LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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\SOMULM051419WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.286	55	61	69	rBV4	29867	37457	0.22%	0.035%
2	1.399	87	96	108	rBV	559090	603792	3.51%	0.572%
3	1.672	173	181	198	rVV	425473	553062	3.21%	0.524%
4	1.942	258	265	283	rVB2	49520	70837	0.41%	0.067%
5	2.267	355	366	380	rBV	899772	1385518	8.05%	1.312%
6	2.740	491	513	522	rVV2	128969	329295	1.91%	0.312%
7	2.791	523	529	546	rVB5	41155	97365	0.57%	0.092%
8	2.990	575	591	608	rBV3	149386	324931	1.89%	0.308%
9	3.299	672	687	707	rBV2	171187	369227	2.15%	0.350%
10	3.550	752	765	781	rVB3	24552	54682	0.32%	0.052%
11	3.653	784	797	809	rBV5	15940	37120	0.22%	0.035%
12	4.090	913	933	948	rBV	784566	2112484	12.27%	2.000%
13	4.170	948	958	999	rVB	361816	972185	5.65%	0.920%
14	4.643	1089	1105	1123	rBV	652428	1523424	8.85%	1.442%
15	4.990	1193	1213	1229	rBV2	1275252	3084046	17.92%	2.920%
16	5.218	1268	1284	1289	rBV2	113468	260227	1.51%	0.246%
17	5.334	1301	1320	1350	rVB2	1355606	3876635	22.53%	3.670%
18	5.476	1352	1364	1376	rBV4	192956	442785	2.57%	0.419%
19	5.550	1377	1387	1397	rVB3	176502	339544	1.97%	0.321%
20	5.617	1397	1408	1442	rVB3	322546	756840	4.40%	0.716%
21	5.781	1446	1459	1477	rVB5	55033	117821	0.68%	0.112%
22	5.881	1477	1490	1504	rBV	1230915	2471248	14.36%	2.339%
23	6.212	1576	1593	1609	rVB7	51196	131951	0.77%	0.125%
24	6.325	1615	1628	1639	rBV	898663	1780754	10.35%	1.686%
25	6.411	1640	1655	1683	rVB	2586994	5595198	32.51%	5.297%
26	6.636	1713	1725	1738	rVB2	226669	424236	2.47%	0.402%
27	6.733	1745	1755	1767	rVB4	35084	77535	0.45%	0.073%
28	6.839	1767	1788	1800	rBV4	196899	617862	3.59%	0.585%
29	6.903	1801	1808	1831	rVB8	41820	108390	0.63%	0.103%
30	7.064	1844	1858	1886	rVB	218962	445923	2.59%	0.422%
31	7.222	1897	1907	1925	rVV	489196	917994	5.33%	0.869%
32	7.424	1960	1970	1987	rVB3	203597	405517	2.36%	0.384%
33	7.559	1989	2012	2046	rBV	1867103	3956166	22.99%	3.745%
34	7.707	2047	2058	2068	rBV3	114326	267560	1.55%	0.253%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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\SOMULM051419WMA.M
Title : VOC Analysis

35	7.845	2091	2101	2113	rBV2	375876	655192	3.81%	0.620%
36	7.913	2113	2122	2142	rVB3	192441	370081	2.15%	0.350%
37	8.042	2153	2162	2169	rBV2	101440	153291	0.89%	0.145%
38	8.090	2169	2177	2209	rVB2	166976	363141	2.11%	0.344%
39	8.305	2226	2244	2260	rBV	1054094	1974805	11.47%	1.870%
40	8.540	2308	2317	2334	rBV2	198871	403300	2.34%	0.382%
41	8.759	2373	2385	2396	rBV5	59477	107282	0.62%	0.102%
42	8.868	2406	2419	2427	rBV6	43094	96286	0.56%	0.091%
43	9.013	2452	2464	2476	rBV7	74976	206375	1.20%	0.195%
44	9.083	2476	2486	2506	rVV	1812356	3221935	18.72%	3.050%
45	9.180	2507	2516	2528	rVV3	215786	486467	2.83%	0.461%
46	9.247	2528	2537	2559	rVV	355962	698245	4.06%	0.661%
47	9.360	2562	2572	2593	rVB7	96022	276854	1.61%	0.262%
48	9.492	2606	2613	2625	rVB6	50798	90840	0.53%	0.086%
49	9.566	2626	2636	2653	rVB5	37172	80756	0.47%	0.076%
50	9.717	2669	2683	2688	rBV3	46994	99737	0.58%	0.094%
51	9.948	2738	2755	2770	rBV7	75545	176367	1.02%	0.167%
52	10.045	2776	2785	2791	rBV7	41420	78305	0.45%	0.074%
53	10.160	2810	2821	2844	rVV	2135411	3412192	19.83%	3.230%
54	10.369	2875	2886	2892	rBV5	35261	67054	0.39%	0.063%
55	10.427	2893	2904	2918	rVV	1259682	2031835	11.81%	1.923%
56	10.582	2933	2952	2977	rBV	3969400	6147208	35.72%	5.819%
57	10.701	2978	2989	2997	rBV3	64780	126111	0.73%	0.119%
58	10.967	3062	3072	3091	rVB	296058	492066	2.86%	0.466%
59	11.093	3107	3111	3120	rVV2	38012	54832	0.32%	0.052%
60	11.215	3144	3149	3158	rVB7	22733	35156	0.20%	0.033%
61	11.286	3159	3171	3176	rBV	131559	213287	1.24%	0.202%
62	11.318	3176	3181	3196	rVB	174505	278719	1.62%	0.264%
63	11.479	3220	3231	3250	rBV	1893830	2987858	17.36%	2.829%
64	11.566	3250	3258	3268	rVB	147469	222569	1.29%	0.211%
65	11.684	3285	3295	3305	rVB	102226	163484	0.95%	0.155%
66	11.762	3305	3319	3337	rBV	10691827	17210338	100.00%	16.293%
67	11.855	3337	3348	3375	rVV2	2077121	3726774	21.65%	3.528%
68	11.977	3377	3386	3398	rVB2	185348	297696	1.73%	0.282%
69	12.051	3400	3409	3420	rBV	65897	104803	0.61%	0.099%
70	12.141	3429	3437	3451	rVB	117290	183929	1.07%	0.174%
71	12.247	3456	3470	3476	rBV	1690321	2535461	14.73%	2.400%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 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\SOMULM051419WMA.M
Title : VOC Analysis

72	12.279	3476	3480	3491	rVV	691969	989628	5.75%	0.937%
73	12.350	3491	3502	3524	rVV	2700060	4629670	26.90%	4.383%
74	12.533	3552	3559	3575	rVB	93319	158862	0.92%	0.150%
75	12.646	3575	3594	3606	rBV	916299	1427028	8.29%	1.351%
76	12.710	3607	3614	3627	rVB7	31781	58411	0.34%	0.055%
77	12.784	3627	3637	3652	rBV4	113048	187339	1.09%	0.177%
78	12.874	3659	3665	3670	rBV	28056	35698	0.21%	0.034%
79	12.919	3672	3679	3682	rVV2	68839	97582	0.57%	0.092%
80	12.958	3682	3691	3710	rVB	1467946	2343223	13.62%	2.218%
81	13.119	3721	3741	3756	rBV2	3632889	5793802	33.66%	5.485%
82	13.234	3771	3777	3784	rBV2	40422	58874	0.34%	0.056%
83	13.289	3784	3794	3812	rVB2	405882	708526	4.12%	0.671%
84	13.405	3821	3830	3836	rBV4	85079	138060	0.80%	0.131%
85	13.453	3836	3845	3853	rVV	246640	397879	2.31%	0.377%
86	13.504	3853	3861	3870	rVV2	214515	319644	1.86%	0.303%
87	13.575	3876	3883	3886	rBV2	100036	133042	0.77%	0.126%
88	13.604	3887	3892	3915	rVB2	276262	511588	2.97%	0.484%
89	13.739	3921	3934	3943	rBV2	83803	162876	0.95%	0.154%
90	13.852	3962	3969	3981	rVB7	24504	40797	0.24%	0.039%
91	13.951	3985	4000	4010	rVV5	71666	145037	0.84%	0.137%
92	14.009	4010	4018	4028	rVB3	64992	107589	0.63%	0.102%
93	14.151	4050	4062	4077	rBV2	100927	175190	1.02%	0.166%
94	14.331	4108	4118	4131	rBV3	86010	198446	1.15%	0.188%
95	14.472	4152	4162	4173	rVV4	32828	74693	0.43%	0.071%
96	14.533	4174	4181	4195	rVB3	60514	102111	0.59%	0.097%
97	14.675	4215	4225	4236	rBV6	27763	48811	0.28%	0.046%
98	14.816	4262	4269	4276	rBV2	27135	40385	0.23%	0.038%
99	14.874	4276	4287	4316	rVV	667542	1284730	7.46%	1.216%
100	15.061	4333	4345	4364	rBV	494531	882510	5.13%	0.835%

Sum of corrected areas: 105632273

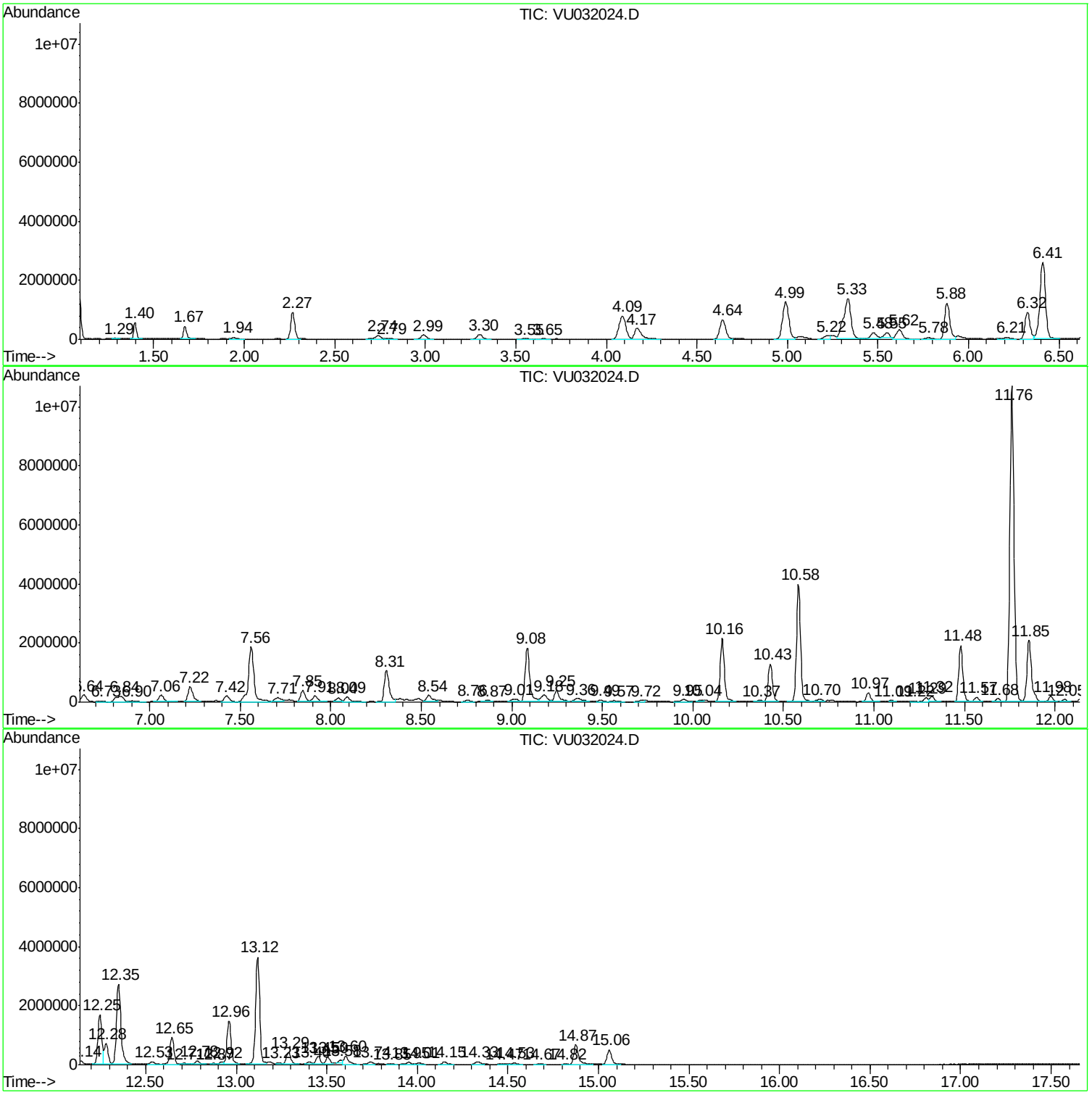
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

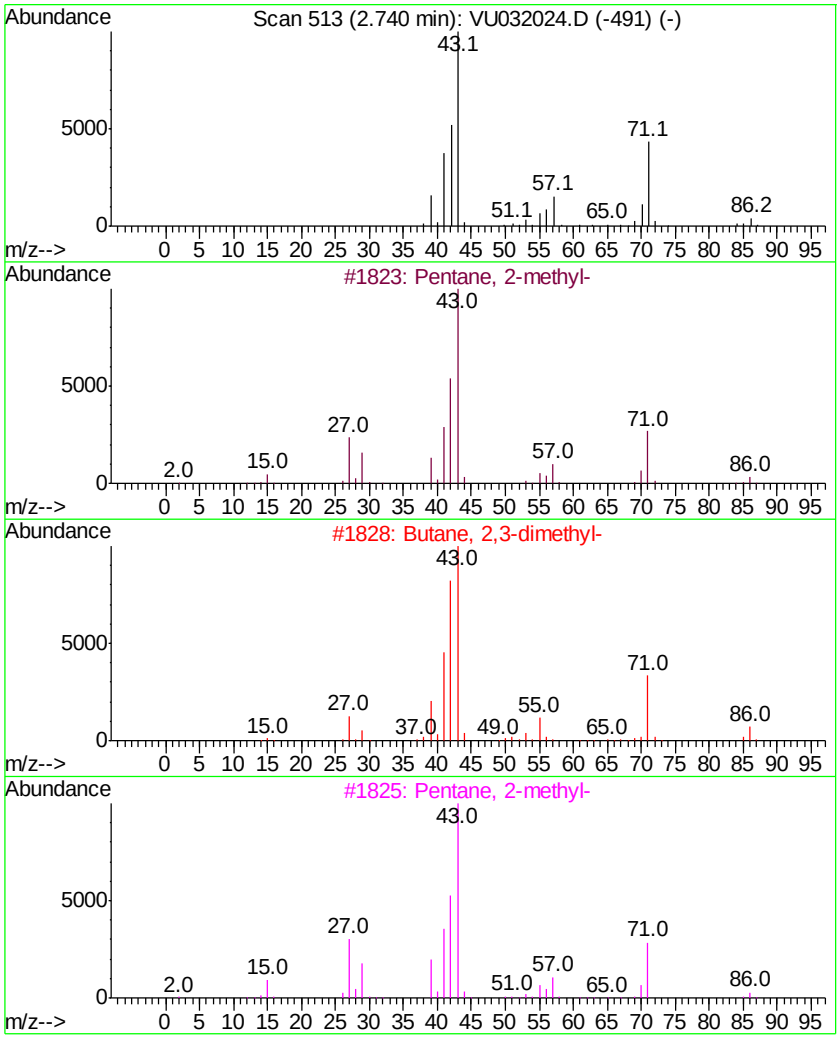
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

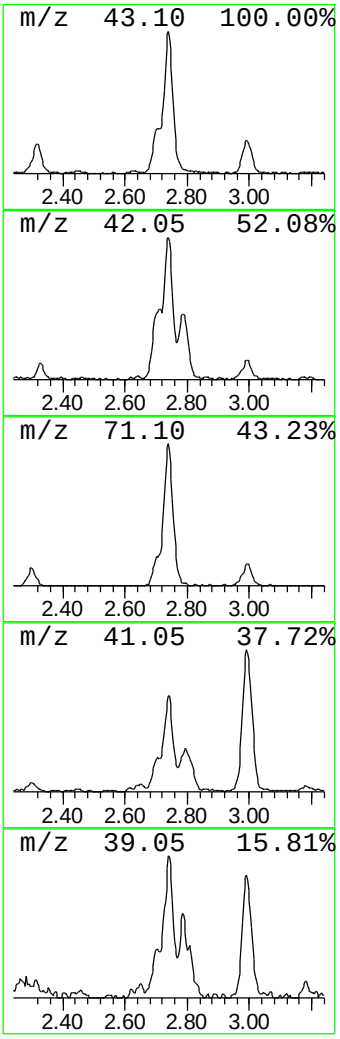
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	6.66 ug/L	329295	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

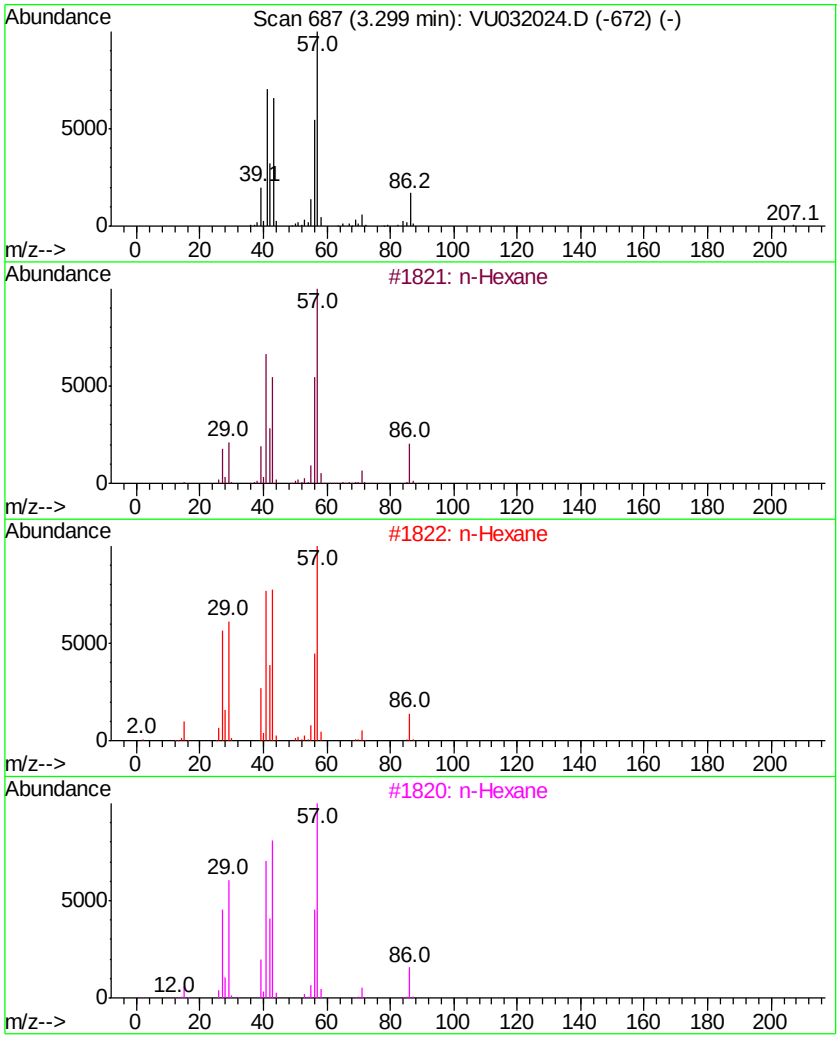
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

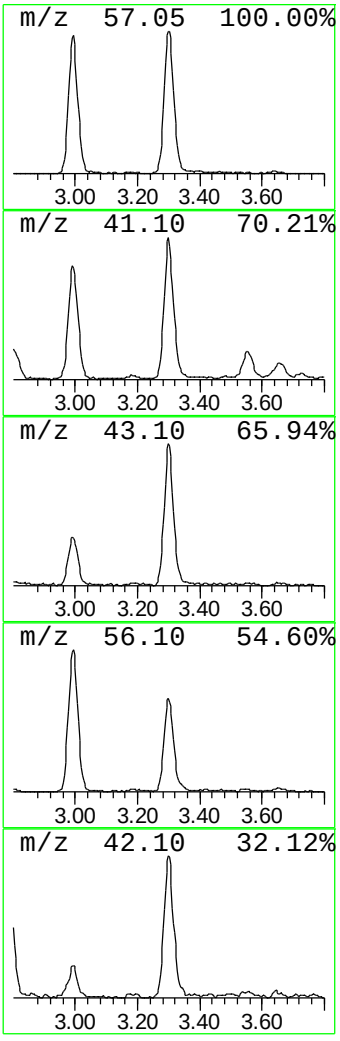
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	7.47 ug/L	369227	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	93
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	58
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

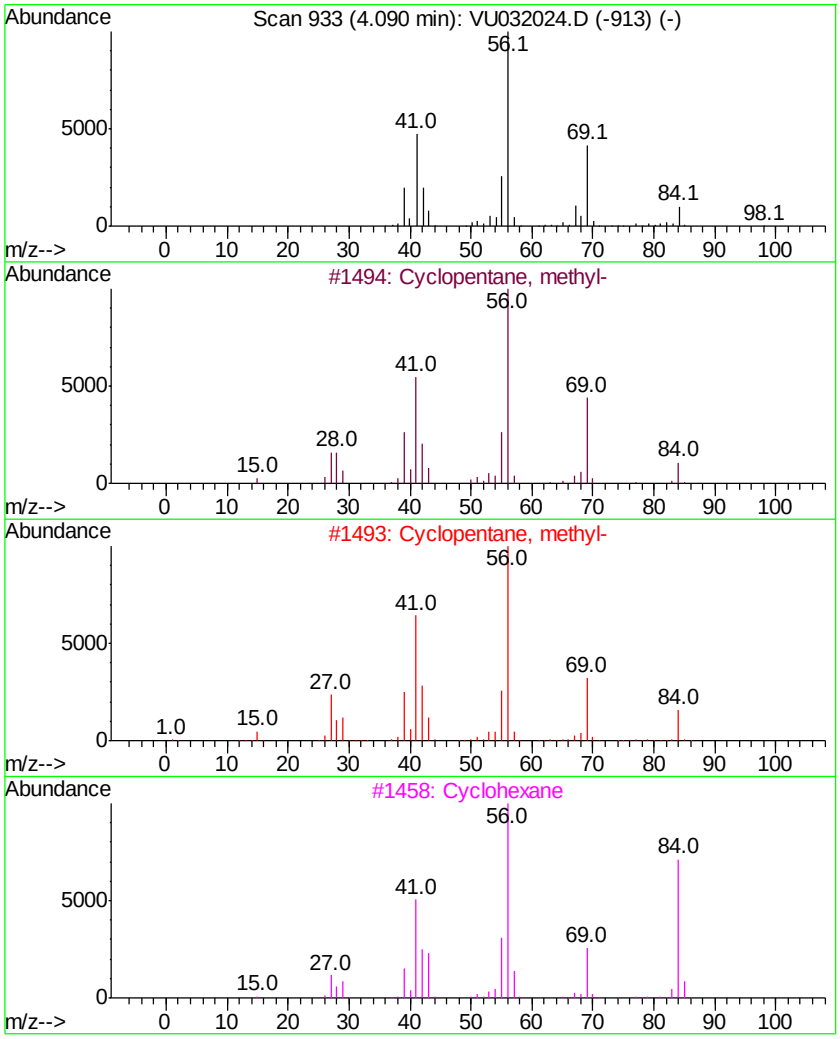
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

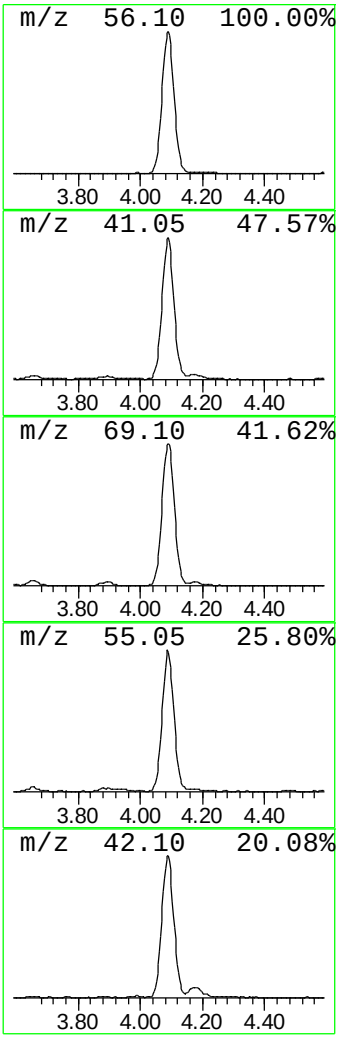
****

Peak Number 3 (DEL) Alkane: Cyclic4.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	42.74 ug/L	2112480	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

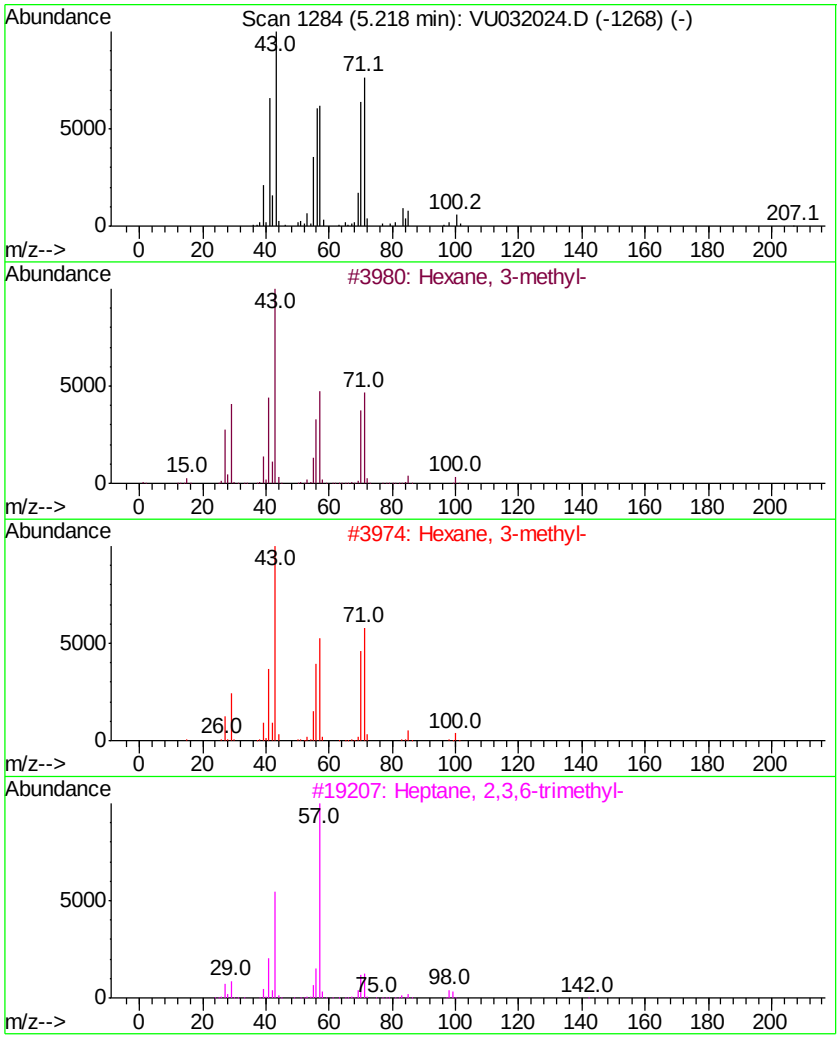
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

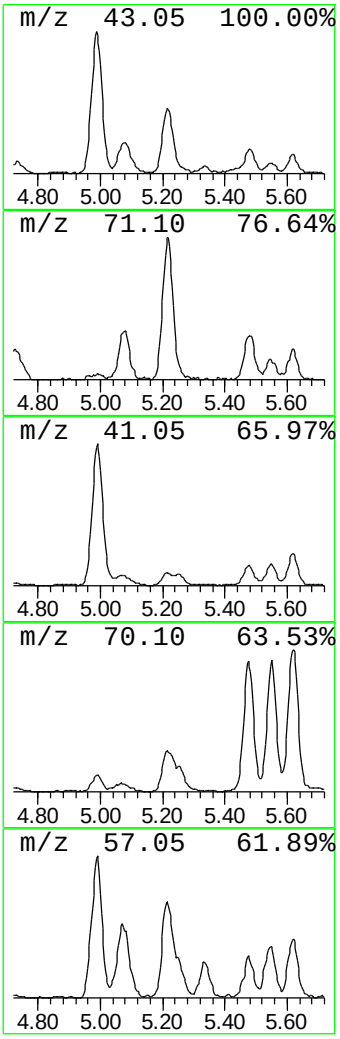
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.27 ug/L	260227	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	56
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

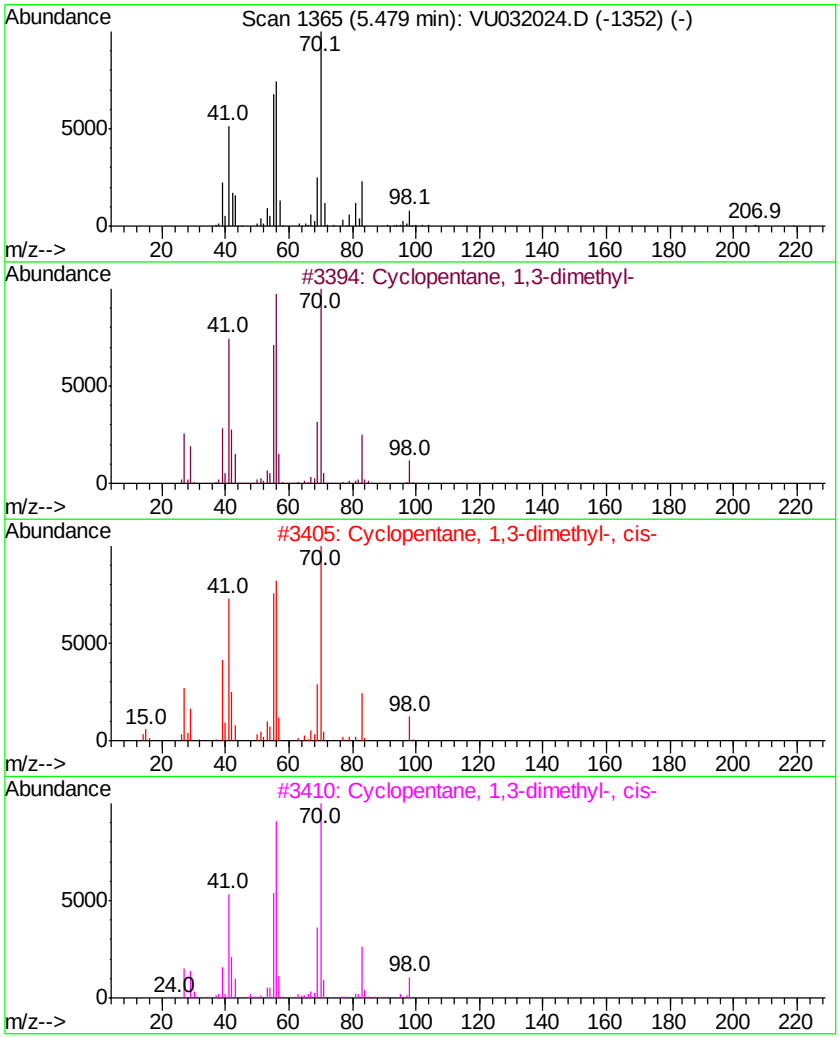
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

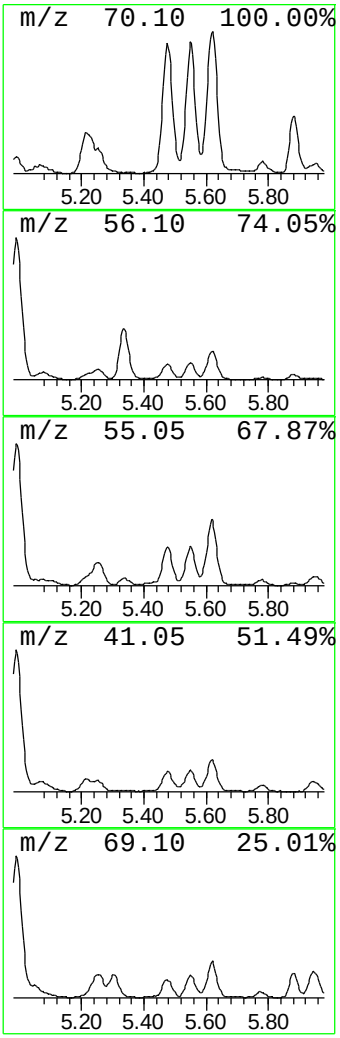
****

Peak Number 5 (DEL) Alkane: Cyclic5.48 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	8.96 ug/L	442785	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

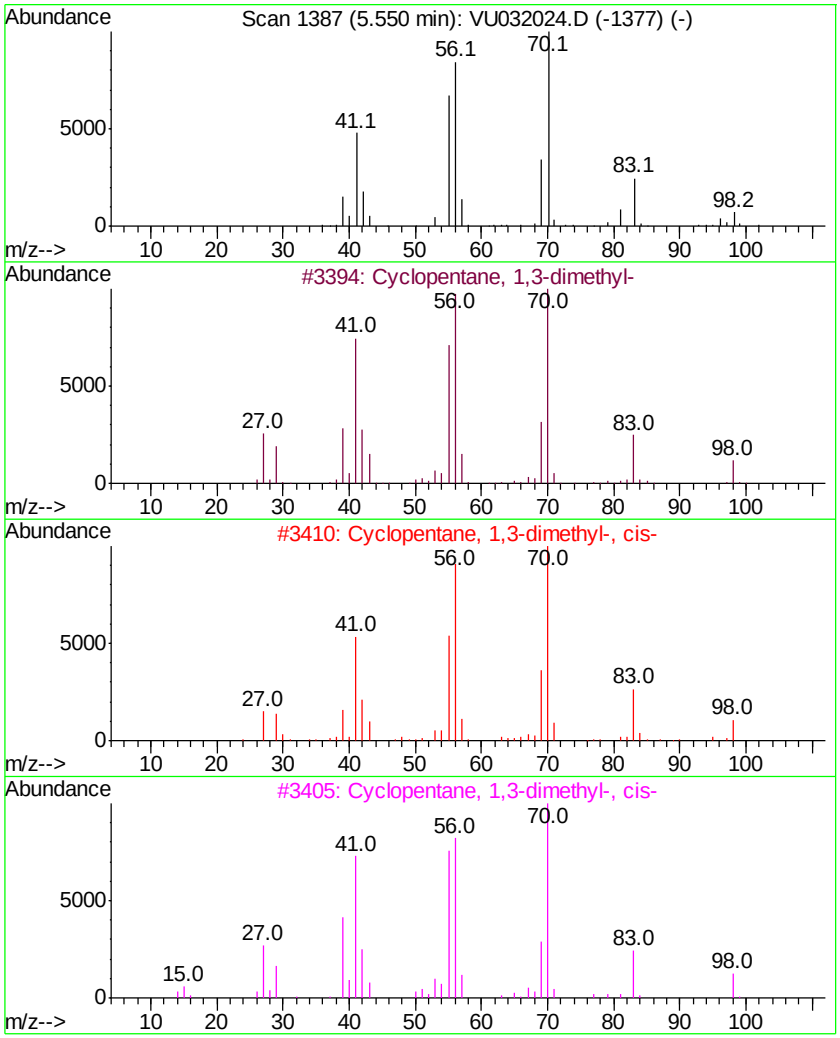
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

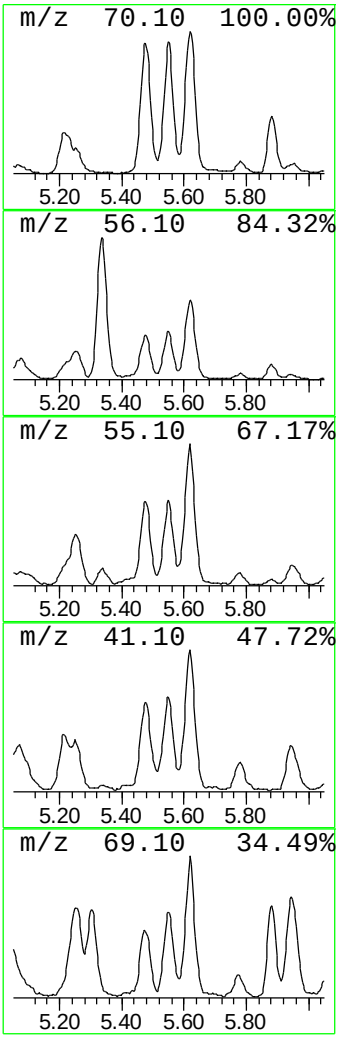
****

Peak Number 6 (DEL) Alkane: Cyclic5.55 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	6.87 ug/L	339544	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	83
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	74





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

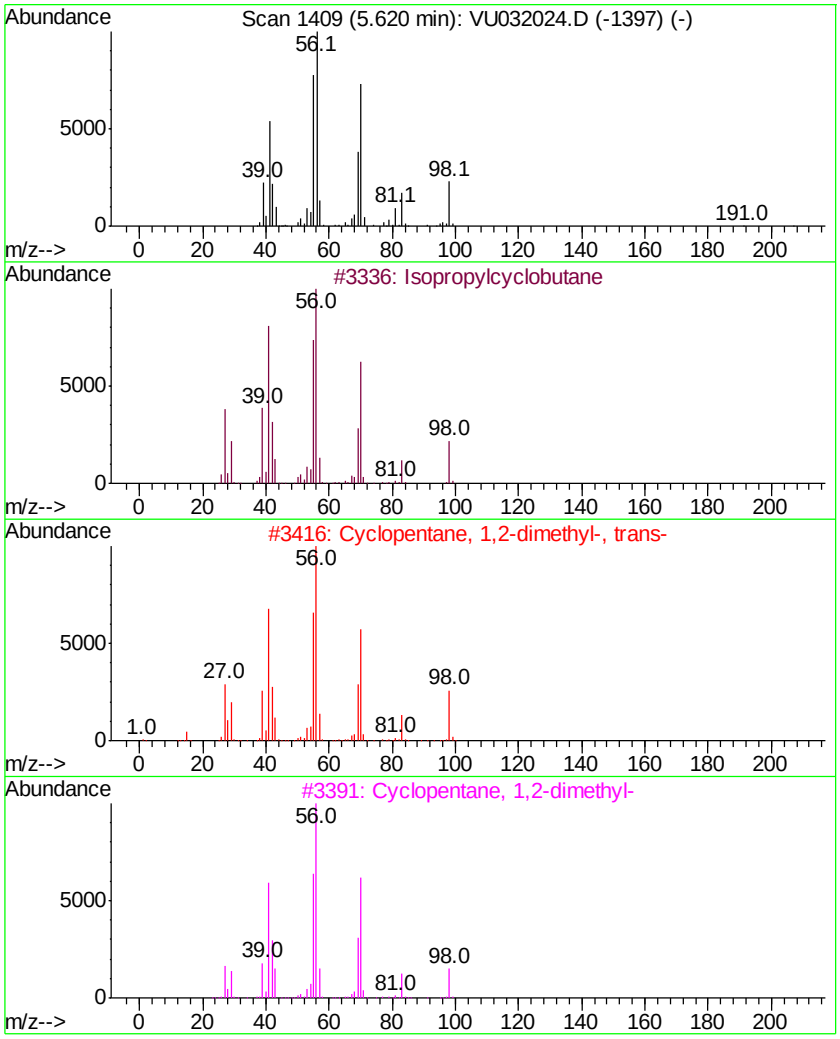
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

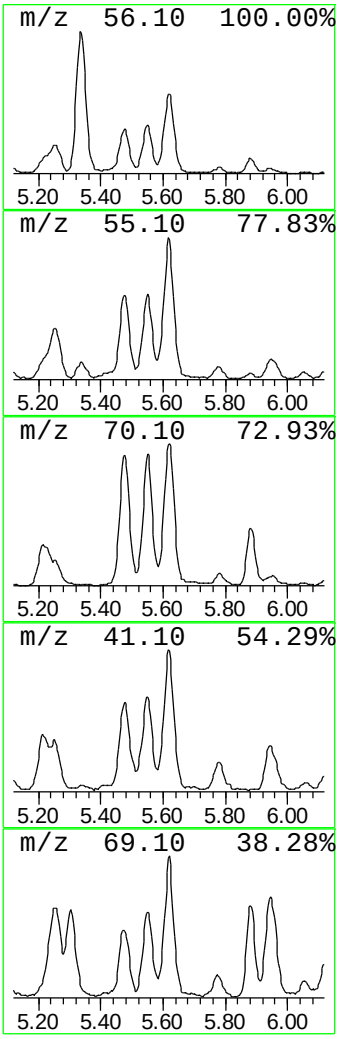
****

Peak Number 7 (DEL) Alkane: Cyclic5.62 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	15.31 ug/L	756840	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78





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Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

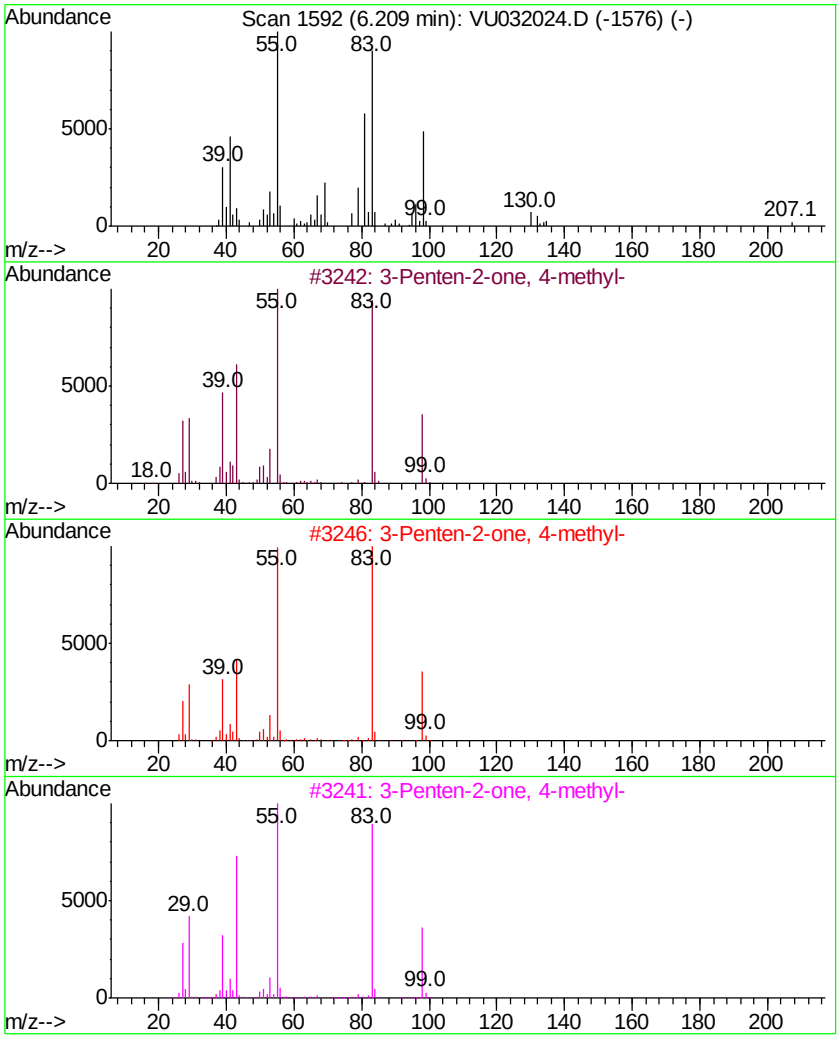
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

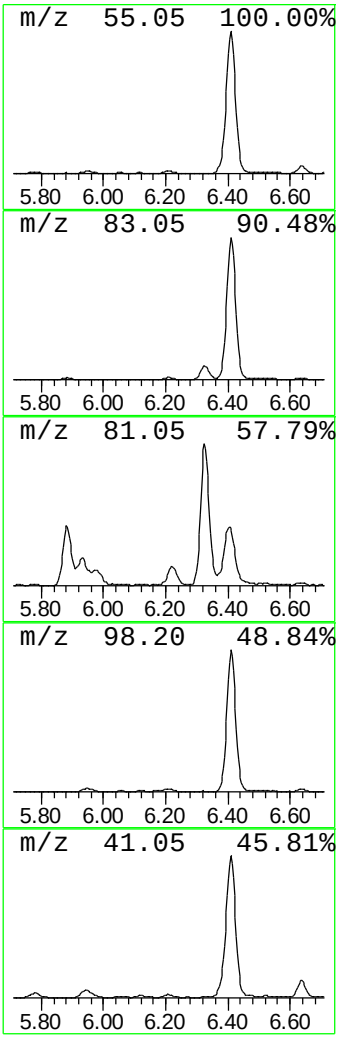
****

Peak Number 8 3-Penten-2-one, 4-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	2.67 ug/L	131951	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	68
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	58
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	58
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	58
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	58





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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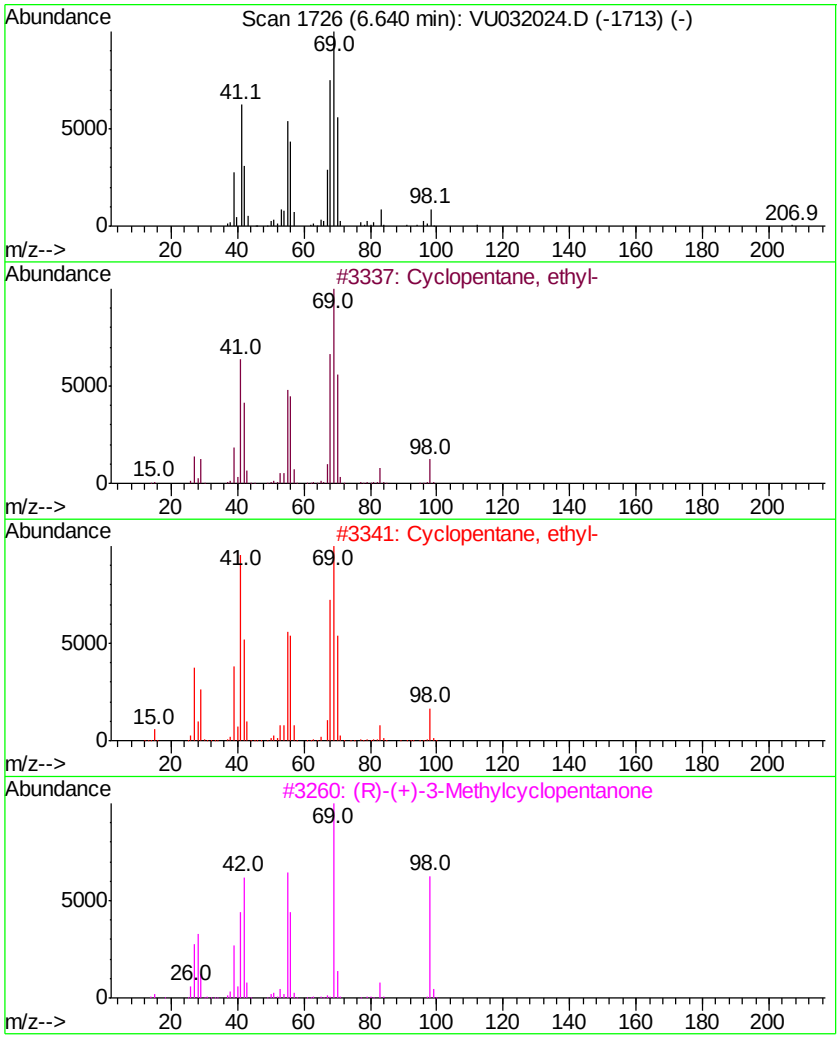
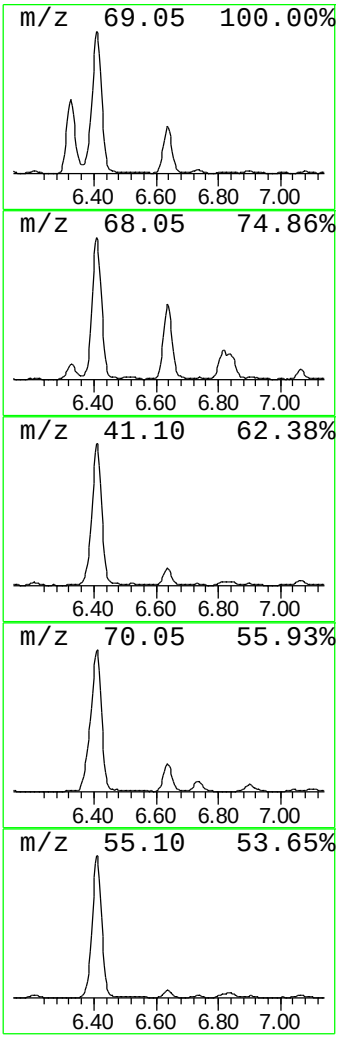
Peak Number 9 (DEL) Alkane: Cyclic6.64 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	8.58 ug/L	424236	1,4-Difluorobenzene	5.88

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	91
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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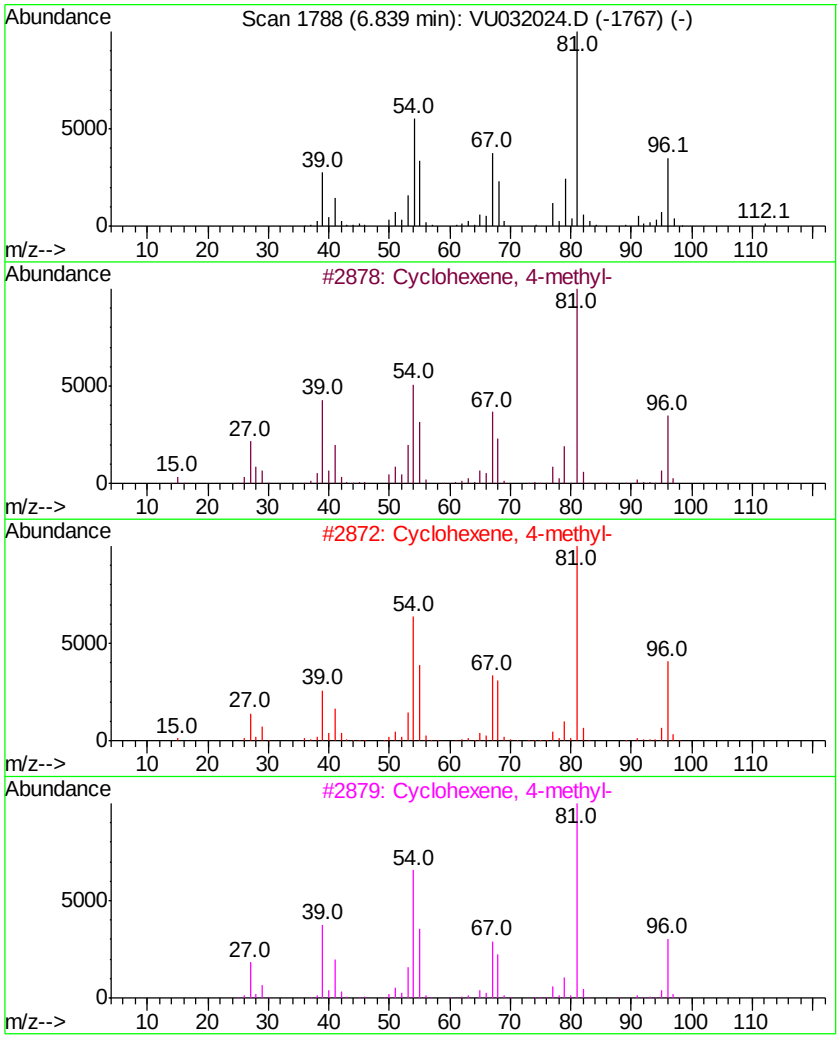
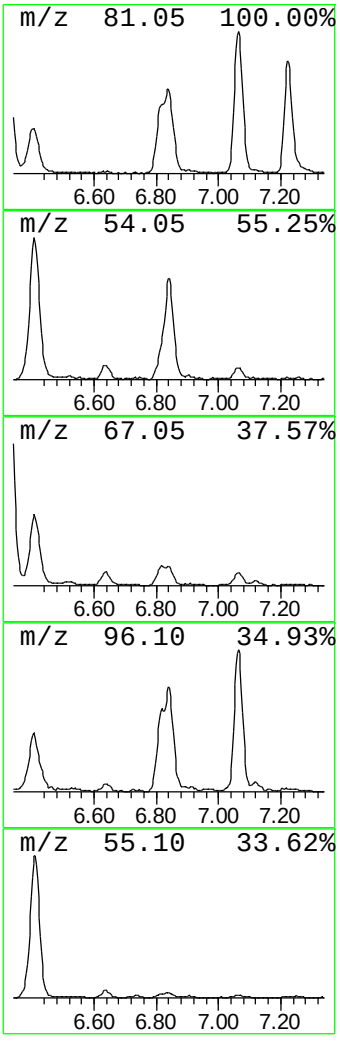
Peak Number 10 Cyclohexene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	12.50 ug/L	617862	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	95
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
4	1,4-Heptadiene	96	C7H12	005675-22-9	87
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

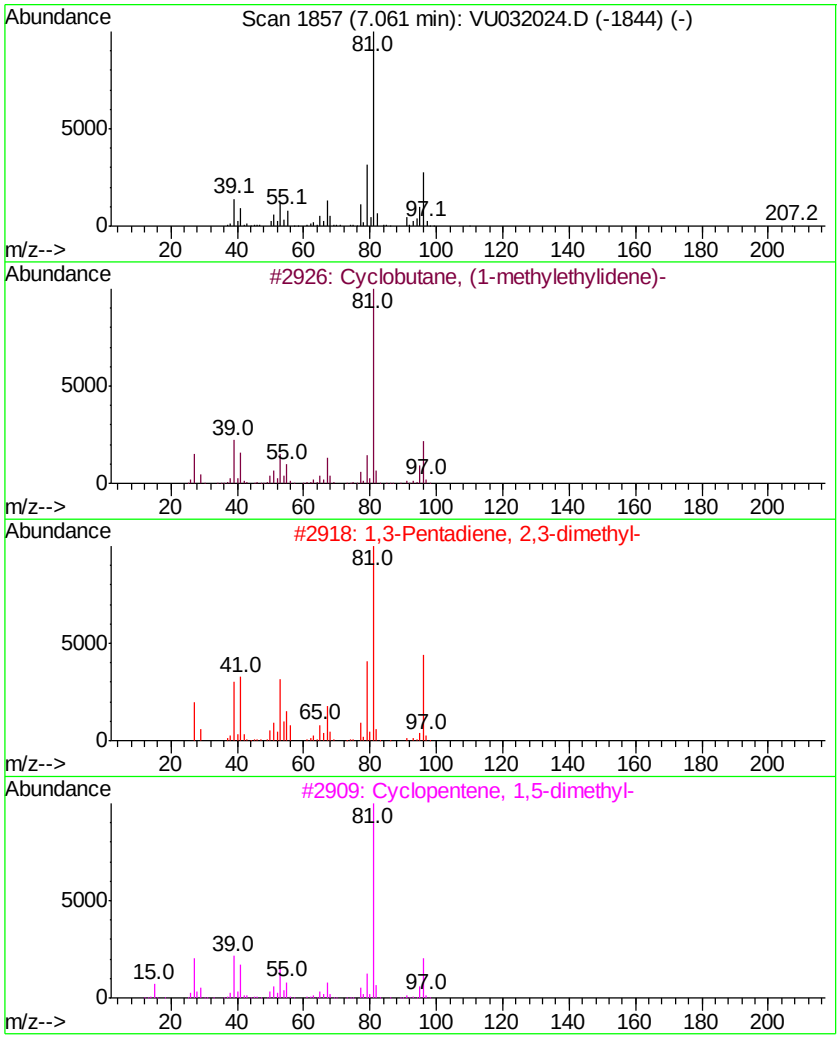
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

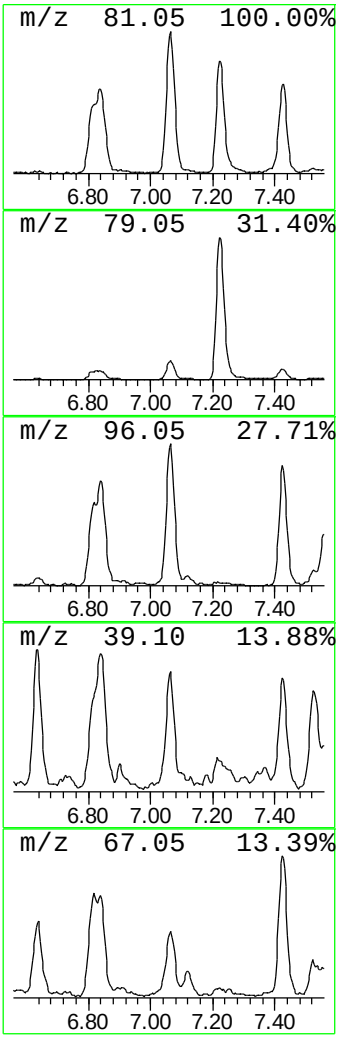
****

Peak Number 11 Cyclobutane, (1-methylethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	9.02 ug/L	445923	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	80
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	80
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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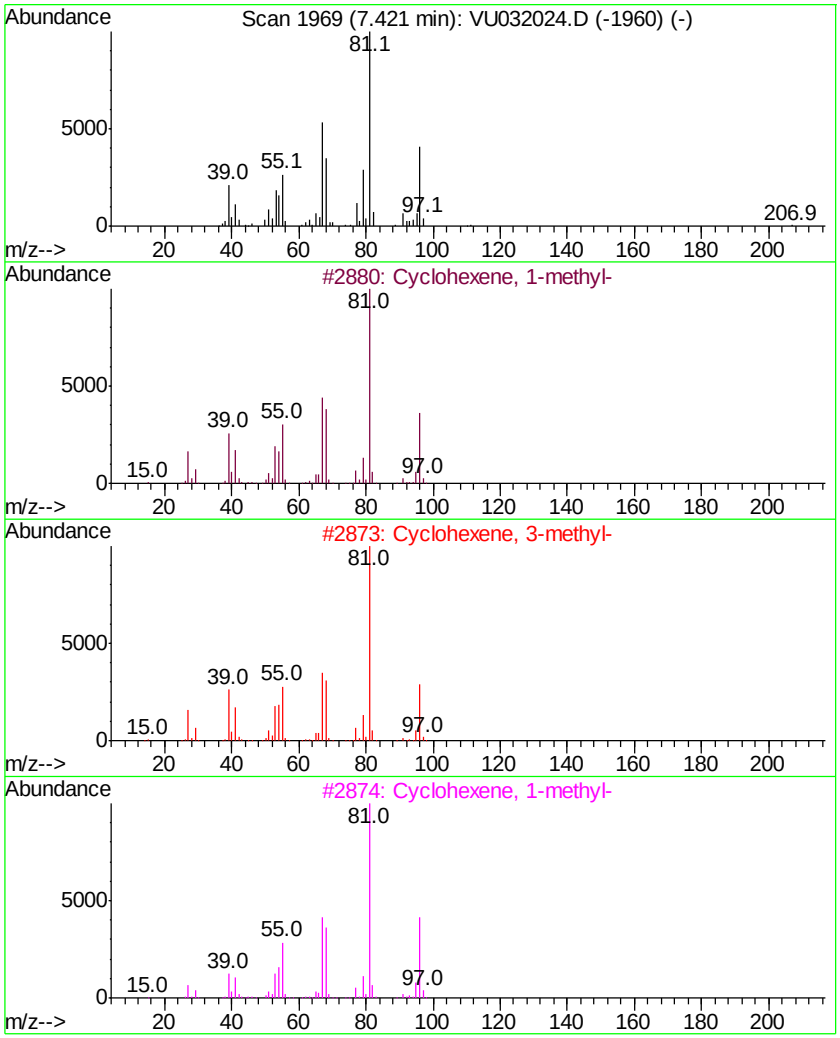
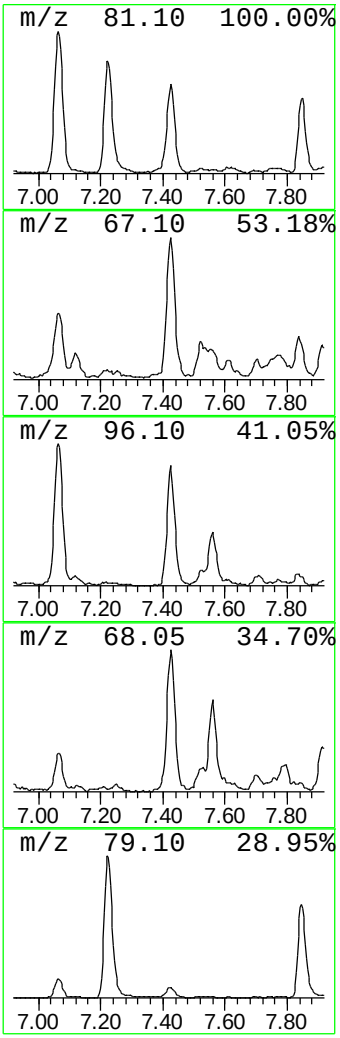
Peak Number 13 Cyclohexene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	8.20 ug/L	405517	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
5	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	87





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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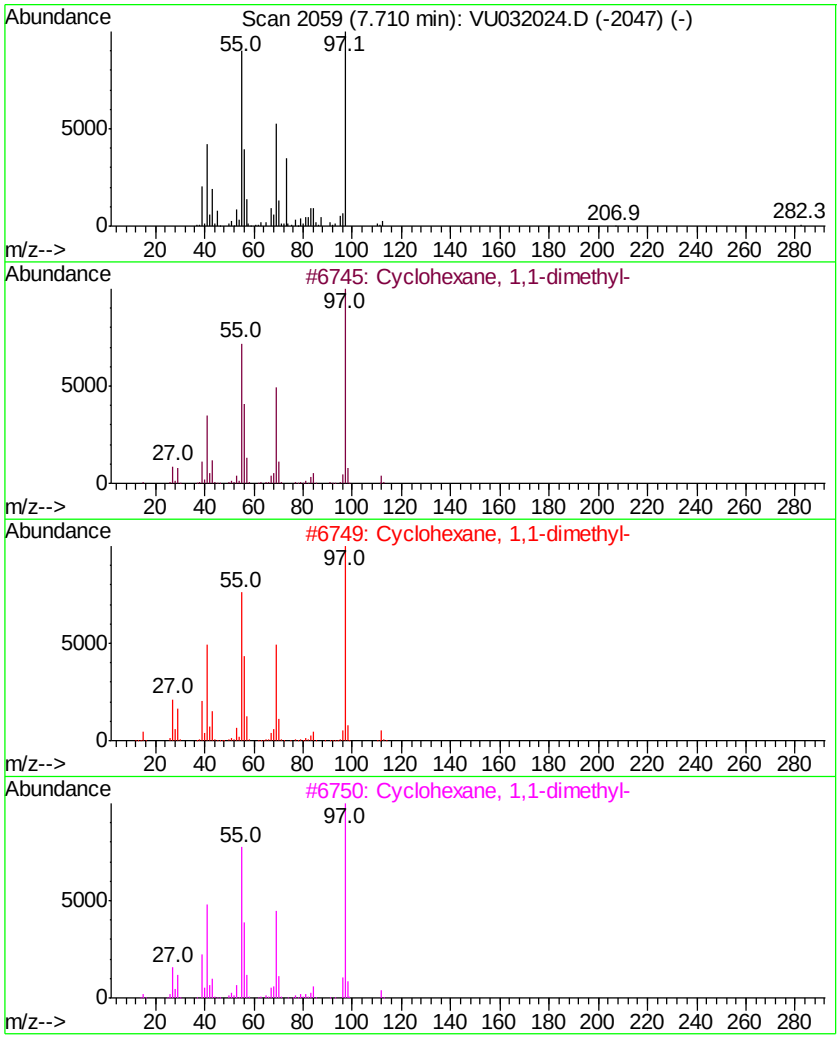
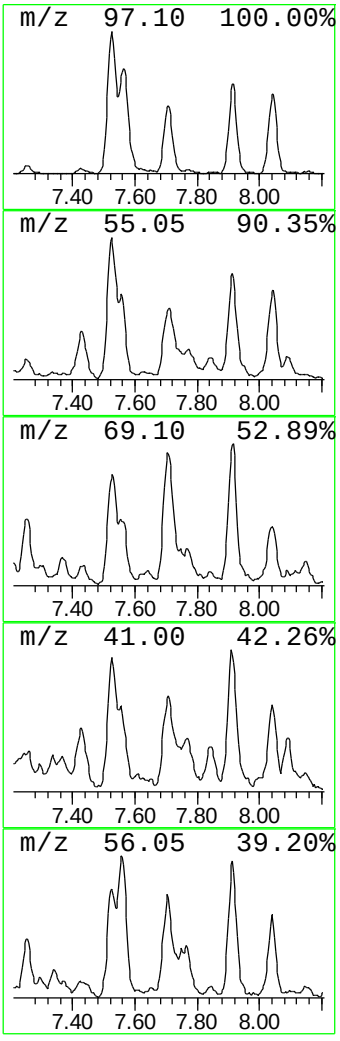
Peak Number 14 (DEL) Alkane: Cyclic7.71 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	4.15 ug/L	267560	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	81
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	76
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	68
4	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	53
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	50





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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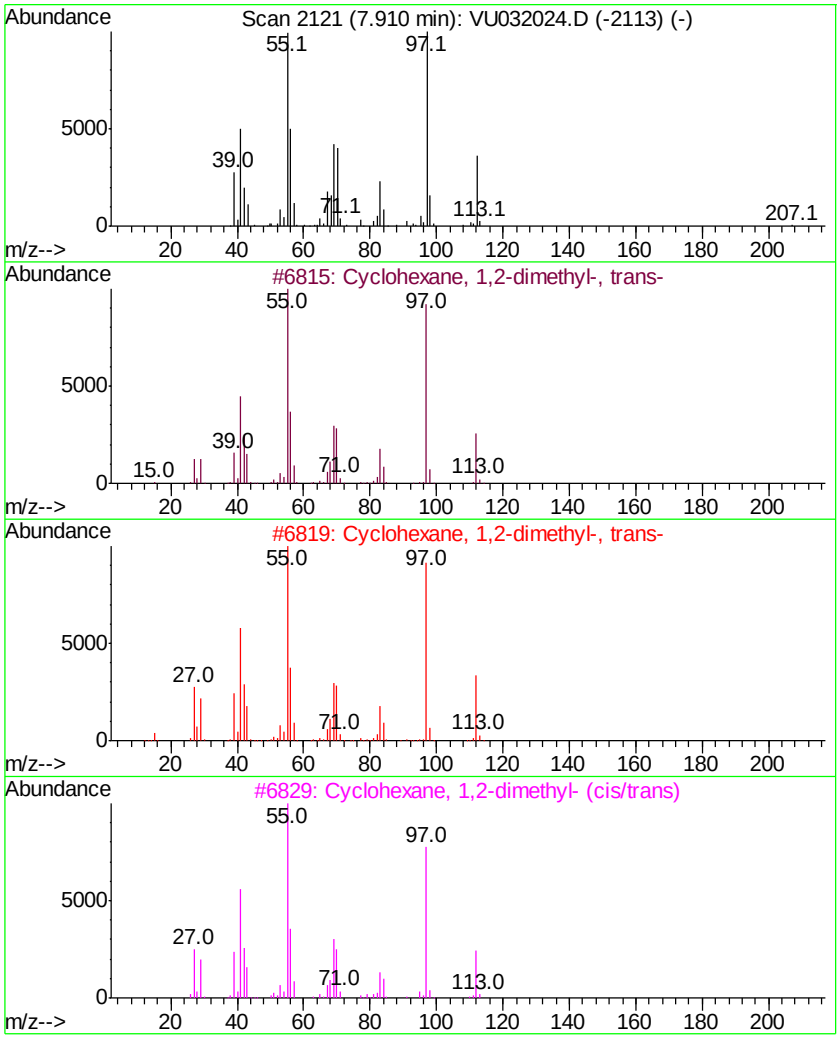
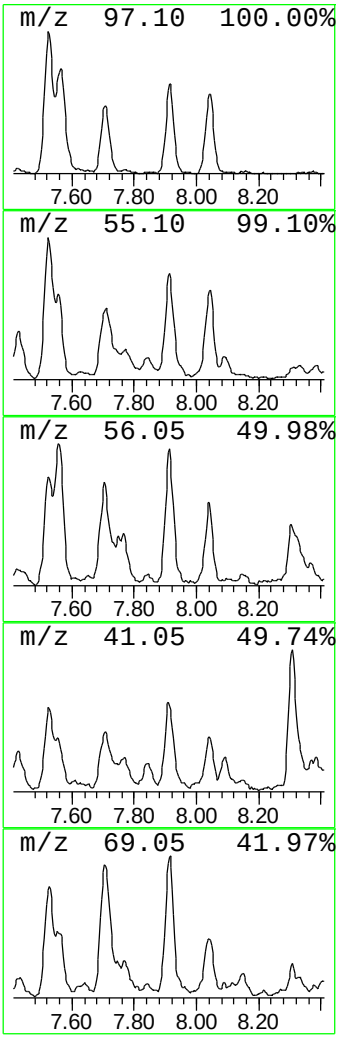
Peak Number 15 (DEL) Alkane: Cyclic7.91 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	5.74 ug/L	370081	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87





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Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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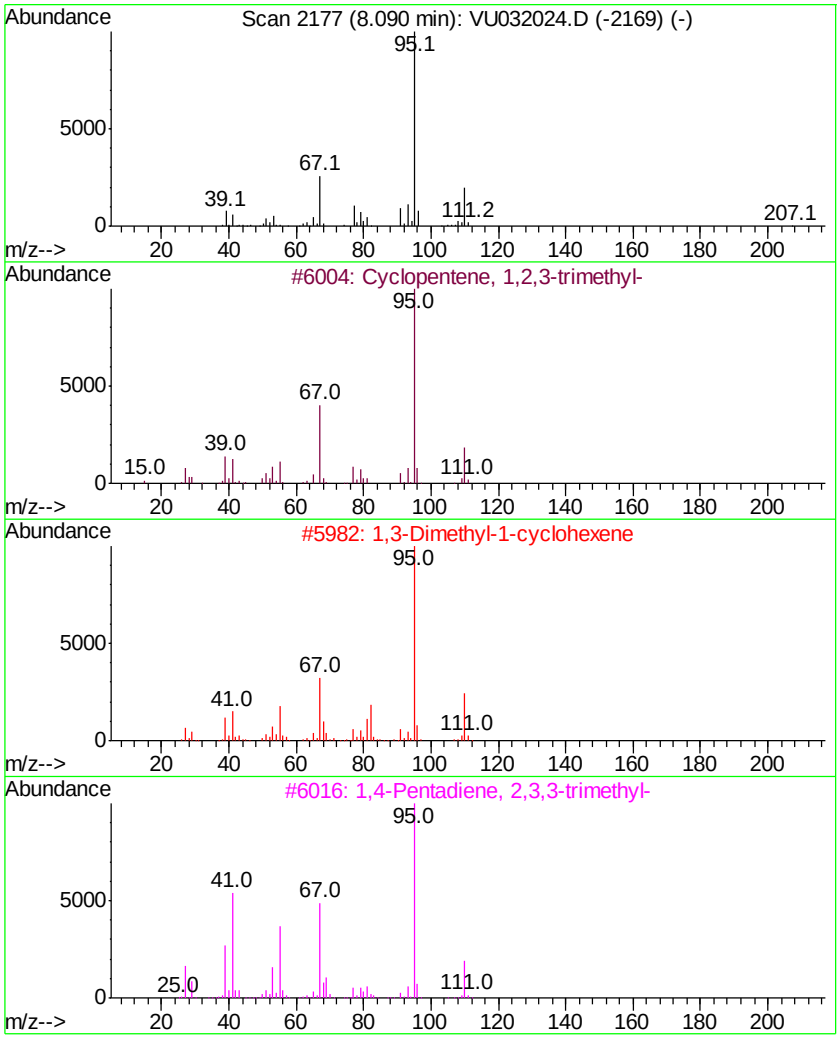
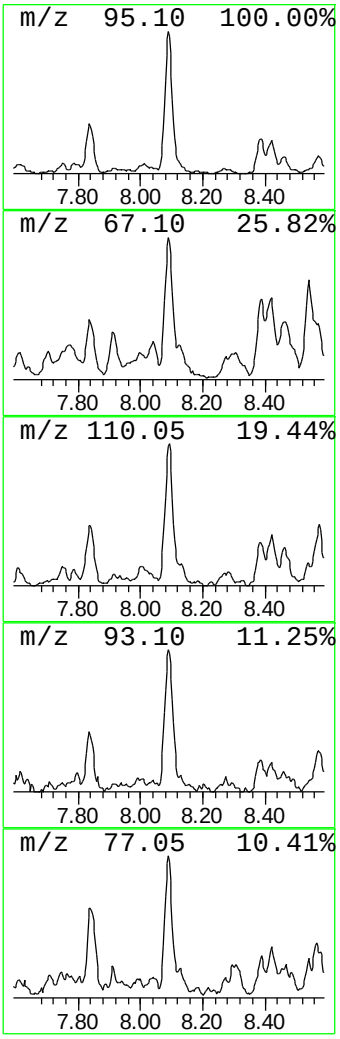
Peak Number 16 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.64 ug/L	363141	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	64
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	62





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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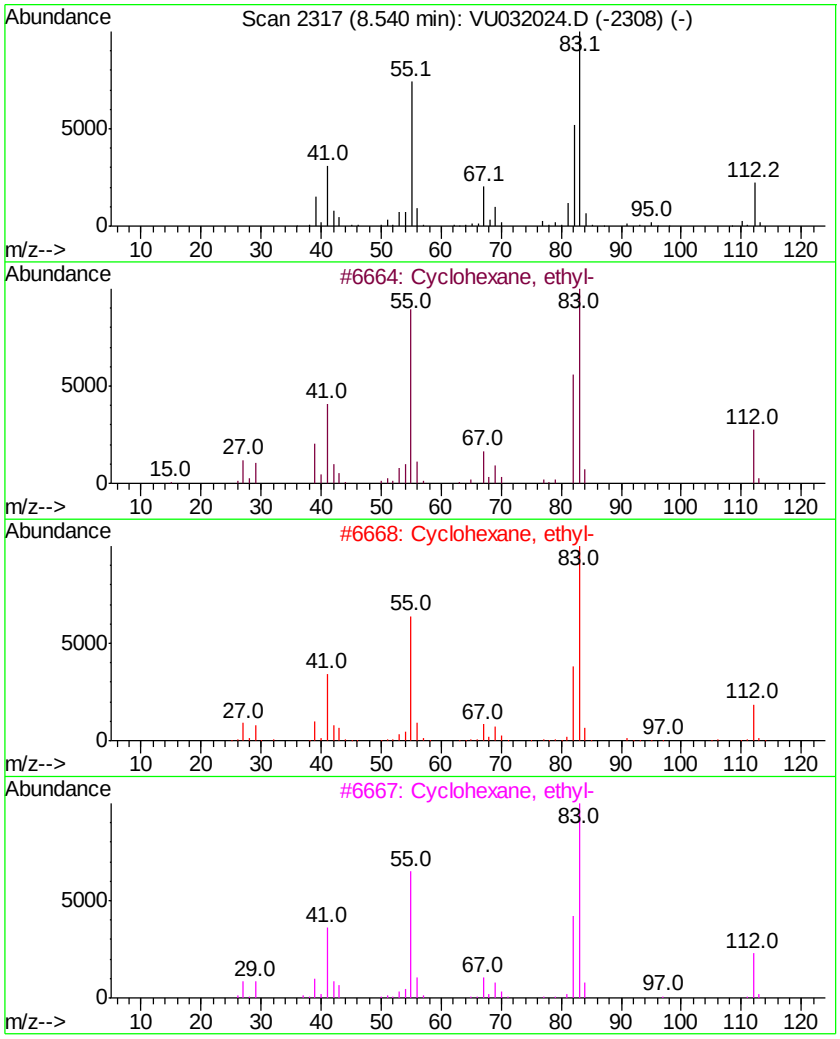
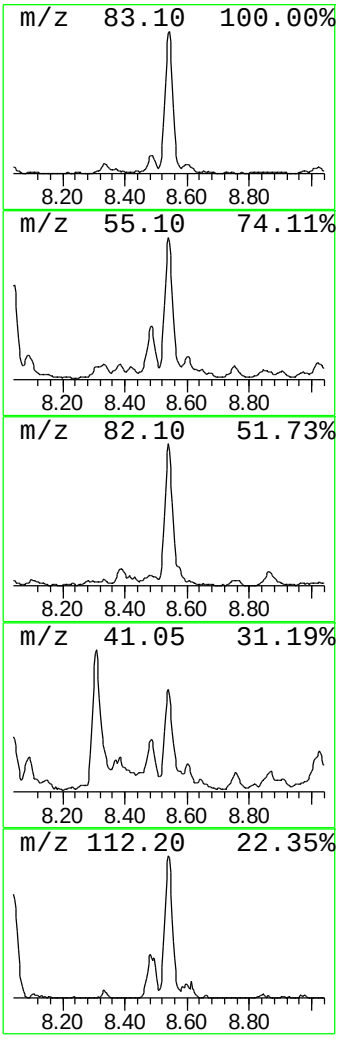
Peak Number 17 (DEL) Alkane: Cyclic8.54 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	6.26 ug/L	403300	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	94
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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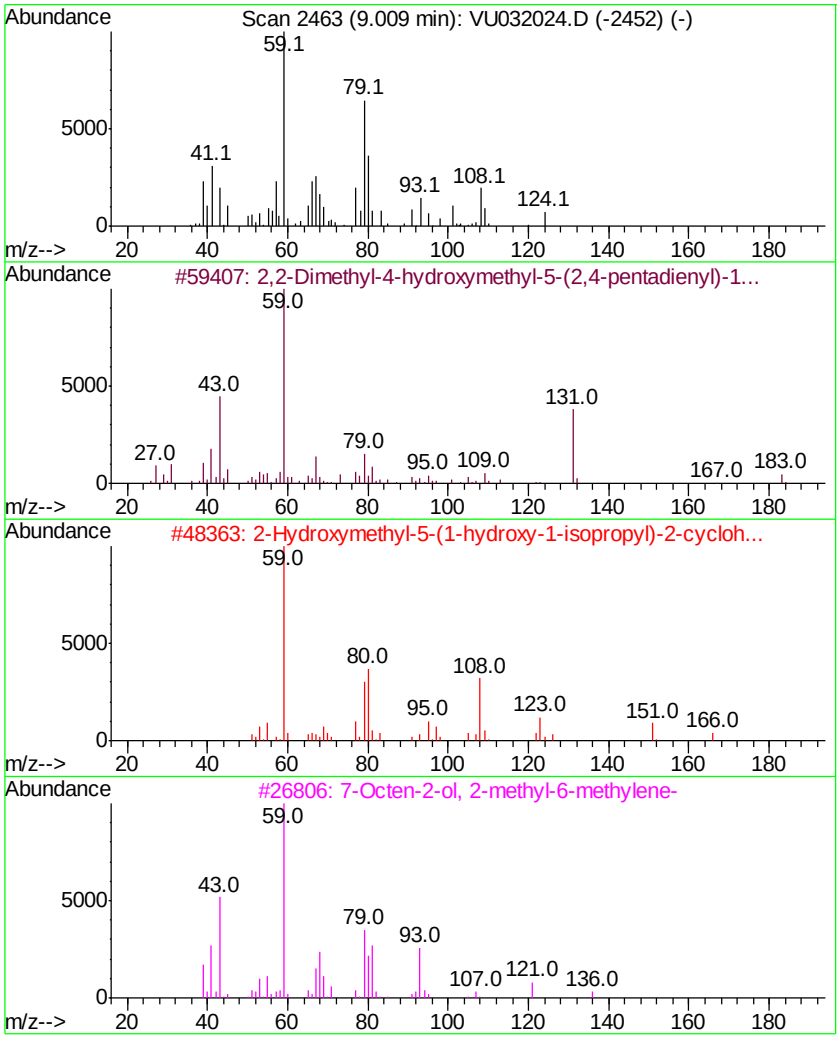
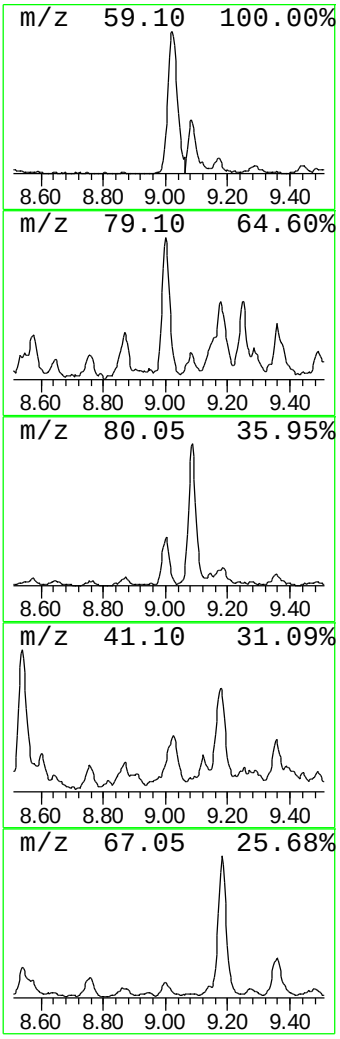
Peak Number 18 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.20 ug/L	206375	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-4-hydroxymethyl-5-(...	198	C11H18O3	1000284-41-5	43
2	2-Hydroxymethyl-5-(1-hydroxy-1-i...	184	C10H16O3	097762-06-6	40
3	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	38
4	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	38
5	1-Chloro-2-ethoxyethane	108	C4H9ClO	000628-34-2	35





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

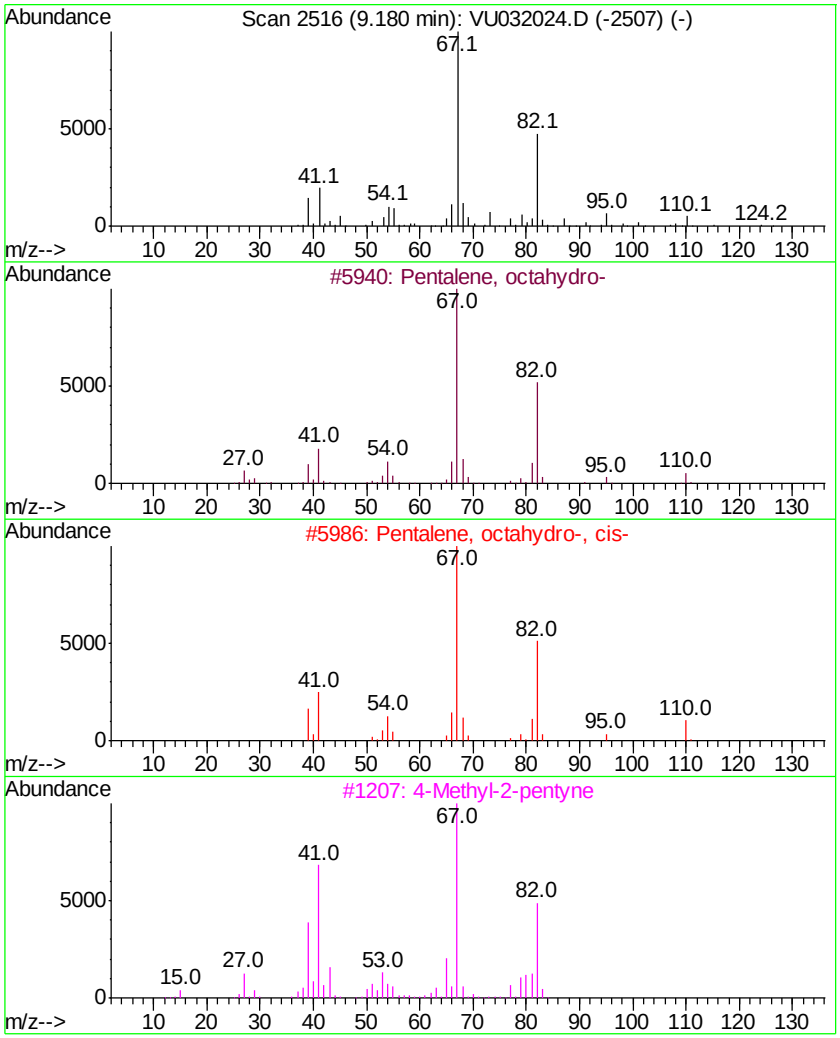
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

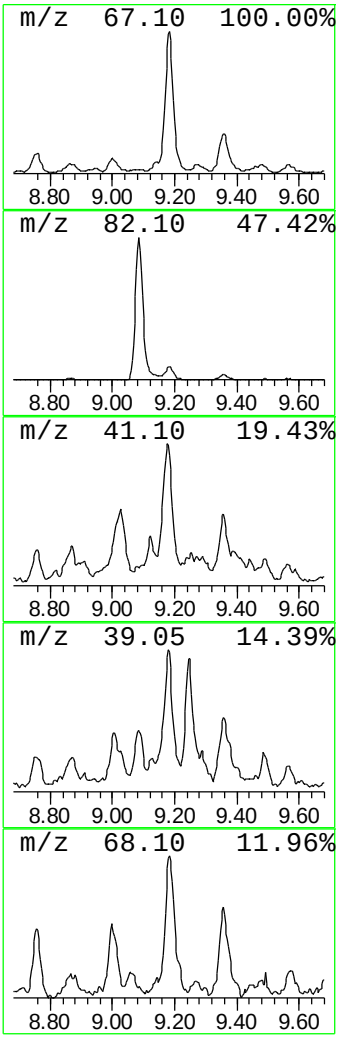
****

Peak Number 19 Pentalene, octahydro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	7.55 ug/L	486467	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	86
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	78
3	4-Methyl-2-pentyne	82	C6H10	021020-27-9	72
4	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	64
5	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	64





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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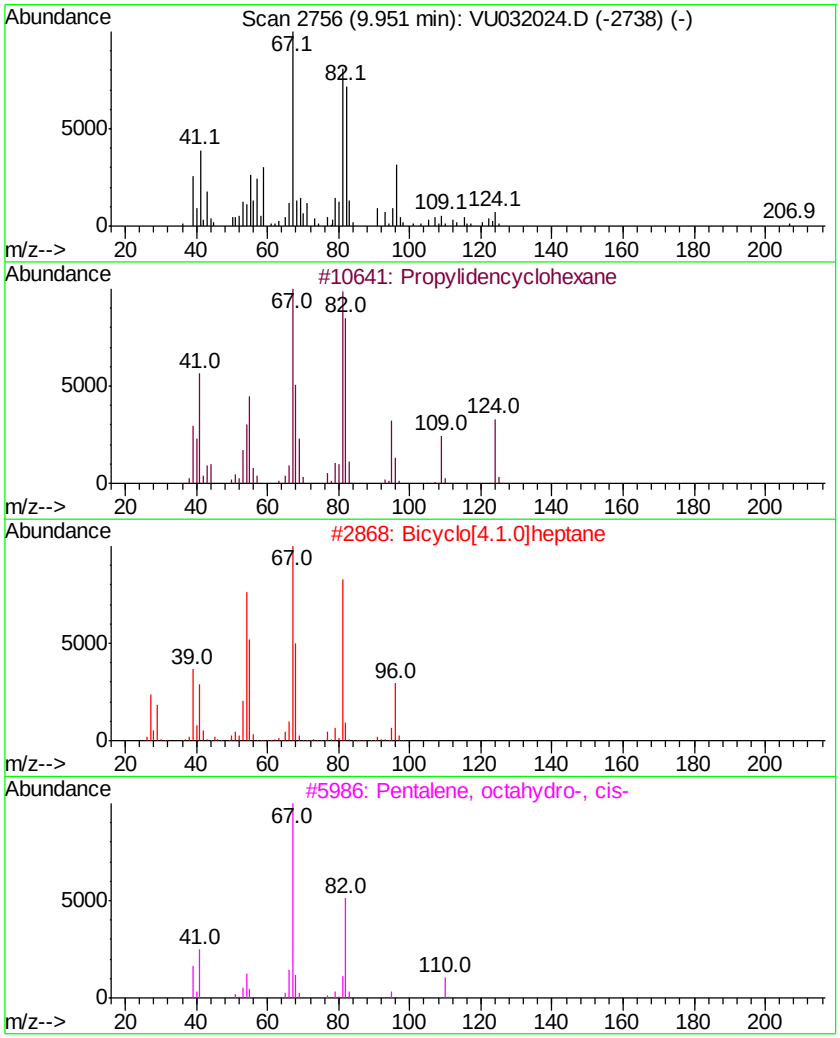
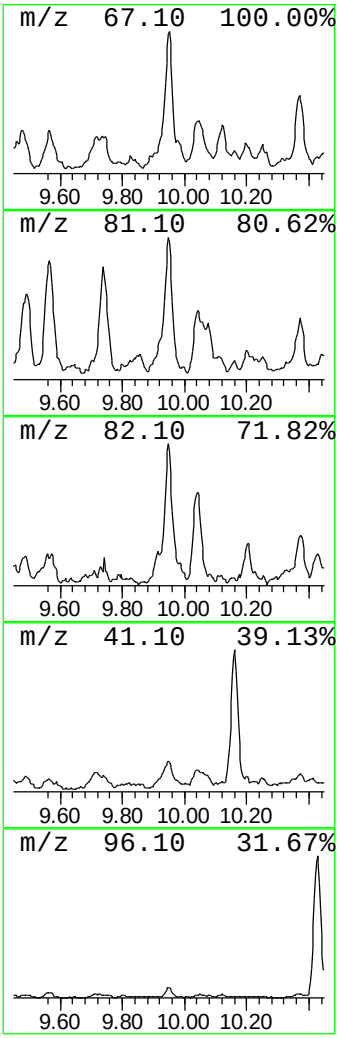
Peak Number 20 Propylidencyclohexane Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.74 ug/L	176367	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylidencyclohexane	124	C9H16	002129-93-3	80
2	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	52
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	47
4	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	43
5	4-Hexen-1-ol, pentafluoropropionate	246	C9H11F5O2	1000352-72-4	38





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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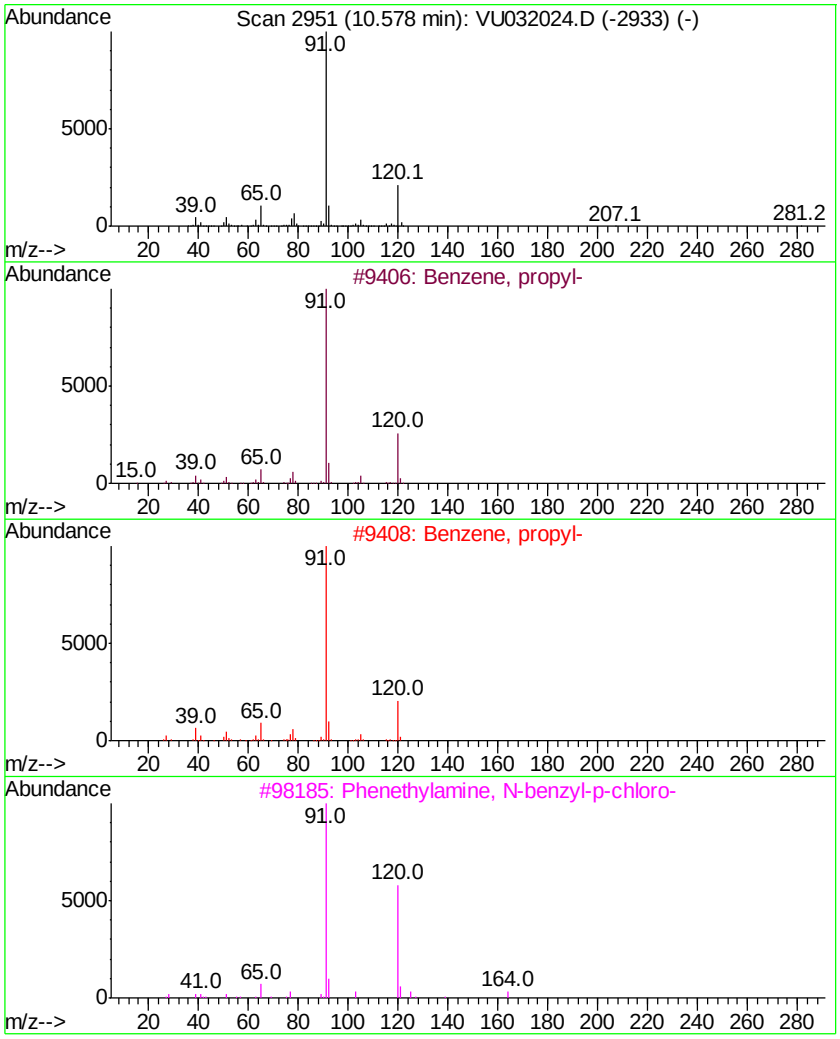
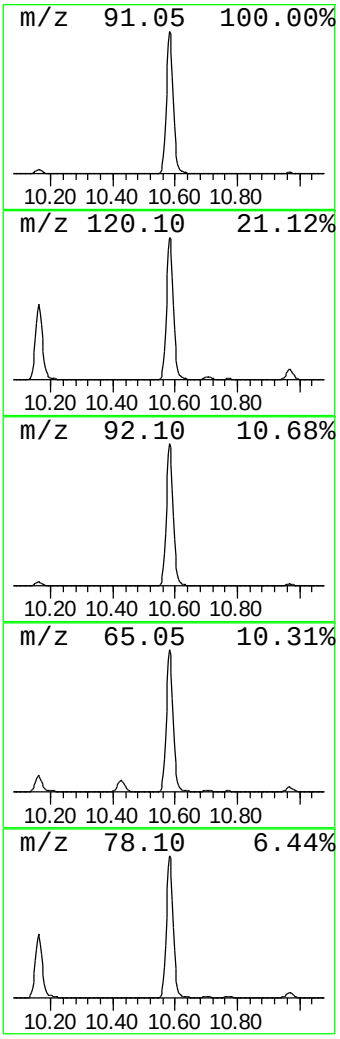
Peak Number 21 Benzene, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	102.87 ug/L	6147210	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





Library Search Compound Report

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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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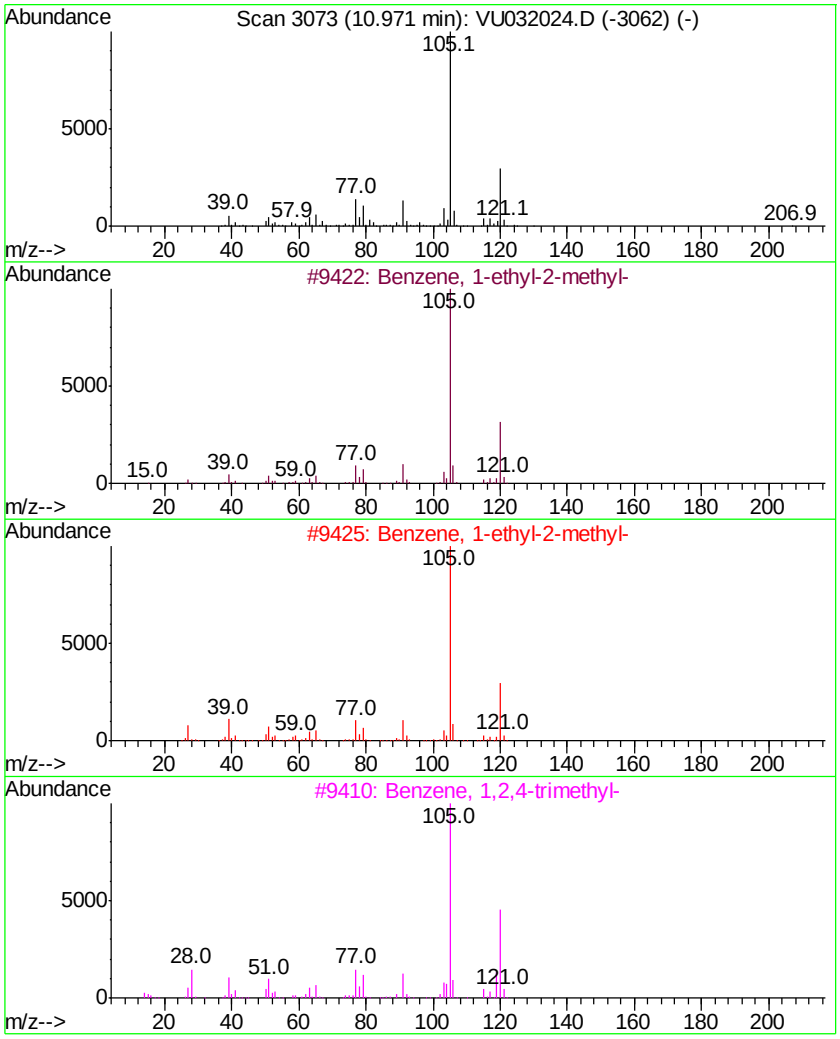
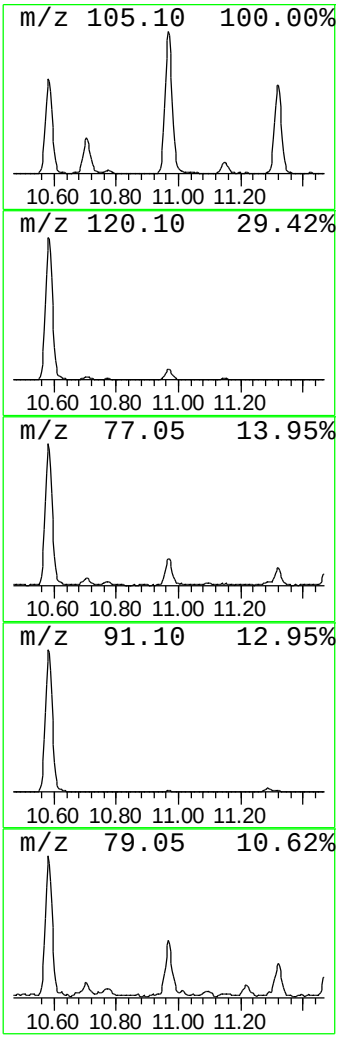
Peak Number 22 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	8.23 ug/L	492066	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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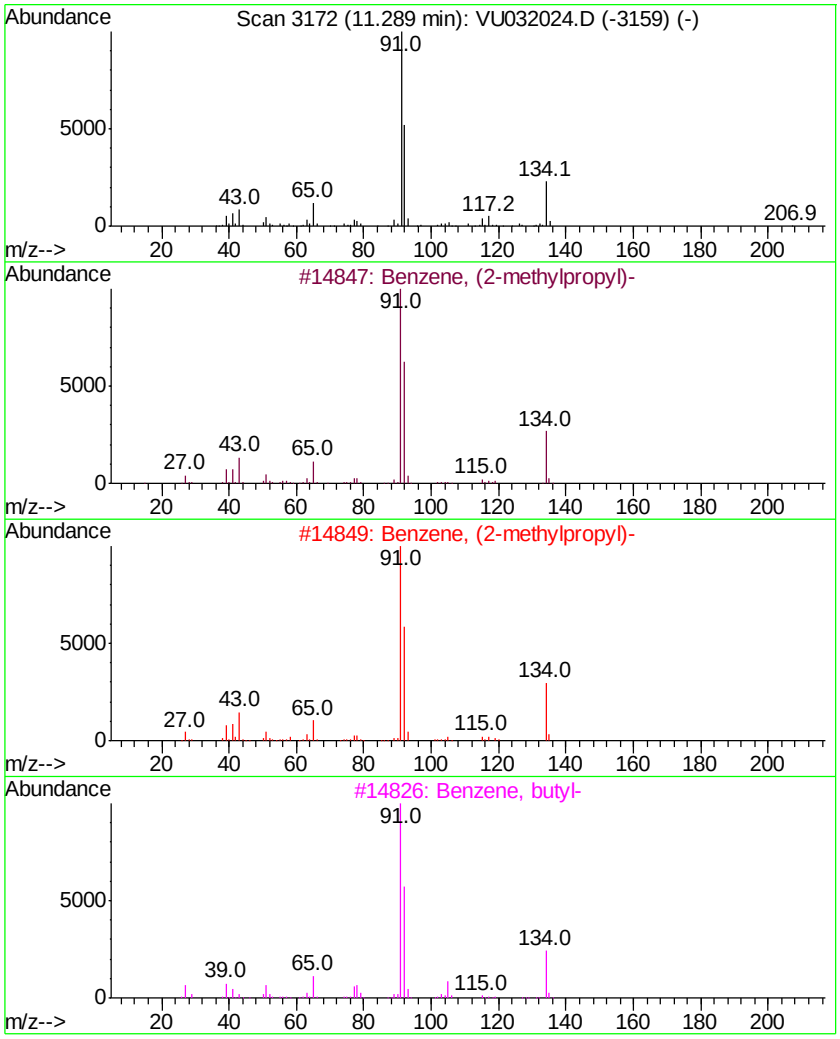
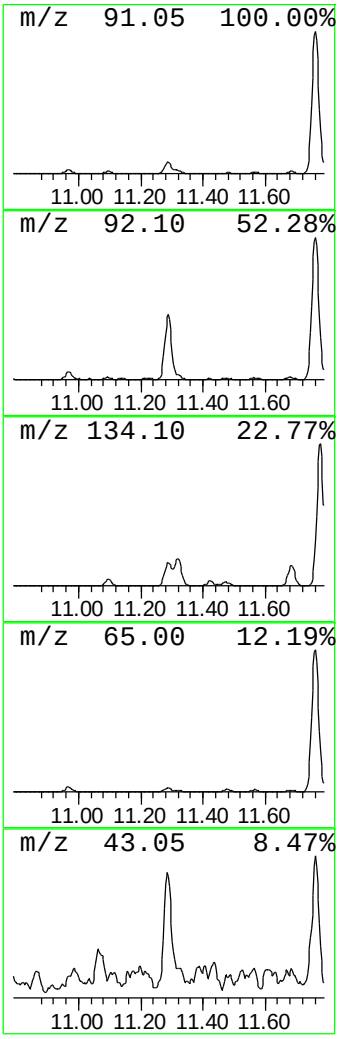
Peak Number 23 Benzene, (2-methylpropyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.57 ug/L	213287	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, butyl-	134	C10H14	000104-51-8	80
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	74





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

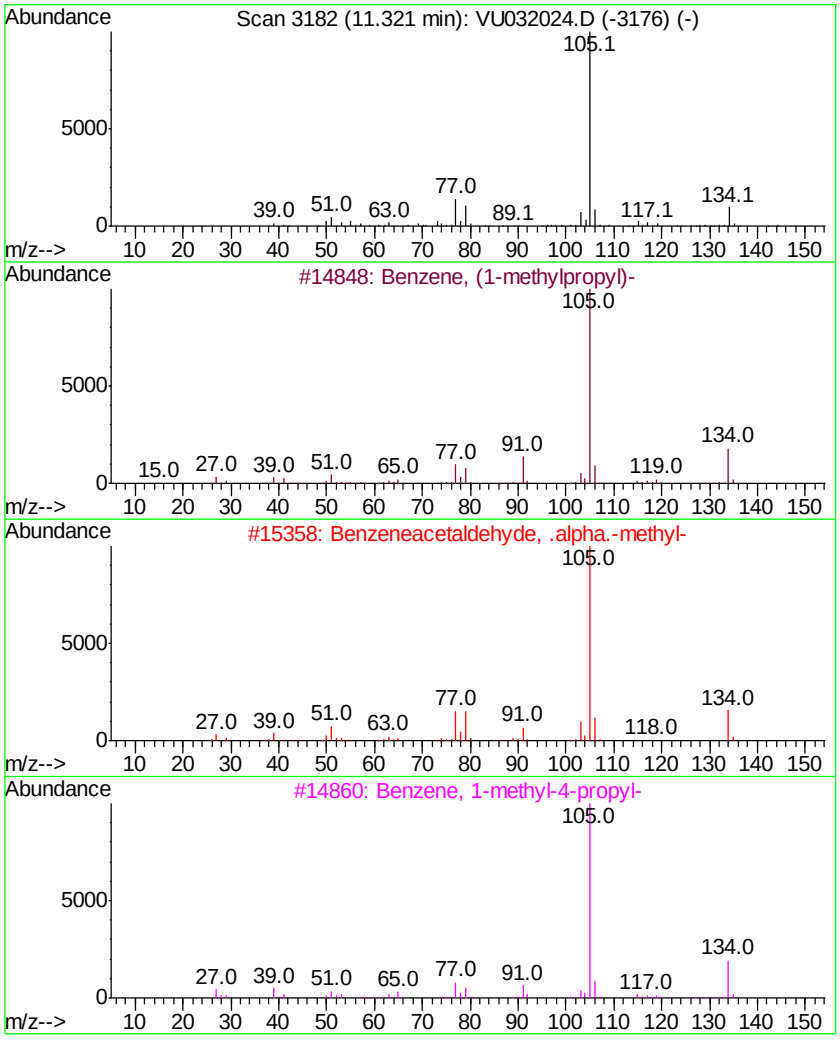
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

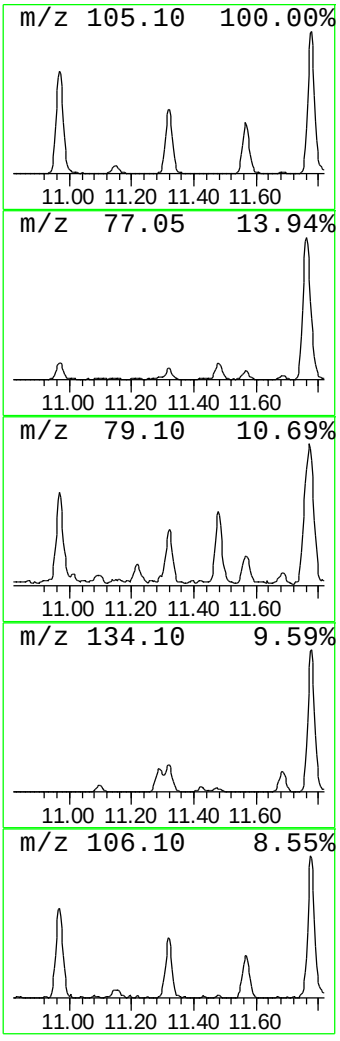
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, (1-methylpropyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	4.66 ug/L	278719	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	78





Library Search Compound Report

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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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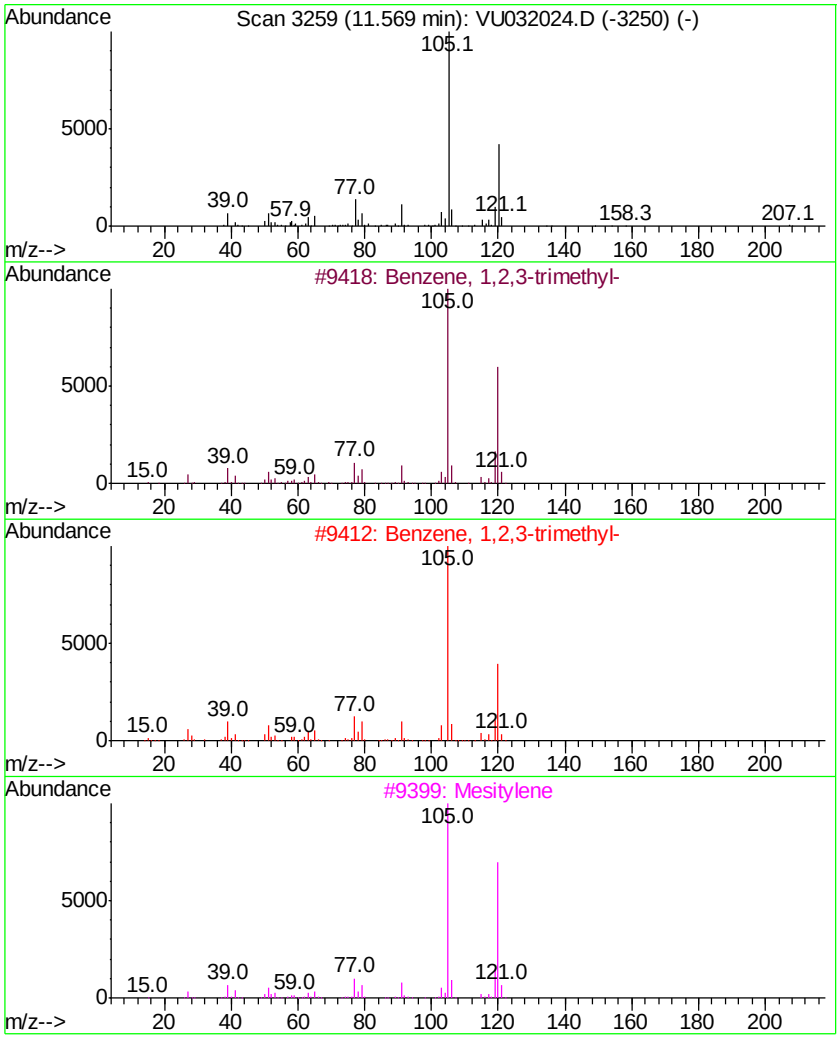
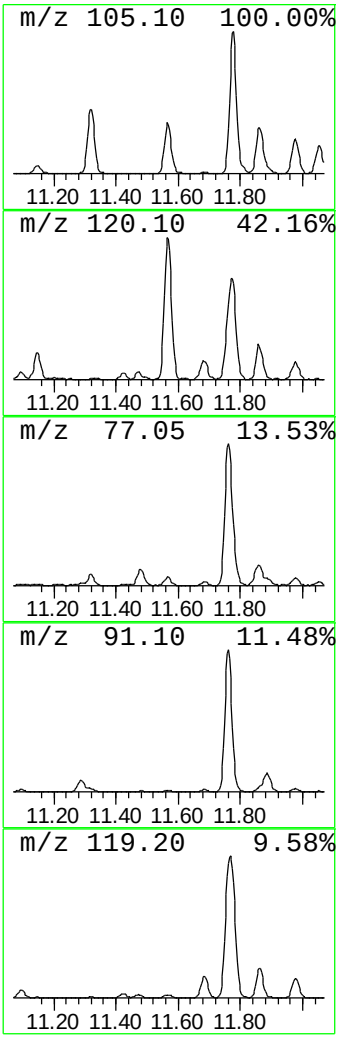
Peak Number 25 Benzene, 1,2,3-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.72 ug/L	222569	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

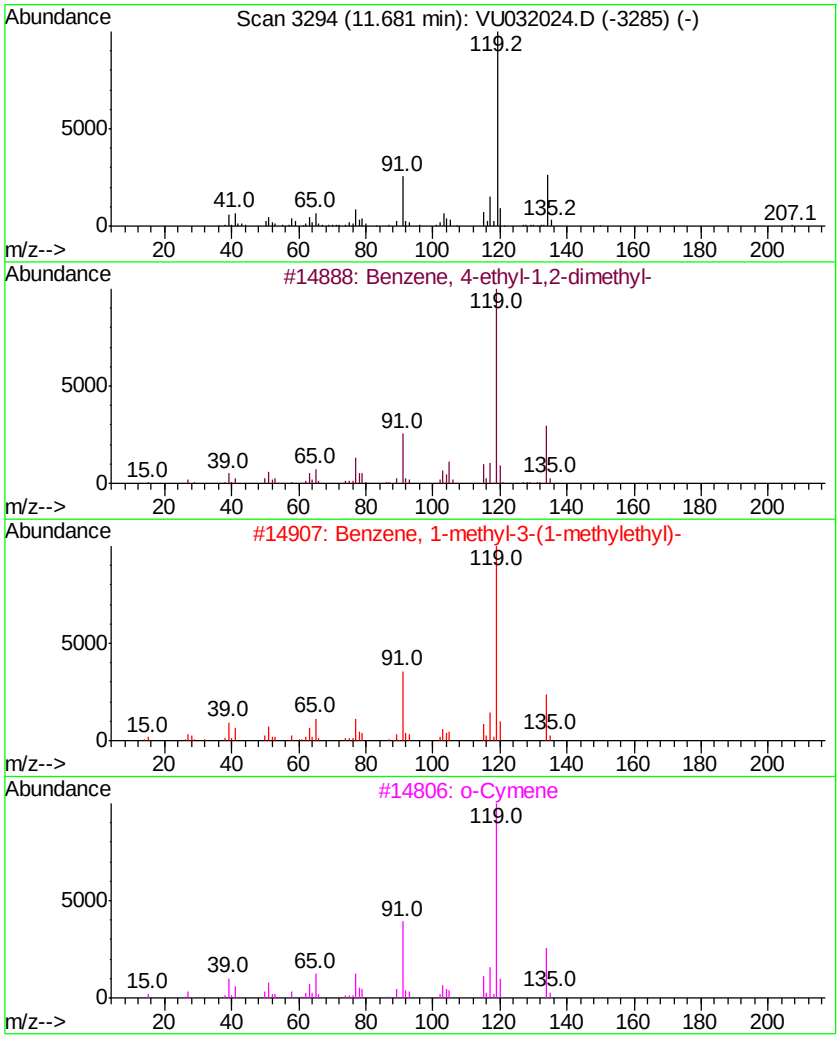
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

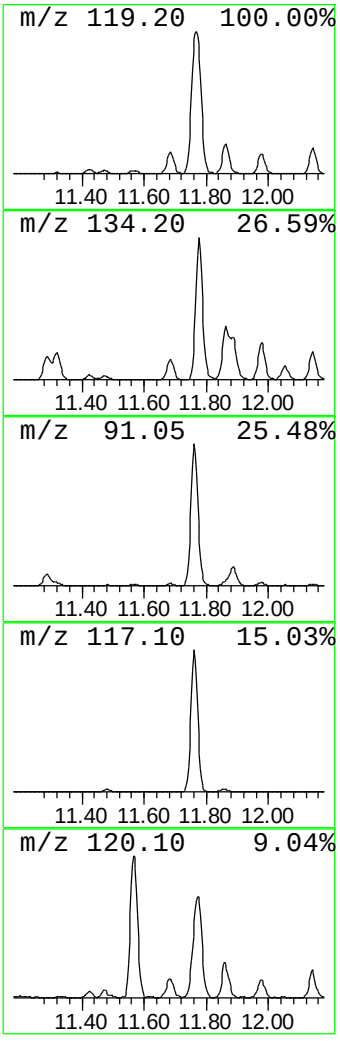
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.74 ug/L	163484	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	o-Cymene	134	C10H14	000527-84-4	91





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Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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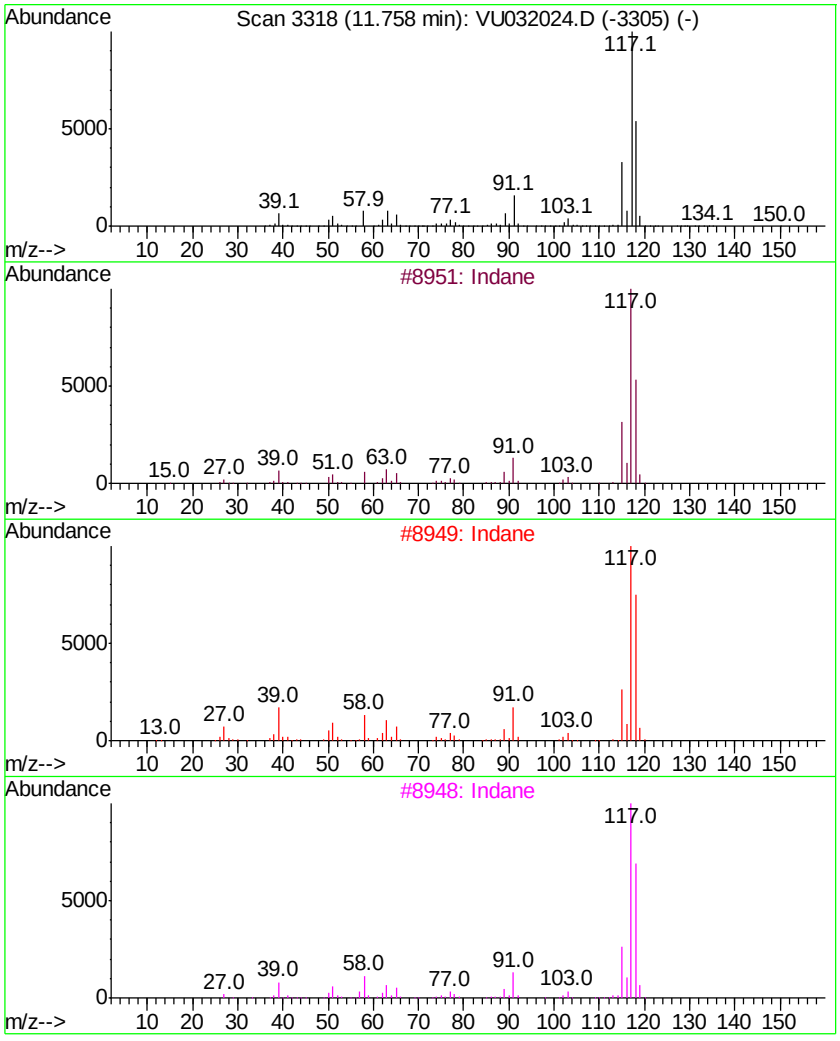
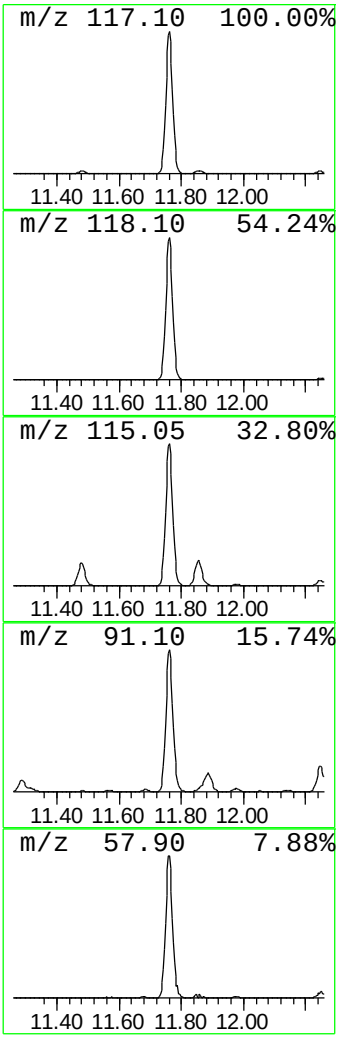
Peak Number 27 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	288.01 ug/L	17210300	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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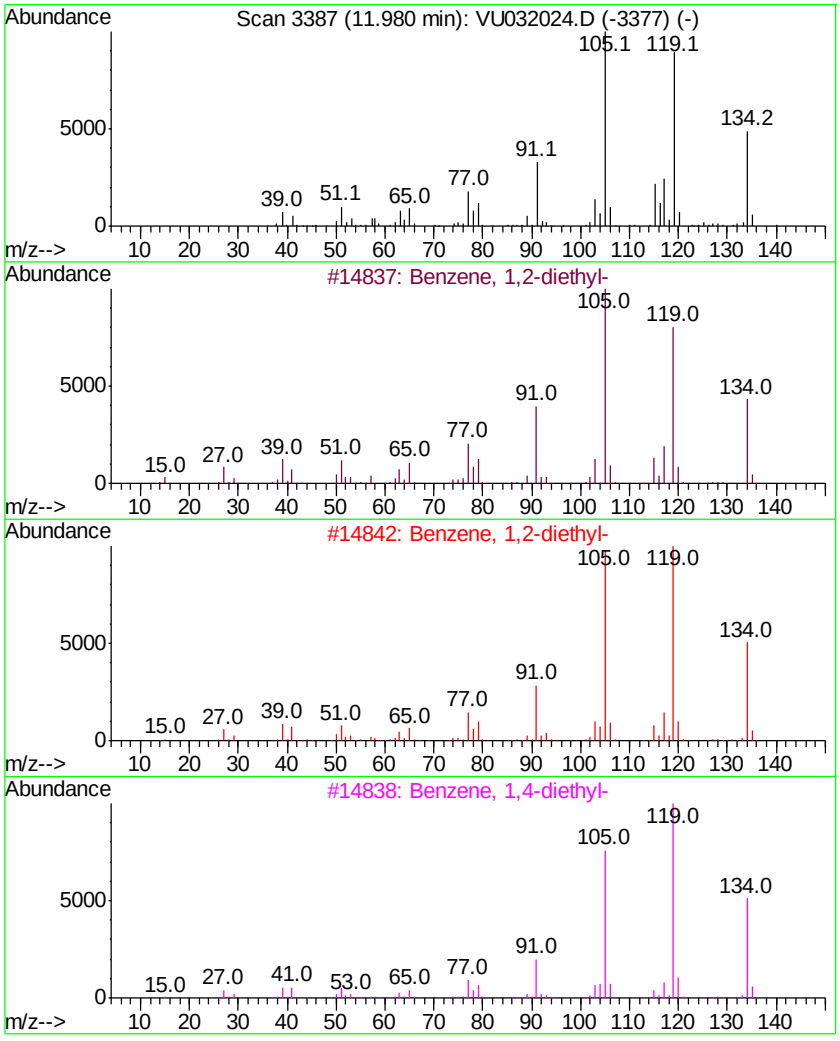
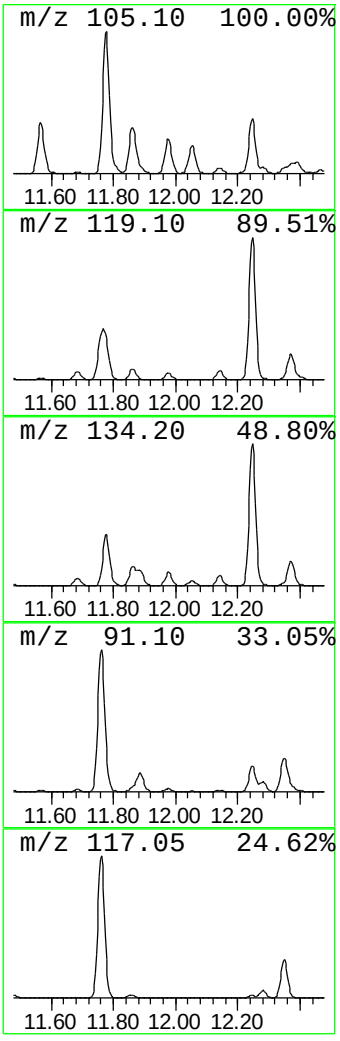
Peak Number 28 Benzene, 1,2-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.98 ug/L	297696	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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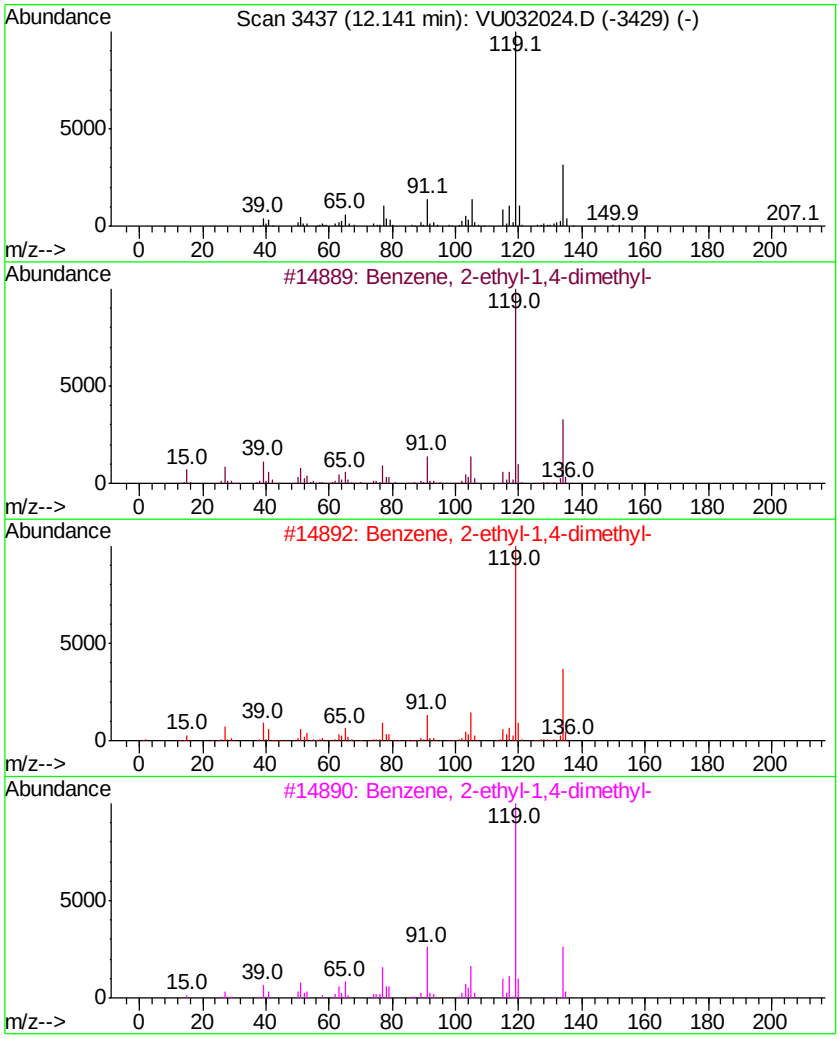
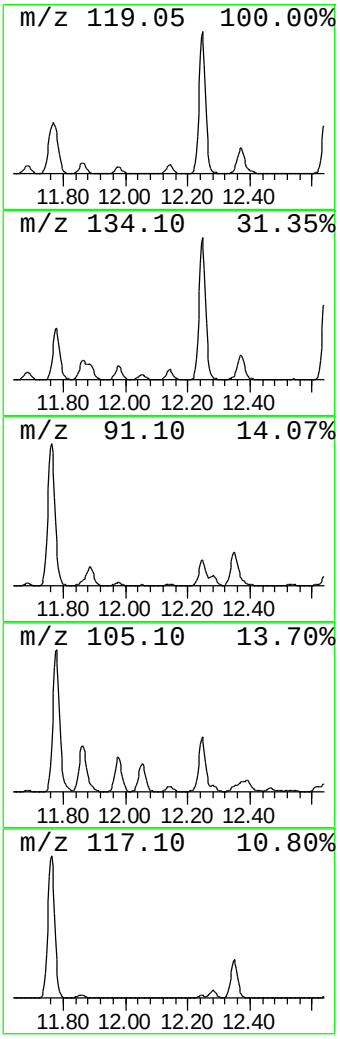
Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.08 ug/L	183929	1,4-Dichlorobenzene-d4	11.48

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	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

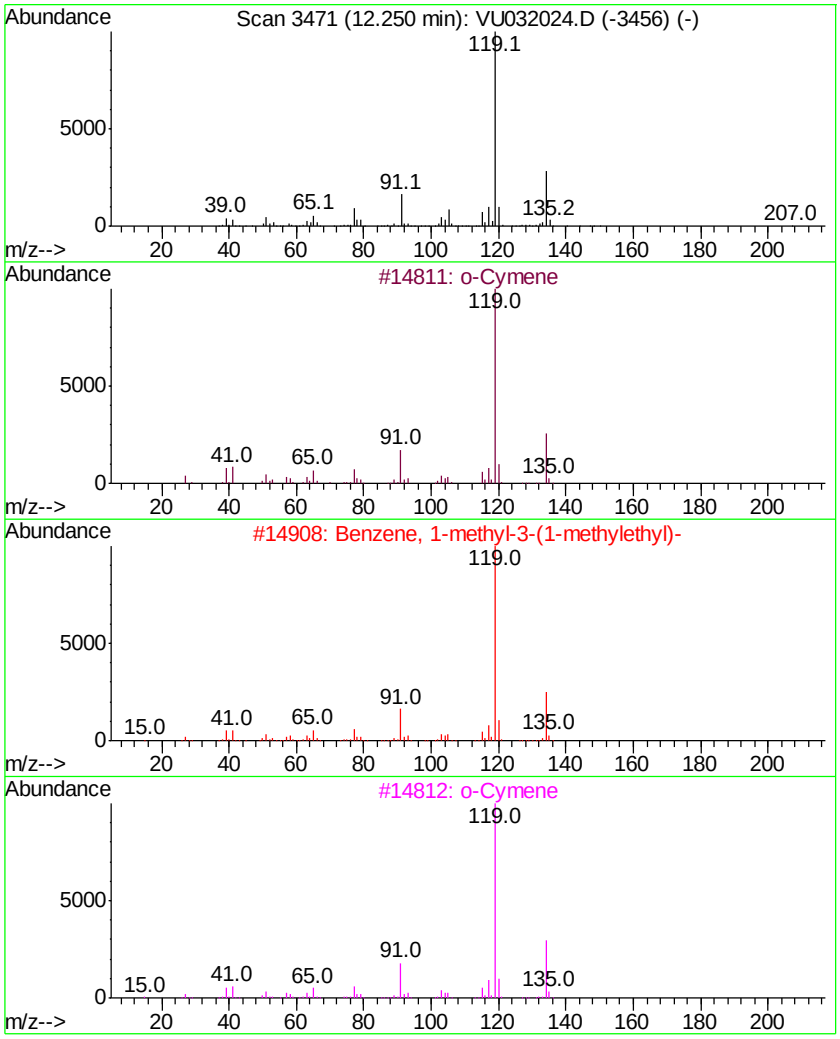
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

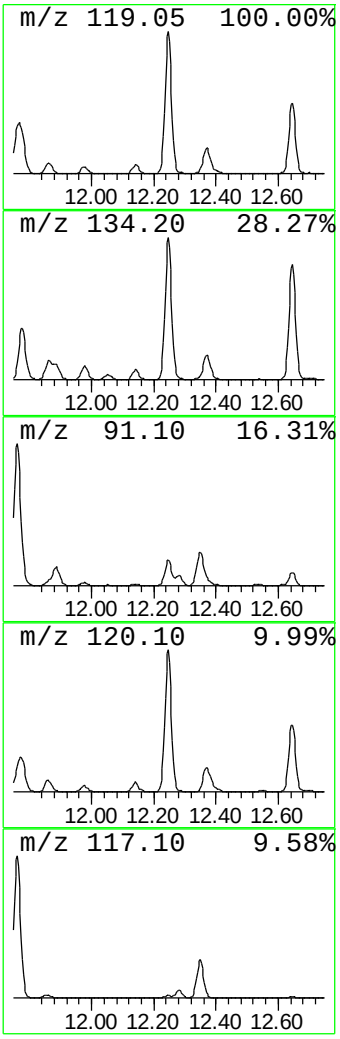
****

Peak Number 30 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	42.43 ug/L	2535460	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	p-Cymene	134	C10H14	000099-87-6	95





Library Search Compound Report

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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

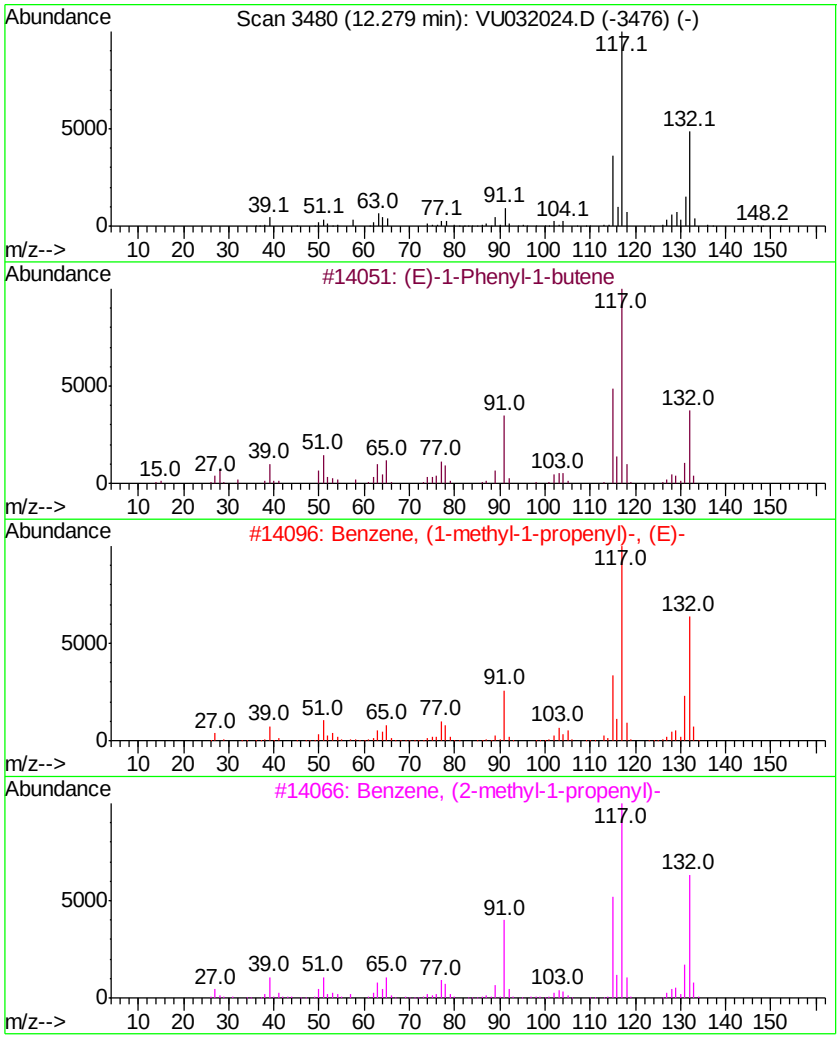
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

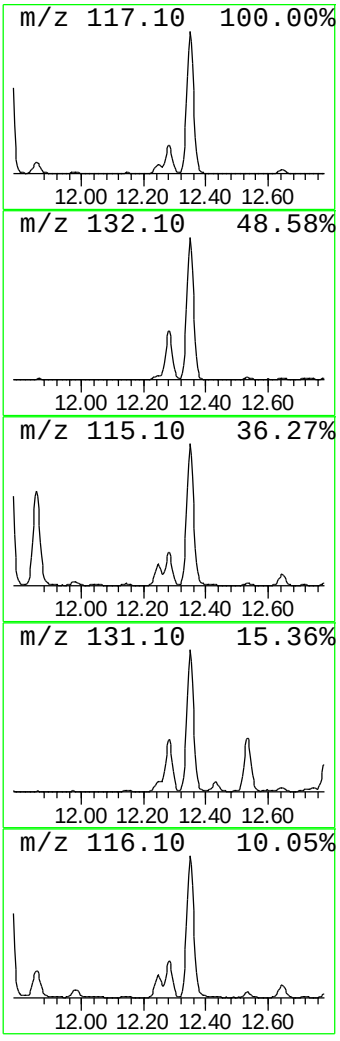
****

Peak Number 31 (E)-1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	16.56 ug/L	989628	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

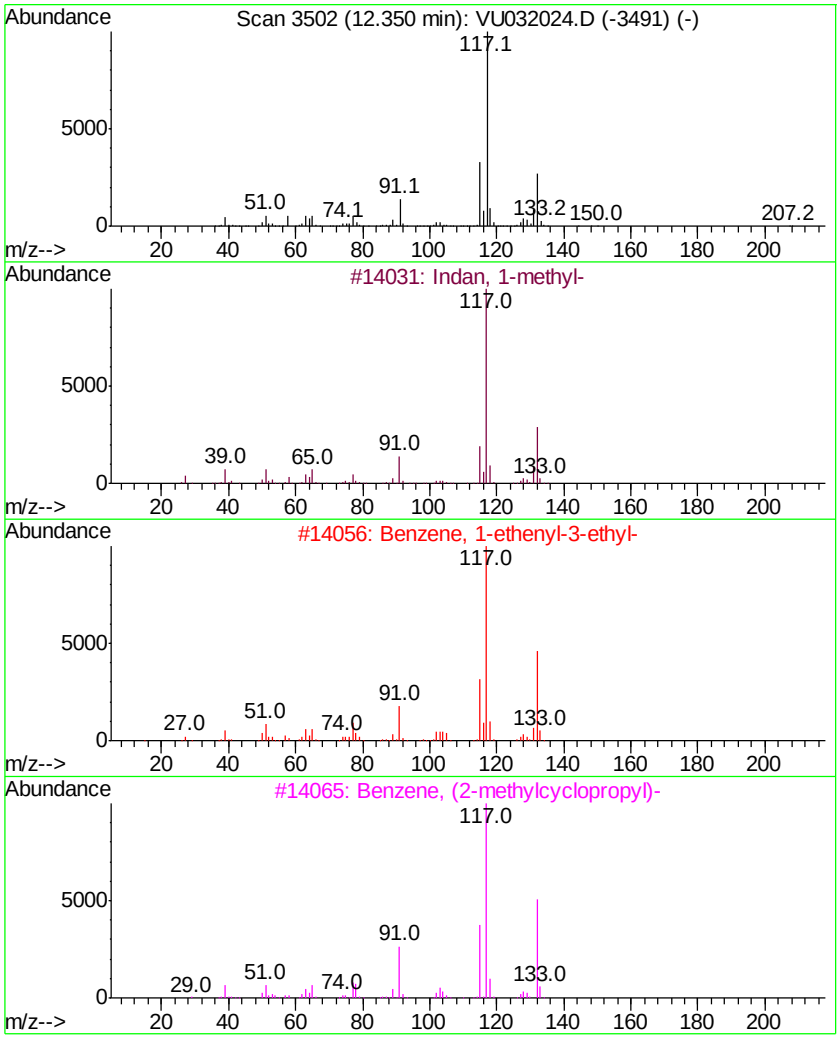
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

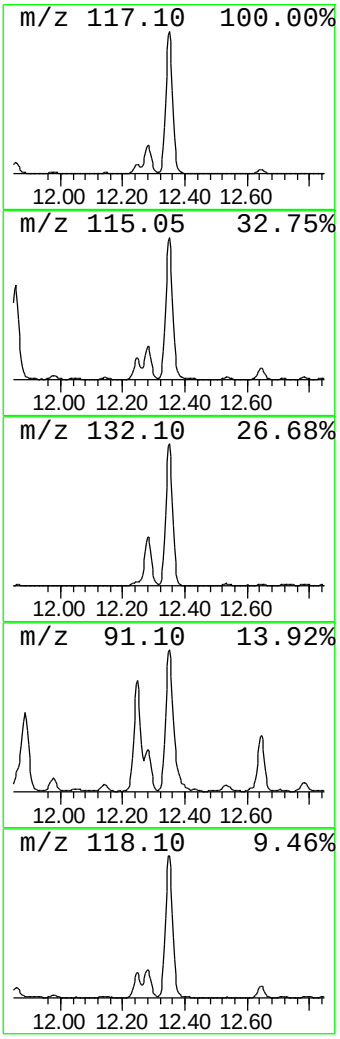
****

Peak Number 32 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	77.47 ug/L	4629670	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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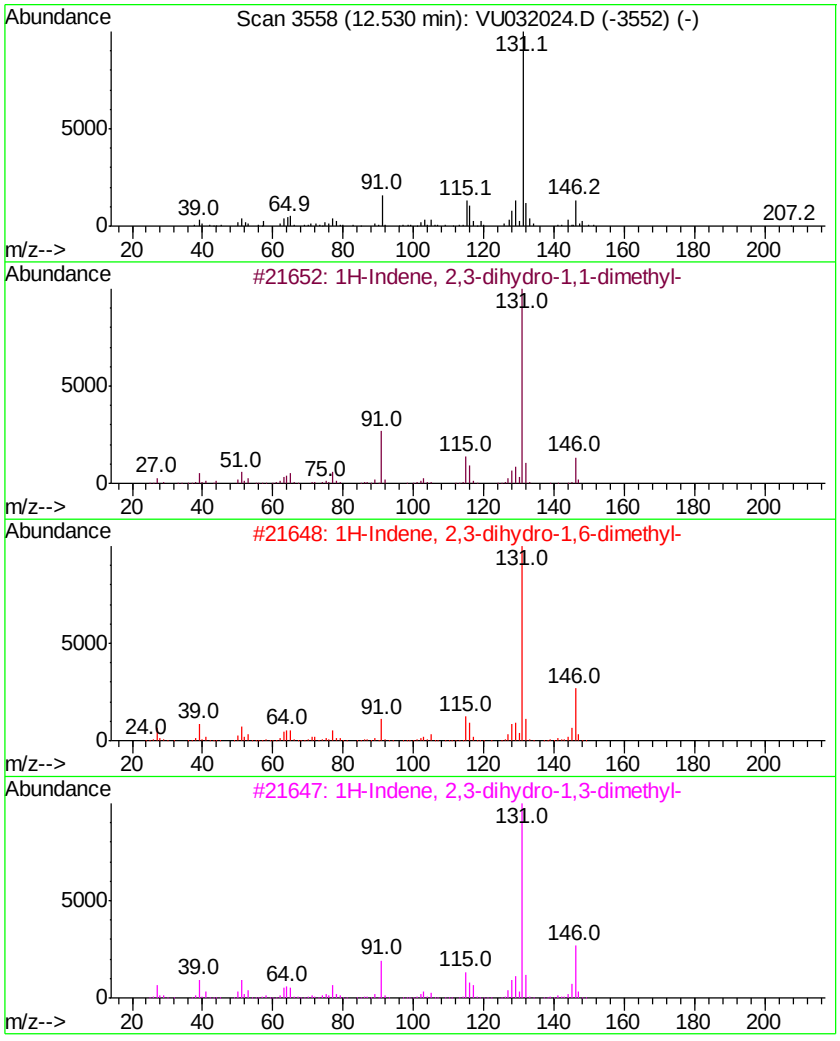
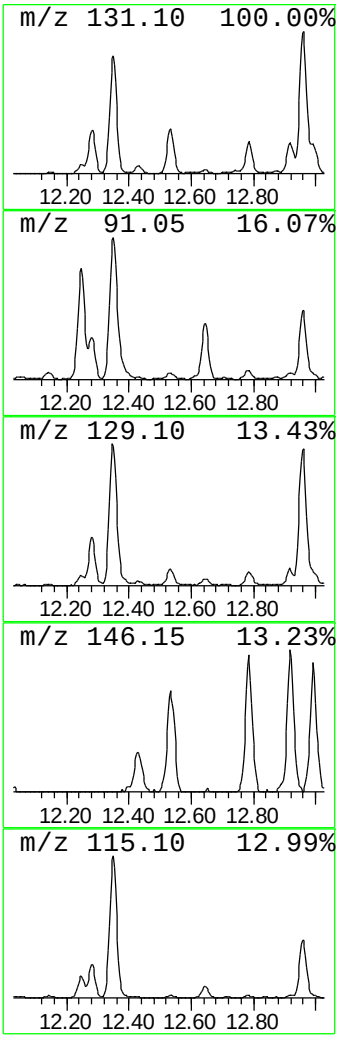
Peak Number 33 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.66 ug/L	158862	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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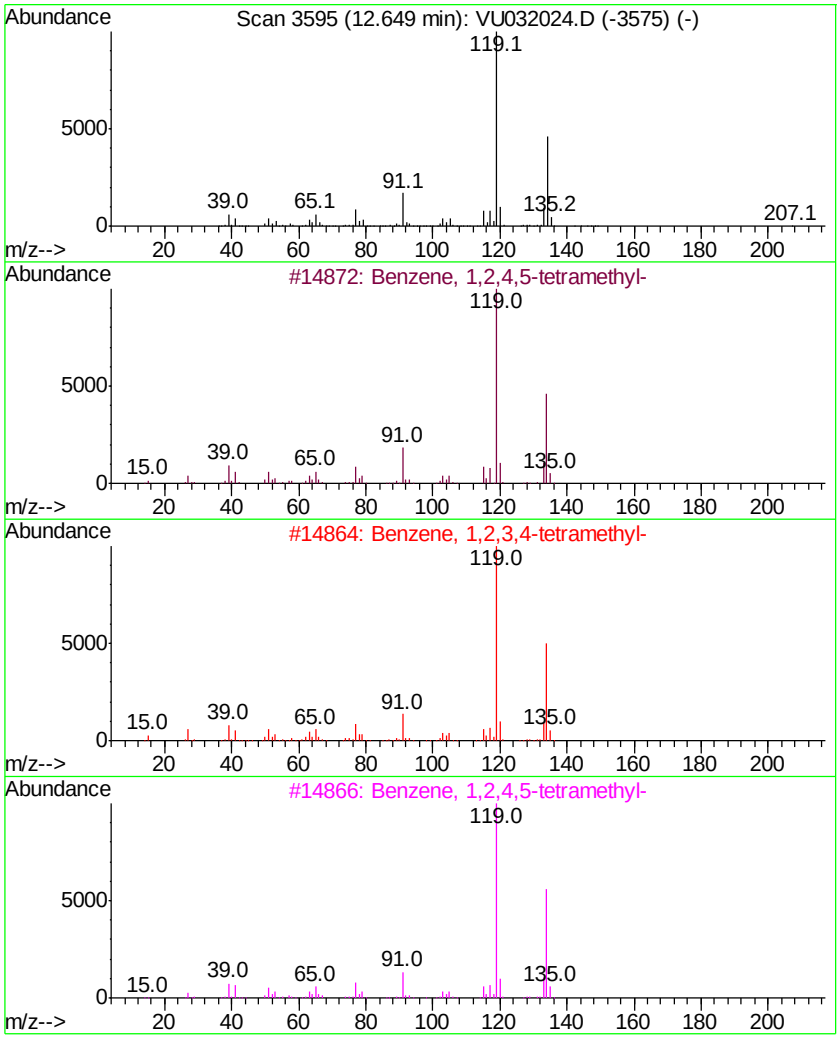
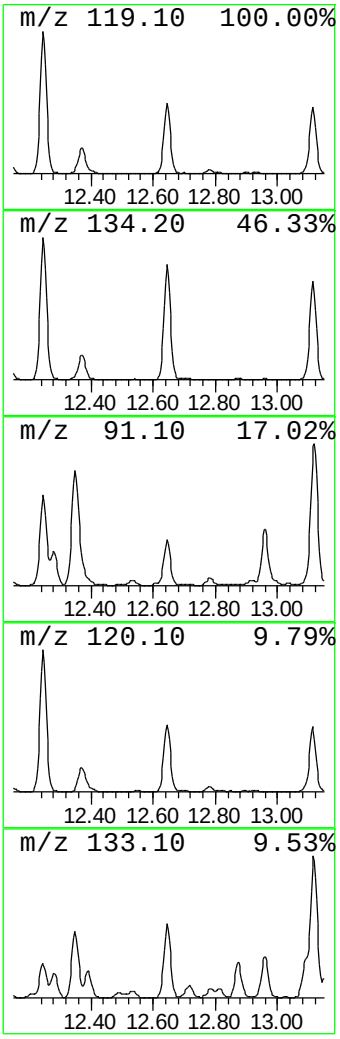
Peak Number 34 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	23.88 ug/L	1427030	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

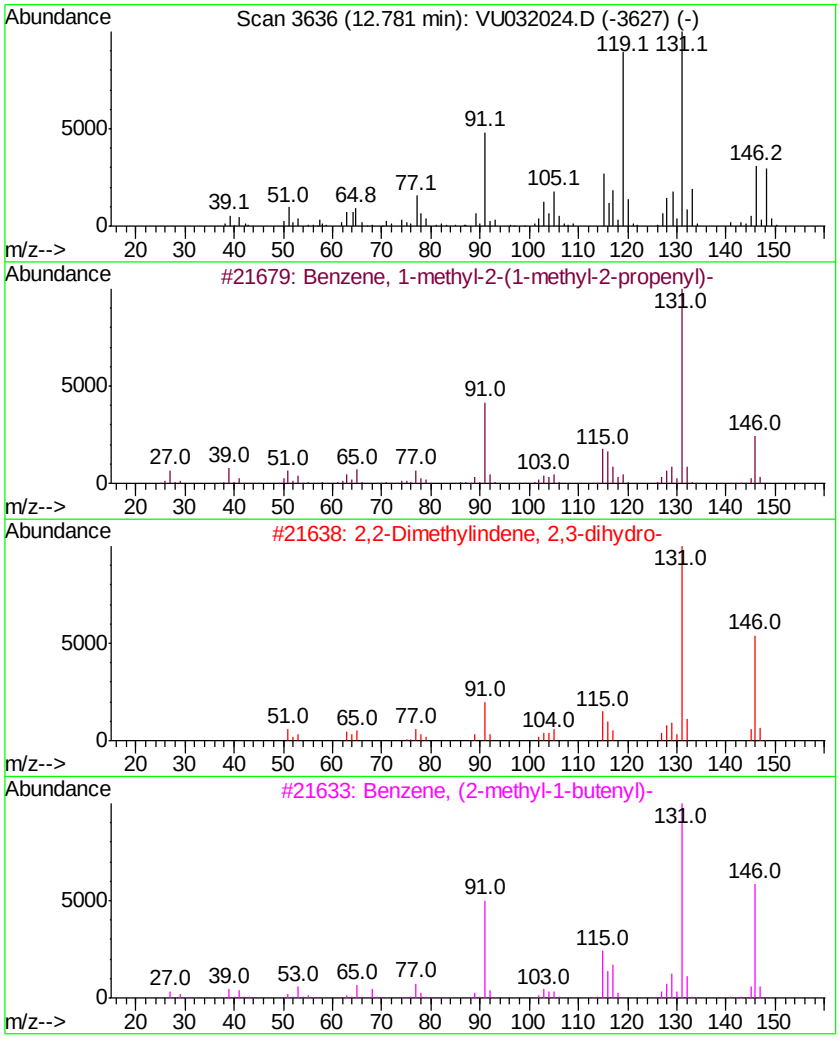
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

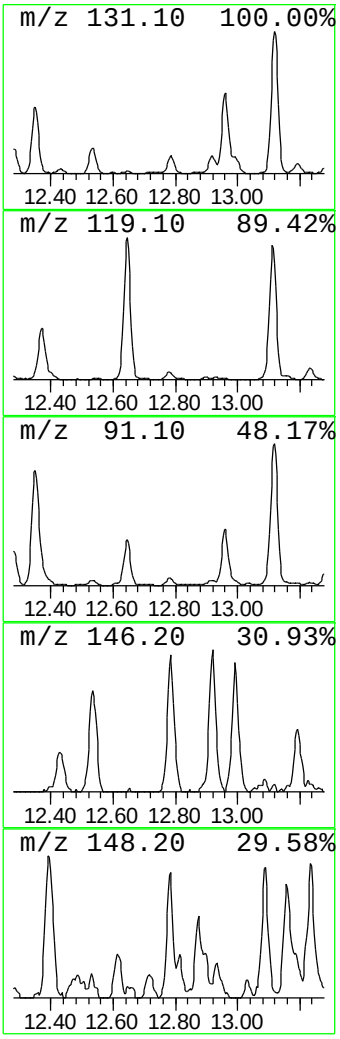
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-methyl-2-(1-meth... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	3.14 ug/L	187339	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	60
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	55





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

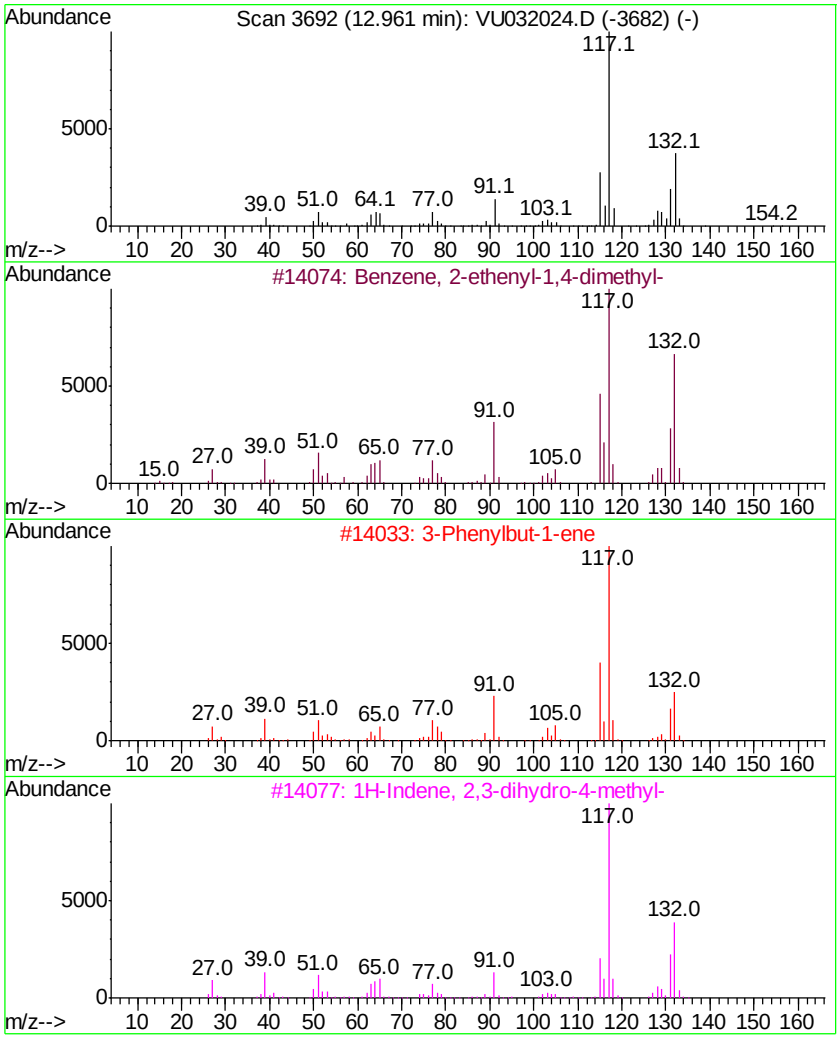
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

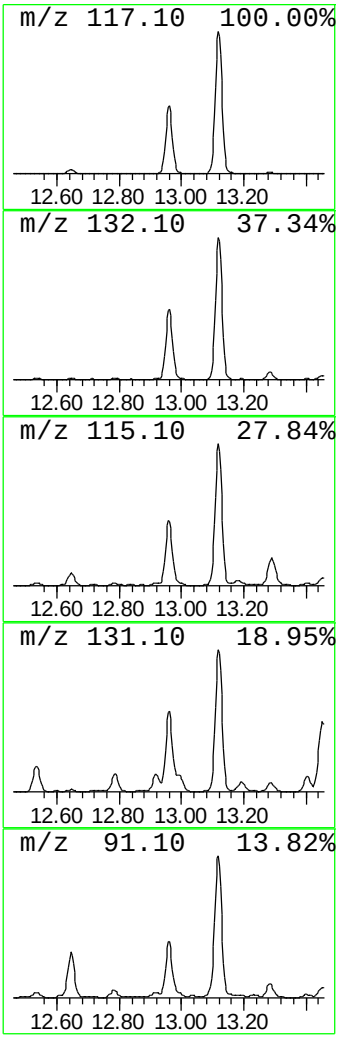
****

Peak Number 36 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	39.21 ug/L	2343220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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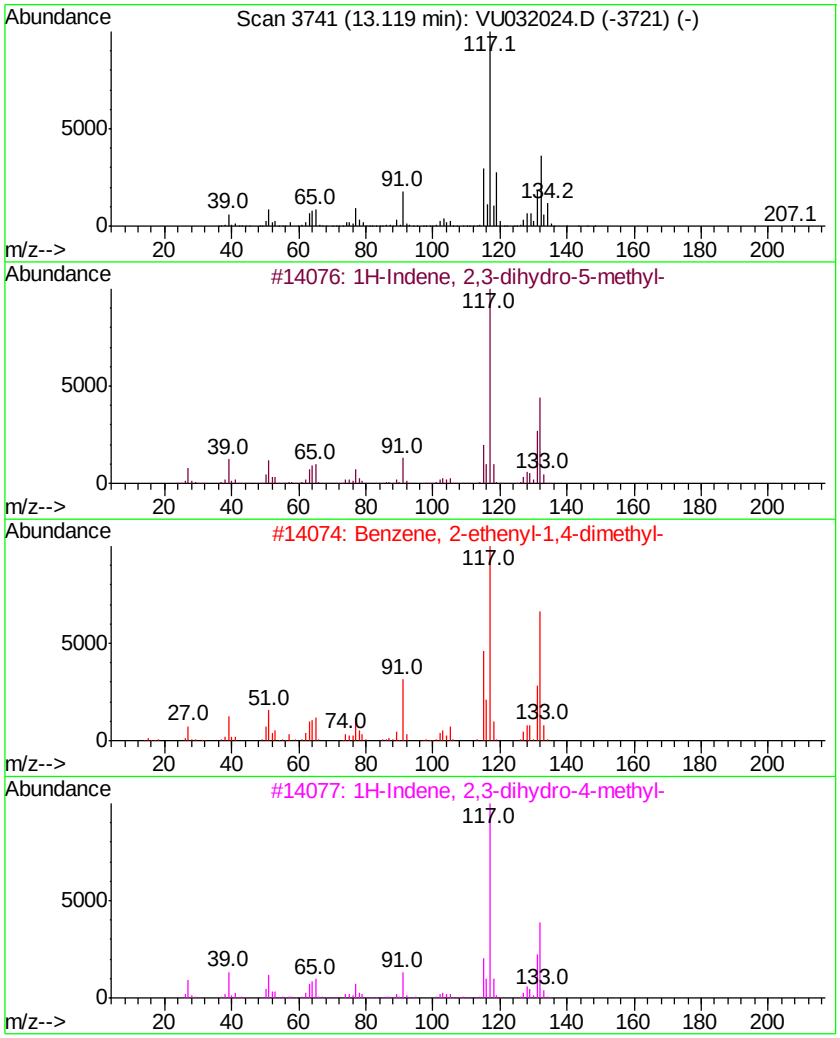
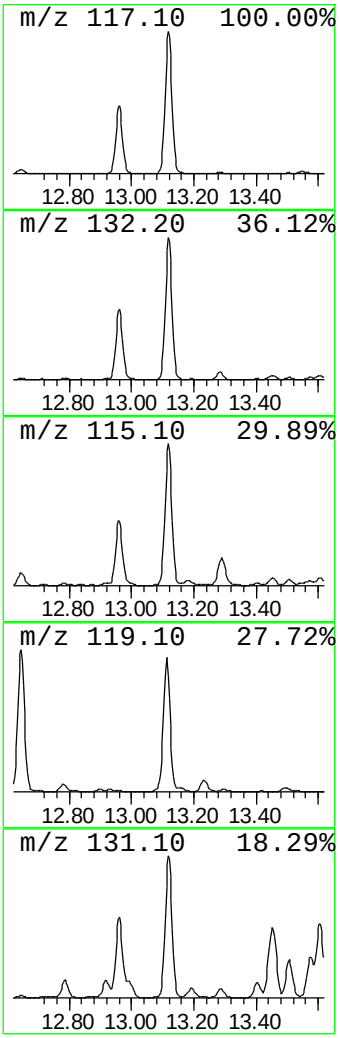
Peak Number 37 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	96.96 ug/L	5793800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Library Search Compound Report

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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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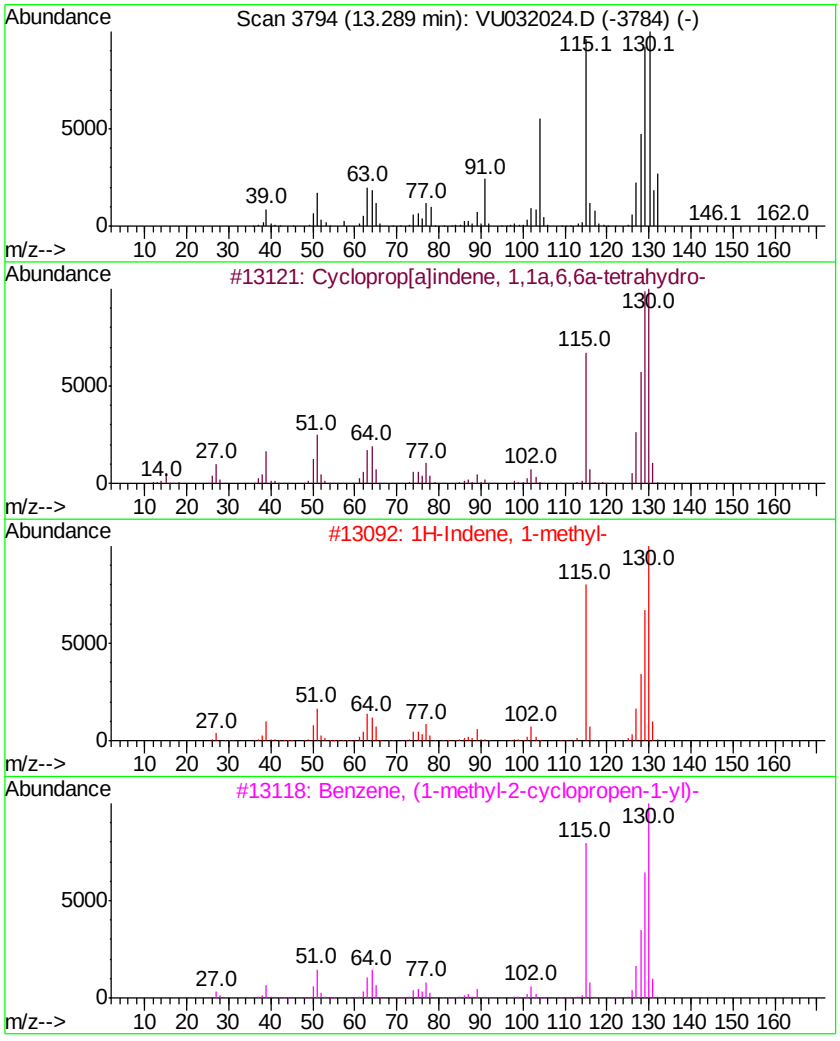
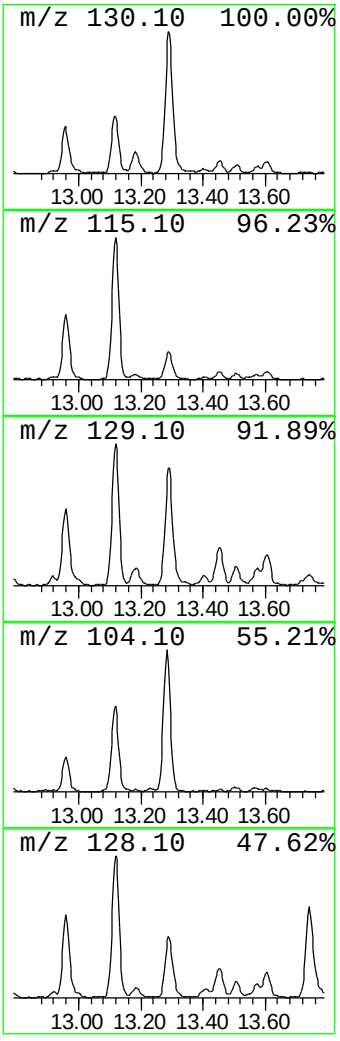
Peak Number 38 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	11.86 ug/L	708526	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	2-Methylindene	130	C10H10	002177-47-1	93
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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

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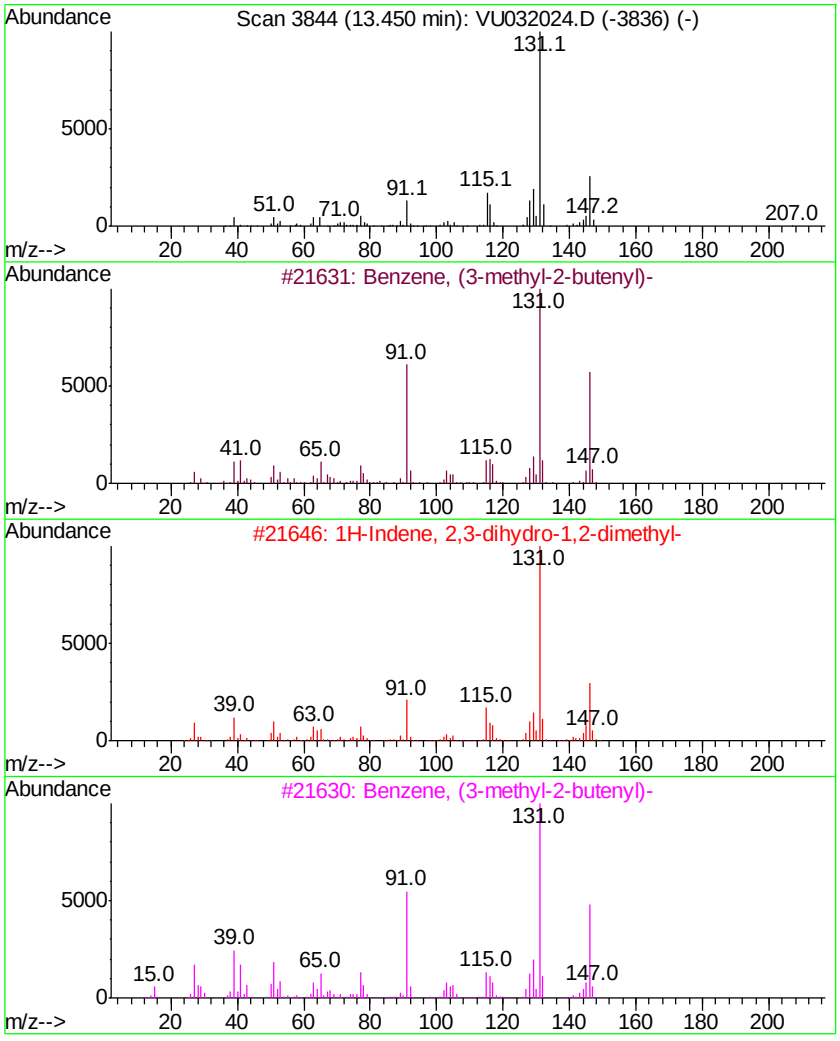
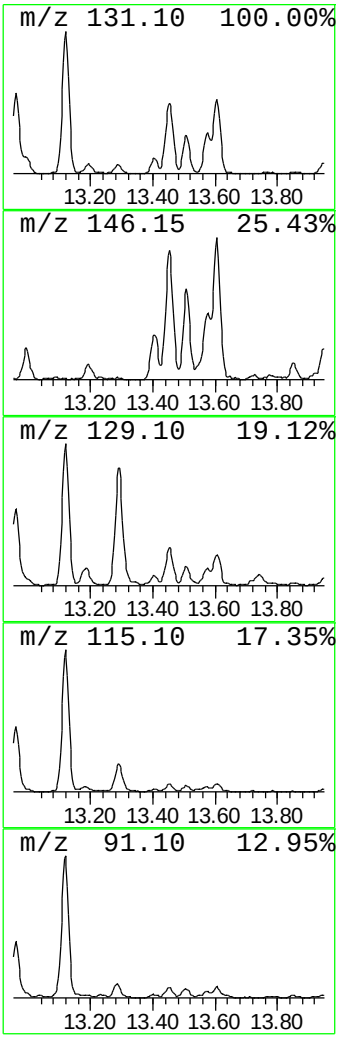
Peak Number 39 Benzene, (3-methyl-2-butenyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	6.66 ug/L	397879	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





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Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

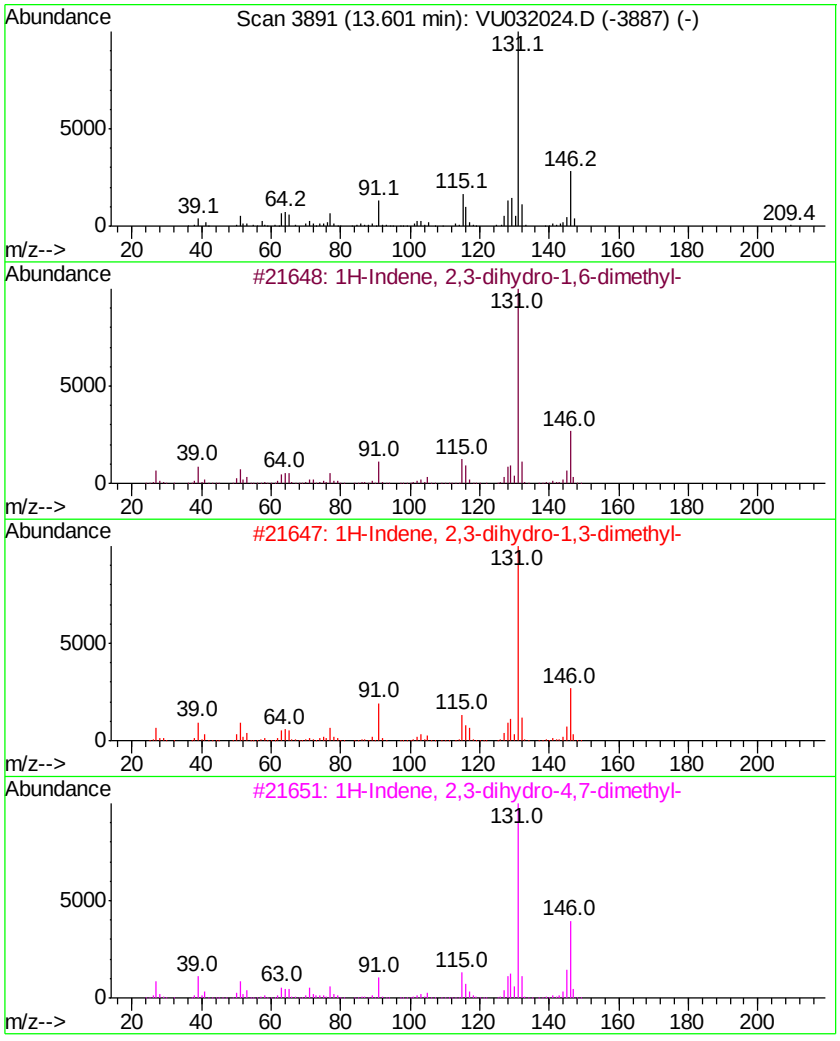
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

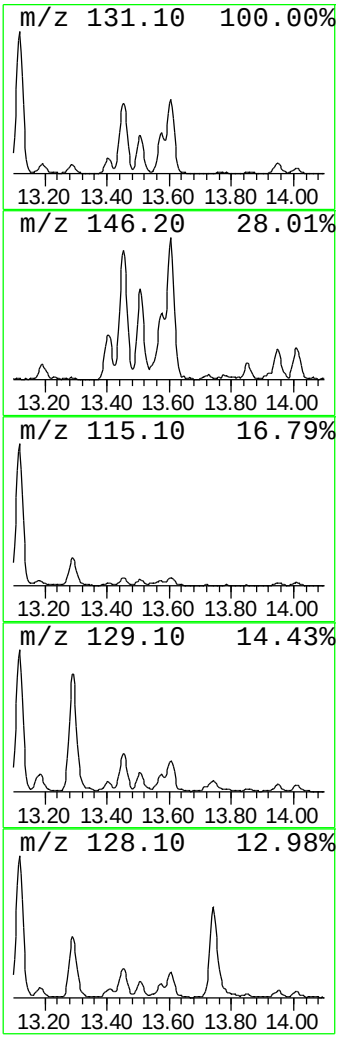
****

Peak Number 41 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	8.56 ug/L	511588	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

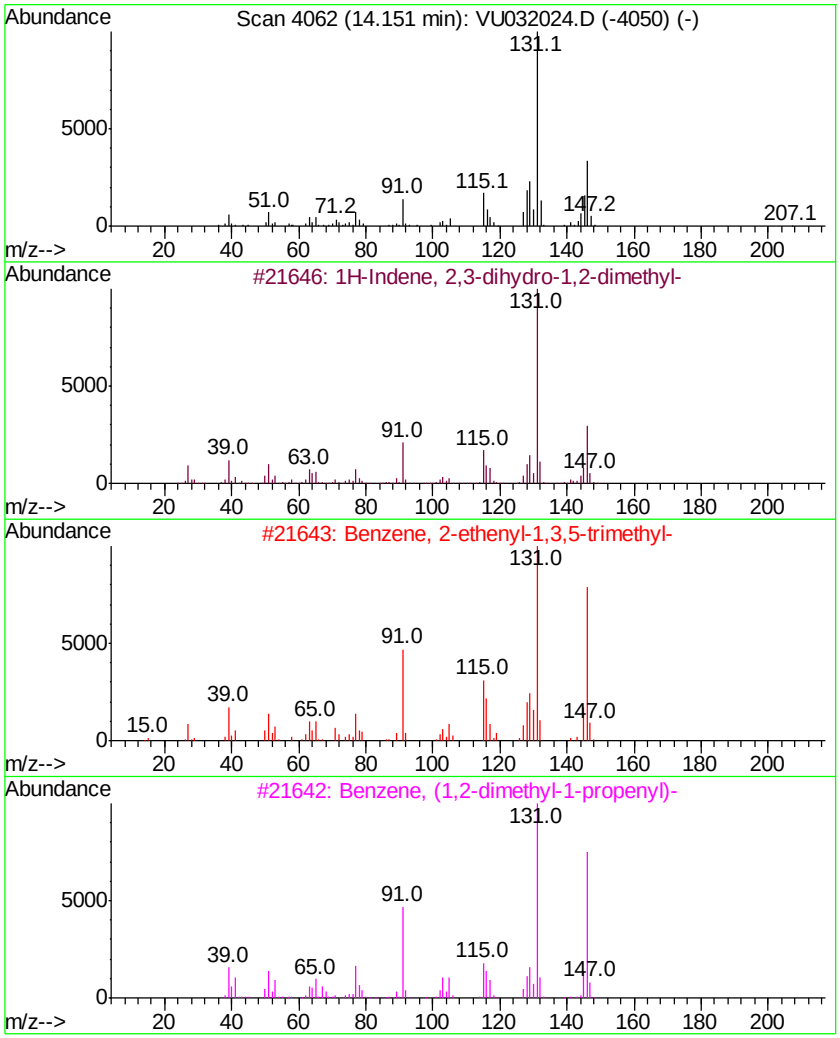
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

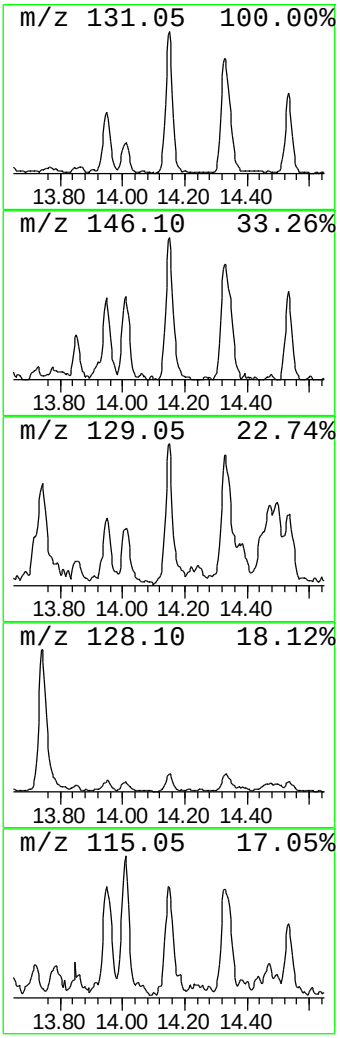
****

Peak Number 43 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.93 ug/L	175190	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032024.D
Acq On : 15 May 2019 12:13
Operator : JC/SP
Sample : K2738-06DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB888DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

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...	2.74	6.7	ug/L	329295	1	5.88	2471250	50.0
(DEL) Alkane: Str...	3.30	7.5	ug/L	369227	1	5.88	2471250	50.0
(DEL) Alkane: Cyc...	4.09	42.7	ug/L	2112480	1	5.88	2471250	50.0
(DEL) Alkane: Str...	5.22	5.3	ug/L	260227	1	5.88	2471250	50.0
(DEL) Alkane: Cyc...	5.48	9.0	ug/L	442785	1	5.88	2471250	50.0
(DEL) Alkane: Cyc...	5.55	6.9	ug/L	339544	1	5.88	2471250	50.0
(DEL) Alkane: Cyc...	5.62	15.3	ug/L	756840	1	5.88	2471250	50.0
3-Penten-2-one, 4...	6.21	2.7	ug/L	131951	1	5.88	2471250	50.0
(DEL) Alkane: Cyc...	6.64	8.6	ug/L	424236	1	5.88	2471250	50.0
Cyclohexene, 4-me...	6.84	12.5	ug/L	617862	1	5.88	2471250	50.0
Cyclobutane, (1-m...	7.06	9.0	ug/L	445923	1	5.88	2471250	50.0
Cyclohexene, 1-me...	7.42	8.2	ug/L	405517	1	5.88	2471250	50.0
(DEL) Alkane: Cyc...	7.71	4.2	ug/L	267560	2	9.09	3221940	50.0
(DEL) Alkane: Cyc...	7.91	5.7	ug/L	370081	2	9.09	3221940	50.0
Cyclopentene, 1,2...	8.09	5.6	ug/L	363141	2	9.09	3221940	50.0
(DEL) Alkane: Cyc...	8.54	6.3	ug/L	403300	2	9.09	3221940	50.0
unknown-01	9.01	3.2	ug/L	206375	2	9.09	3221940	50.0
Pentalene, octahy...	9.18	7.5	ug/L	486467	2	9.09	3221940	50.0
Propylidencyclohe...	9.95	2.7	ug/L	176367	2	9.09	3221940	50.0
Benzene, propyl-	10.58	102.9	ug/L	6147210	3	11.48	2987860	50.0
Benzene, 1-ethyl-...	10.97	8.2	ug/L	492066	3	11.48	2987860	50.0
Benzene, (2-methy...	11.29	3.6	ug/L	213287	3	11.48	2987860	50.0
Benzene, (1-methy...	11.32	4.7	ug/L	278719	3	11.48	2987860	50.0
Benzene, 1,2,3-tr...	11.57	3.7	ug/L	222569	3	11.48	2987860	50.0
Benzene, 4-ethyl-...	11.68	2.7	ug/L	163484	3	11.48	2987860	50.0
Indane	11.76	288.0	ug/L	17210300	3	11.48	2987860	50.0
Benzene, 1,2-diet...	11.98	5.0	ug/L	297696	3	11.48	2987860	50.0
Benzene, 2-ethyl-...	12.14	3.1	ug/L	183929	3	11.48	2987860	50.0
o-Cymene	12.25	42.4	ug/L	2535460	3	11.48	2987860	50.0
(E)-1-Phenyl-1-bu...	12.28	16.6	ug/L	989628	3	11.48	2987860	50.0
Indan, 1-methyl-	12.35	77.5	ug/L	4629670	3	11.48	2987860	50.0
1H-Indene, 2,3-di...	12.53	2.7	ug/L	158862	3	11.48	2987860	50.0
Benzene, 1,2,4,5-...	12.65	23.9	ug/L	1427030	3	11.48	2987860	50.0
Benzene, 1-methyl...	12.78	3.1	ug/L	187339	3	11.48	2987860	50.0
Benzene, 2-etheny...	12.96	39.2	ug/L	2343220	3	11.48	2987860	50.0
1H-Indene, 2,3-di...	13.12	97.0	ug/L	5793800	3	11.48	2987860	50.0
Cycloprop[a]inden...	13.29	11.9	ug/L	708526	3	11.48	2987860	50.0
Benzene, (3-methy...	13.45	6.7	ug/L	397879	3	11.48	2987860	50.0
1H-Indene, 2,3-di...	13.60	8.6	ug/L	511588	3	11.48	2987860	50.0
1H-Indene, 2,3-di...	14.15	2.9	ug/L	175190	3	11.48	2987860	50.0