LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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	2.012	197	209	264	rBV2	91595385	184151680	100.00%	11.895%
2	2.224	265	275	302	rVB2	35615614	49891826	27.09%	3.223%
3	2.623	379	399	439	rVB	16679280	32375483	17.58%	2.091%
4	3.006	500	518	525	rBV4	1121061	2902040	1.58%	0.187%
5	3.073	525	539	545	rVV	21121769	44648017	24.25%	2.884%
6	3.112	546	551	564	rVB	23064267	40749771	22.13%	2.632%
7	3.398	620	640	675	rVB	26952357	59916853	32.54%	3.870%
8	3.613	691	707	728	rVB	1465700	3433312	1.86%	0.222%
9	3.739	728	746	770	rVB	5105509	11255731	6.11%	0.727%
10	3.877	771	789	800	rBV	1456700	3356747	1.82%	0.217%
11	3.961	800	815	824	rBV	2577541	5955522	3.23%	0.385%
12	4.022	825	834	852	rVB	2801812	6470782	3.51%	0.418%
13	4.134	853	869	885	rBV	1927410	4742909	2.58%	0.306%
14	4.240	885	902	916	rBV2	1563609	3743746	2.03%	0.242%
15	4.379	919	945	960	rBV2	2623058	7416508	4.03%	0.479%
16	4.478	961	976	991	rBV	4296443	10516413	5.71%	0.679%
17	4.578	991	1007	1023	rBV	22721311	53126983	28.85%	3.432%
18	5.173	1163	1192	1203	rBV4	1434792	4346913	2.36%	0.281%
19	5.430	1253	1272	1284	rBV2	11347664	28431266	15.44%	1.837%
20	5.504	1284	1295	1319	rVB	10795074	25645799	13.93%	1.657%
21	5.633	1320	1335	1343	rBV	2609884	5578348	3.03%	0.360%
22	5.678	1345	1349	1364	rVB2	1569120	2773050	1.51%	0.179%
23	5.890	1403	1415	1422	rVV	5079509	10659352	5.79%	0.689%
24	5.944	1422	1432	1448	rVV2	12763912	33390024	18.13%	2.157%
25	6.028	1448	1458	1471	rVB2	2800711	6157748	3.34%	0.398%
26	6.170	1489	1502	1511	rBV	1183874	2232935	1.21%	0.144%
27	6.333	1529	1553	1577	rBV6	2968237	9229871	5.01%	0.596%
28	6.600	1620	1636	1666	rVB4	1386992	3716363	2.02%	0.240%
29	6.797	1666	1697	1710	rBV4	6239864	18587985	10.09%	1.201%
30	6.903	1720	1730	1740	rVB	1359064	2433539	1.32%	0.157%
31	7.015	1756	1765	1777	rVB	1443709	2577293	1.40%	0.166%
32	7.292	1837	1851	1866	rVB	5329265	10731017	5.83%	0.693%
33	7.420	1867	1891	1912	rBV3	6286745	15910024	8.64%	1.028%
34	7.793	1997	2007	2020	rVB4	1574495	3041164	1.65%	0.196%

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Operator : JC/SP
Sample : K5910-20
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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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	7.890	2021	2037	2044	rBV3	990511	2438829	1.32%	0.158%
36	8.398	2178	2195	2201	rBV2	1162428	2354555	1.28%	0.152%
37	8.440	2201	2208	2231	rVB	1911174	3367124	1.83%	0.217%
38	9.600	2558	2569	2592	rVB	9477306	15016486	8.15%	0.970%
39	9.726	2594	2608	2623	rBV	20510443	34186870	18.56%	2.208%
40	10.128	2722	2733	2763	rVB	2343041	3921664	2.13%	0.253%
41	10.510	2840	2852	2873	rBV	6121220	9661014	5.25%	0.624%
42	10.935	2966	2984	3000	rBV2	25031258	39449678	21.42%	2.548%
43	11.031	3000	3014	3031	rVV2	47157012	112862965	61.29%	7.290%
44	11.118	3031	3041	3067	rVB	23765396	35907230	19.50%	2.319%
45	11.320	3089	3104	3132	rVB2	27074380	42438703	23.05%	2.741%
46	11.507	3134	3162	3175	rBV3	84354305	154450197	83.87%	9.977%
47	11.636	3189	3202	3207	rBV	2735506	4223653	2.29%	0.273%
48	11.668	3207	3212	3231	rVB	3083535	4582810	2.49%	0.296%
49	11.767	3231	3243	3252	rBV	1496708	2324229	1.26%	0.150%
50	11.822	3252	3260	3277	rVB3	965715	2223949	1.21%	0.144%
51	11.922	3277	3291	3303	rBV	25215728	38928052	21.14%	2.515%
52	12.121	3338	3353	3370	rBV2	22721049	43777365	23.77%	2.828%
53	12.211	3370	3381	3399	rVB6	13894081	26851648	14.58%	1.734%
54	12.327	3406	3417	3427	rVB	1875913	2880609	1.56%	0.186%
55	12.401	3427	3440	3455	rVB	5131109	8395696	4.56%	0.542%
56	12.488	3455	3467	3473	rBV	9568020	15481908	8.41%	1.000%
57	12.520	3473	3477	3488	rVB	7269311	9621137	5.22%	0.621%
58	12.594	3488	3500	3508	rBV	13752776	20962564	11.38%	1.354%
59	12.635	3508	3513	3524	rVB	3252318	4716949	2.56%	0.305%
60	12.706	3524	3535	3553	rBV2	9623883	16723518	9.08%	1.080%
61	12.899	3582	3595	3606	rVB2	3095185	5243556	2.85%	0.339%
62	12.996	3606	3625	3634	rBV	18573690	28564909	15.51%	1.845%
63	13.050	3634	3642	3655	rVB	15236577	22533592	12.24%	1.456%
64	13.131	3655	3667	3681	rBV3	1658011	3768887	2.05%	0.243%
65	13.314	3716	3724	3739	rVB	8434627	12646168	6.87%	0.817%
66	13.478	3764	3775	3787	rVV3	18387472	31592768	17.16%	2.041%
67	13.542	3787	3795	3801	rVV3	1188750	2312863	1.26%	0.149%
68	13.581	3801	3807	3819	rVV	1253690	2078183	1.13%	0.134%
69	13.645	3819	3827	3844	rVB2	1834493	3027299	1.64%	0.196%
70	13.754	3846	3861	3868	rBV2	1097647	1970004	1.07%	0.127%
71	13.806	3868	3877	3884	rVV	2879923	4987798	2.71%	0.322%

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

72	13.857	3884	3893	3908	rVV4	5706395	11982053	6.51%	0.774%
73	13.934	3910	3917	3919	rVV	2369841	3309386	1.80%	0.214%
74	13.963	3920	3926	3942	rVB2	4819575	8967667	4.87%	0.579%
75	14.108	3955	3971	3995	rBV	2723069	5173988	2.81%	0.334%
76	14.307	4016	4033	4043	rBV2	2035701	3741740	2.03%	0.242%
77	14.365	4043	4051	4061	rVB	2119287	3186246	1.73%	0.206%
78	14.504	4083	4094	4110	rBV	2958523	4626586	2.51%	0.299%
79	14.687	4140	4151	4164	rBV	2663010	4792314	2.60%	0.310%
80	14.828	4186	4195	4206	rBV	1246303	1987700	1.08%	0.128%
81	14.896	4207	4216	4228	rVB2	1940049	3104802	1.69%	0.201%
82	15.243	4294	4324	4336	rBV	3336635	5960276	3.24%	0.385%
83	15.430	4370	4382	4393	rBV	2919250	4699056	2.55%	0.304%

Sum of corrected areas: 1548104257

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
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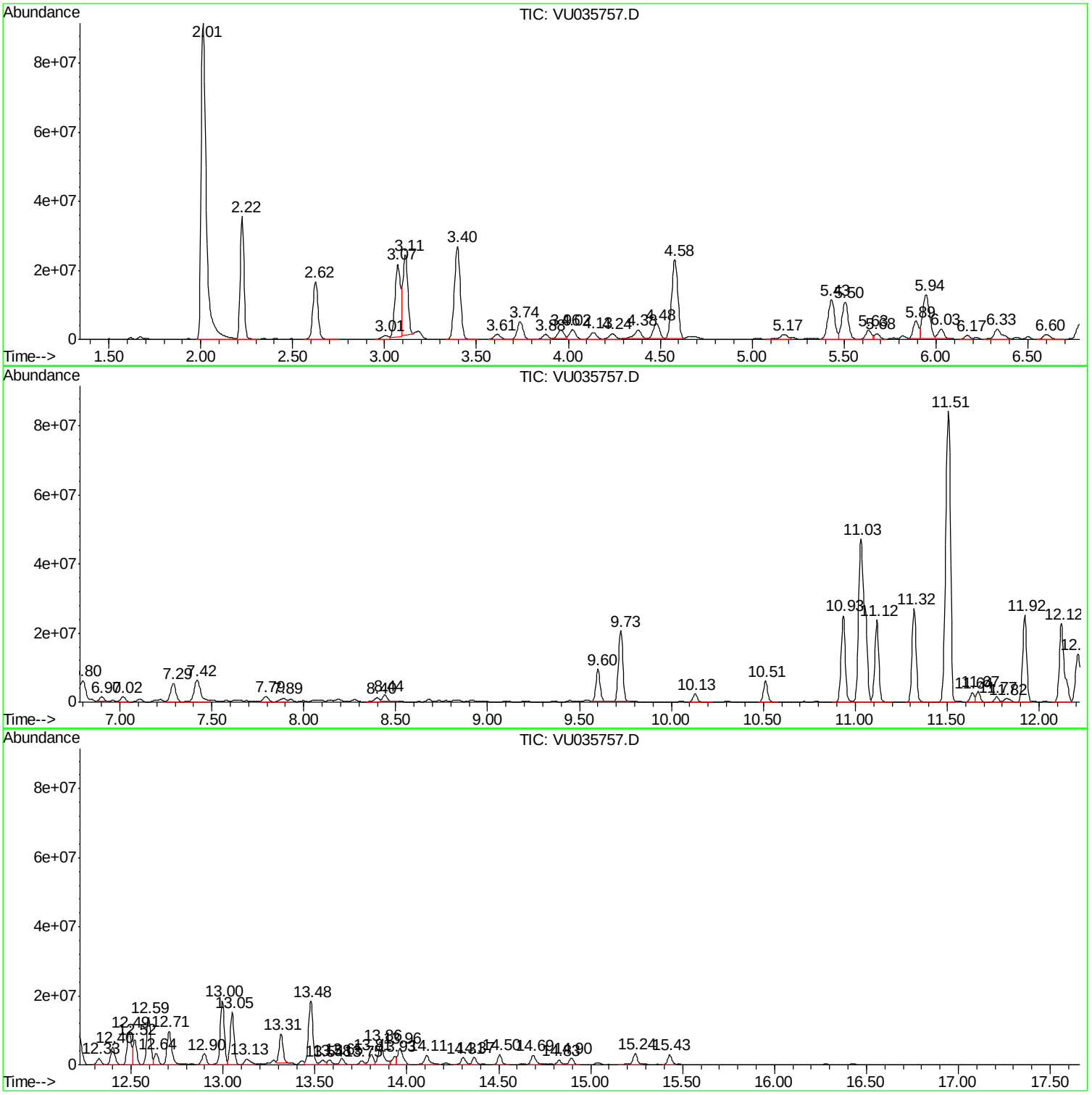
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

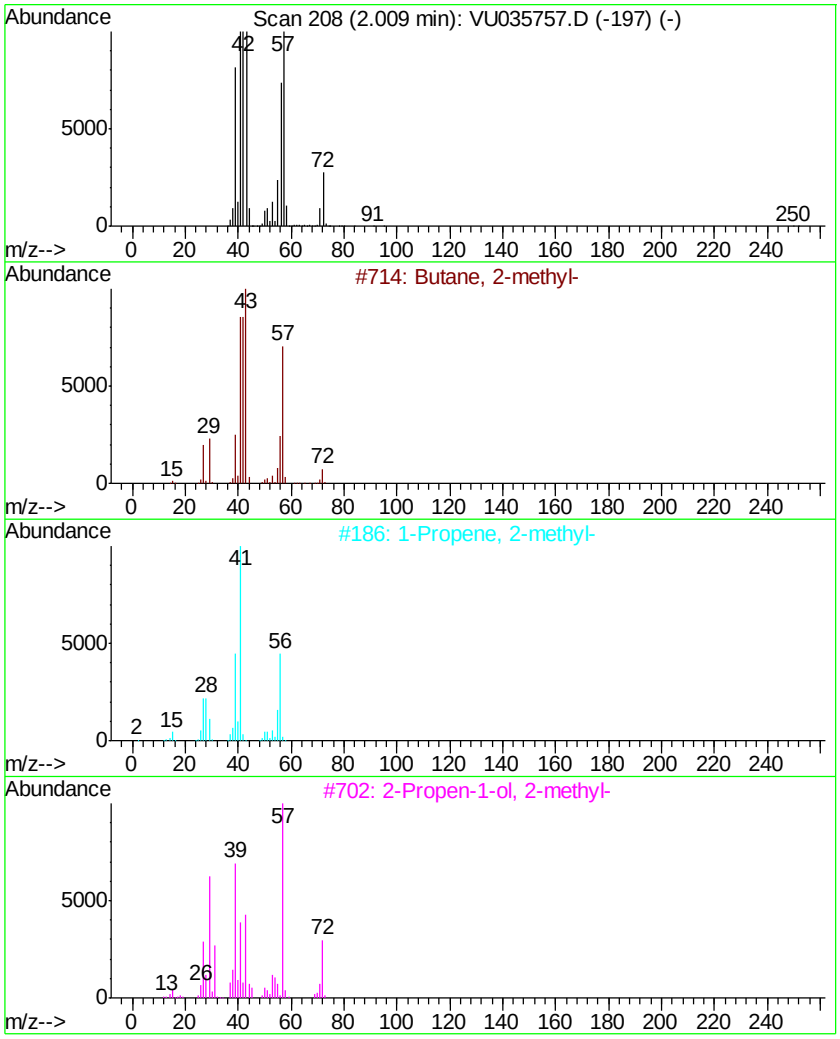
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

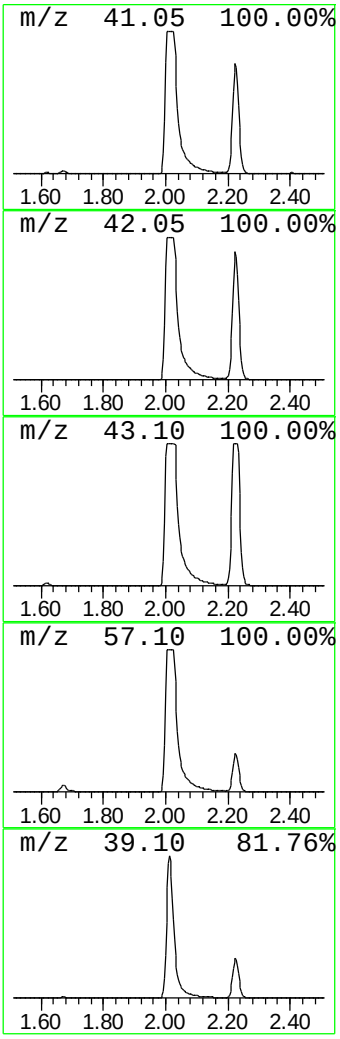
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	99.76 ug/L	184152000	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	72
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	59
3	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	50
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	11
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

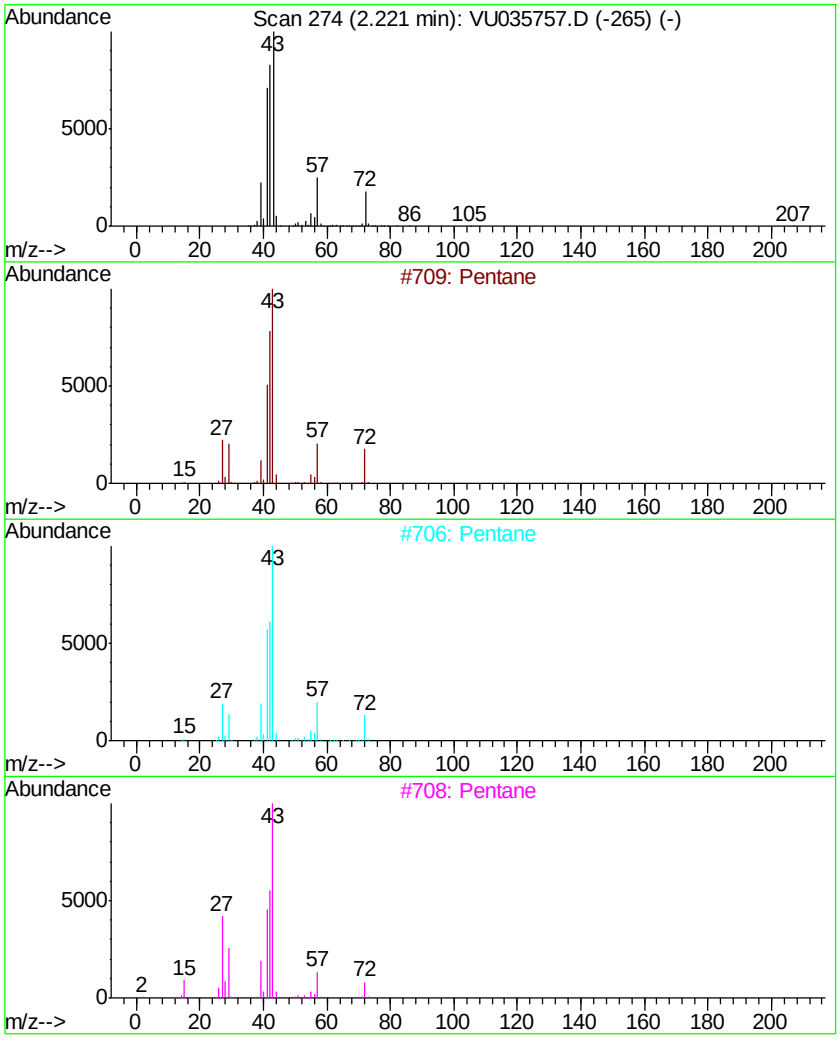
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

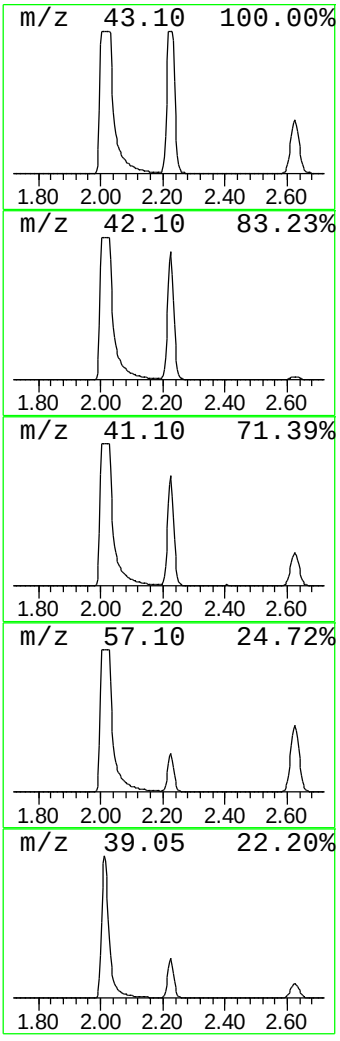
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	27.03 ug/L	49891800	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	83
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	Butane, 2-methyl-	72	C5H12	000078-78-4	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
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Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

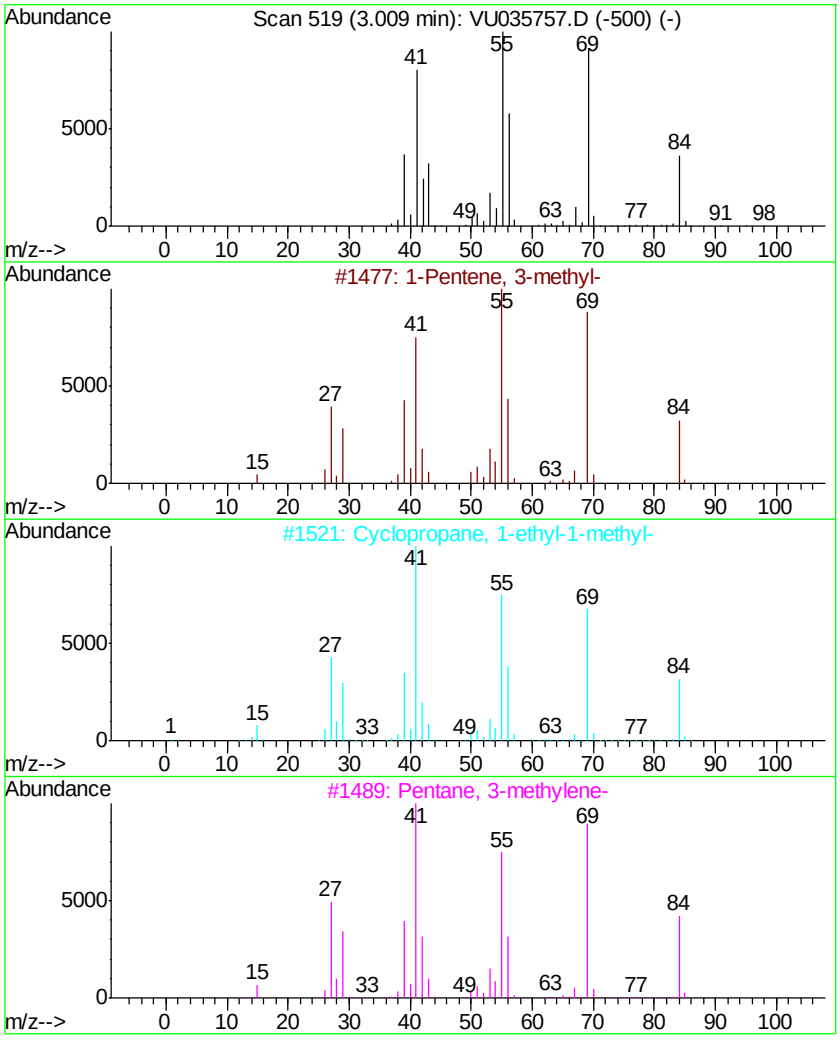
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

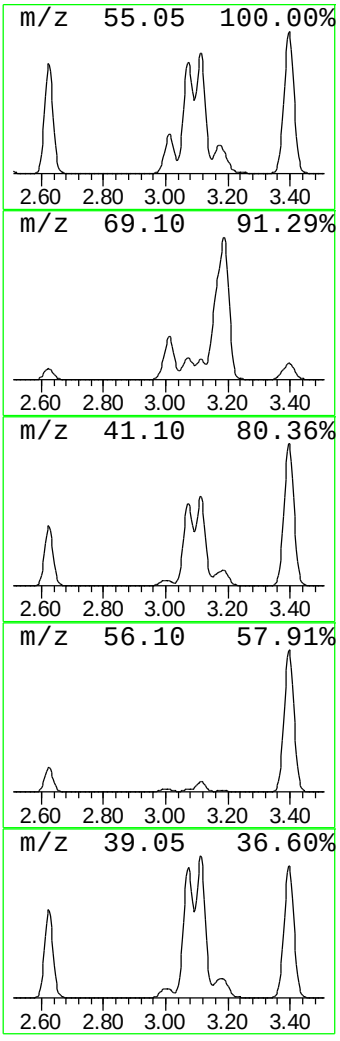
****

Peak Number 3 (DEL) Alkane: Cyclic3.01 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	1.57 ug/L	2902040	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	93
2	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	93
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	90
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	76
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	70





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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

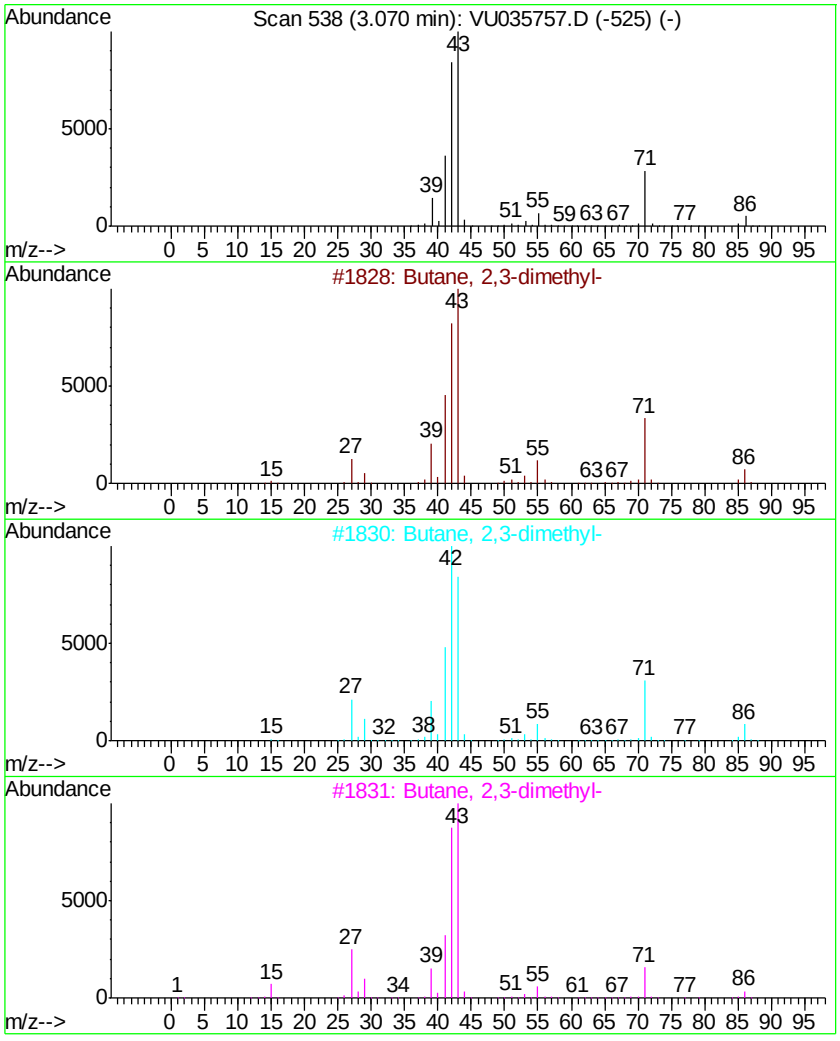
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

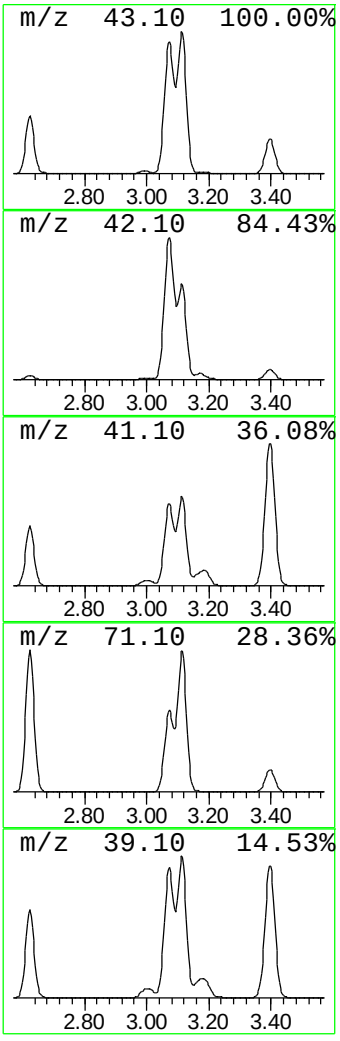
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	24.19 ug/L	44648000	1,4-Difluorobenzene	6.29

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





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

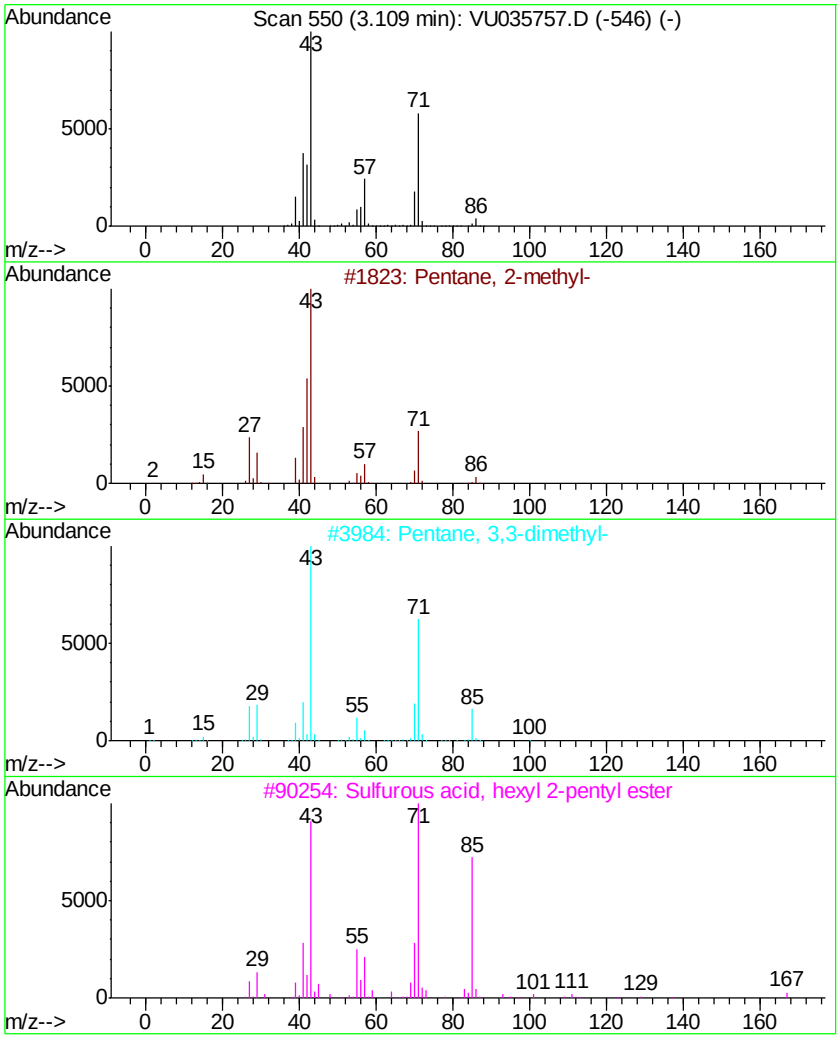
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

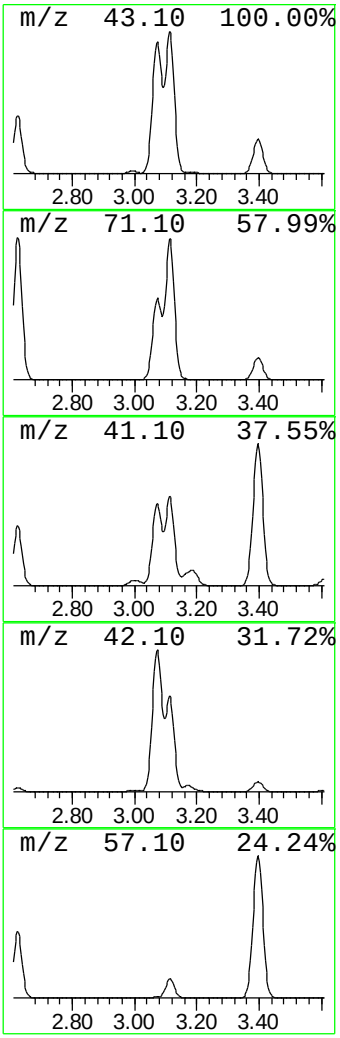
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	22.07 ug/L	40749800	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	42
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	39
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	33
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	33





Library Search Compound Report

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Acq On : 18 Nov 2019 20:52
Operator : JC/SP
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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

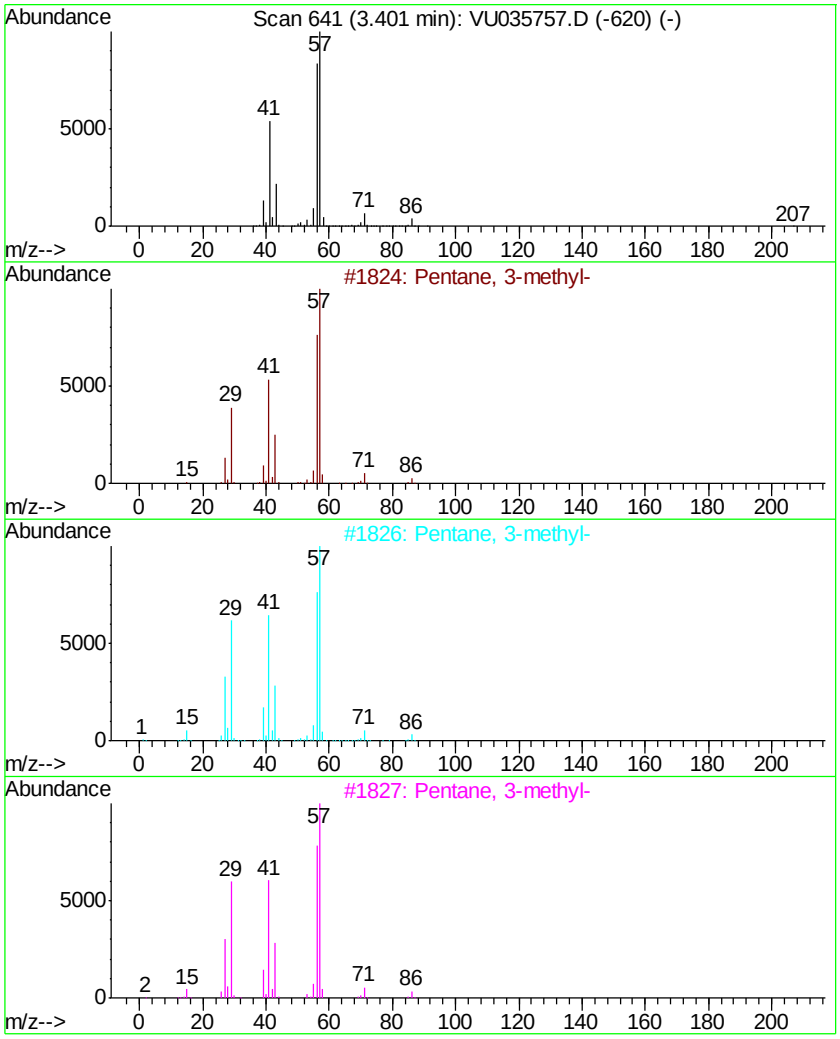
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

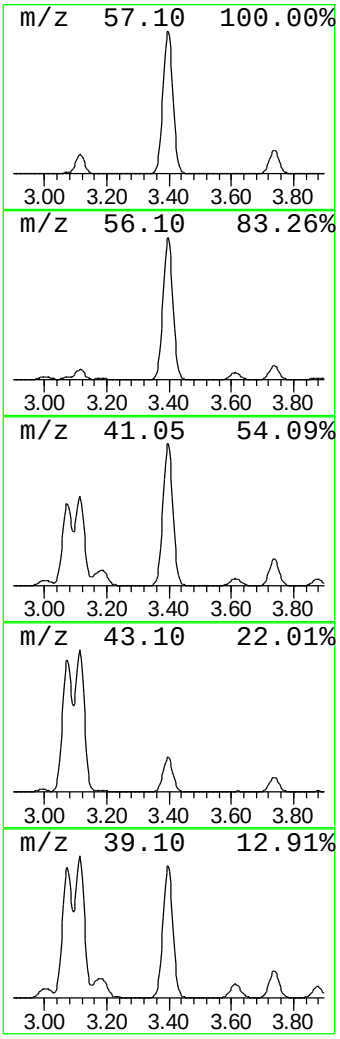
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	32.46 ug/L	59916900	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	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

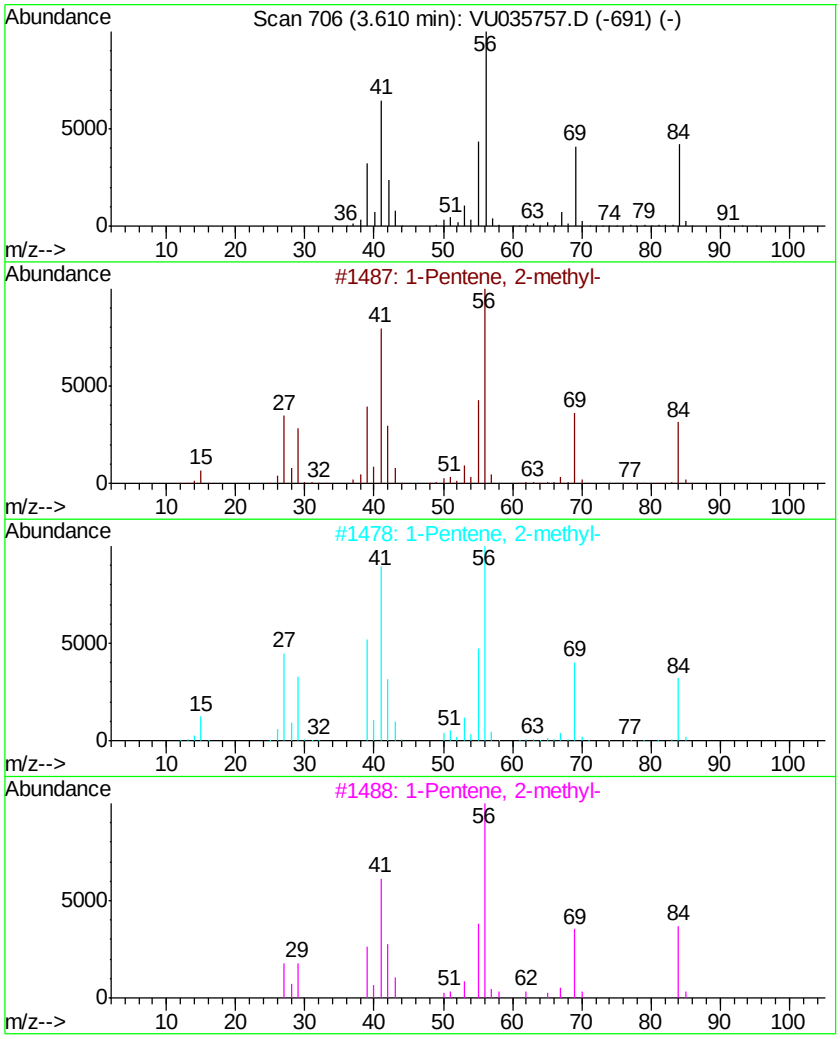
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

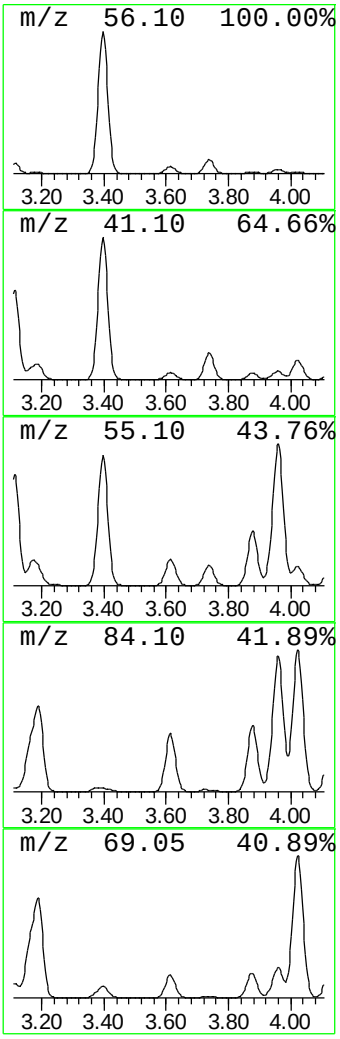
****

Peak Number 7 (DEL) Alkane: Cyclic3.61 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	1.86 ug/L	3433310	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	91
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

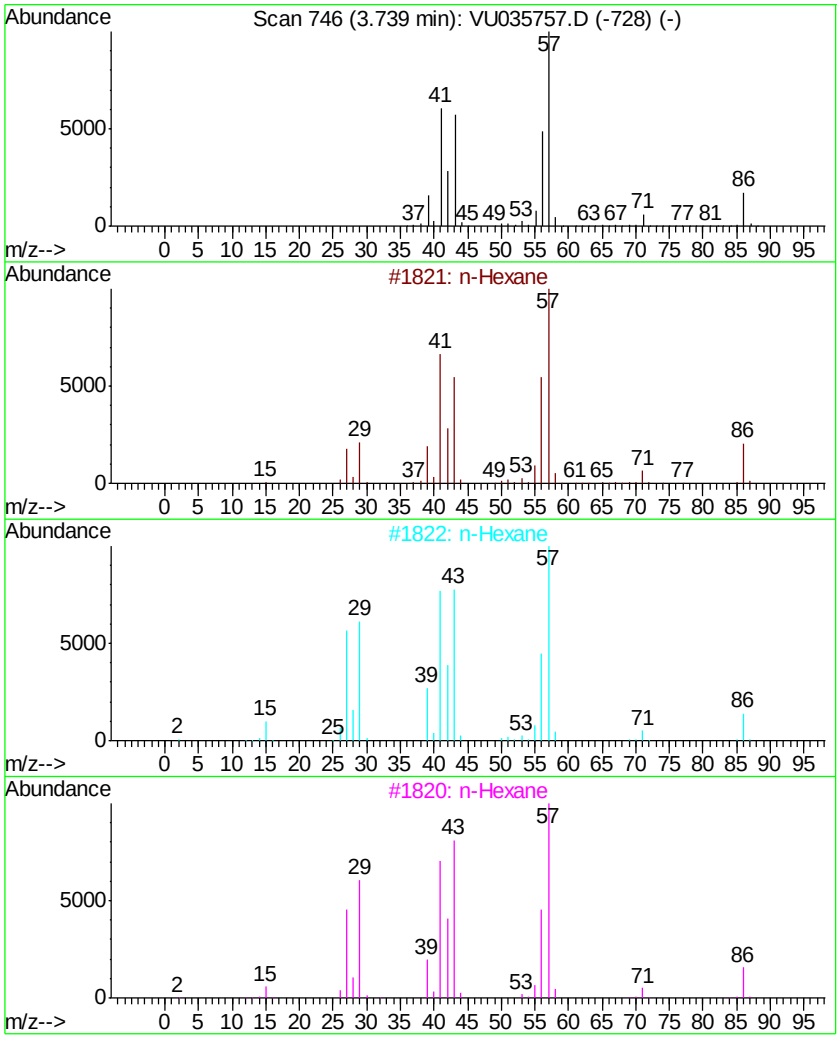
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

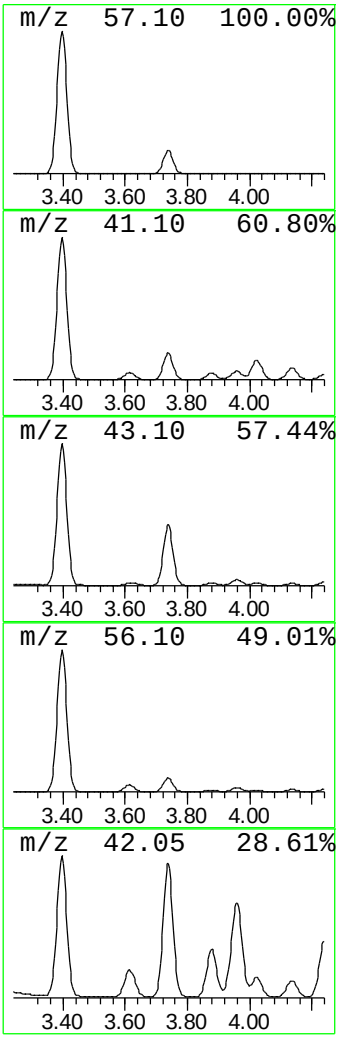
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	6.10 ug/L	11255700	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	64
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	36
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

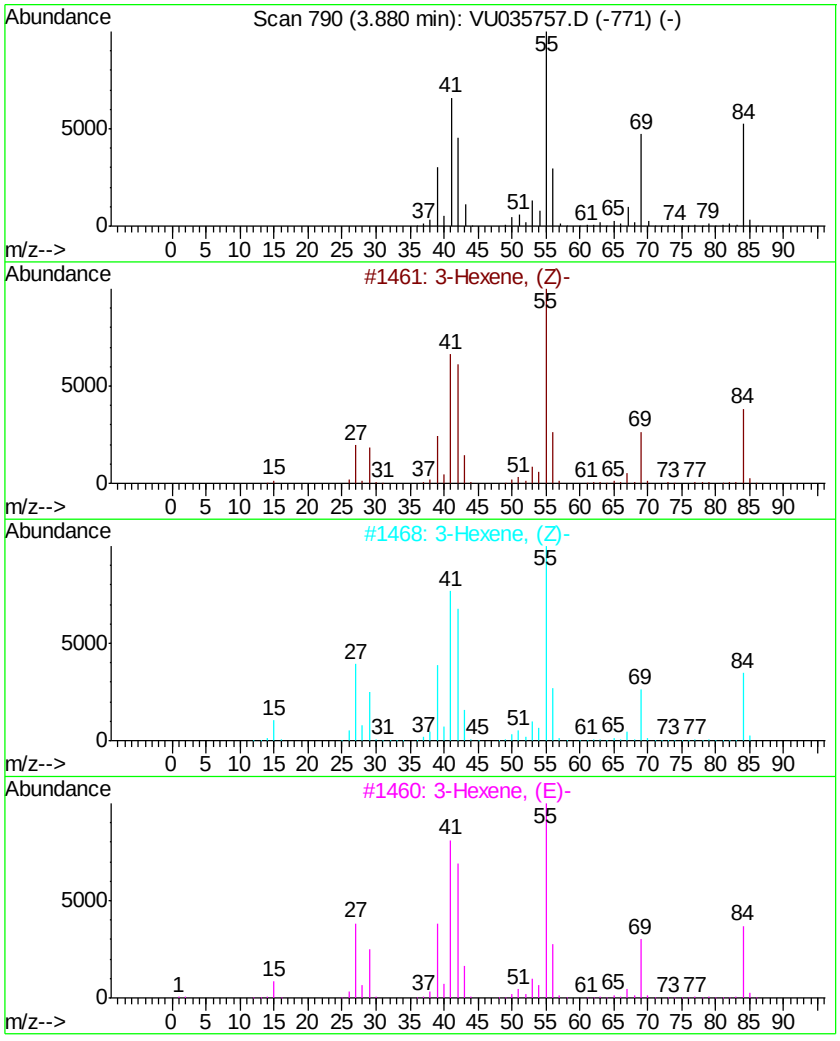
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

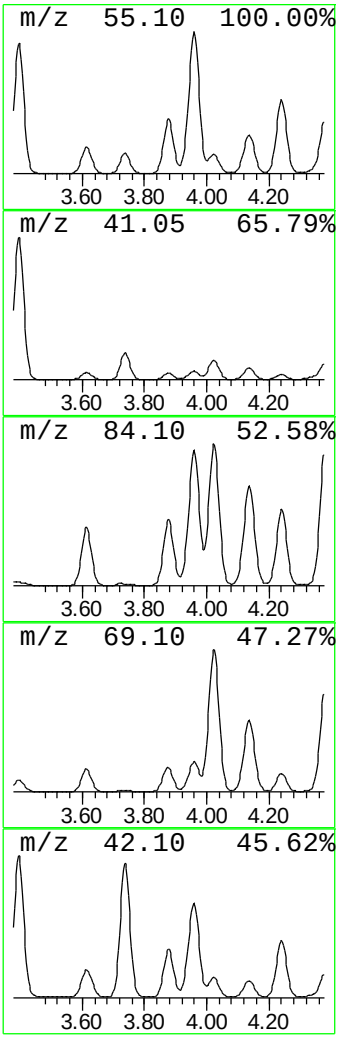
****

Peak Number 9 (DEL) Alkane: Cyclic3.88 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	1.82 ug/L	3356750	1,4-Difluorobenzene	6.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

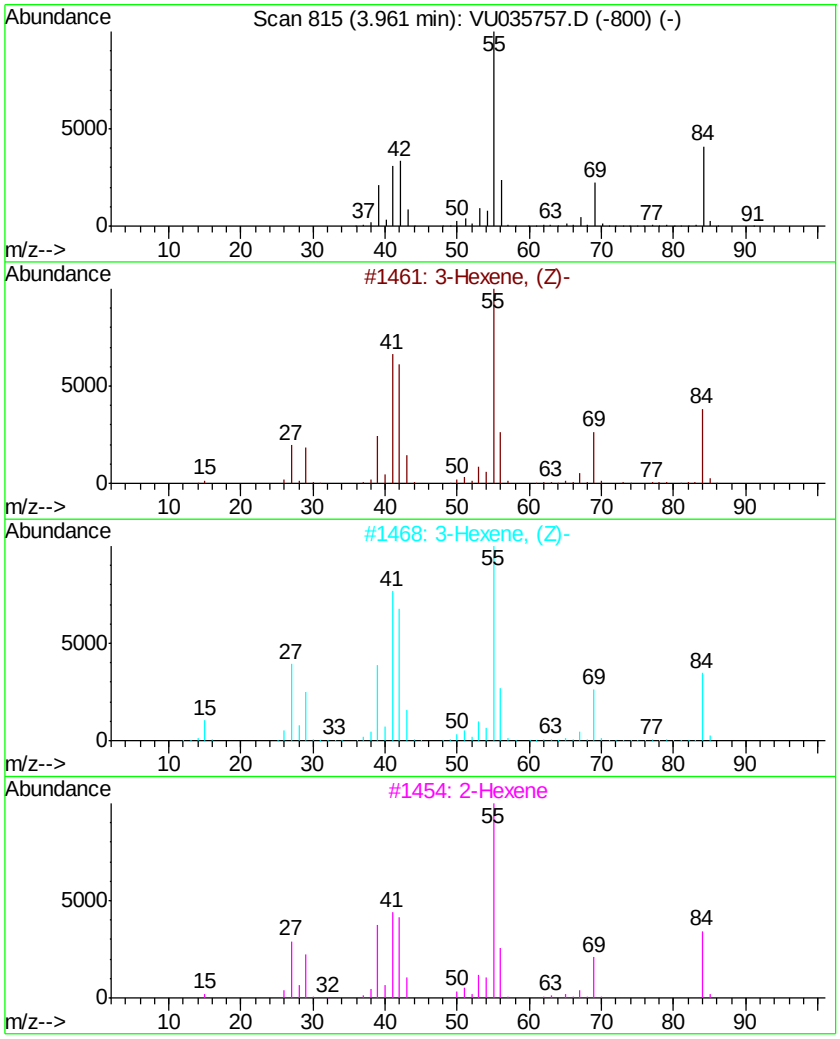
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

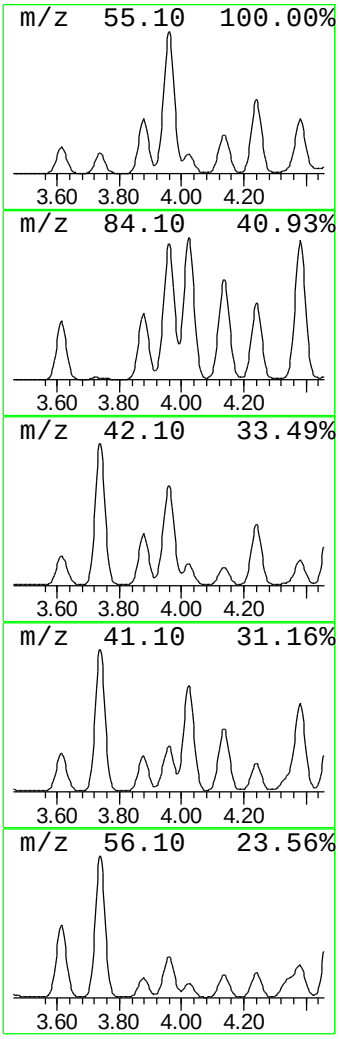
****

Peak Number 10 (DEL) Alkane: Cyclic3.96 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	3.23 ug/L	5955520	1,4-Difluorobenzene	6.29

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

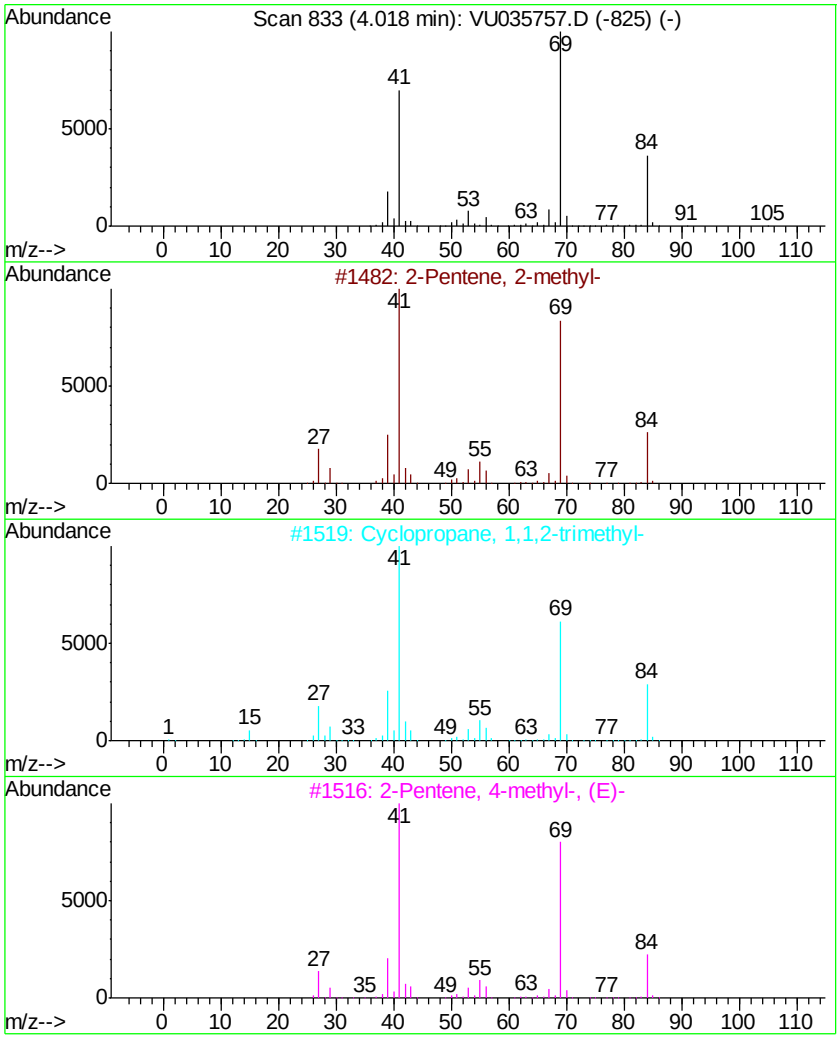
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

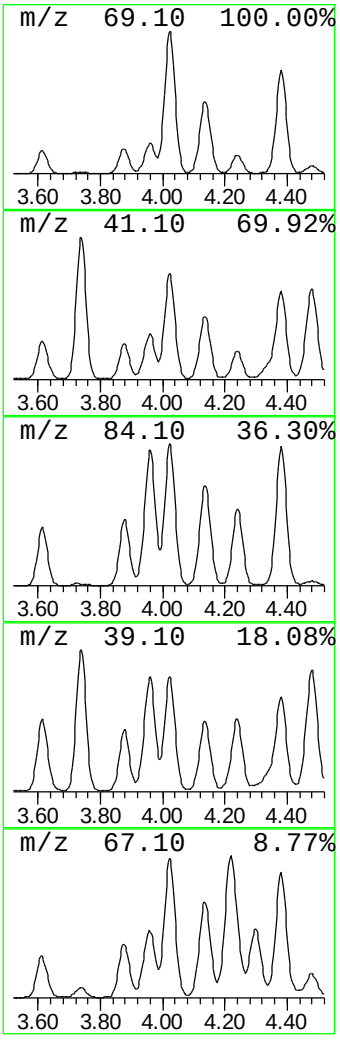
****

Peak Number 11 (DEL) Alkane: Cyclic4.02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.51 ug/L	6470780	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
3	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	83
4	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	83
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

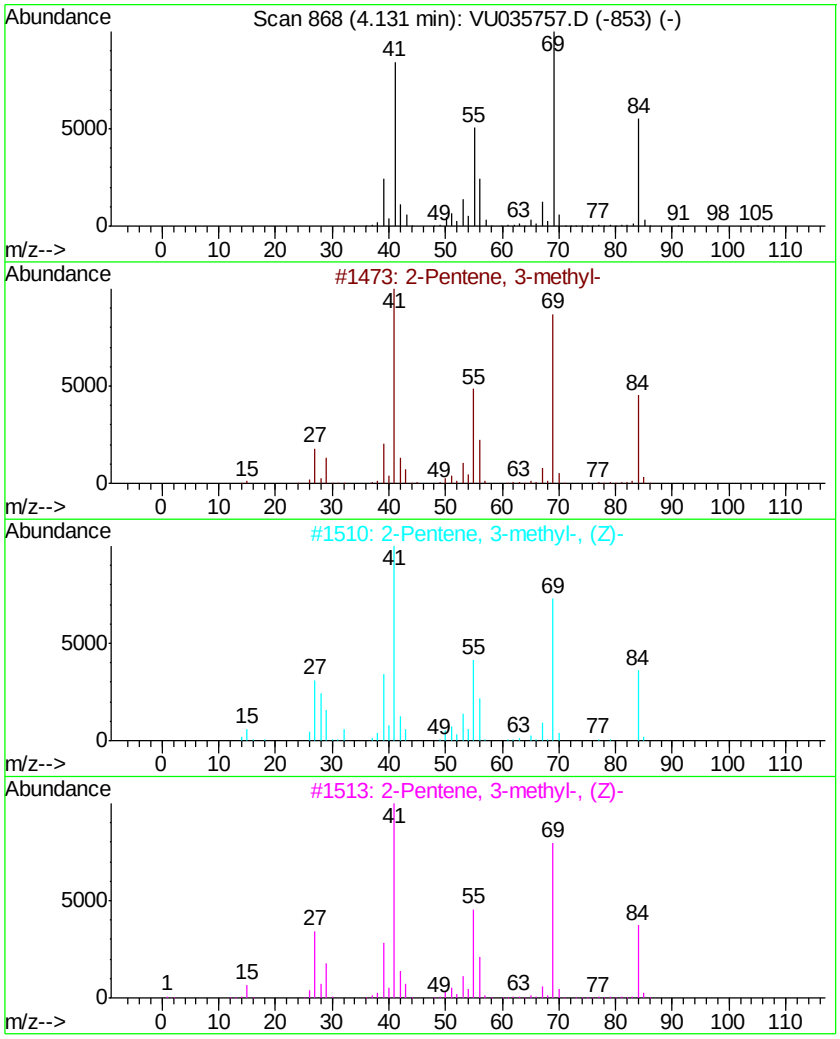
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

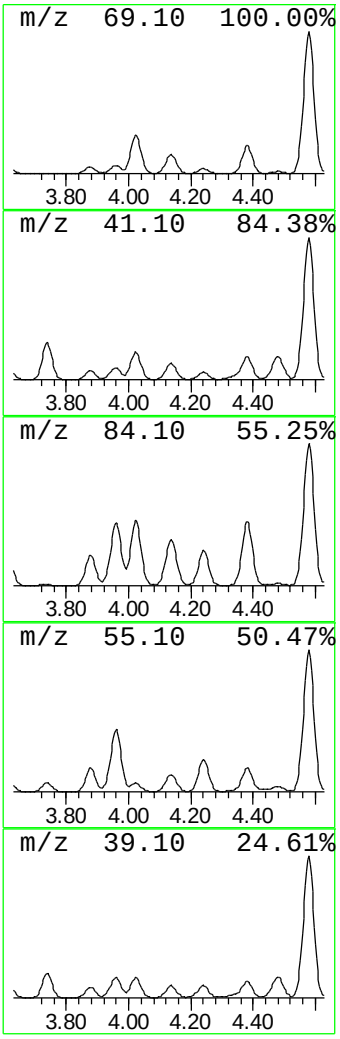
****

Peak Number 12 (DEL) Alkane: Cyclic4.13 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	2.57 ug/L	4742910	1,4-Difluorobenzene	6.29

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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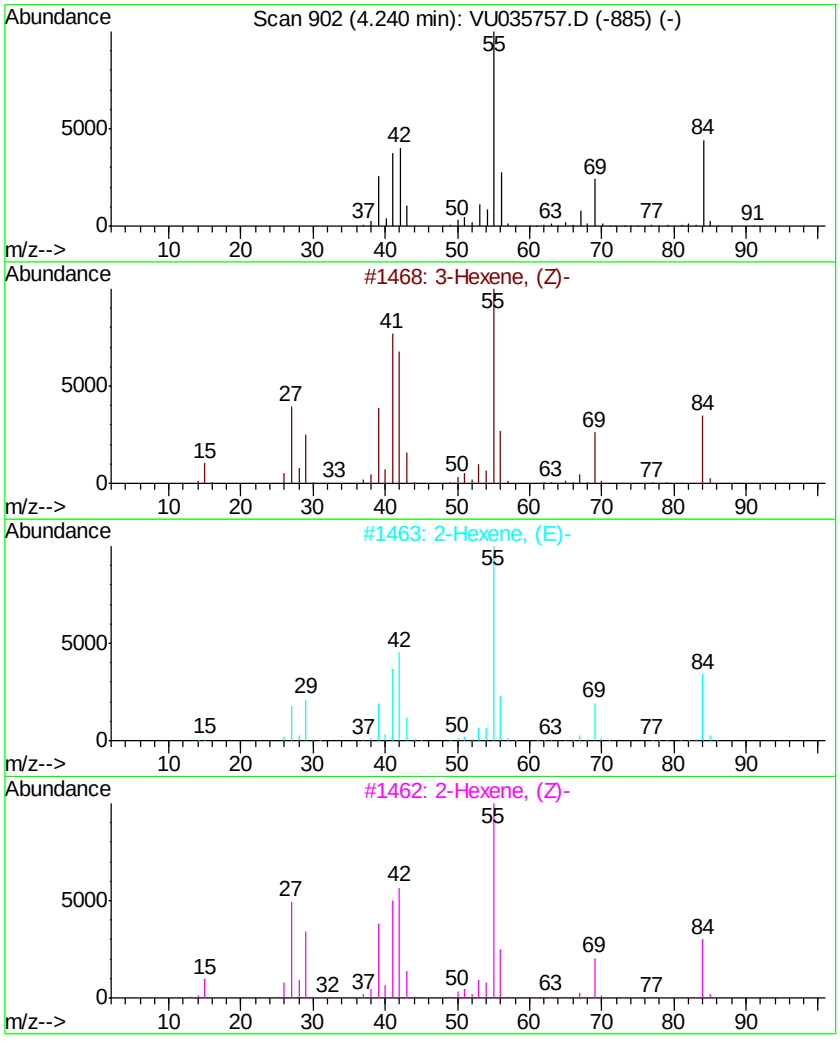
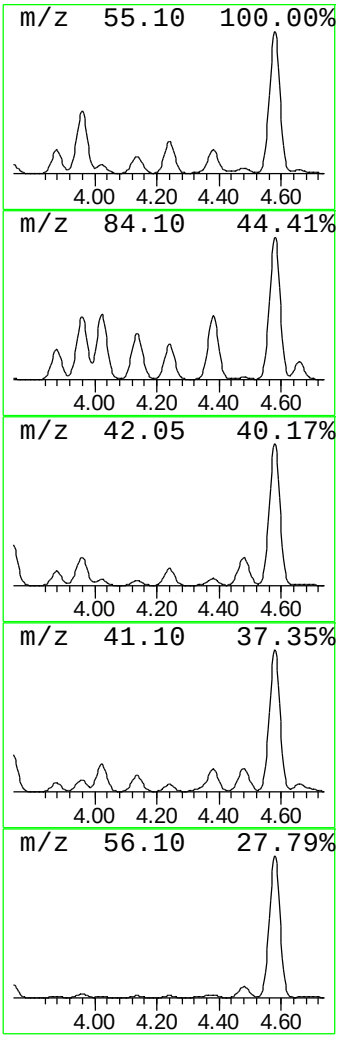
Peak Number 13 (DEL) Alkane: Cyclic4.24 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	2.03 ug/L	3743750	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	91
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
4	3-Hexene, (E)-	84	C6H12	013269-52-8	91
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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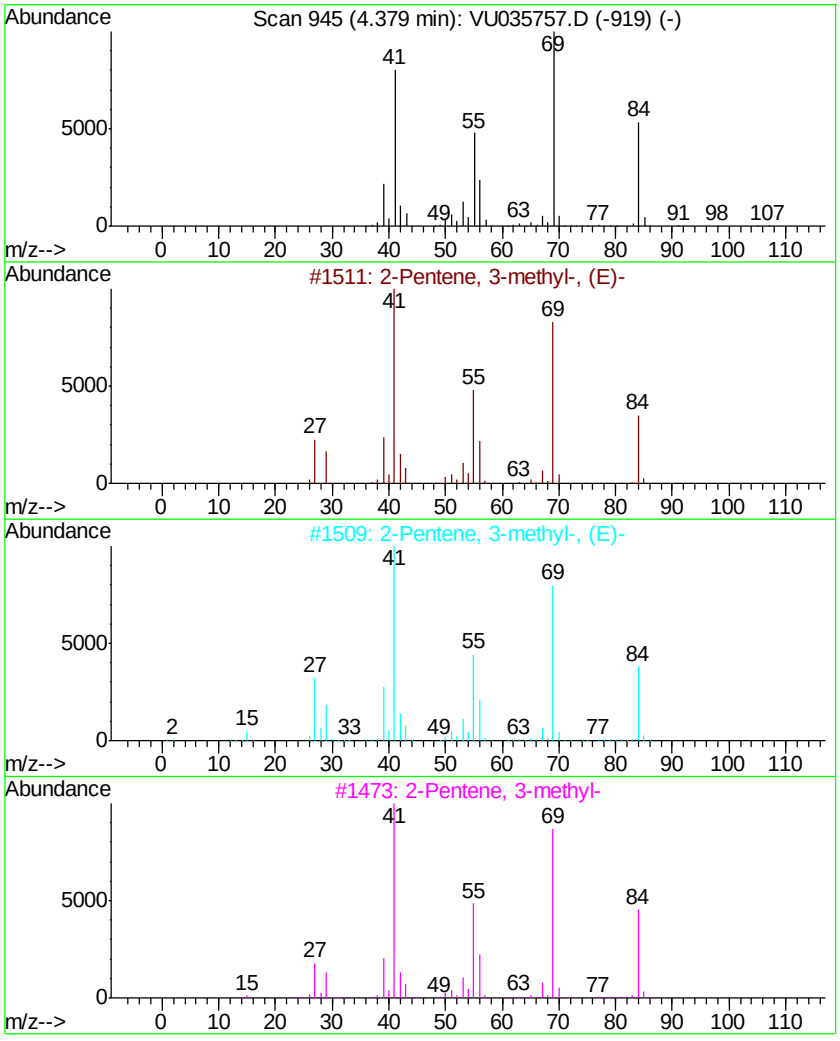
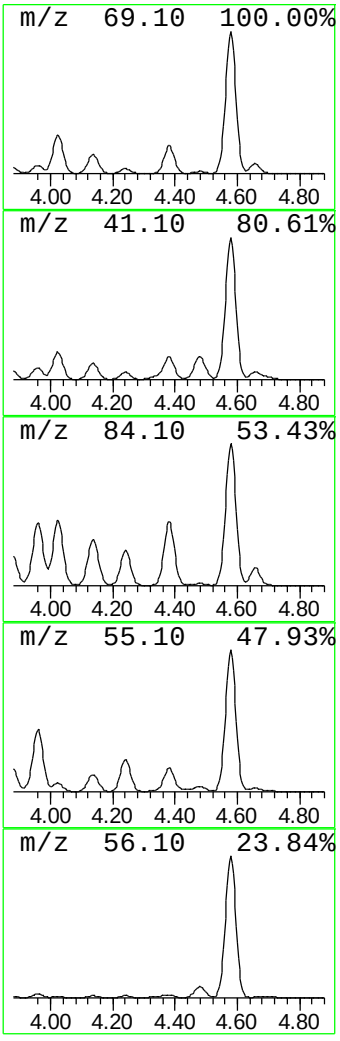
Peak Number 14 (DEL) Alkane: Cyclic4.38 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	4.02 ug/L	7416510	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	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

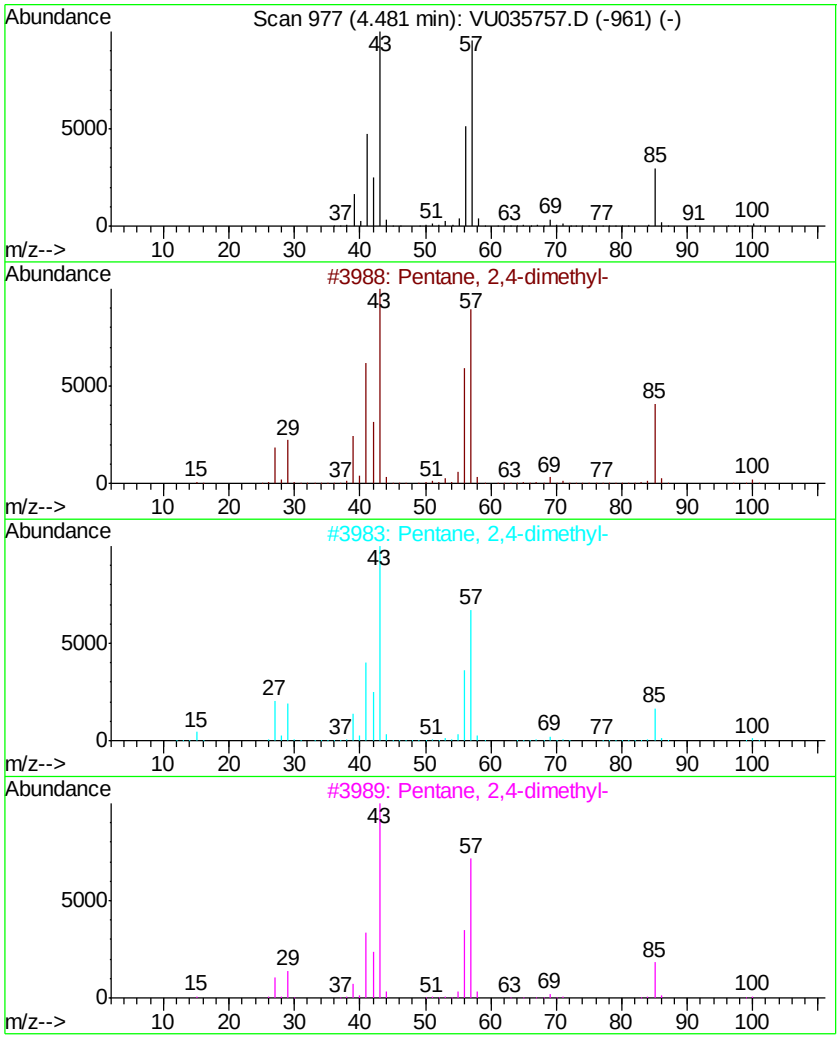
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

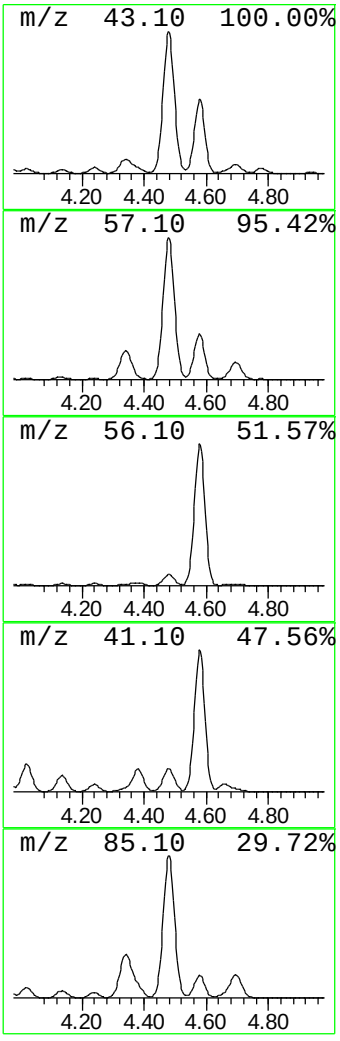
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	5.70 ug/L	10516400	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	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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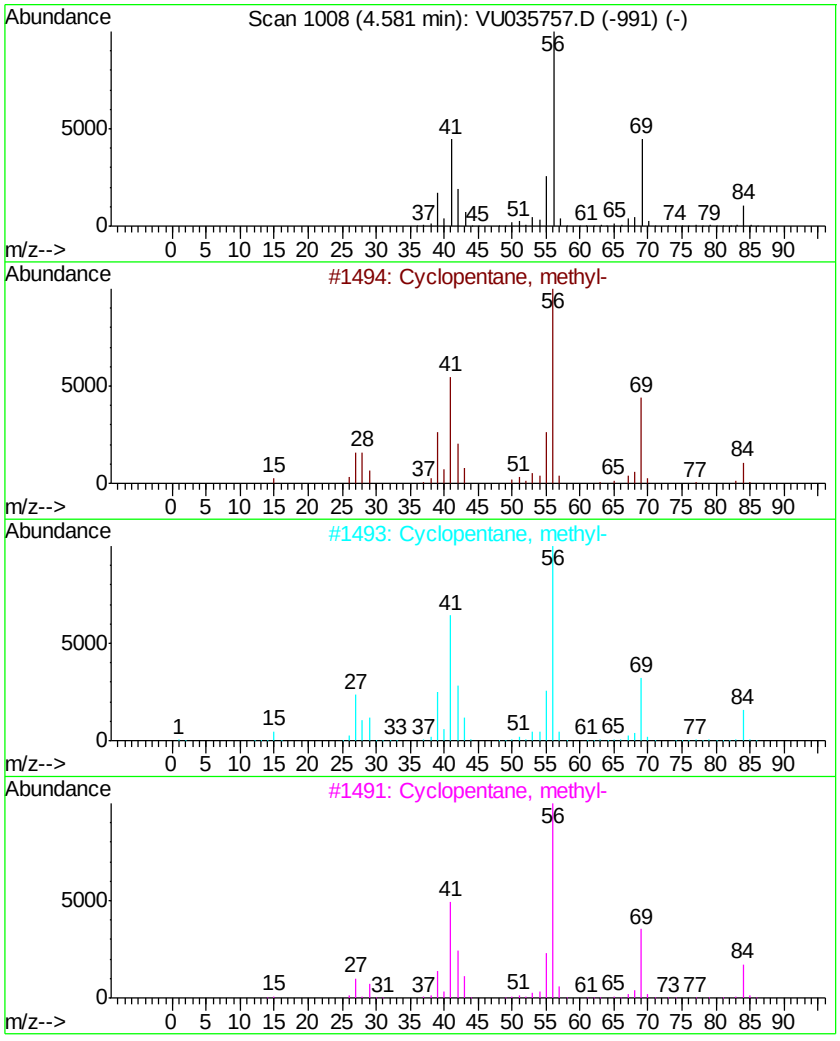
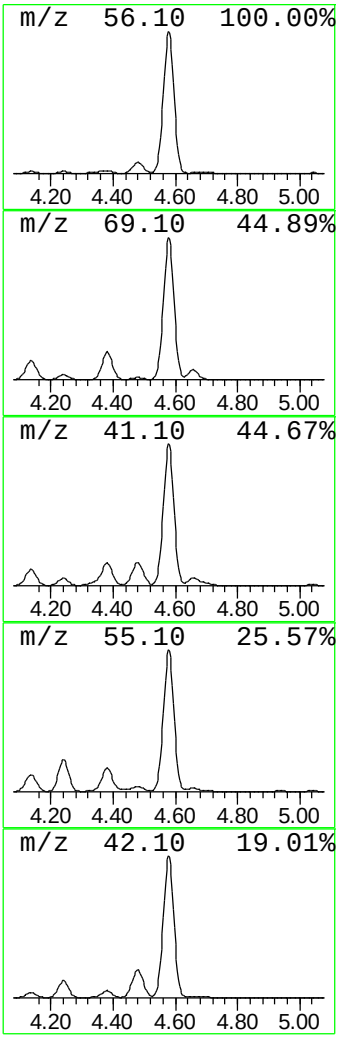
Peak Number 16 (DEL) Alkane: Cyclic4.58 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	28.78 ug/L	53127000	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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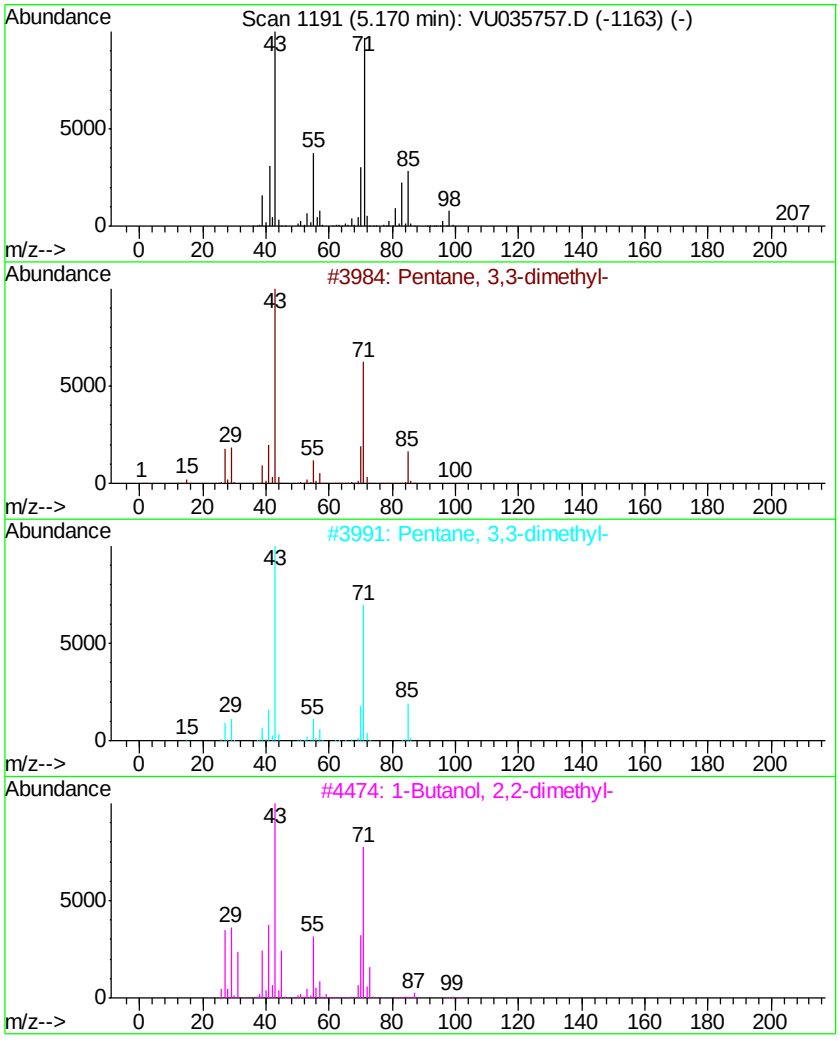
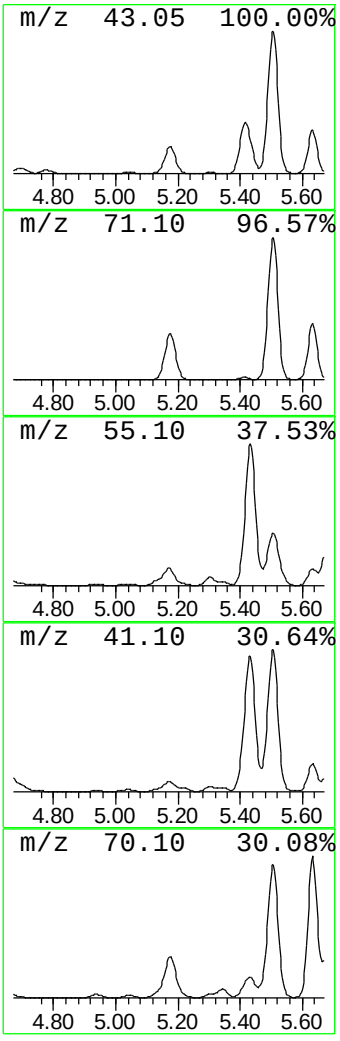
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	2.35 ug/L	4346910	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
3	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	53
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	47
5	4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

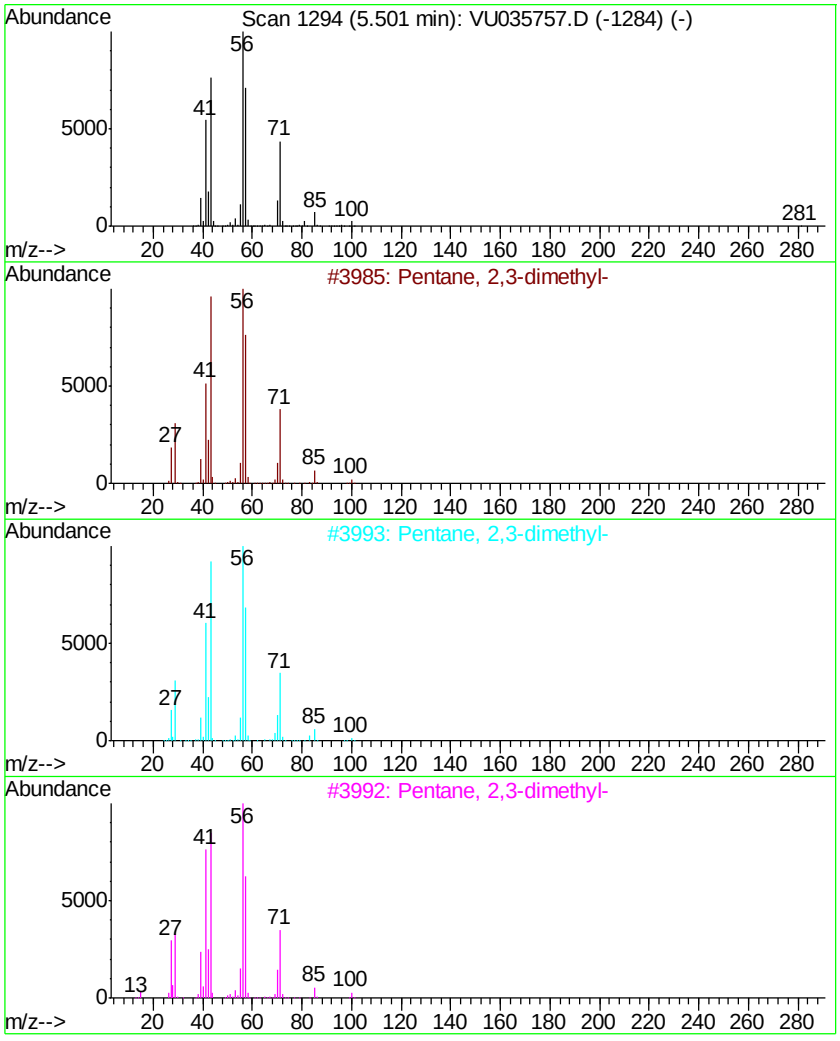
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

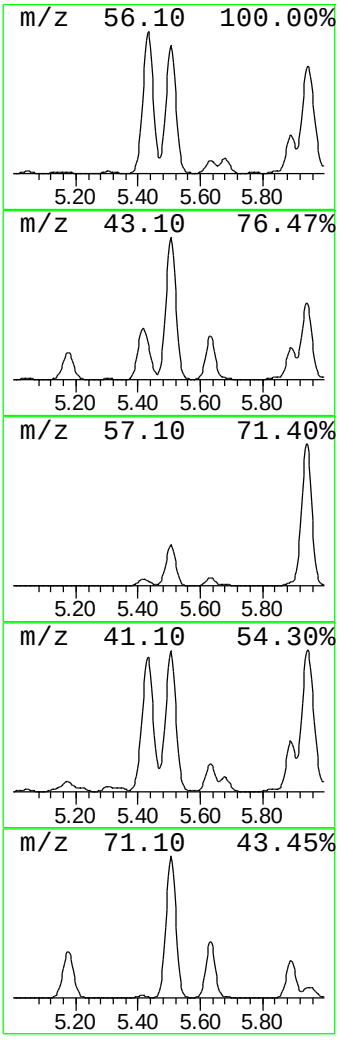
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	13.89 ug/L	25645800	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43





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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

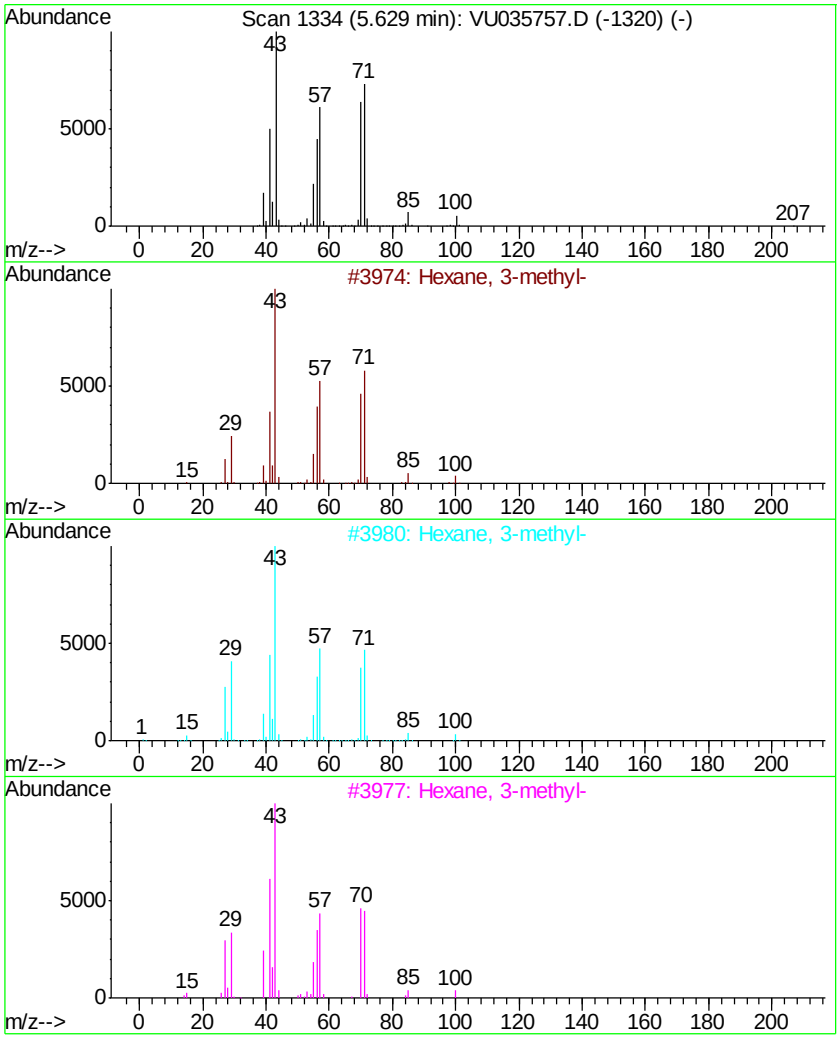
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

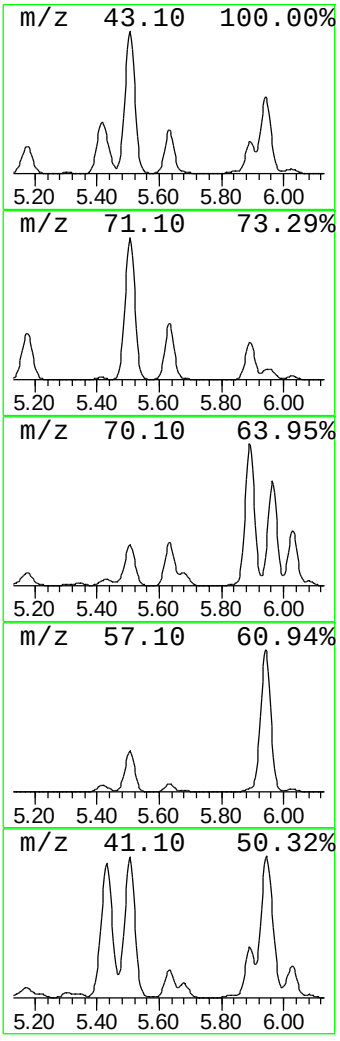
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	3.02 ug/L	5578350	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

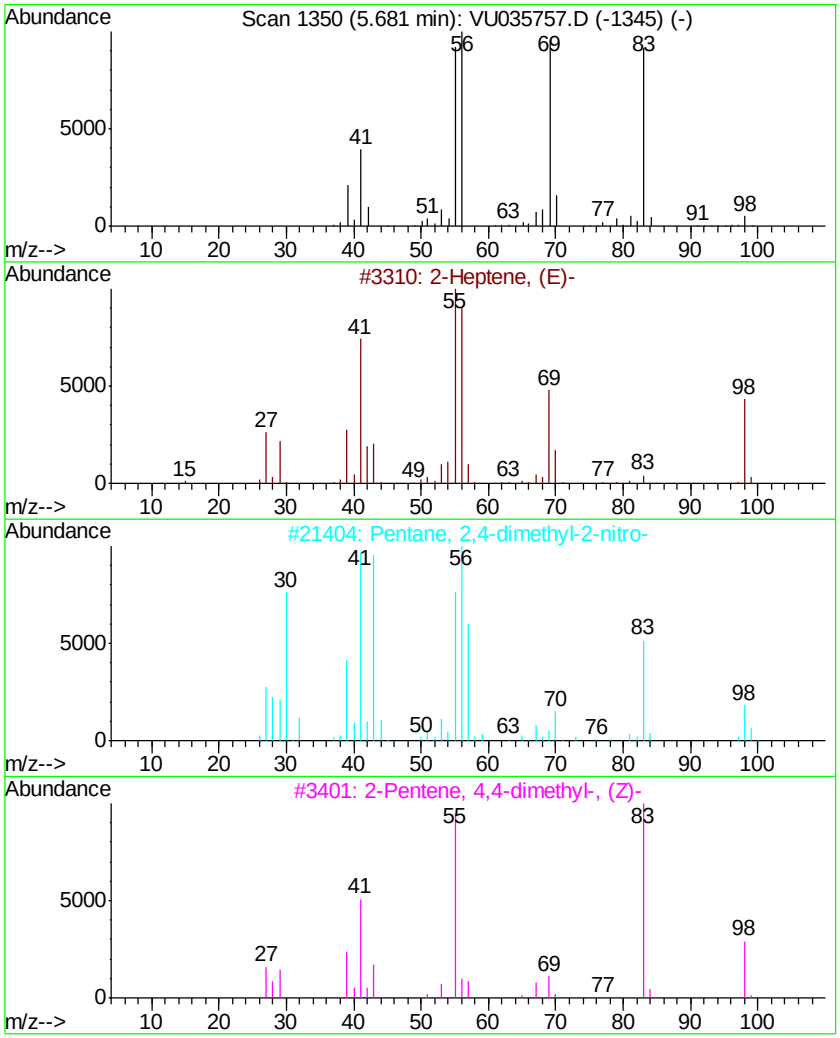
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

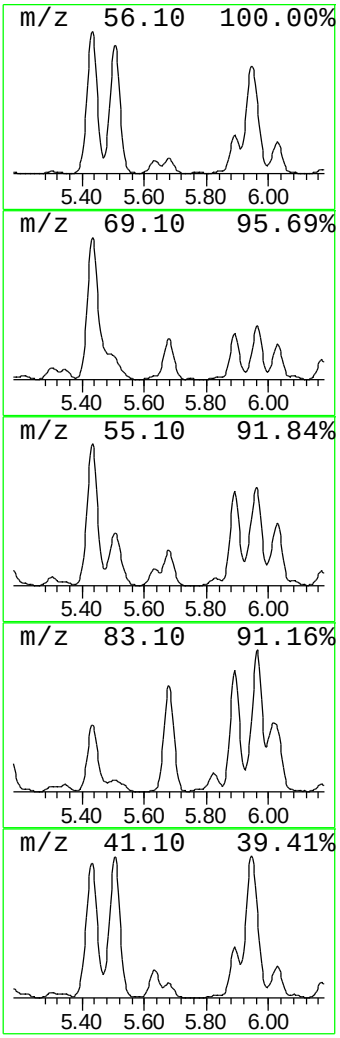
****

Peak Number 20 (DEL) Alkane: Cyclic5.68 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	1.50 ug/L	2773050	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, (E)-	98	C7H14	014686-13-6	35
2	Pentane, 2,4-dimethyl-2-nitro-	145	C7H15NO2	000597-45-5	35
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	35
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	30
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

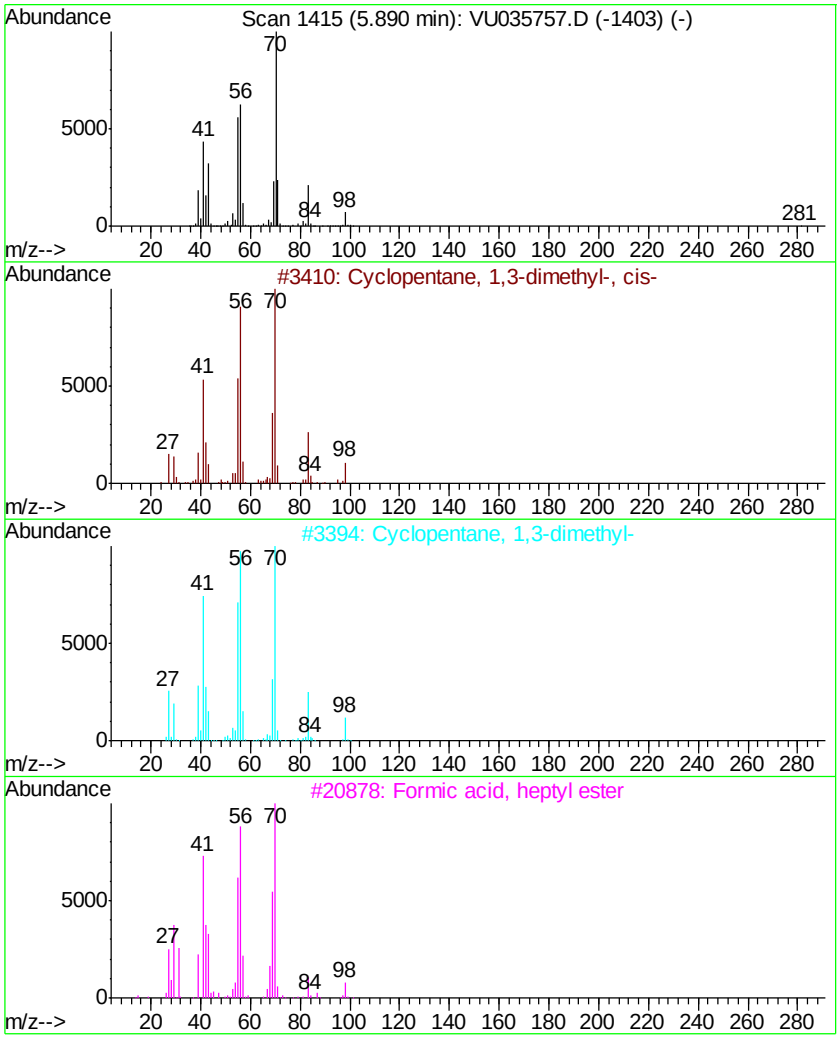
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

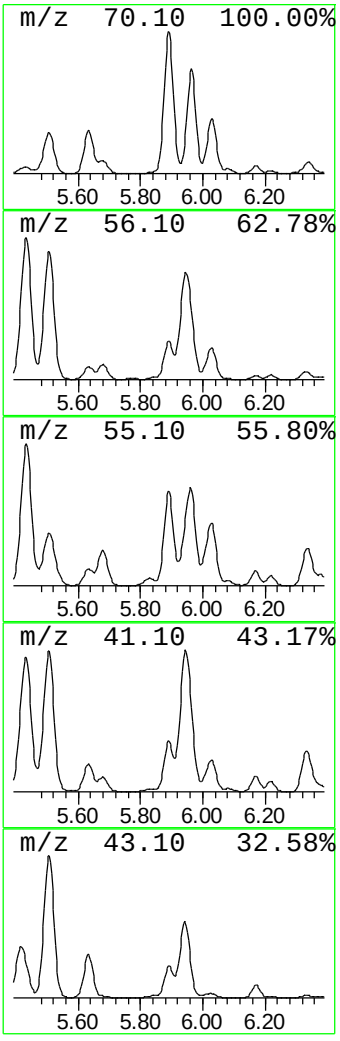
****

Peak Number 21 (DEL) Alkane: Cyclic5.89 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	5.77 ug/L	10659400	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
3	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	59
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	58
5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

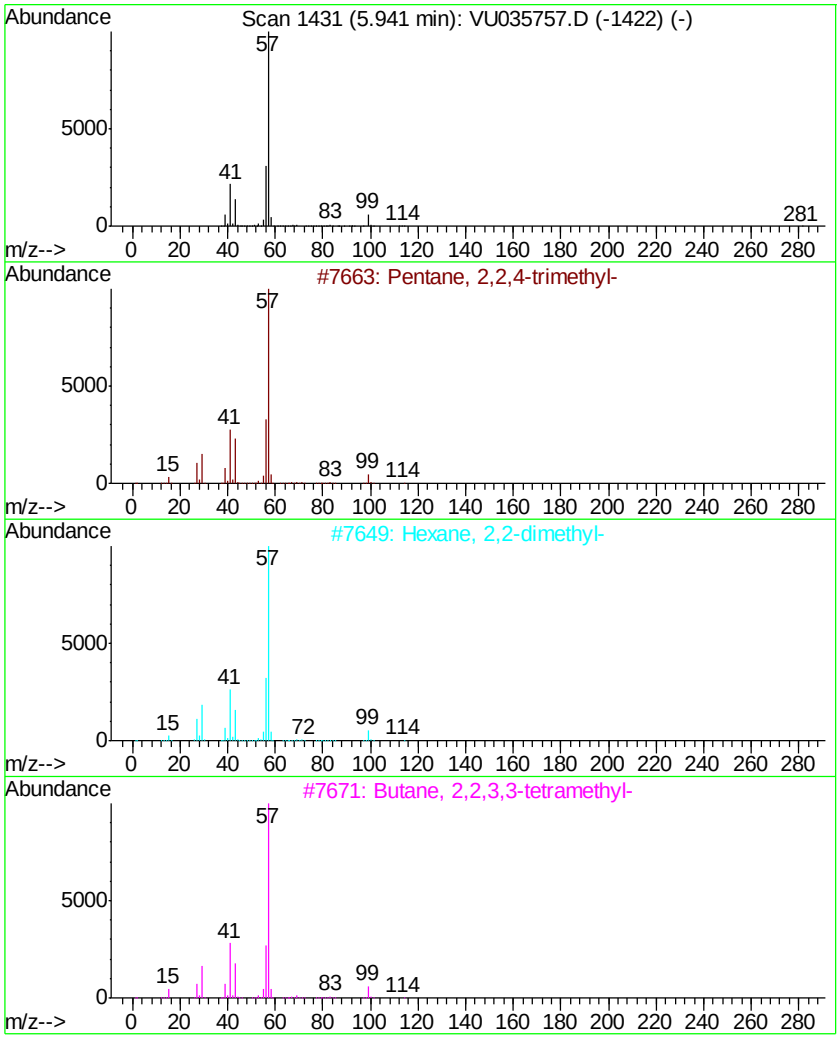
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

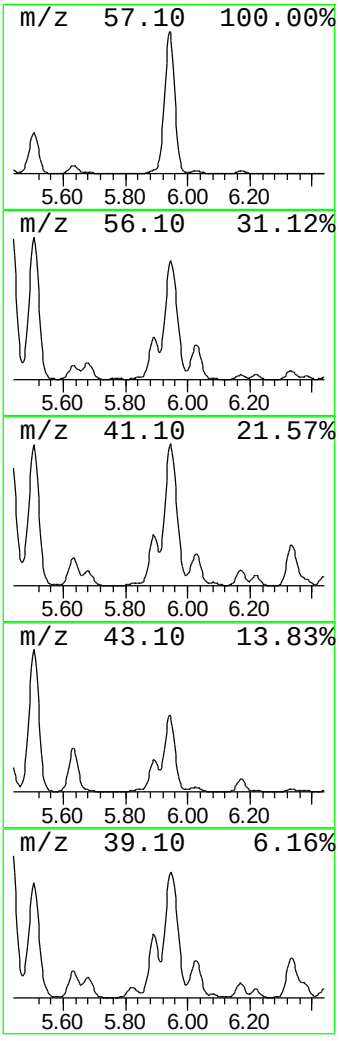
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	18.09 ug/L	33390000	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

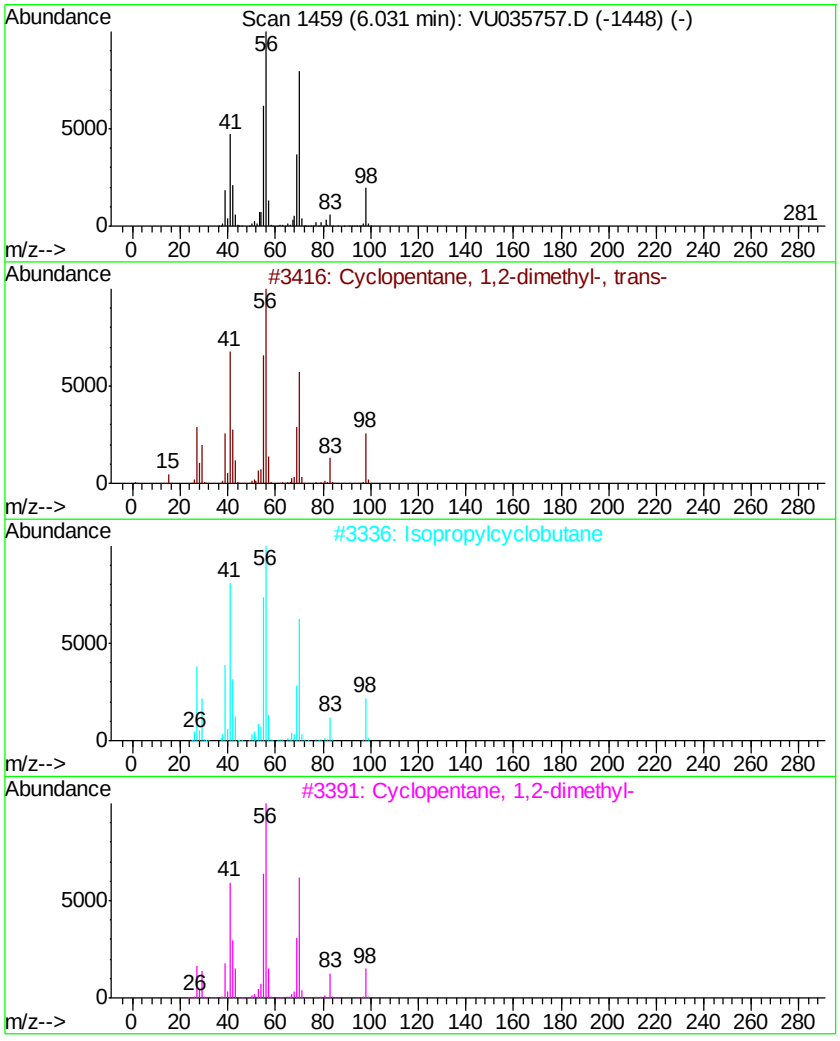
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

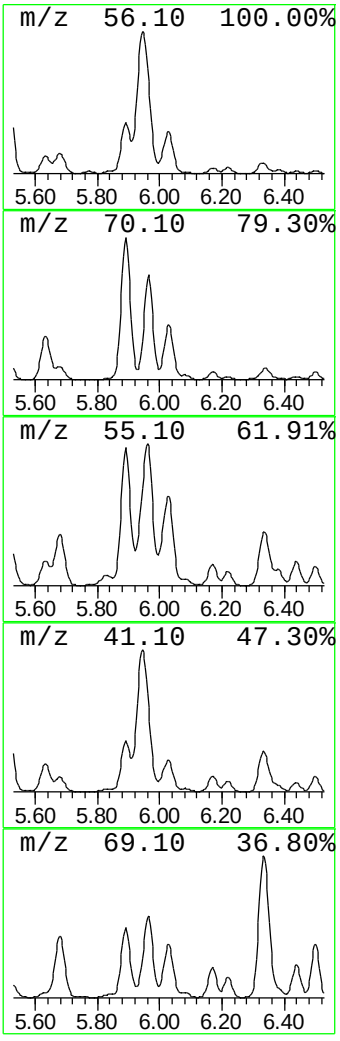
****

Peak Number 23 (DEL) Alkane: Cyclic6.03 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	3.34 ug/L	6157750	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	91
2	Isopropylcyclobutane	98	C7H14	000872-56-0	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
5	1-Heptene	98	C7H14	000592-76-7	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

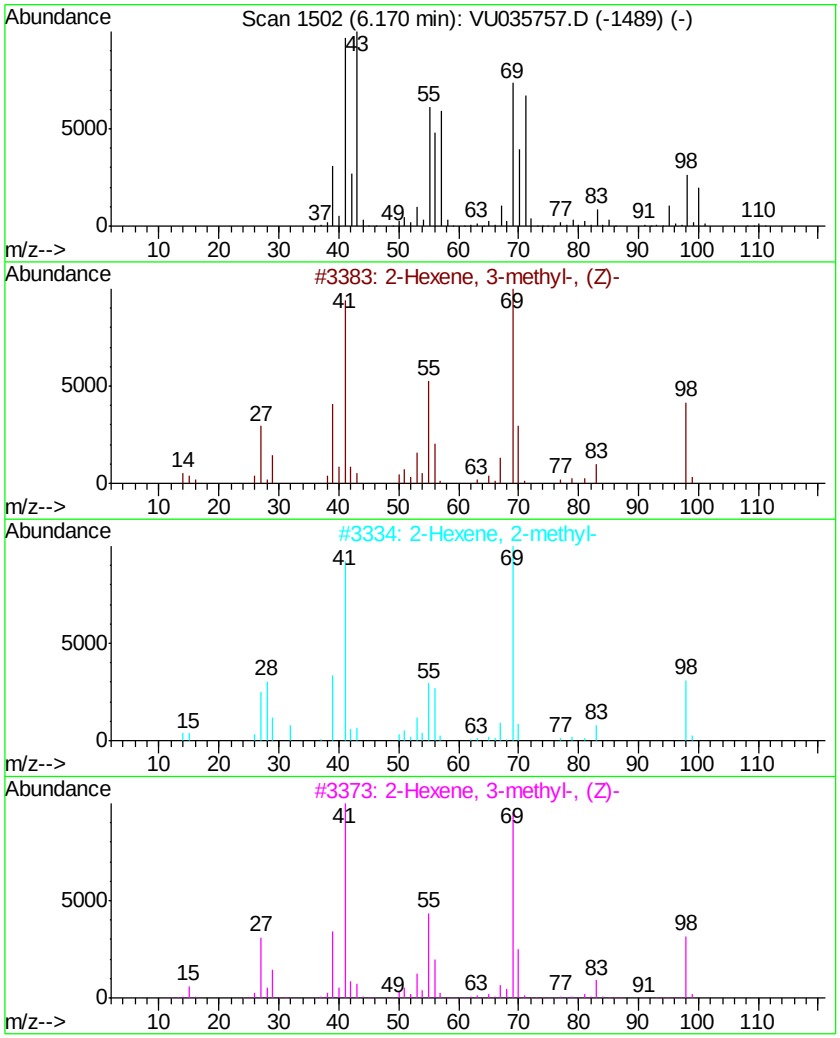
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

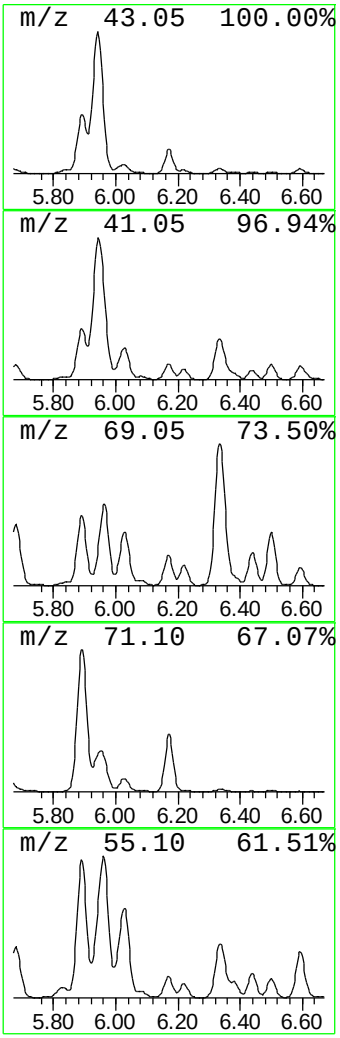
****

Peak Number 24 (DEL) Alkane: Cyclic6.17 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	1.21 ug/L	2232940	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	46
2	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	45
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	38





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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

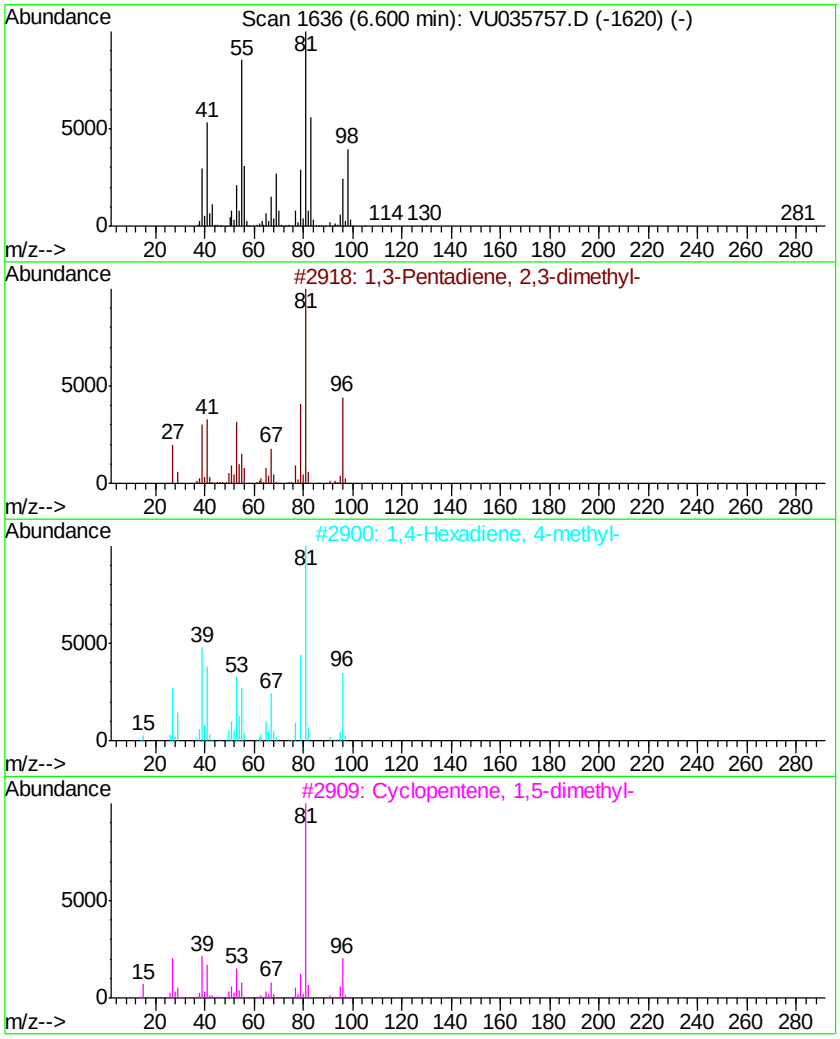
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

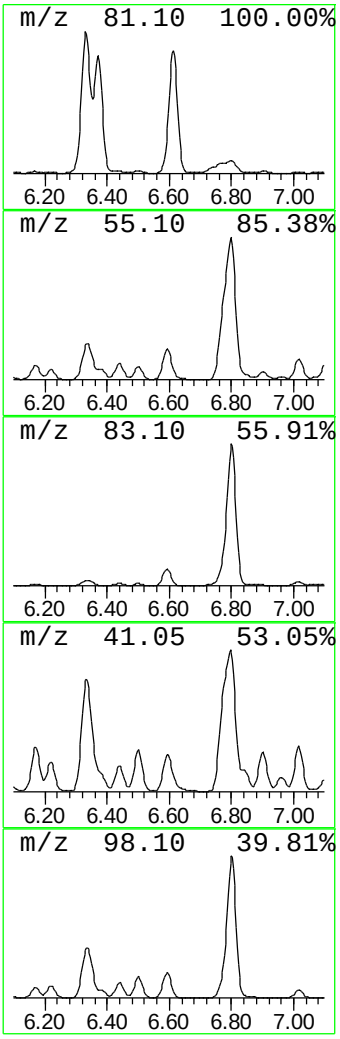
****

Peak Number 25 1,3-Pentadiene, 2,3-dimethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	2.01 ug/L	3716360	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	86
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	53
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	50
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	50
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46





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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

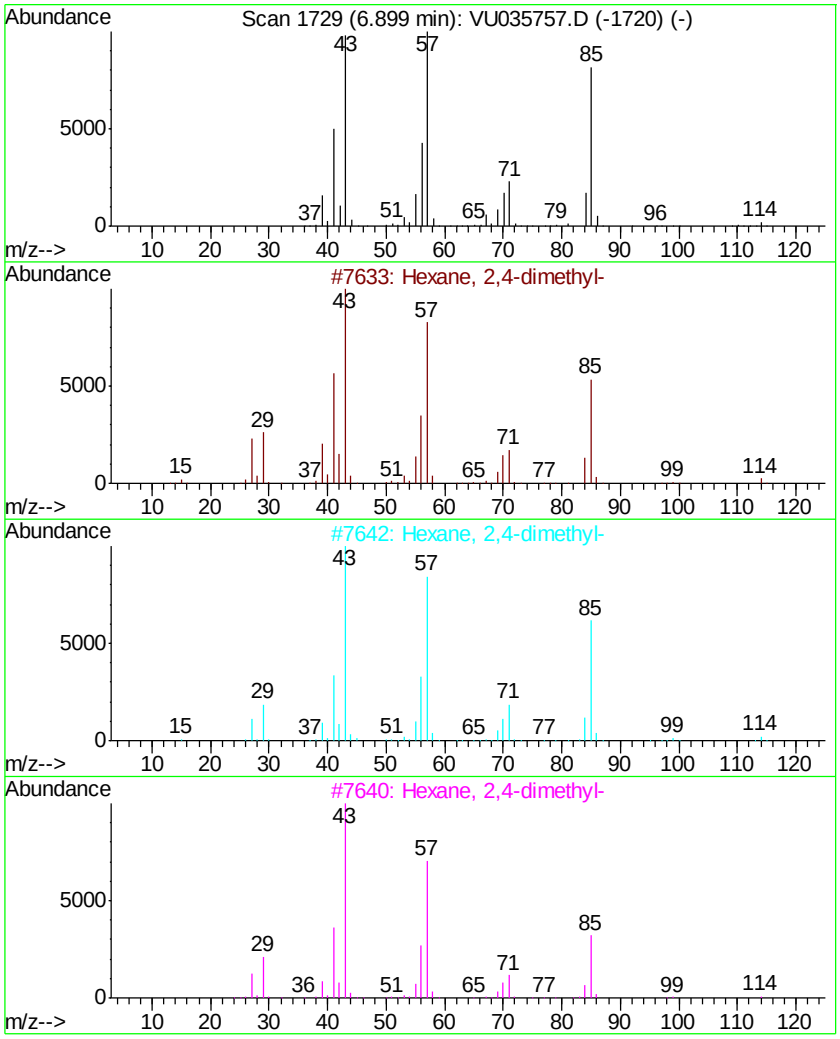
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

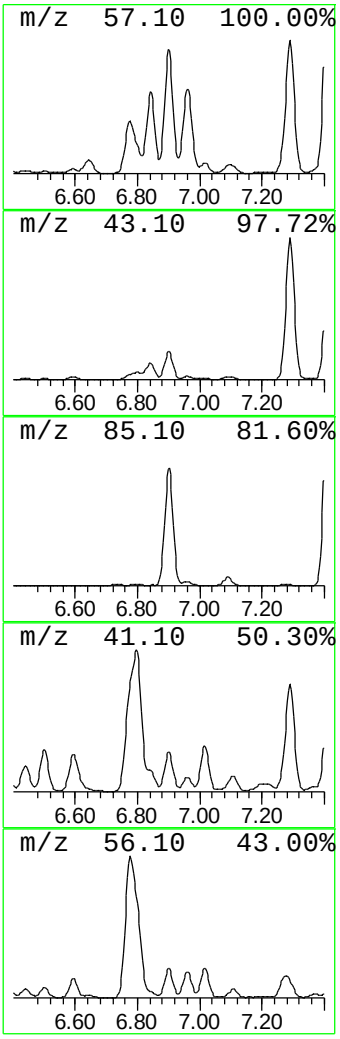
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	1.32 ug/L	2433540	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	95
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	86





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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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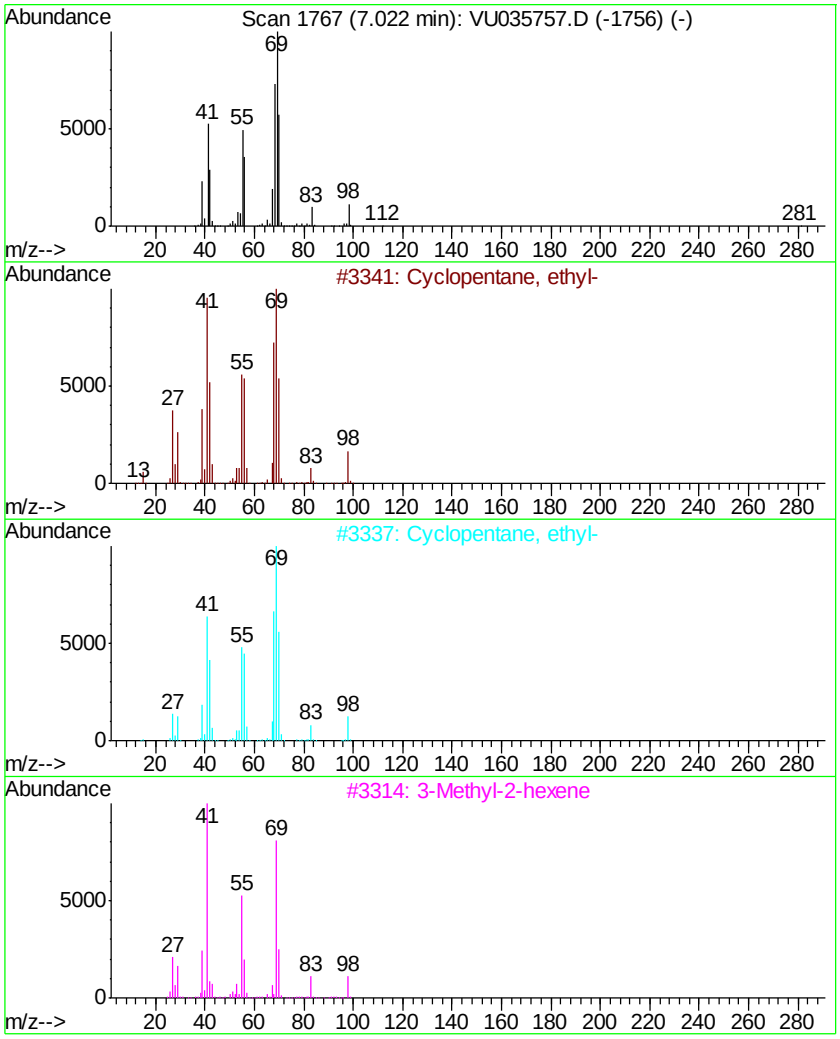
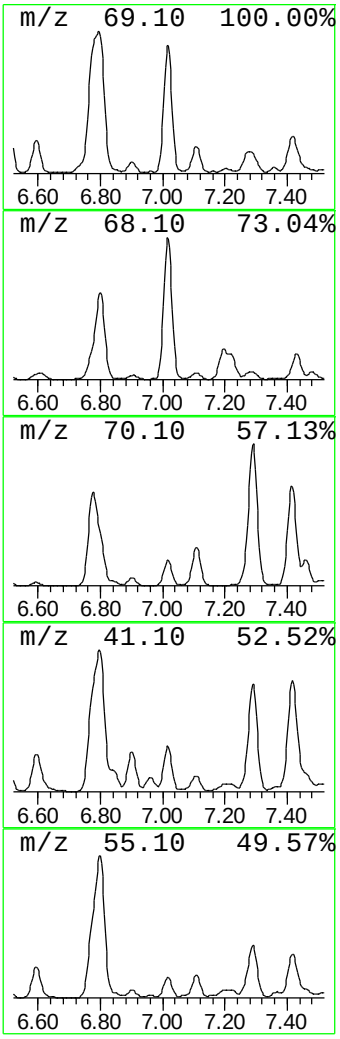
Peak Number 27 (DEL) Alkane: Cyclic7.02 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	1.40 ug/L	2577290	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	81
3	3-Methyl-2-hexene	98	C7H14	017618-77-8	38
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38





Library Search Compound Report

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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

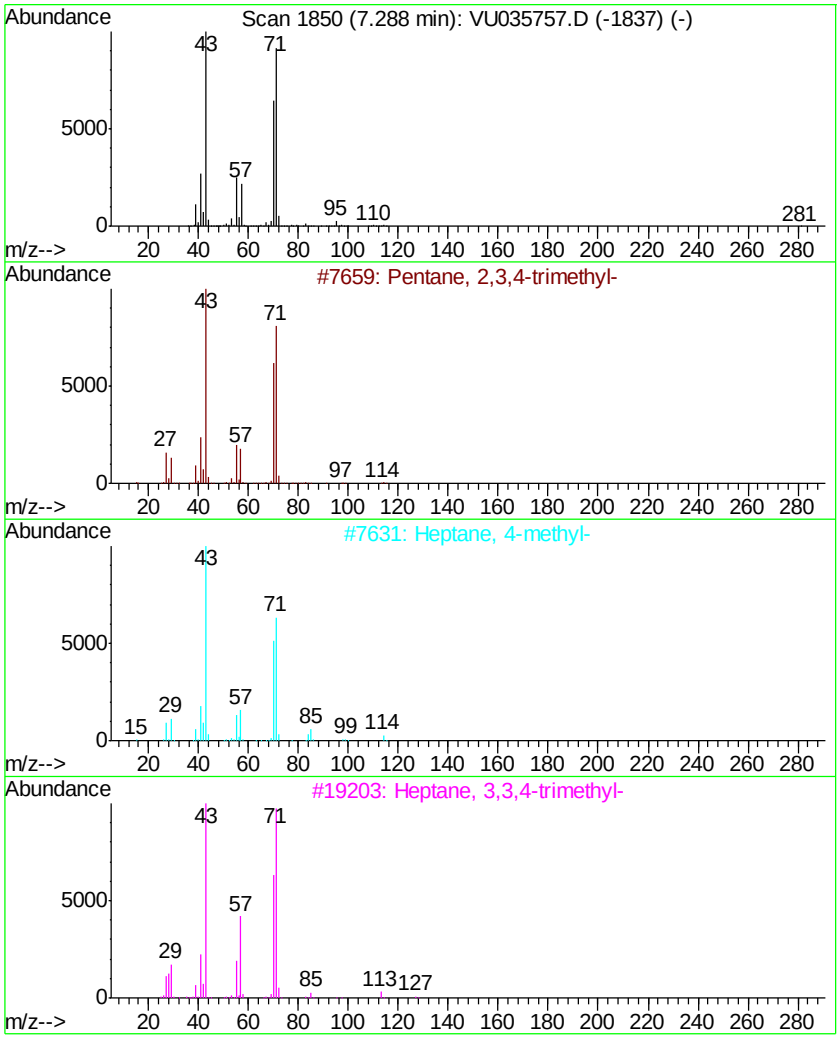
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

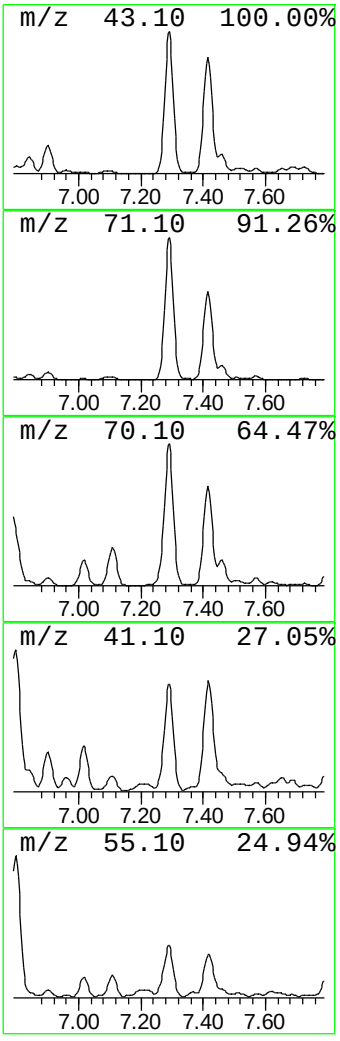
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.81 ug/L	10731000	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	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	78
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

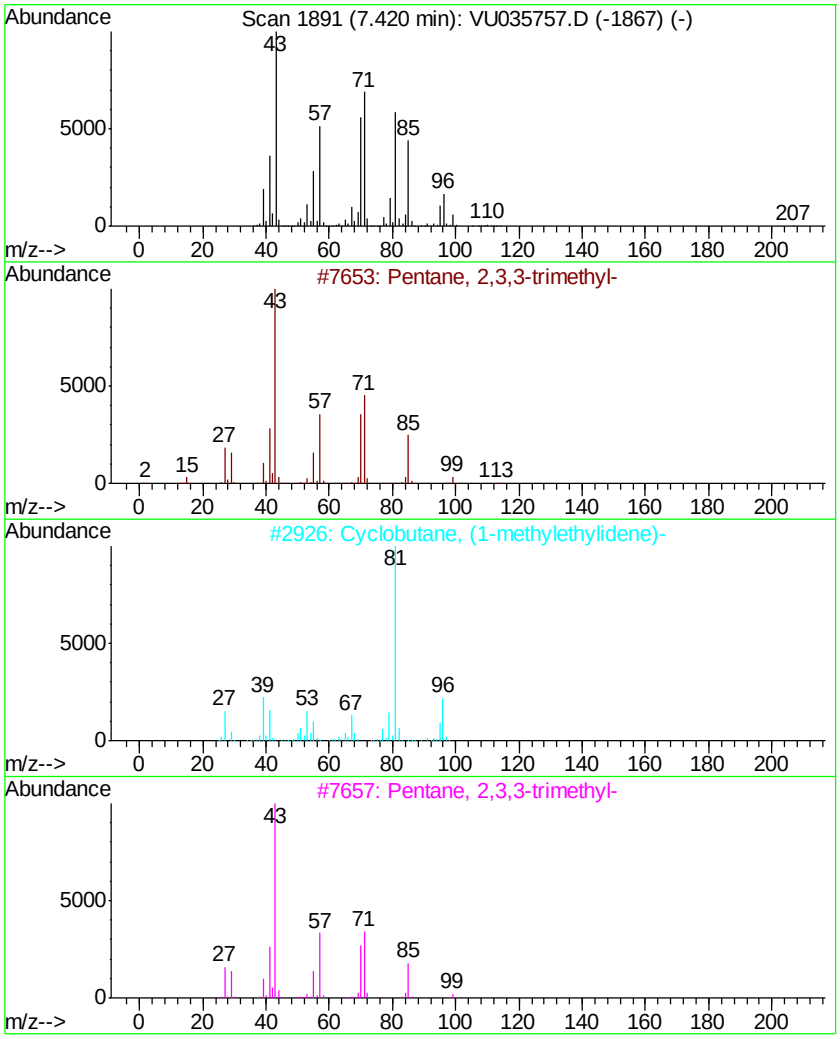
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

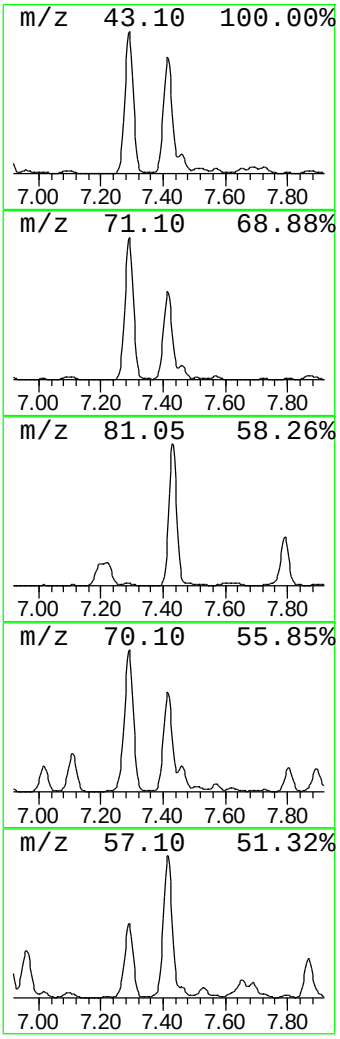
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	8.62 ug/L	15910000	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	64
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	53
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

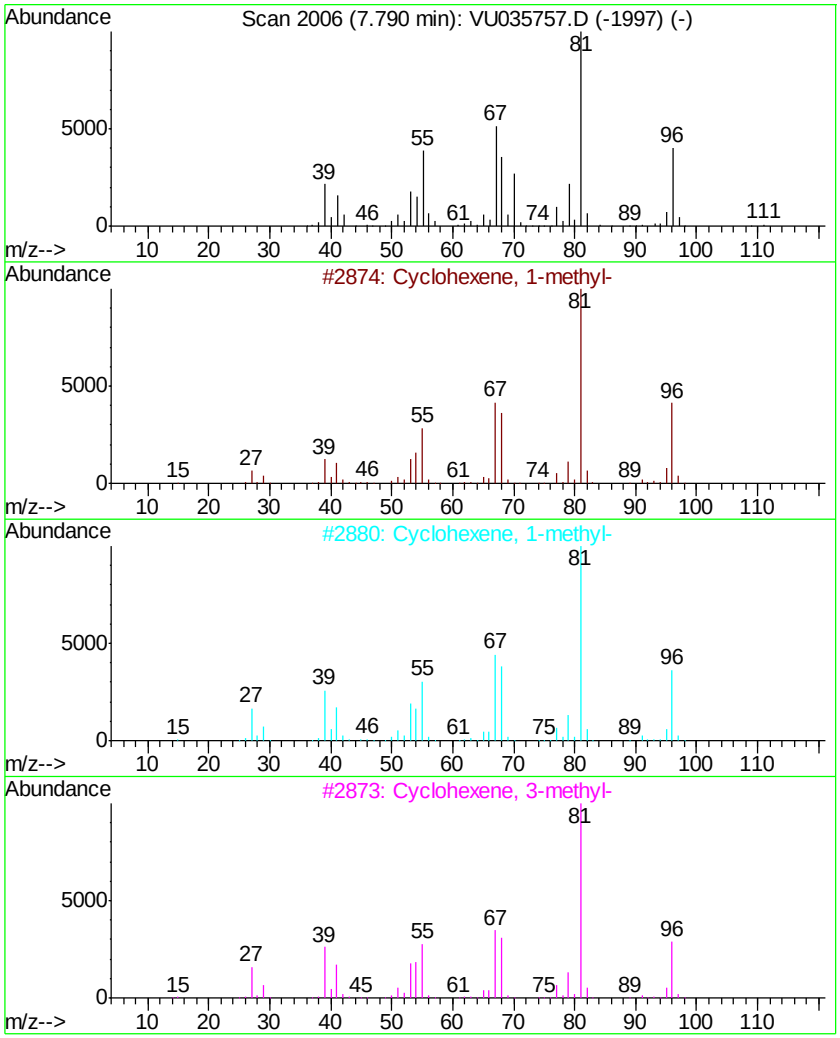
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

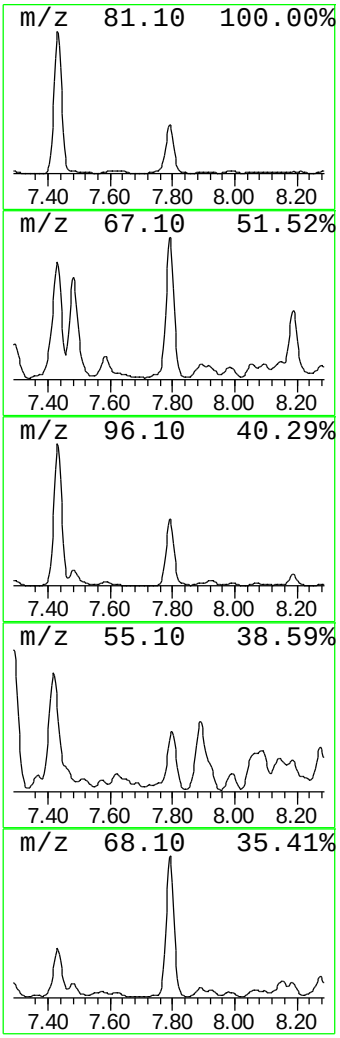
****

Peak Number 30 Cyclohexene, 1-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	1.65 ug/L	3041160	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	83
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

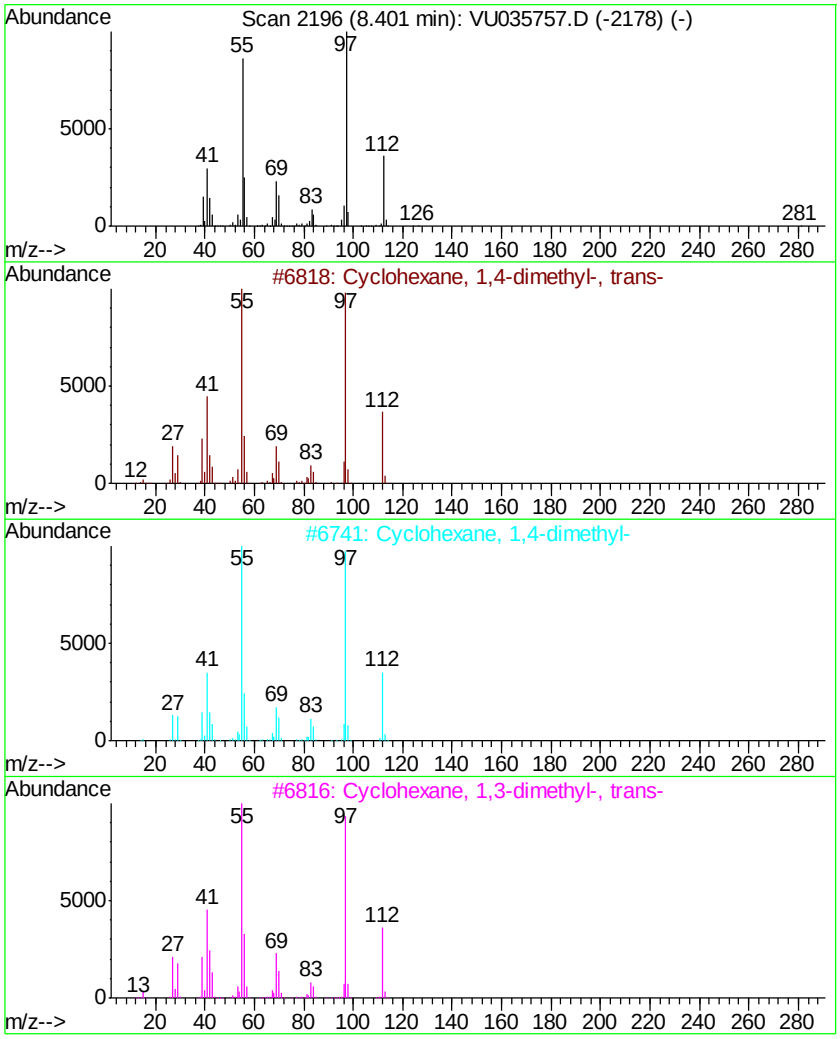
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

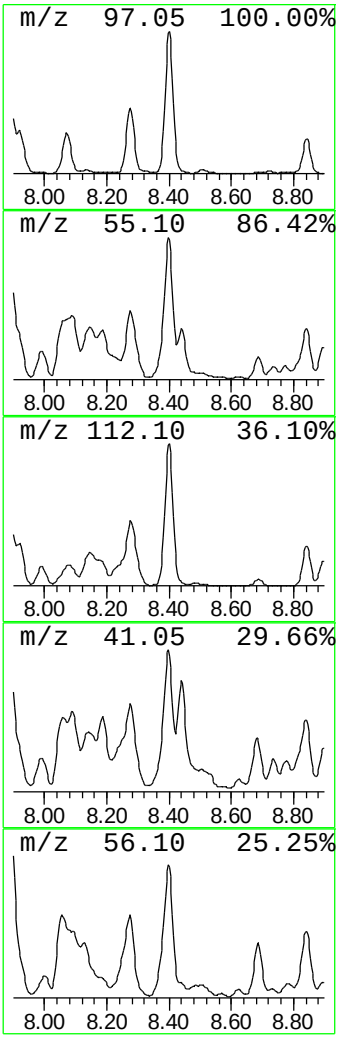
****

Peak Number 31 (DEL) Alkane: Cyclic8.40 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	0.78 ug/L	2354560	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

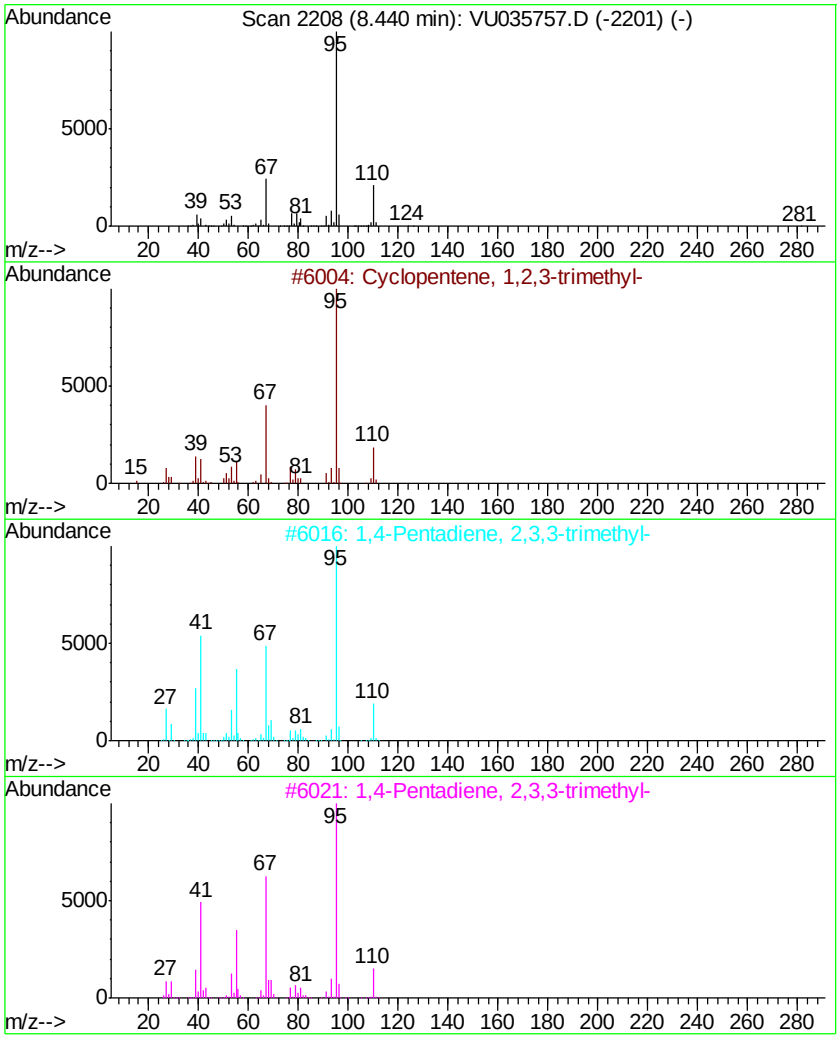
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

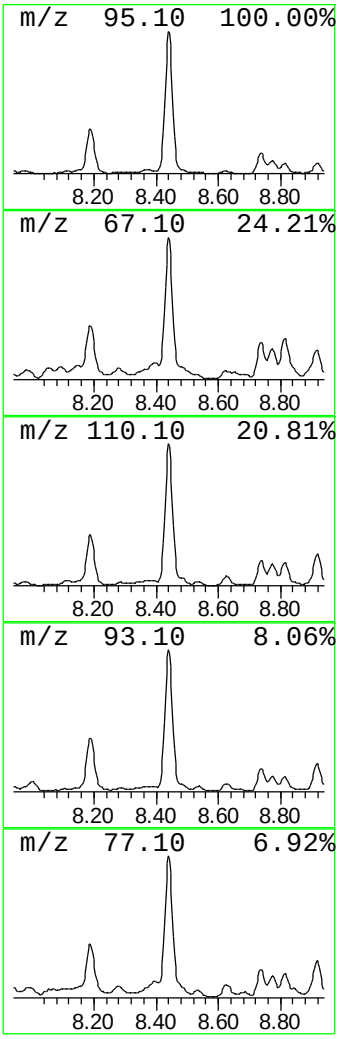
****

Peak Number 32 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	1.12 ug/L	3367120	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	90
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	64
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

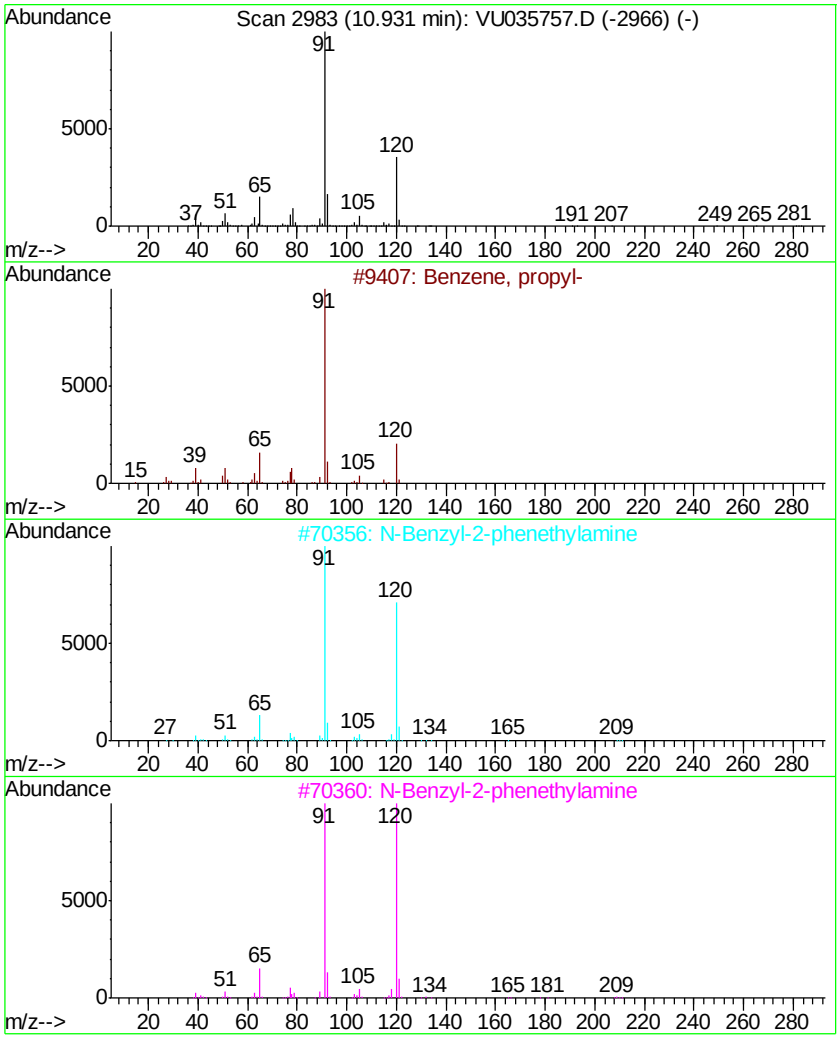
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

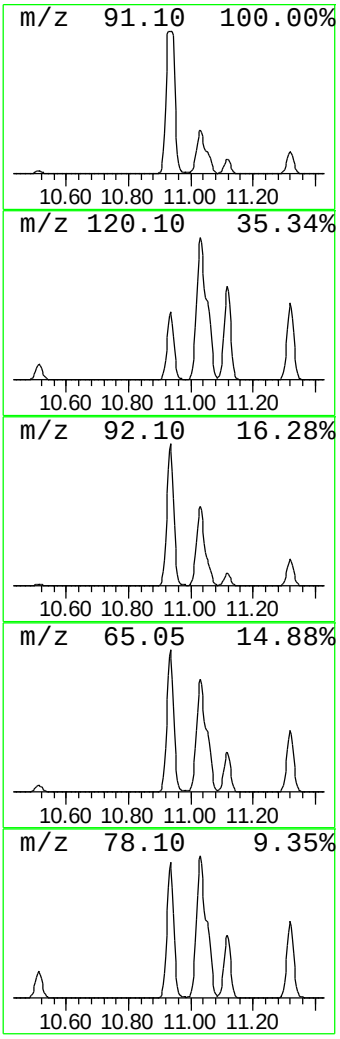
****

Peak Number 33 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	88.69 ug/L	39449700	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	Benzene, propyl-	120	C9H12	000103-65-1	70
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

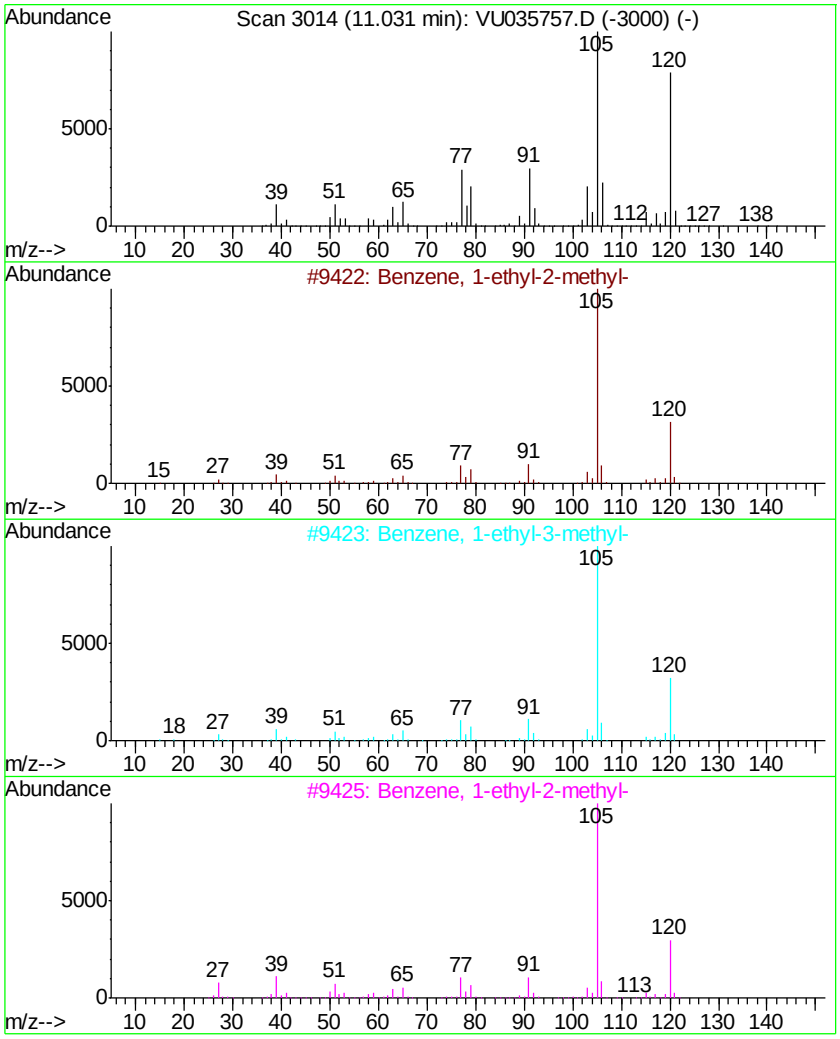
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

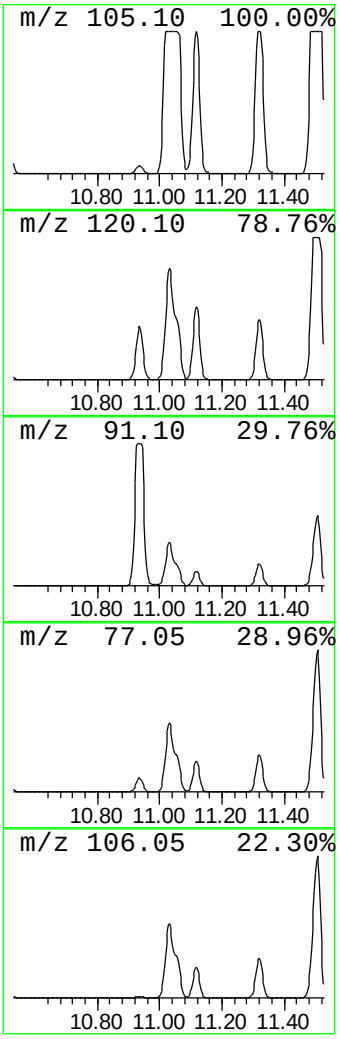
****

Peak Number 34 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	253.74 ug/L	112863000	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	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

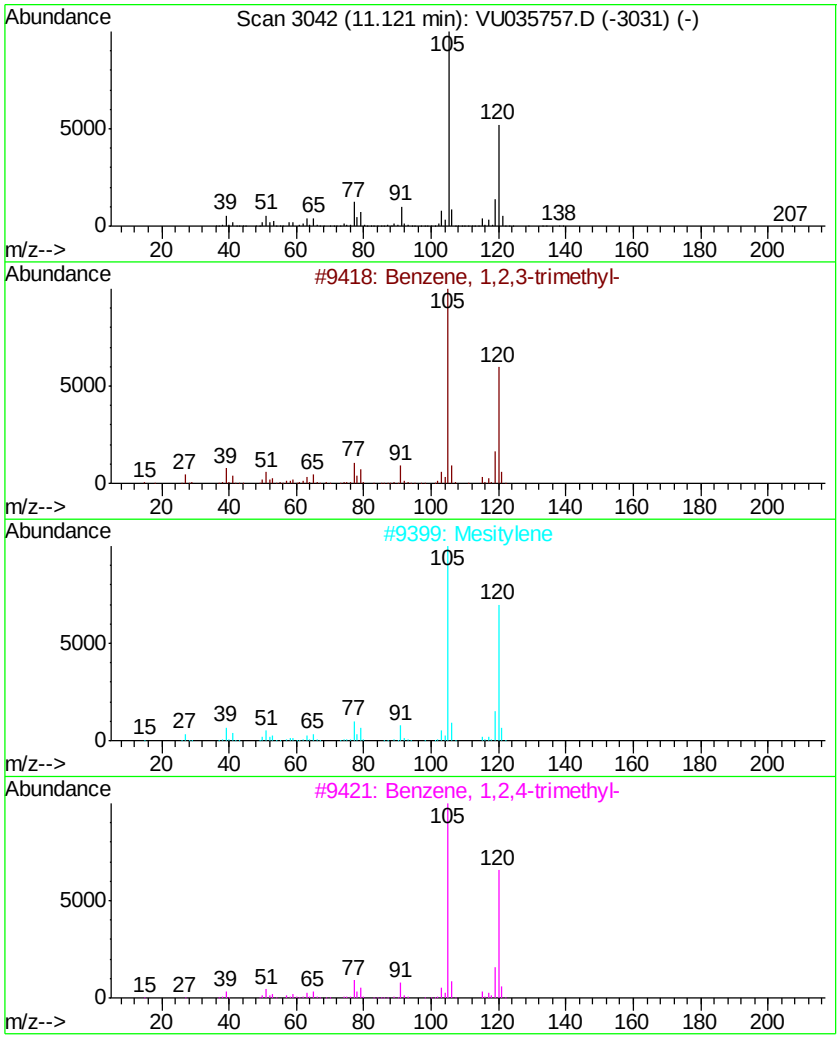
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

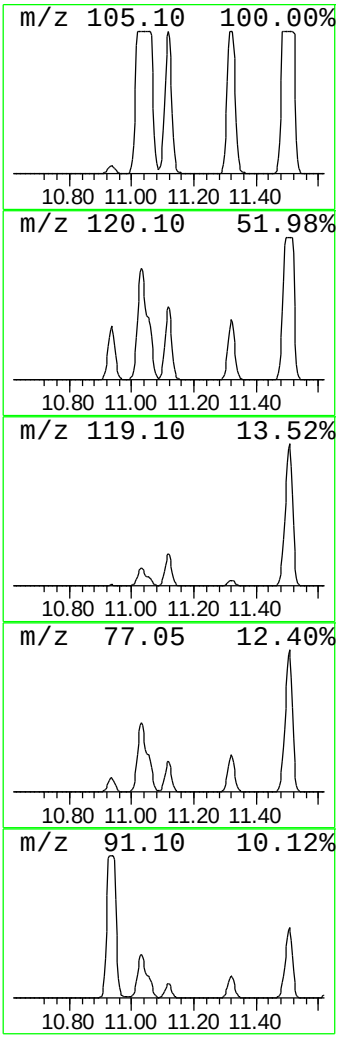
****

Peak Number 35 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	80.73 ug/L	35907200	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	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

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Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

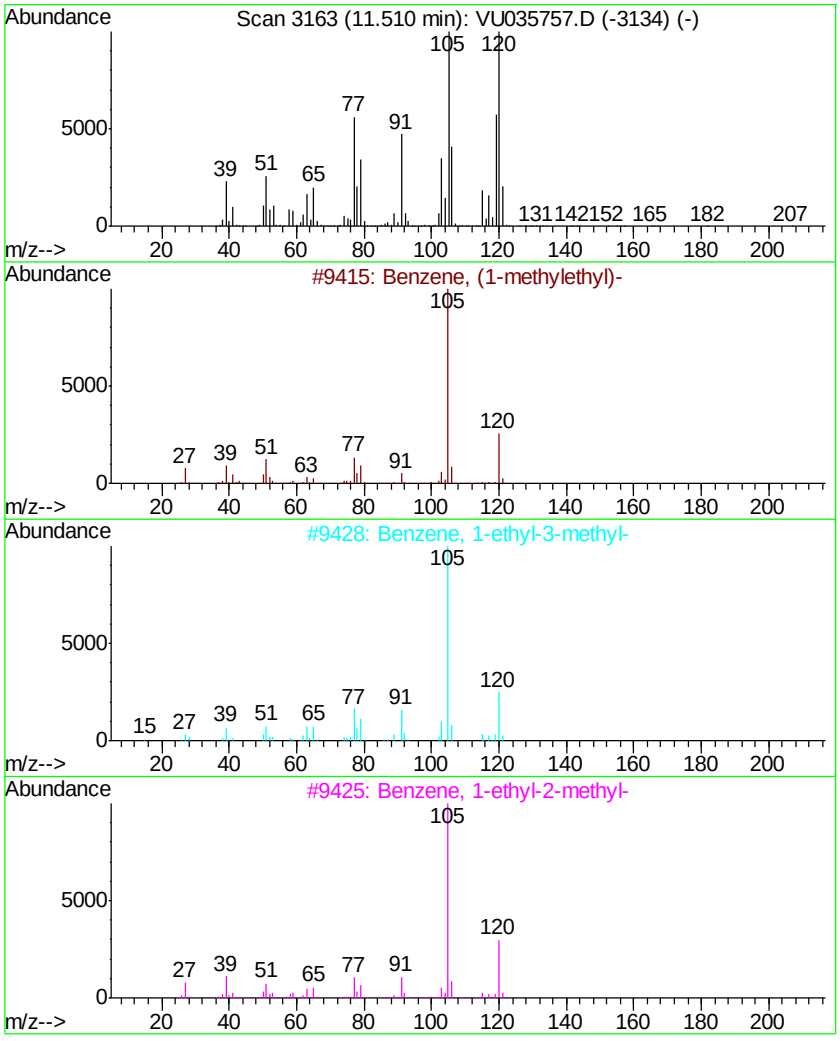
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

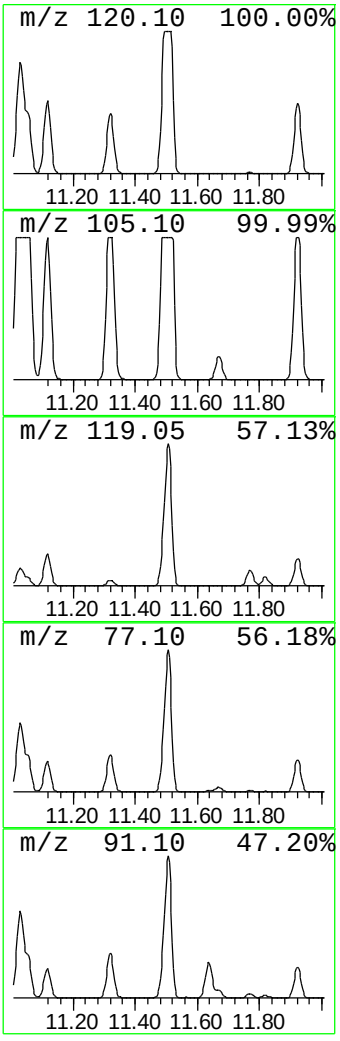
****

Peak Number 37 Benzene, (1-methylethyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	347.24 ug/L	154450000	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	58
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	47
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	47
5	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

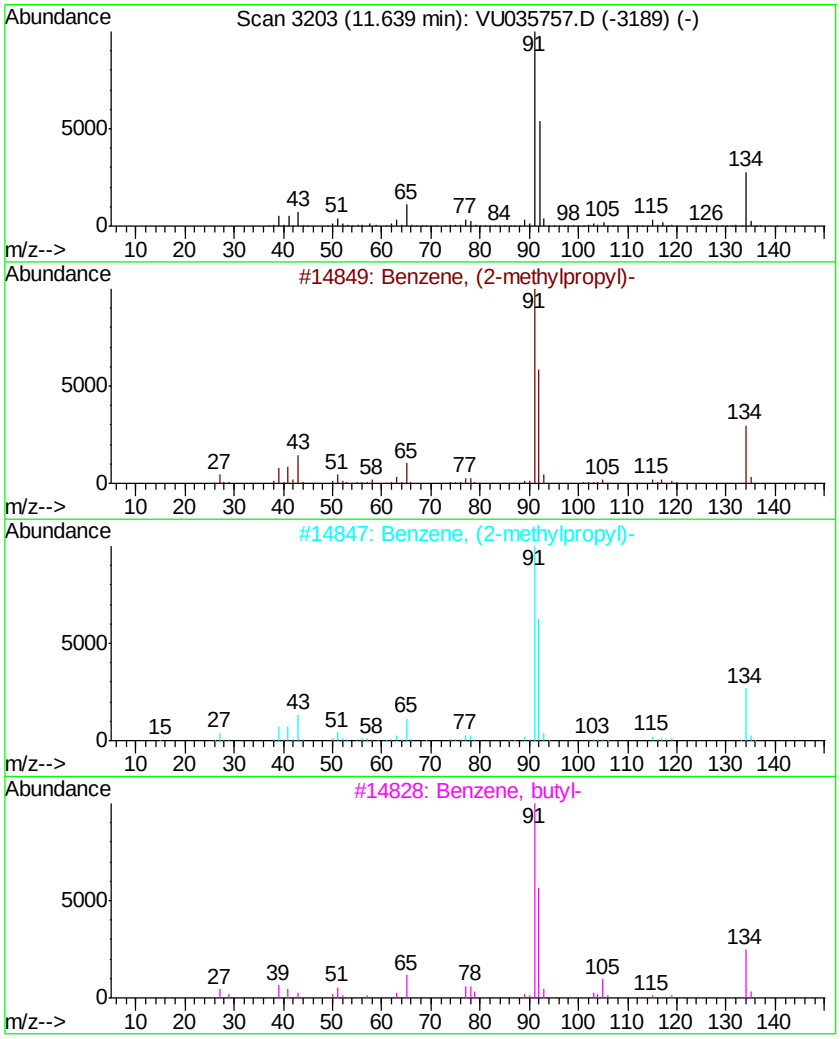
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

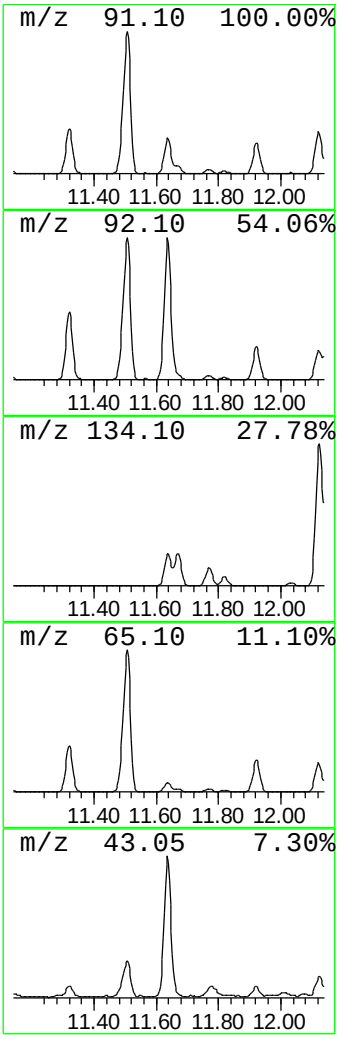
****

Peak Number 38 Benzene, (2-methylpropyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	9.50 ug/L	4223650	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
3	Benzene, butyl-	134	C10H14	000104-51-8	90
4	Benzene, butyl-	134	C10H14	000104-51-8	78
5	Benzene, butyl-	134	C10H14	000104-51-8	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

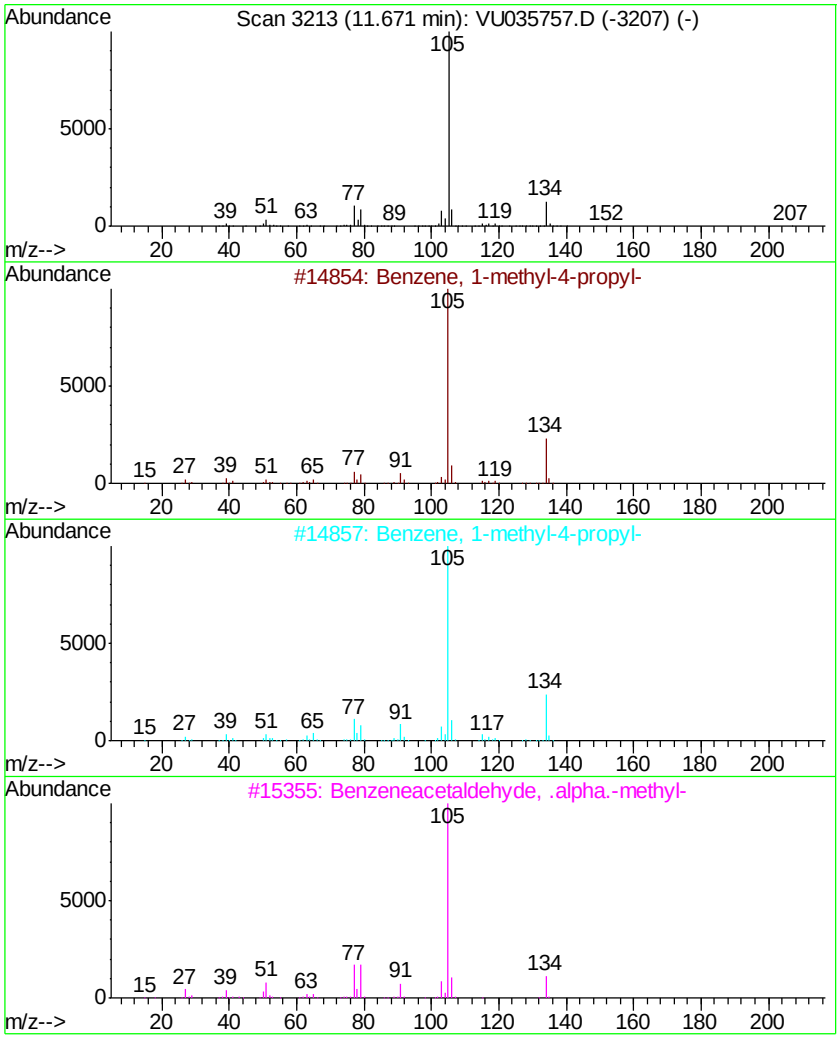
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

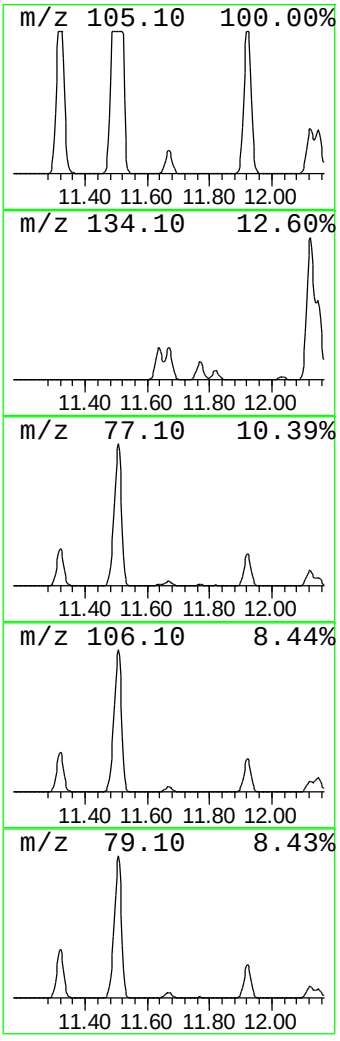
****

Peak Number 39 Benzene, 1-methyl-4-propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	10.30 ug/L	4582810	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	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	72
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

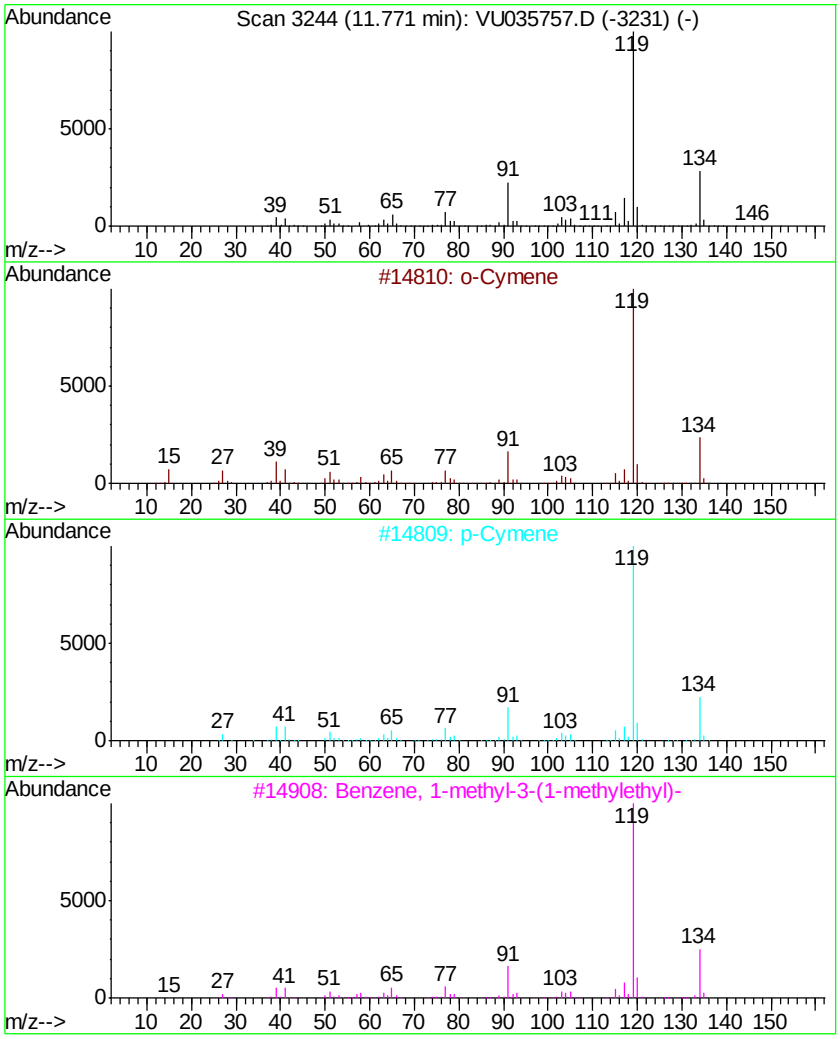
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

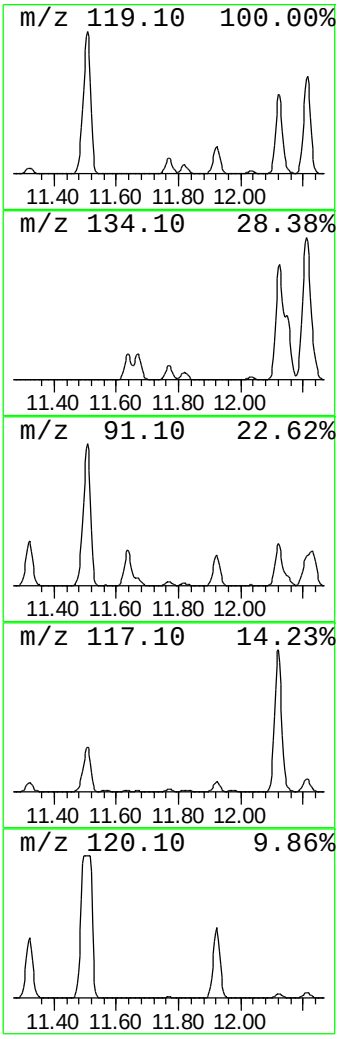
****

Peak Number 40 o-Cymene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.23 ug/L	2324230	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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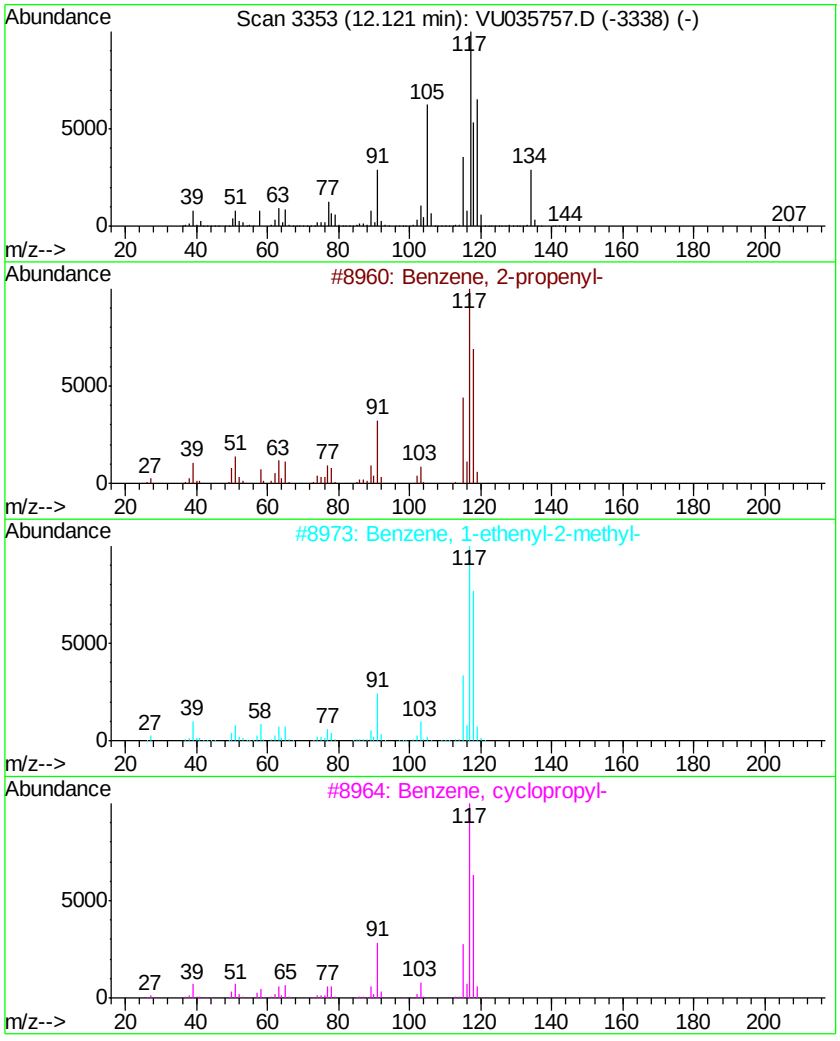
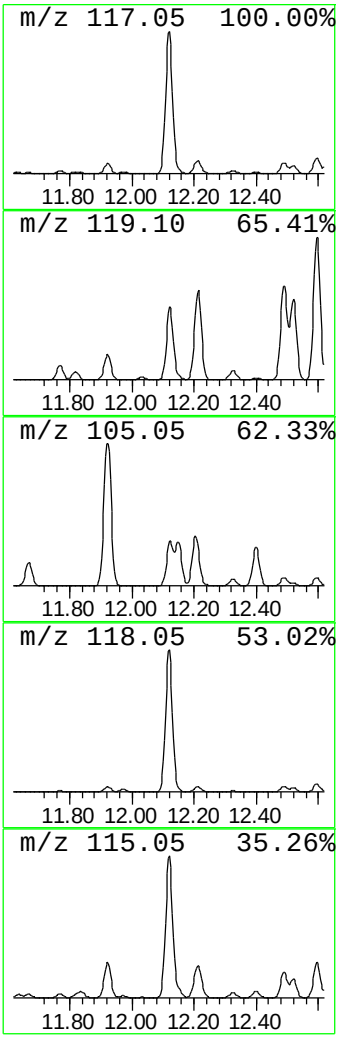
Peak Number 42 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	98.42 ug/L	43777400	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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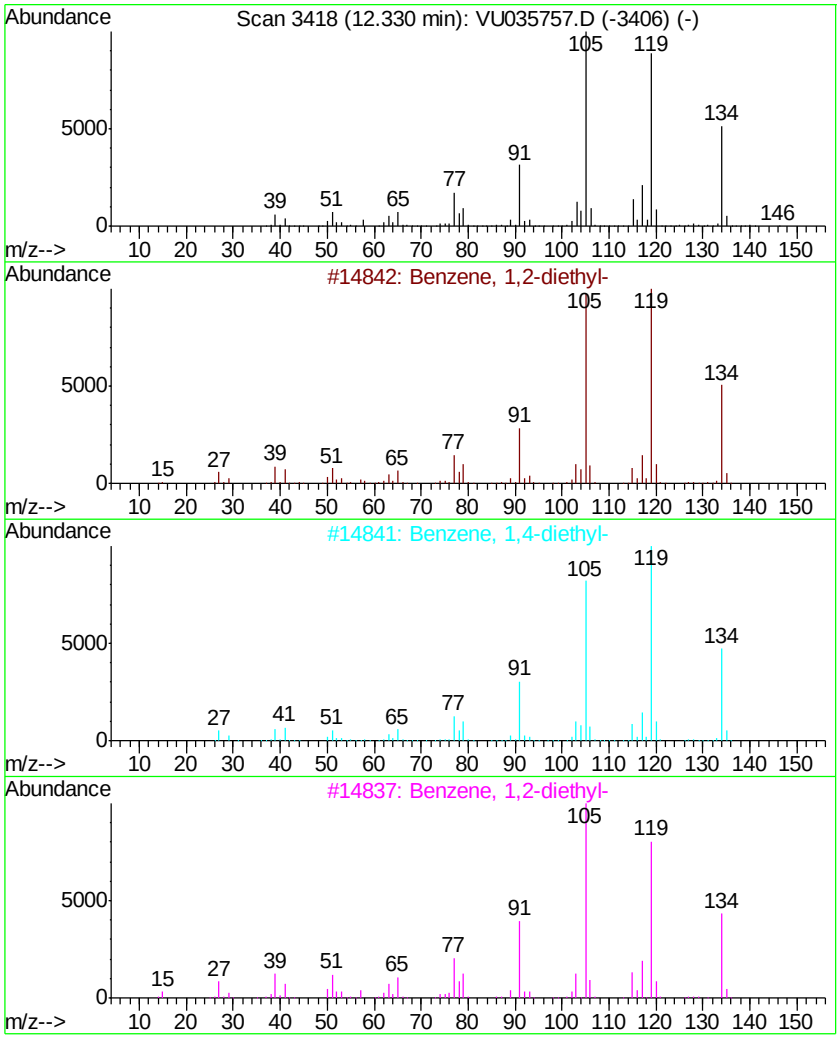
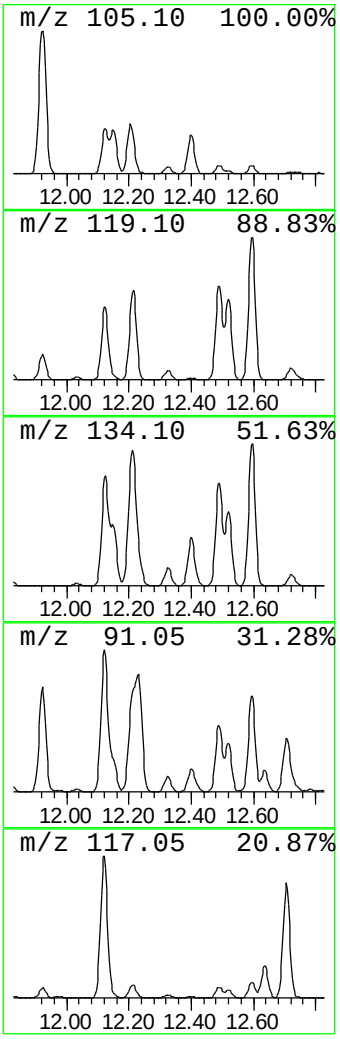
Peak Number 43 Benzene, 1,2-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.48 ug/L	2880610	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

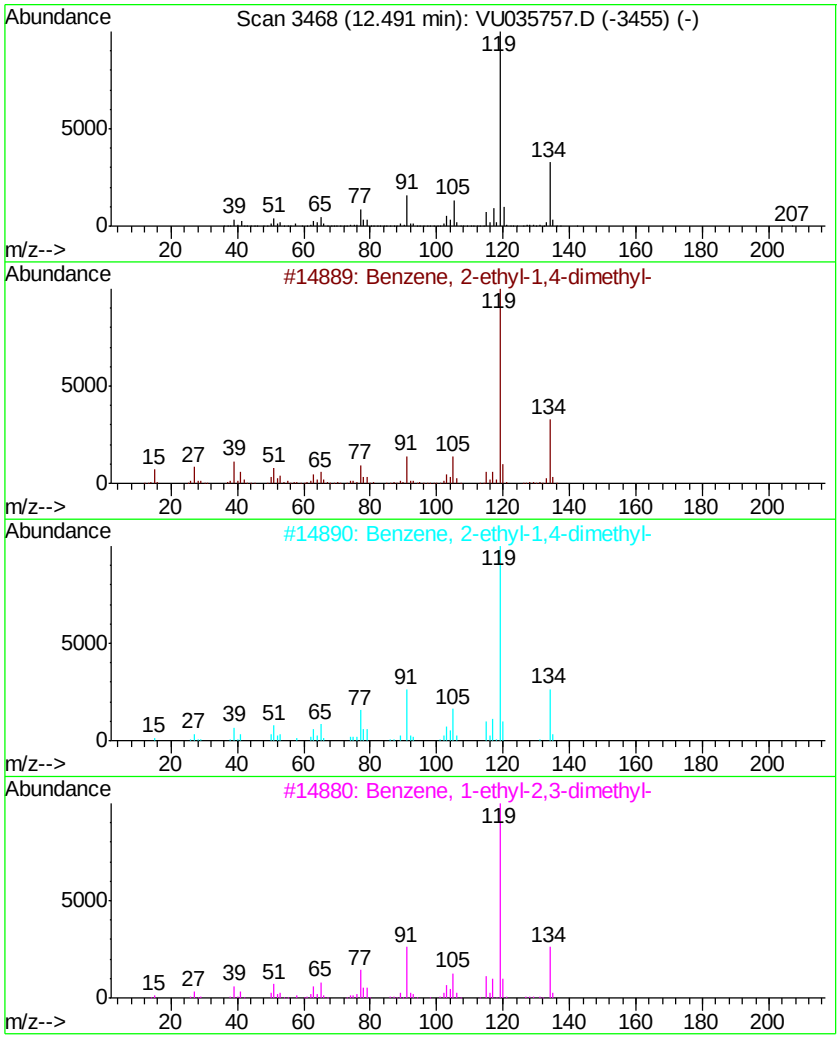
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

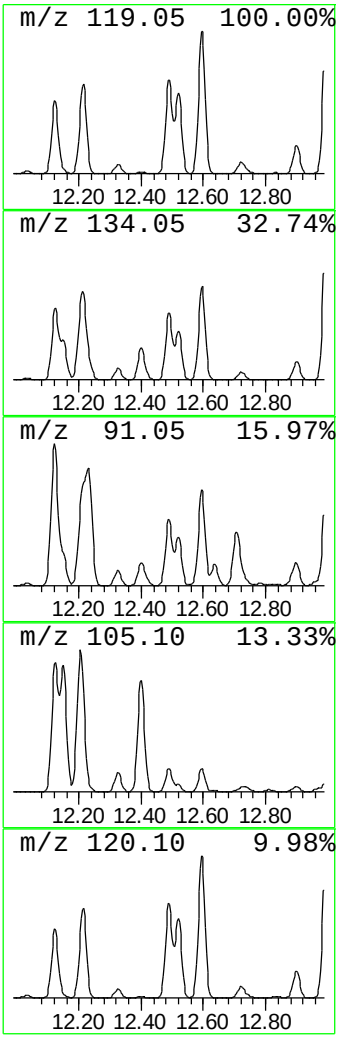
****

Peak Number 45 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	34.81 ug/L	15481900	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

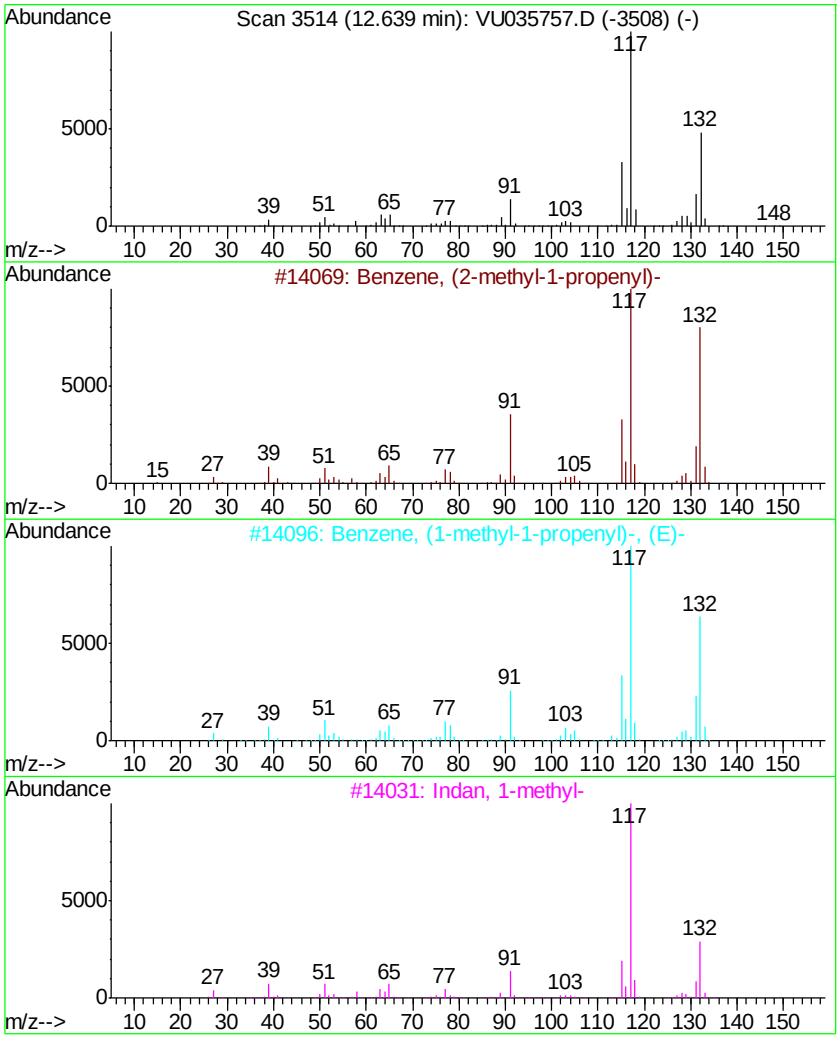
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

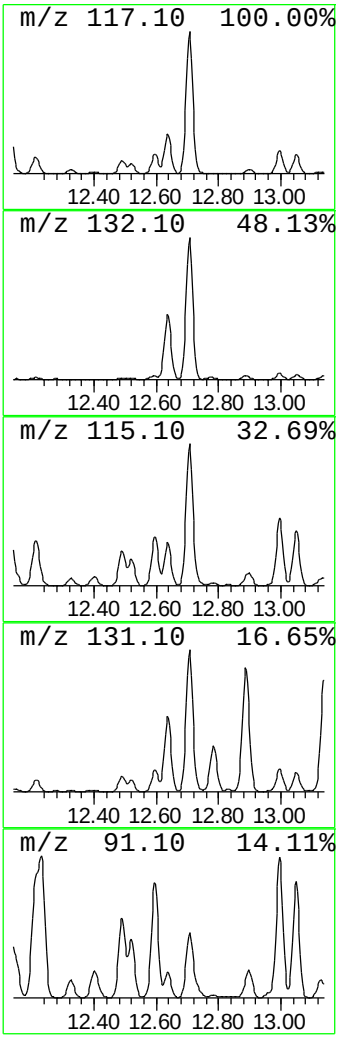
****

Peak Number 48 Benzene, (2-methyl-1-propen... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	10.60 ug/L	4716950	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

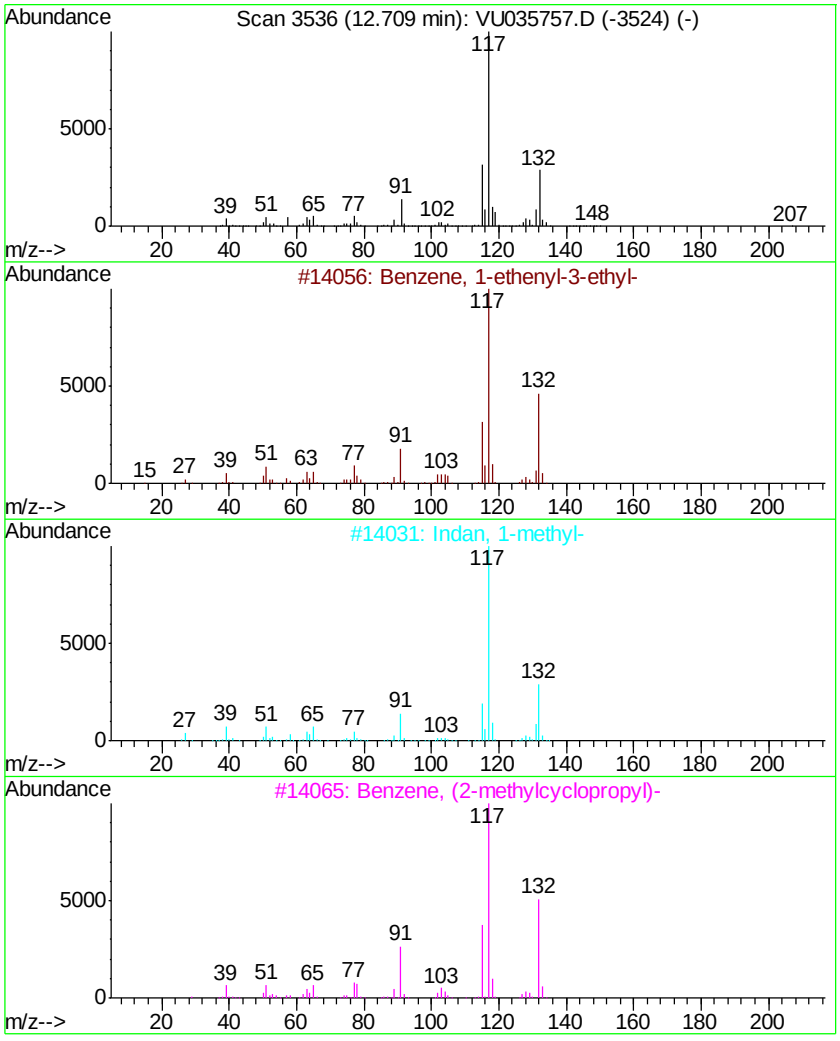
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

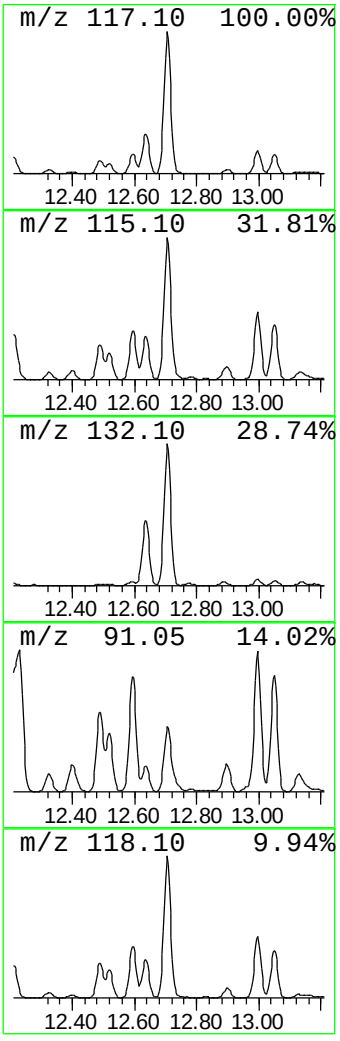
****

Peak Number 49 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	37.60 ug/L	16723500	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

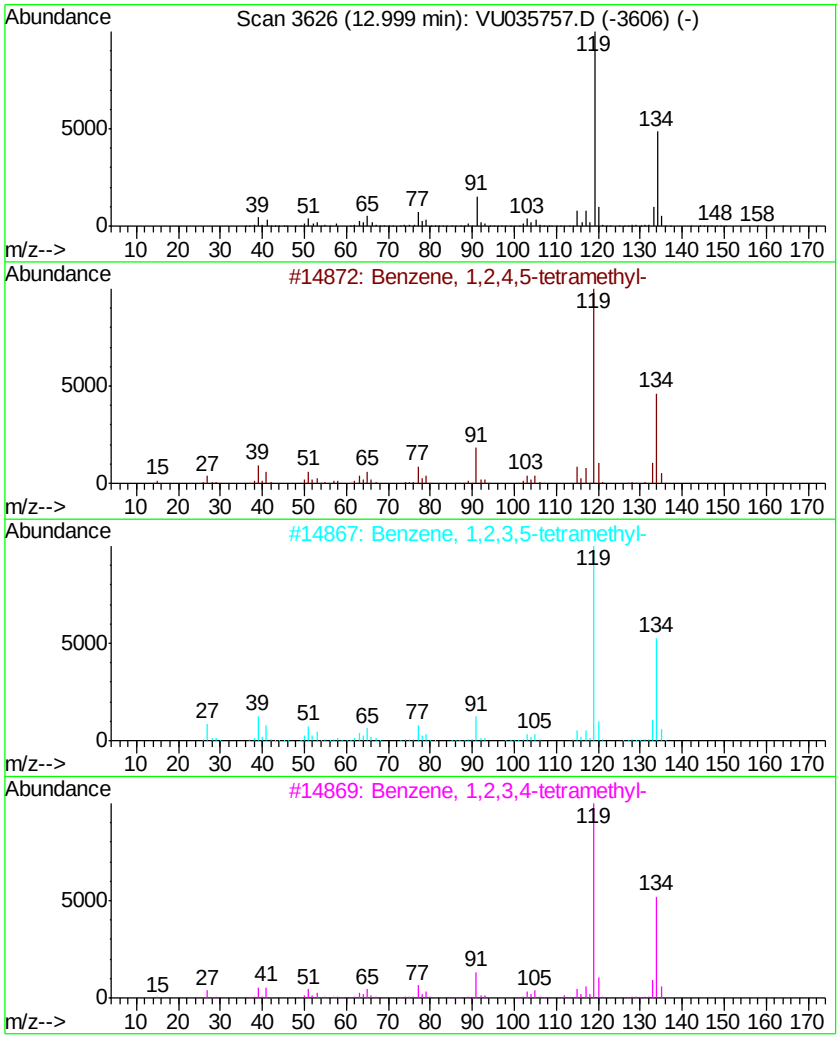
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

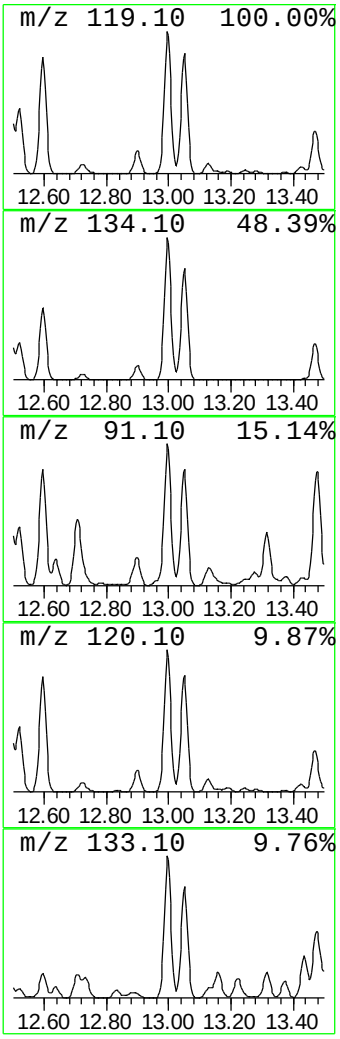
****

Peak Number 51 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	64.22 ug/L	28564900	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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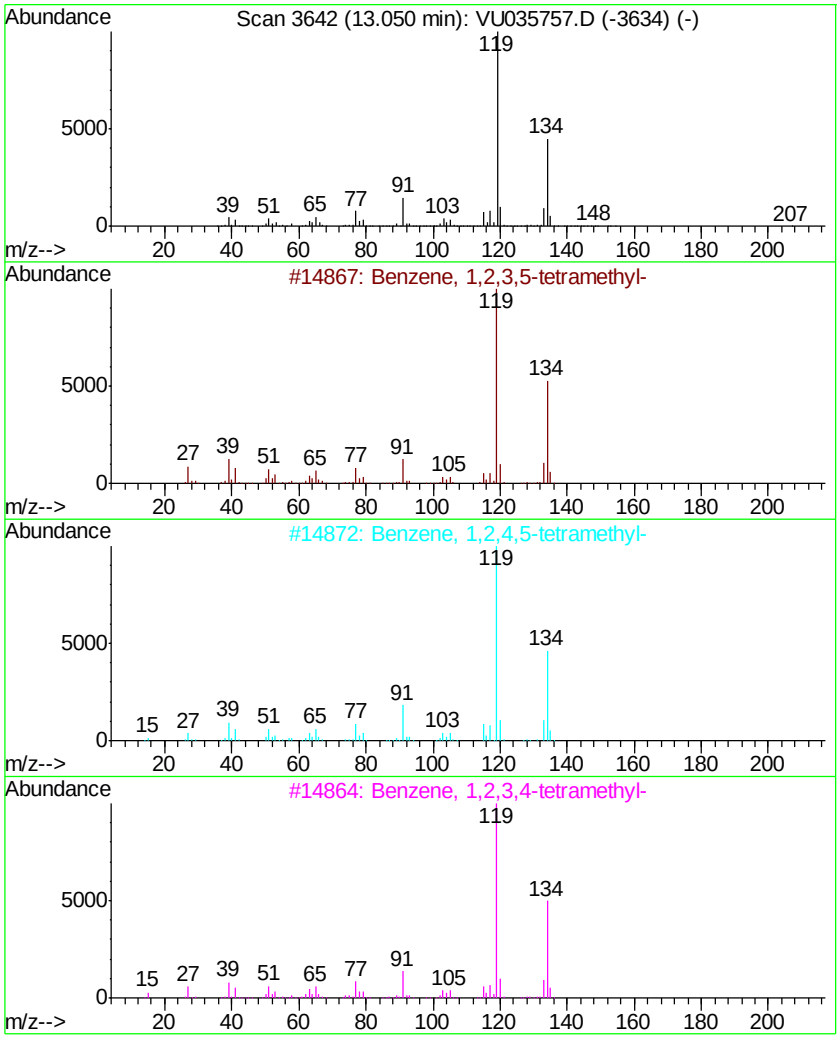
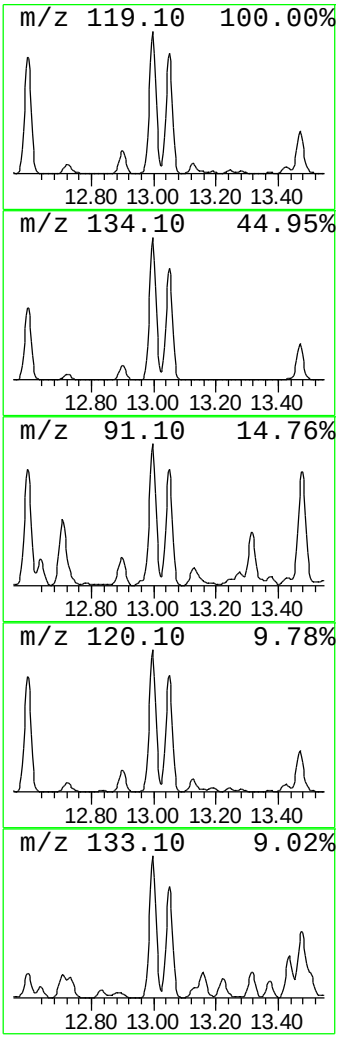
Peak Number 52 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	50.66 ug/L	22533600	1,4-Dichlorobenzene-d4	11.84

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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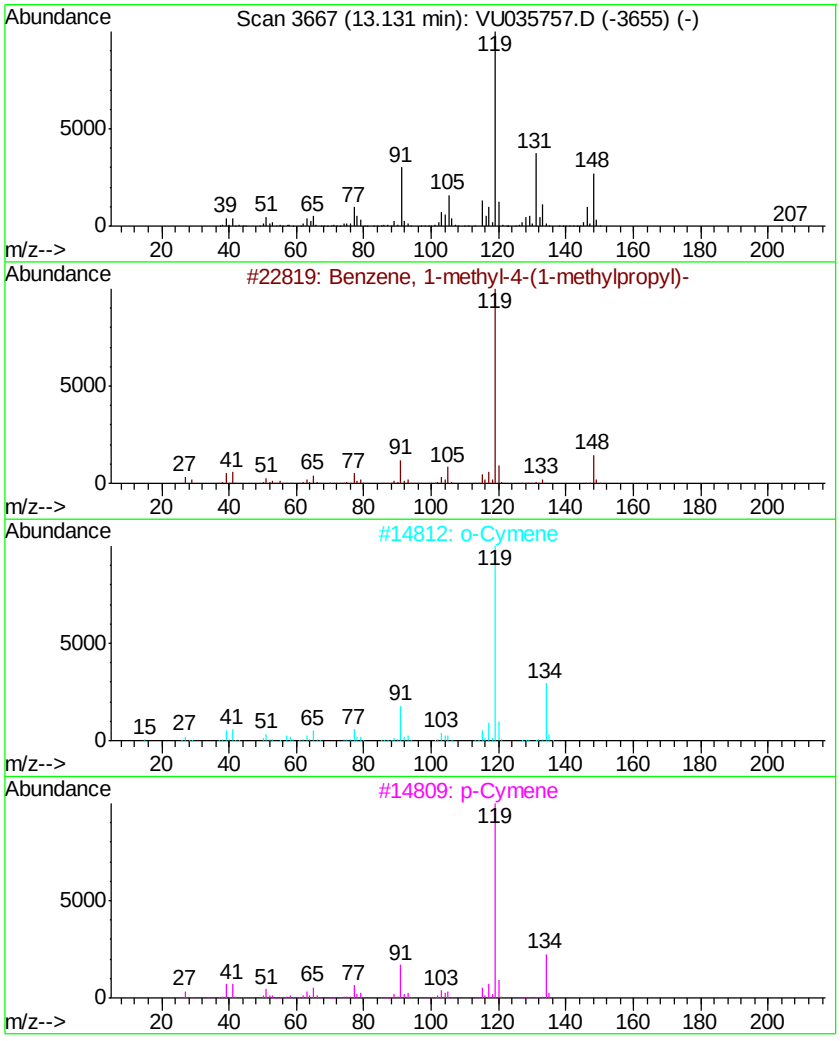
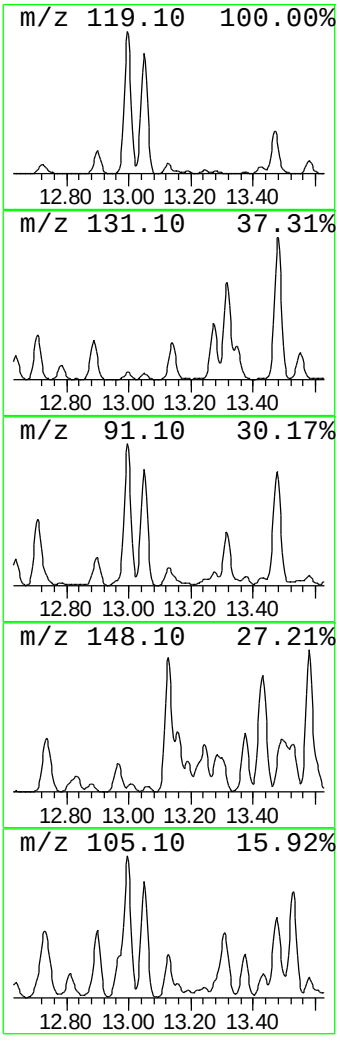
Peak Number 53 Benzene, 1-methyl-4-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	8.47 ug/L	3768890	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	o-Cymene	134	C10H14	000527-84-4	55
3	p-Cymene	134	C10H14	000099-87-6	55
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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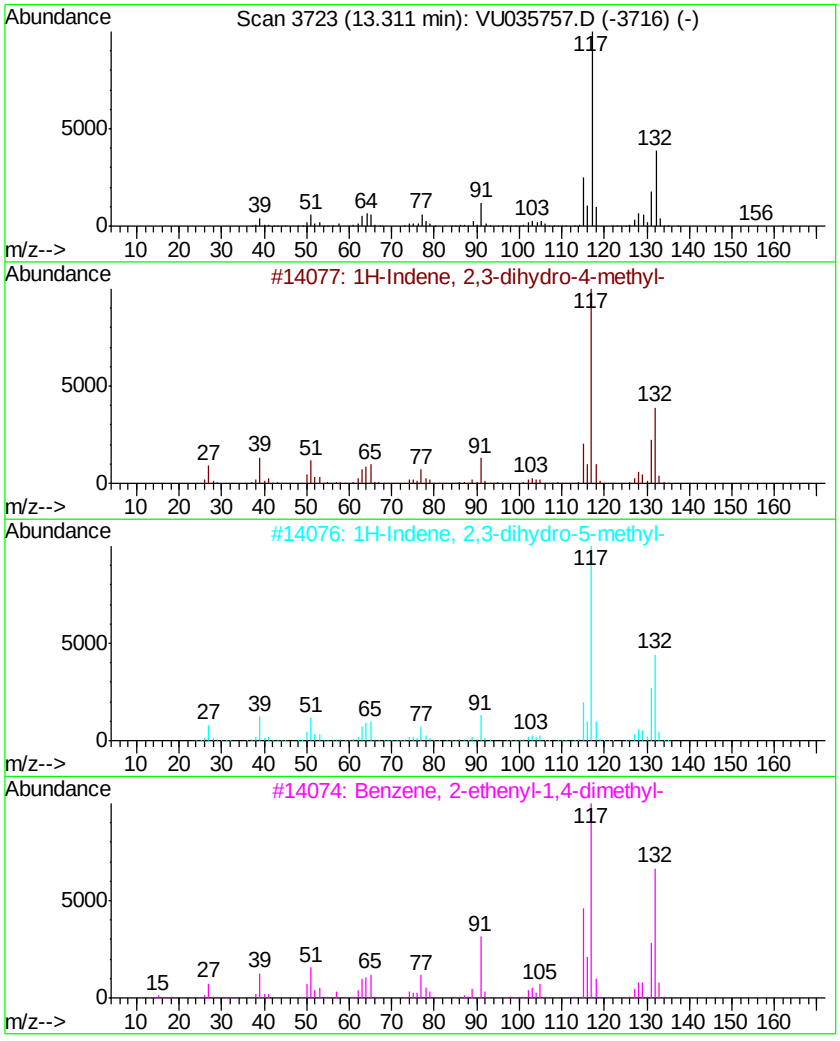
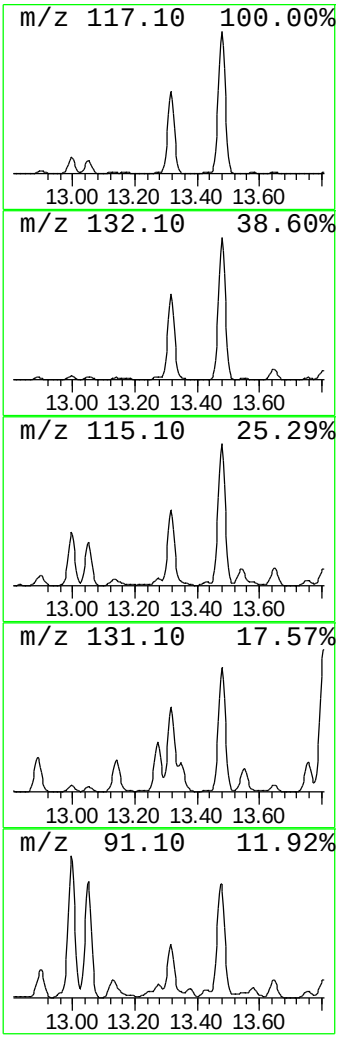
Peak Number 54 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	28.43 ug/L	12646200	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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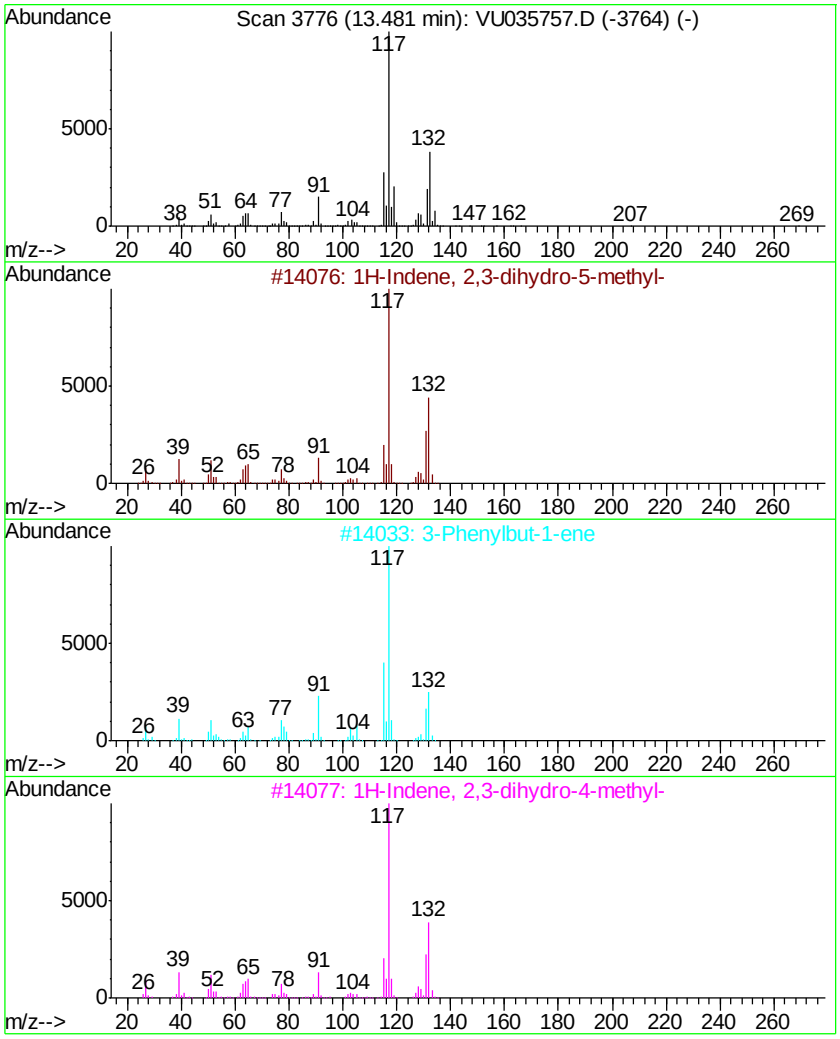
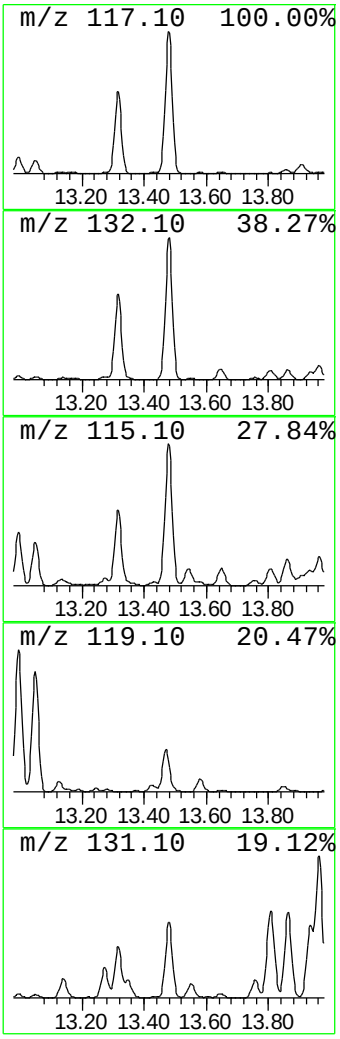
Peak Number 55 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	71.03 ug/L	31592800	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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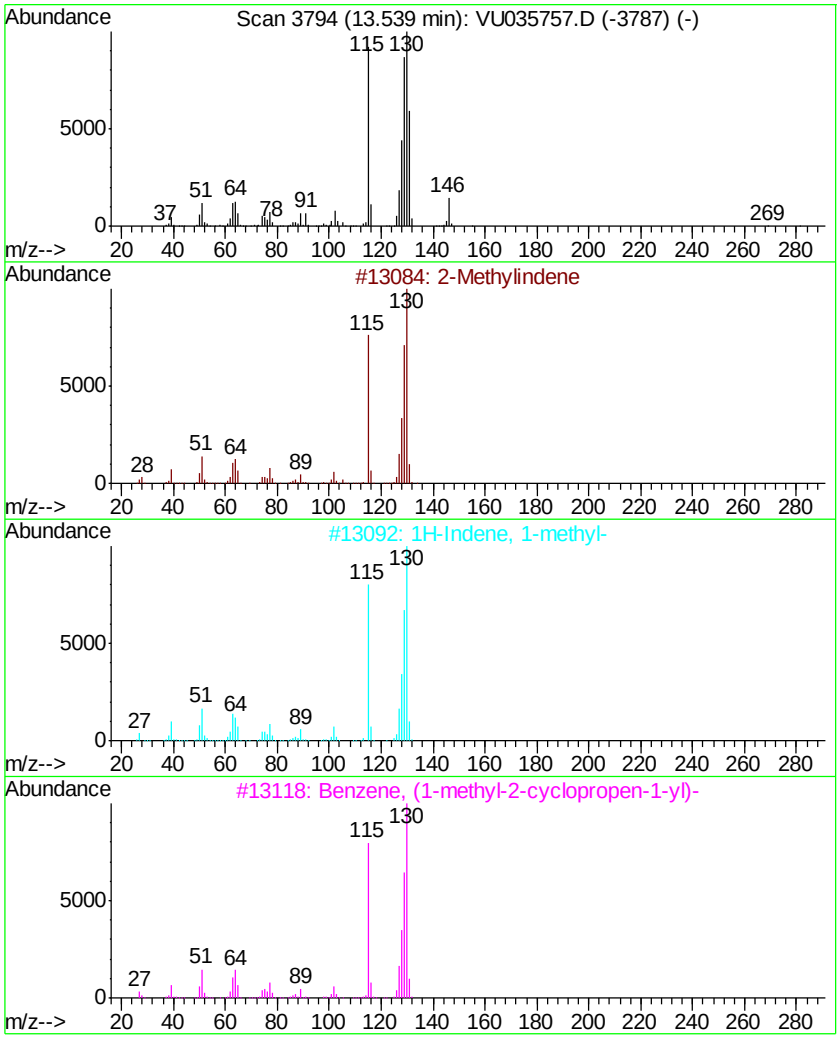
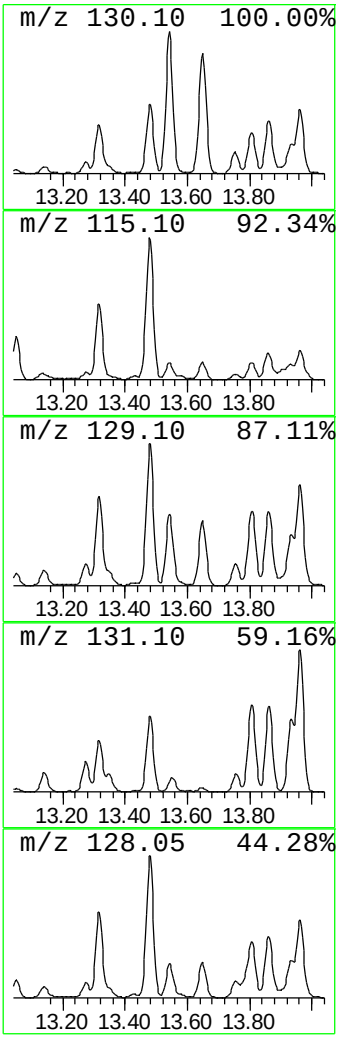
Peak Number 56 2-Methylindene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	5.20 ug/L	2312860	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	93
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	83
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

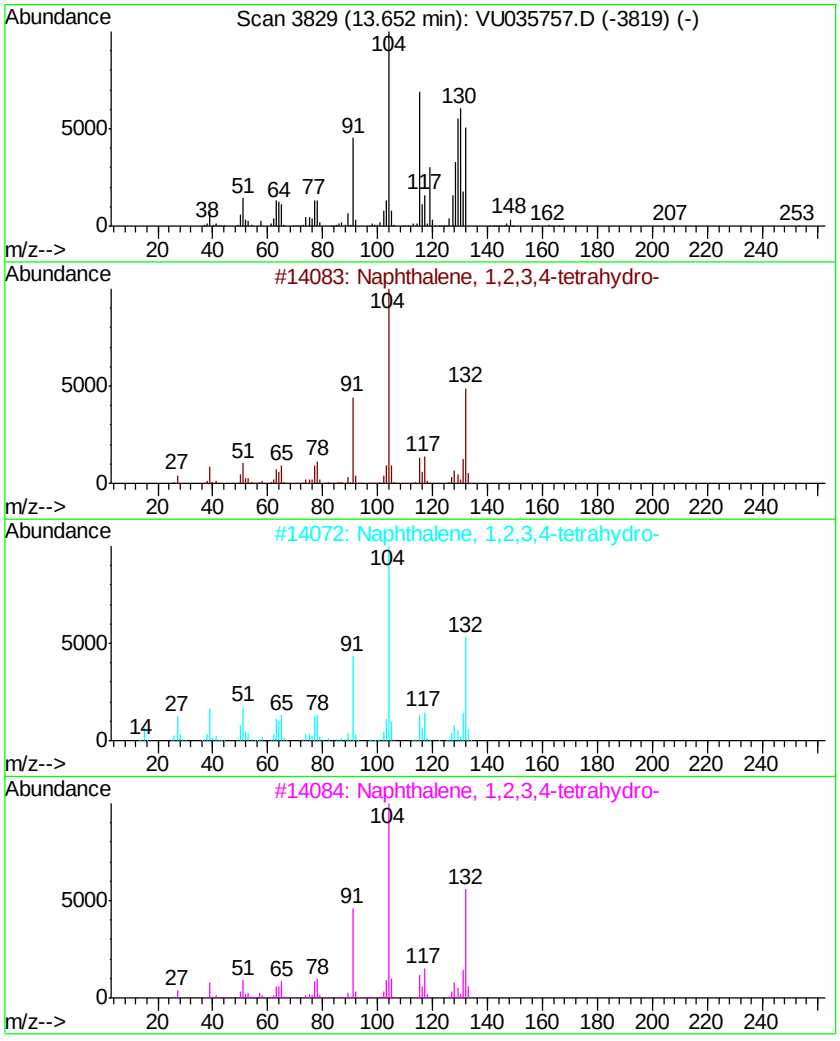
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

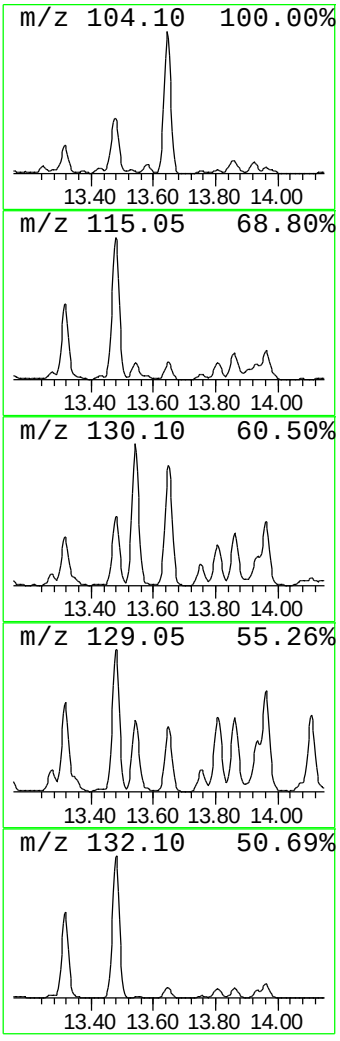
****

Peak Number 58 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.81 ug/L	3027300	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	84
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	84





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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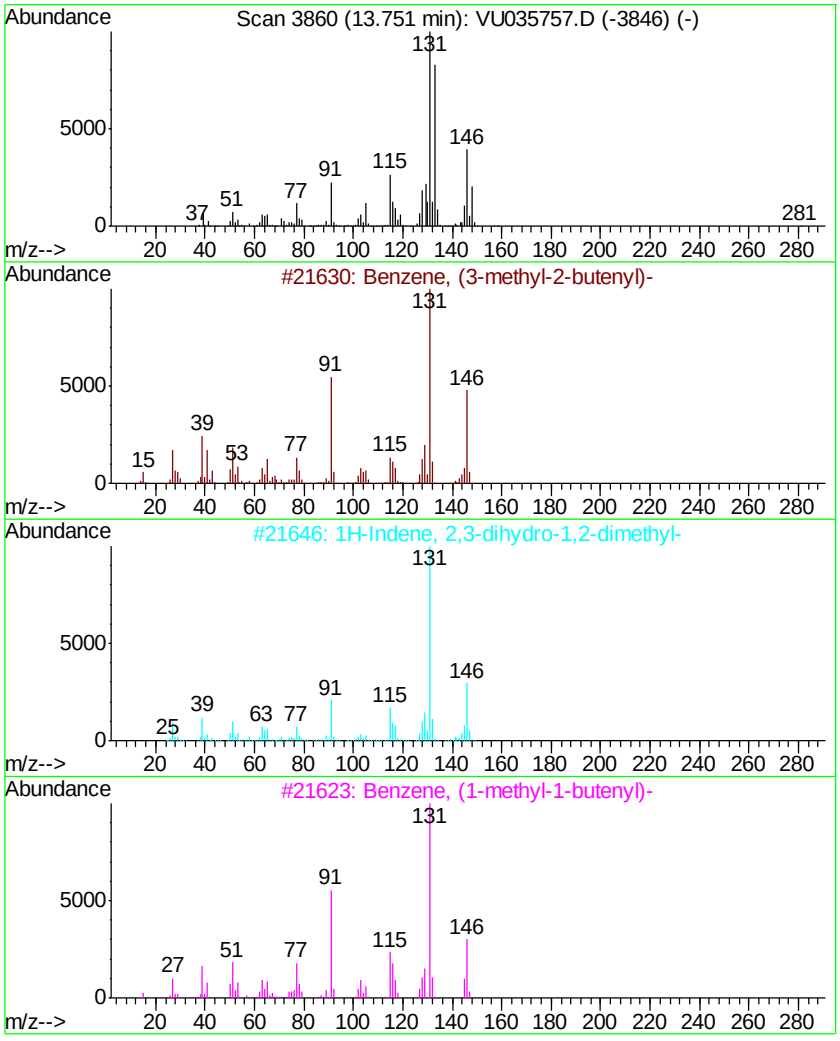
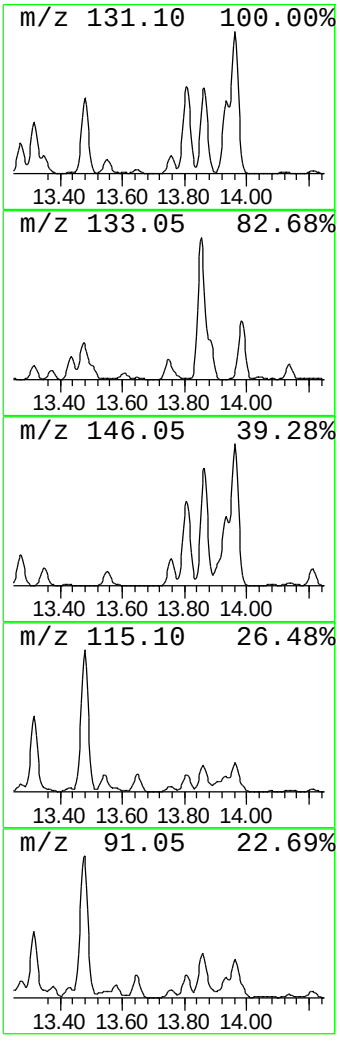
Peak Number 59 Benzene, (3-methyl-2-butenyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.43 ug/L	1970000	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

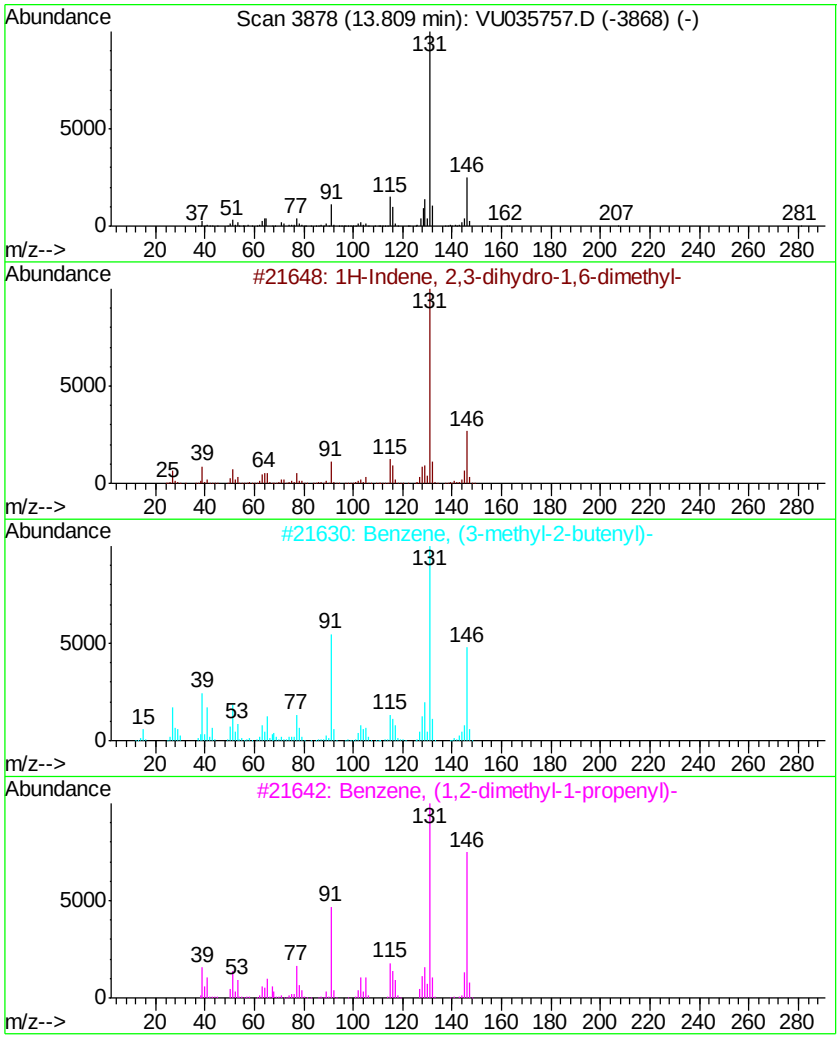
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

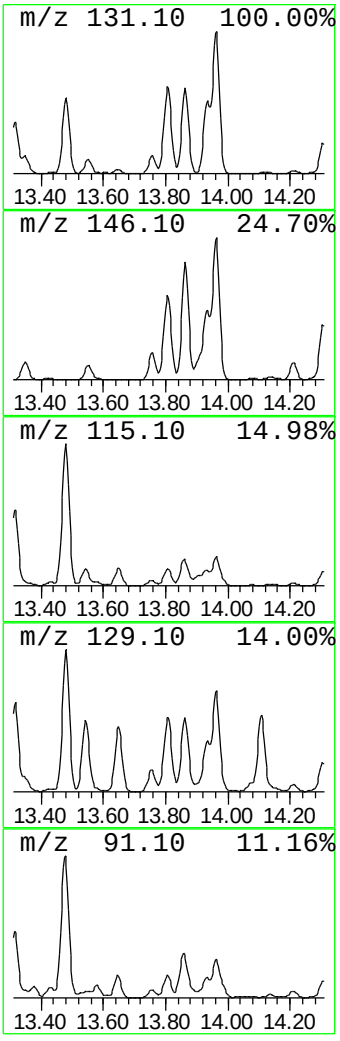
****

Peak Number 60 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	11.21 ug/L	4987800	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

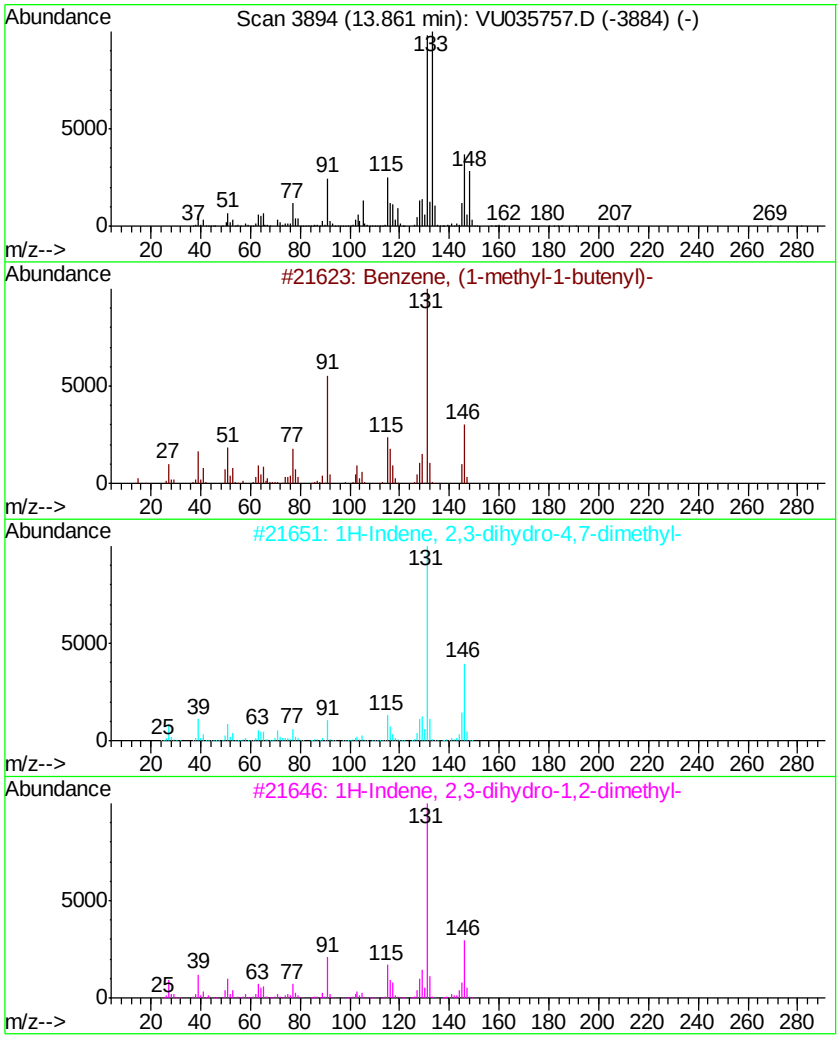
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

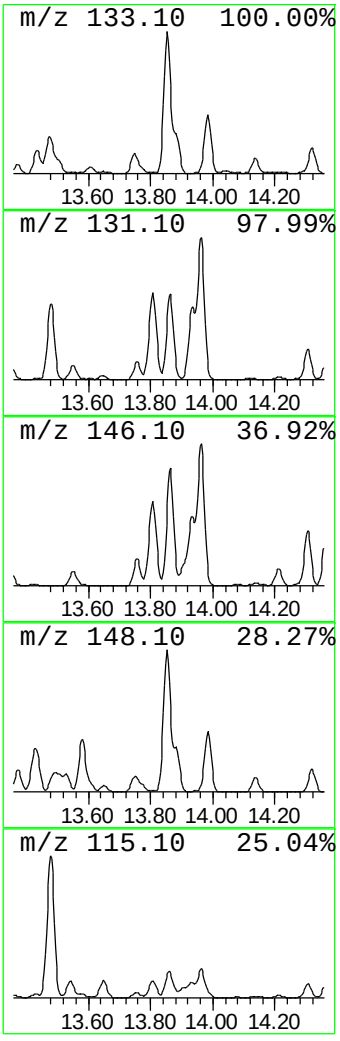
****

Peak Number 61 Benzene, (1-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	26.94 ug/L	11982100	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	52
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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

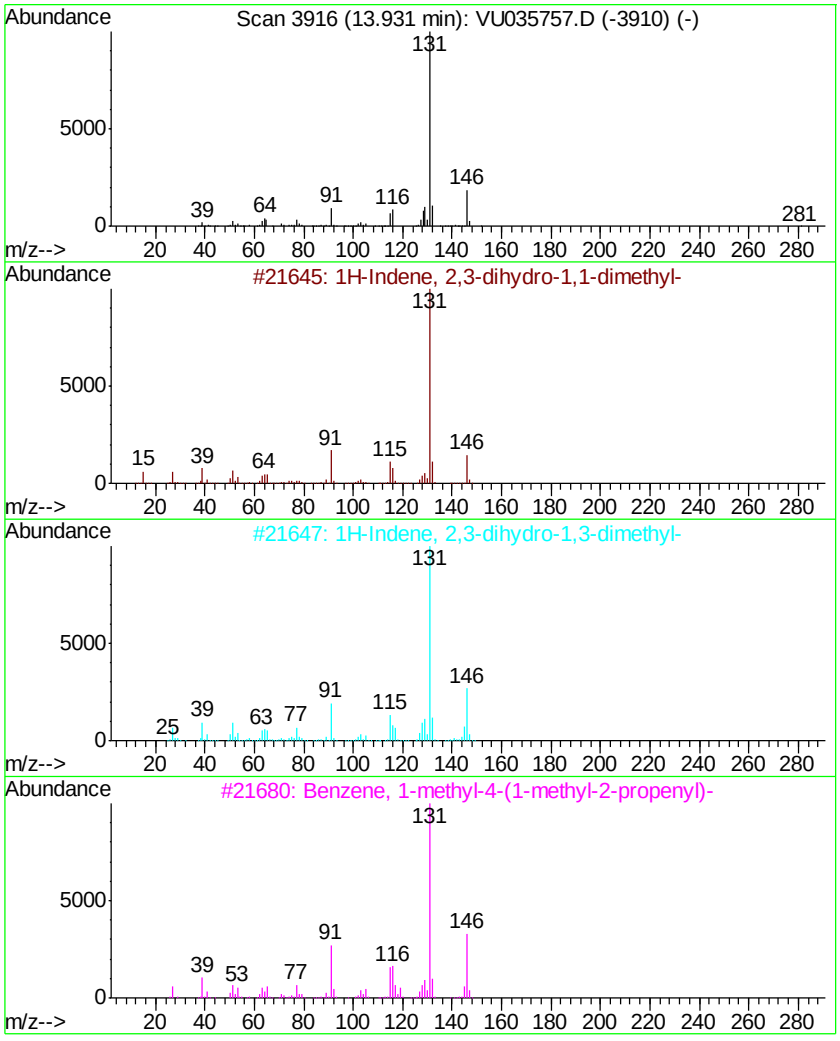
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

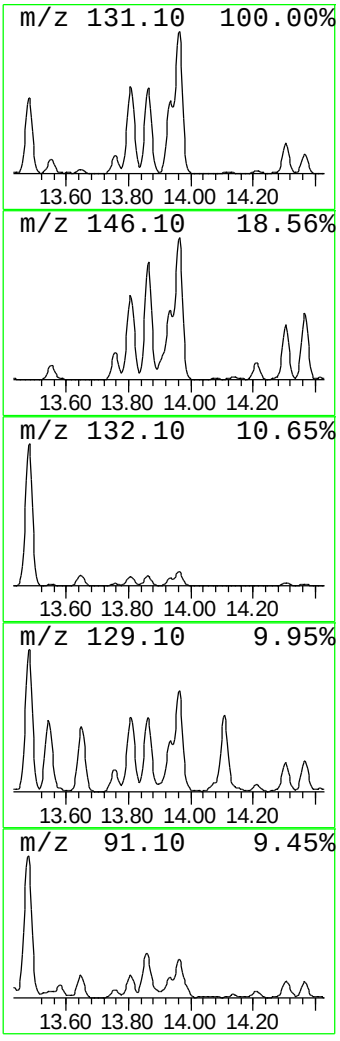
****

Peak Number 62 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	7.44 ug/L	3309390	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	86
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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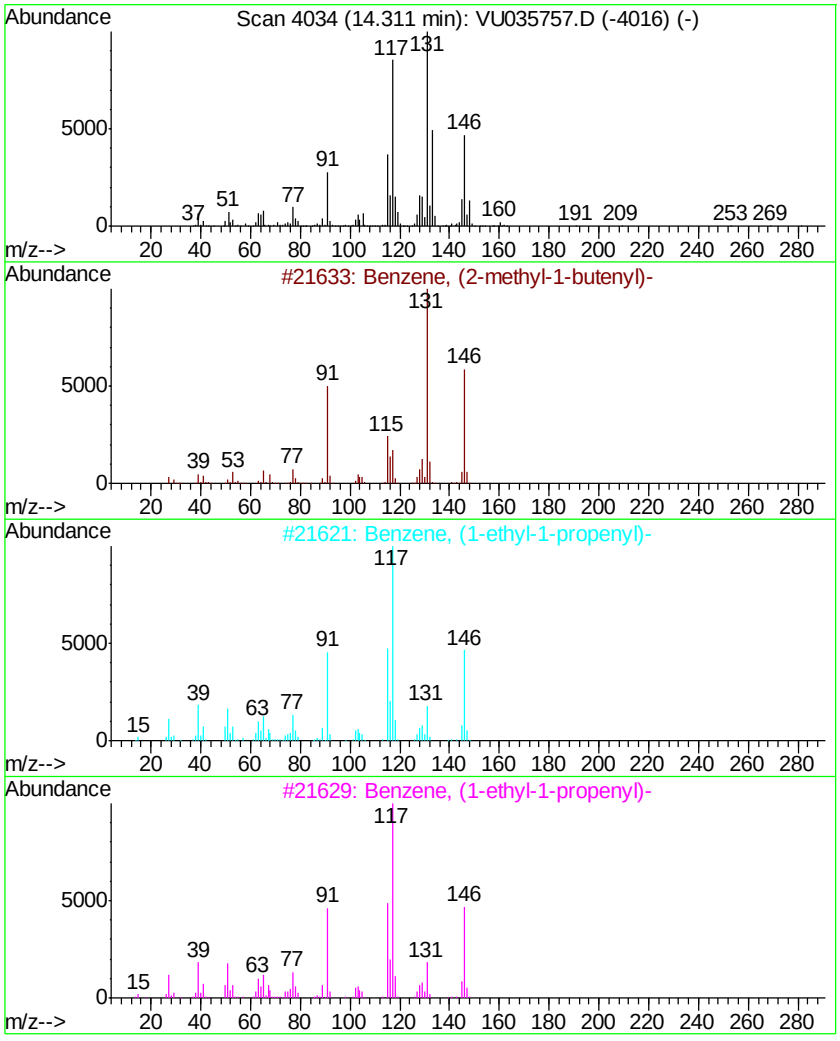
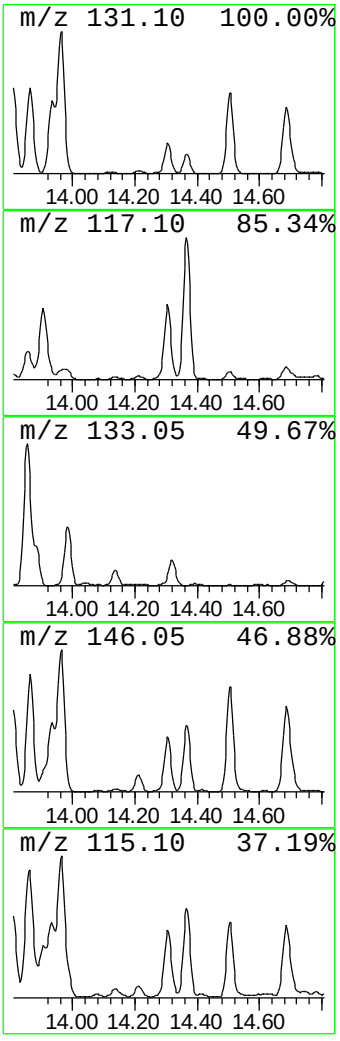
Peak Number 65 Benzene, (2-methyl-1-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	8.41 ug/L	3741740	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	78
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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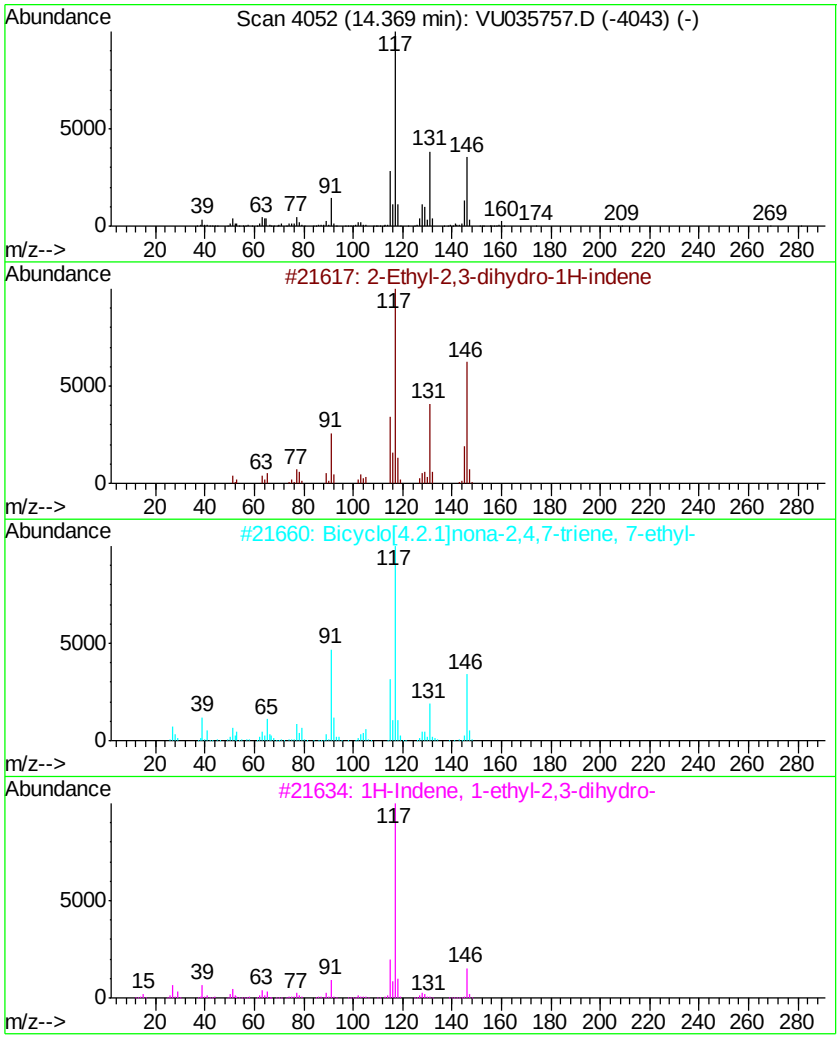
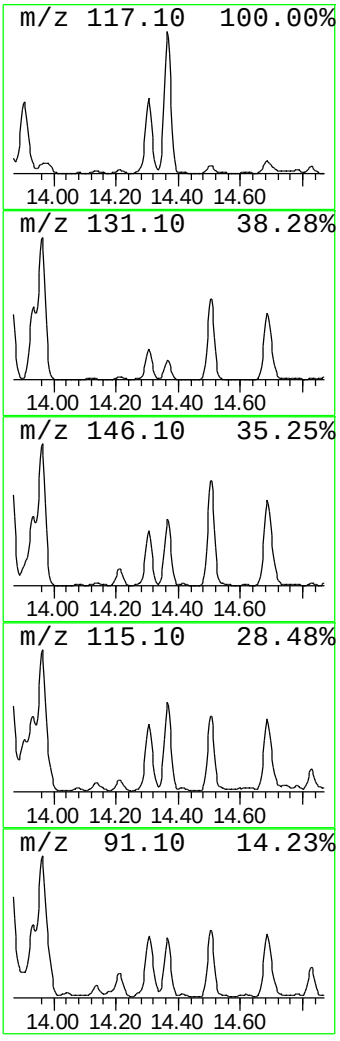
Peak Number 66 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	7.16 ug/L	3186250	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	91
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	59
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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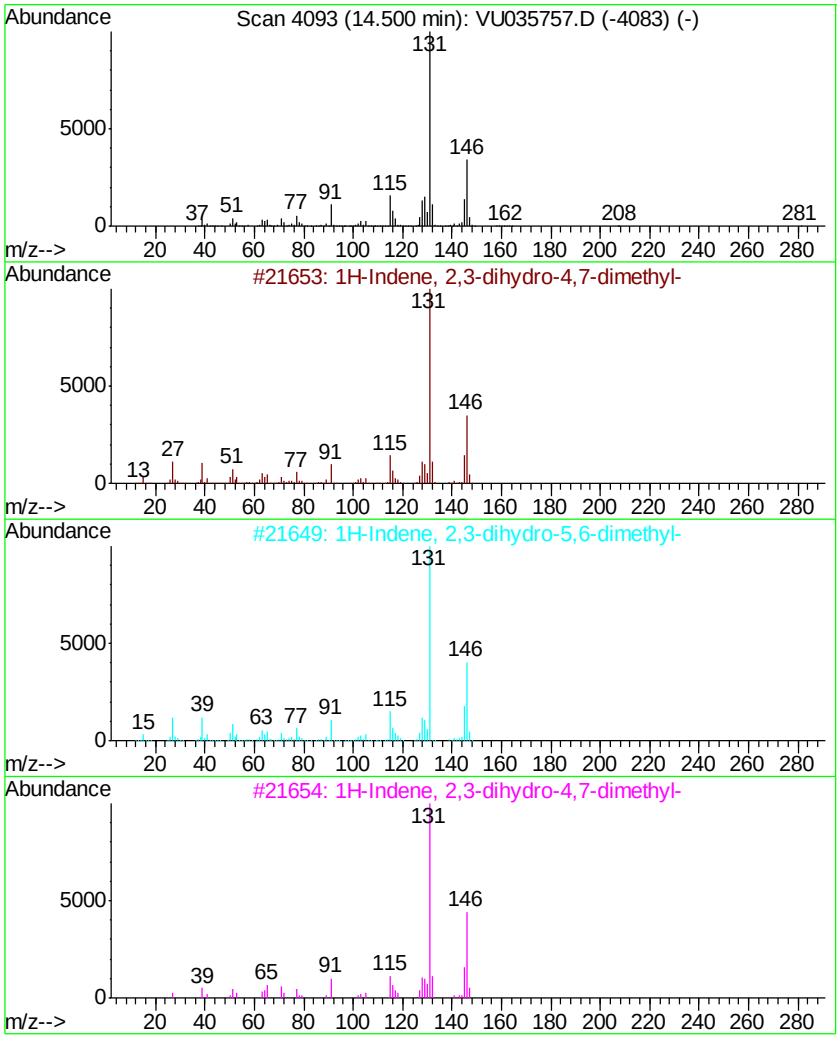
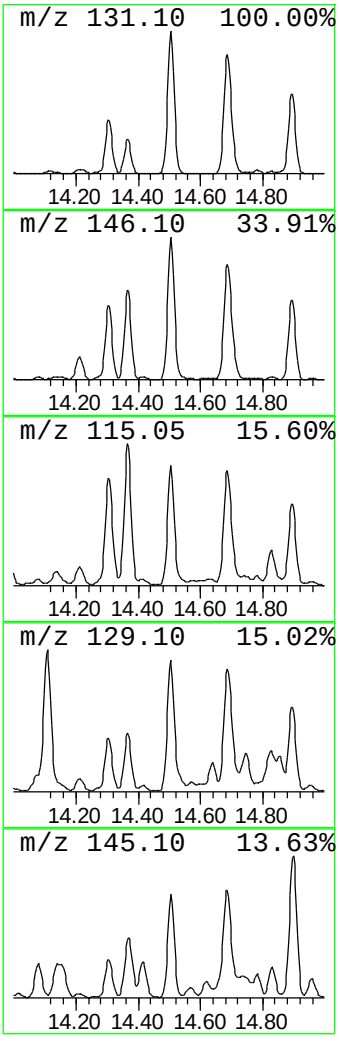
Peak Number 67 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	10.40 ug/L	4626590	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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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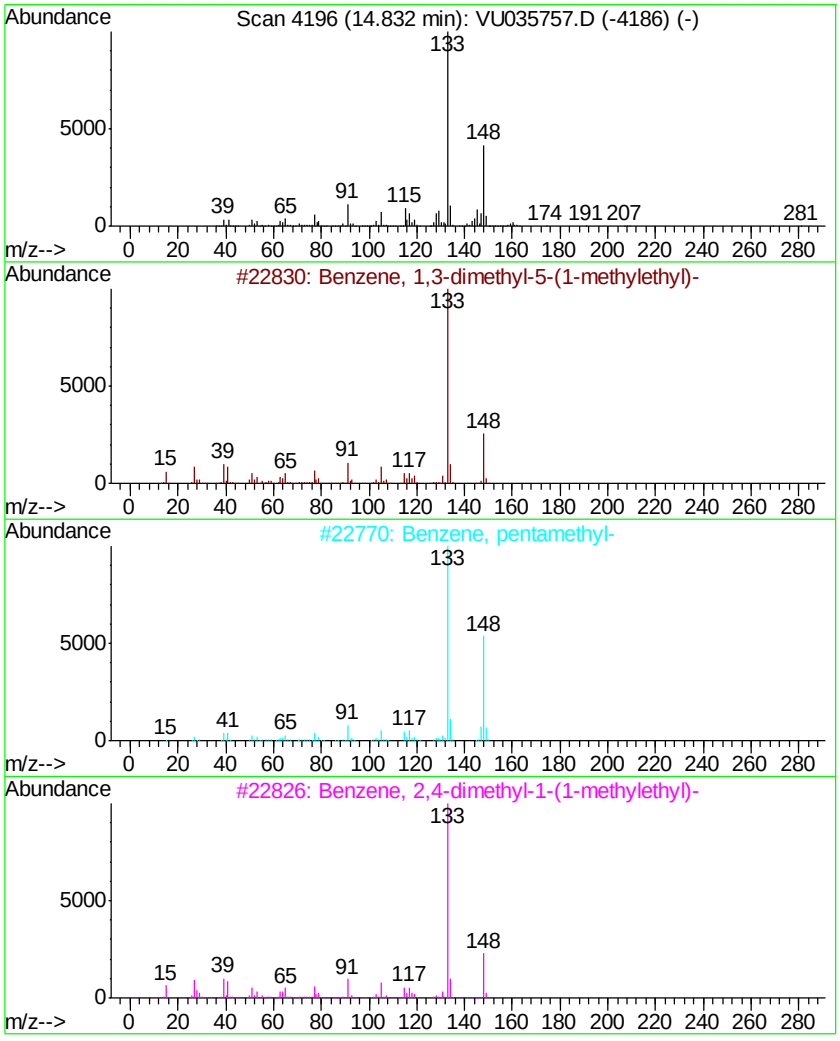
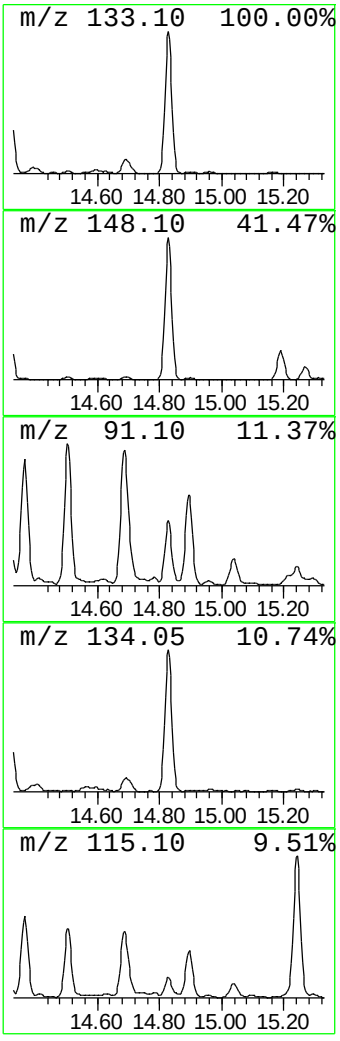
Peak Number 69 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.47 ug/L	1987700	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	83
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035757.D
Acq On : 18 Nov 2019 20:52
Operator : JC/SP
Sample : K5910-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK3

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...	2.01	99.8	ug/L	184152000	1	6.29	9229870	5.0
(DEL) Alkane: Str...	2.22	27.0	ug/L	49891800	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	3.01	1.6	ug/L	2902040	1	6.29	9229870	5.0
(DEL) Alkane: Str...	3.07	24.2	ug/L	44648000	1	6.29	9229870	5.0
(DEL) Alkane: Str...	3.11	22.1	ug/L	40749800	1	6.29	9229870	5.0
(DEL) Alkane: Str...	3.40	32.5	ug/L	59916900	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	3.61	1.9	ug/L	3433310	1	6.29	9229870	5.0
(DEL) Alkane: Str...	3.74	6.1	ug/L	11255700	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	3.88	1.8	ug/L	3356750	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	3.96	3.2	ug/L	5955520	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	4.02	3.5	ug/L	6470780	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	4.13	2.6	ug/L	4742910	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	4.24	2.0	ug/L	3743750	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	4.38	4.0	ug/L	7416510	1	6.29	9229870	5.0
(DEL) Alkane: Str...	4.48	5.7	ug/L	10516400	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	4.58	28.8	ug/L	53127000	1	6.29	9229870	5.0
(DEL) Alkane: Str...	5.17	2.4	ug/L	4346910	1	6.29	9229870	5.0
(DEL) Alkane: Str...	5.50	13.9	ug/L	25645800	1	6.29	9229870	5.0
(DEL) Alkane: Str...	5.63	3.0	ug/L	5578350	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	5.68	1.5	ug/L	2773050	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	5.89	5.8	ug/L	10659400	1	6.29	9229870	5.0
(DEL) Alkane: Str...	5.94	18.1	ug/L	33390000	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	6.03	3.3	ug/L	6157750	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	6.17	1.2	ug/L	2232940	1	6.29	9229870	5.0
1,3-Pentadiene, 2...	6.60	2.0	ug/L	3716360	1	6.29	9229870	5.0
(DEL) Alkane: Str...	6.90	1.3	ug/L	2433540	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	7.02	1.4	ug/L	2577290	1	6.29	9229870	5.0
(DEL) Alkane: Str...	7.29	5.8	ug/L	10731000	1	6.29	9229870	5.0
(DEL) Alkane: Str...	7.42	8.6	ug/L	15910000	1	6.29	9229870	5.0
Cyclohexene, 1-me...	7.79	1.6	ug/L	3041160	1	6.29	9229870	5.0
(DEL) Alkane: Cyc...	8.40	0.8	ug/L	2354560	2	9.45	15016500	5.0
Cyclopentene, 1,2...	8.44	1.1	ug/L	3367120	2	9.45	15016500	5.0
Benzene, propyl-	10.93	88.7	ug/L	39449700	3	11.84	2223950	5.0
Benzene, 1-ethyl-...	11.03	253.7	ug/L	112863000	3	11.84	2223950	5.0
Benzene, 1,2,3-tr...	11.12	80.7	ug/L	35907200	3	11.84	2223950	5.0
Benzene, (1-methy...	11.51	347.2	ug/L	154450000	3	11.84	2223950	5.0
Benzene, (2-methy...	11.64	9.5	ug/L	4223650	3	11.84	2223950	5.0
Benzene, 1-methyl...	11.67	10.3	ug/L	4582810	3	11.84	2223950	5.0
o-Cymene	11.77	5.2	ug/L	2324230	3	11.84	2223950	5.0
Benzene, 2-propenyl-	12.12	98.4	ug/L	43777400	3	11.84	2223950	5.0
Benzene, 1,2-diet...	12.33	6.5	ug/L	2880610	3	11.84	2223950	5.0
Benzene, 2-ethyl-...	12.49	34.8	ug/L	15481900	3	11.84	2223950	5.0
Benzene, (2-methy...	12.64	10.6	ug/L	4716950	3	11.84	2223950	5.0
Benzene, 1-etheny...	12.71	37.6	ug/L	16723500	3	11.84	2223950	5.0
Benzene, 1,2,4,5-...	13.00	64.2	ug/L	28564900	3	11.84	2223950	5.0
Benzene, 1,2,3,5-...	13.05	50.7	ug/L	22533600	3	11.84	2223950	5.0
Benzene, 1-methyl...	13.13	8.5	ug/L	3768890	3	11.84	2223950	5.0
1H-Indene, 2,3-di...	13.31	28.4	ug/L	12646200	3	11.84	2223950	5.0
1H-Indene, 2,3-di...	13.48	71.0	ug/L	31592800	3	11.84	2223950	5.0

2-Methylindene	13.54	5.2	ug/L	2312860	3	11.84	2223950	5.0
Naphthalene, 1,2,...	13.65	6.8	ug/L	3027300	3	11.84	2223950	5.0
Benzene, (3-methy...	13.75	4.4	ug/L	1970000	3	11.84	2223950	5.0
1H-Indene, 2,3-di...	13.81	11.2	ug/L	4987800	3	11.84	2223950	5.0
Benzene, (1-methy...	13.86	26.9	ug/L	11982100	3	11.84	2223950	5.0
1H-Indene, 2,3-di...	13.93	7.4	ug/L	3309390	3	11.84	2223950	5.0
Benzene, (2-methy...	14.31	8.4	ug/L	3741740	3	11.84	2223950	5.0
2-Ethyl-2,3-dihyd...	14.37	7.2	ug/L	3186250	3	11.84	2223950	5.0
1H-Indene, 2,3-di...	14.50	10.4	ug/L	4626590	3	11.84	2223950	5.0
Benzene, 1,3-dime...	14.83	4.5	ug/L	1987700	3	11.84	2223950	5.0

Instrument :
MSVOA_U
ClientSampleId :
GAQK3