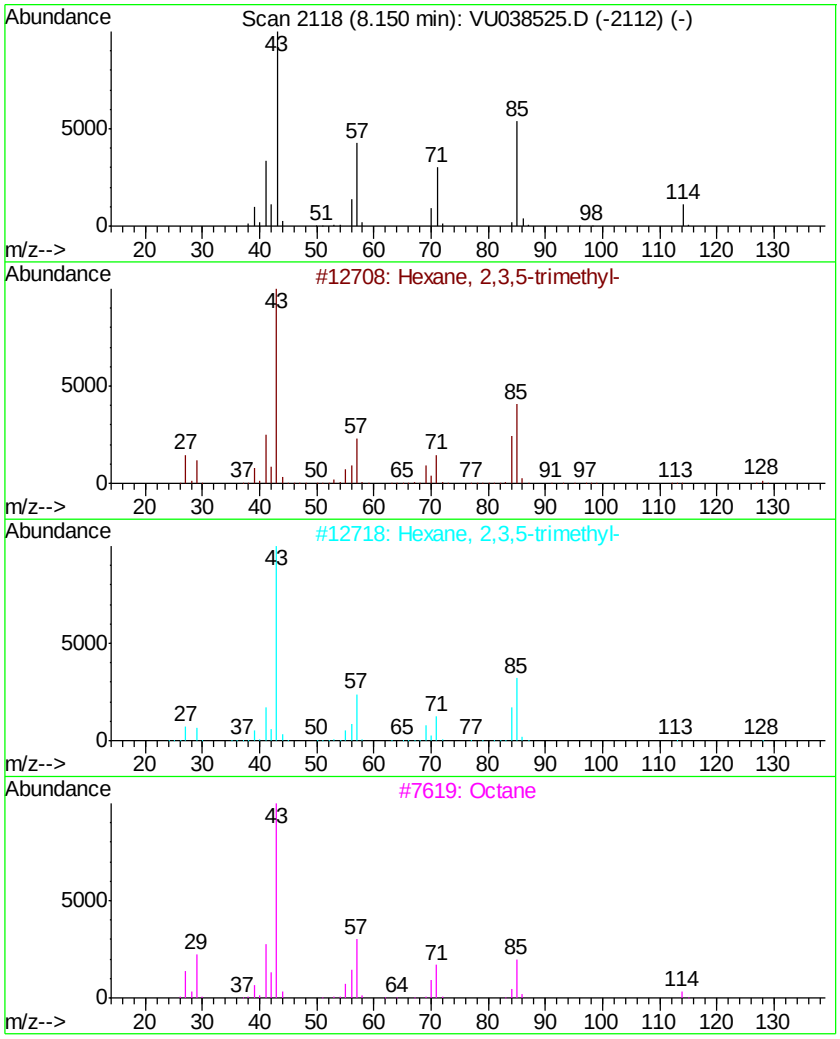
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

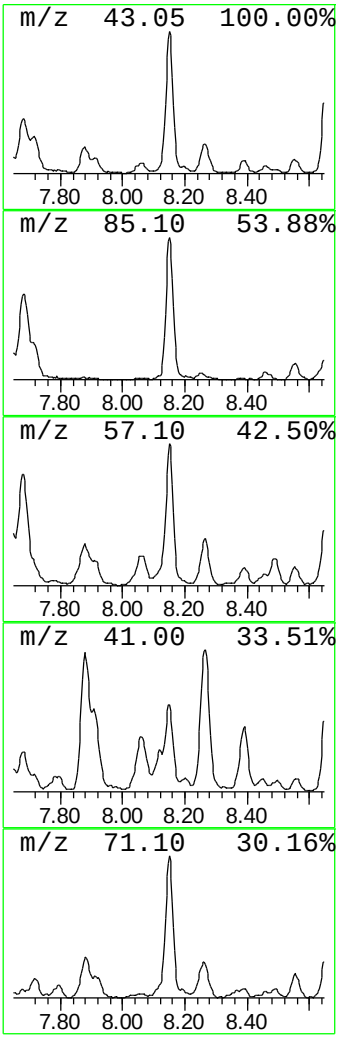
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	1.60 ug/L	273687	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	78
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
3	Octane	114	C8H18	000111-65-9	64
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

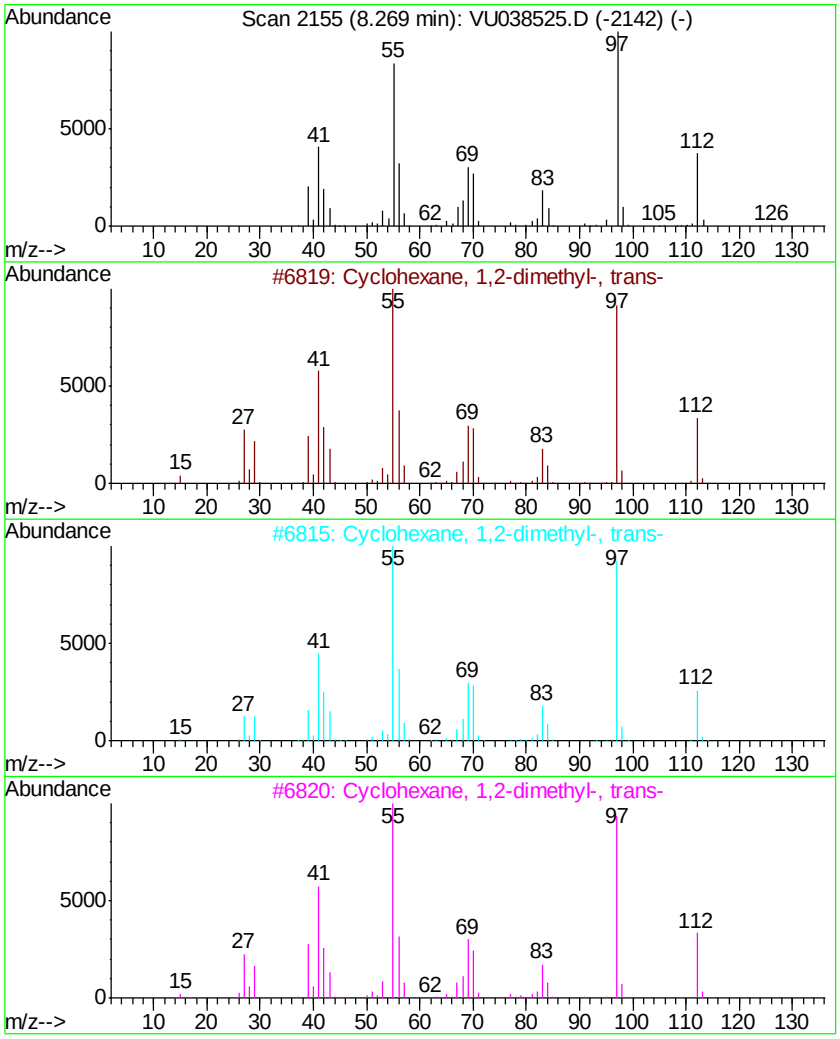
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

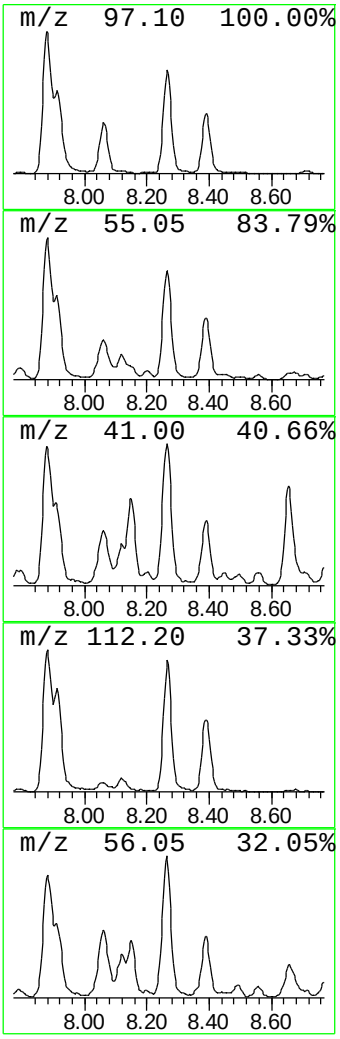
****

Peak Number 20 (DEL) Alkane: Cyclic8.27 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	4.77 ug/L	817833	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

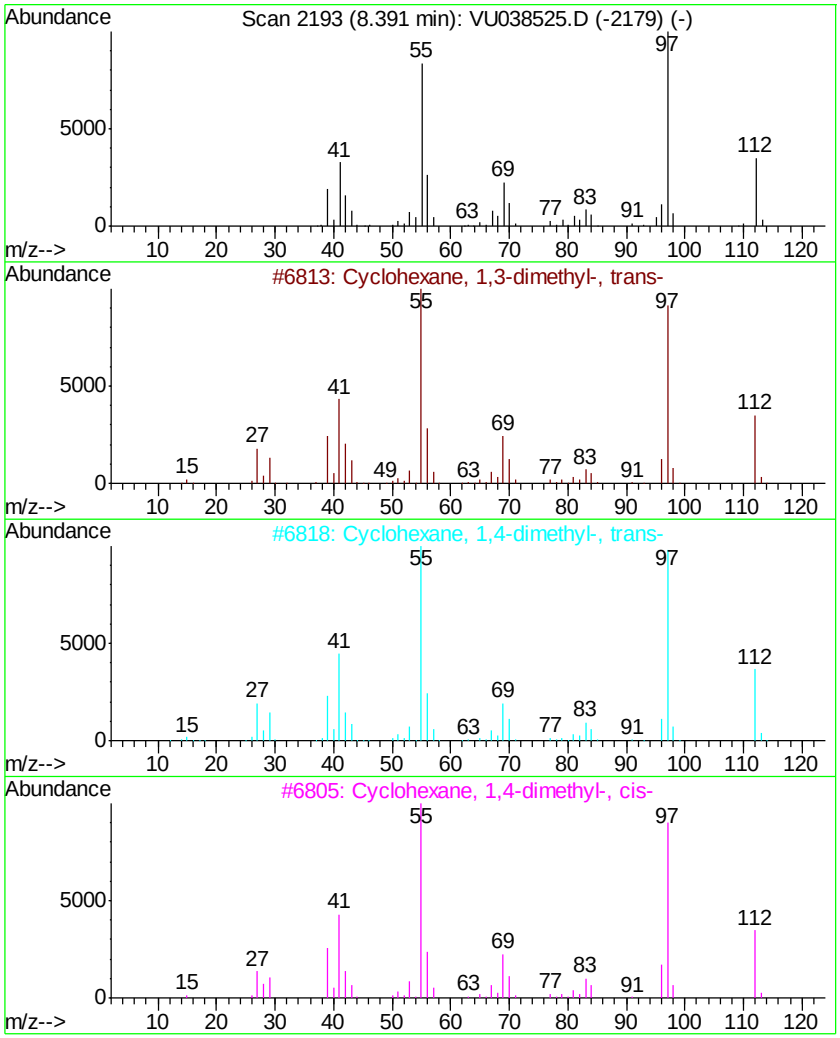
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

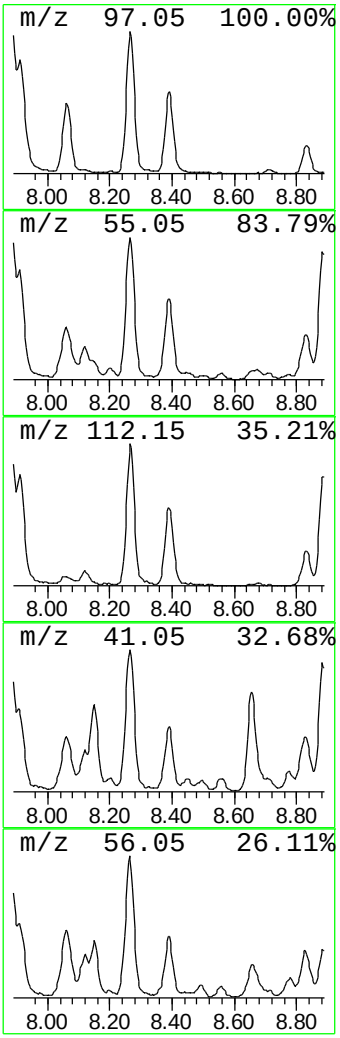
****

Peak Number 21 (DEL) Alkane: Cyclic8.39 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	2.14 ug/L	366788	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

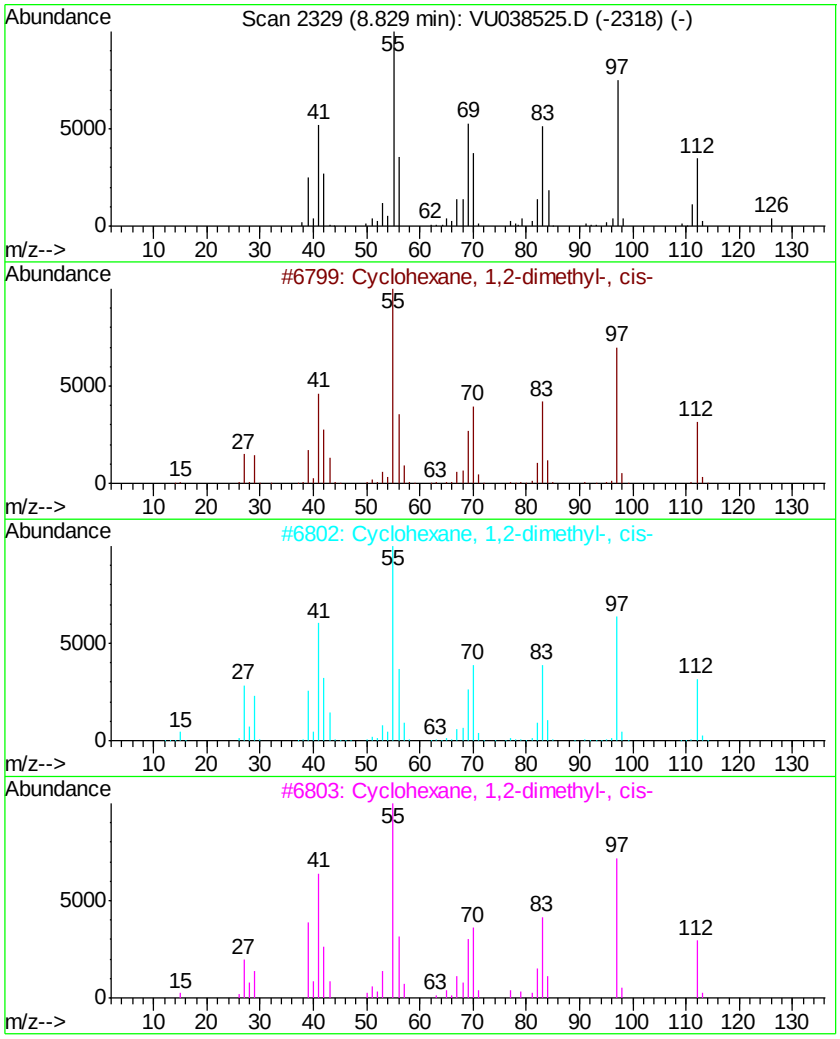
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

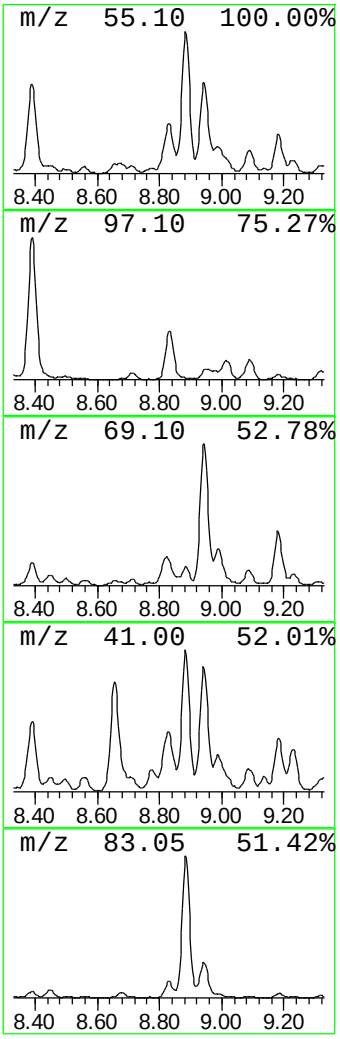
****

Peak Number 22 (DEL) Alkane: Cyclic8.83 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	1.32 ug/L	226424	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	90
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	87
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	86
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

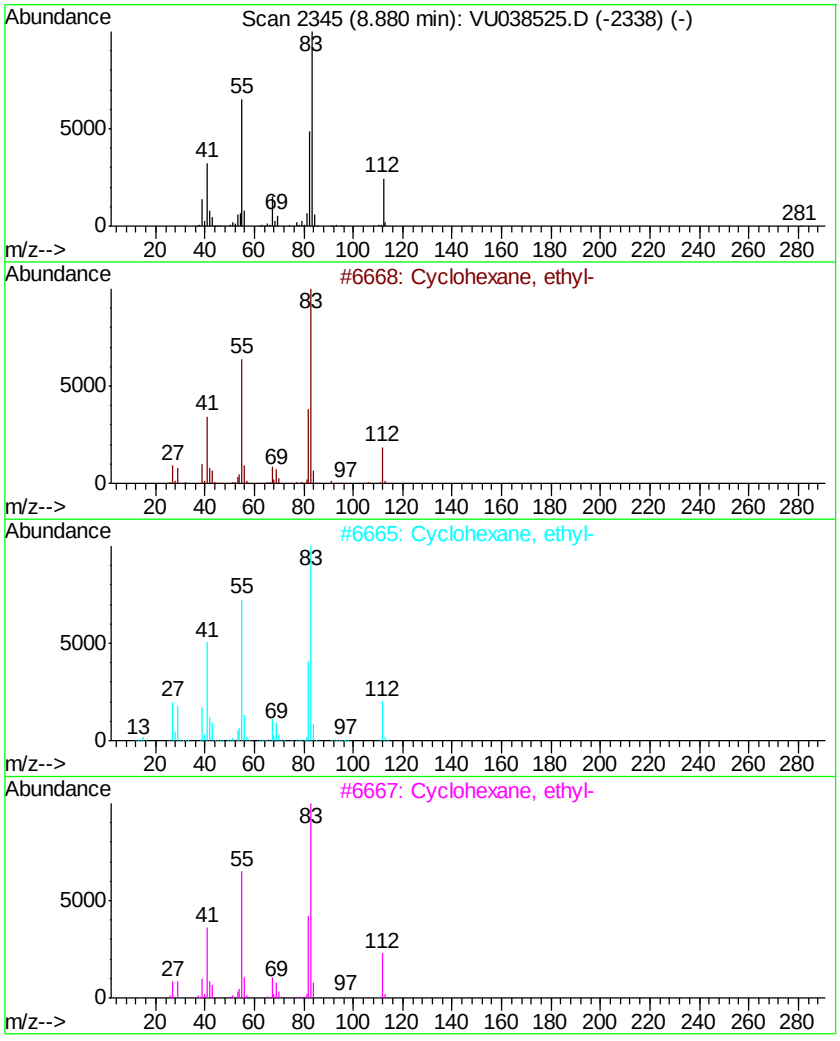
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

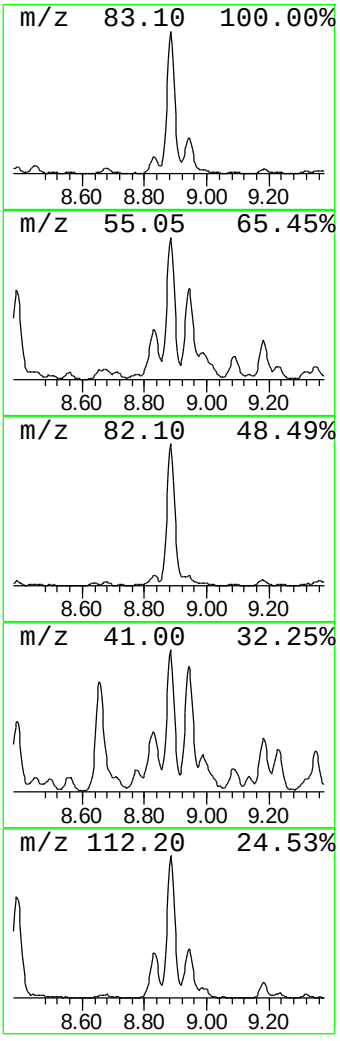
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.88 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.78 ug/L	476530	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

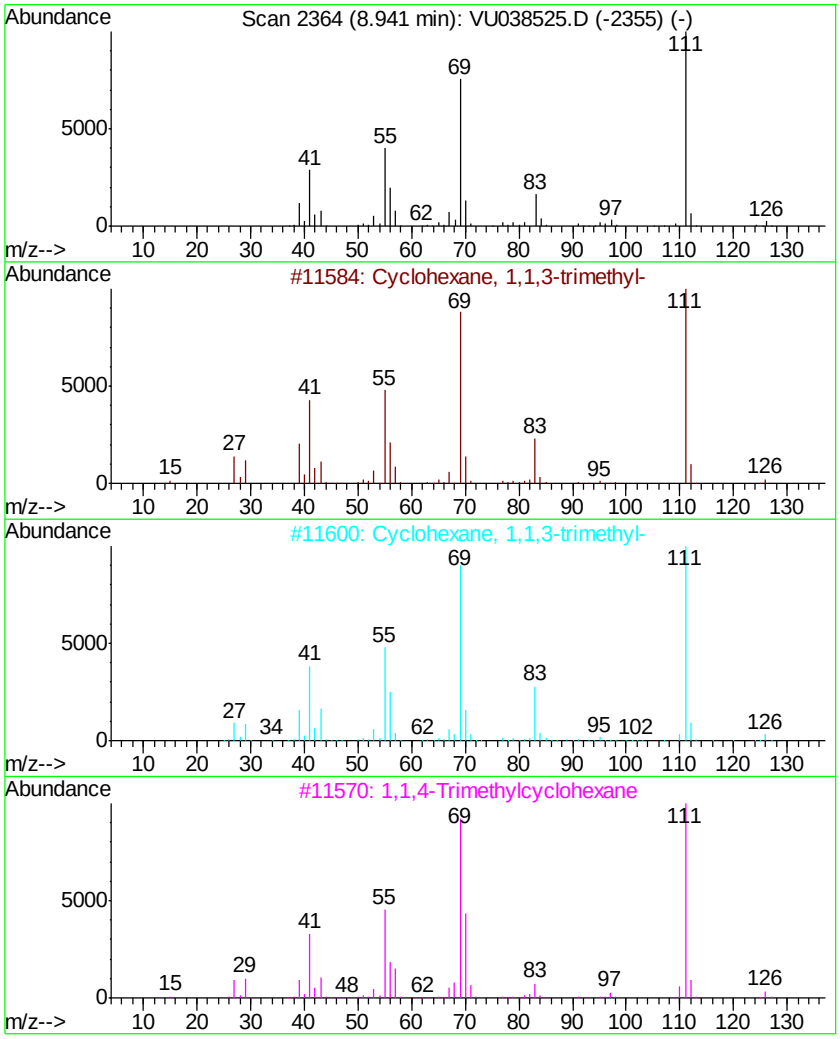
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

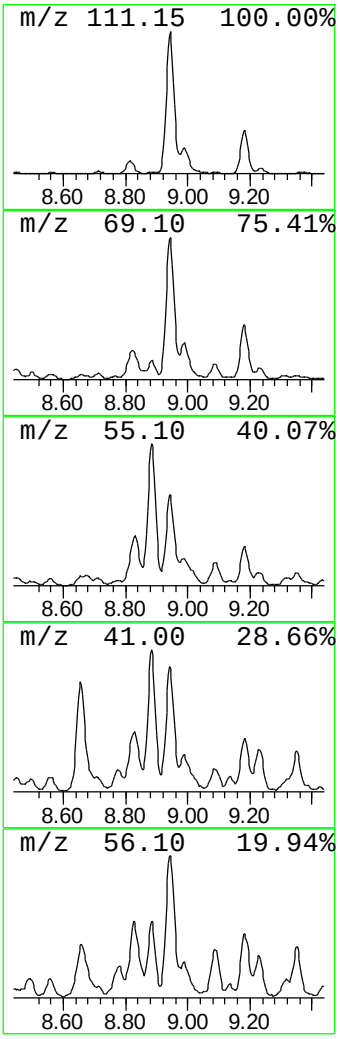
****

Peak Number 24 (DEL) Alkane: Cyclic8.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	3.12 ug/L	534584	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	86
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

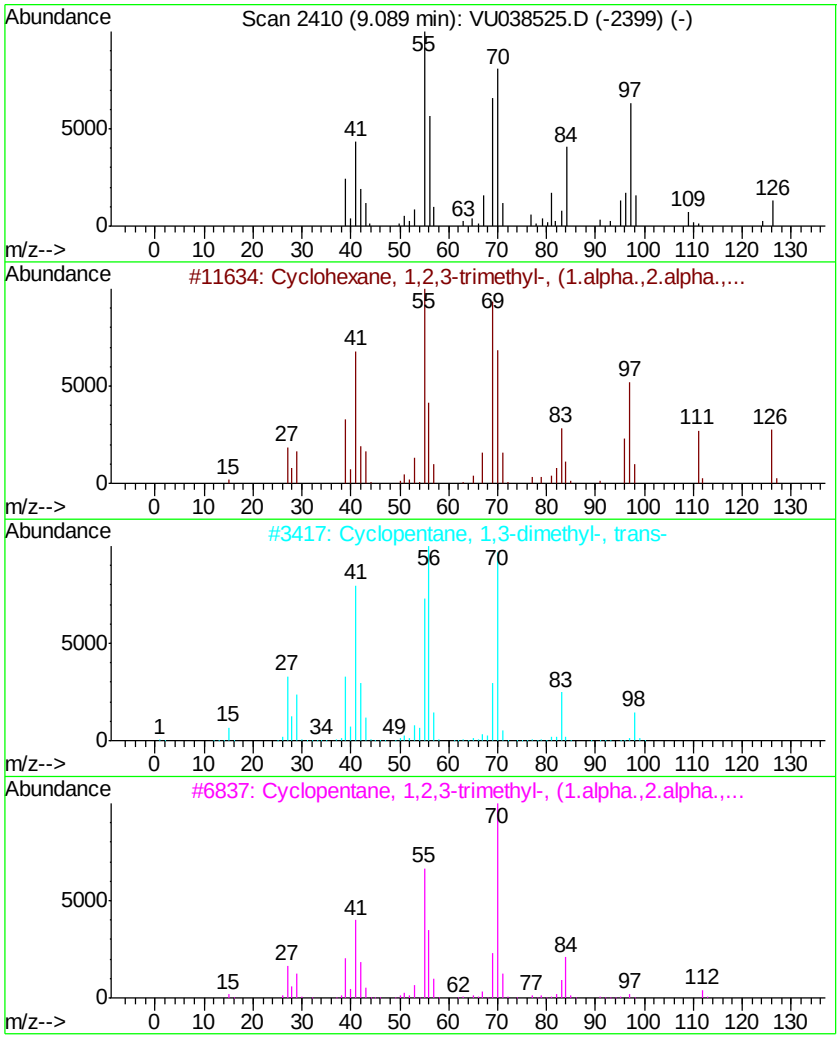
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

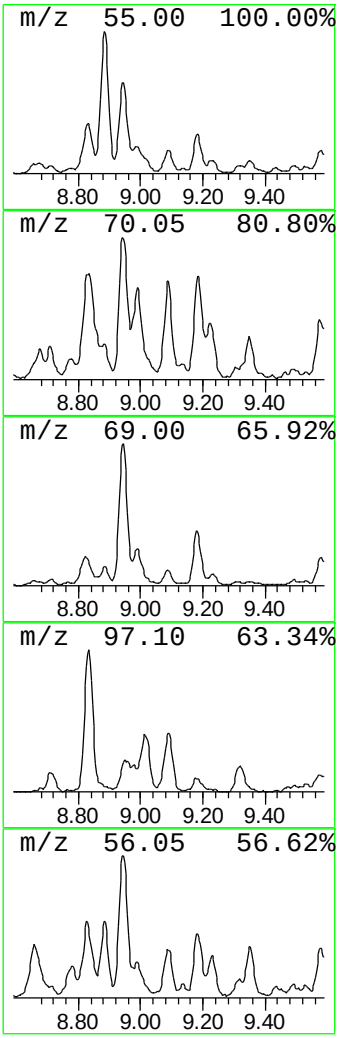
****

Peak Number 25 (DEL) Alkane: Cyclic9.09 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	0.65 ug/L	110730	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	43
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	43
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	35
4	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	35
5	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

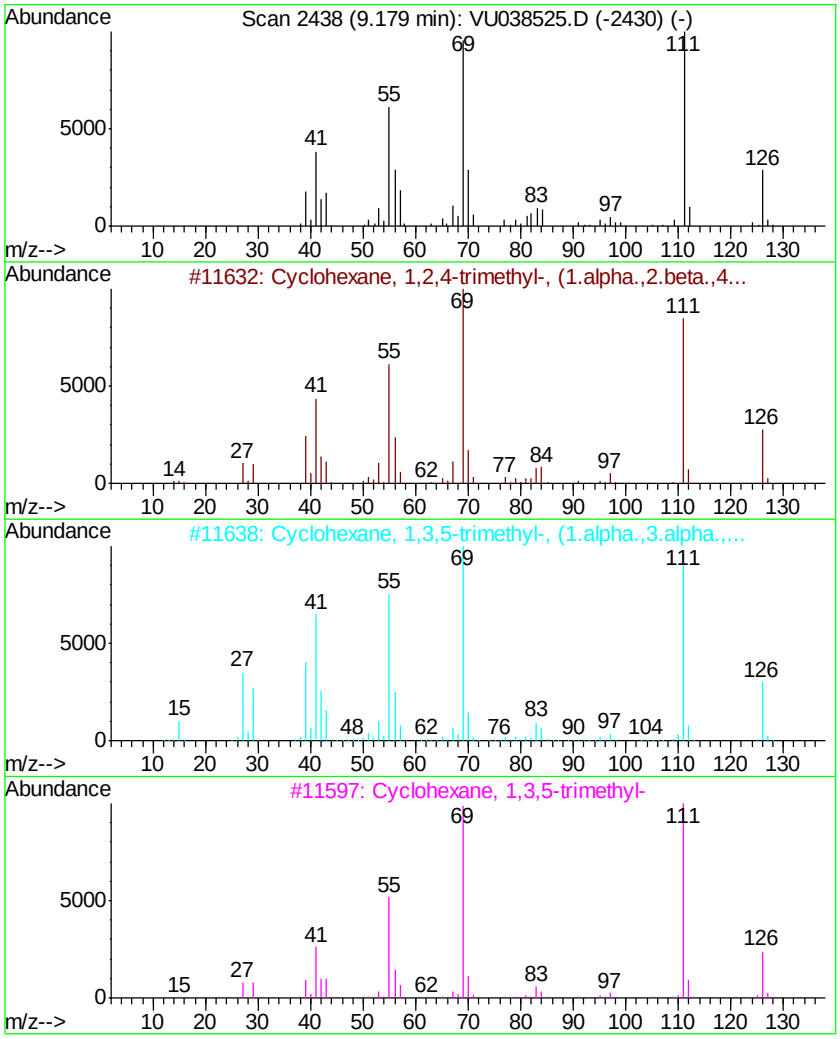
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

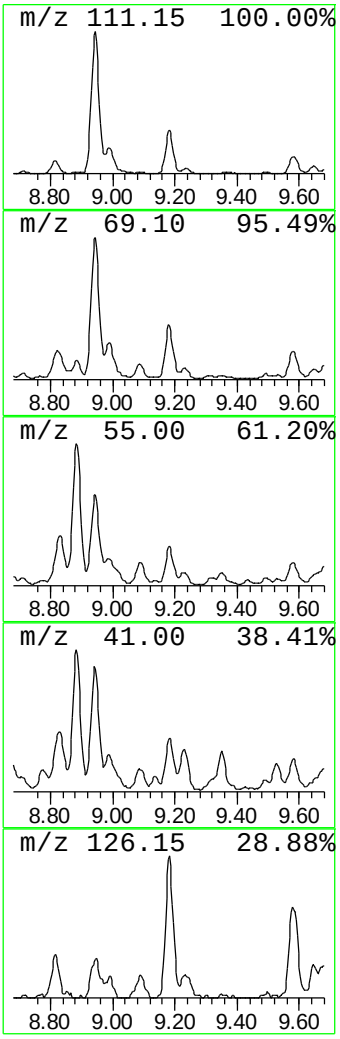
****

Peak Number 26 (DEL) Alkane: Cyclic9.18 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	1.50 ug/L	256755	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

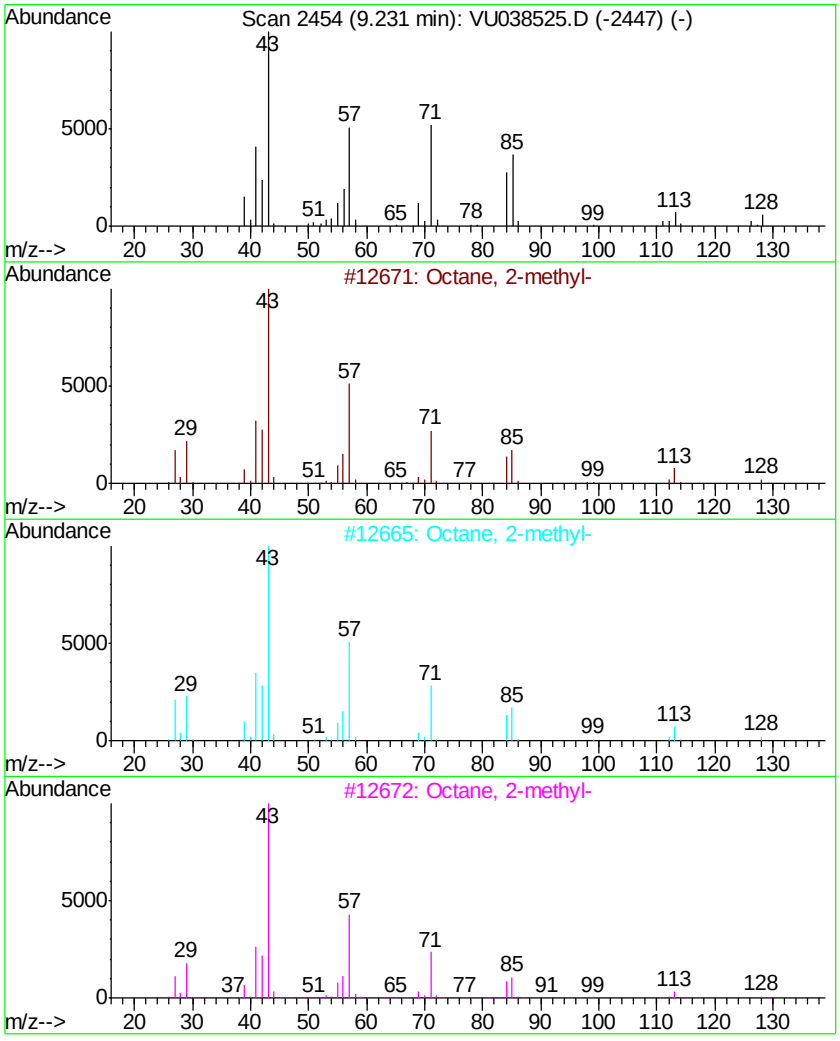
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

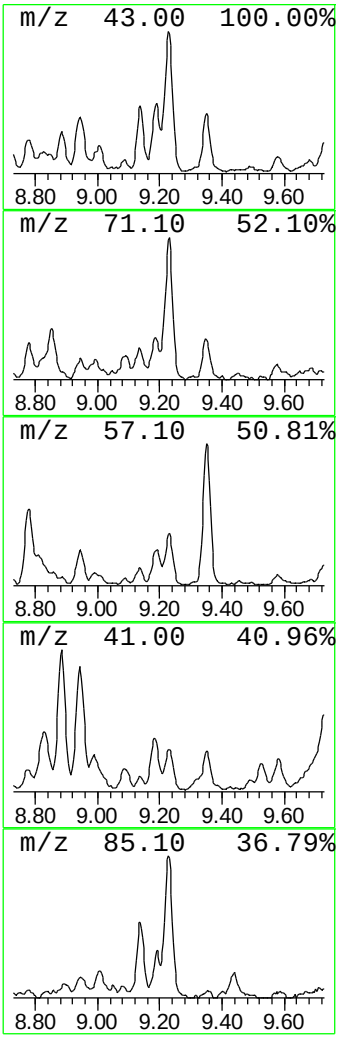
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	1.03 ug/L	176145	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2	Octane, 2-methyl-	128	C9H20	003221-61-2	87
3	Octane, 2-methyl-	128	C9H20	003221-61-2	86
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

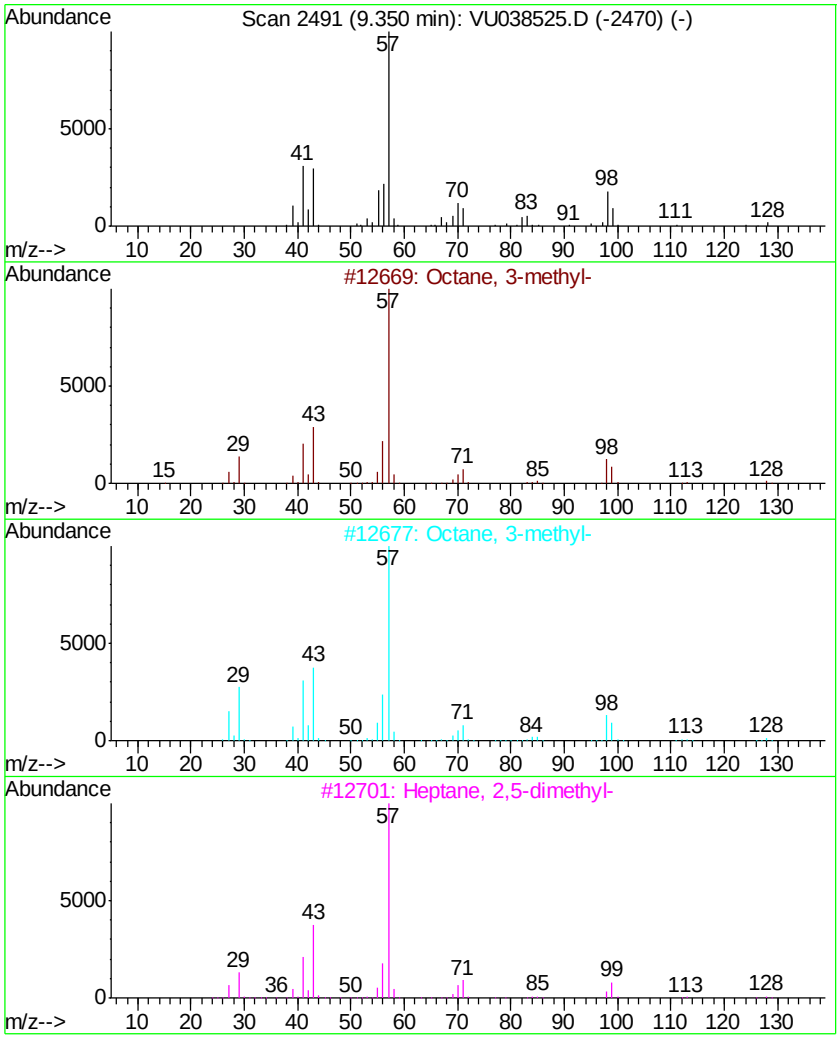
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

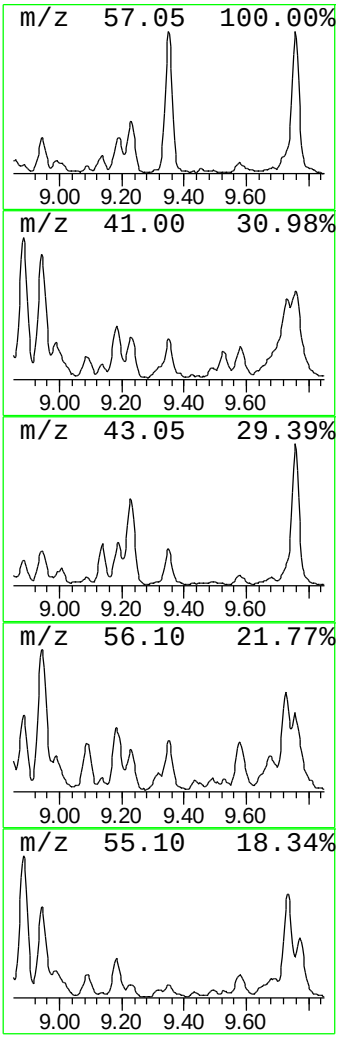
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	1.13 ug/L	193872	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Octane, 3-methyl-	128	C9H20	002216-33-3	64
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

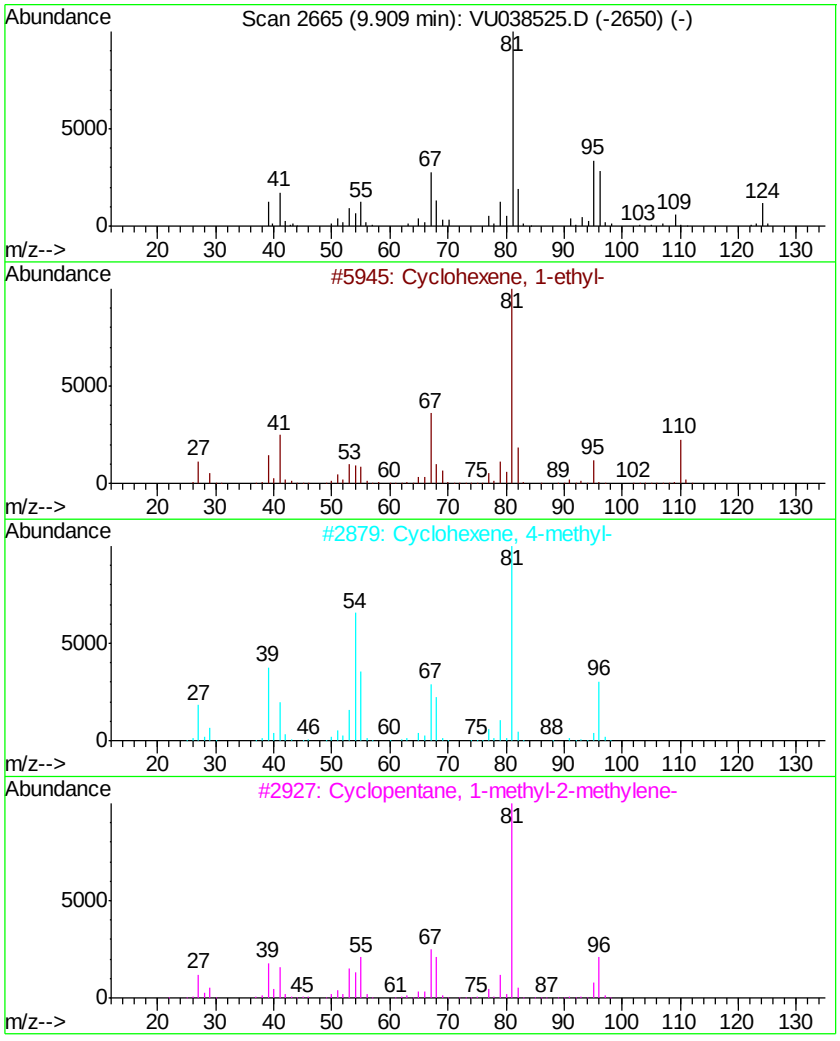
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

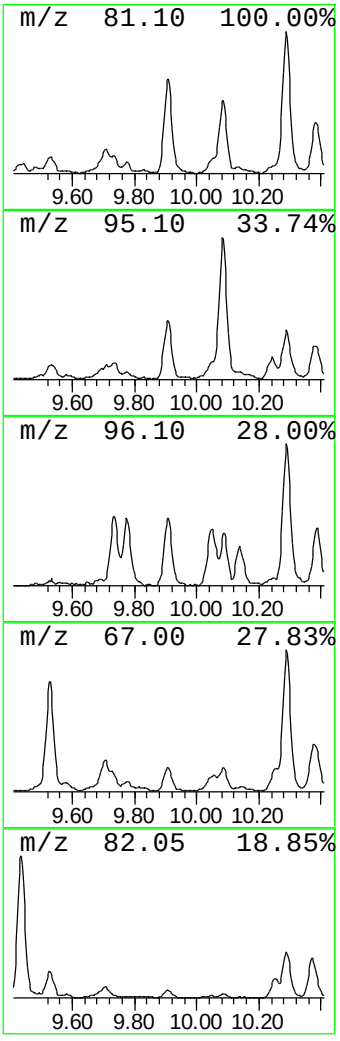
****

Peak Number 30 Cyclohexene, 1-ethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	1.09 ug/L	186932	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	59
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	58
3	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	53
4	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	49
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

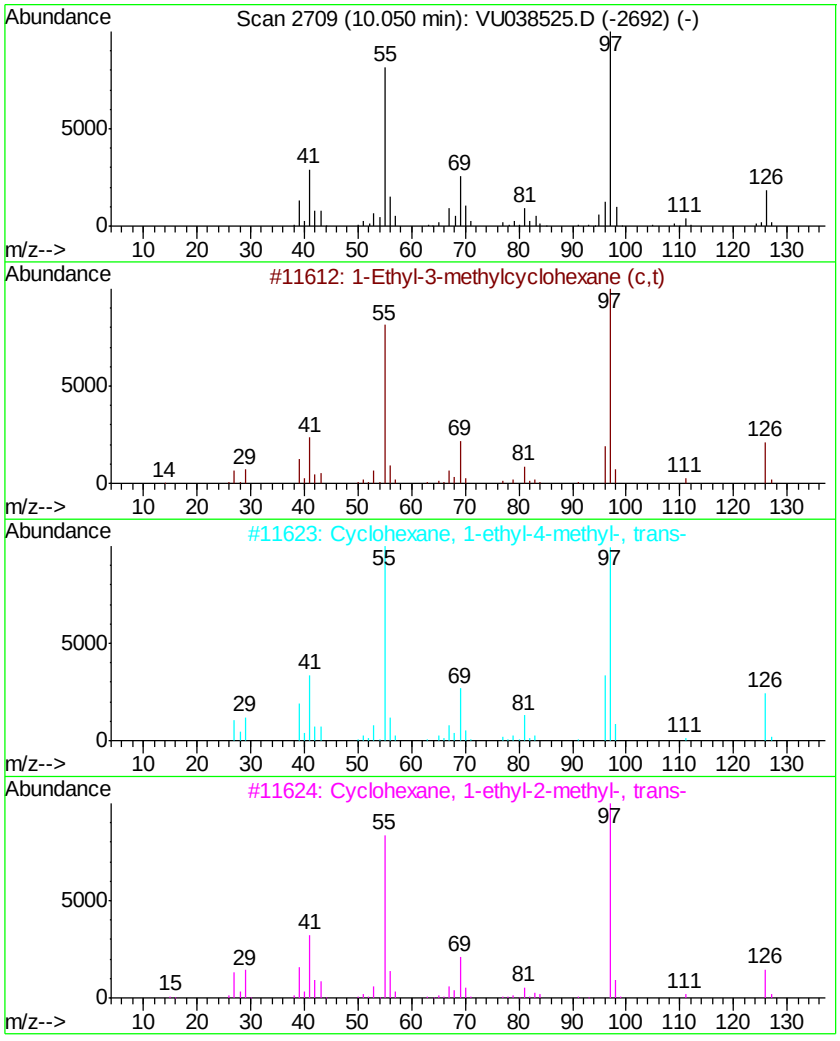
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

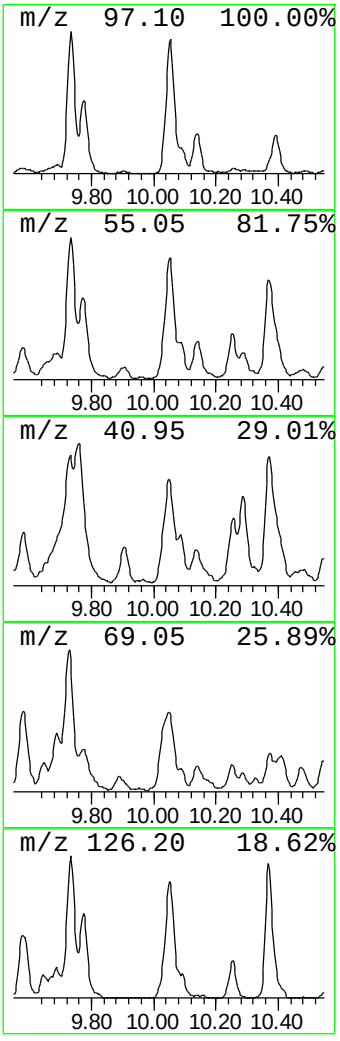
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	2.68 ug/L	459653	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

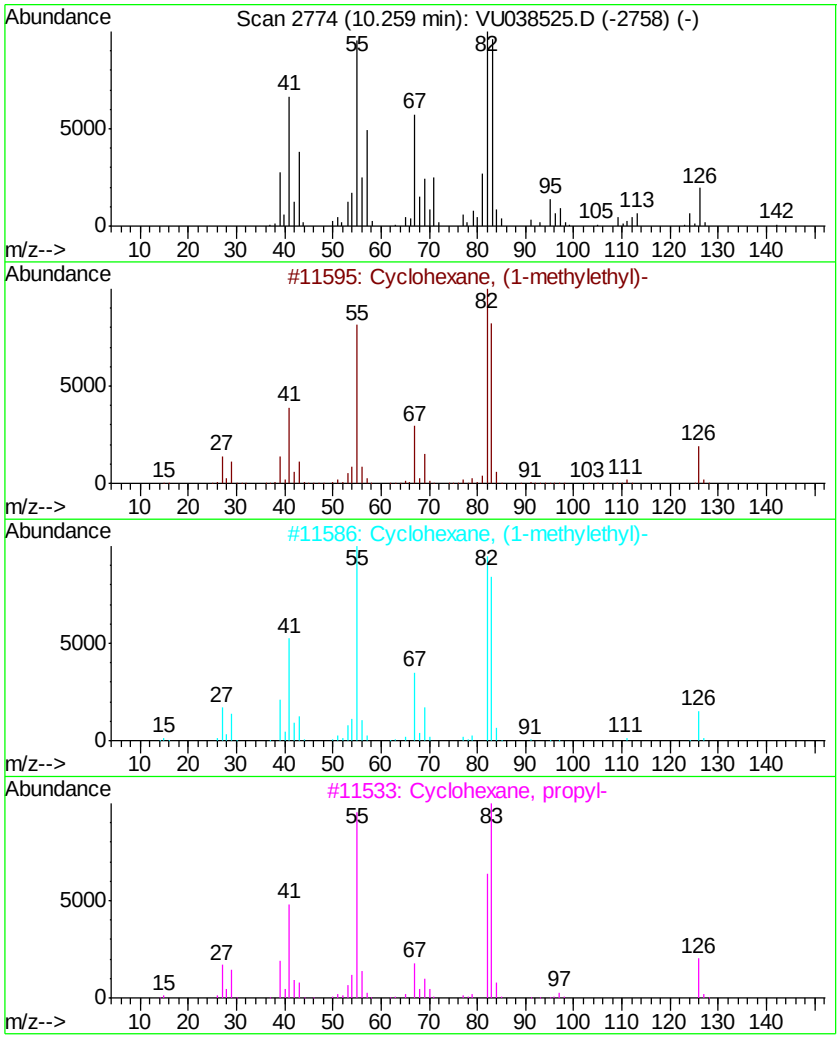
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

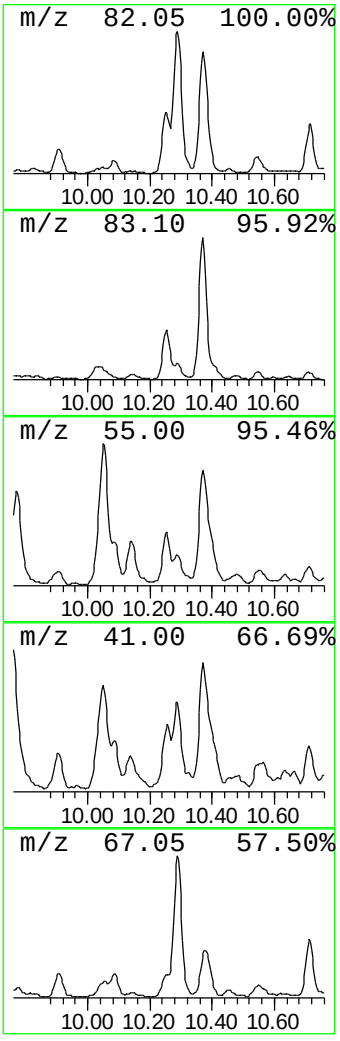
****

Peak Number 32 (DEL) Alkane: Cyclic10.26 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	1.08 ug/L	184469	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
4	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	47
5	Fumaric acid, hexadecyl trans-he...	422	C26H46O4	1000348-89-6	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

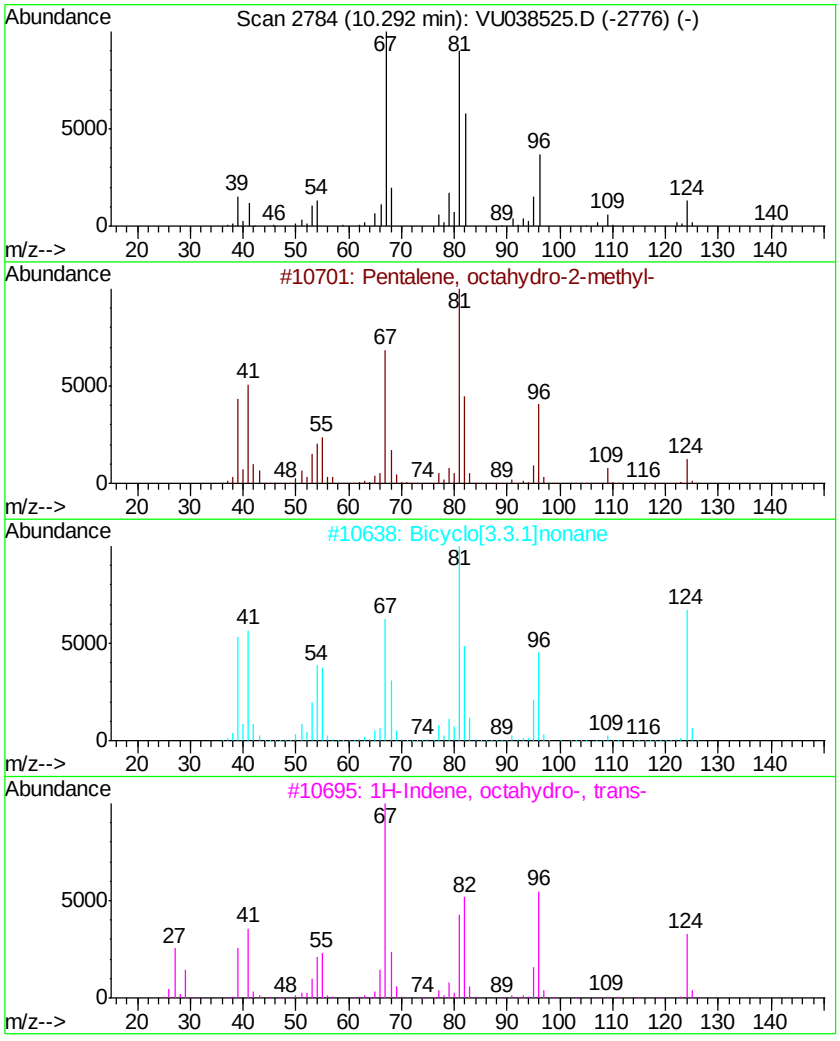
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

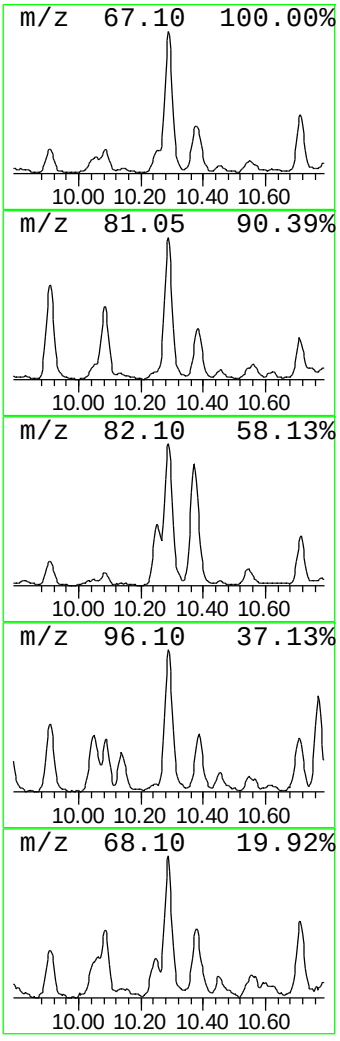
****

Peak Number 33 Pentalene, octahydro-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.60 ug/L	445949	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	58
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
4	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	53
5	Cyclopentane, (2-methylpropylide...	124	C9H16	053366-58-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

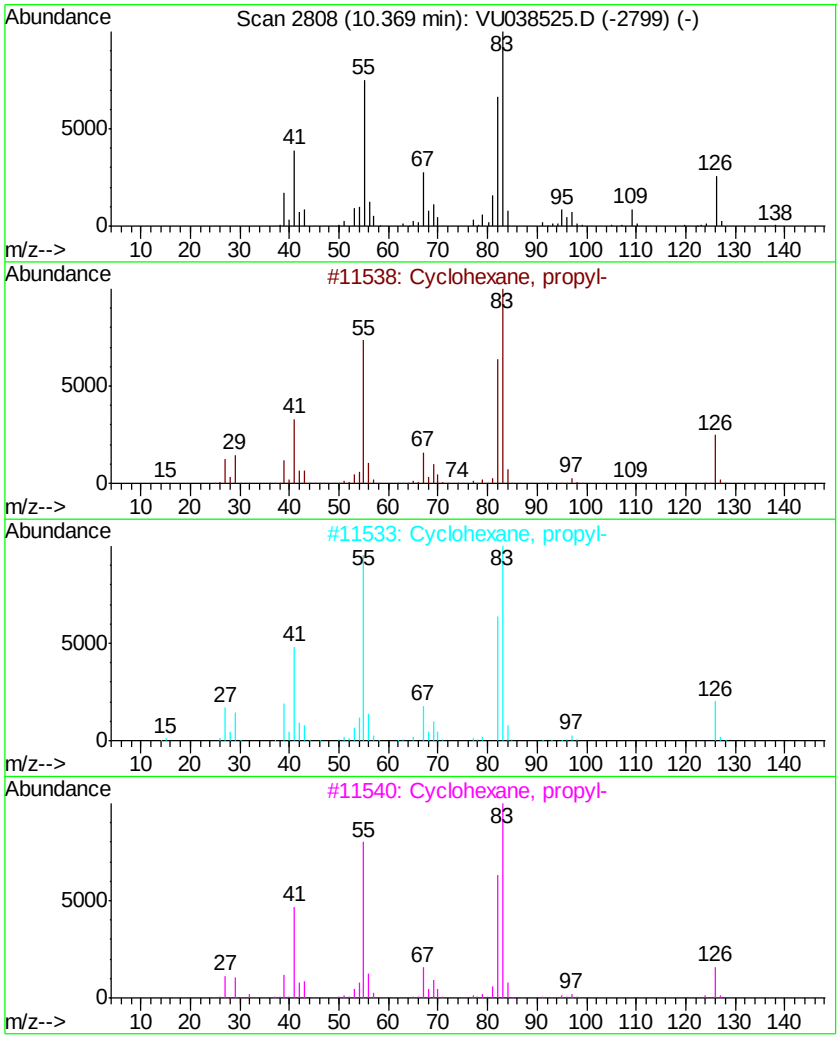
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

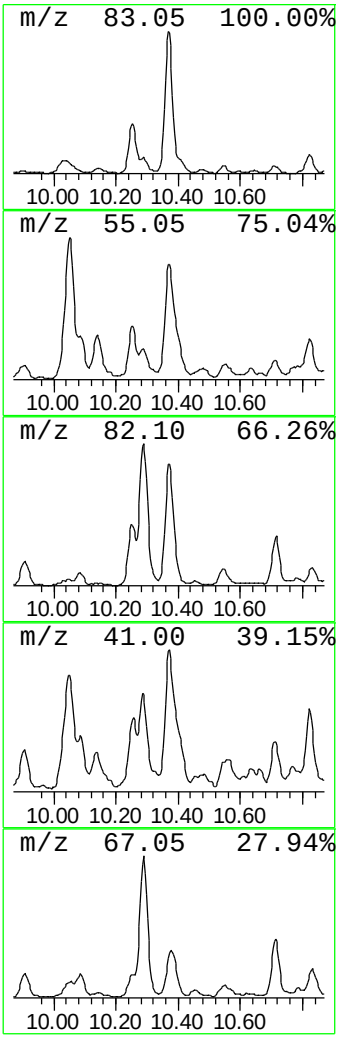
****

Peak Number 34 (DEL) Alkane: Cyclic10.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.18 ug/L	545347	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

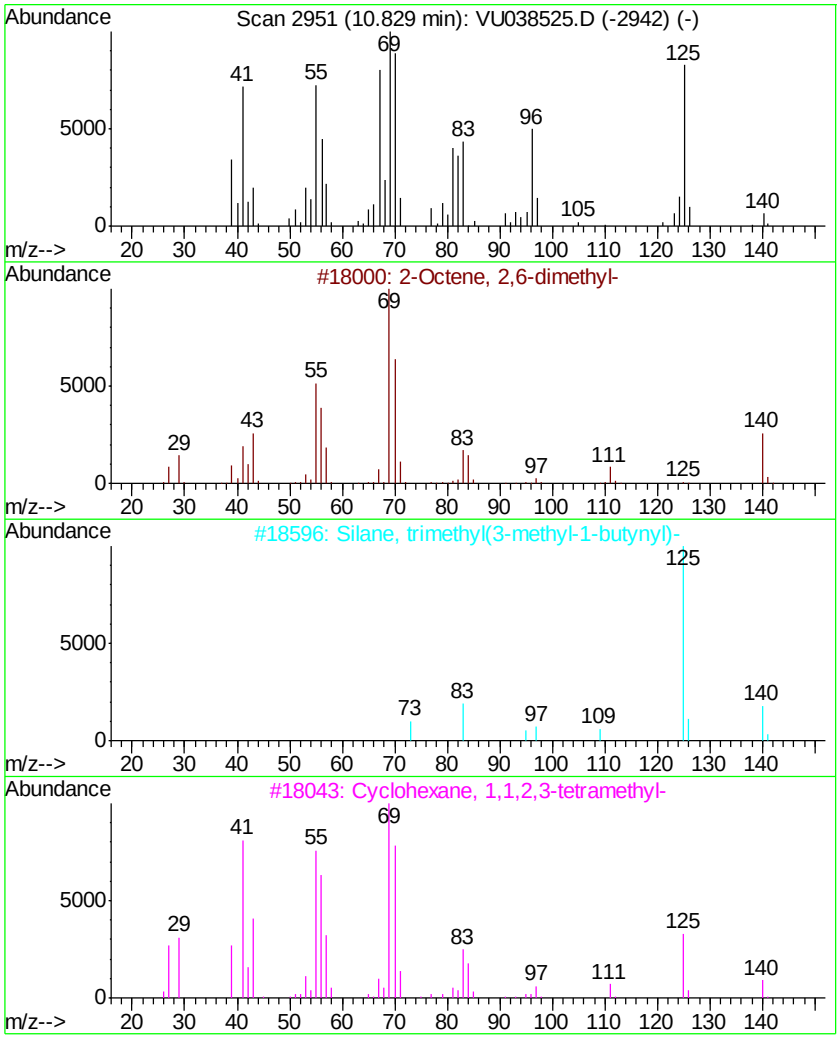
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

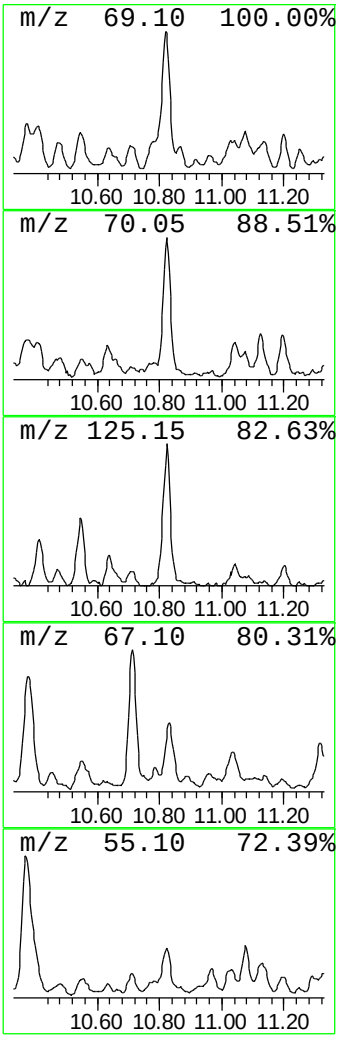
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	1.10 ug/L	234095	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2	Silane, trimethyl(3-methyl-1-but...	140	C8H16Si	018388-07-3	47
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	47
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

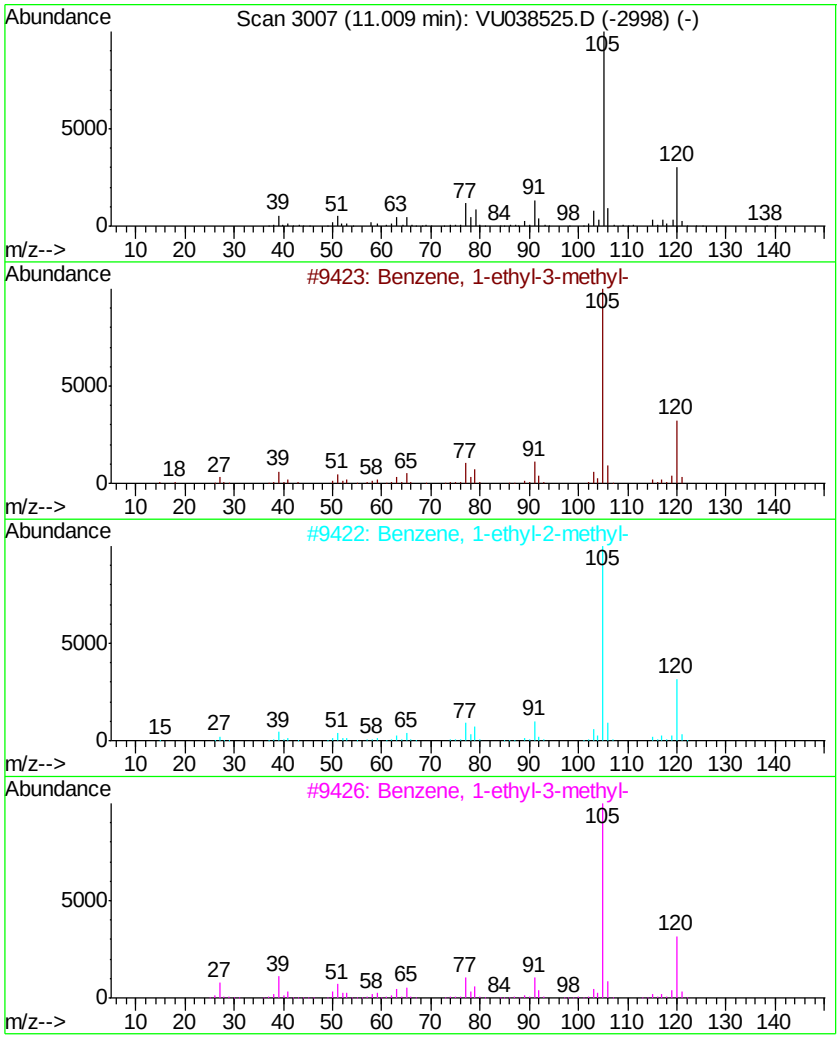
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

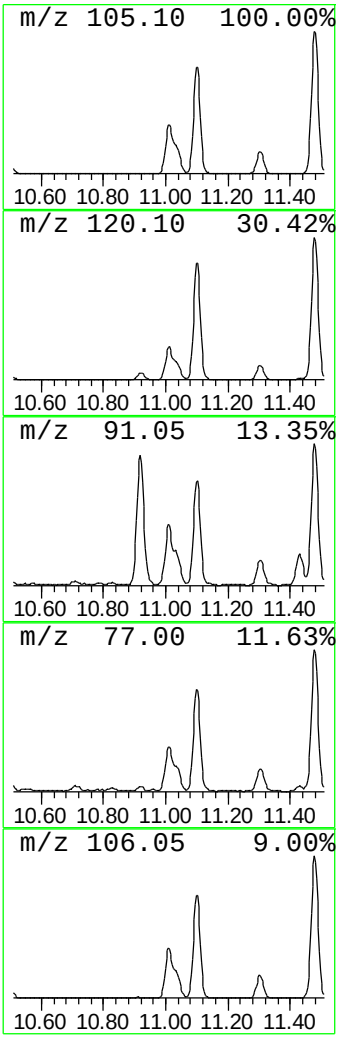
****

Peak Number 39 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.00 ug/L	851585	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

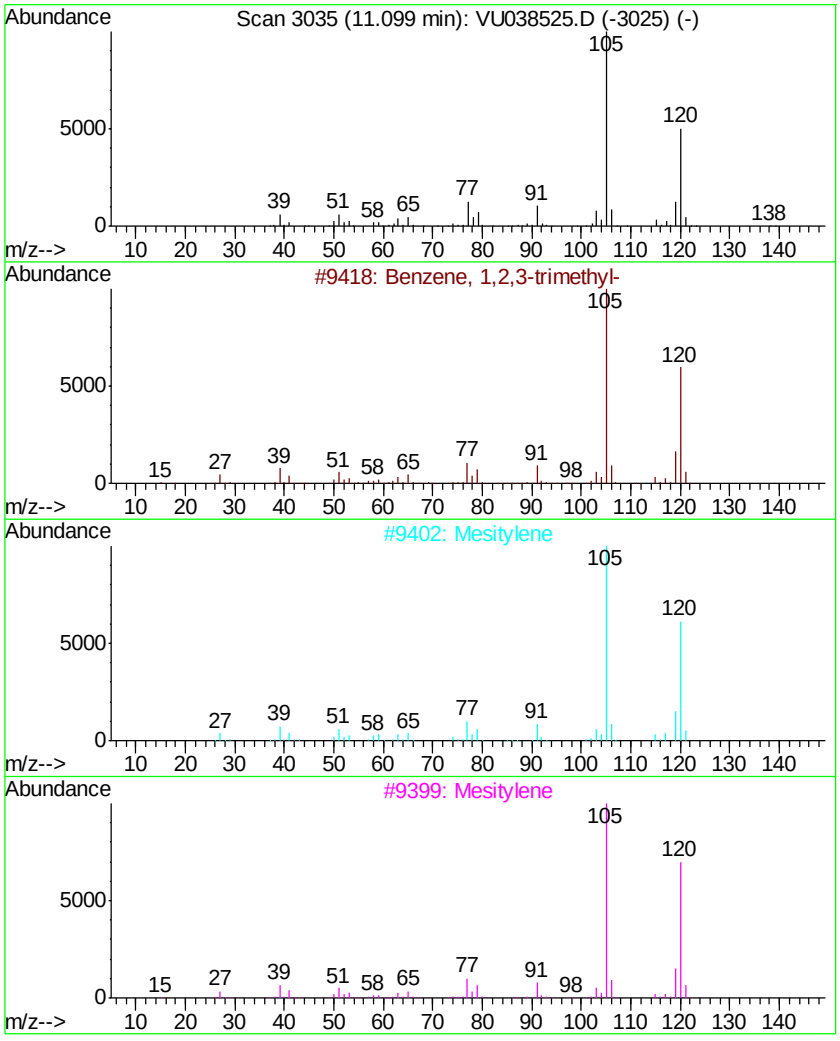
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

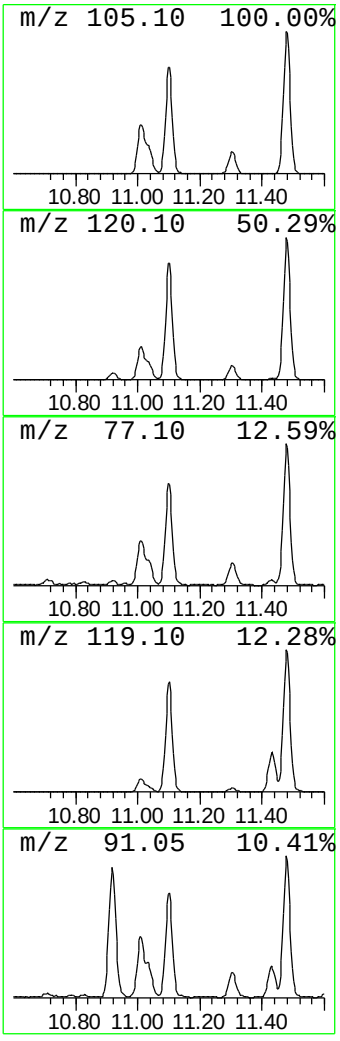
****

Peak Number 40 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	6.33 ug/L	1348720	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

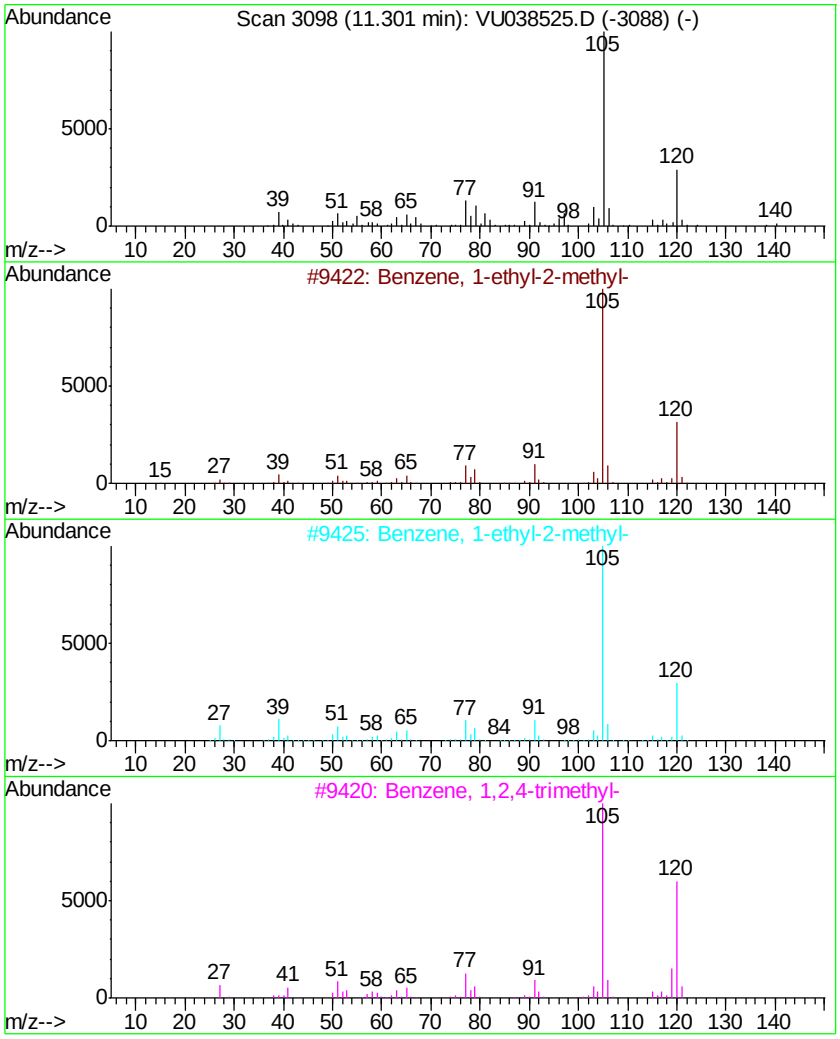
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

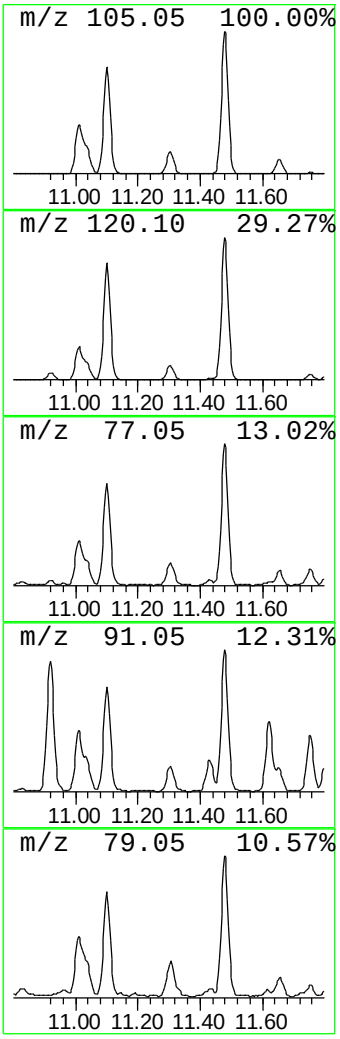
****

Peak Number 41 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	1.72 ug/L	366330	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

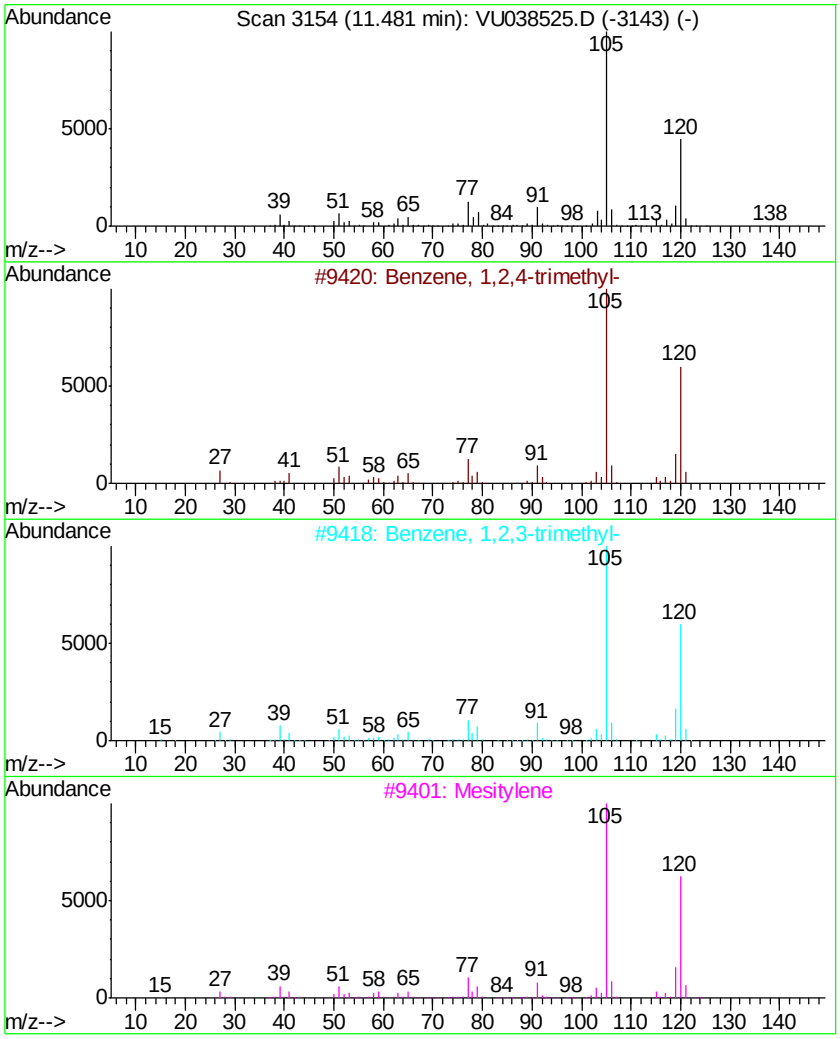
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

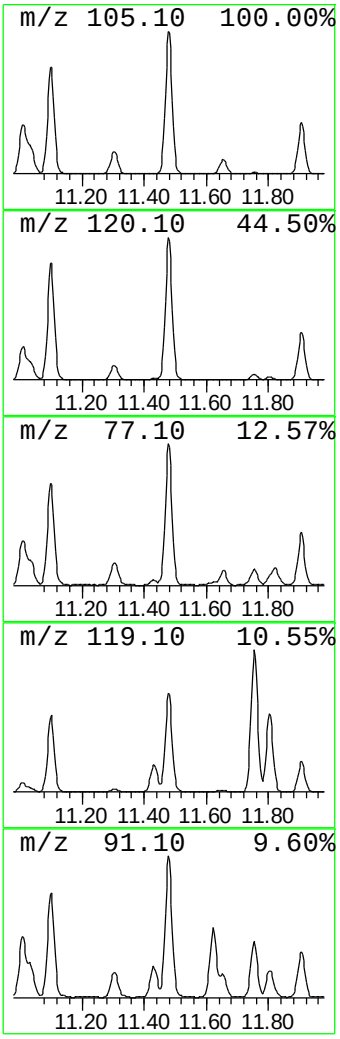
****

Peak Number 42 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	7.47 ug/L	1591040	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

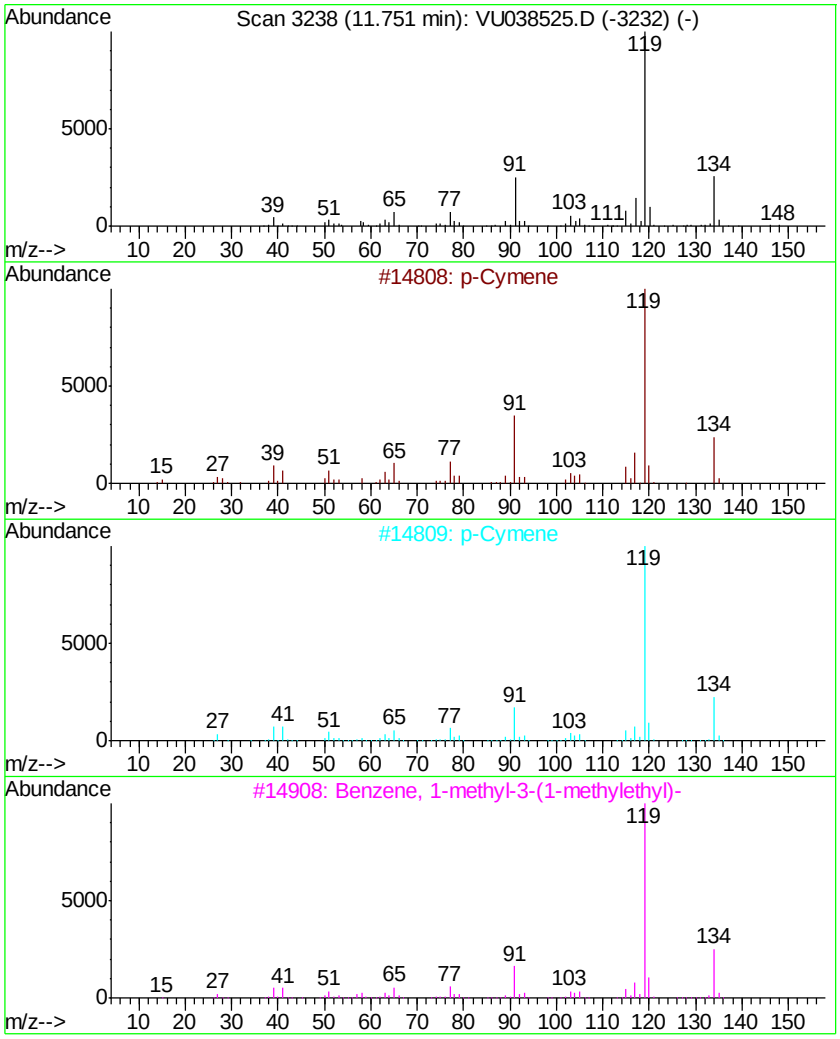
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

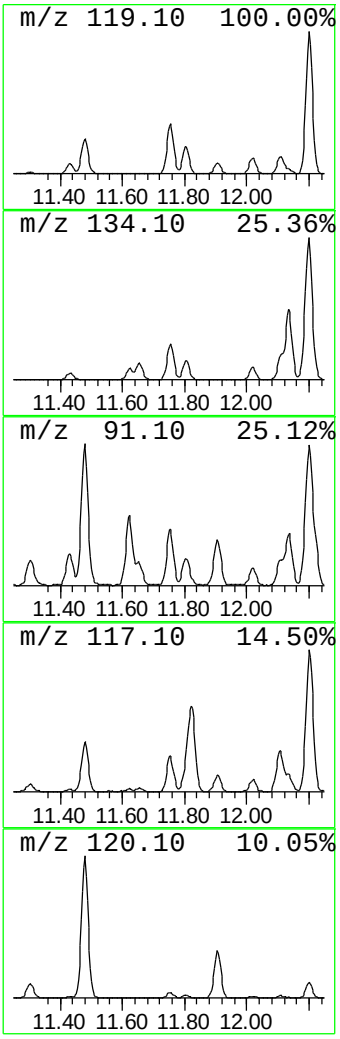
****

Peak Number 45 p-Cymene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	1.16 ug/L	247644	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

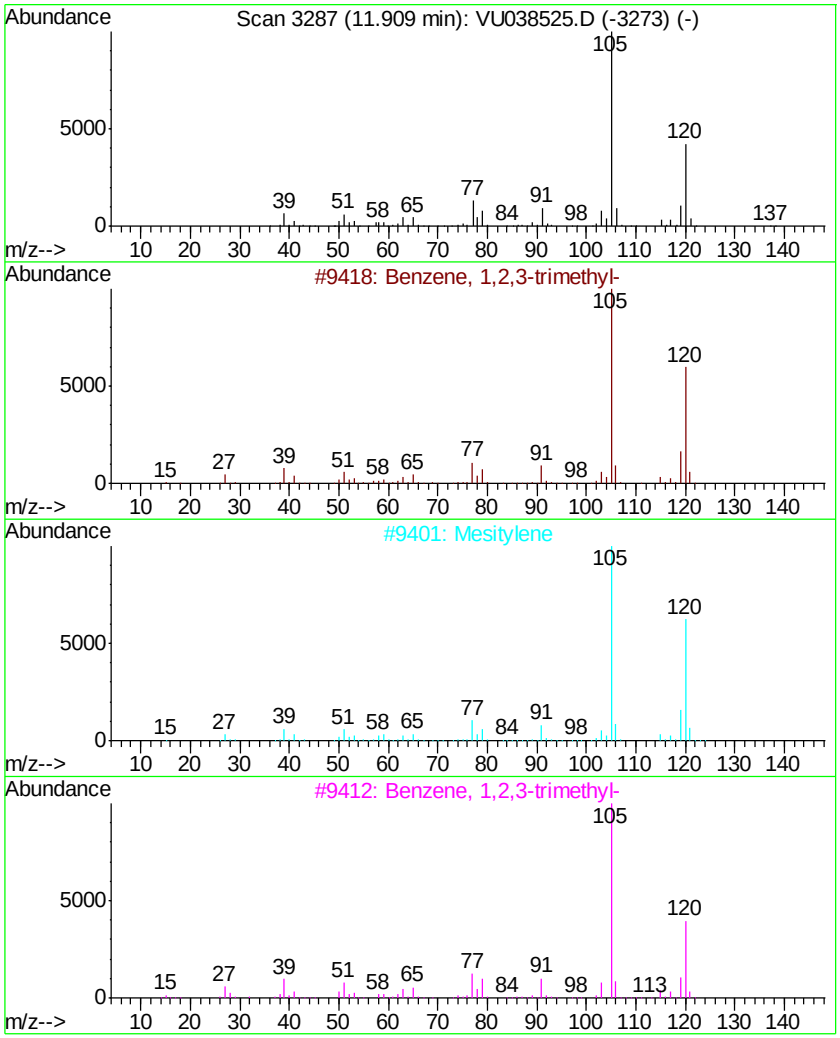
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

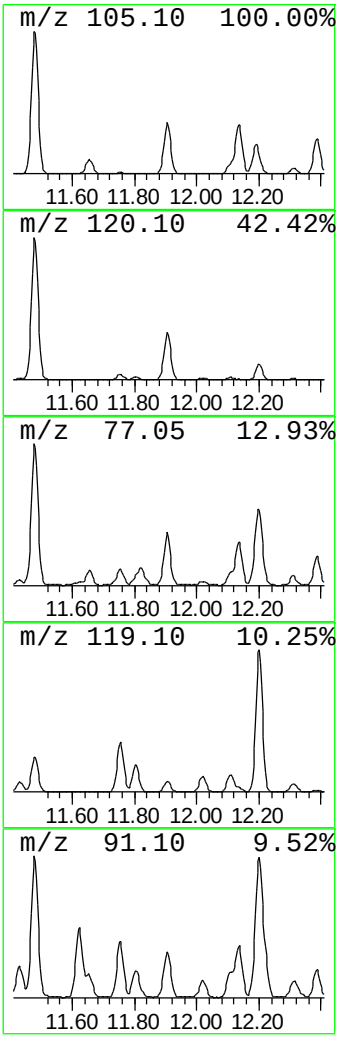
****

Peak Number 46 Mesitylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.54 ug/L	540087	1,4-Dichlorobenzene-d4	11.82

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

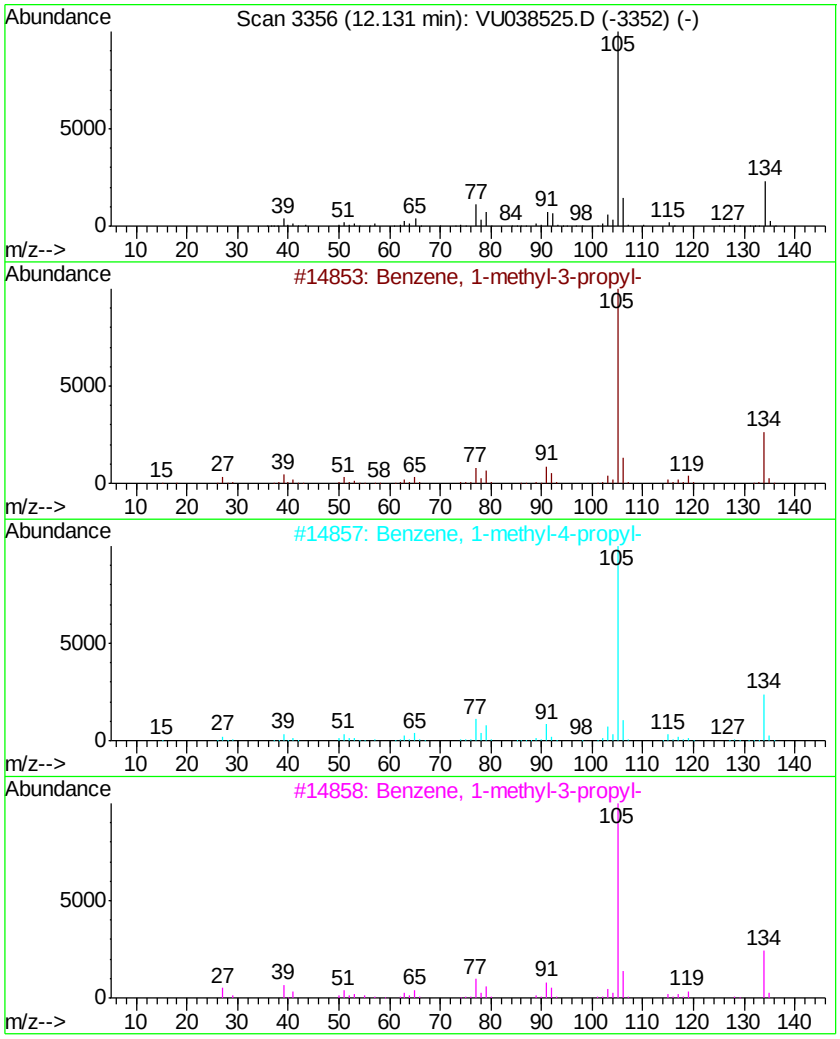
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

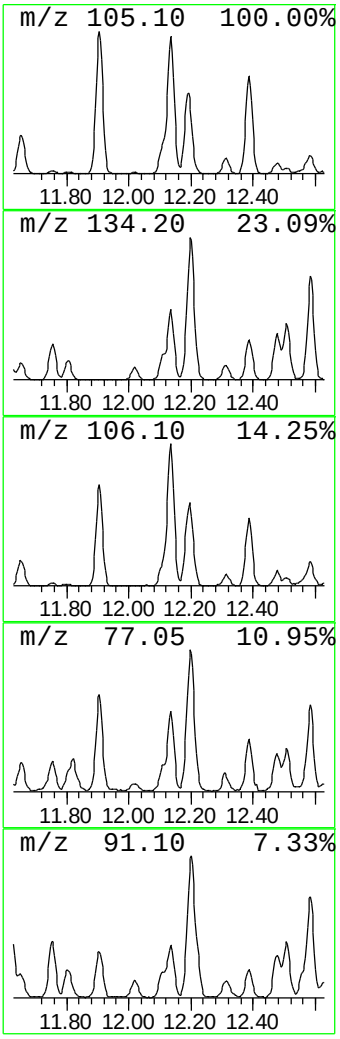
****

Peak Number 48 Benzene, 1-methyl-3-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.06 ug/L	438357	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

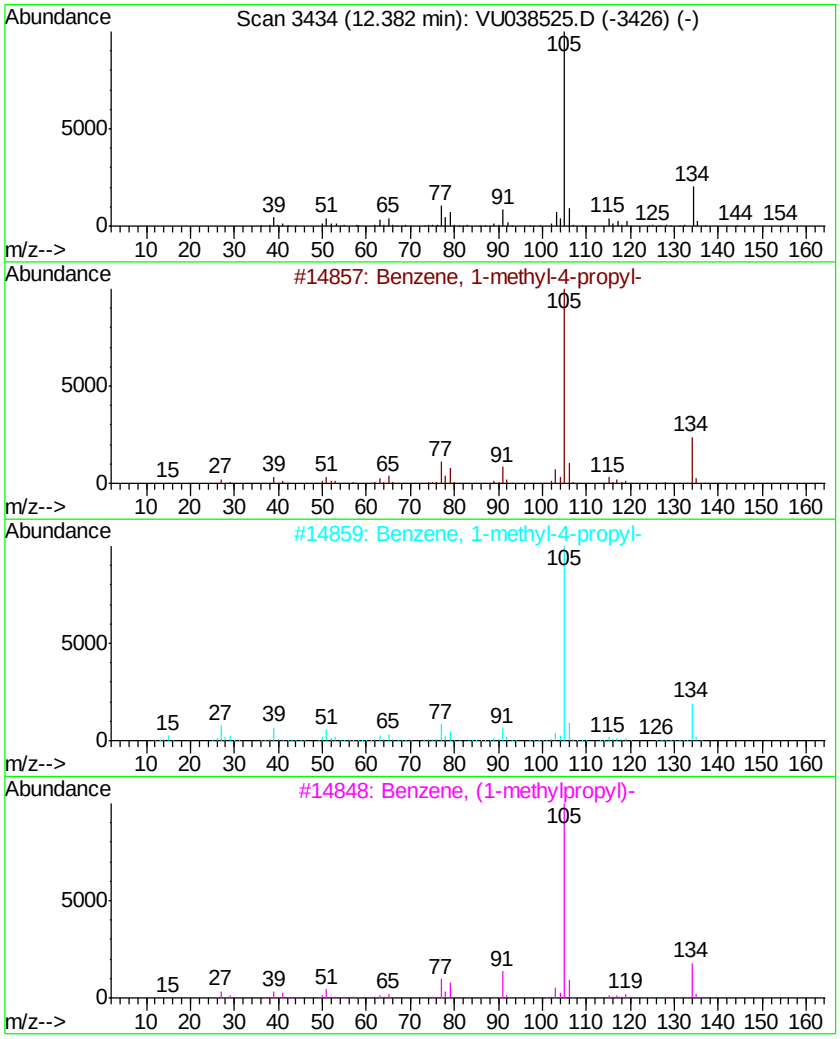
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

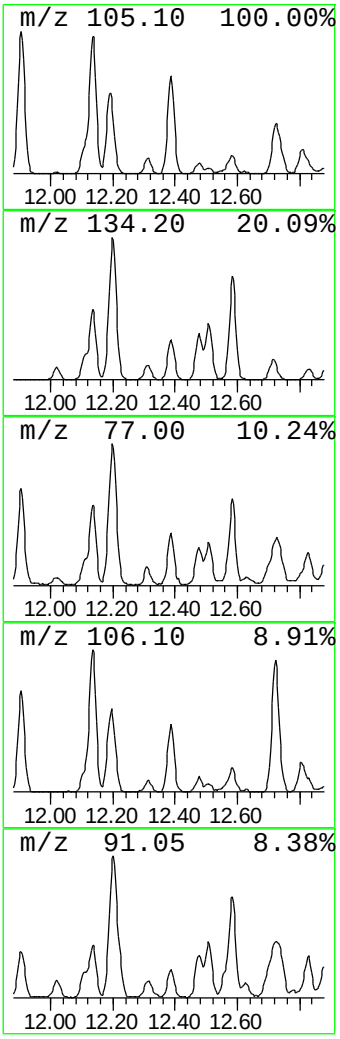
****

Peak Number 50 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	1.52 ug/L	324084	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

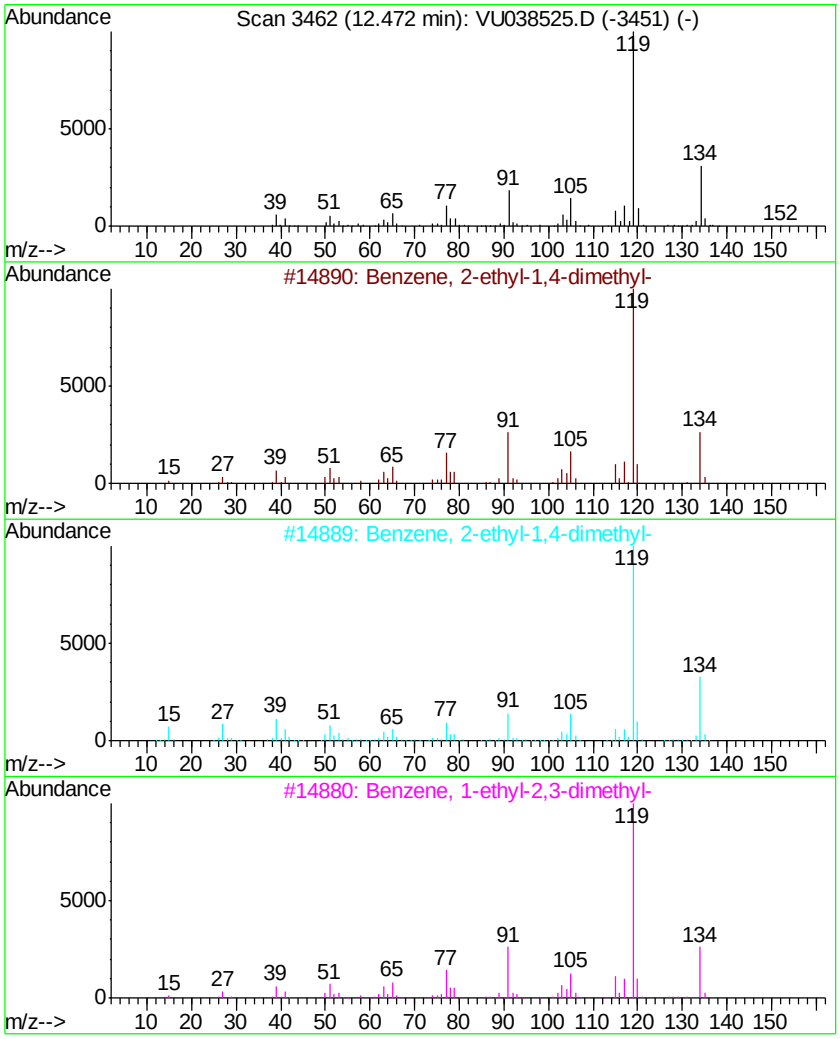
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

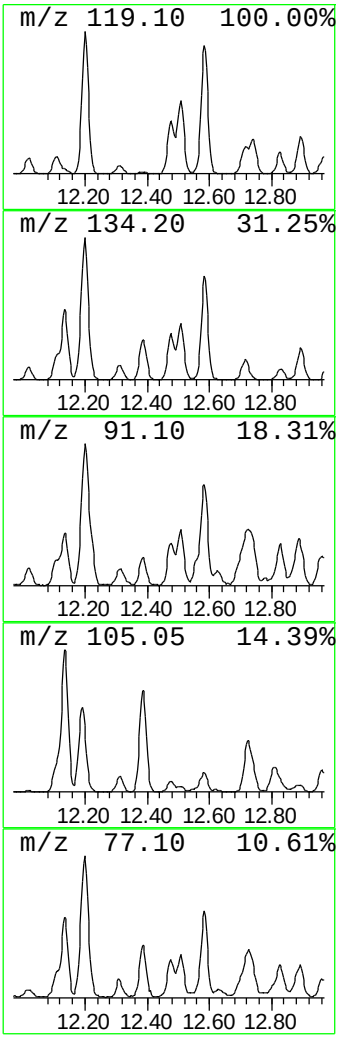
****

Peak Number 51 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	1.35 ug/L	288578	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

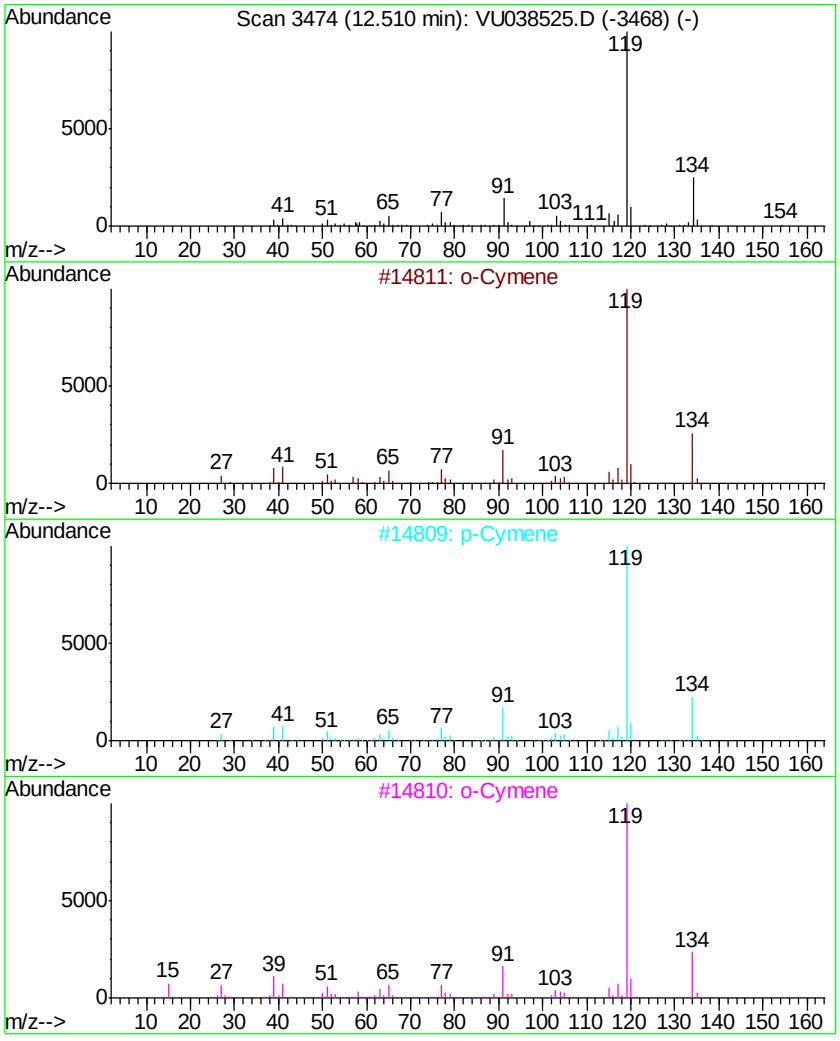
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

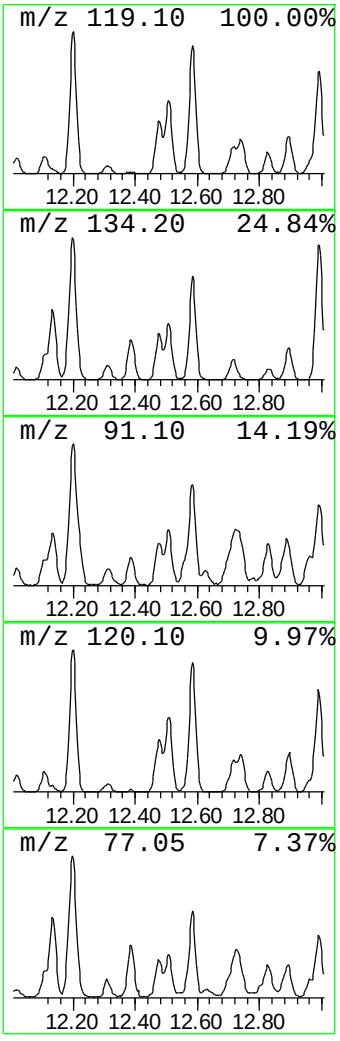
****

Peak Number 52 o-Cymene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	1.38 ug/L	293635	1,4-Dichlorobenzene-d4	11.82

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





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

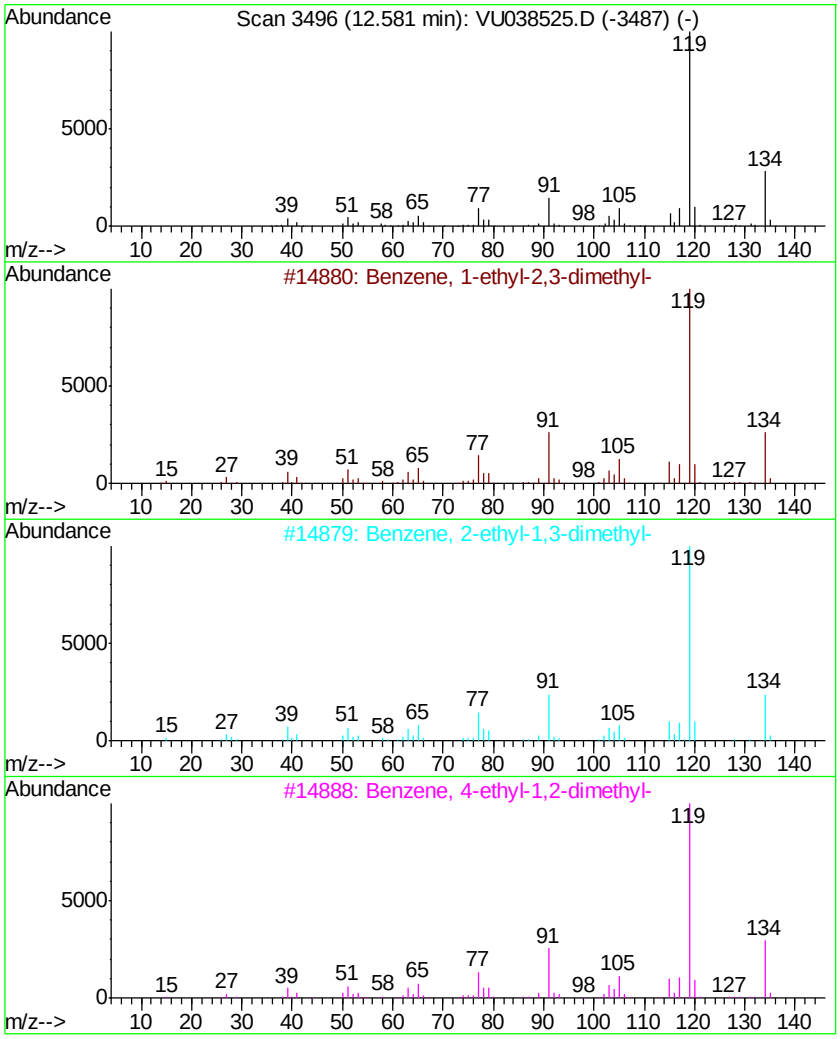
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

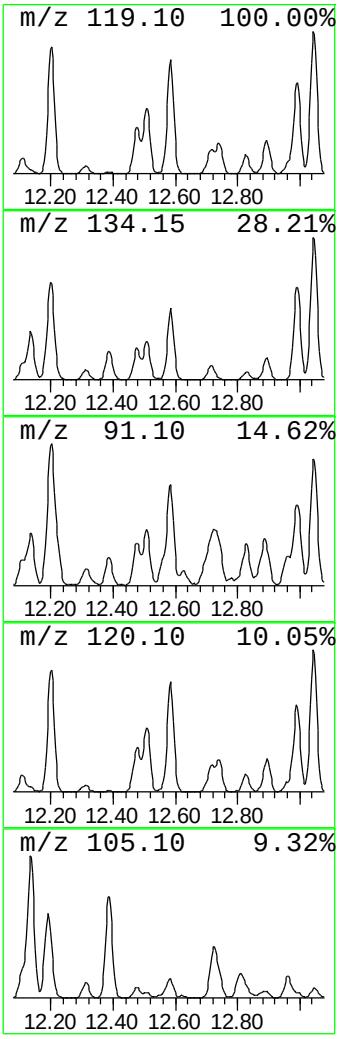
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.73 ug/L	580503	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

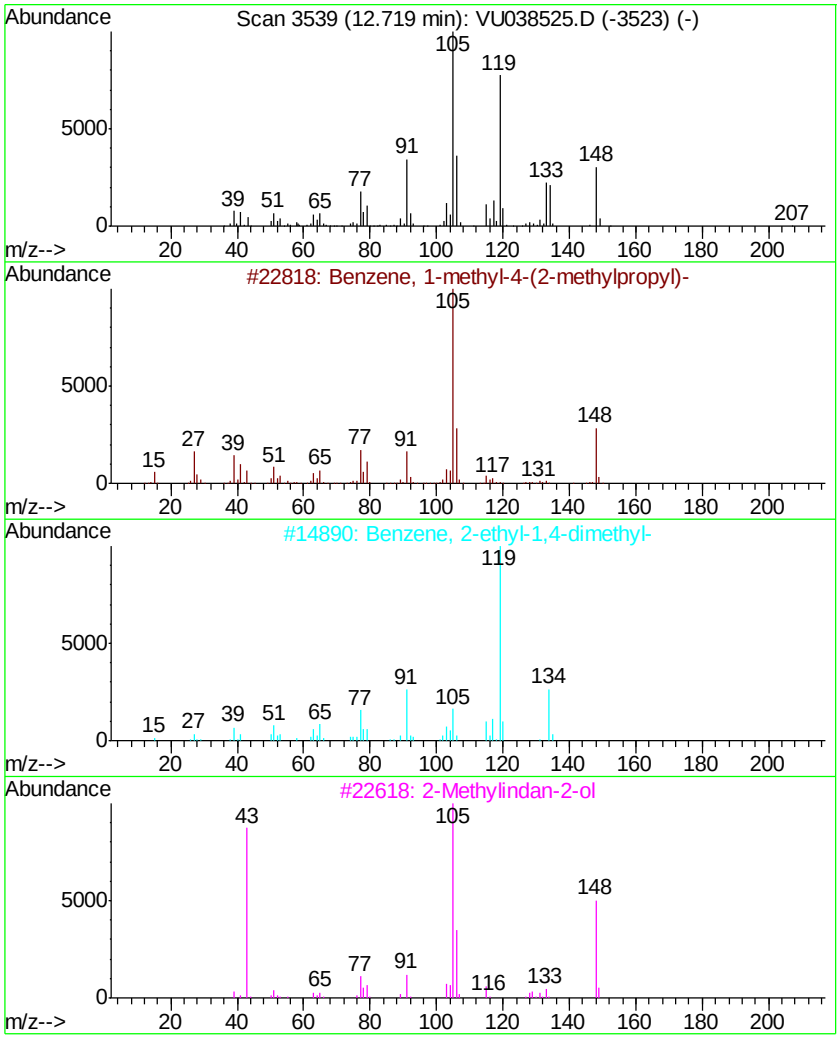
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

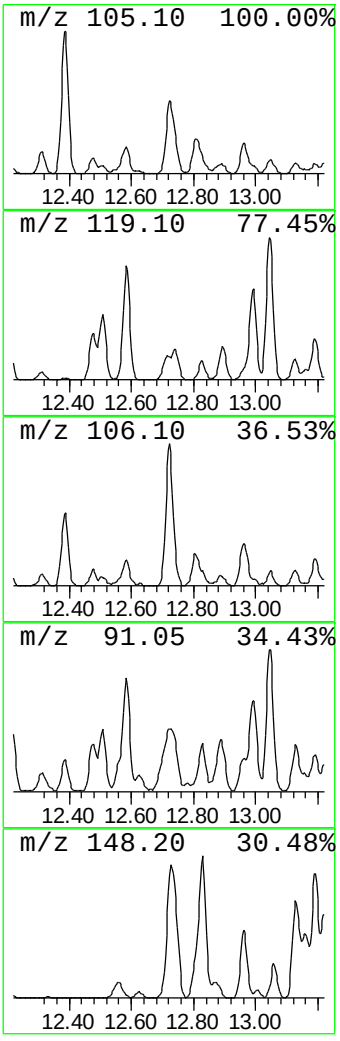
****

Peak Number 54 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.06 ug/L	652803	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
4	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	43
5	p-Cymene	134	C10H14	000099-87-6	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

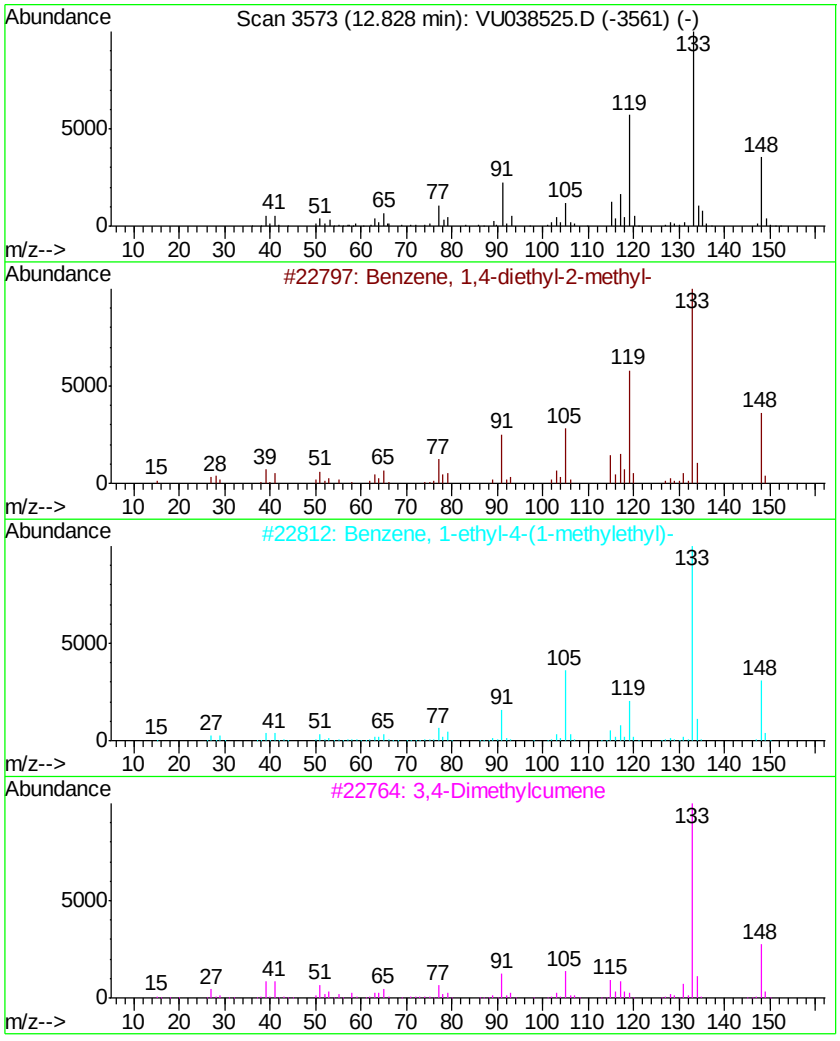
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

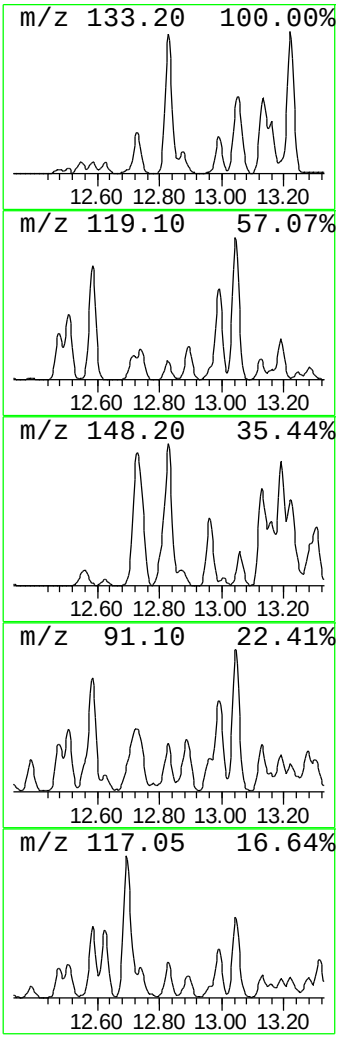
****

Peak Number 55 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	1.52 ug/L	322890	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

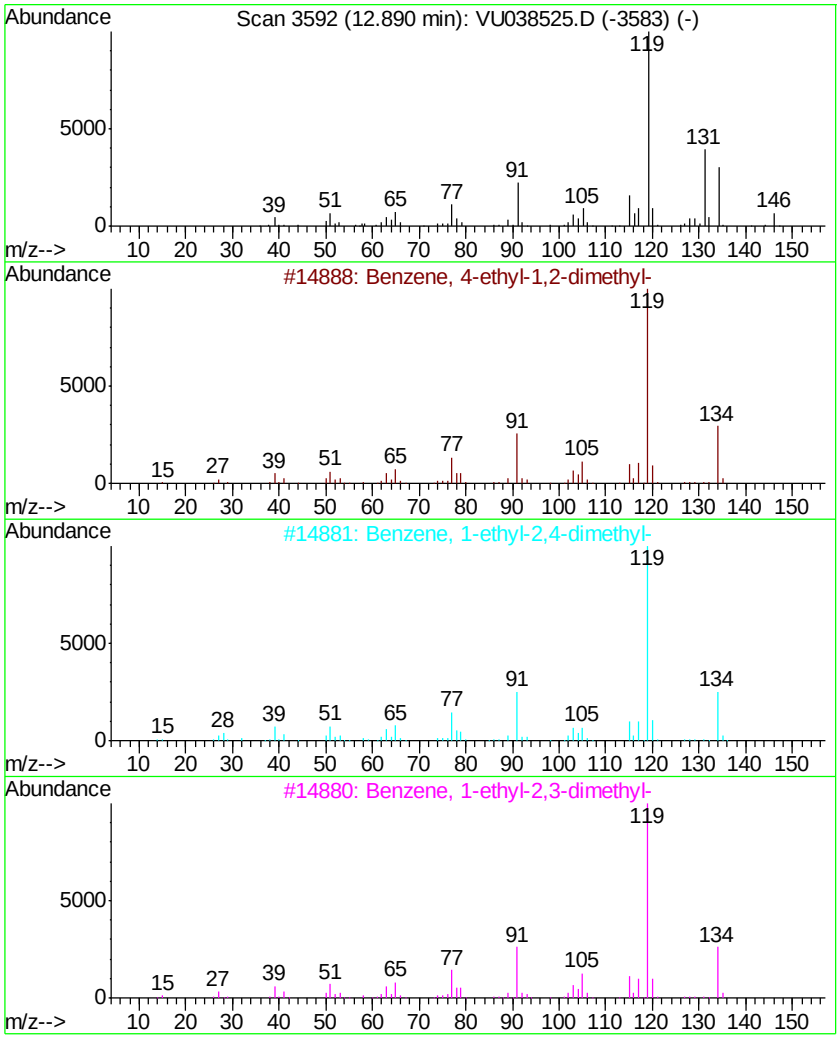
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

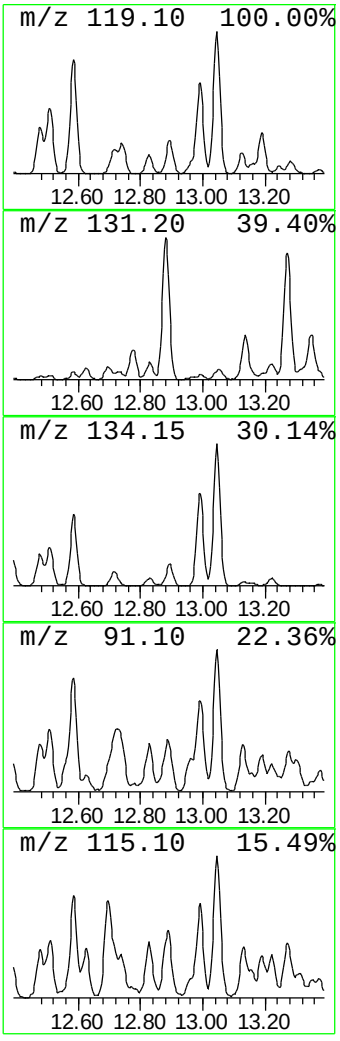
****

Peak Number 56 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	1.53 ug/L	325804	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4	o-Cymene	134	C10H14	000527-84-4	64
5	p-Cymene	134	C10H14	000099-87-6	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

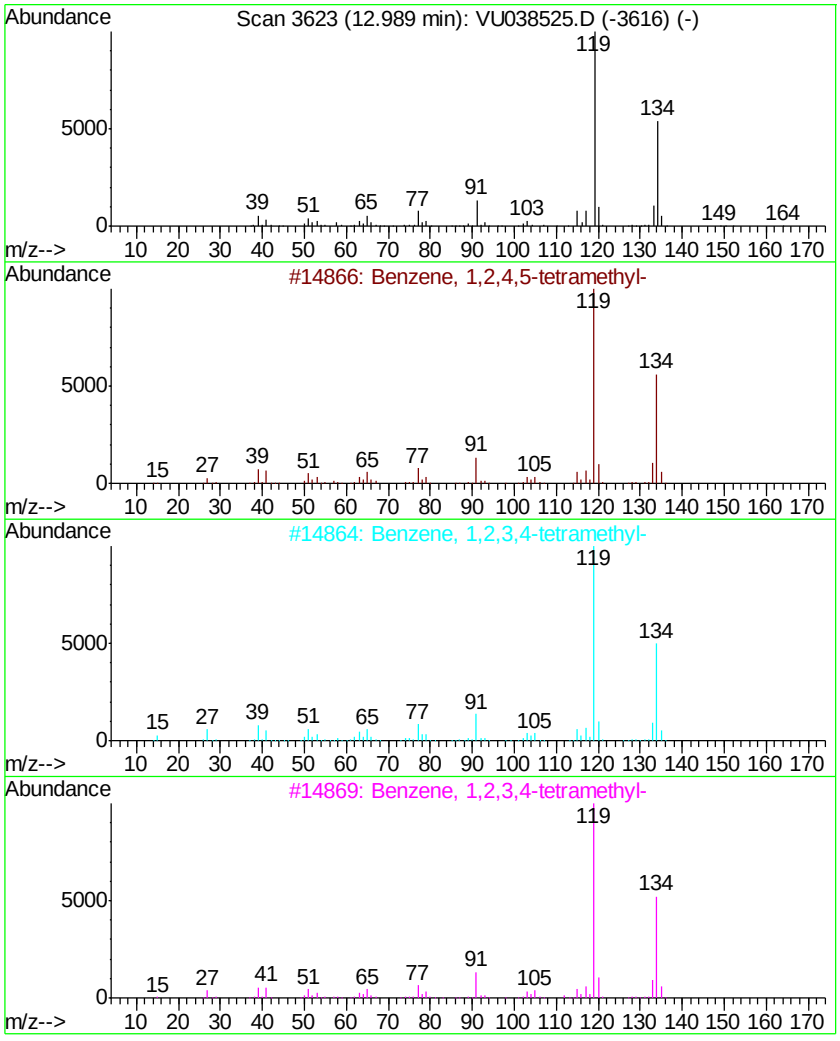
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

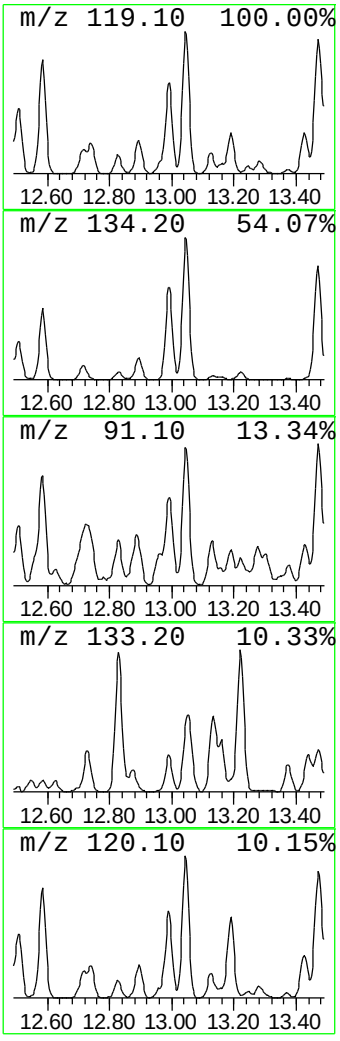
****

Peak Number 57 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.28 ug/L	486085	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

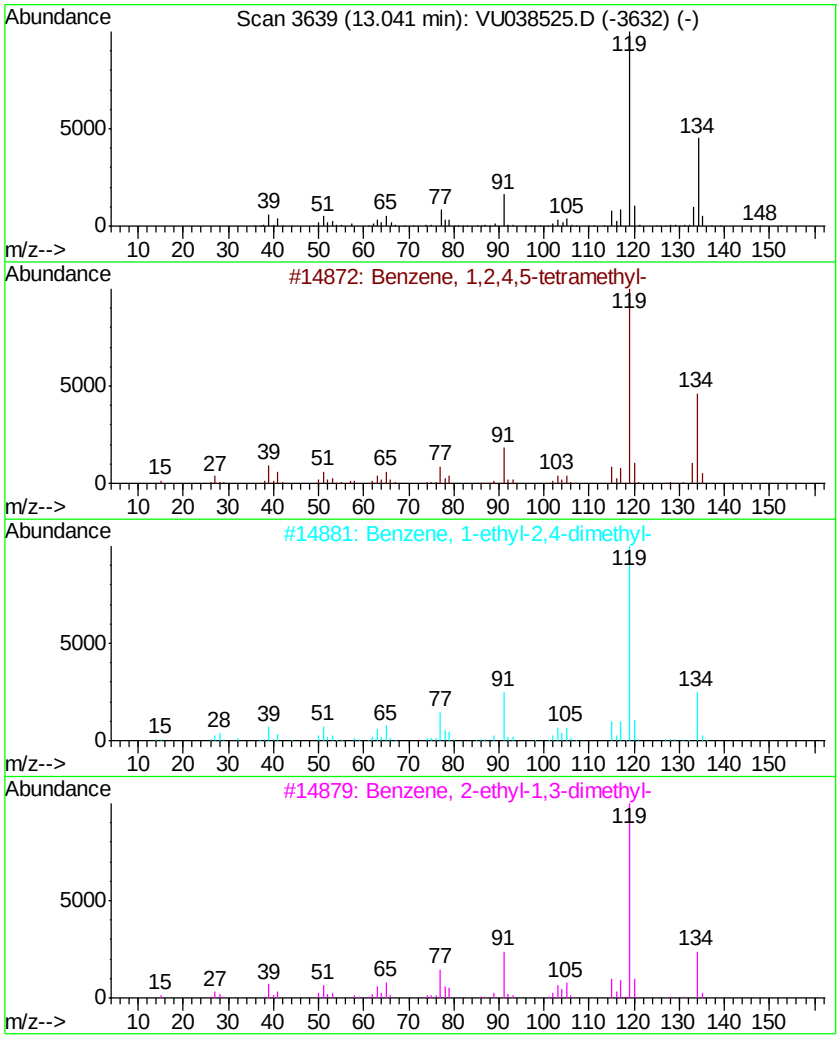
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

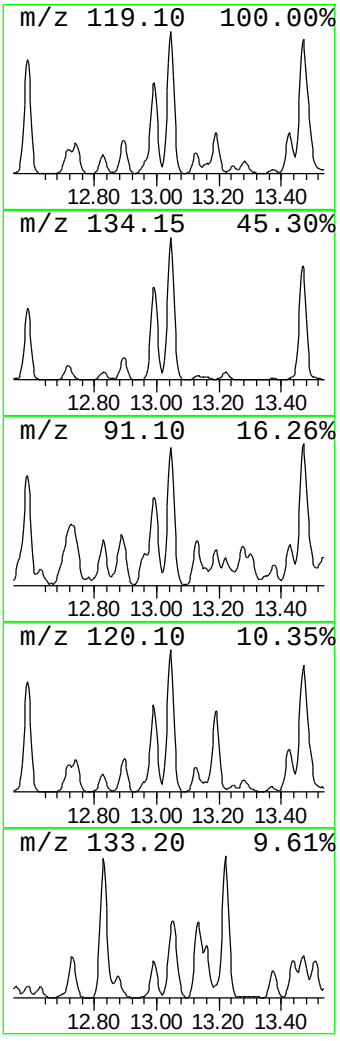
****

Peak Number 58 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.39 ug/L	935386	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

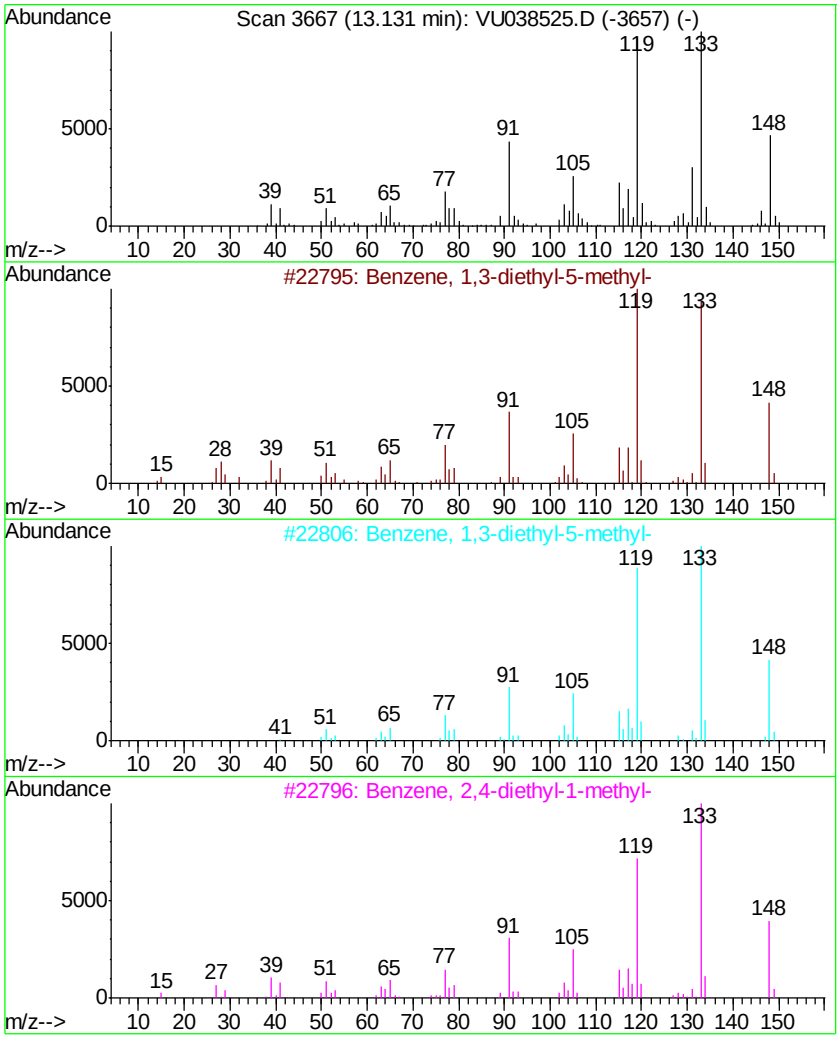
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

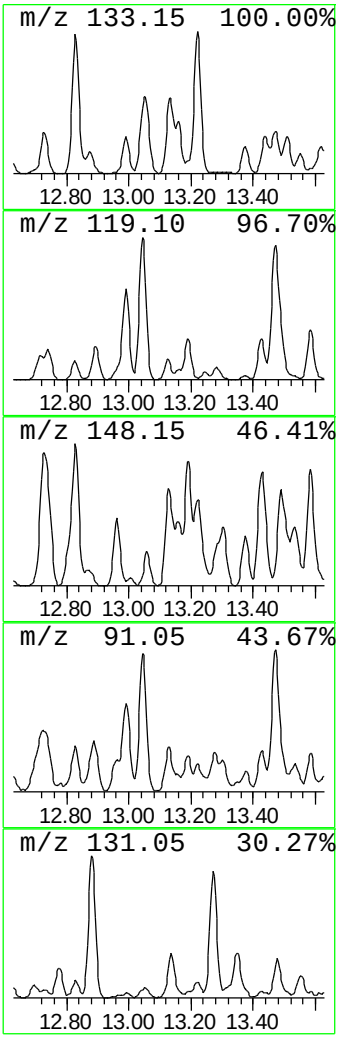
****

Peak Number 59 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	1.23 ug/L	260995	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

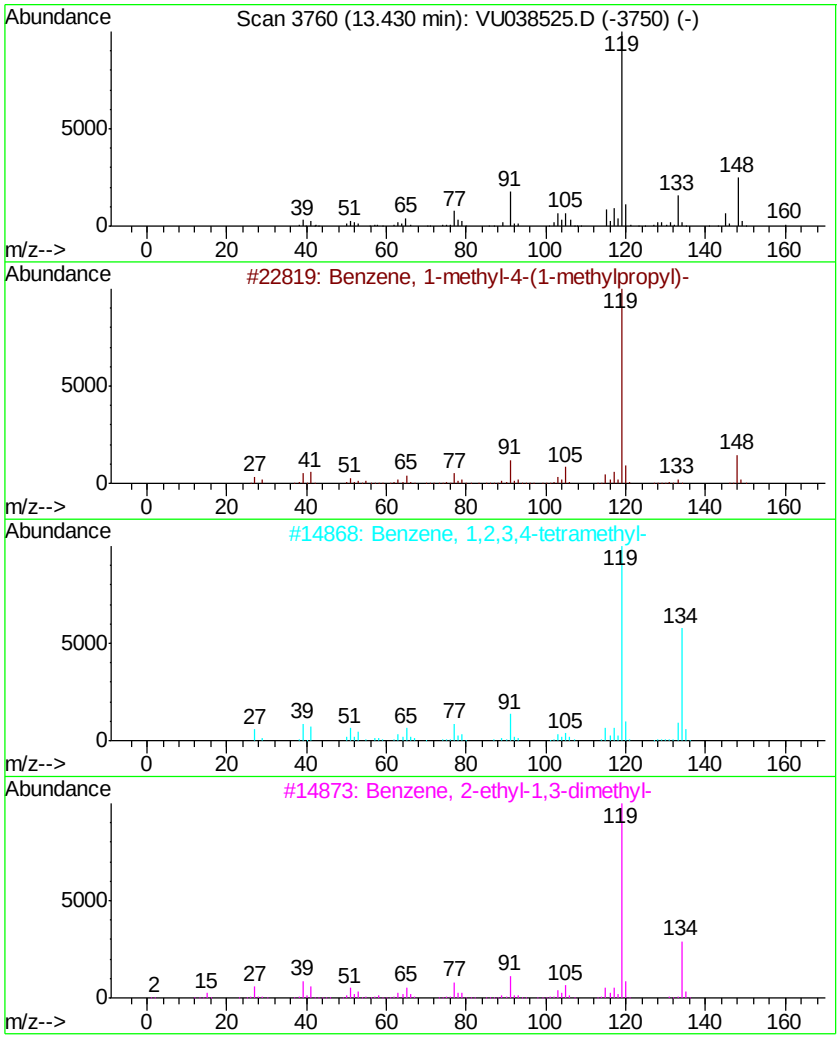
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

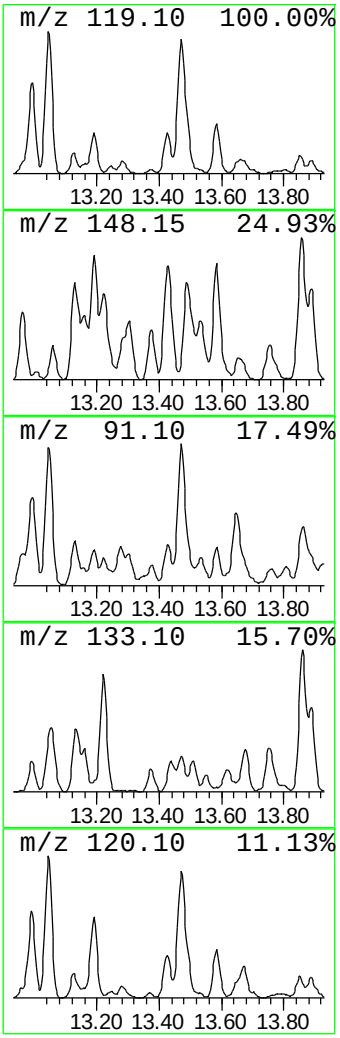
****

Peak Number 61 Benzene, 1-methyl-4-(1-meth... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	1.06 ug/L	226427	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

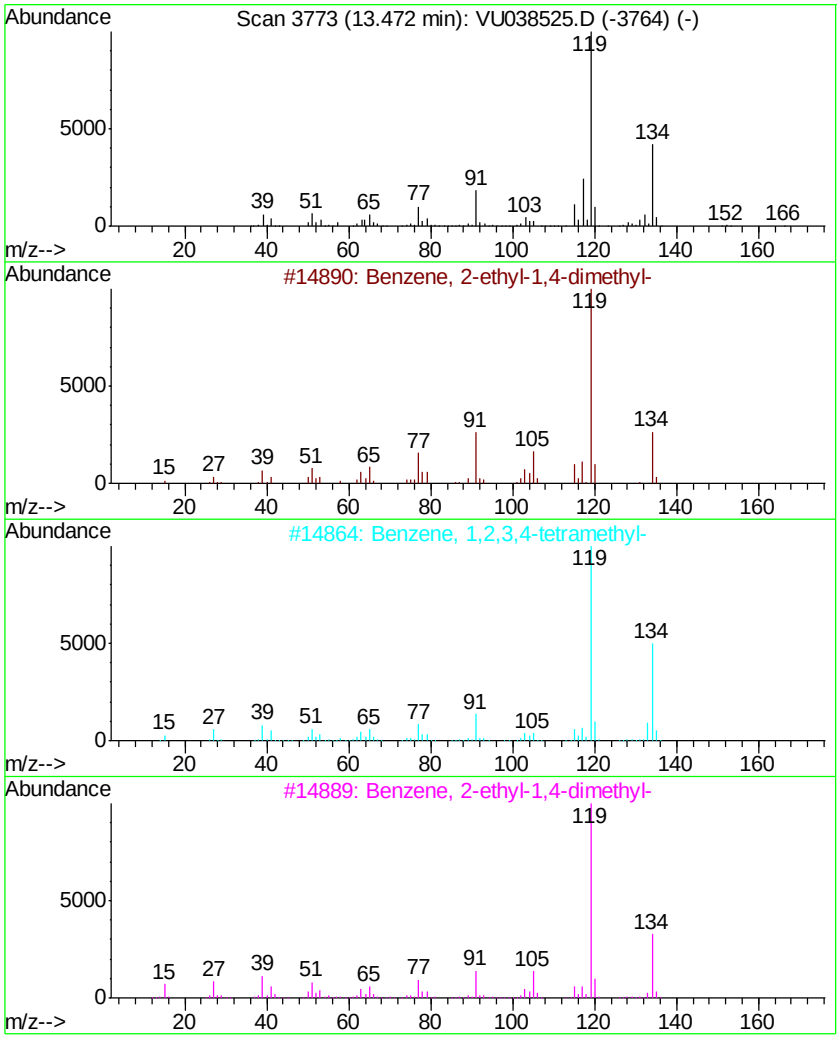
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

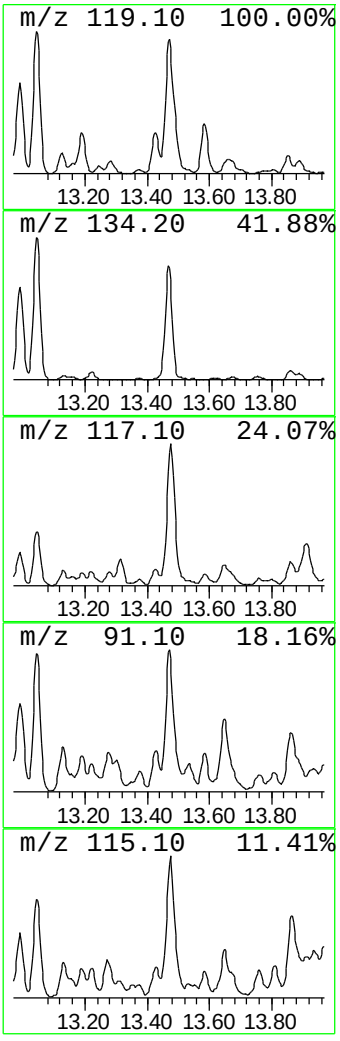
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.43 ug/L	942780	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

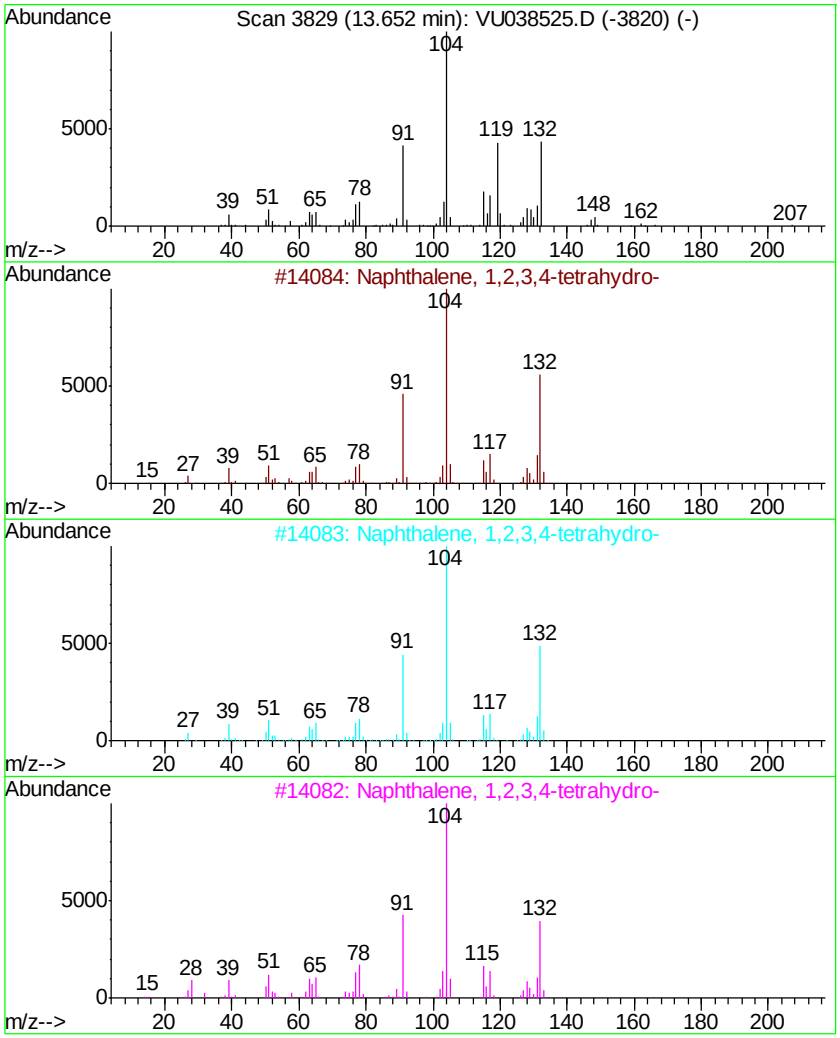
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

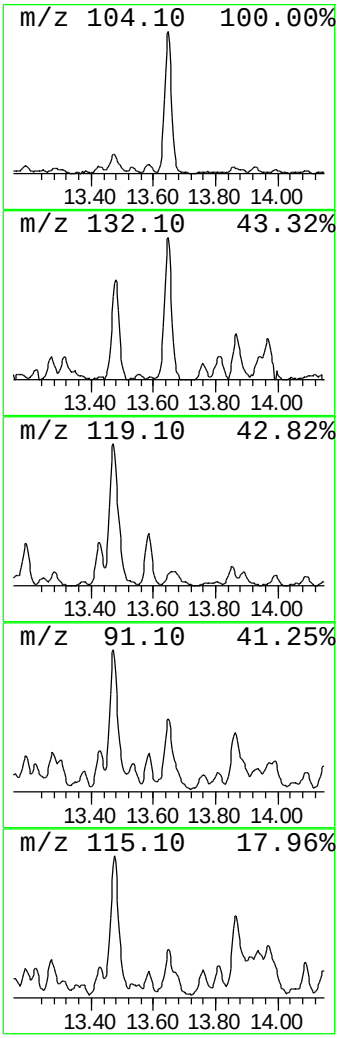
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.25 ug/L	478812	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Indan, epoxide	132	C9H8O	000768-22-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

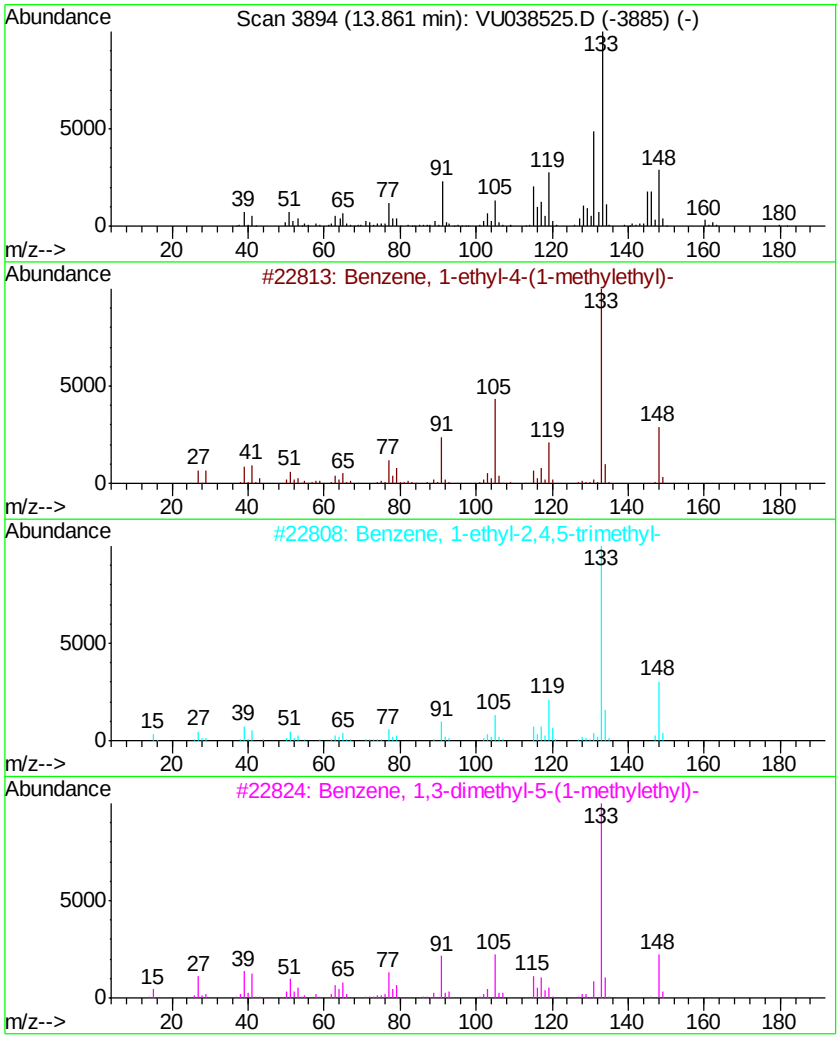
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

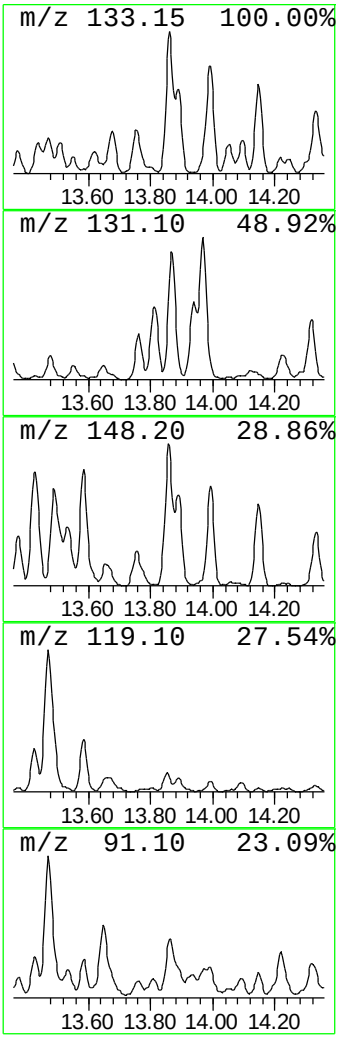
****

Peak Number 66 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.97 ug/L	632305	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	45
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

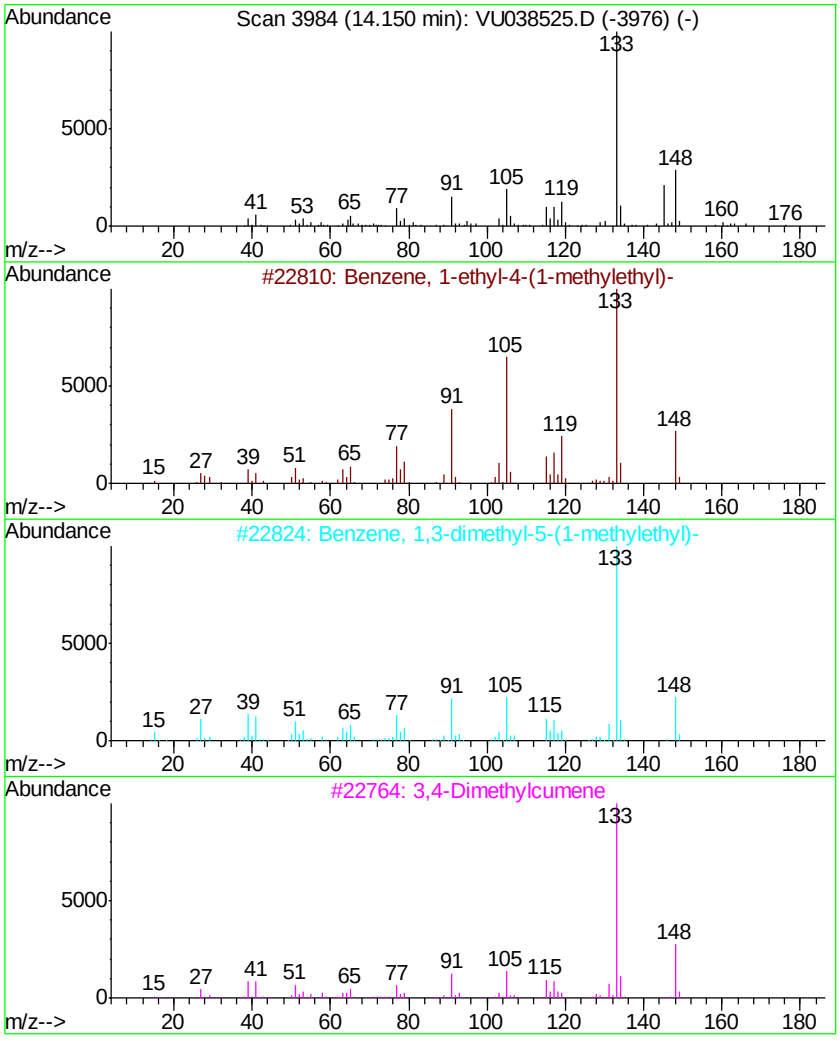
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

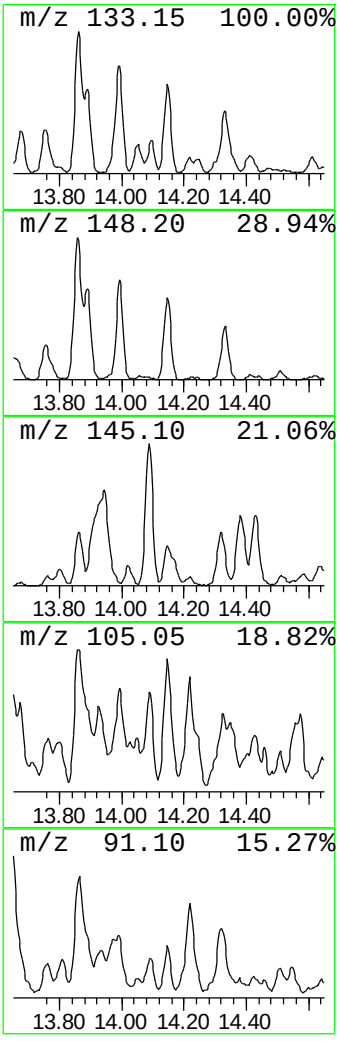
****

Peak Number 68 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	0.86 ug/L	183236	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	76
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	70





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

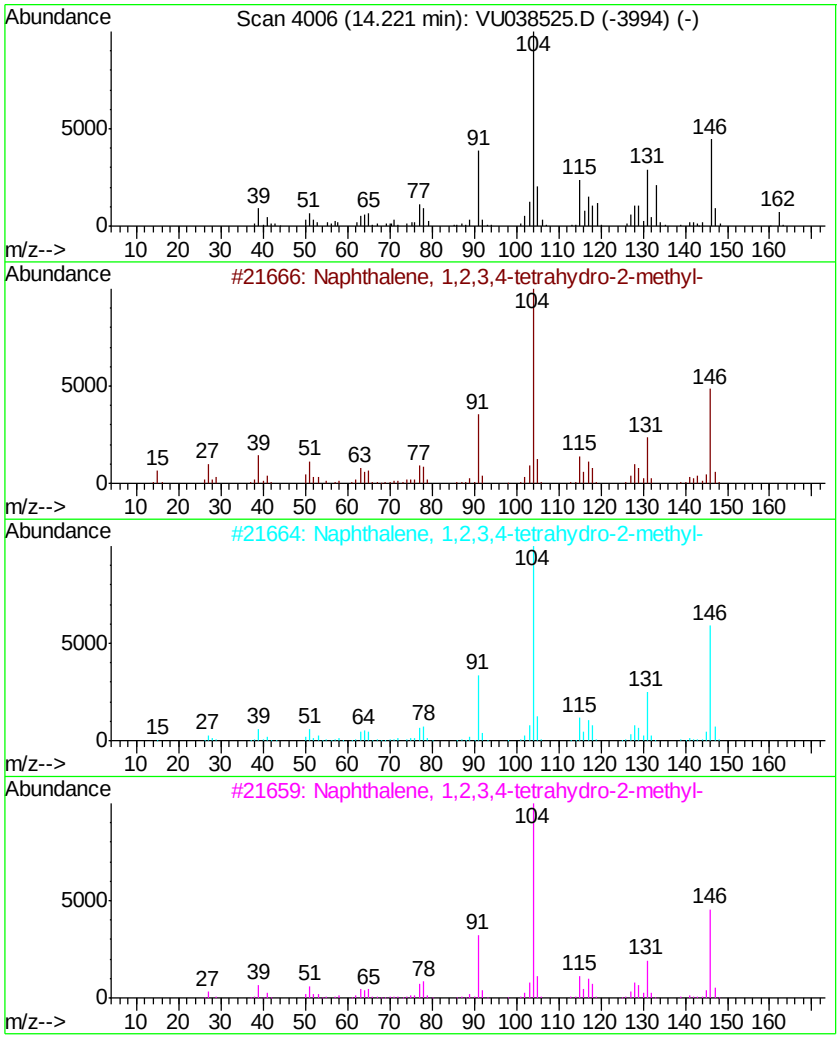
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

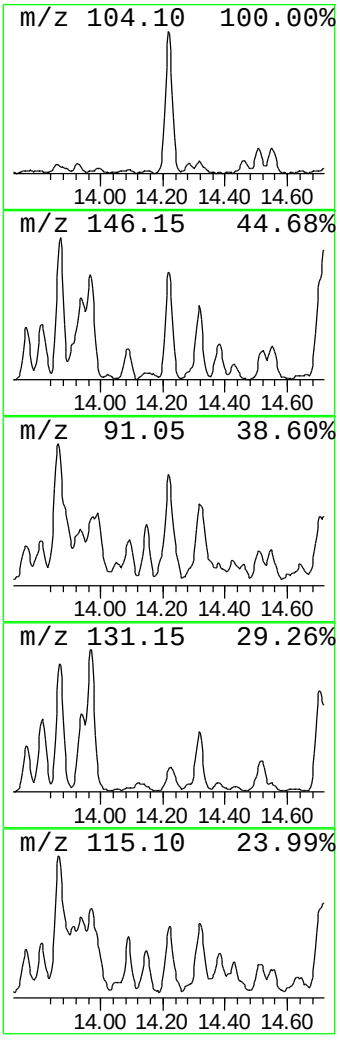
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	1.25 ug/L	266315	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

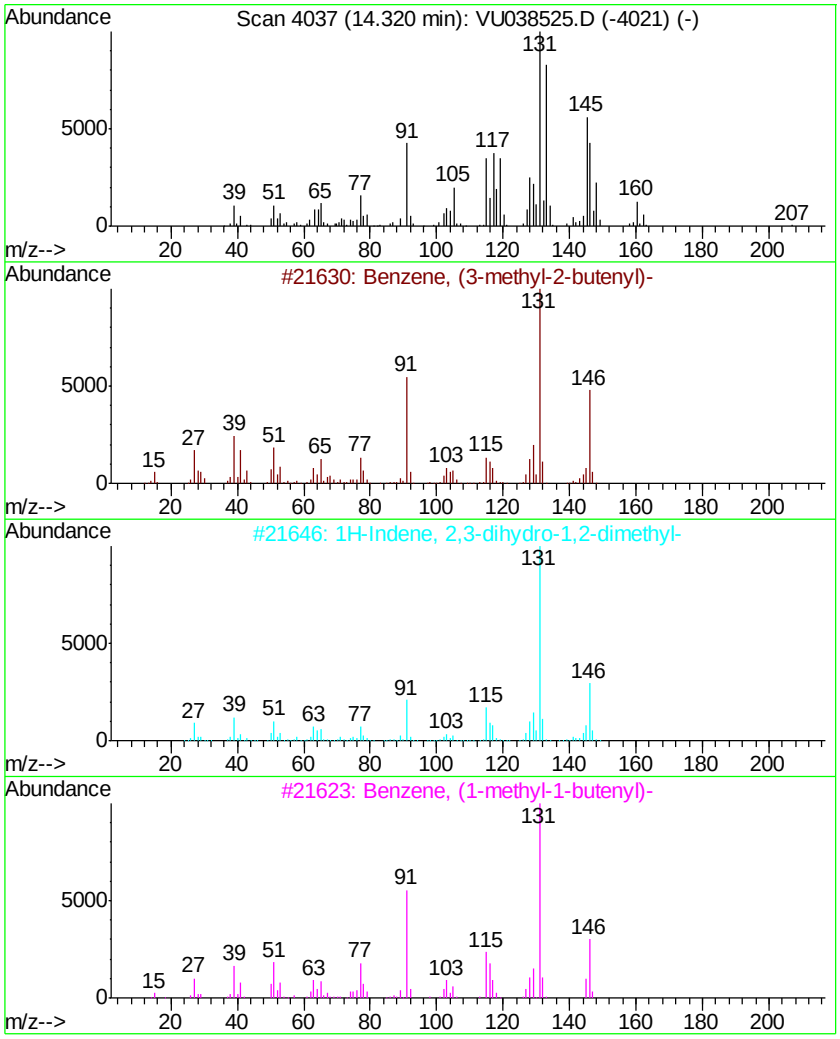
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

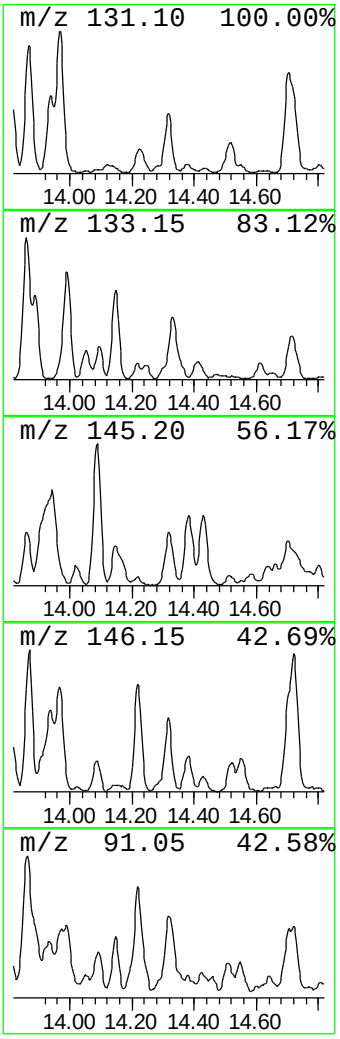
****

Peak Number 70 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	1.62 ug/L	345996	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

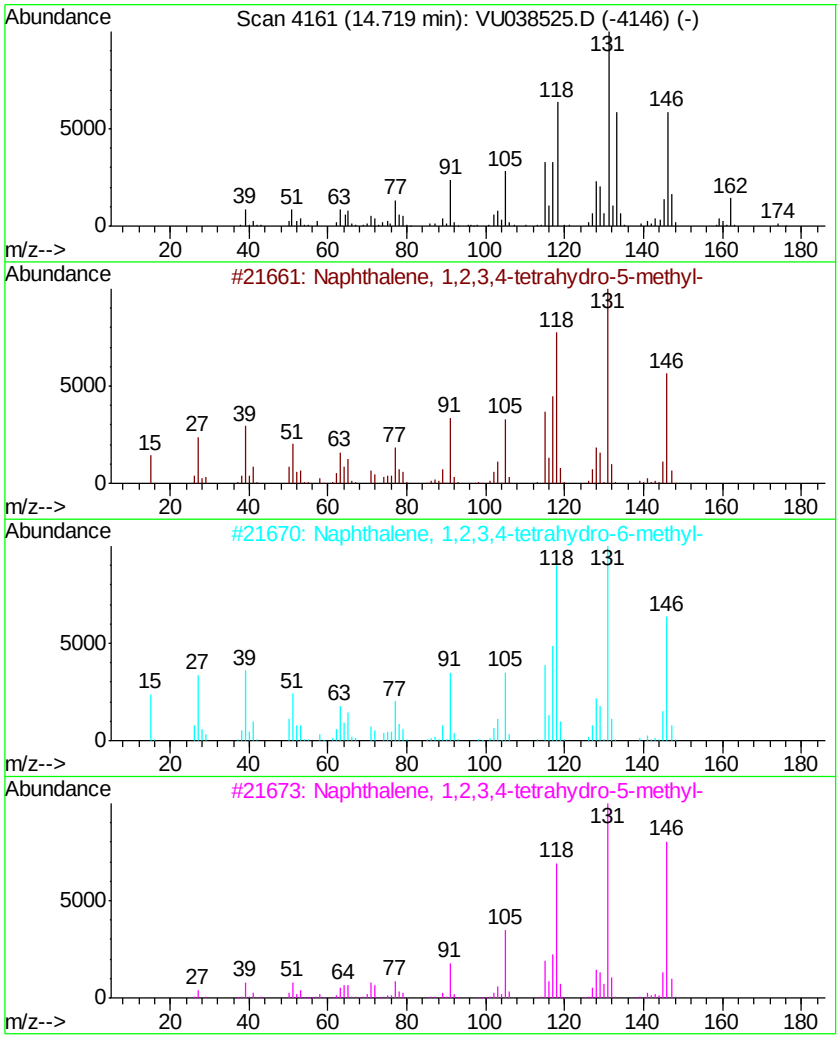
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

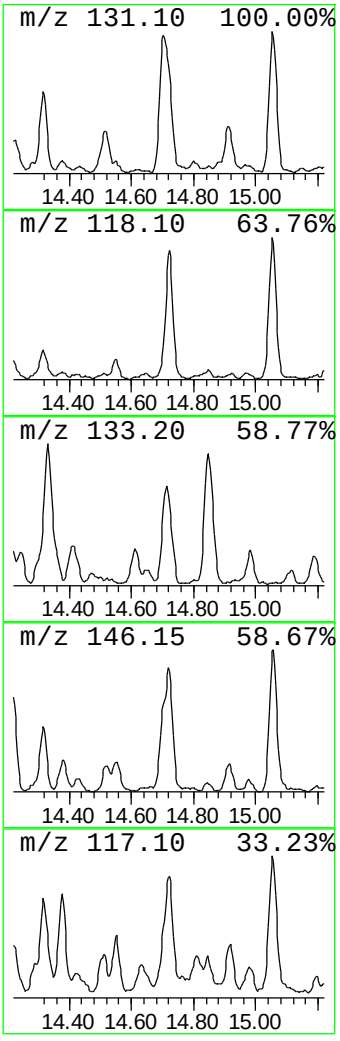
****

Peak Number 71 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.03 ug/L	431850	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

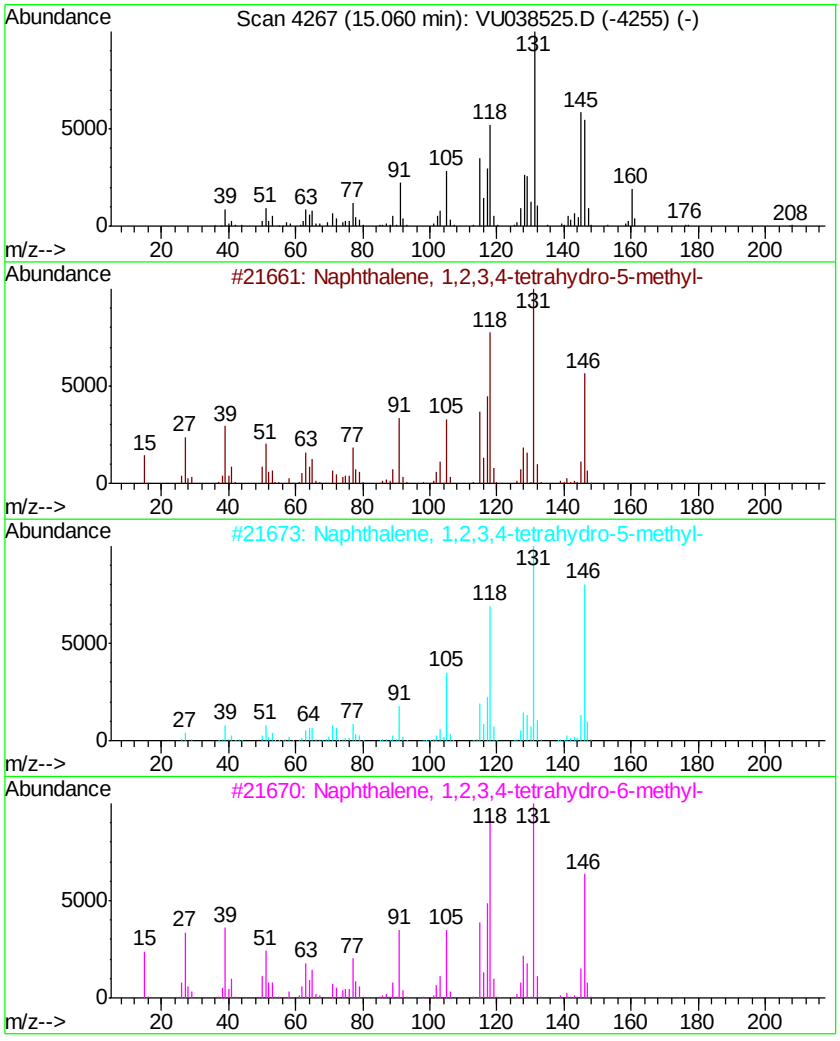
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

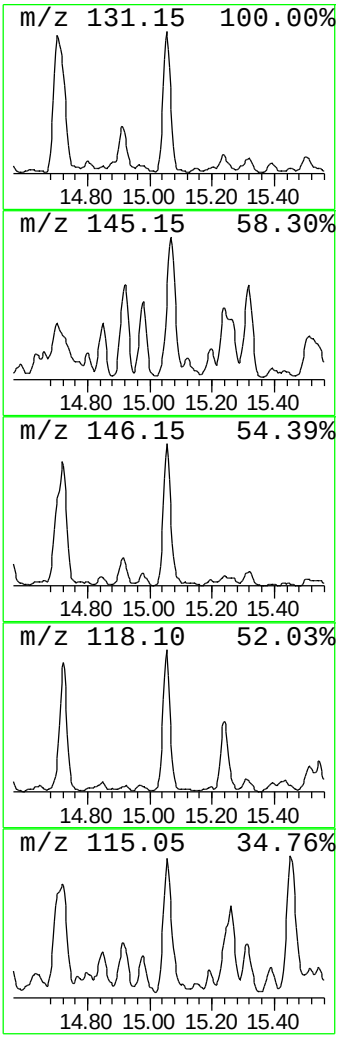
****

Peak Number 75 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	1.89 ug/L	401747	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

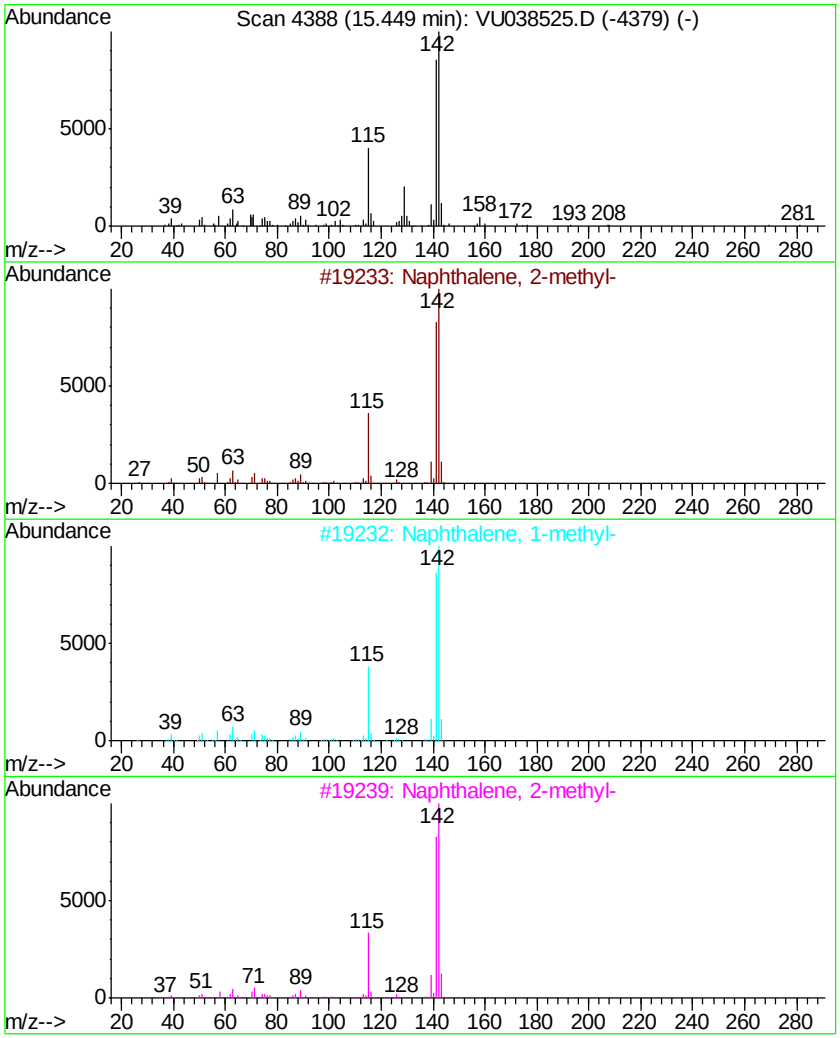
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

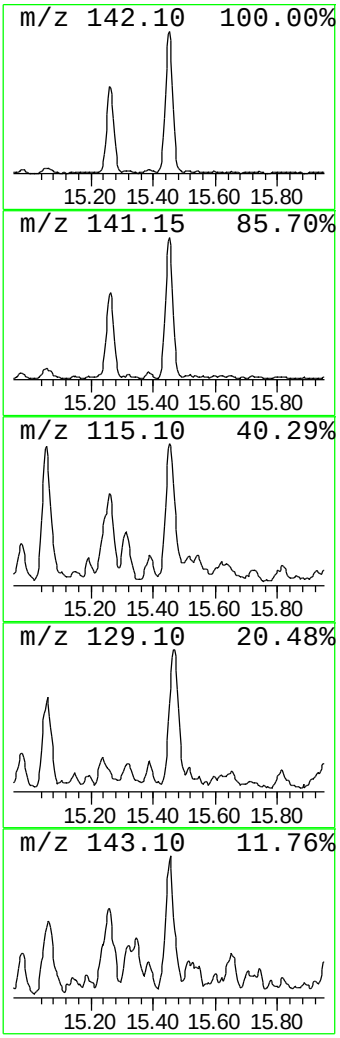
****

Peak Number 77 Naphthalene, 1-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	0.96 ug/L	203910	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060420\
Data File : VU038525.D
Acq On : 03 Jun 2020 19:44
Operator : SY/MD
Sample : L2844-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AF2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.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	1.48	16.0	ug/L	2203920	1	6.28	688851	5.0
(DEL) Alkane: Str...	2.01	1.0	ug/L	141022	1	6.28	688851	5.0
(DEL) Alkane: Str...	3.07	0.9	ug/L	119900	1	6.28	688851	5.0
(DEL) Alkane: Str...	3.39	1.5	ug/L	201731	1	6.28	688851	5.0
(DEL) Alkane: Cyc...	4.57	1.3	ug/L	174443	1	6.28	688851	5.0
(DEL) Alkane: Str...	5.50	2.1	ug/L	287465	1	6.28	688851	5.0
(DEL) Alkane: Str...	5.67	1.6	ug/L	218207	1	6.28	688851	5.0
(DEL) Alkane: Cyc...	5.88	2.4	ug/L	334055	1	6.28	688851	5.0
(DEL) Alkane: Cyc...	5.95	1.7	ug/L	231313	1	6.28	688851	5.0
(DEL) Alkane: Str...	6.02	3.8	ug/L	528118	1	6.28	688851	5.0
(DEL) Alkane: Str...	6.16	1.1	ug/L	157750	1	6.28	688851	5.0
(DEL) Alkane: Cyc...	7.10	3.5	ug/L	486811	1	6.28	688851	5.0
(DEL) Alkane: Cyc...	7.26	3.3	ug/L	459866	1	6.28	688851	5.0
(DEL) Alkane: Str...	7.52	1.1	ug/L	149337	1	6.28	688851	5.0
(DEL) Alkane: Str...	7.79	0.8	ug/L	112640	1	6.28	688851	5.0
(DEL) Alkane: Cyc...	8.06	2.0	ug/L	351914	2	9.44	856476	5.0
(DEL) Alkane: Str...	8.12	0.8	ug/L	140939	2	9.44	856476	5.0
(DEL) Alkane: Str...	8.15	1.6	ug/L	273687	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	8.27	4.8	ug/L	817833	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	8.39	2.1	ug/L	366788	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	8.83	1.3	ug/L	226424	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	8.88	2.8	ug/L	476530	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	8.94	3.1	ug/L	534584	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	9.09	0.7	ug/L	110730	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	9.18	1.5	ug/L	256755	2	9.44	856476	5.0
(DEL) Alkane: Str...	9.23	1.0	ug/L	176145	2	9.44	856476	5.0
(DEL) Alkane: Str...	9.35	1.1	ug/L	193872	2	9.44	856476	5.0
Cyclohexene, 1-et...	9.91	1.1	ug/L	186932	2	9.44	856476	5.0
(DEL) Alkane: Str...	10.05	2.7	ug/L	459653	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	10.26	1.1	ug/L	184469	2	9.44	856476	5.0
Pentalene, octahy...	10.29	2.6	ug/L	445949	2	9.44	856476	5.0
(DEL) Alkane: Cyc...	10.37	3.2	ug/L	545347	2	9.44	856476	5.0
(DEL) Alkane: Str...	10.83	1.1	ug/L	234095	3	11.82	1065120	5.0
Benzene, 1-ethyl-...	11.01	4.0	ug/L	851585	3	11.82	1065120	5.0
Benzene, 1,2,3-tr...	11.10	6.3	ug/L	1348720	3	11.82	1065120	5.0
Benzene, 1-ethyl-...	11.30	1.7	ug/L	366330	3	11.82	1065120	5.0
Benzene, 1,2,4-tr...	11.48	7.5	ug/L	1591040	3	11.82	1065120	5.0
p-Cymene	11.75	1.2	ug/L	247644	3	11.82	1065120	5.0
Mesitylene	11.91	2.5	ug/L	540087	3	11.82	1065120	5.0
Benzene, 1-methyl...	12.13	2.1	ug/L	438357	3	11.82	1065120	5.0
Benzene, 1-methyl...	12.38	1.5	ug/L	324084	3	11.82	1065120	5.0
Benzene, 2-ethyl-...	12.47	1.4	ug/L	288578	3	11.82	1065120	5.0
o-Cymene	12.51	1.4	ug/L	293635	3	11.82	1065120	5.0
Benzene, 1-ethyl-...	12.58	2.7	ug/L	580503	3	11.82	1065120	5.0
unknown-01	12.72	3.1	ug/L	652803	3	11.82	1065120	5.0
Benzene, 1,4-diet...	12.83	1.5	ug/L	322890	3	11.82	1065120	5.0
Benzene, 4-ethyl-...	12.89	1.5	ug/L	325804	3	11.82	1065120	5.0
Benzene, 1,2,4,5-...	12.99	2.3	ug/L	486085	3	11.82	1065120	5.0
Benzene, 1,2,3,4-...	13.04	4.4	ug/L	935386	3	11.82	1065120	5.0

Benzene, 1,3-diet...	13.13	1.2	ug/L	260995	3	11.82	1065120	5.0
Benzene, 1-methyl...	13.43	1.1	ug/L	226427	3	11.82	1065120	5.0
Benzene, 1-ethyl-...	13.47	4.4	ug/L	942780	3	11.82	1065120	5.0
Naphthalene, 1,2,...	13.65	2.3	ug/L	478812	3	11.82	1065120	5.0
unknown-02	13.86	3.0	ug/L	632305	3	11.82	1065120	5.0
Benzene, 1-ethyl-...	14.15	0.9	ug/L	183236	3	11.82	1065120	5.0
Naphthalene, 1,2,...	14.22	1.3	ug/L	266315	3	11.82	1065120	5.0
unknown-03	14.32	1.6	ug/L	345996	3	11.82	1065120	5.0
Naphthalene, 1,2,...	14.72	2.0	ug/L	431850	3	11.82	1065120	5.0
Naphthalene, 1,2,...	15.06	1.9	ug/L	401747	3	11.82	1065120	5.0
Naphthalene, 1-me...	15.45	1.0	ug/L	203910	3	11.82	1065120	5.0

Instrument :
MSVOA_U
ClientSampleId :
C0AF2