LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

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\SOMUTR110419WMA.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	1.617	78	86	95	rBV	138439	156412	1.51%	0.236%
2	1.935	176	185	197	rVB	112647	146980	1.42%	0.221%
3	2.015	198	210	238	rBV	7668977	10338330	100.00%	15.567%
4	2.227	265	276	299	rVB	1487972	2091232	20.23%	3.149%
5	2.623	380	399	419	rBV2	721927	1680004	16.25%	2.530%
6	3.006	504	518	525	rBV4	42124	107437	1.04%	0.162%
7	3.070	525	538	544	rBV	918454	1865076	18.04%	2.808%
8	3.112	546	551	563	rVB	933567	1584658	15.33%	2.386%
9	3.395	621	639	665	rBV	1110841	2467630	23.87%	3.716%
10	3.613	691	707	724	rVB2	75660	183961	1.78%	0.277%
11	3.735	728	745	768	rBV2	181799	410070	3.97%	0.617%
12	3.874	772	788	800	rBV3	61252	147615	1.43%	0.222%
13	3.957	800	814	823	rVV2	96293	232278	2.25%	0.350%
14	4.022	824	834	852	rVB3	125455	303325	2.93%	0.457%
15	4.134	853	869	884	rBV2	88596	216913	2.10%	0.327%
16	4.237	885	901	916	rBV2	58704	141018	1.36%	0.212%
17	4.378	921	945	959	rVV3	126211	360673	3.49%	0.543%
18	4.475	961	975	989	rVV2	166463	421977	4.08%	0.635%
19	4.575	989	1006	1022	rVV	978274	2344717	22.68%	3.531%
20	4.697	1023	1044	1082	rVB	185973	576294	5.57%	0.868%
21	5.115	1159	1174	1186	rBV	178573	449206	4.35%	0.676%
22	5.430	1253	1272	1283	rBV3	464375	1140795	11.03%	1.718%
23	5.501	1283	1294	1318	rVB	429303	1033136	9.99%	1.556%
24	5.629	1322	1334	1342	rBV3	91638	198103	1.92%	0.298%
25	5.677	1344	1349	1360	rVB4	59196	103561	1.00%	0.156%
26	5.767	1360	1377	1390	rBV2	360652	896004	8.67%	1.349%
27	5.886	1403	1414	1420	rBV2	187994	368288	3.56%	0.555%
28	5.941	1421	1431	1447	rVV2	473857	1261219	12.20%	1.899%
29	6.025	1447	1457	1470	rVB3	112599	255693	2.47%	0.385%
30	6.292	1527	1540	1547	rBV	263088	515907	4.99%	0.777%
31	6.603	1620	1637	1656	rBV4	70811	186539	1.80%	0.281%
32	6.732	1664	1677	1684	rBV	222872	443167	4.29%	0.667%
33	7.288	1837	1850	1865	rVB	198247	404511	3.91%	0.609%
34	7.417	1870	1890	1930	rBV6	237461	667202	6.45%	1.005%

LSC Area Percent Report

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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

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\SOMUTR110419WMA.M
Title : TRACE VOA SOM01.0

35	7.603	1932	1948	1960	rBV3	112796	243560	2.36%	0.367%
36	7.793	1996	2007	2020	rVB5	64767	121865	1.18%	0.184%
37	7.931	2040	2050	2064	rVB	413773	703871	6.81%	1.060%
38	8.214	2124	2138	2149	rVB2	59453	118428	1.15%	0.178%
39	8.439	2201	2208	2225	rVB	73600	131117	1.27%	0.197%
40	8.681	2271	2283	2319	rBV	356319	1048280	10.14%	1.578%
41	9.449	2507	2522	2543	rBV	374612	682454	6.60%	1.028%
42	9.600	2558	2569	2585	rVB	315858	513897	4.97%	0.774%
43	9.722	2594	2607	2625	rBV	721346	1255644	12.15%	1.891%
44	10.127	2723	2733	2746	rBV	73741	117553	1.14%	0.177%
45	10.510	2841	2852	2872	rBV	188135	308599	2.98%	0.465%
46	10.787	2926	2938	2961	rBV	194651	333901	3.23%	0.503%
47	10.931	2966	2983	3000	rBV	812448	1357983	13.14%	2.045%
48	11.025	3000	3012	3030	rVV	2041260	4670443	45.18%	7.033%
49	11.111	3030	3039	3064	rVB	884501	1451706	14.04%	2.186%
50	11.317	3089	3103	3126	rBV	999648	1630625	15.77%	2.455%
51	11.494	3139	3158	3177	rBV	4517292	7138807	69.05%	10.749%
52	11.635	3190	3202	3207	rBV	89646	148148	1.43%	0.223%
53	11.668	3207	3212	3230	rVB	104354	161789	1.56%	0.244%
54	11.838	3252	3265	3279	rVV	412418	789617	7.64%	1.189%
55	11.918	3279	3290	3317	rVB	836781	1346984	13.03%	2.028%
56	12.121	3339	3353	3370	rBV2	738174	1479950	14.32%	2.228%
57	12.214	3370	3382	3401	rVB7	775061	1569093	15.18%	2.363%
58	12.401	3429	3440	3455	rVB	147438	252462	2.44%	0.380%
59	12.487	3455	3467	3472	rBV	267643	418869	4.05%	0.631%
60	12.520	3473	3477	3489	rVB	200534	272718	2.64%	0.411%
61	12.594	3489	3500	3508	rBV	384762	604333	5.85%	0.910%
62	12.635	3508	3513	3524	rVB	102673	155527	1.50%	0.234%
63	12.706	3524	3535	3553	rBV2	311239	563730	5.45%	0.849%
64	12.899	3581	3595	3608	rVB2	79638	143804	1.39%	0.217%
65	12.996	3608	3625	3633	rBV	455259	717565	6.94%	1.080%
66	13.047	3633	3641	3656	rVB	423104	665751	6.44%	1.002%
67	13.317	3716	3725	3739	rVB	212429	331994	3.21%	0.500%
68	13.478	3764	3775	3787	rVB2	520509	856065	8.28%	1.289%
69	13.860	3885	3894	3905	rVV4	103451	181362	1.75%	0.273%
70	13.963	3920	3926	3942	rVB2	118973	223007	2.16%	0.336%

LSC Area Percent Report

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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

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\SOMUTR110419WMA.M
Title : TRACE VOA SOM01.0

Sum of corrected areas: 66411432

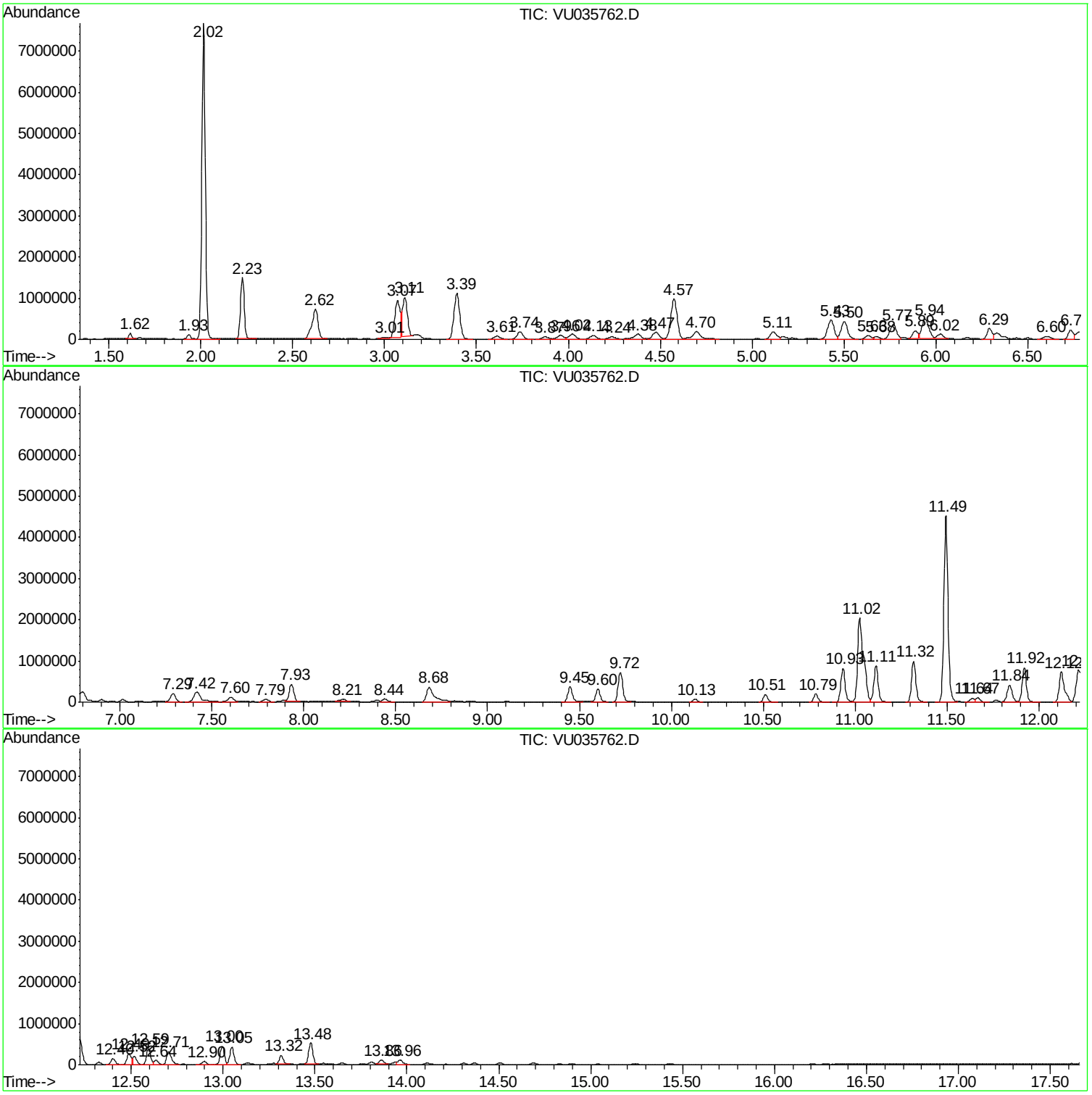
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.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\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

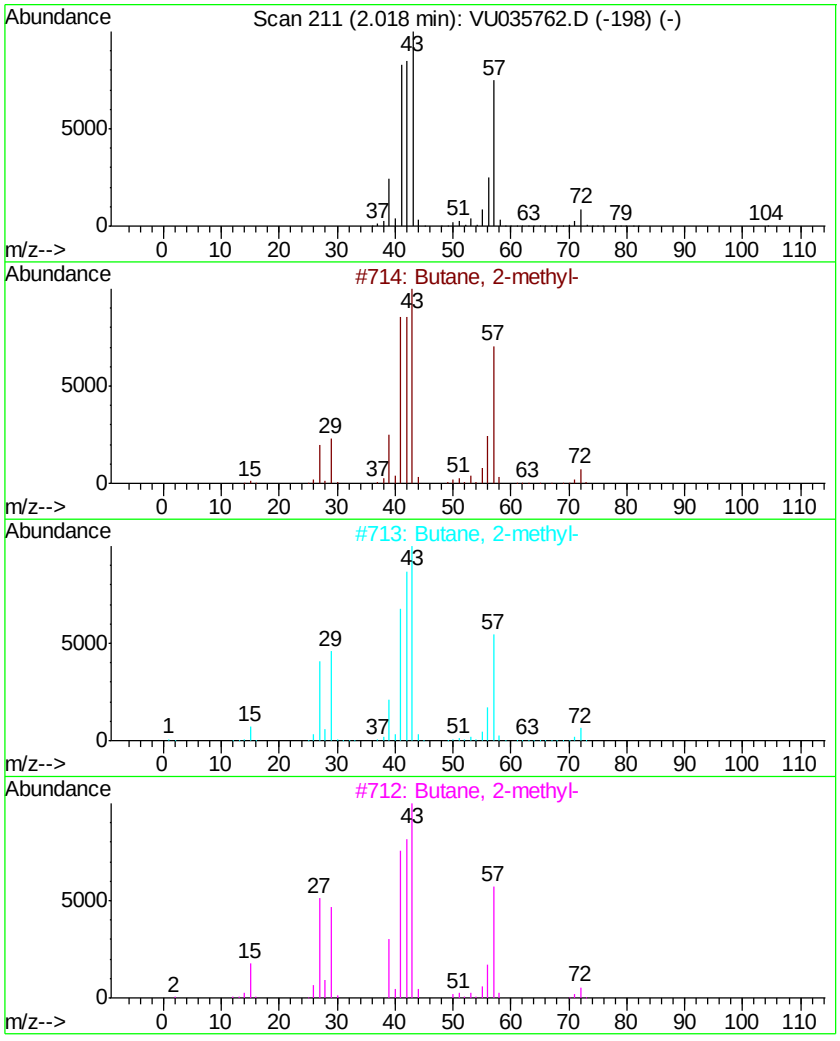
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

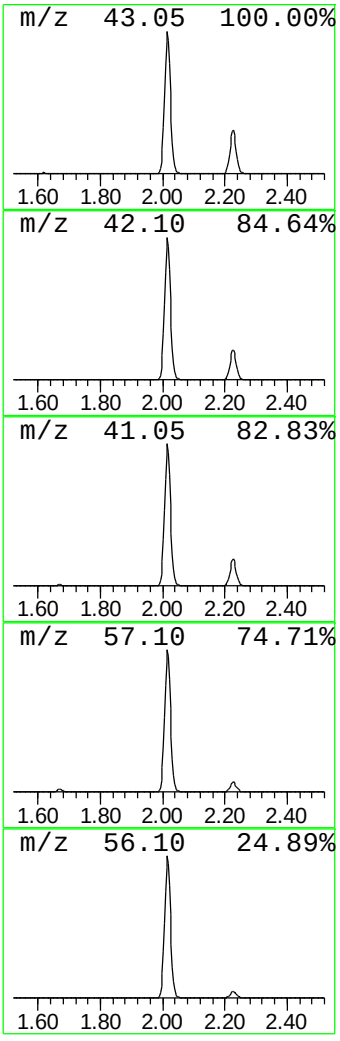
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	100.20 ug/L	10338300	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Pentane	72	C5H12	000109-66-0	42
5	Pentane	72	C5H12	000109-66-0	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

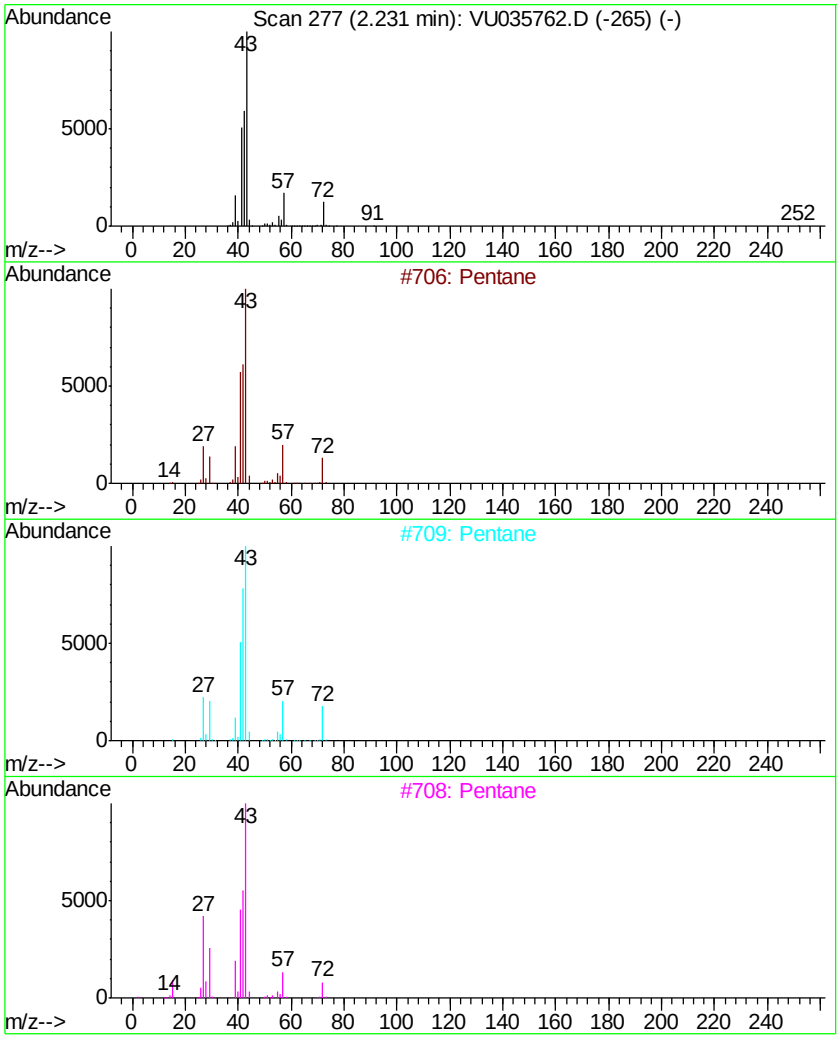
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

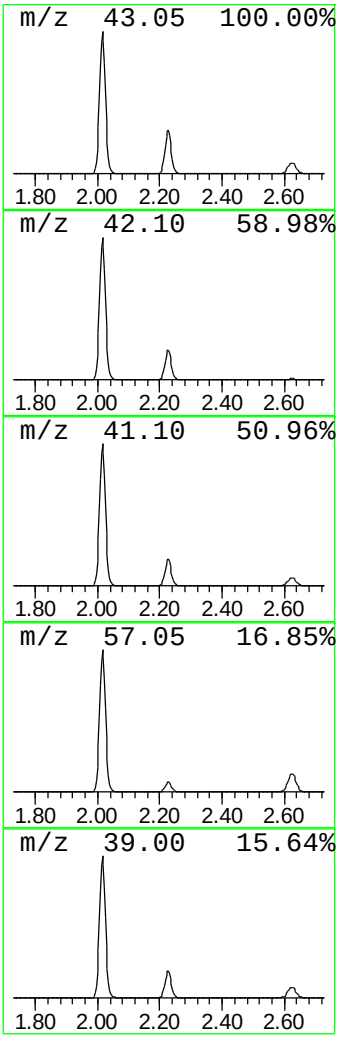
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	20.27 ug/L	2091230	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	91
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	86
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

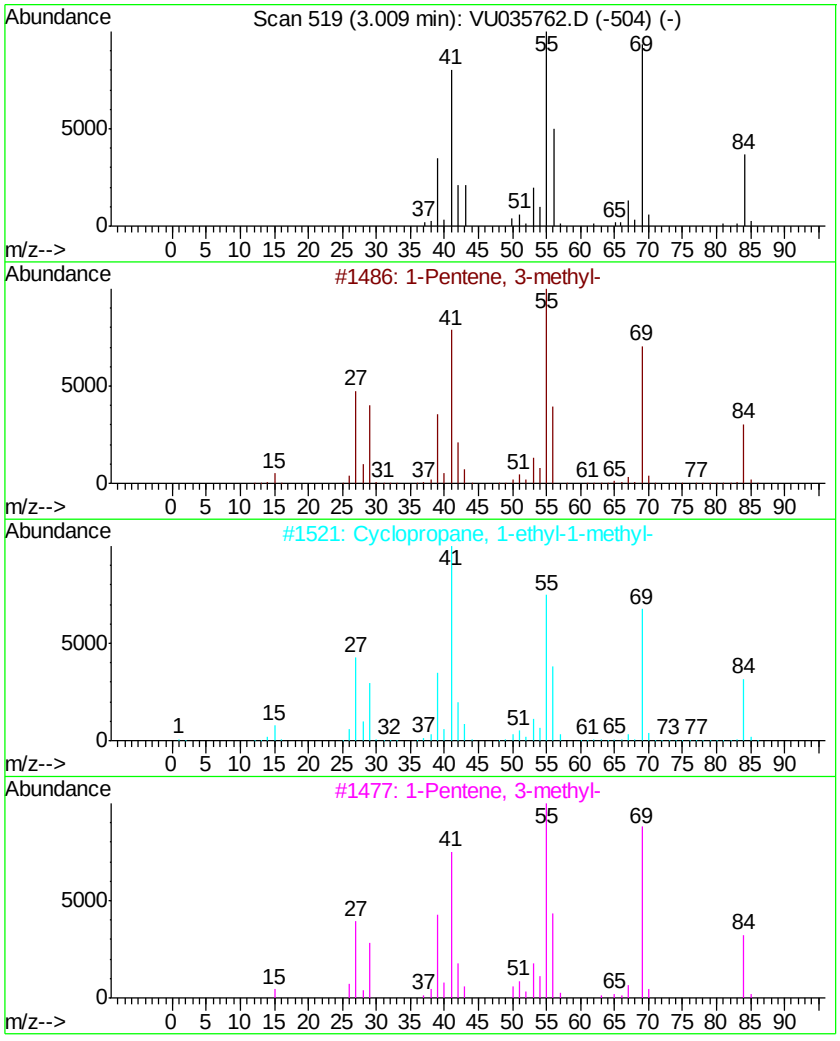
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

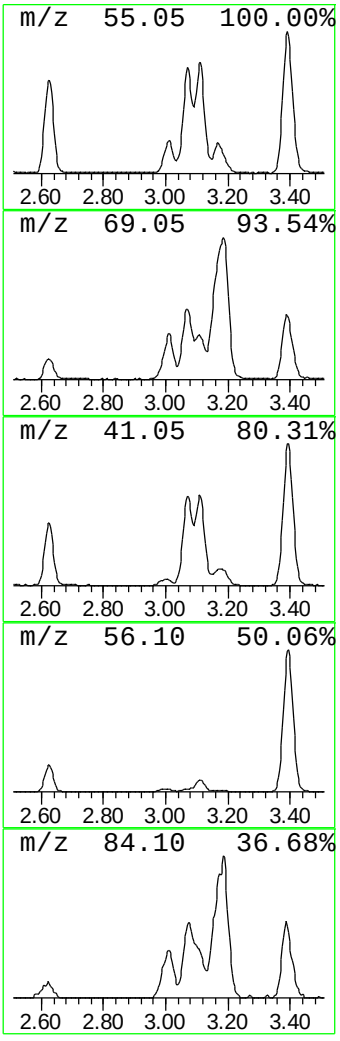
****

Peak Number 3 (DEL) Alkane: Cyclic3.01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	1.04 ug/L	107437	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	91
2	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	91
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	91
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	90
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	83





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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

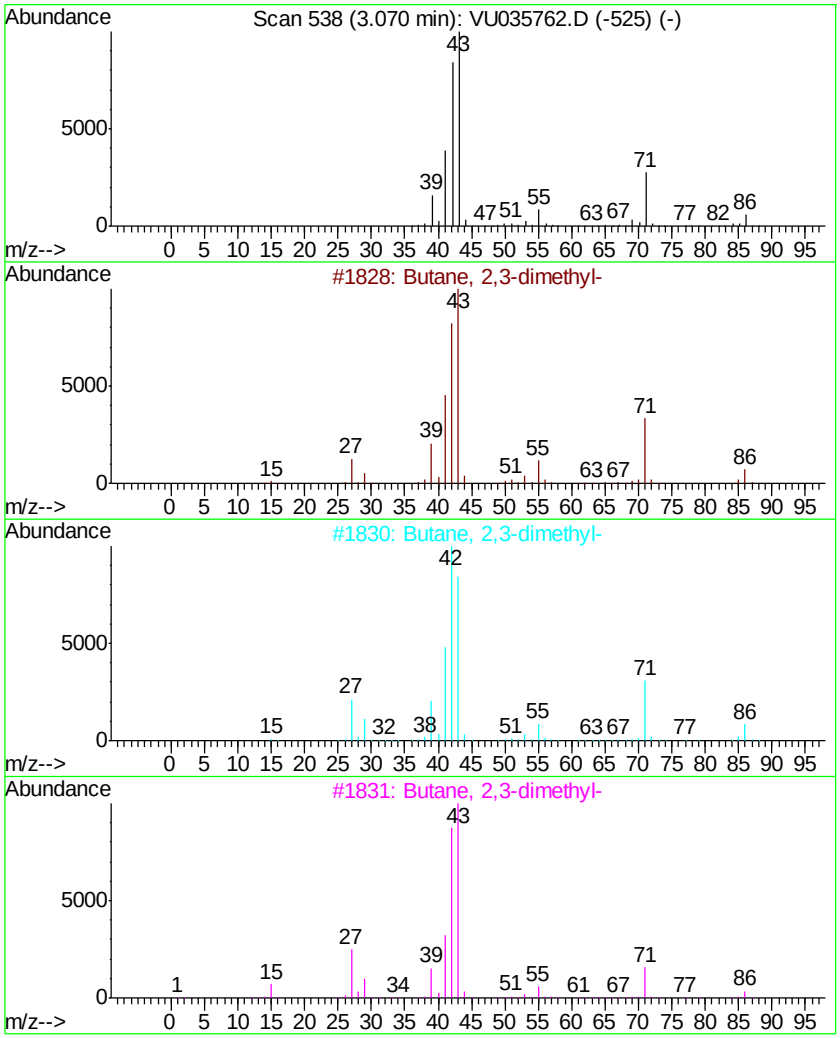
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

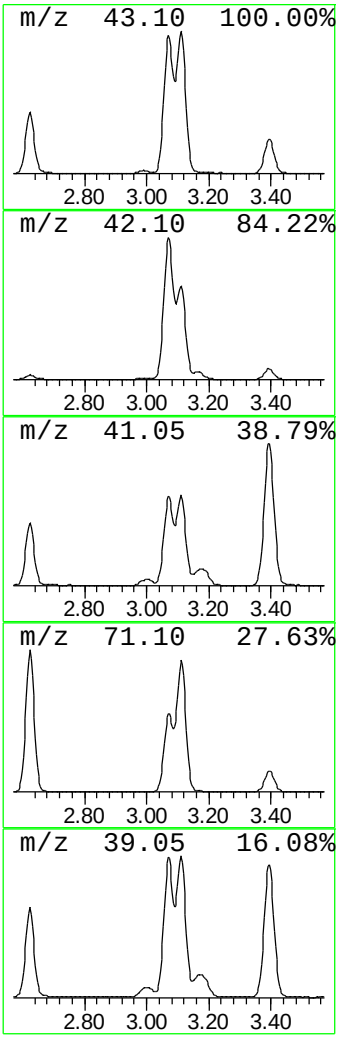
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	18.08 ug/L	1865080	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

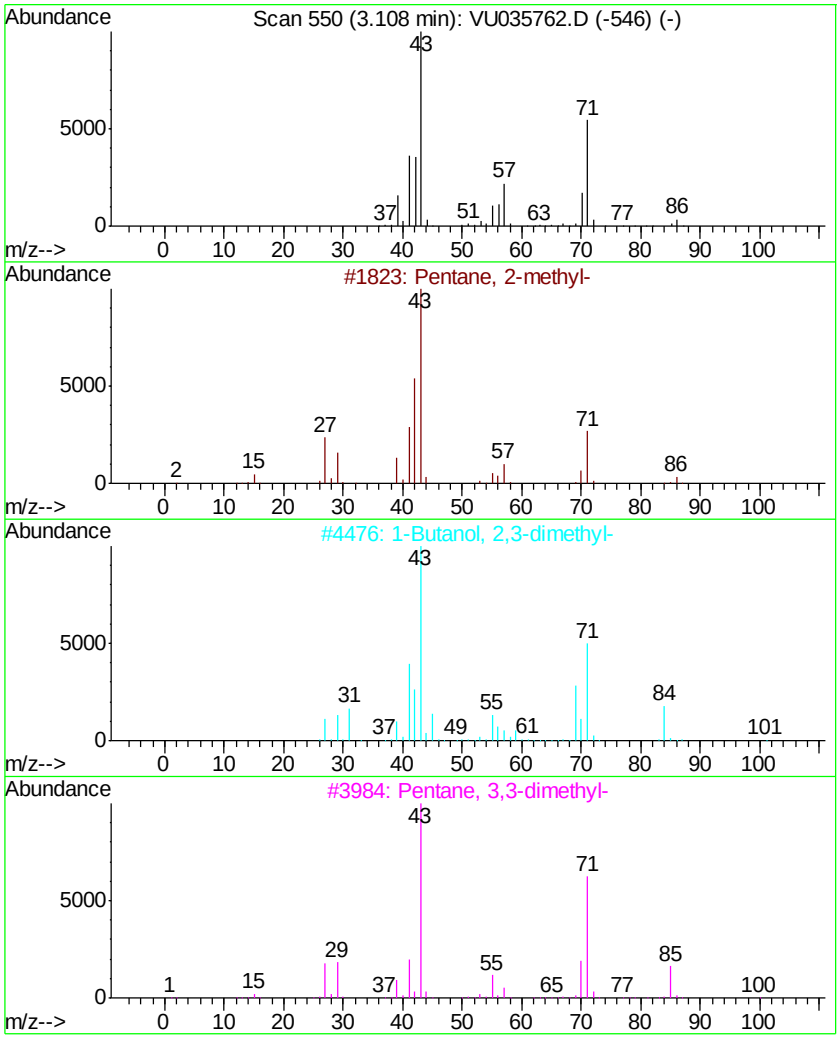
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

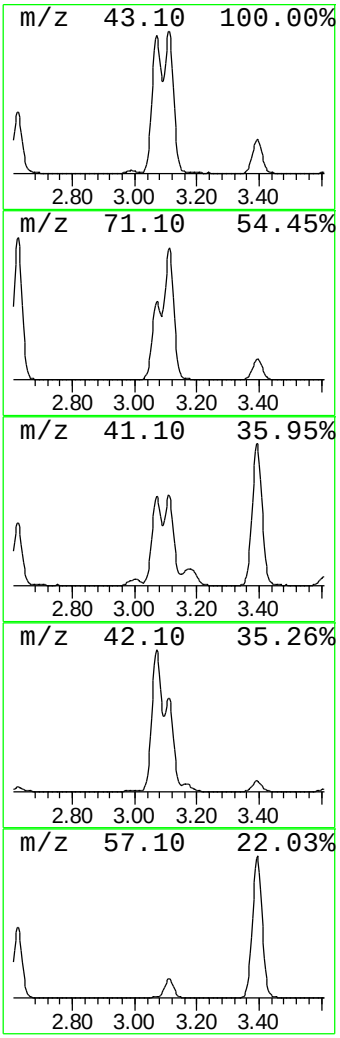
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	15.36 ug/L	1584660	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
2	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	43
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	42
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	39
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	33





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Data File : VU035762.D
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Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

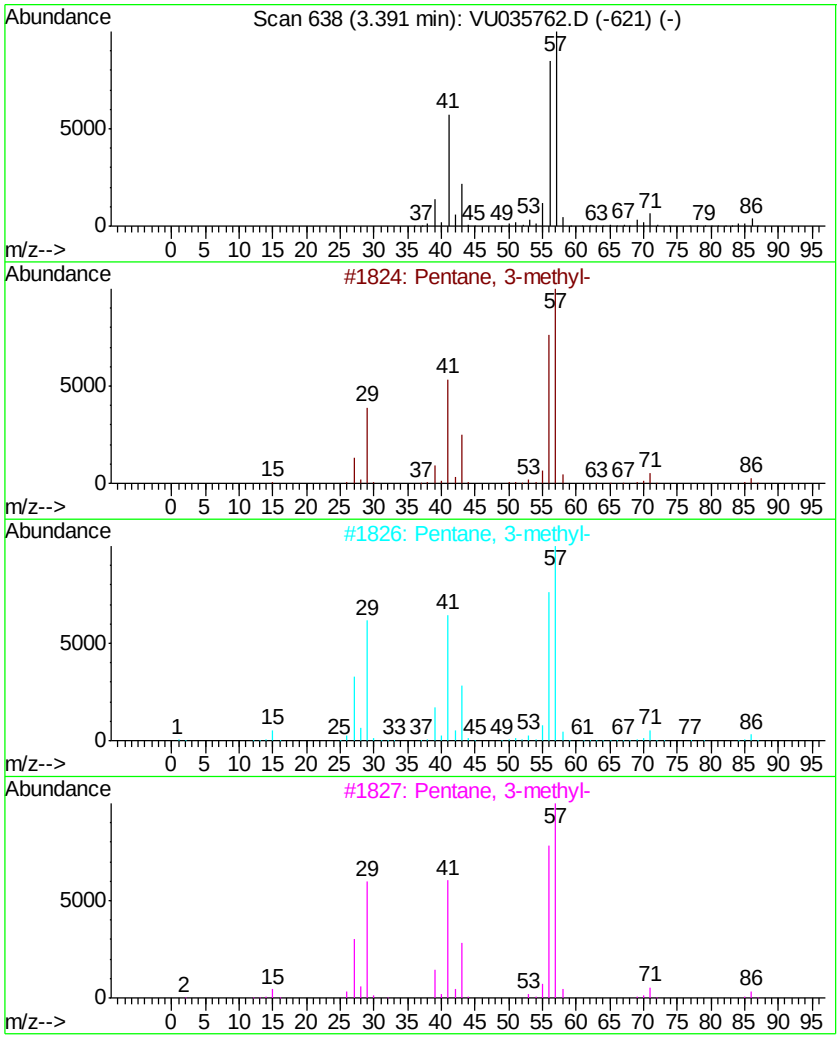
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

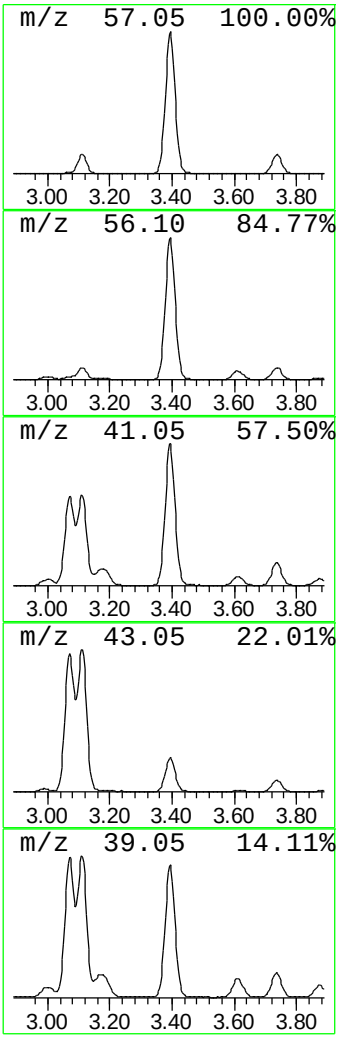
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	23.92 ug/L	2467630	1,4-Difluorobenzene	6.29

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	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	83
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
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Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

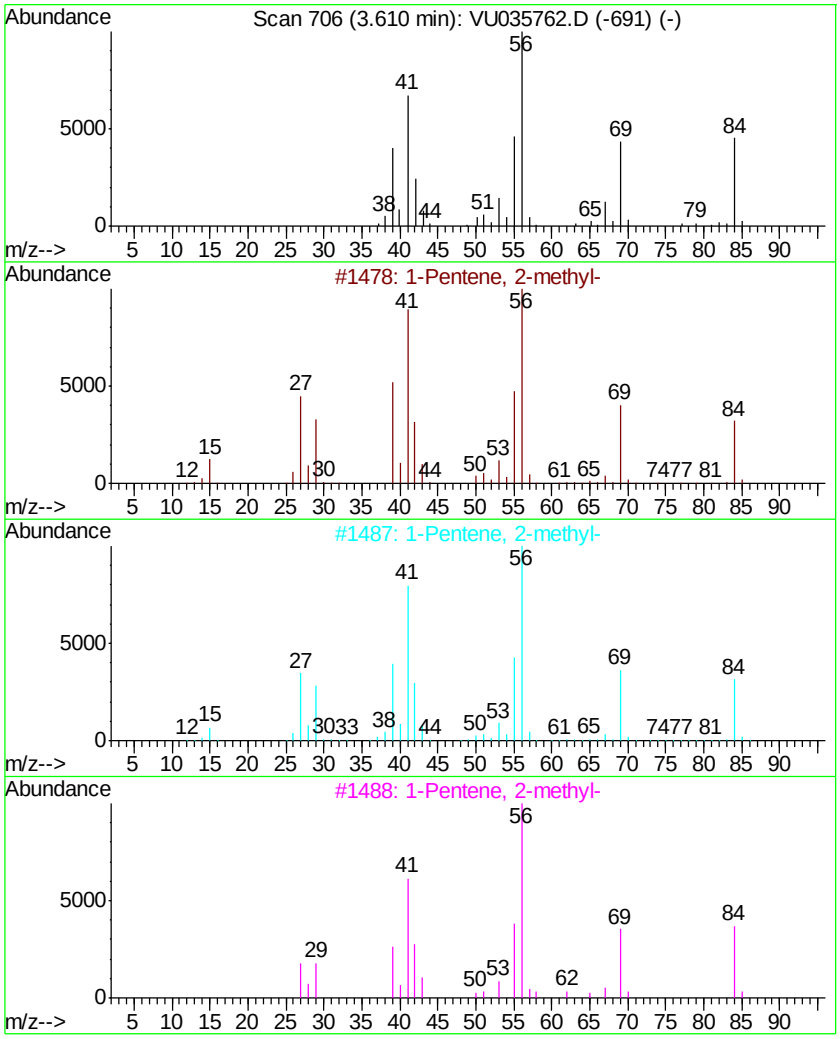
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

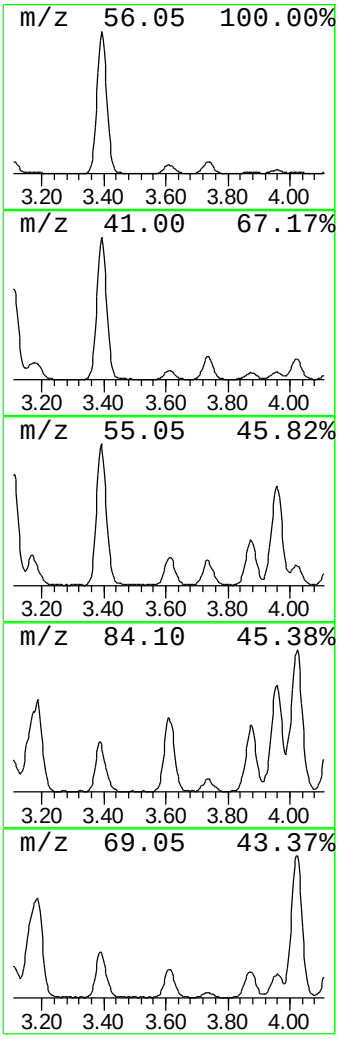
****

Peak Number 7 (DEL) Alkane: Cyclic3.61 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	1.78 ug/L	183961	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

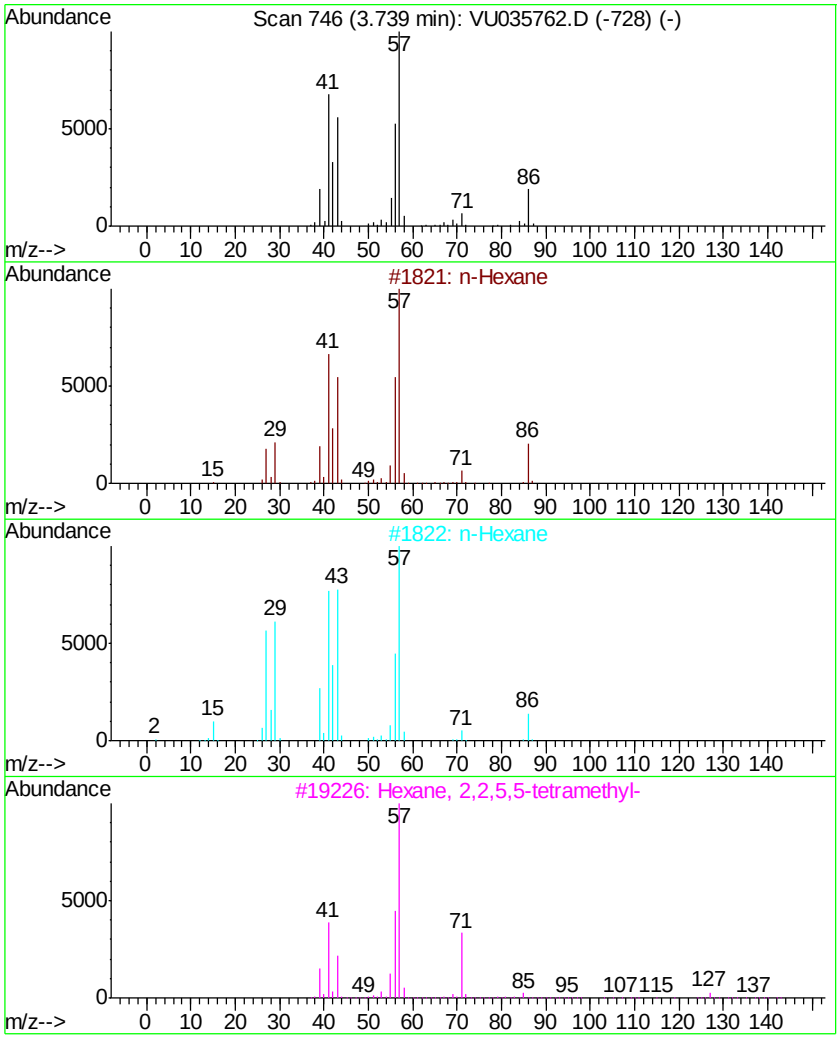
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

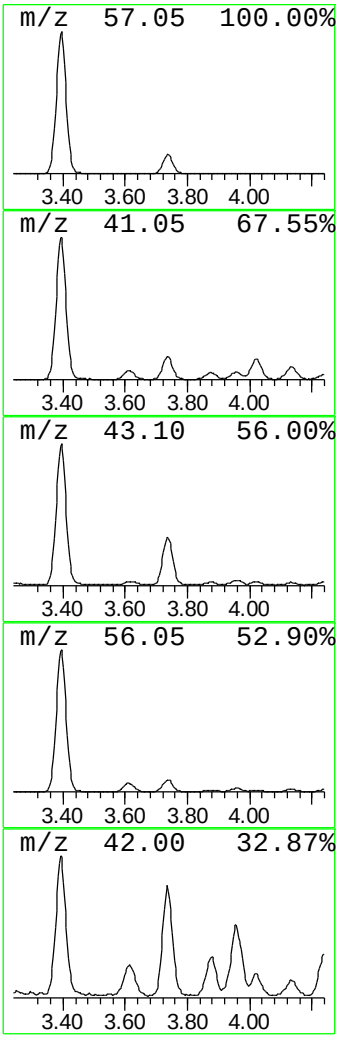
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	3.97 ug/L	410070	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	56
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	39





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

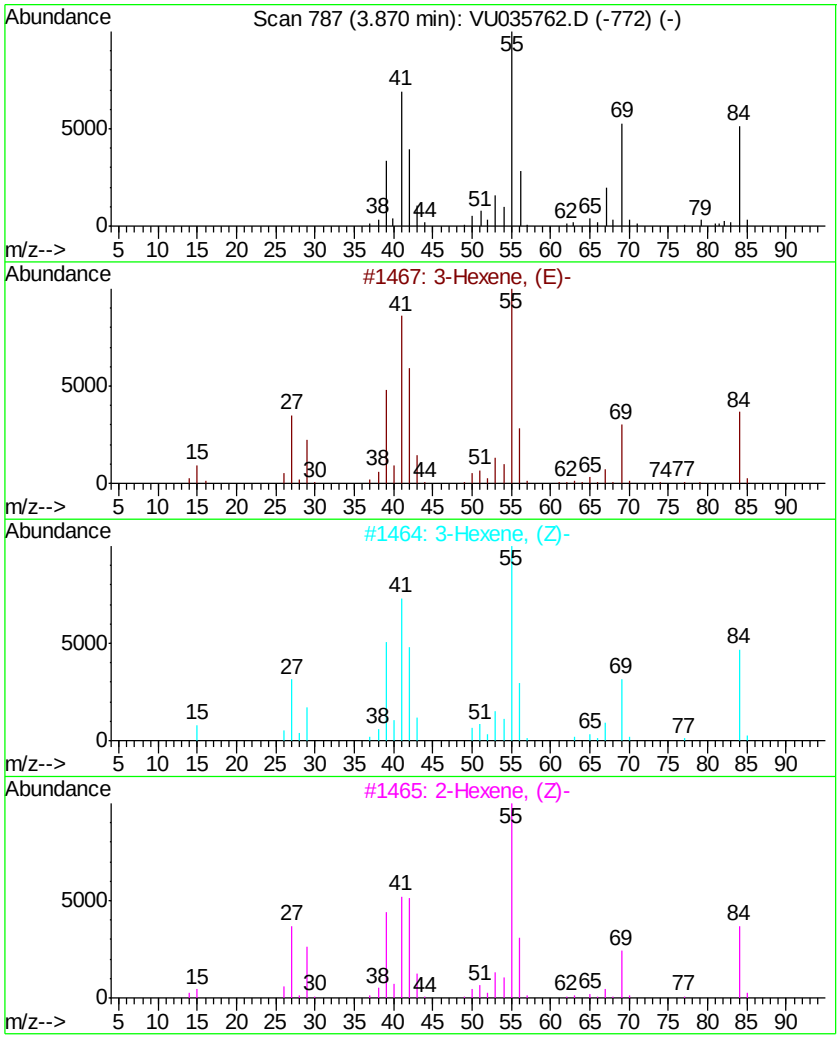
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

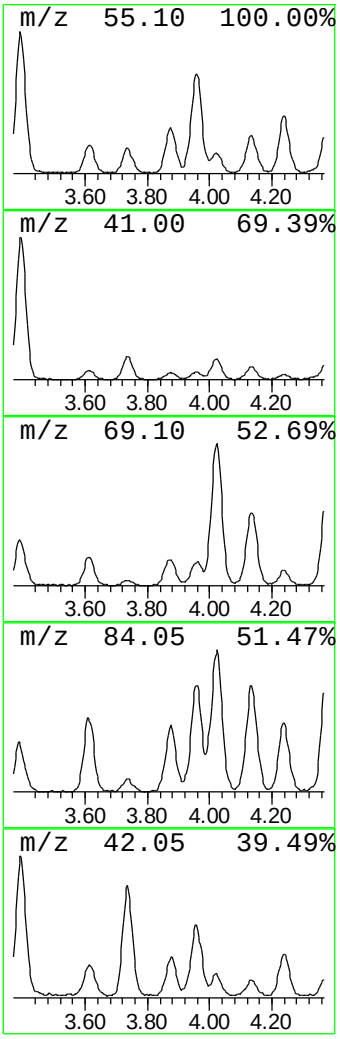
****

Peak Number 9 (DEL) Alkane: Cyclic3.87 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	1.43 ug/L	147615	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (E)-	84	C6H12	013269-52-8	91
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	90
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	87
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	81
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	80





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

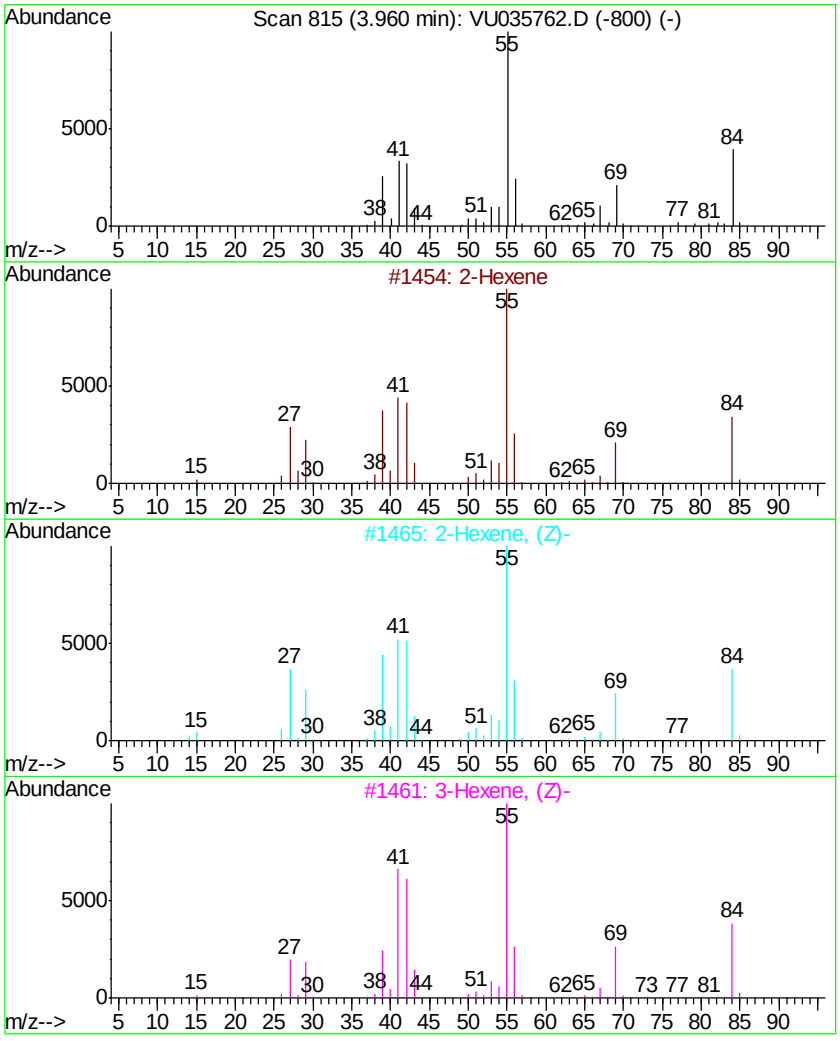
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

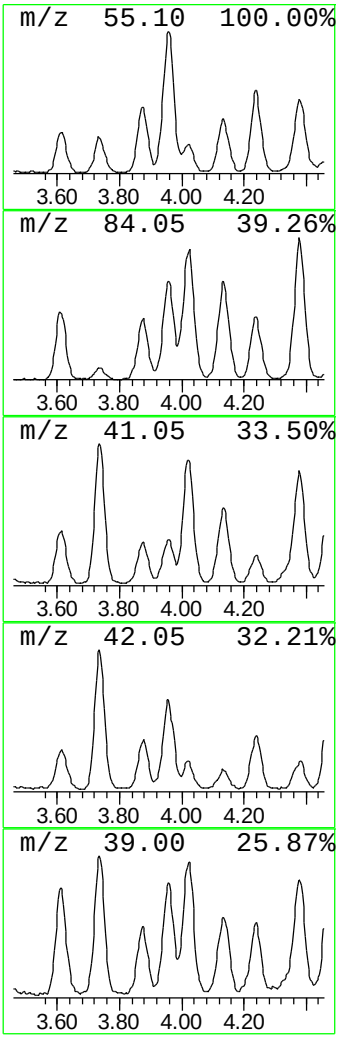
****

Peak Number 10 (DEL) Alkane: Cyclic3.96 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	2.25 ug/L	232278	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	91
2	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
5	2-Hexene, (E)-	84	C6H12	004050-45-7	90





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

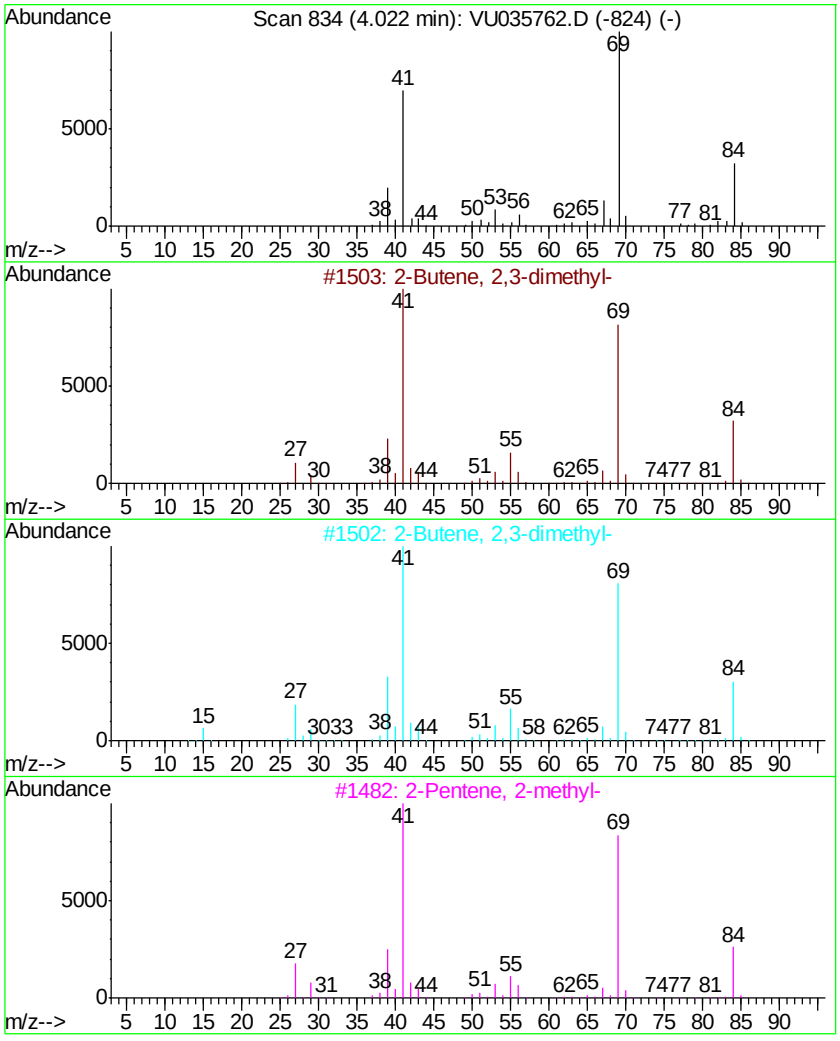
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

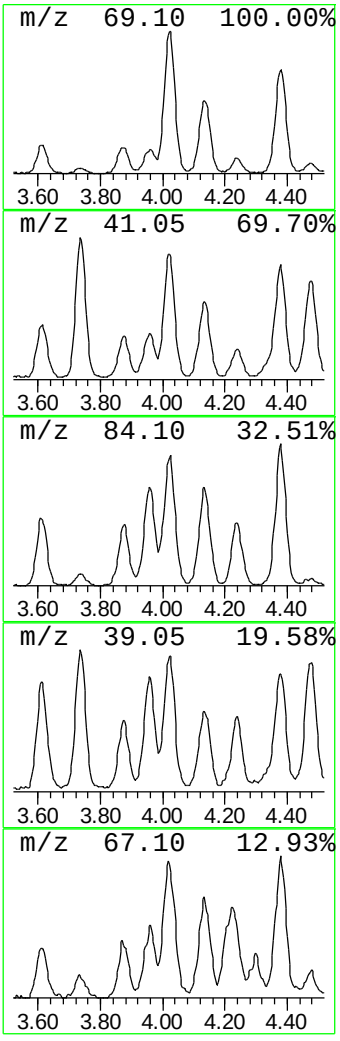
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic4.02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	2.94 ug/L	303325	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
3	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

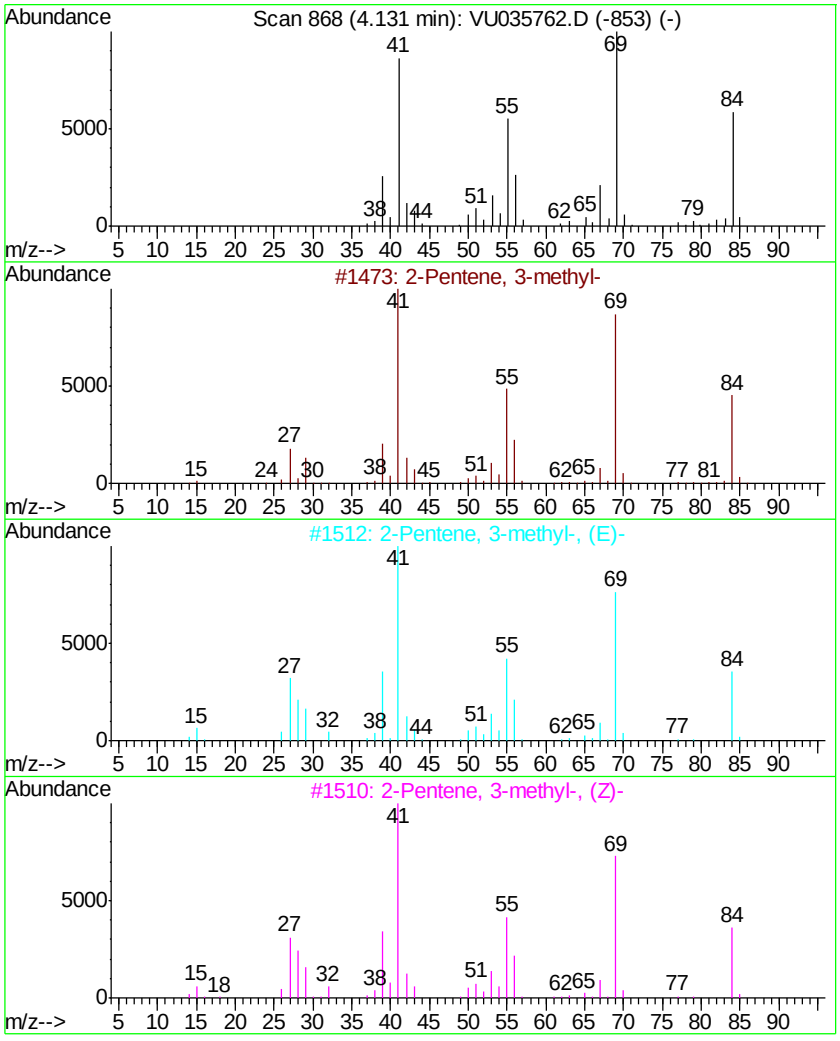
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

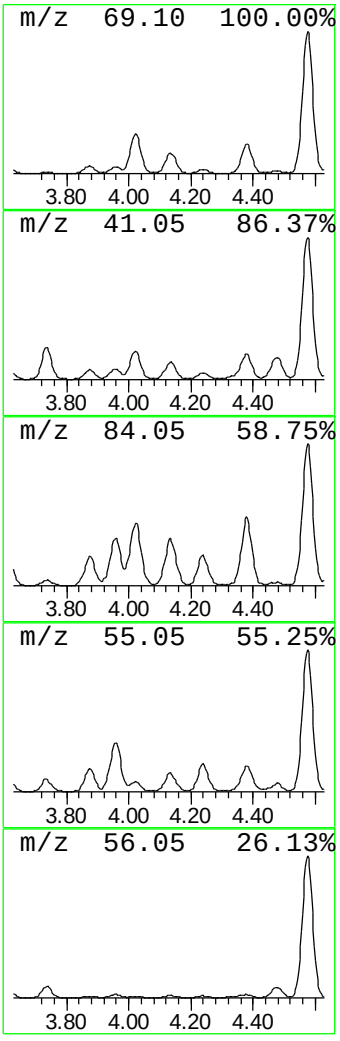
****

Peak Number 12 (DEL) Alkane: Cyclic4.13 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	2.10 ug/L	216913	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

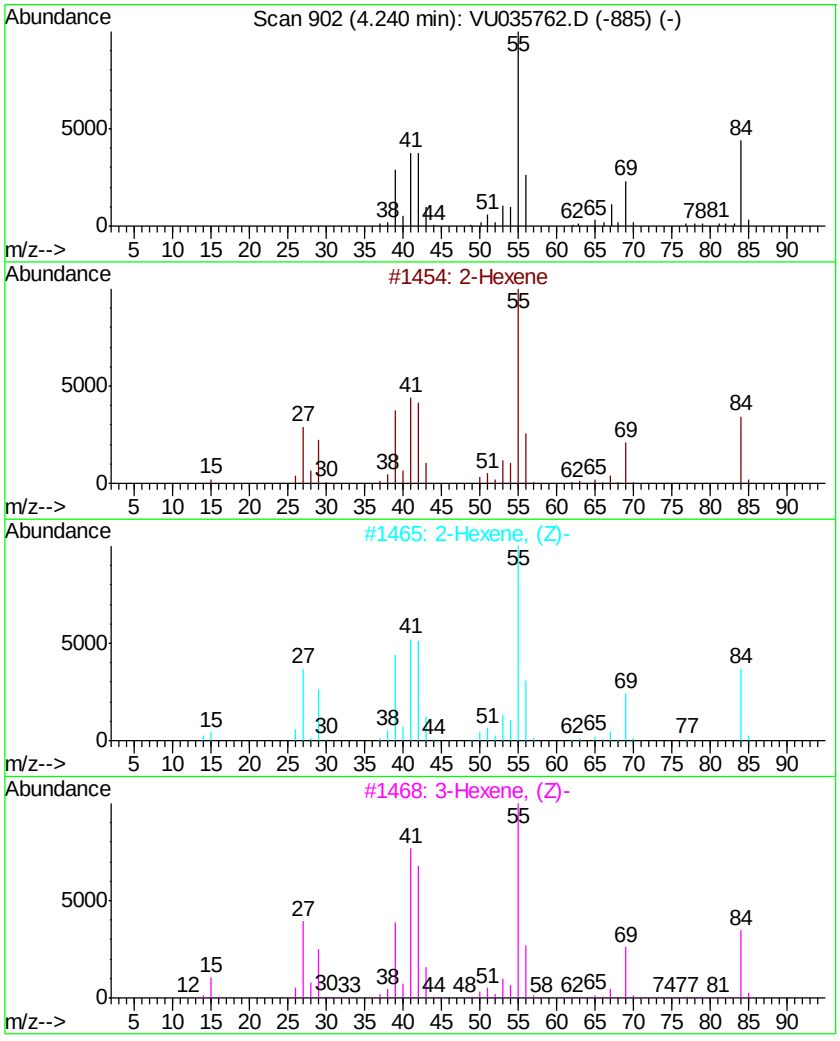
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

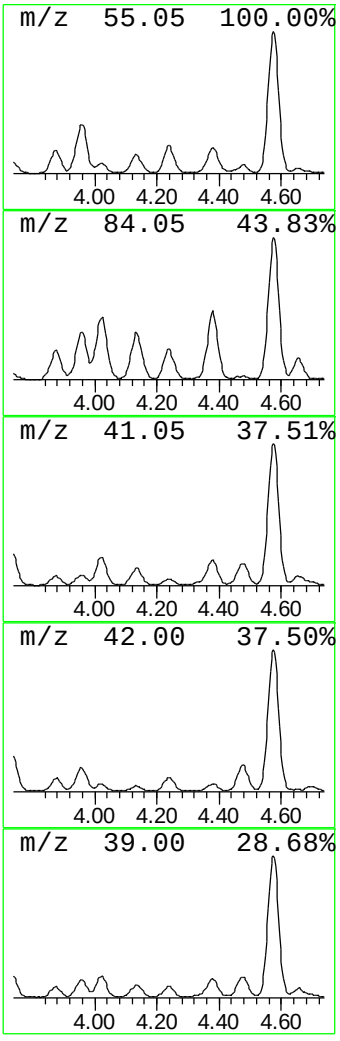
****

Peak Number 13 (DEL) Alkane: Cyclic4.24 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	1.37 ug/L	141018	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	91
2	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
5	3-Hexene, (E)-	84	C6H12	013269-52-8	90





Library Search Compound Report

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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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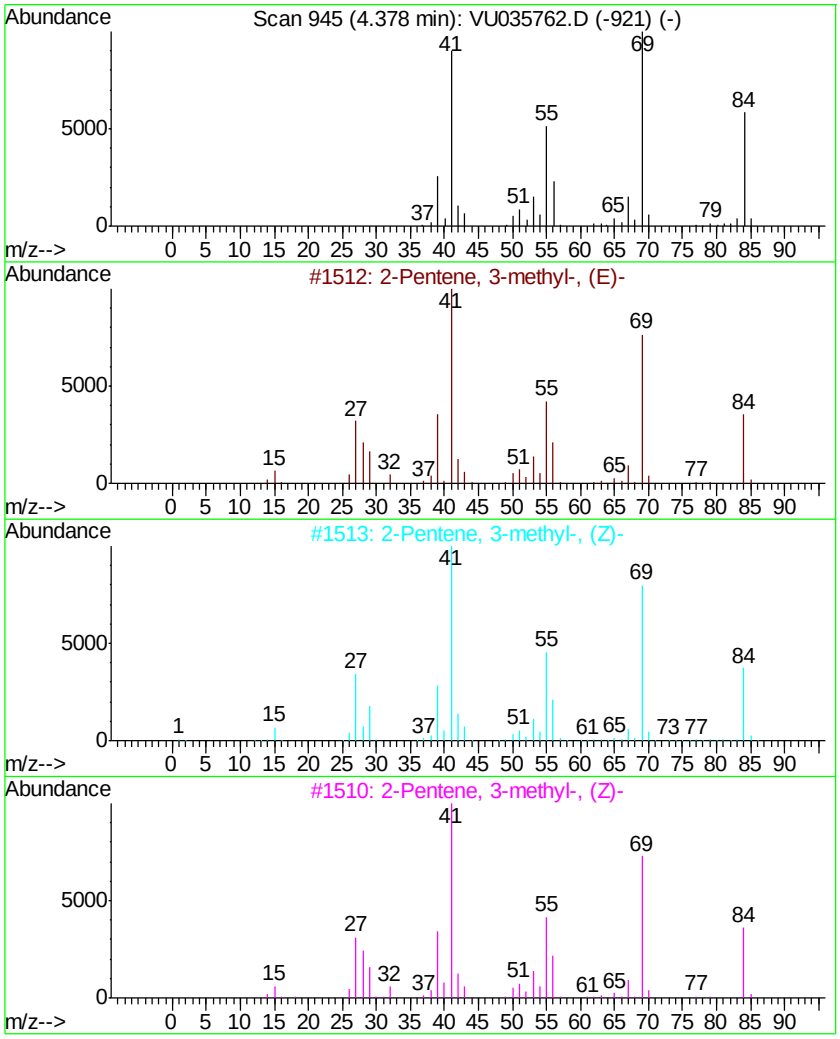
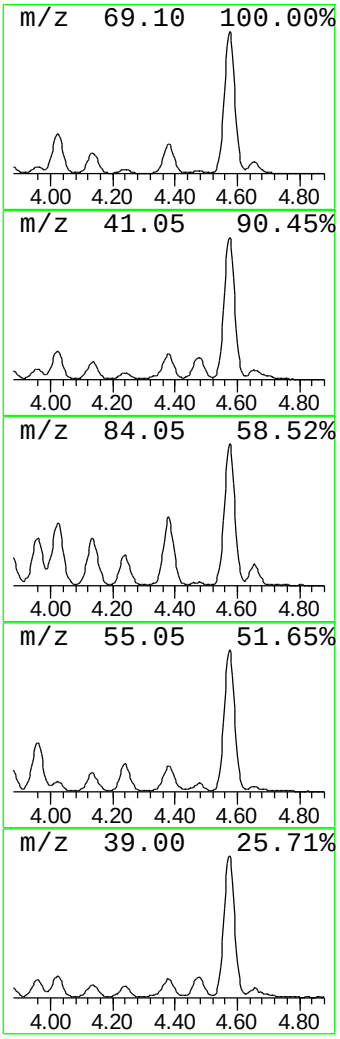
Peak Number 14 (DEL) Alkane: Cyclic4.38 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	3.50 ug/L	360673	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91





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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

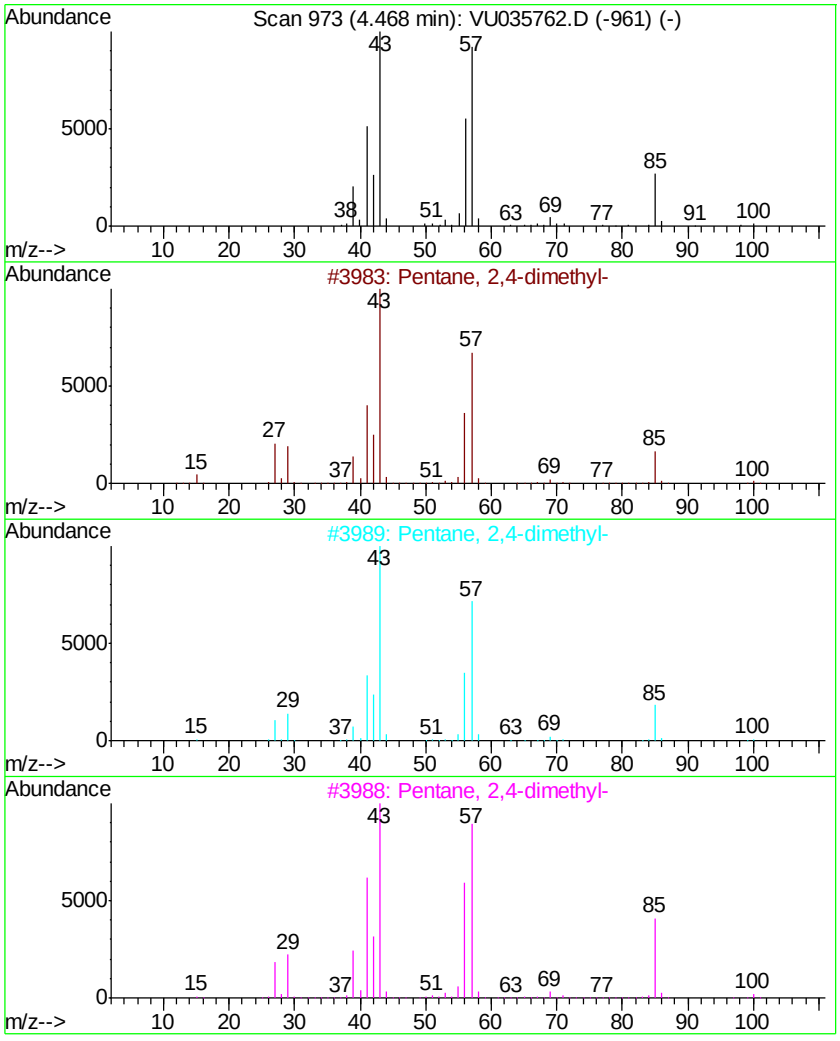
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

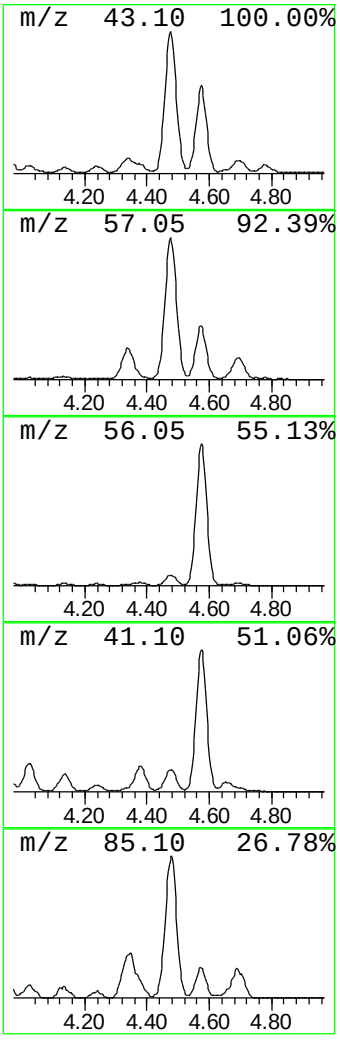
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	4.09 ug/L	421977	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	74
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

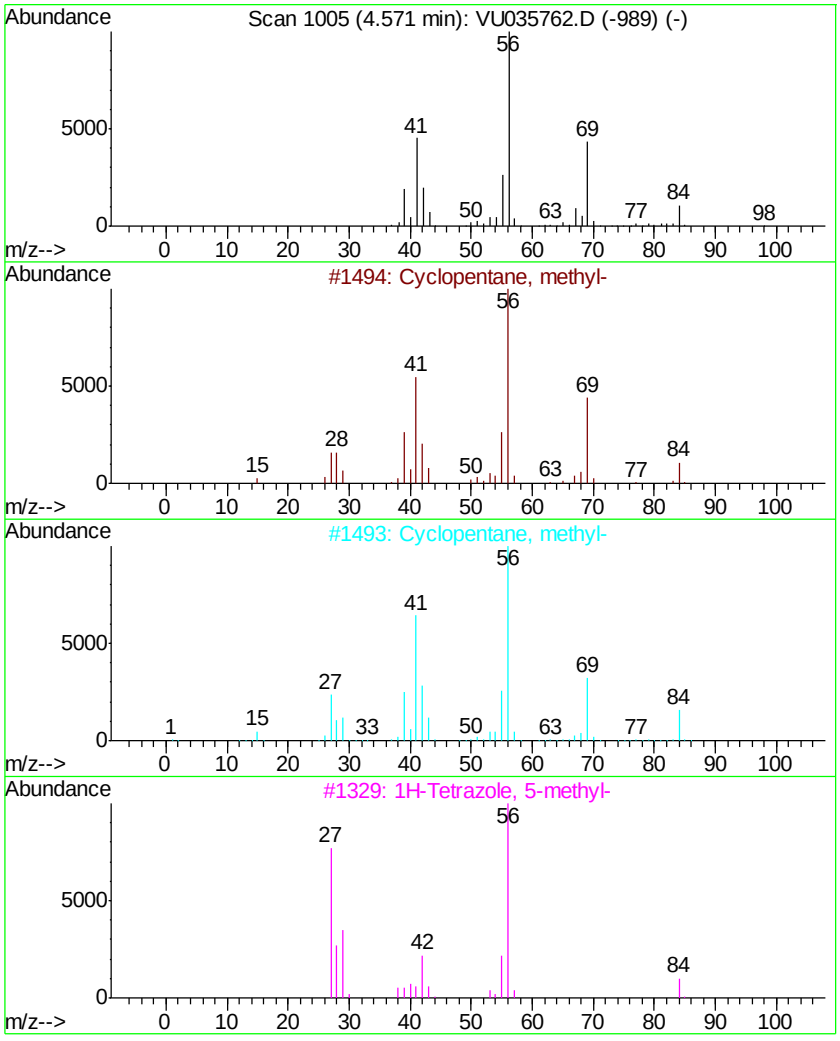
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

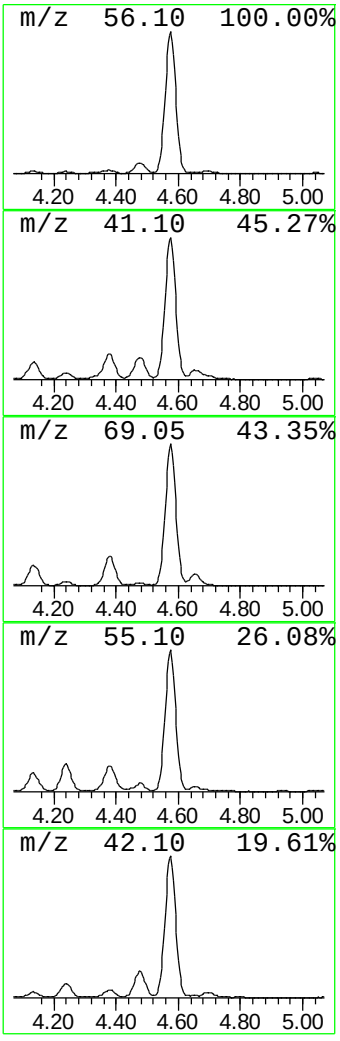
****

Peak Number 16 (DEL) Alkane: Cyclic4.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	22.72 ug/L	2344720	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Library Search Compound Report

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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

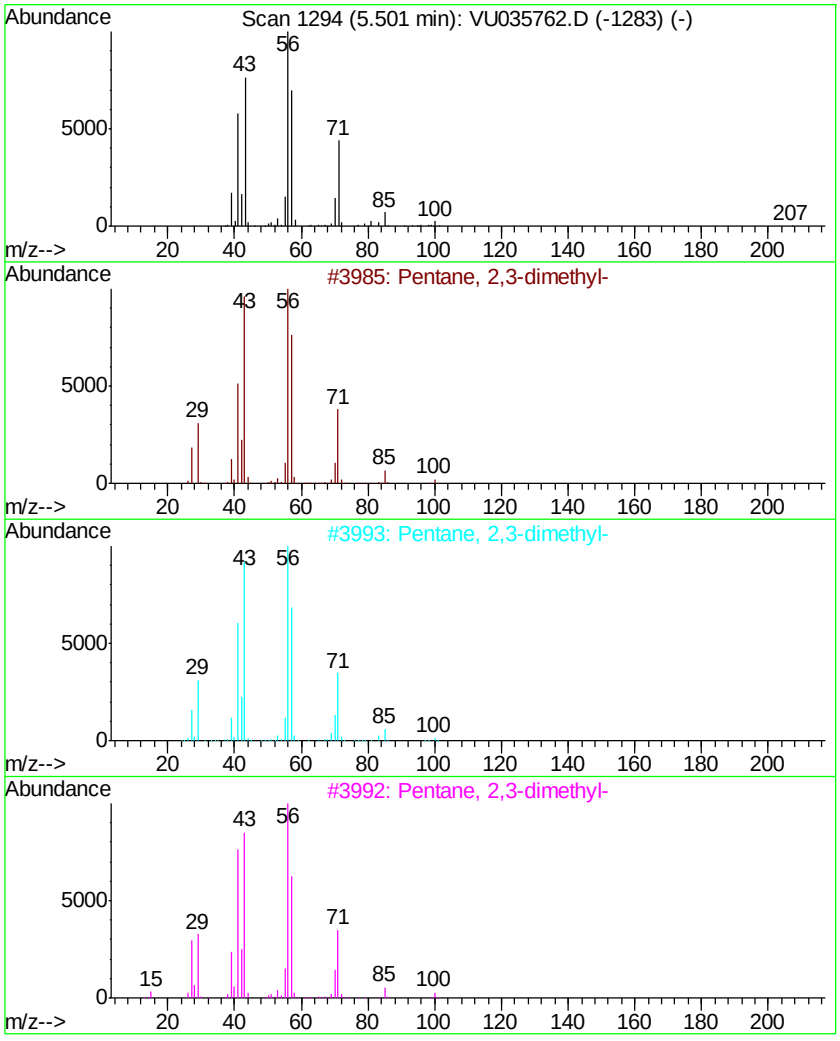
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

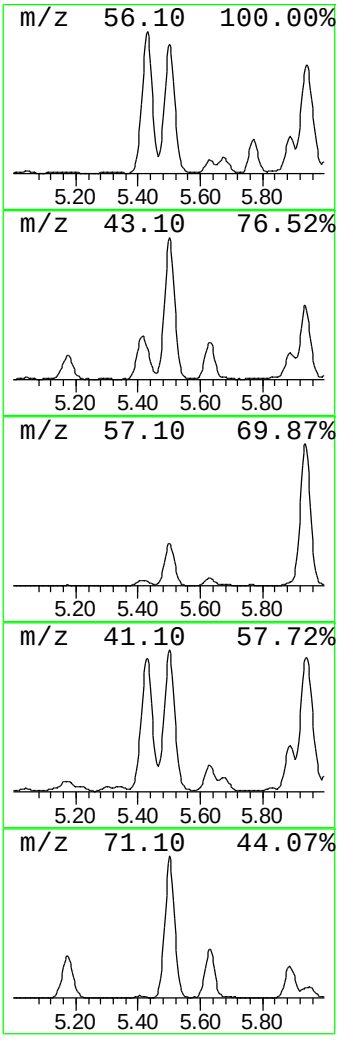
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	10.01 ug/L	1033140	1,4-Difluorobenzene	6.29

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	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	81
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	52
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

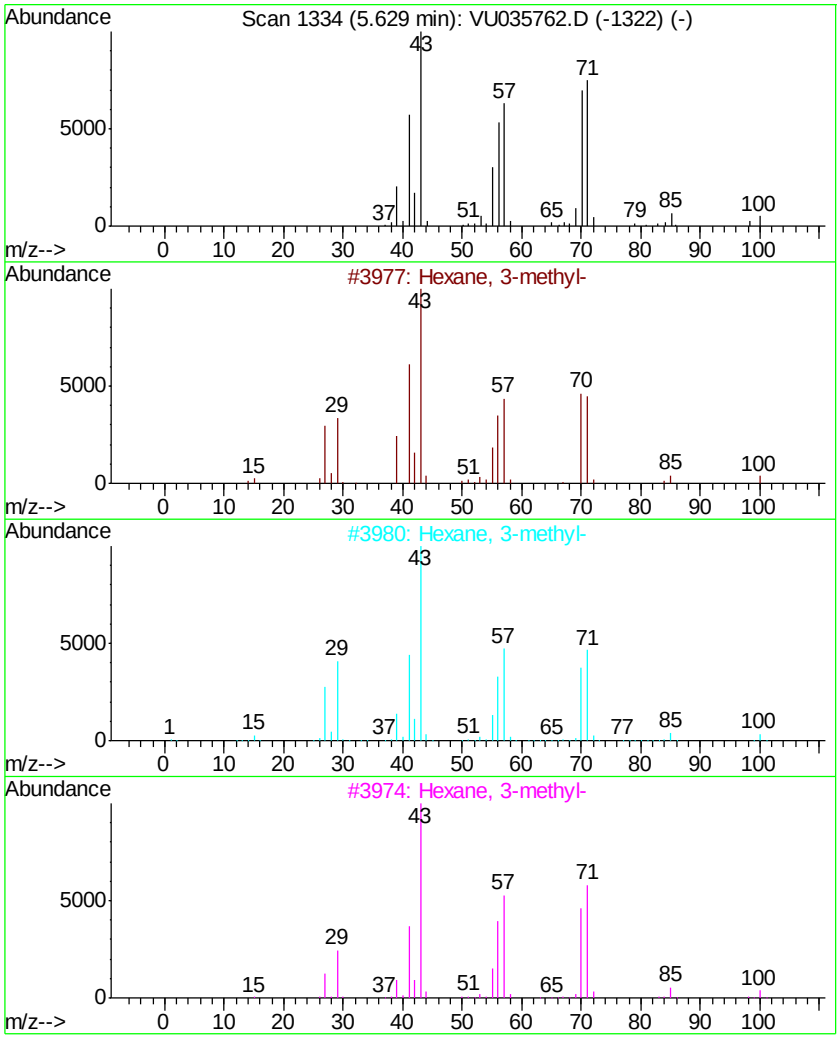
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

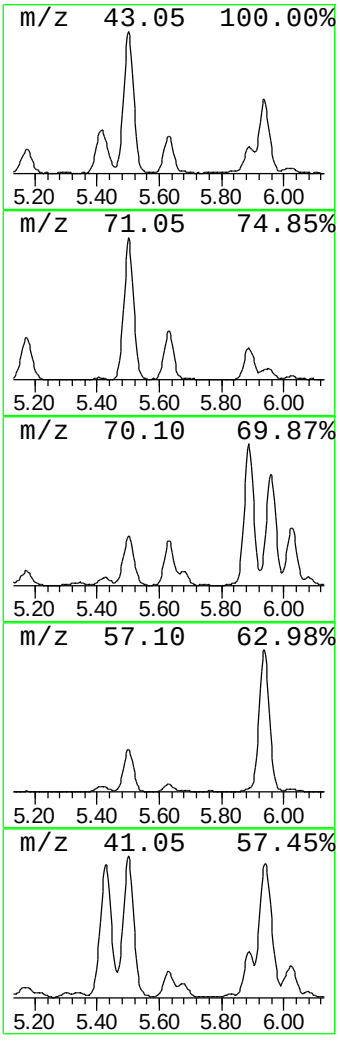
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	1.92 ug/L	198103	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

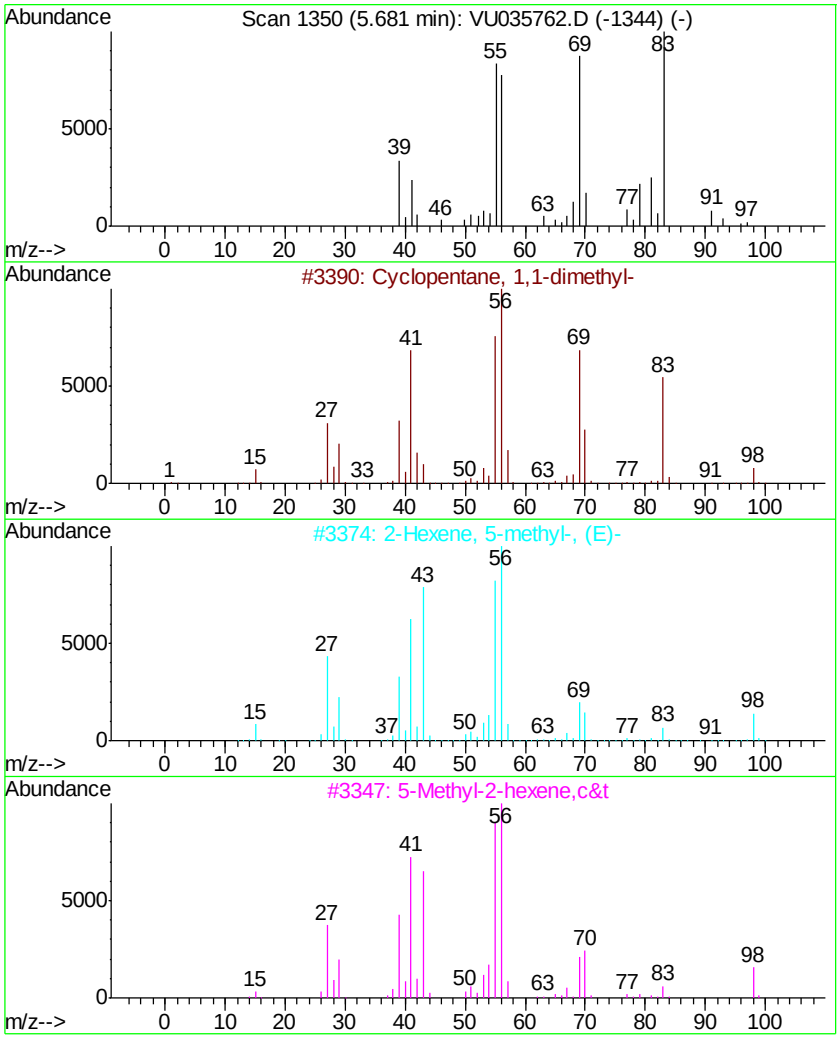
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

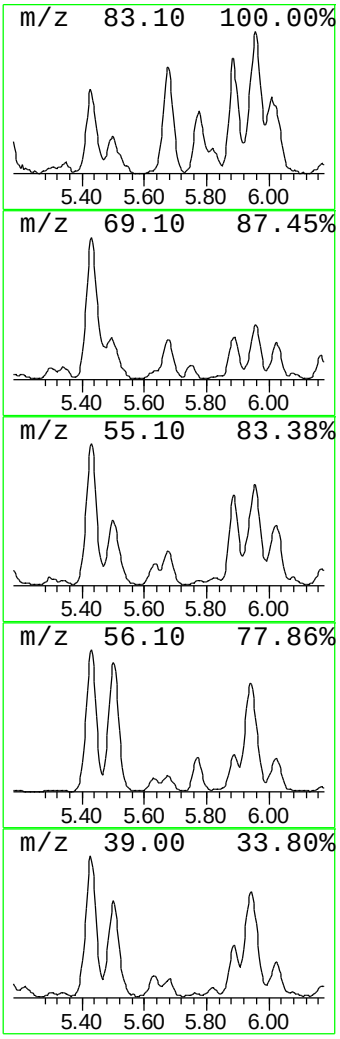
****

Peak Number 19 (DEL) Alkane: Cyclic5.68 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	1.00 ug/L	103561	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	78
2	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	25
3	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	25
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	23
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	23





Library Search Compound Report

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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

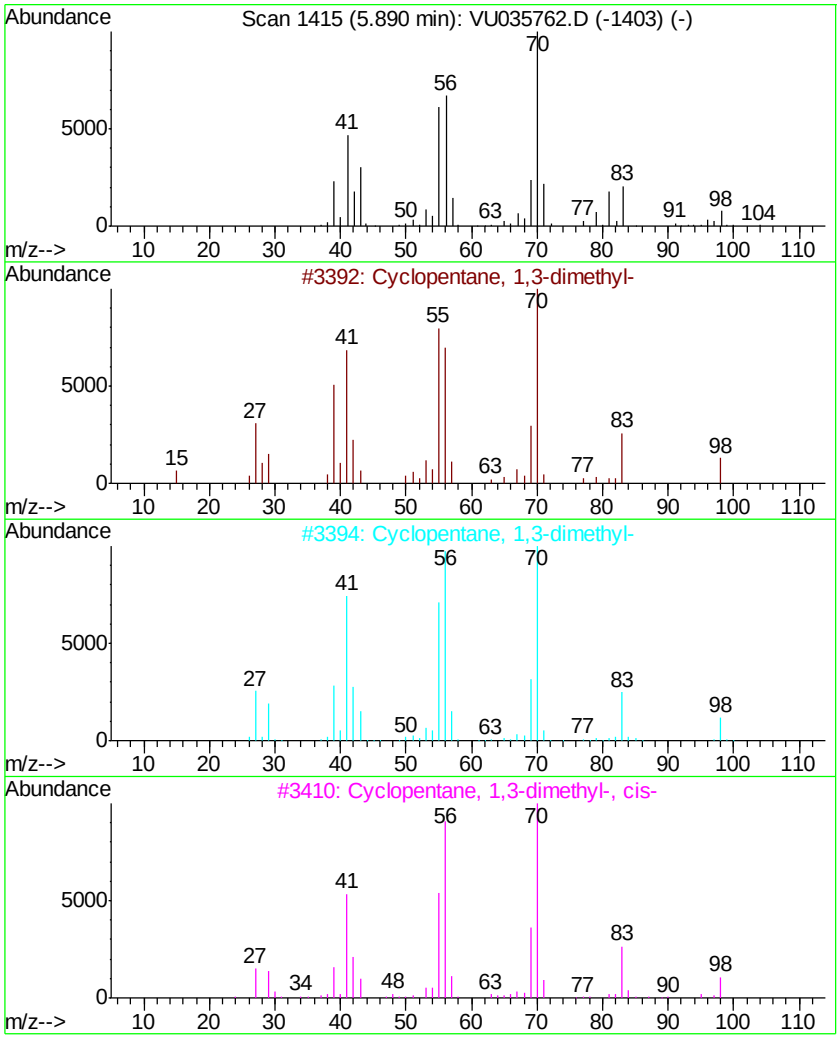
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

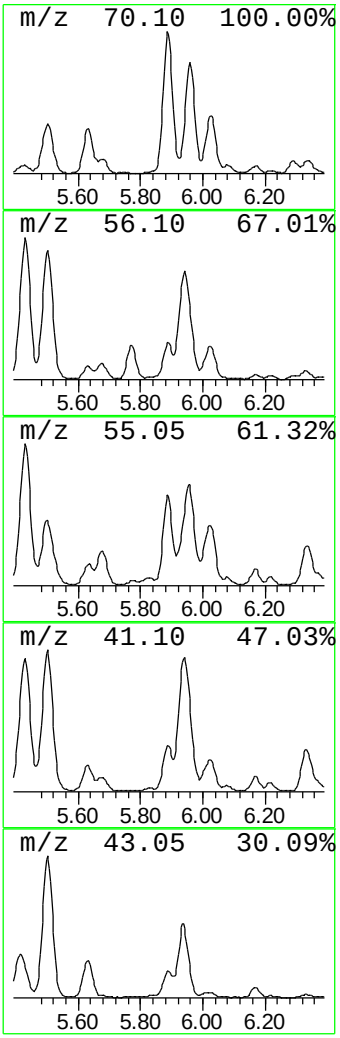
****

Peak Number 20 (DEL) Alkane: Cyclic5.89 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.57 ug/L	368288	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	49





Library Search Compound Report

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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

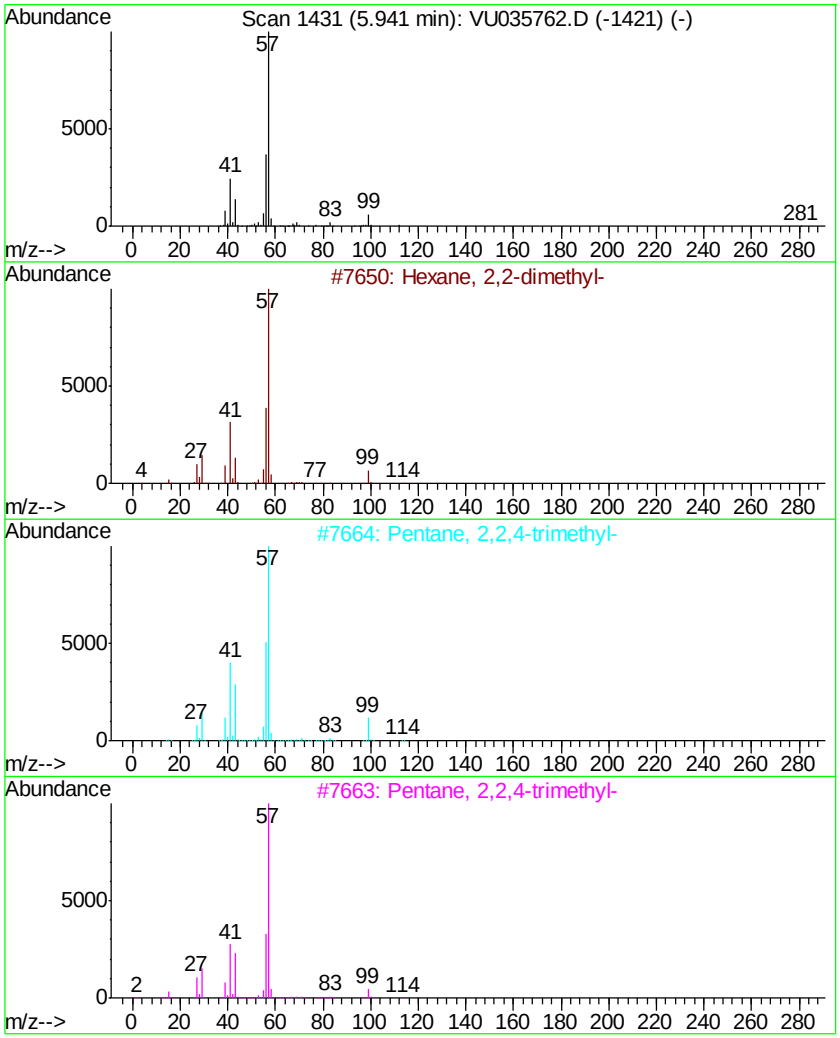
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

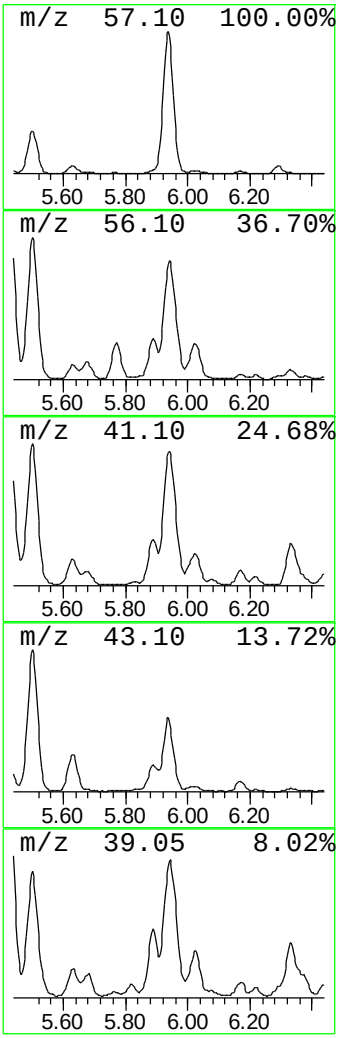
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	12.22 ug/L	1261220	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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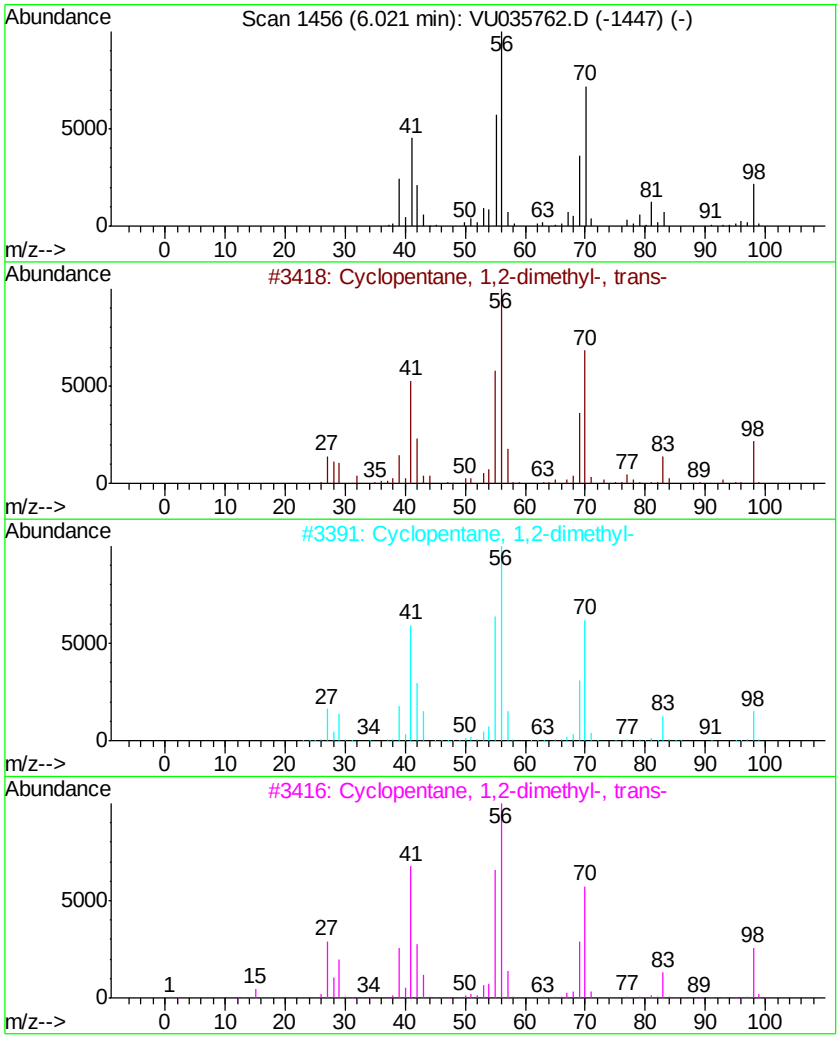
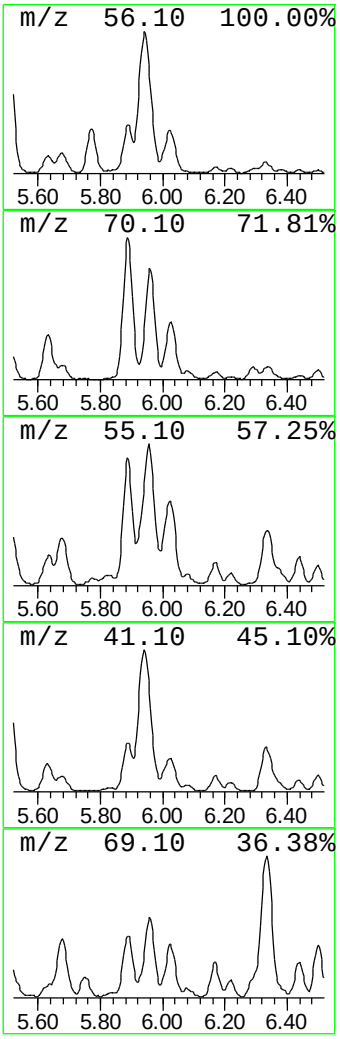
Peak Number 22 (DEL) Alkane: Cyclic6.02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	2.48 ug/L	255693	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	86
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	86
4	Isopropylcyclobutane	98	C7H14	000872-56-0	83
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78





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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

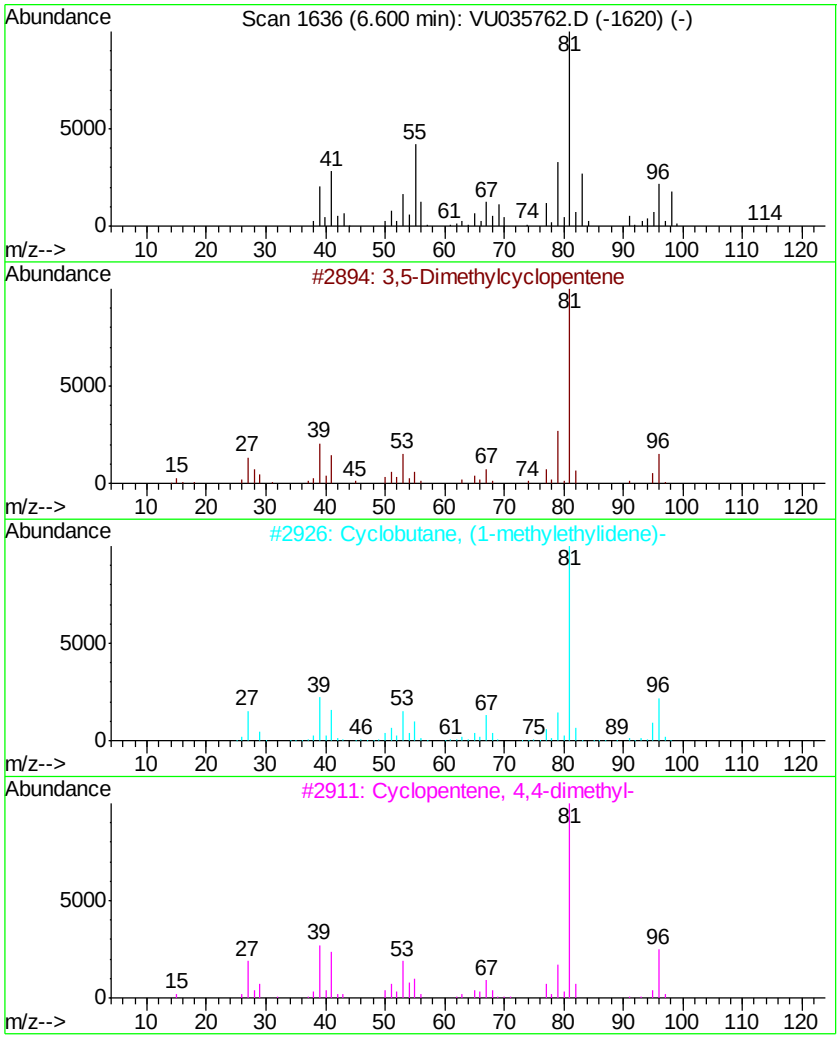
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

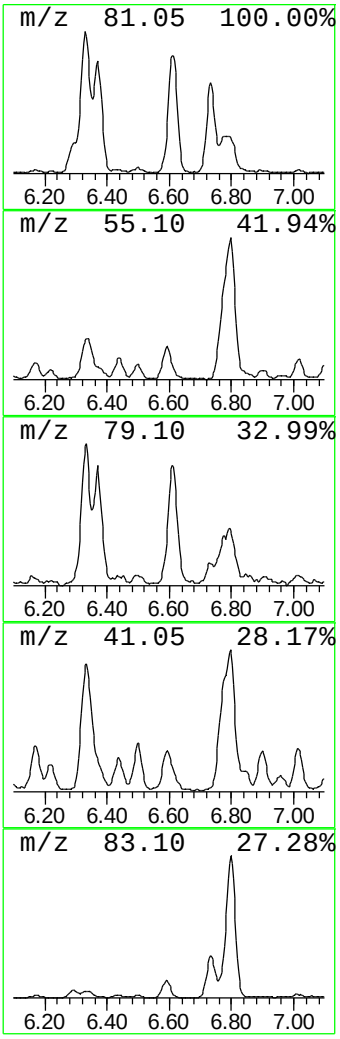
****

Peak Number 23 3,5-Dimethylcyclopentene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	1.81 ug/L	186539	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	81
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	76
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	76
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	62
5	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	53





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

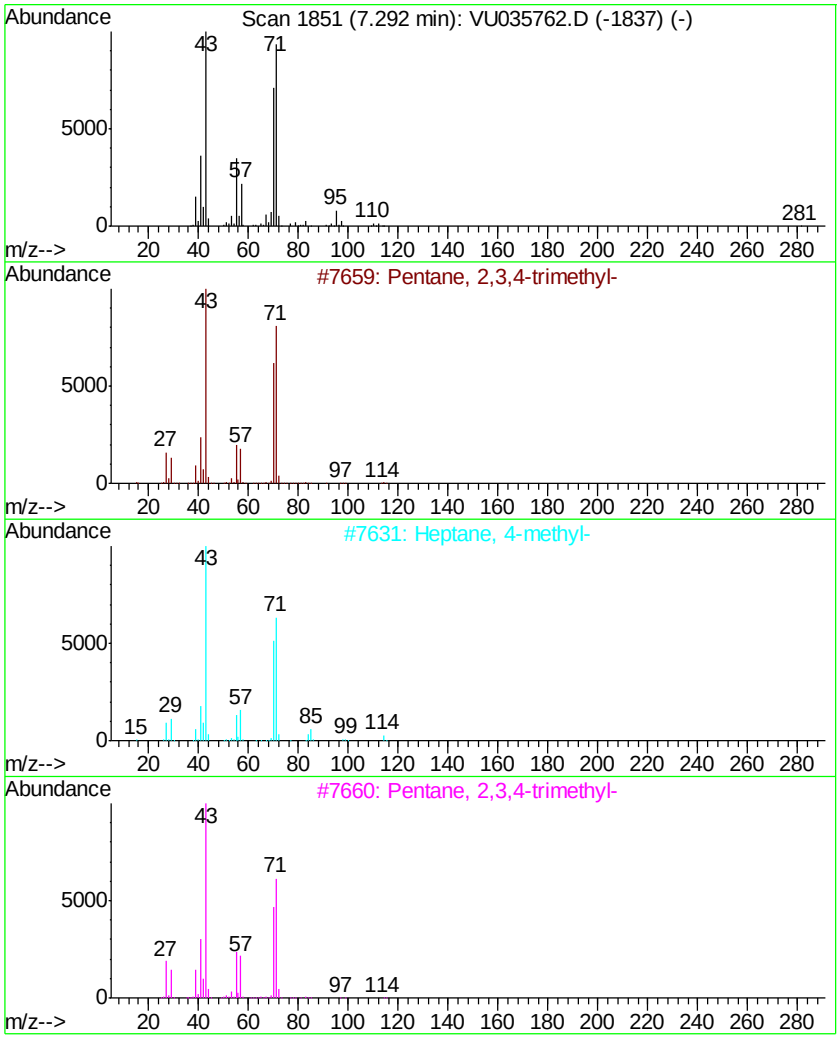
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

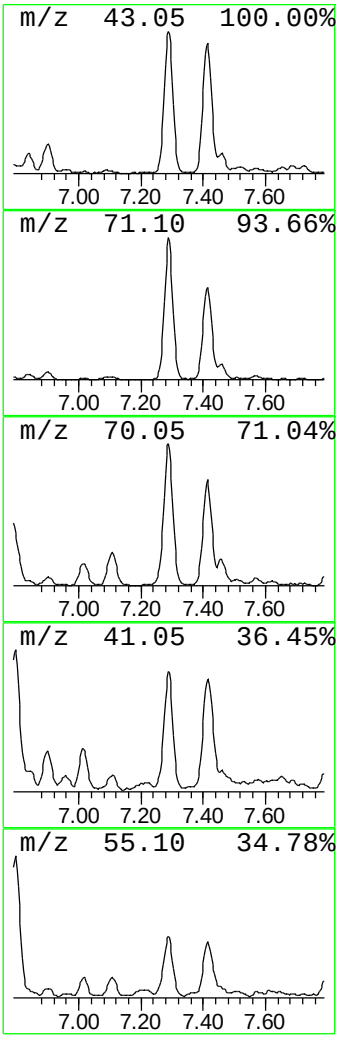
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	3.92 ug/L	404511	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

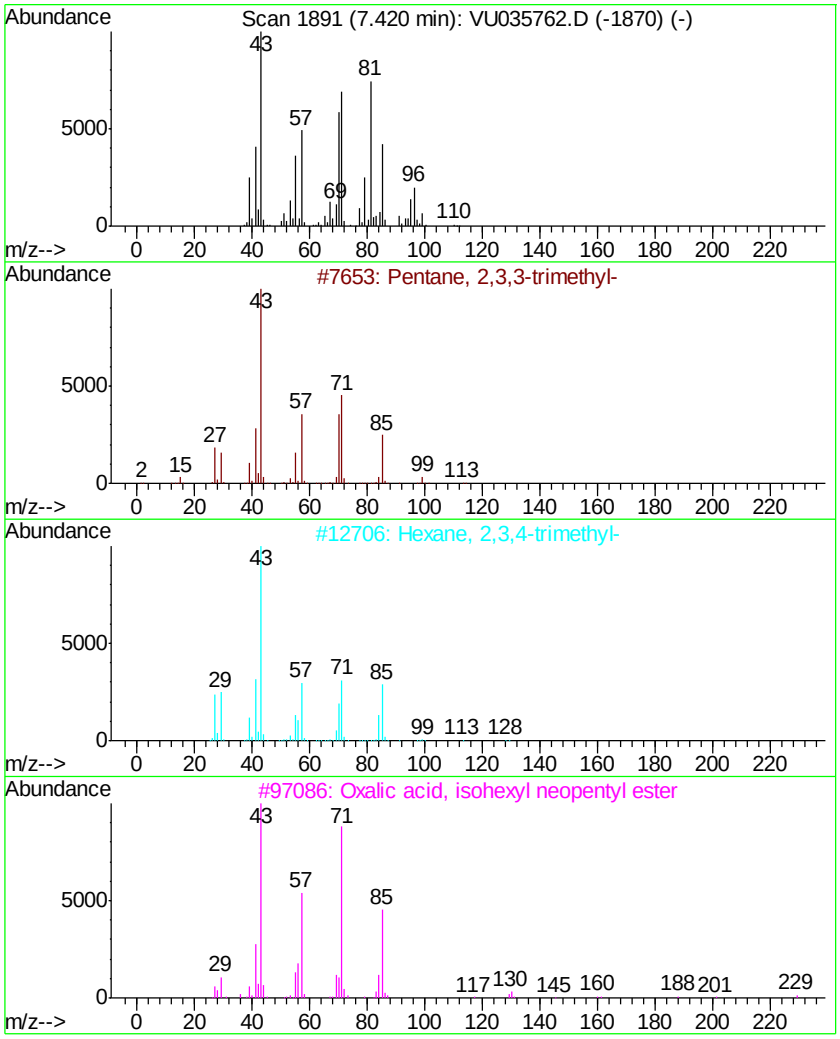
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

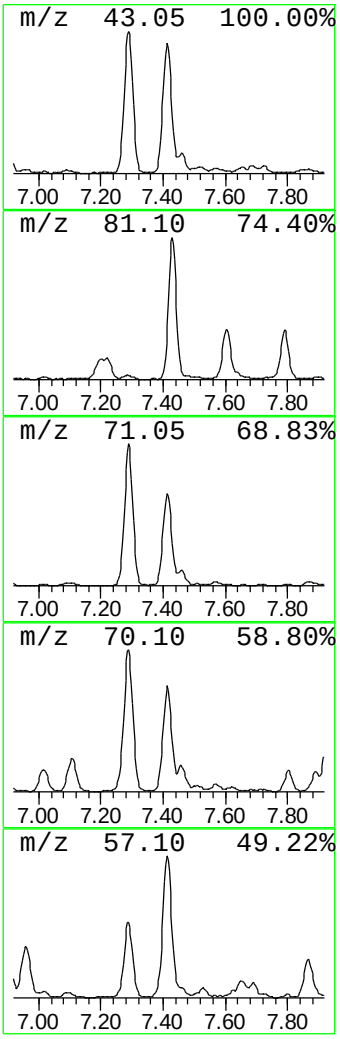
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	6.47 ug/L	667202	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
3	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43





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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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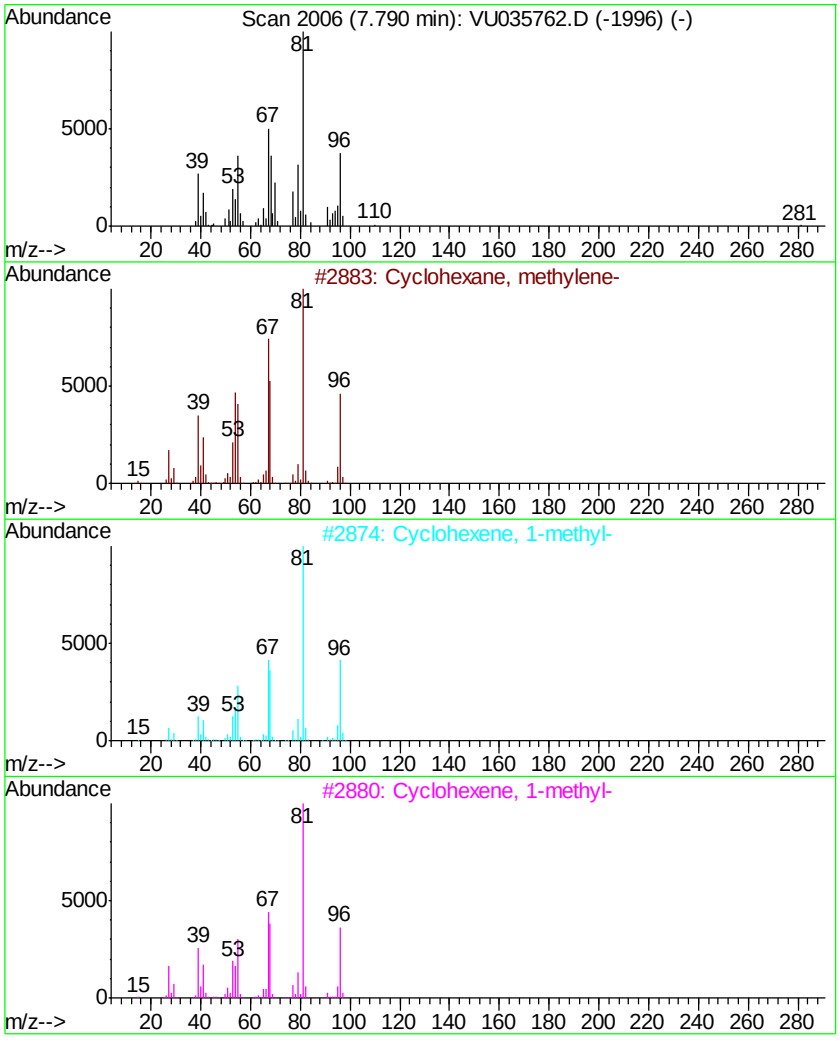
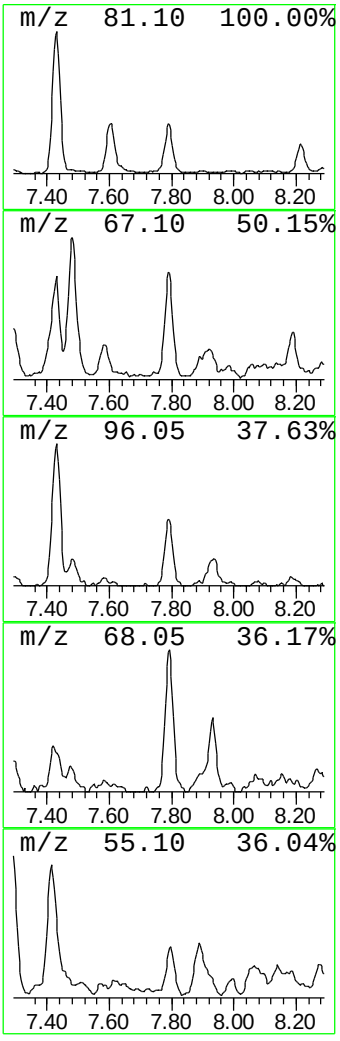
Peak Number 27 Cyclohexane, methylene- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	1.18 ug/L	121865	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methylene-	96	C7H12	001192-37-6	81
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	74
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72





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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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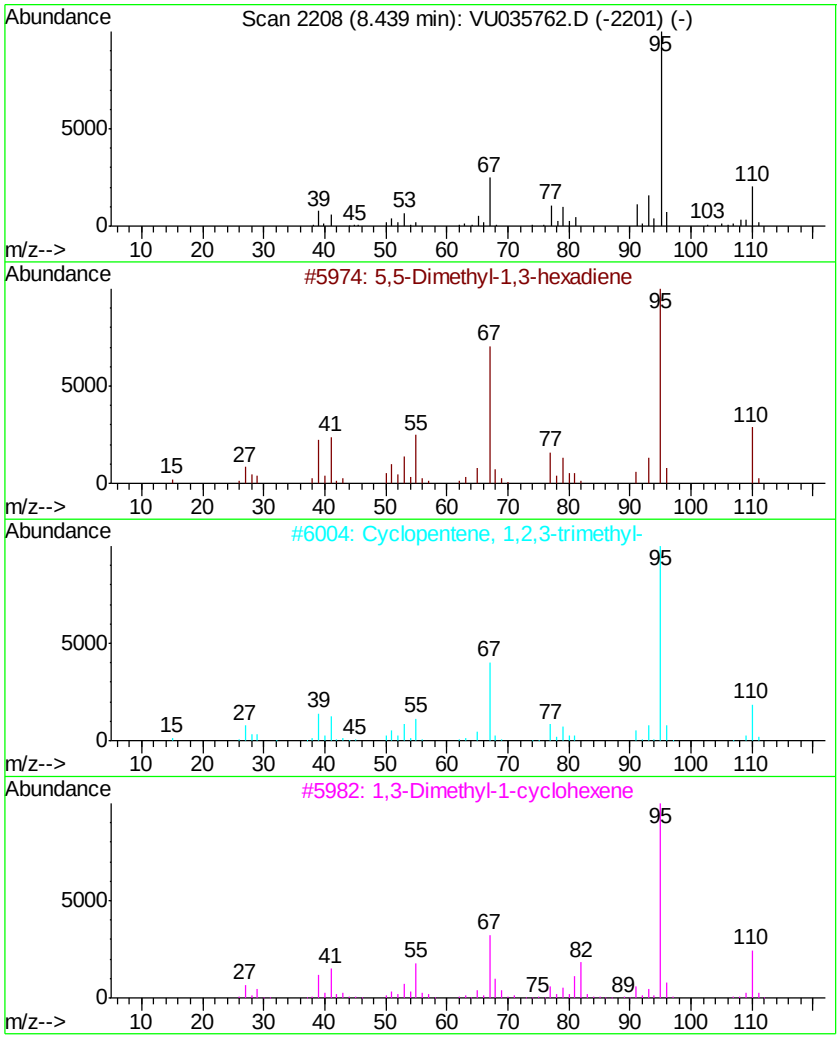
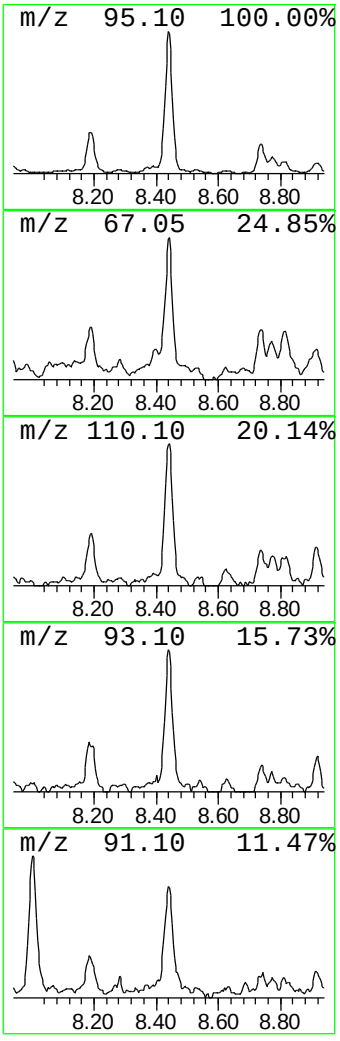
Peak Number 28 5,5-Dimethyl-1,3-hexadiene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	0.96 ug/L	131117	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
5	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	64





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Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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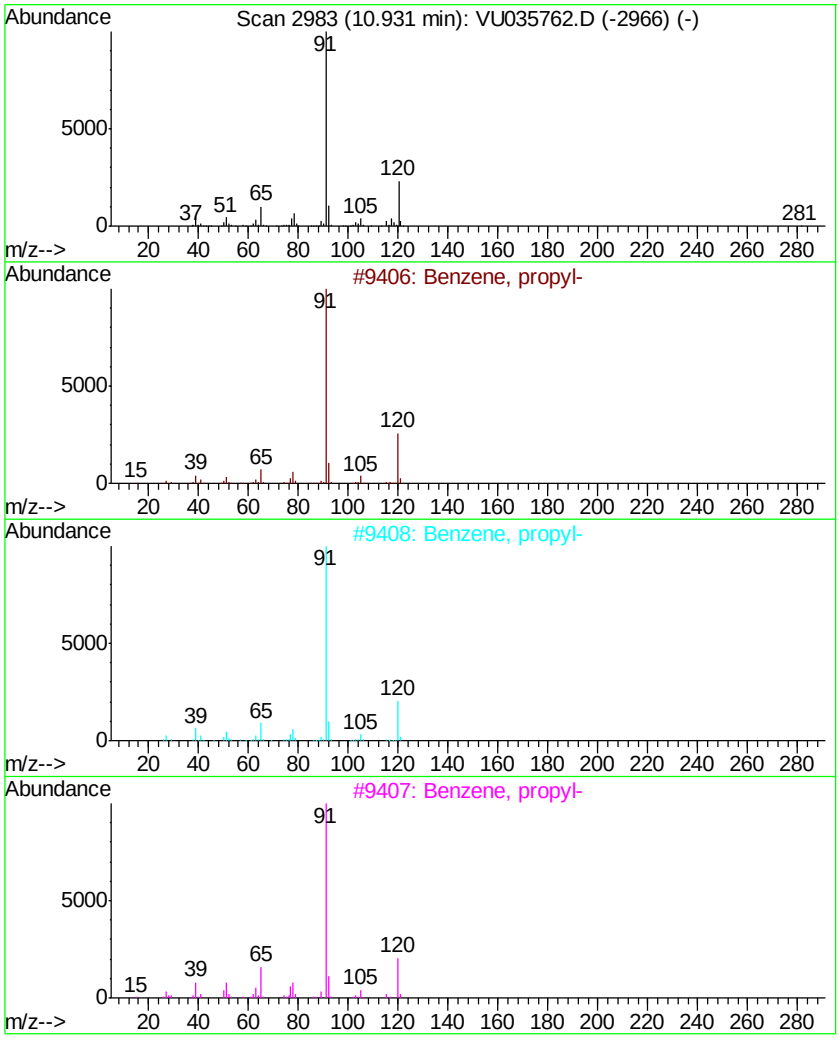
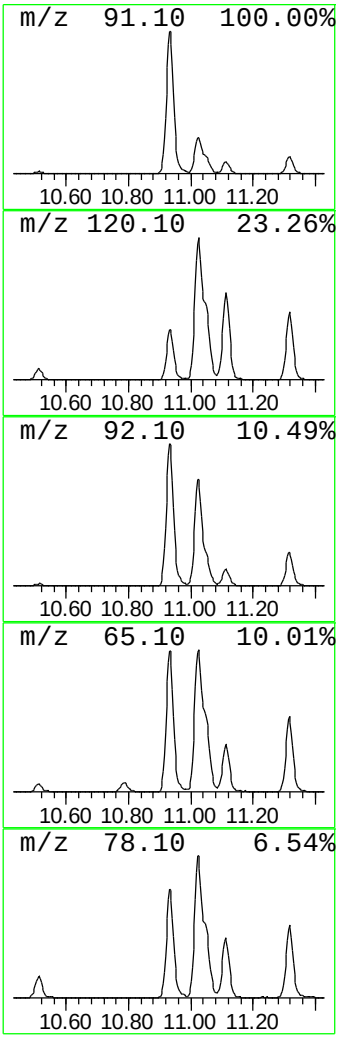
Peak Number 29 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	8.60 ug/L	1357980	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Library Search Compound Report

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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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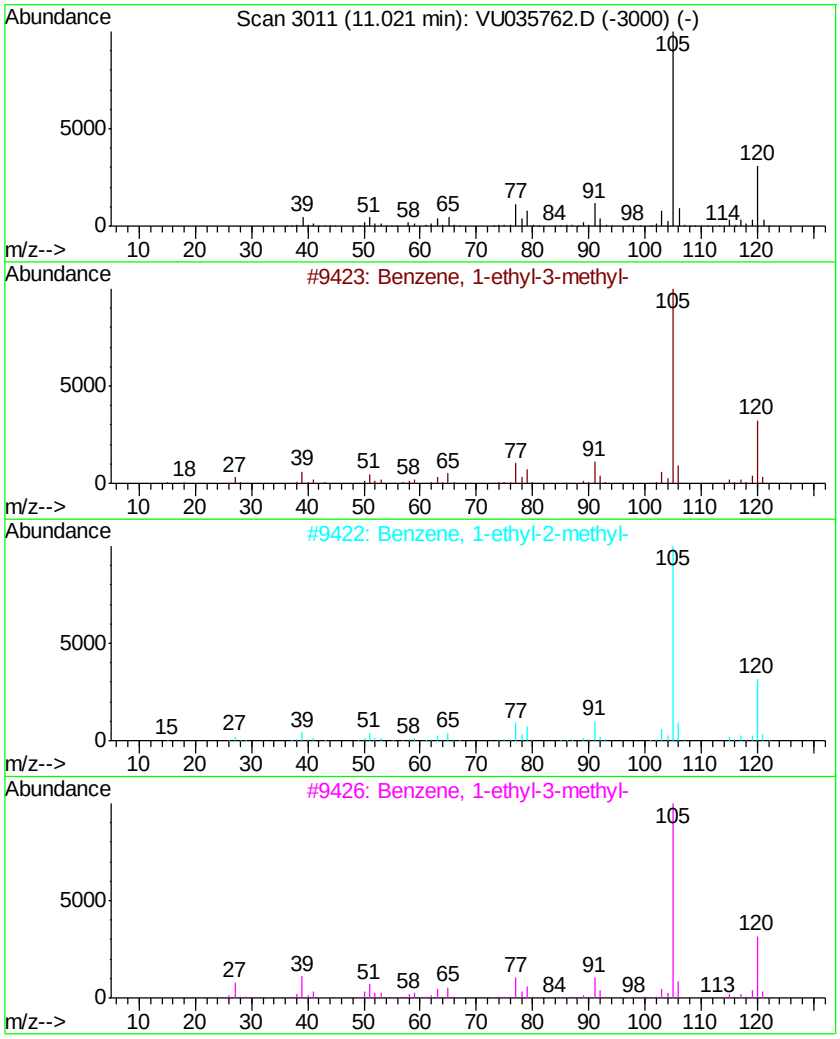
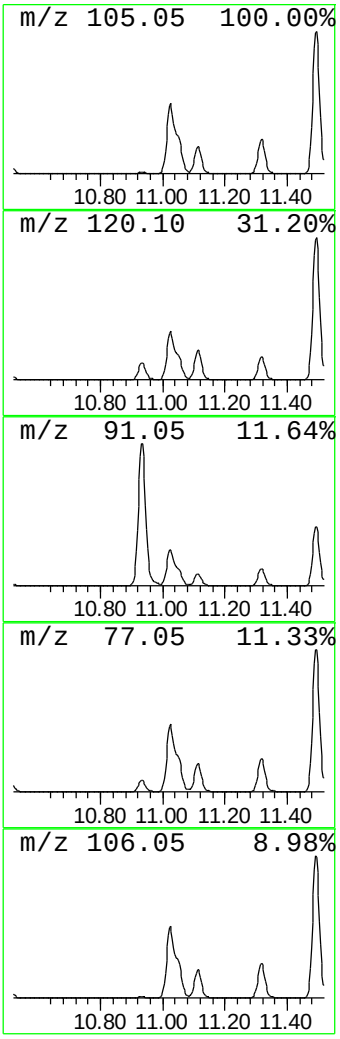
Peak Number 30 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	29.57 ug/L	4670440	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

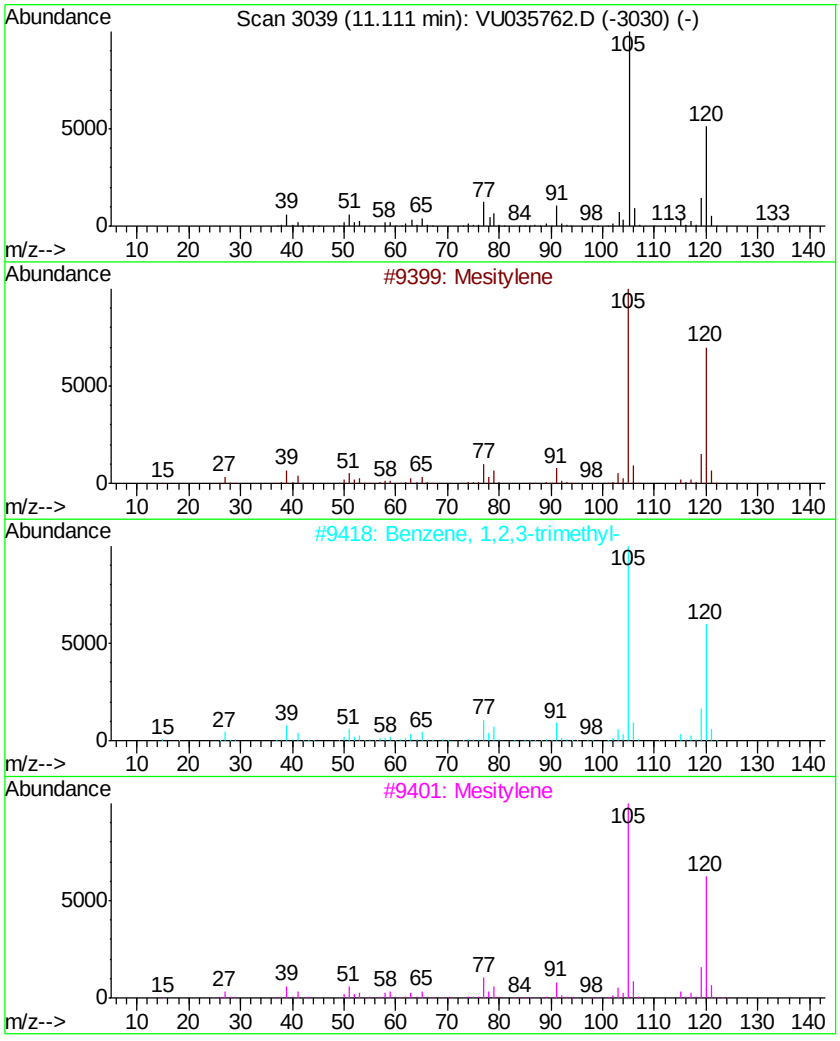
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

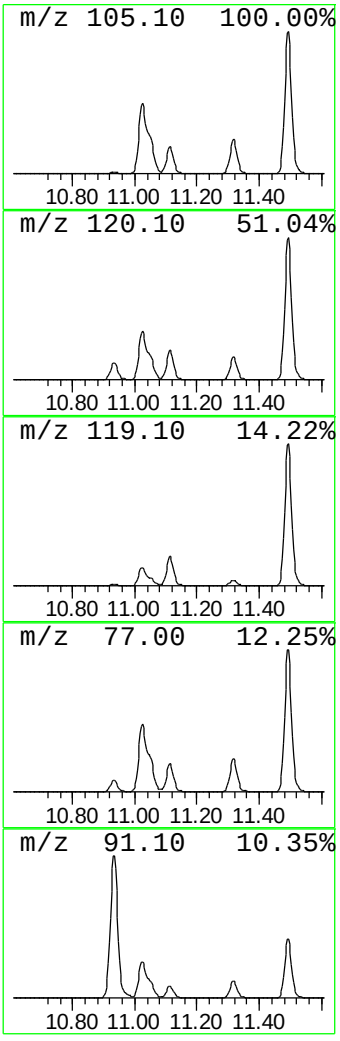
****

Peak Number 31 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	9.19 ug/L	1451710	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

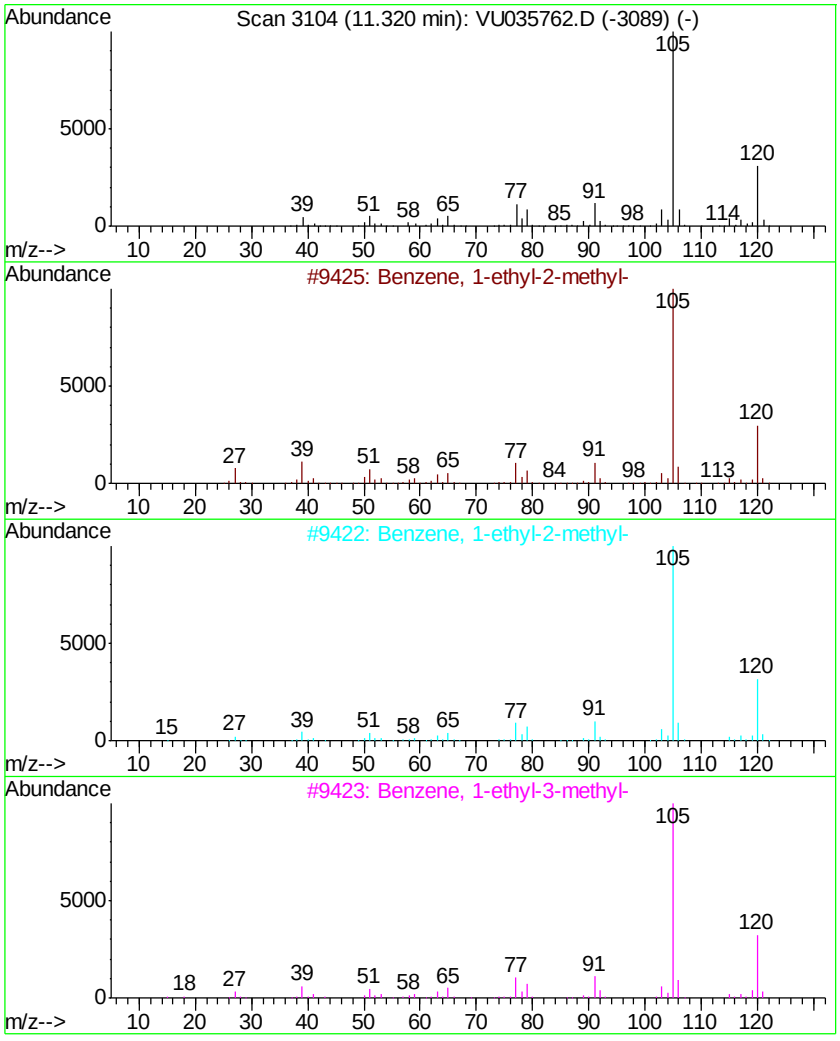
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

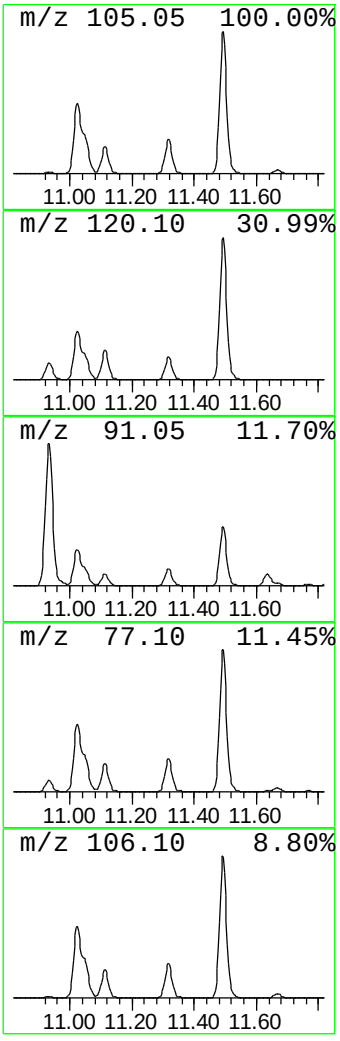
****

Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	10.33 ug/L	1630630	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

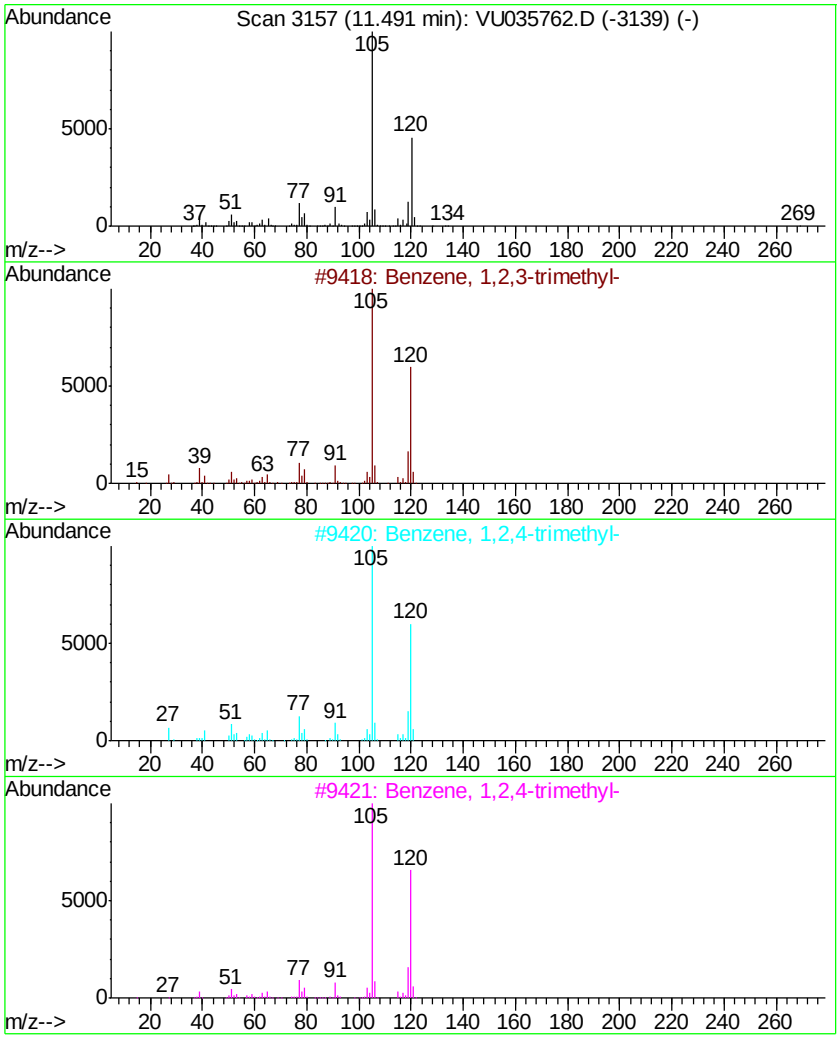
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

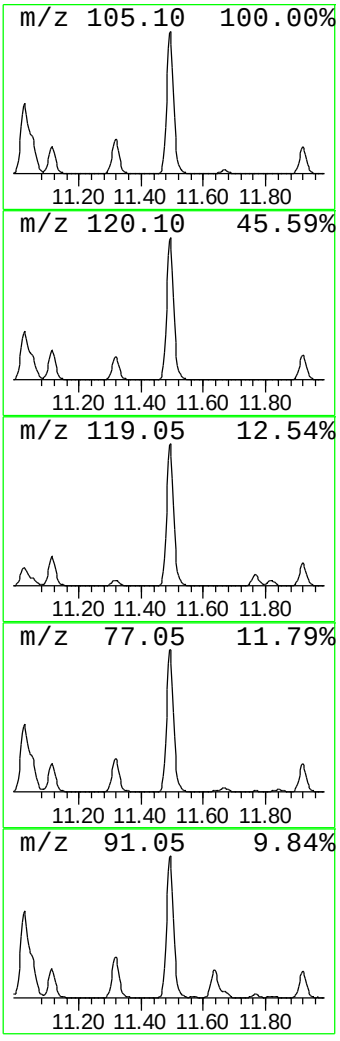
****

Peak Number 33 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	45.20 ug/L	7138810	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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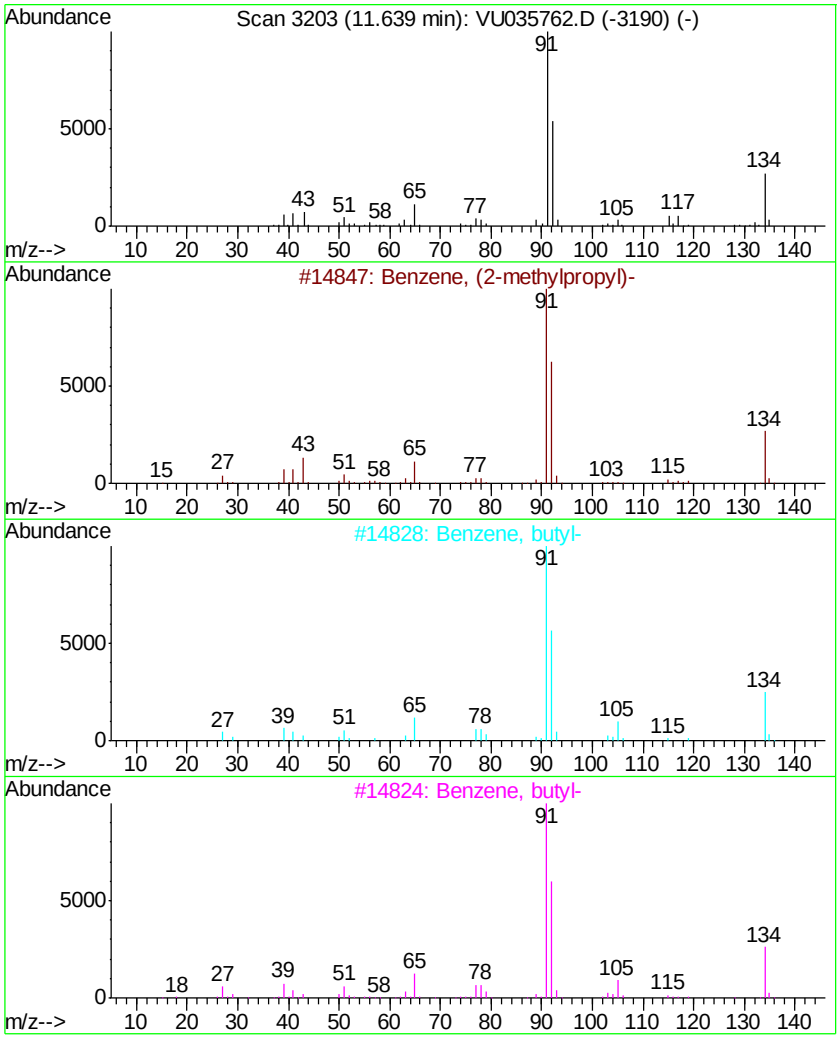
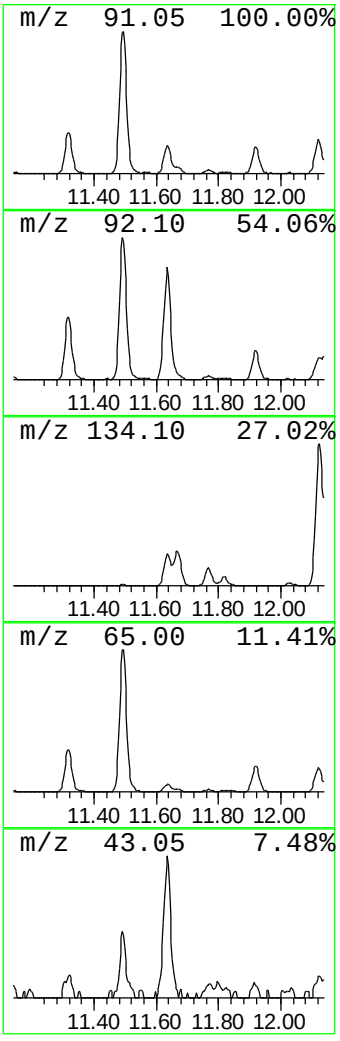
Peak Number 34 Benzene, (2-methylpropyl)- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.94 ug/L	148148	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, butyl-	134	C10H14	000104-51-8	78
3	Benzene, butyl-	134	C10H14	000104-51-8	72
4	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	52
5	Toluene	92	C7H8	000108-88-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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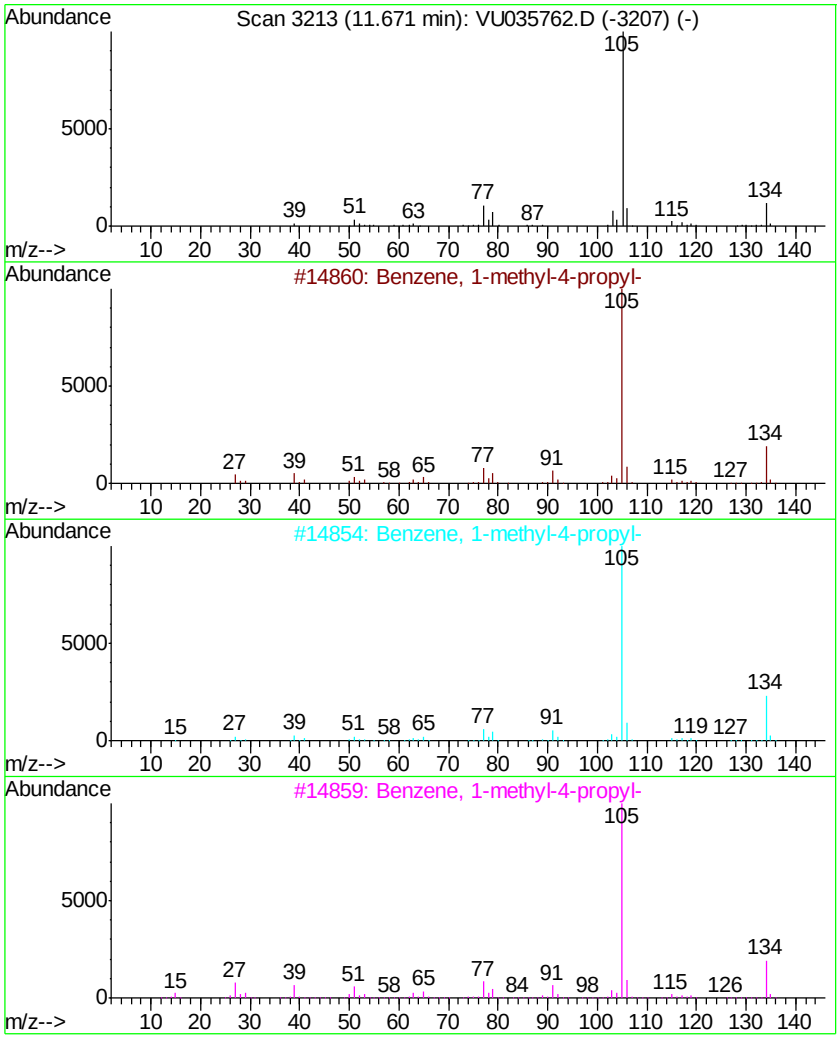
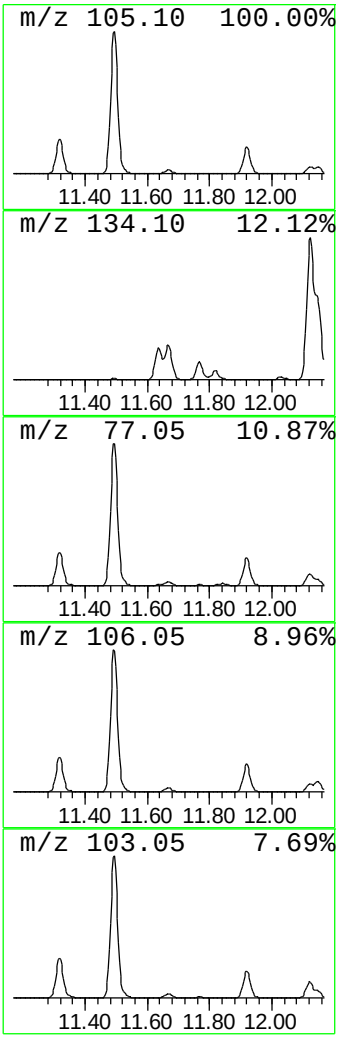
Peak Number 35 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	1.02 ug/L	161789	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

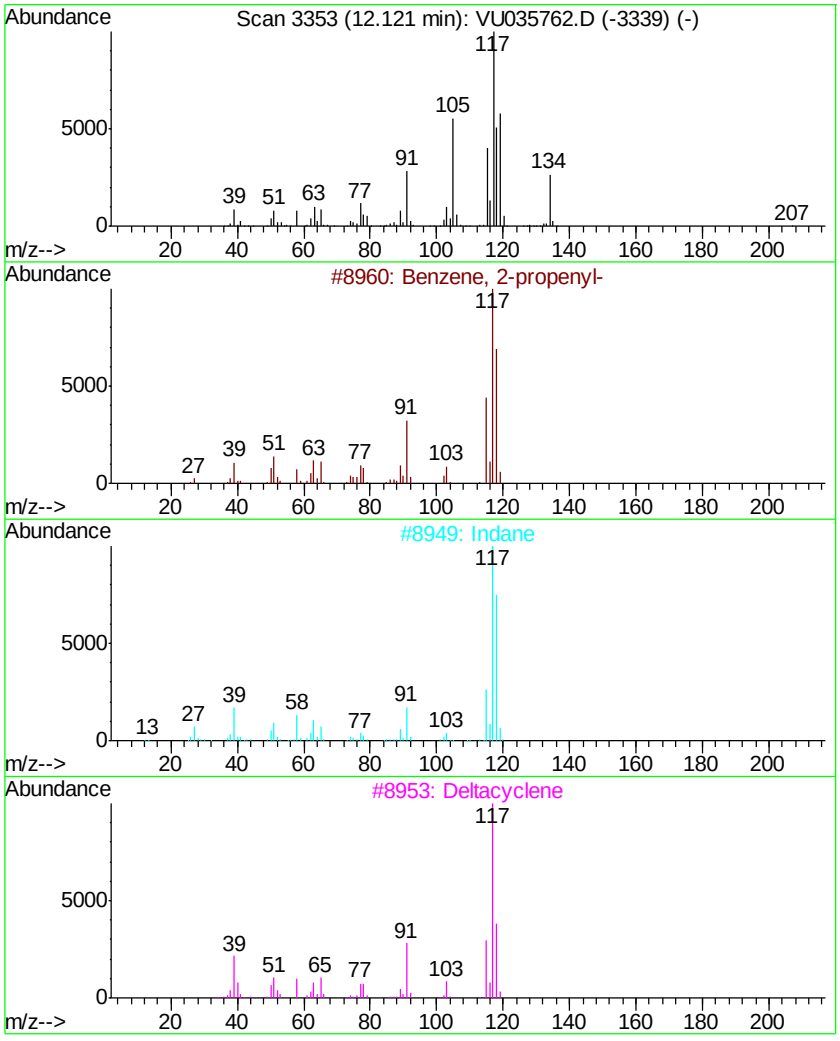
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

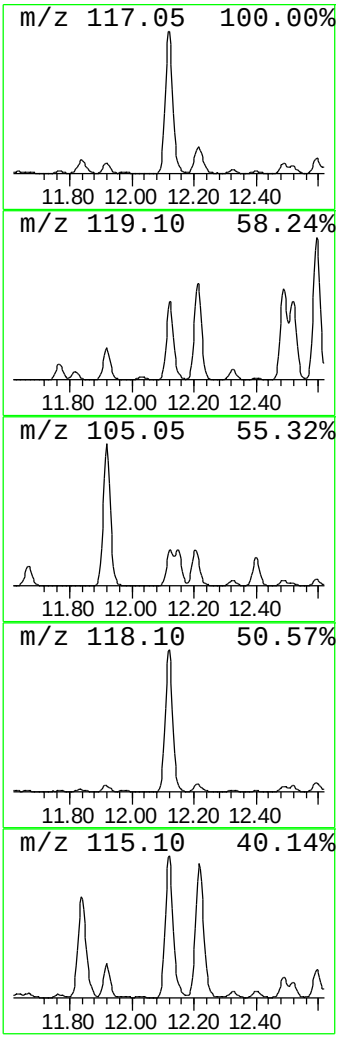
****

Peak Number 37 Benzene, 2-propenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.37 ug/L	1479950	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
2	Indane	118	C9H10	000496-11-7	55
3	Deltacyclene	118	C9H10	007785-10-6	55
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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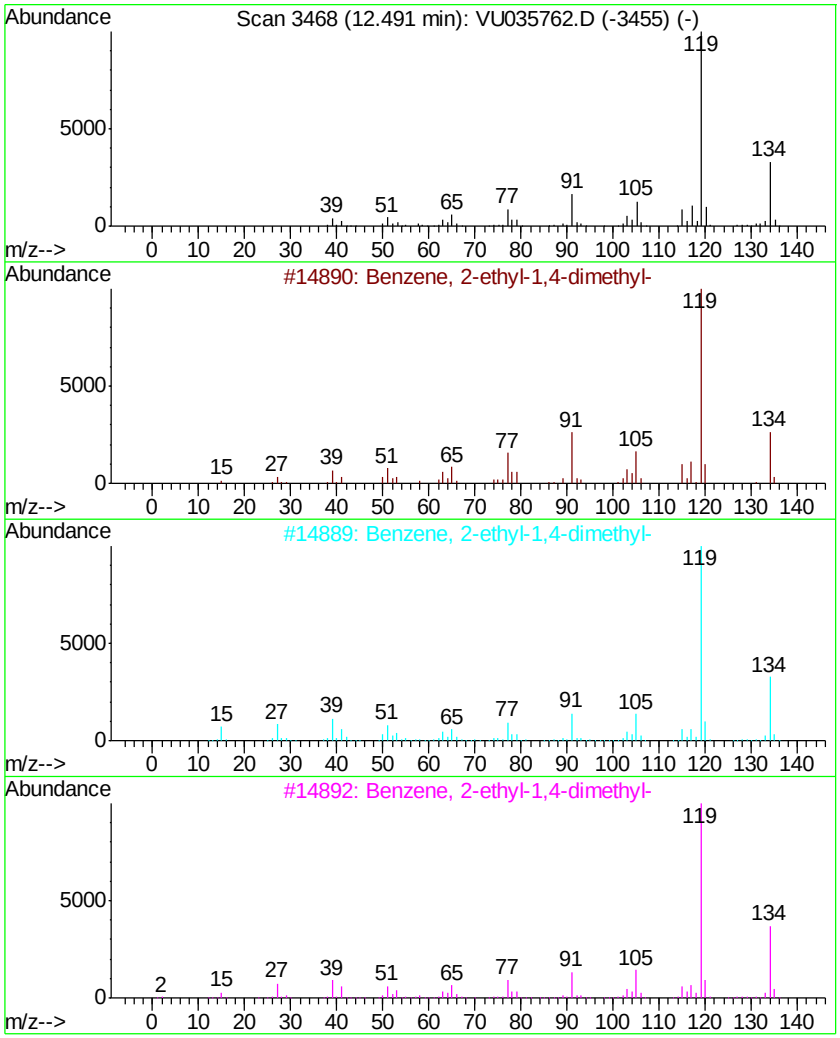
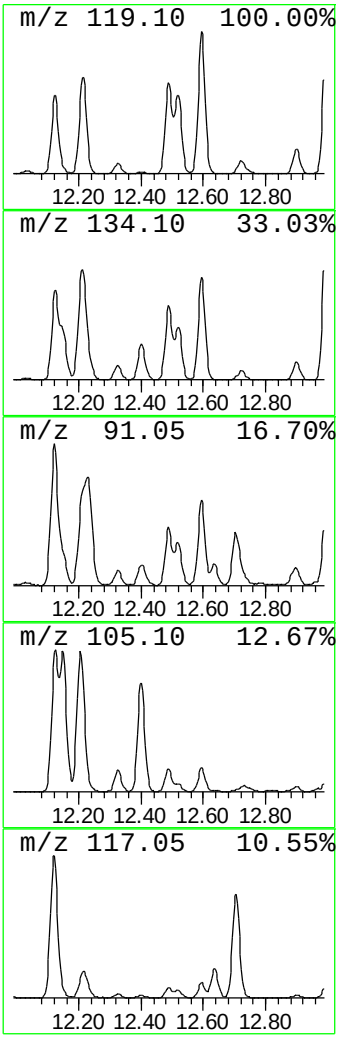
Peak Number 39 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.65 ug/L	418869	1,4-Dichlorobenzene-d4	11.84

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	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

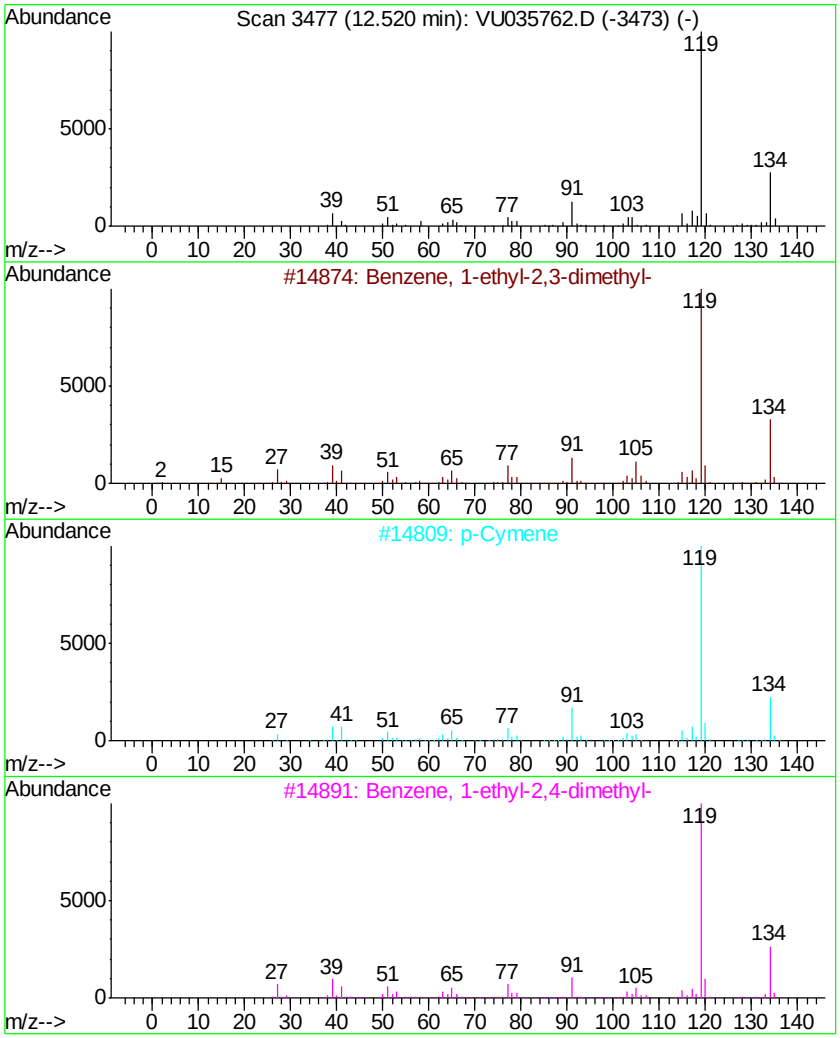
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

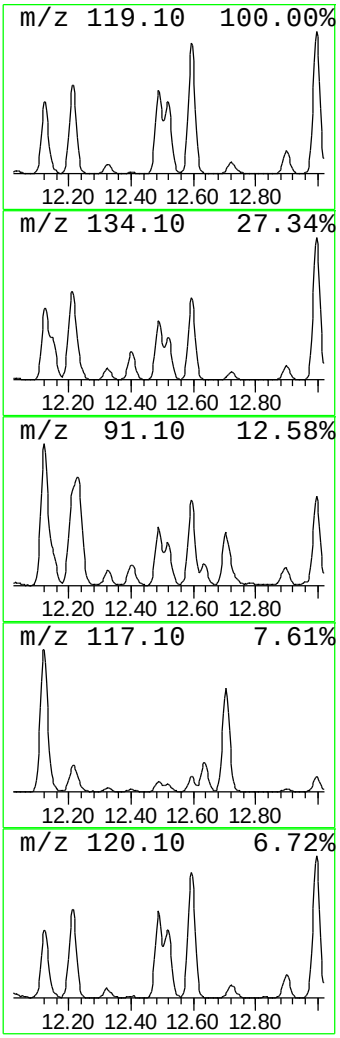
****

Peak Number 40 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	1.73 ug/L	272718	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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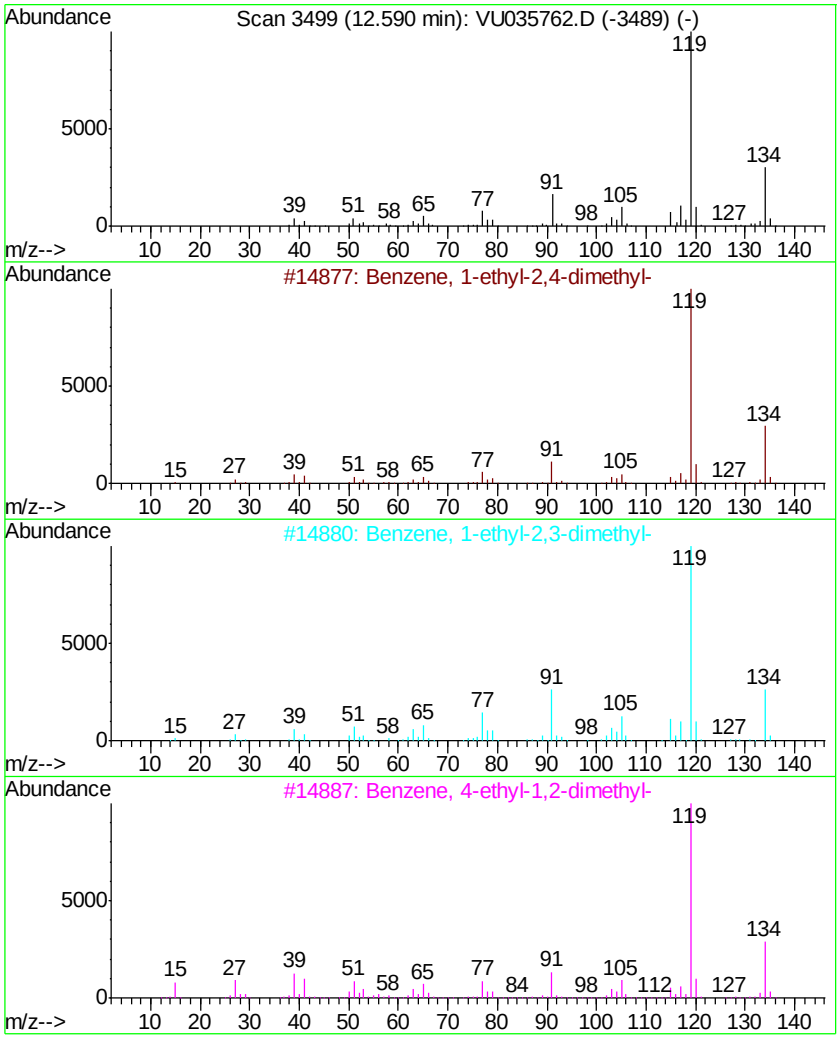
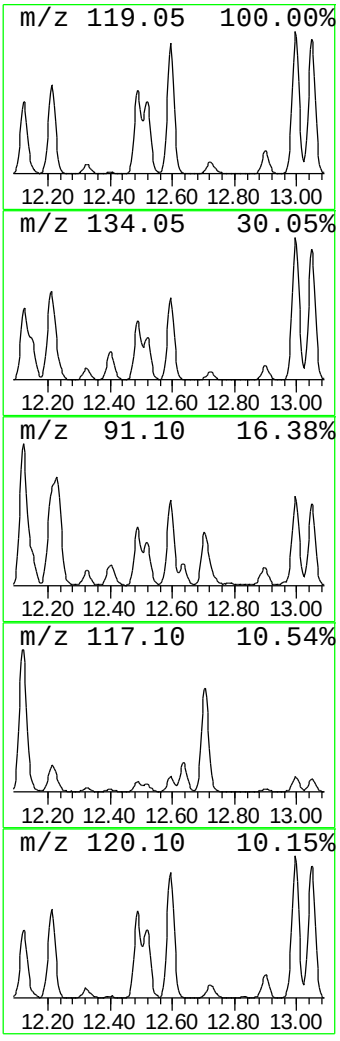
Peak Number 41 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.83 ug/L	604333	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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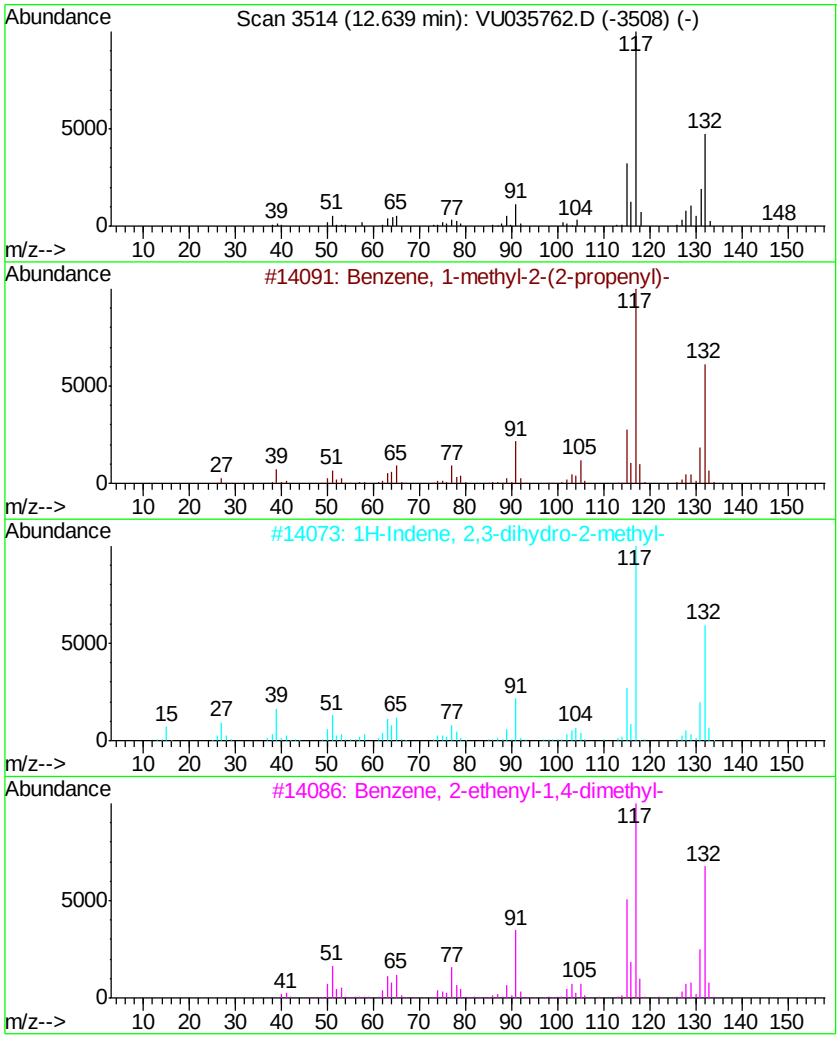
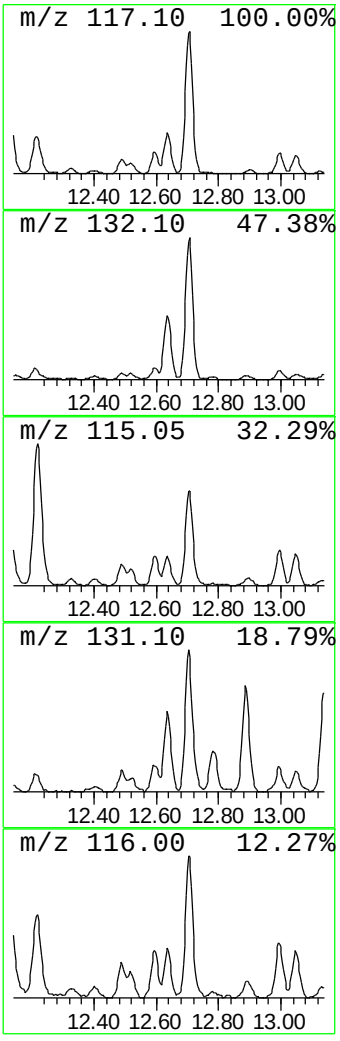
Peak Number 42 Benzene, 1-methyl-2-(2-prop... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	0.98 ug/L	155527	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	62
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	59
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	56





Library Search Compound Report

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Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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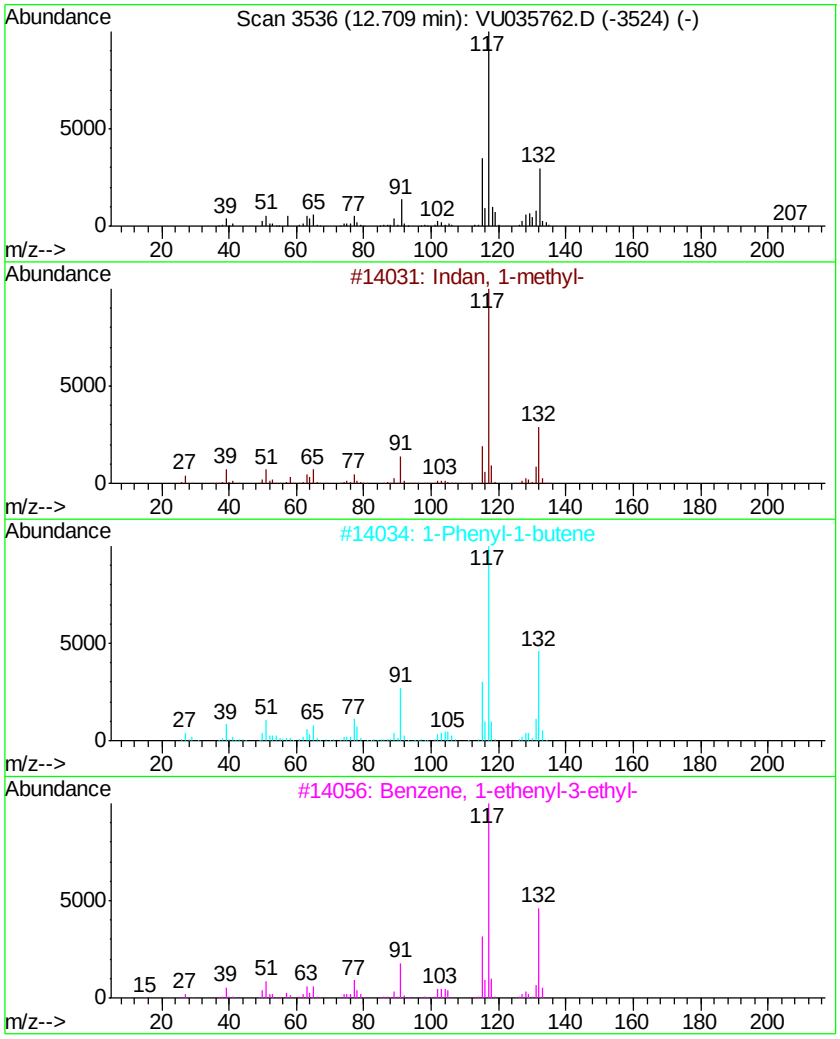
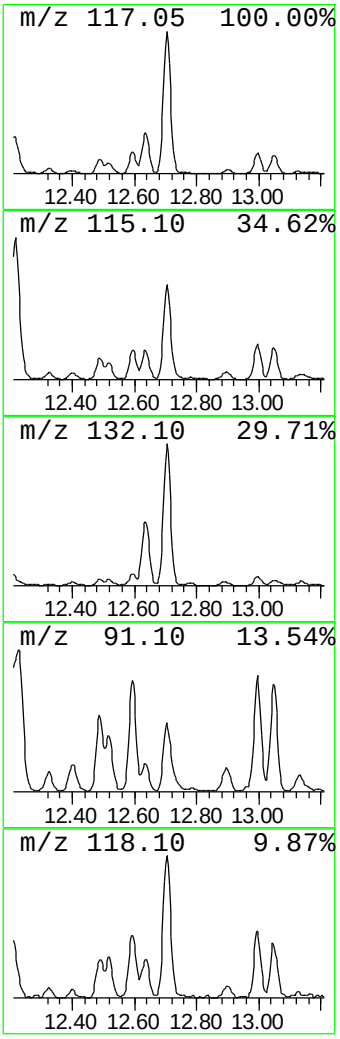
Peak Number 43 Indan, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.57 ug/L	563730	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

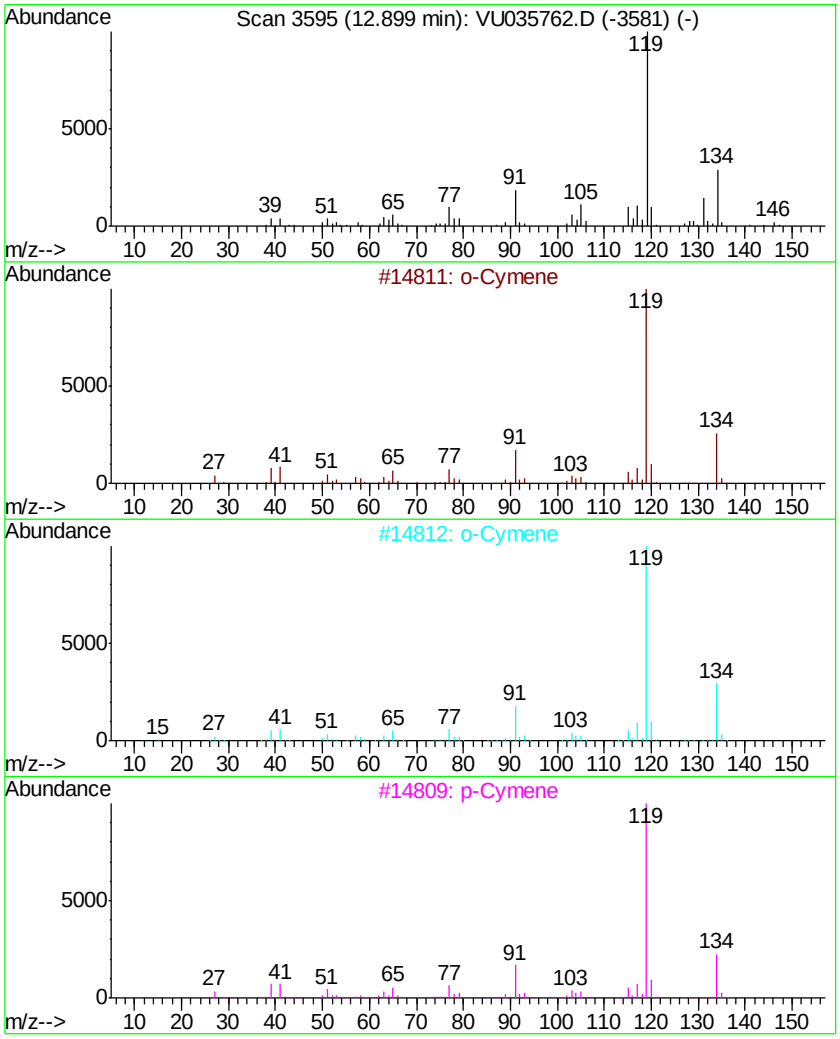
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

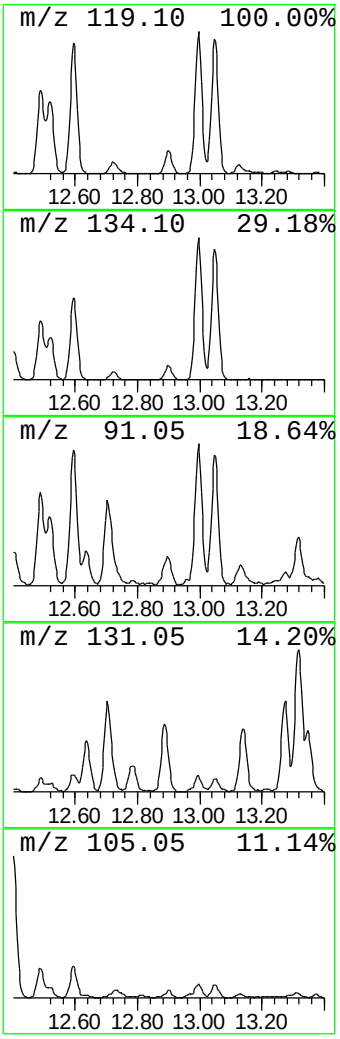
****

Peak Number 44 o-Cymene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	0.91 ug/L	143804	1,4-Dichlorobenzene-d4	11.84

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

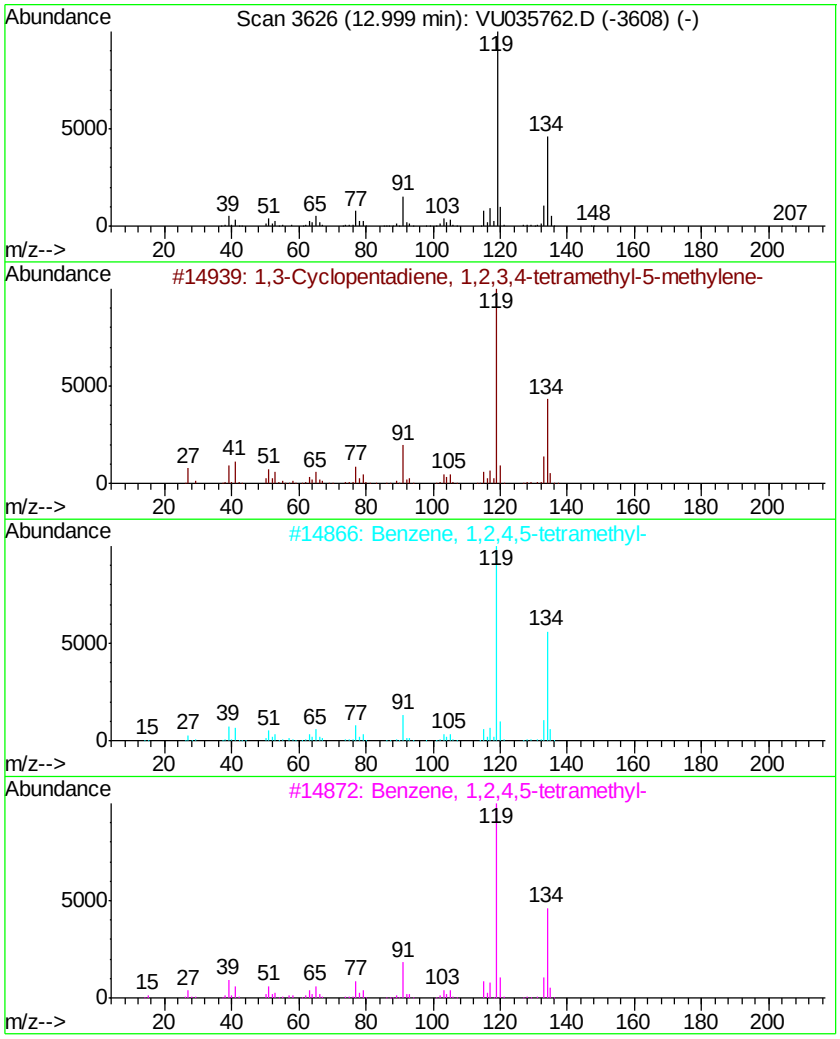
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

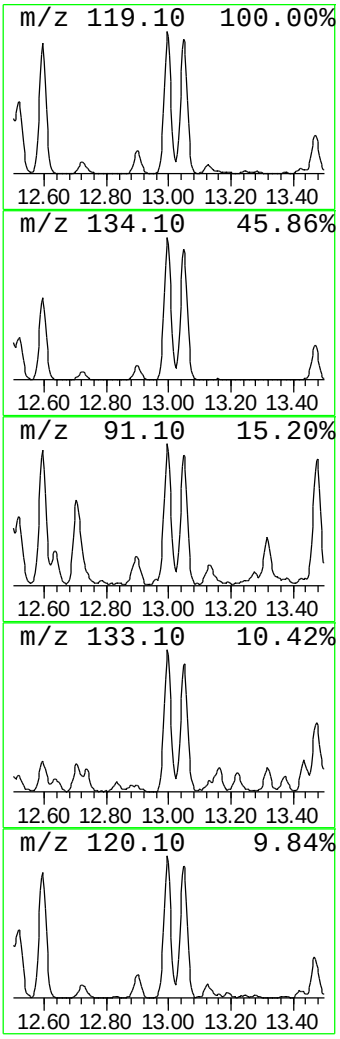
****

Peak Number 45 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.54 ug/L	717565	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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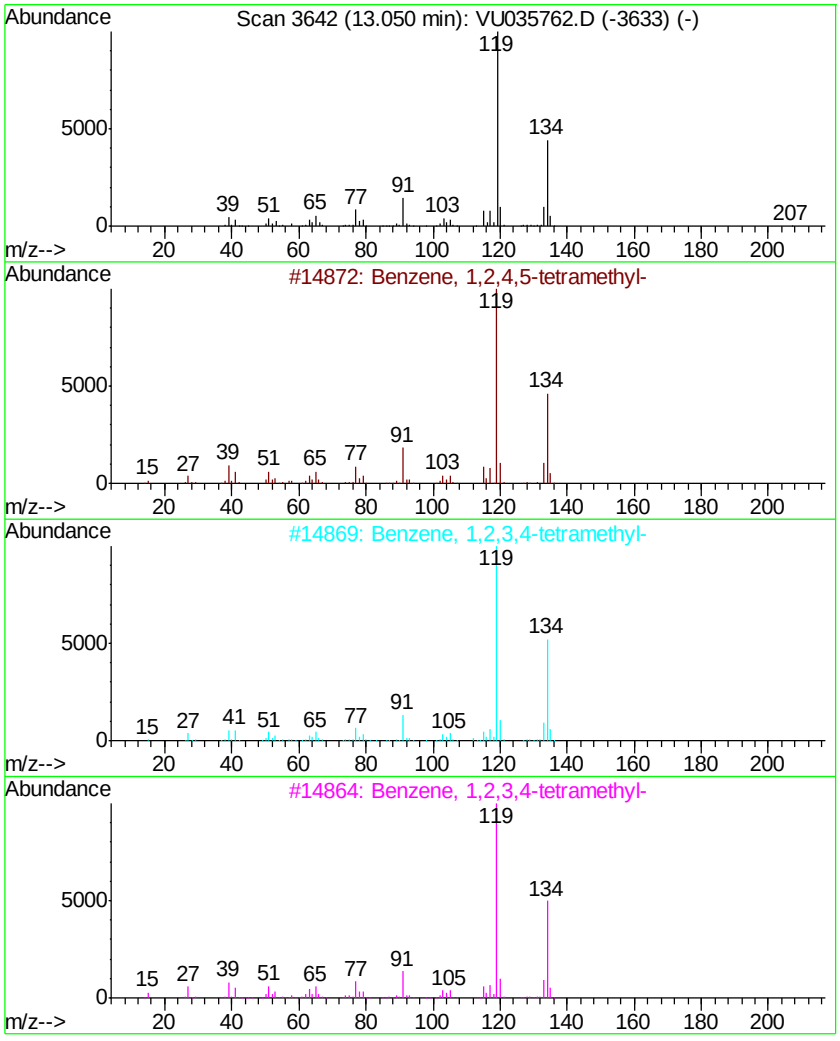
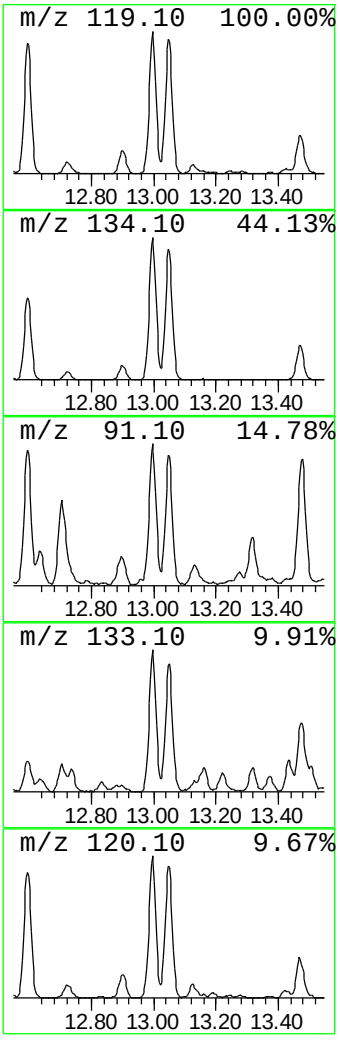
Peak Number 46 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.22 ug/L	665751	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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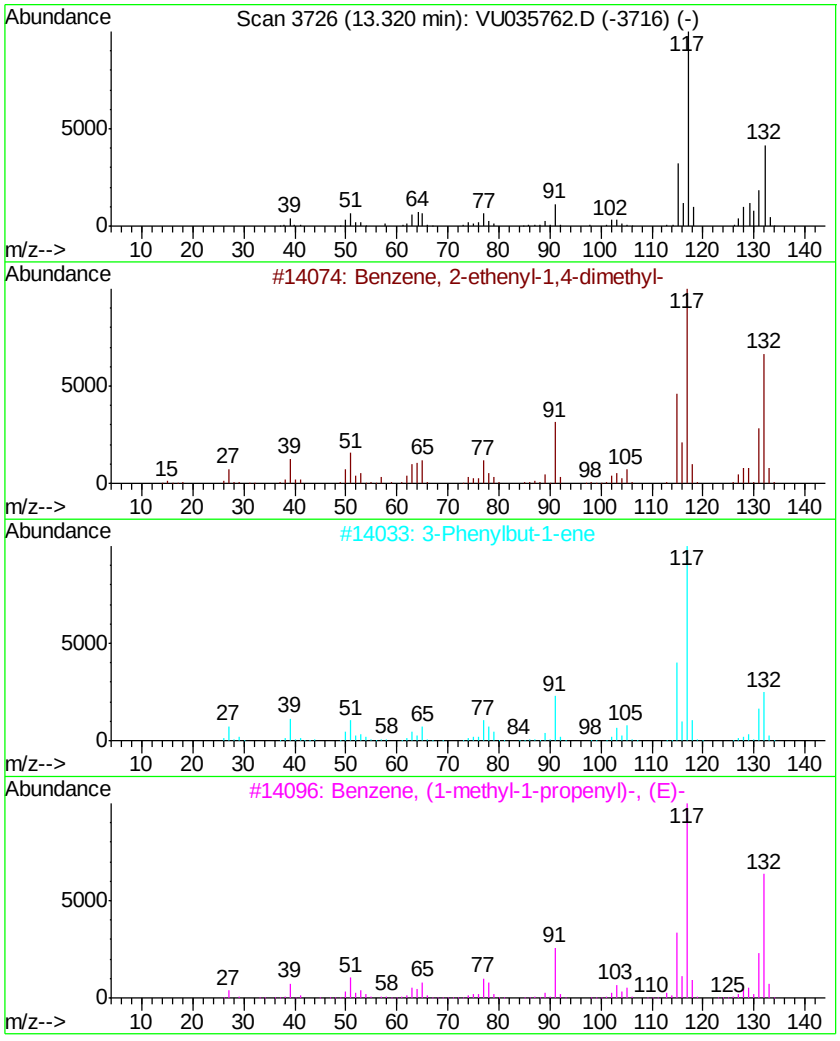
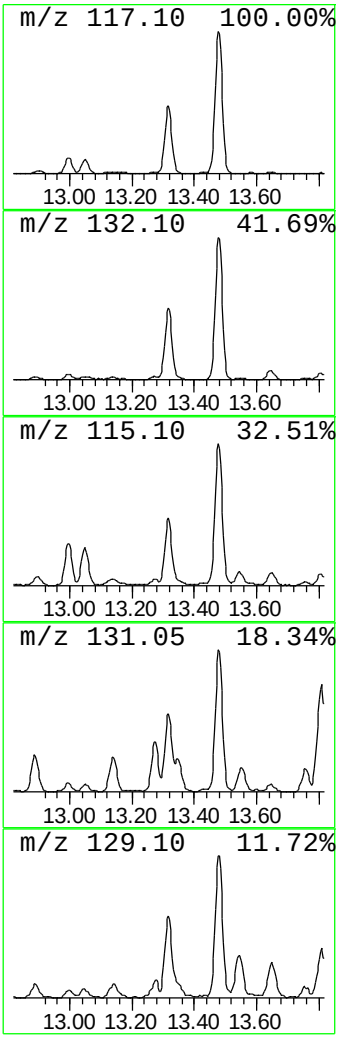
Peak Number 47 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.10 ug/L	331994	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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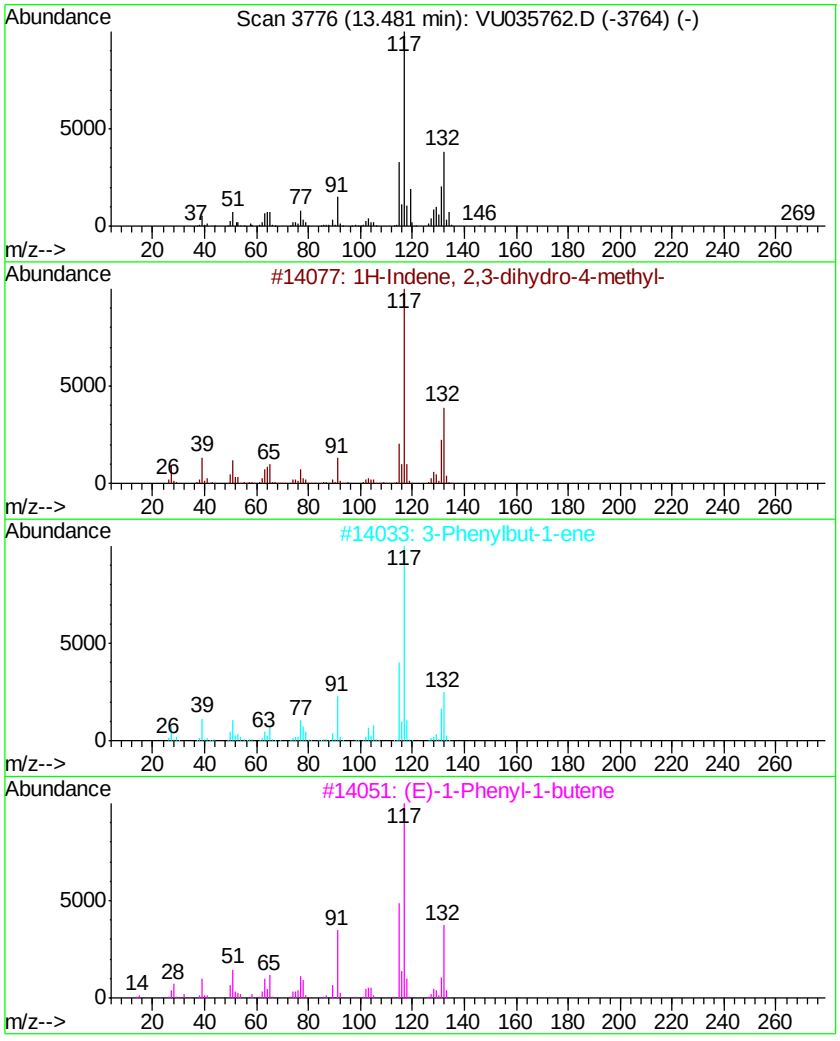
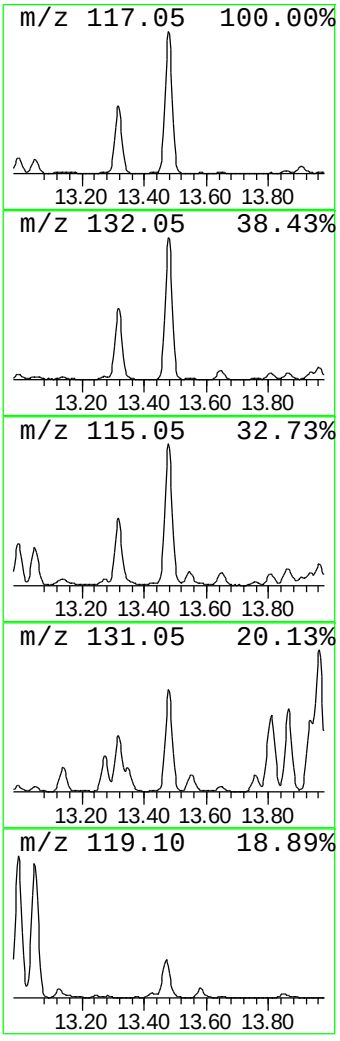
Peak Number 48 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	5.42 ug/L	856065	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

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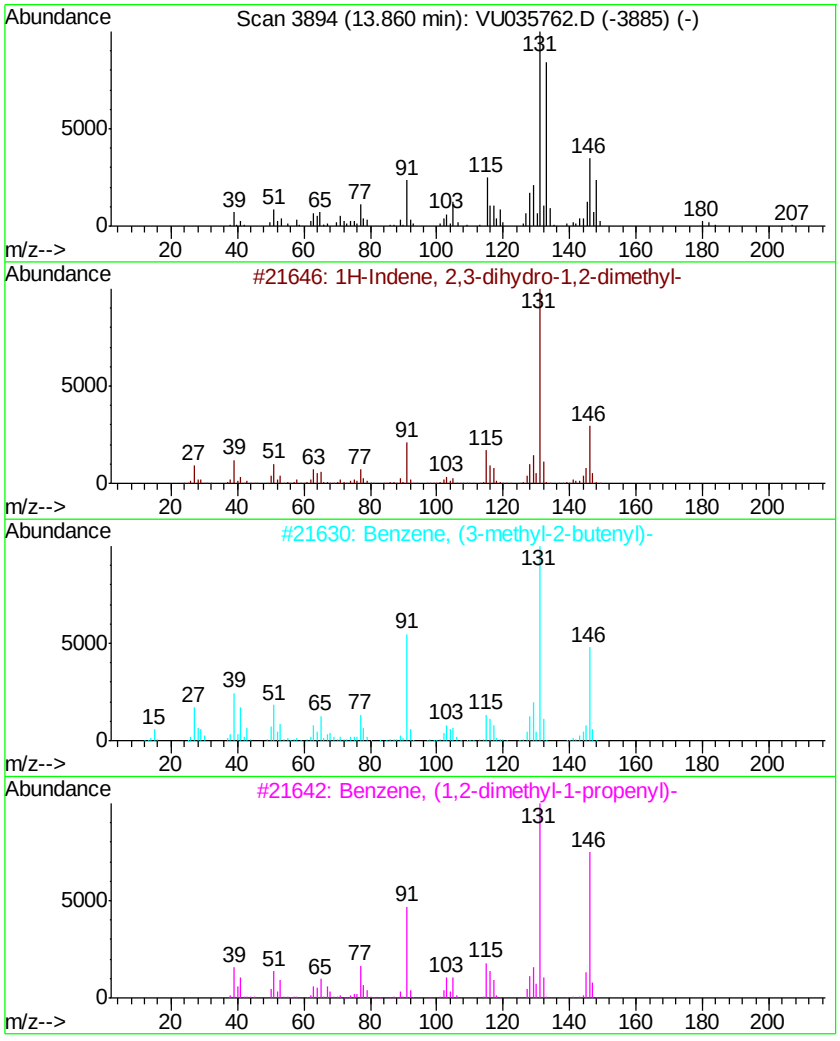
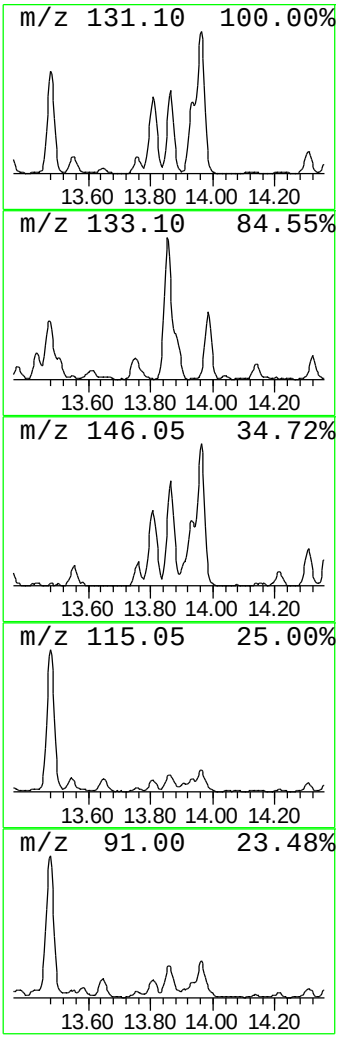
Peak Number 49 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	1.15 ug/L	181362	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035762.D
Acq On : 19 Nov 2019 11:36
Operator : JC/SP
Sample : K5910-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.02	100.2	ug/L	10338300	1	6.29	515907	5.0
(DEL) Alkane: Str...	2.23	20.3	ug/L	2091230	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	3.01	1.0	ug/L	107437	1	6.29	515907	5.0
(DEL) Alkane: Str...	3.07	18.1	ug/L	1865080	1	6.29	515907	5.0
(DEL) Alkane: Str...	3.11	15.4	ug/L	1584660	1	6.29	515907	5.0
(DEL) Alkane: Str...	3.39	23.9	ug/L	2467630	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	3.61	1.8	ug/L	183961	1	6.29	515907	5.0
(DEL) Alkane: Str...	3.74	4.0	ug/L	410070	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	3.87	1.4	ug/L	147615	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	3.96	2.3	ug/L	232278	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	4.02	2.9	ug/L	303325	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	4.13	2.1	ug/L	216913	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	4.24	1.4	ug/L	141018	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	4.38	3.5	ug/L	360673	1	6.29	515907	5.0
(DEL) Alkane: Str...	4.47	4.1	ug/L	421977	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	4.57	22.7	ug/L	2344720	1	6.29	515907	5.0
(DEL) Alkane: Str...	5.50	10.0	ug/L	1033140	1	6.29	515907	5.0
(DEL) Alkane: Str...	5.63	1.9	ug/L	198103	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	5.68	1.0	ug/L	103561	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	5.89	3.6	ug/L	368288	1	6.29	515907	5.0
(DEL) Alkane: Str...	5.94	12.2	ug/L	1261220	1	6.29	515907	5.0
(DEL) Alkane: Cyc...	6.02	2.5	ug/L	255693	1	6.29	515907	5.0
3,5-Dimethylcyclo...	6.60	1.8	ug/L	186539	1	6.29	515907	5.0
(DEL) Alkane: Str...	7.29	3.9	ug/L	404511	1	6.29	515907	5.0
(DEL) Alkane: Str...	7.42	6.5	ug/L	667202	1	6.29	515907	5.0
Cyclohexane, meth...	7.79	1.2	ug/L	121865	1	6.29	515907	5.0
5,5-Dimethyl-1,3-...	8.44	1.0	ug/L	131117	2	9.45	682454	5.0
Benzene, propyl-	10.93	8.6	ug/L	1357980	3	11.84	789617	5.0
Benzene, 1-ethyl-...	11.02	29.6	ug/L	4670440	3	11.84	789617	5.0
Mesitylene	11.11	9.2	ug/L	1451710	3	11.84	789617	5.0
Benzene, 1-ethyl-...	11.32	10.3	ug/L	1630630	3	11.84	789617	5.0
Benzene, 1,2,3-tr...	11.49	45.2	ug/L	7138810	3	11.84	789617	5.0
Benzene, (2-methy...	11.64	0.9	ug/L	148148	3	11.84	789617	5.0
Benzene, 1-methyl...	11.67	1.0	ug/L	161789	3	11.84	789617	5.0
Benzene, 2-propenyl-	12.12	9.4	ug/L	1479950	3	11.84	789617	5.0
Benzene, 2-ethyl-...	12.49	2.6	ug/L	418869	3	11.84	789617	5.0
Benzene, 1-ethyl-...	12.52	1.7	ug/L	272718	3	11.84	789617	5.0
Benzene, 1-ethyl-...	12.59	3.8	ug/L	604333	3	11.84	789617	5.0
Benzene, 1-methyl...	12.64	1.0	ug/L	155527	3	11.84	789617	5.0
Indan, 1-methyl-	12.71	3.6	ug/L	563730	3	11.84	789617	5.0
o-Cymene	12.90	0.9	ug/L	143804	3	11.84	789617	5.0
1,3-Cyclopentadie...	13.00	4.5	ug/L	717565	3	11.84	789617	5.0
Benzene, 1,2,4,5-...	13.05	4.2	ug/L	665751	3	11.84	789617	5.0
Benzene, 2-etheny...	13.32	2.1	ug/L	331994	3	11.84	789617	5.0
1H-Indene, 2,3-di...	13.48	5.4	ug/L	856065	3	11.84	789617	5.0
1H-Indene, 2,3-di...	13.86	1.1	ug/L	181362	3	11.84	789617	5.0