LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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	1.399	88	96	106	rBV	568554	605406	2.36%	0.495%
2	1.672	173	181	198	rVB	428341	566543	2.21%	0.463%
3	1.942	258	265	275	rVB	54097	72707	0.28%	0.059%
4	2.267	354	366	378	rBV	908618	1406169	5.48%	1.150%
5	2.704	490	502	505	rBV2	46184	77129	0.30%	0.063%
6	2.740	506	513	521	rVV	130794	255331	0.99%	0.209%
7	2.788	522	528	548	rVB4	97362	230010	0.90%	0.188%
8	2.994	575	592	611	rVB2	144386	310413	1.21%	0.254%
9	3.299	672	687	710	rBV3	143483	316528	1.23%	0.259%
10	3.553	752	766	784	rVV2	91403	210283	0.82%	0.172%
11	3.653	784	797	808	rVV3	57999	136383	0.53%	0.112%
12	3.723	809	819	833	rVV2	40413	99002	0.39%	0.081%
13	3.887	857	870	890	rVB5	50900	132450	0.52%	0.108%
14	4.090	911	933	948	rBV	1097365	2917800	11.37%	2.386%
15	4.170	948	958	1009	rVB	393652	1106478	4.31%	0.905%
16	4.643	1090	1105	1122	rBV	661688	1526831	5.95%	1.248%
17	4.775	1141	1146	1164	rVB3	41919	86809	0.34%	0.071%
18	4.990	1195	1213	1229	rBV2	1569703	3785202	14.75%	3.095%
19	5.219	1269	1284	1288	rBV	106855	217947	0.85%	0.178%
20	5.334	1301	1320	1340	rVB2	1377769	3918340	15.26%	3.204%
21	5.476	1353	1364	1372	rBV3	188126	417540	1.63%	0.341%
22	5.617	1397	1408	1436	rVB3	291033	699469	2.72%	0.572%
23	5.778	1446	1458	1476	rVB4	50636	114032	0.44%	0.093%
24	5.881	1476	1490	1502	rBV	1257731	2489000	9.70%	2.035%
25	6.212	1574	1593	1612	rVB6	98891	265555	1.03%	0.217%
26	6.325	1615	1628	1639	rBV	925891	1834494	7.15%	1.500%
27	6.408	1640	1654	1682	rVB	2226743	4872286	18.98%	3.984%
28	6.637	1714	1725	1741	rVB	216312	414828	1.62%	0.339%
29	6.733	1747	1755	1767	rVB4	34688	72085	0.28%	0.059%
30	6.839	1767	1788	1800	rBV6	281227	902353	3.52%	0.738%
31	6.900	1802	1807	1831	rVB9	50562	121328	0.47%	0.099%
32	7.064	1843	1858	1886	rBV	360906	721462	2.81%	0.590%
33	7.225	1897	1908	1926	rBV	504434	956426	3.73%	0.782%
34	7.366	1938	1952	1959	rBV4	40080	82771	0.32%	0.068%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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	7.424	1959	1970	1989	rVB	398561	763375	2.97%	0.624%
36	7.559	1989	2012	2035	rBV	1900323	3973734	15.48%	3.249%
37	7.707	2048	2058	2074	rBV6	128670	326324	1.27%	0.267%
38	7.845	2090	2101	2113	rBV2	392251	676986	2.64%	0.553%
39	7.913	2113	2122	2142	rVB2	187087	363224	1.41%	0.297%
40	8.042	2145	2162	2170	rBV	138719	264589	1.03%	0.216%
41	8.090	2170	2177	2211	rVB	183834	383544	1.49%	0.314%
42	8.305	2226	2244	2260	rBV	1090824	2049480	7.98%	1.676%
43	8.485	2288	2300	2308	rVB7	80658	151868	0.59%	0.124%
44	8.540	2309	2317	2332	rBV2	213032	393701	1.53%	0.322%
45	8.759	2373	2385	2396	rBV4	63951	113524	0.44%	0.093%
46	8.871	2405	2420	2429	rBV4	43603	102706	0.40%	0.084%
47	9.009	2453	2463	2475	rBV5	62040	146808	0.57%	0.120%
48	9.087	2475	2487	2505	rVV	1785631	3193053	12.44%	2.611%
49	9.180	2507	2516	2528	rVV3	212967	479547	1.87%	0.392%
50	9.247	2529	2537	2560	rVB	205217	441016	1.72%	0.361%
51	9.370	2561	2575	2595	rVV	385186	753205	2.93%	0.616%
52	9.492	2605	2613	2624	rVB4	64122	114299	0.45%	0.093%
53	9.566	2627	2636	2654	rVB4	42470	88676	0.35%	0.073%
54	9.717	2666	2683	2685	rBV5	45089	78447	0.31%	0.064%
55	9.948	2734	2755	2766	rBV6	72415	167051	0.65%	0.137%
56	10.045	2777	2785	2802	rVB6	42273	112382	0.44%	0.092%
57	10.160	2810	2821	2845	rVB	2043811	3302887	12.87%	2.700%
58	10.427	2893	2904	2918	rVB	1294868	2065214	8.04%	1.689%
59	10.582	2936	2952	2976	rBV	4636812	7170341	27.93%	5.862%
60	10.704	2978	2990	2997	rVV6	42046	84681	0.33%	0.069%
61	10.771	3005	3011	3021	rVB2	48237	78150	0.30%	0.064%
62	10.968	3062	3072	3094	rVB	360989	610935	2.38%	0.499%
63	11.093	3094	3111	3119	rBV5	33909	91404	0.36%	0.075%
64	11.144	3120	3127	3140	rVV	39929	65444	0.25%	0.054%
65	11.286	3160	3171	3176	rBV	165760	259805	1.01%	0.212%
66	11.318	3176	3181	3196	rVB	193571	312389	1.22%	0.255%
67	11.479	3220	3231	3249	rVV	1928907	3022186	11.77%	2.471%
68	11.566	3250	3258	3268	rVB	163491	247639	0.96%	0.202%
69	11.681	3285	3294	3305	rVB	78317	124794	0.49%	0.102%
70	11.762	3305	3319	3337	rBV	16119573	25670819	100.00%	20.988%
71	11.855	3337	3348	3370	rVB2	2144244	3870966	15.08%	3.165%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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	11.977	3377	3386	3399	rVB	198811	309126	1.20%	0.253%
73	12.051	3401	3409	3418	rVB	54827	84340	0.33%	0.069%
74	12.141	3430	3437	3453	rVB3	55156	87939	0.34%	0.072%
75	12.247	3456	3470	3476	rBV	1997373	3035377	11.82%	2.482%
76	12.279	3476	3480	3491	rVV	793244	1125144	4.38%	0.920%
77	12.350	3491	3502	3524	rVV	2860774	4847703	18.88%	3.963%
78	12.533	3551	3559	3573	rVB2	88867	153134	0.60%	0.125%
79	12.646	3574	3594	3606	rBV	1199334	1867629	7.28%	1.527%
80	12.707	3606	3613	3626	rVB7	33721	71112	0.28%	0.058%
81	12.784	3627	3637	3652	rBV4	111623	192620	0.75%	0.157%
82	12.919	3672	3679	3682	rVV2	77943	113678	0.44%	0.093%
83	12.958	3682	3691	3711	rVB	1861603	2923489	11.39%	2.390%
84	13.119	3724	3741	3757	rBV2	4107785	6594957	25.69%	5.392%
85	13.234	3771	3777	3783	rVV	40767	56930	0.22%	0.047%
86	13.286	3784	3793	3813	rVB3	340086	604090	2.35%	0.494%
87	13.402	3820	3829	3836	rBV3	91904	153624	0.60%	0.126%
88	13.453	3836	3845	3853	rVV	266924	441894	1.72%	0.361%
89	13.504	3853	3861	3870	rVV2	244577	355898	1.39%	0.291%
90	13.575	3875	3883	3886	rVV3	132373	210595	0.82%	0.172%
91	13.604	3886	3892	3915	rVB3	309367	597177	2.33%	0.488%
92	13.739	3916	3934	3944	rBV	335841	596277	2.32%	0.488%
93	13.951	3991	4000	4010	rBV5	69458	126950	0.49%	0.104%
94	14.009	4010	4018	4029	rVB	76796	121993	0.48%	0.100%
95	14.147	4049	4061	4077	rBV2	120936	205950	0.80%	0.168%
96	14.331	4107	4118	4132	rBV4	103384	241497	0.94%	0.197%
97	14.472	4153	4162	4172	rVV3	39271	73349	0.29%	0.060%
98	14.533	4173	4181	4194	rVB3	80774	137963	0.54%	0.113%
99	14.874	4275	4287	4315	rVV	986335	1783920	6.95%	1.459%
100	15.057	4332	4344	4378	rVB	638440	1139530	4.44%	0.932%

Sum of corrected areas: 122310468

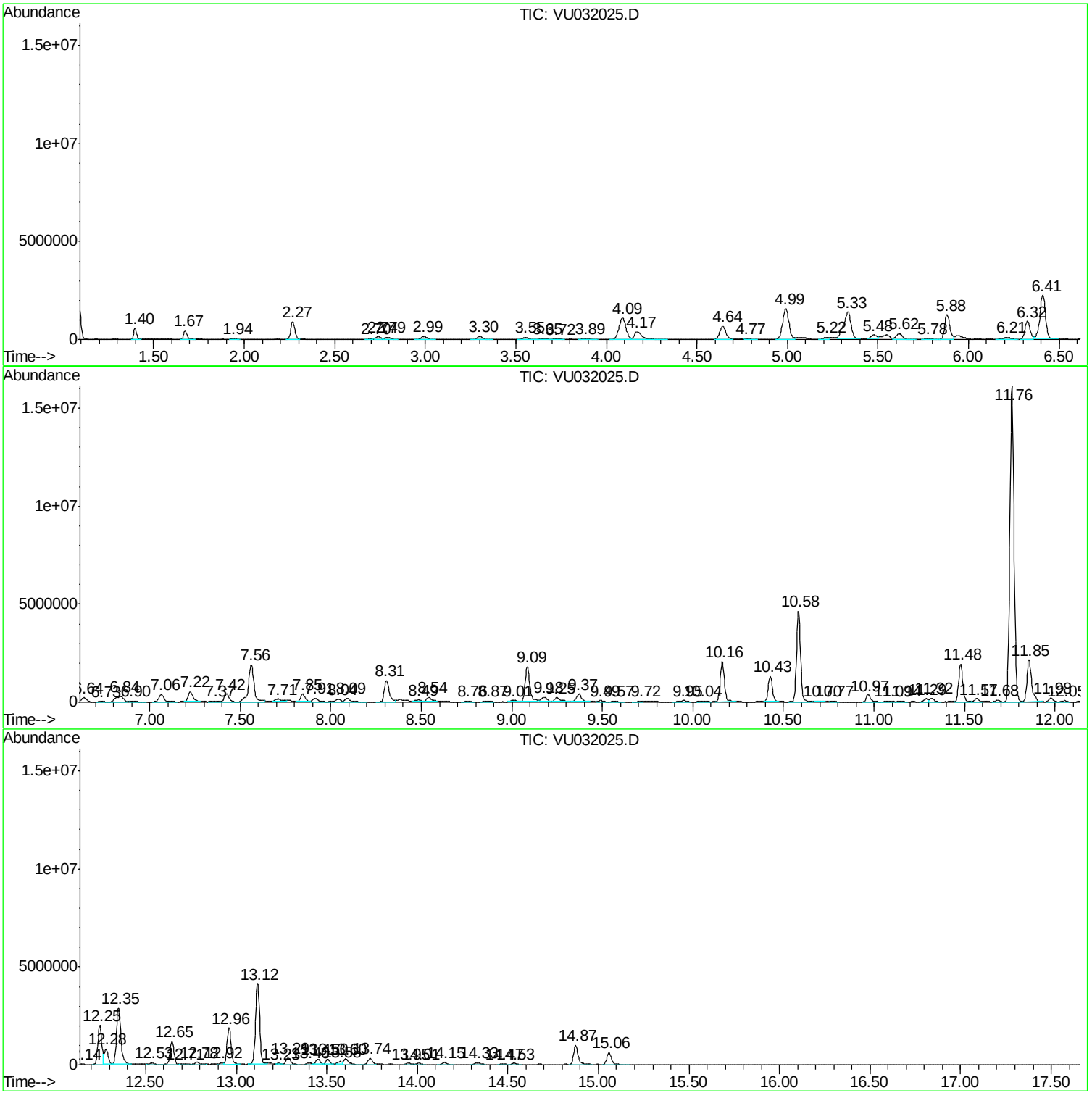
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

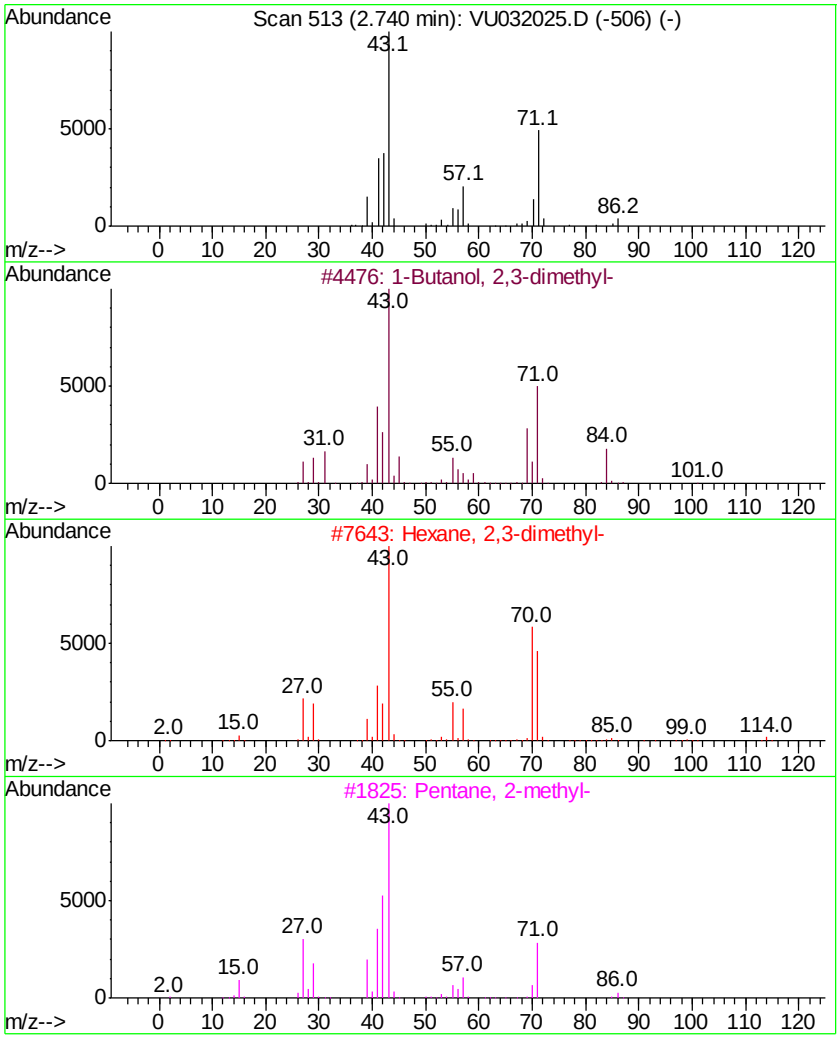
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

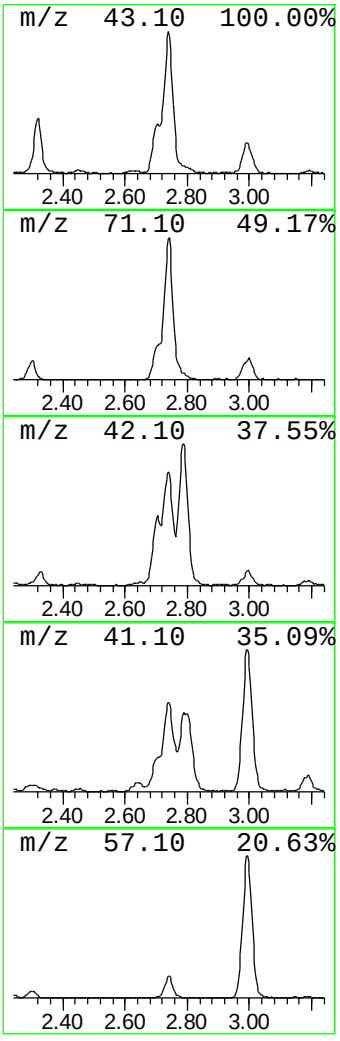
****

Peak Number 1 1-Butanol, 2,3-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	5.13 ug/L	255331	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	78
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

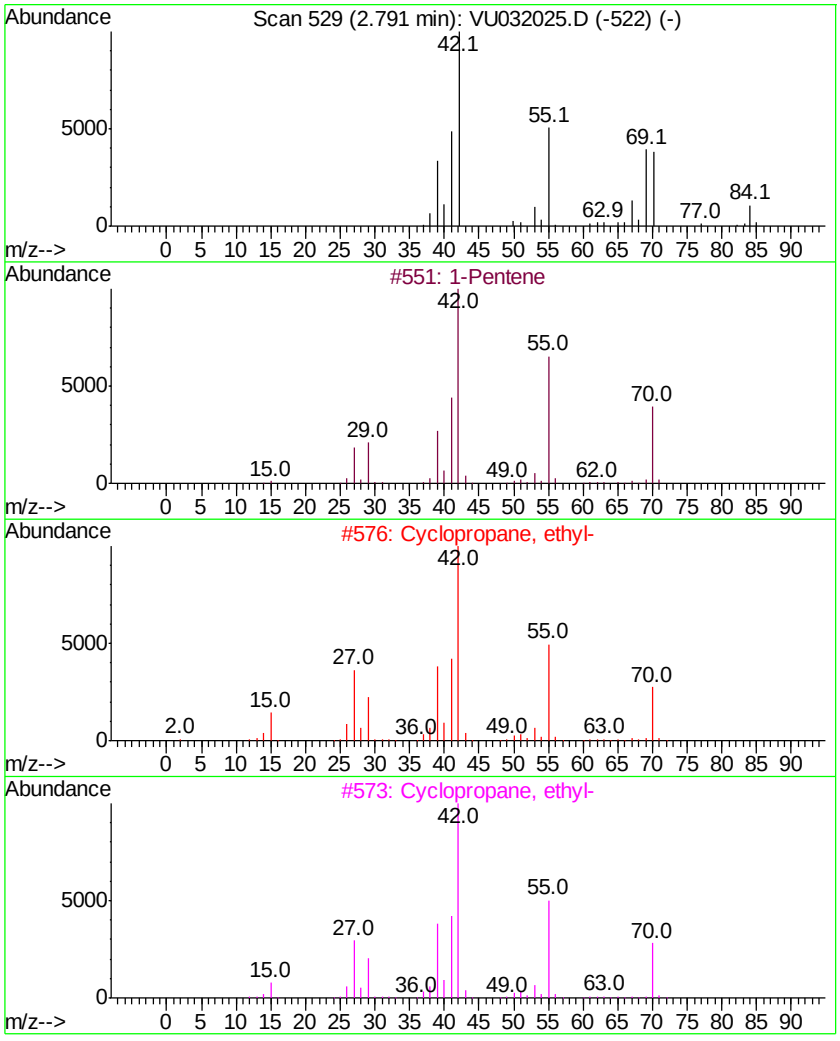
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

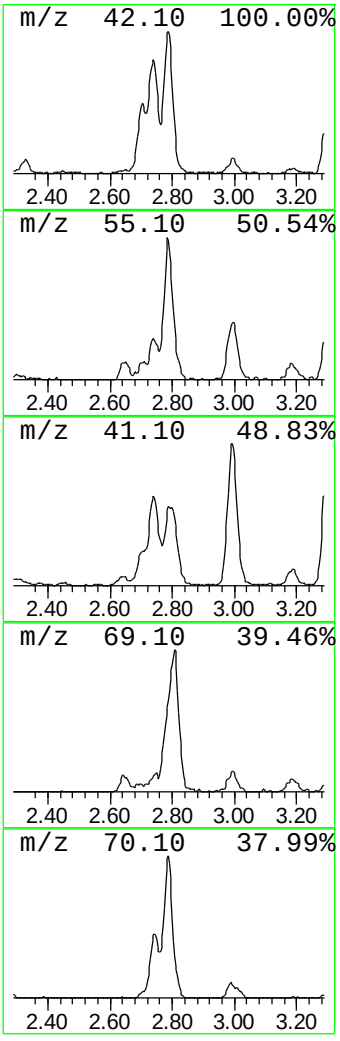
****

Peak Number 2 (DEL) Alkane: Cyclic2.79 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	4.62 ug/L	230010	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
4	1-Pentene	70	C5H10	000109-67-1	56
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

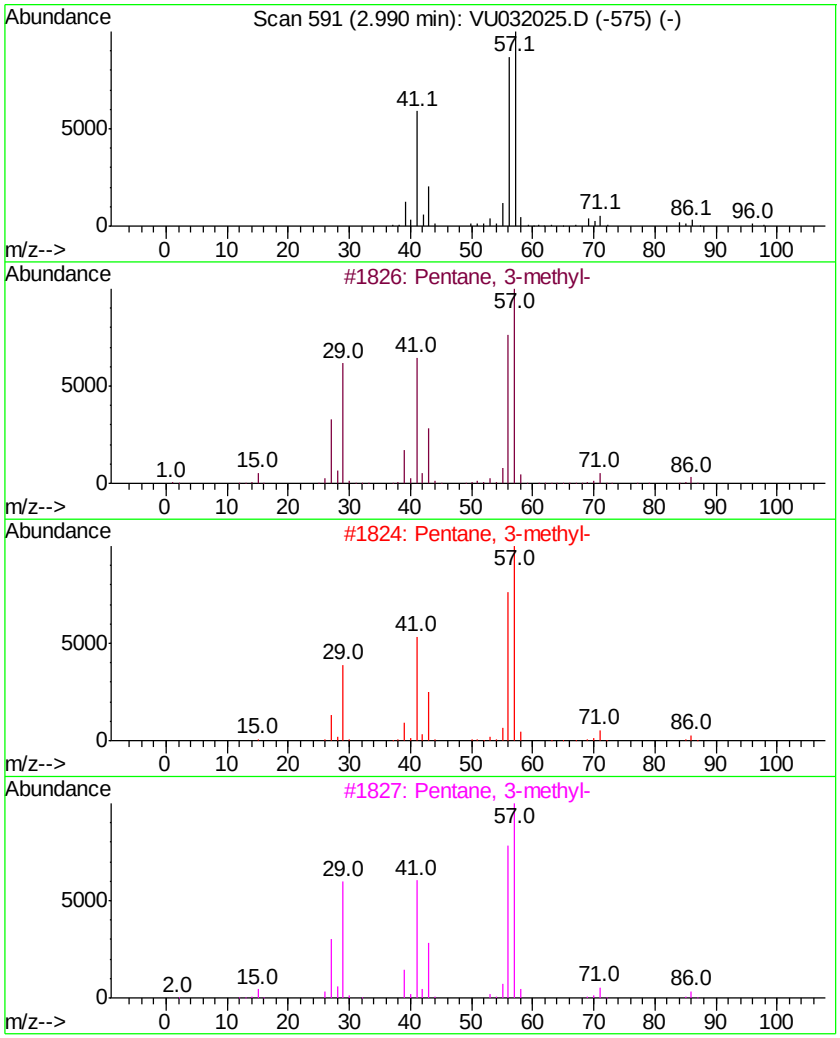
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

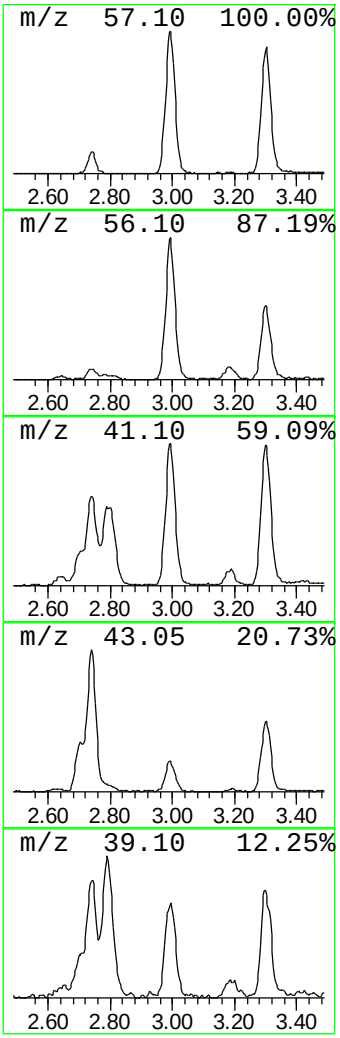
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	6.24 ug/L	310413	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	83
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

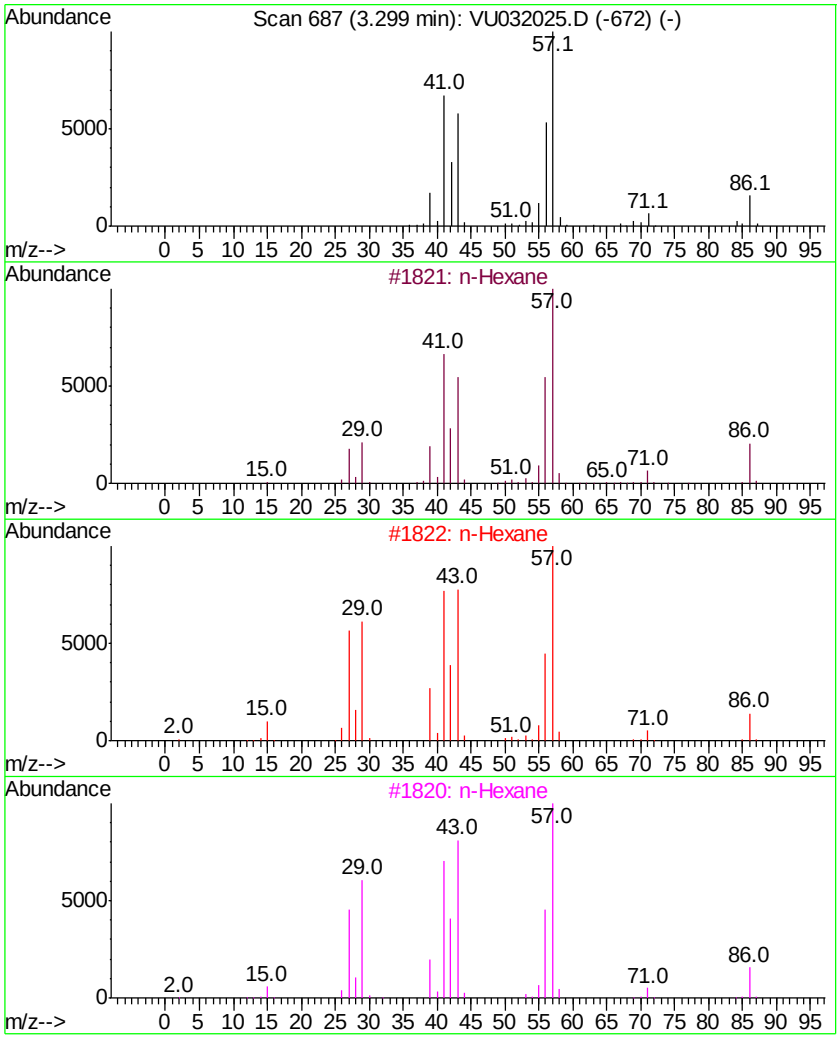
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

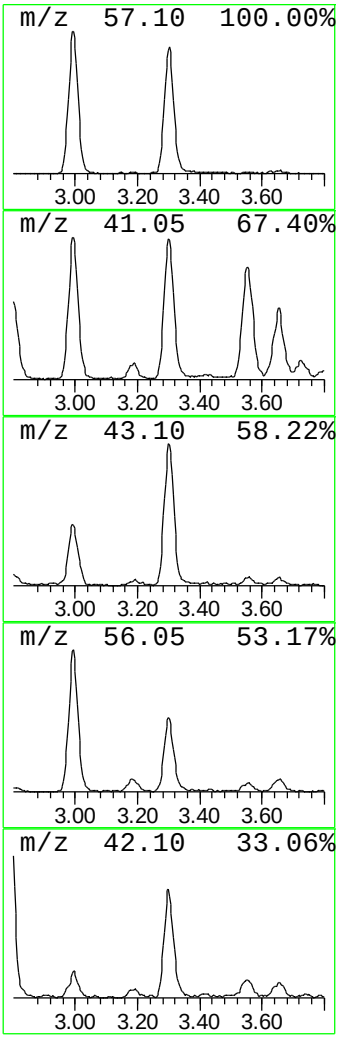
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	6.36 ug/L	316528	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

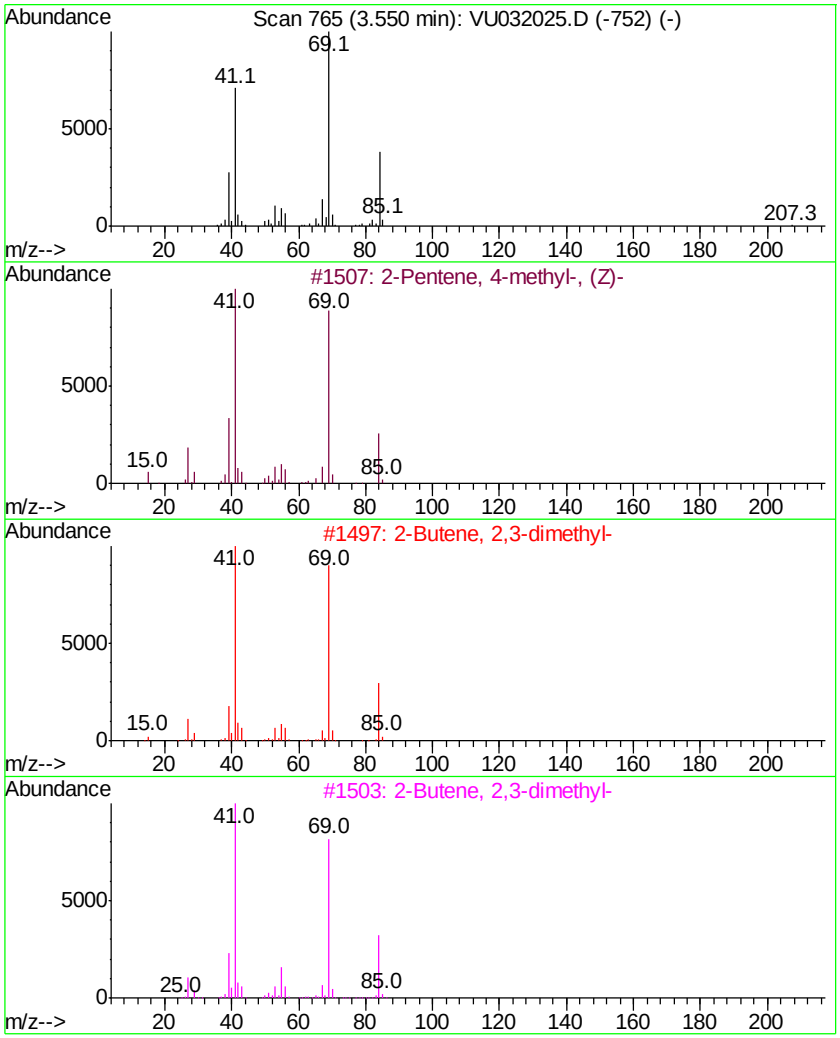
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

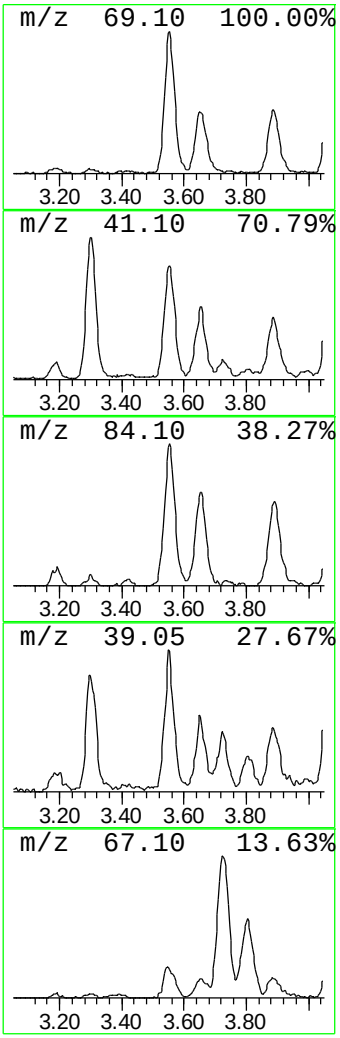
****

Peak Number 5 (DEL) Alkane: Cyclic3.55 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	4.22 ug/L	210283	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	91
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

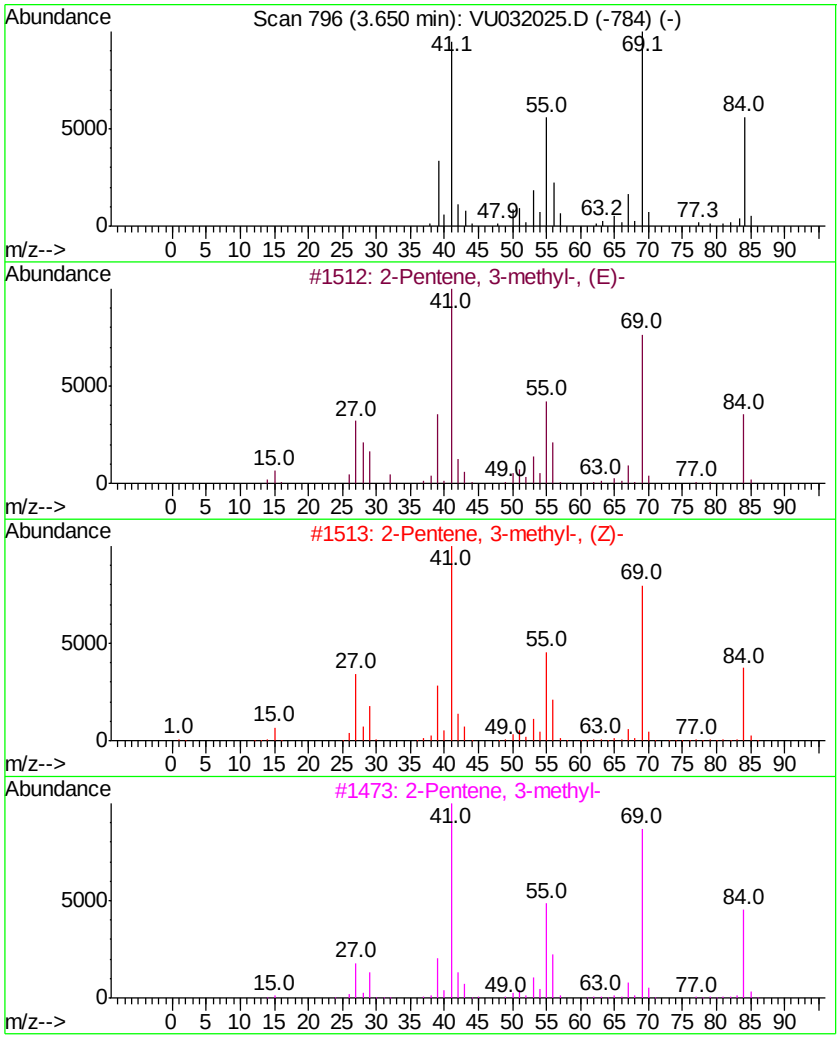
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

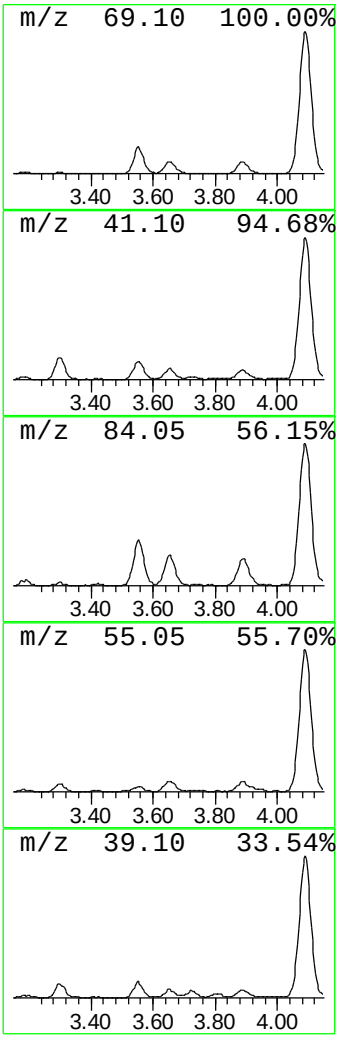
****

Peak Number 6 (DEL) Alkane: Cyclic3.65 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	2.74 ug/L	136383	1,4-Difluorobenzene	5.88

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

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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

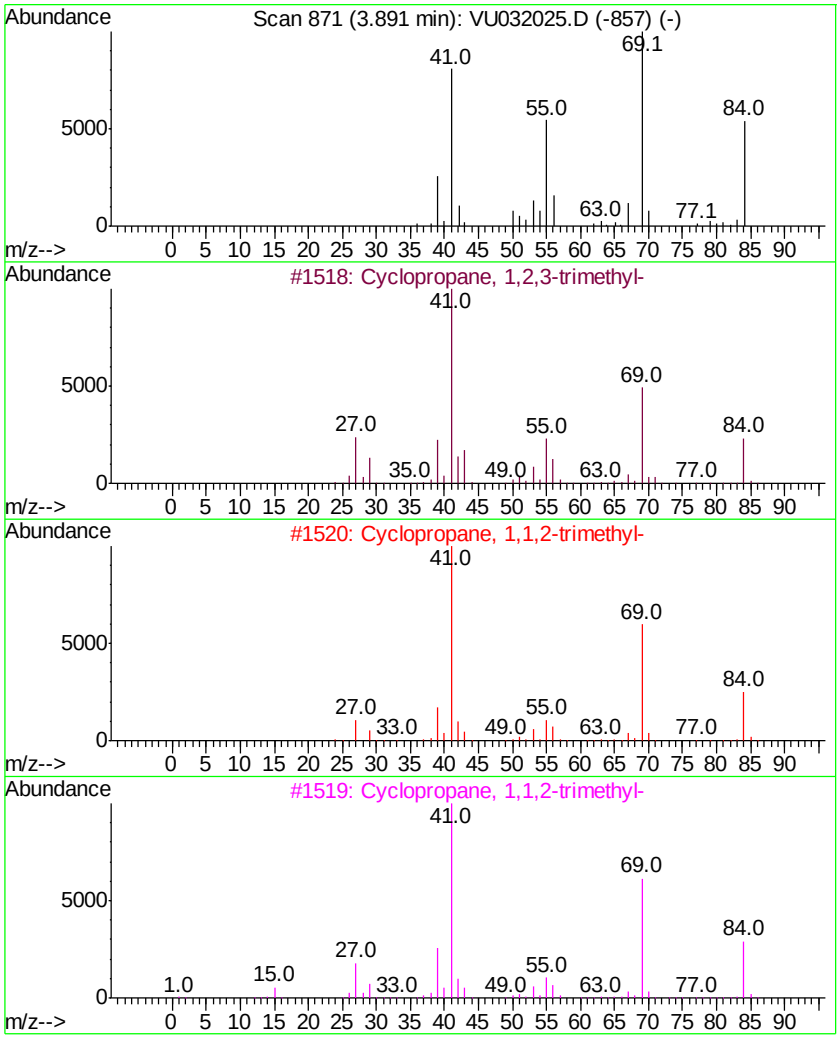
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

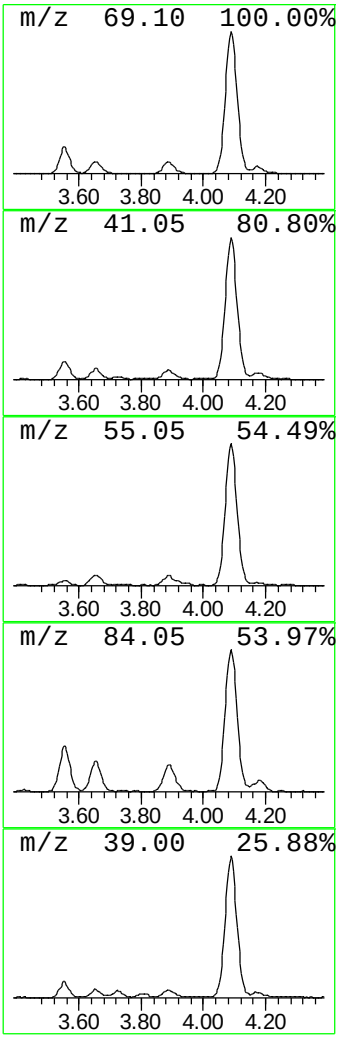
****

Peak Number 7 (DEL) Alkane: Cyclic3.89 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	2.66 ug/L	132450	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	91
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	90
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	87
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	86





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Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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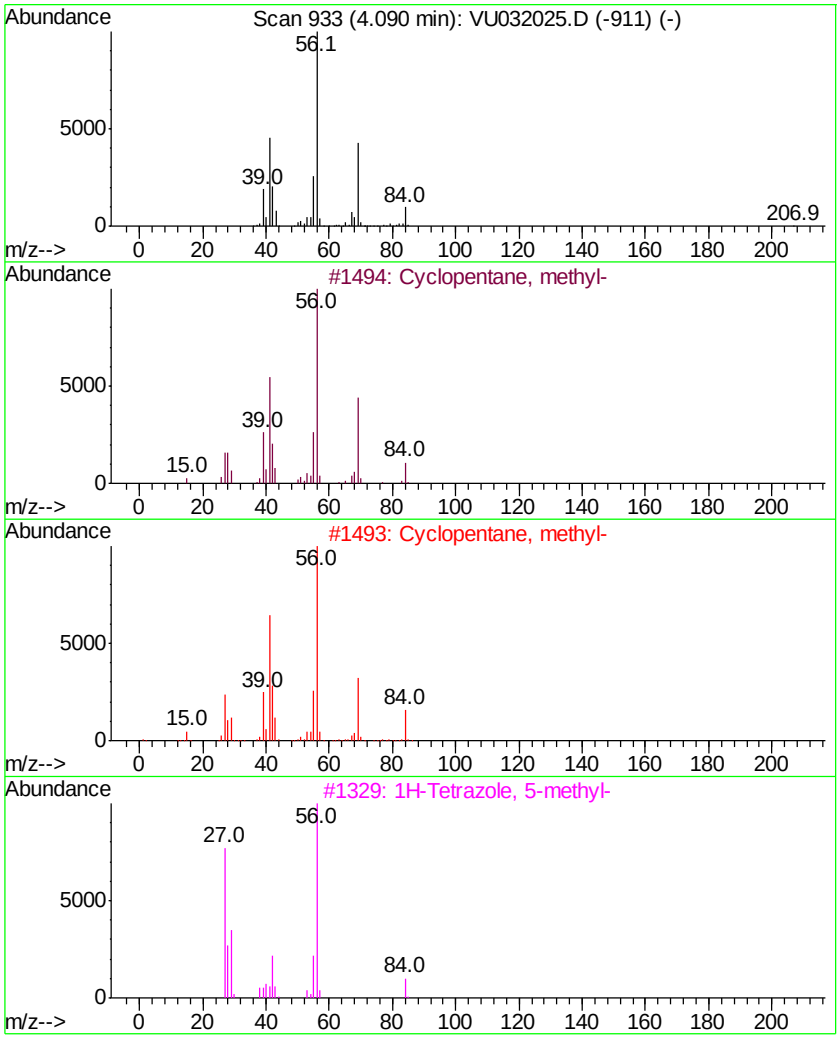
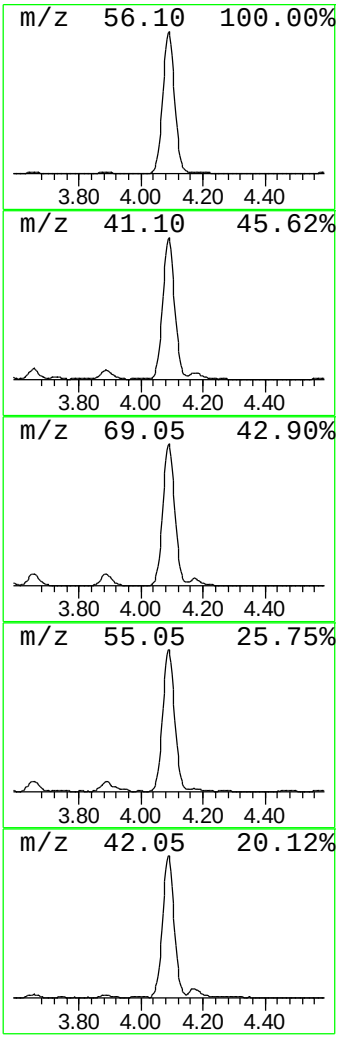
Peak Number 8 (DEL) Alkane: Cyclic4.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	58.61 ug/L	2917800	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	90
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	78





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

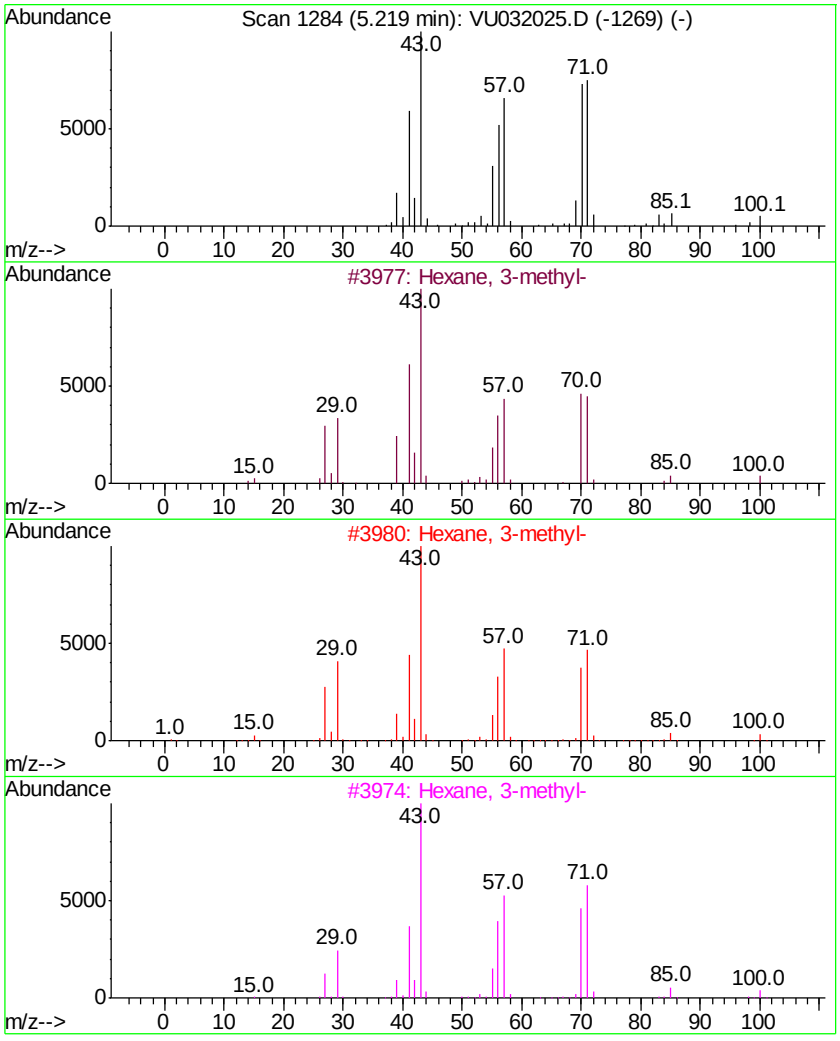
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

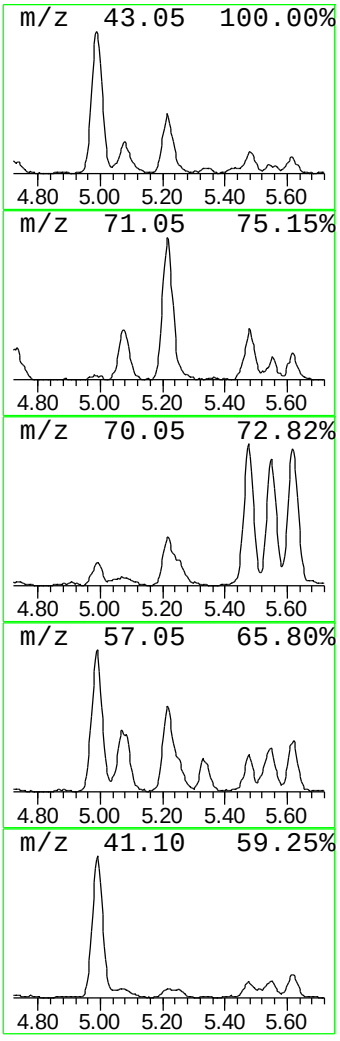
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.38 ug/L	217947	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	96
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59





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Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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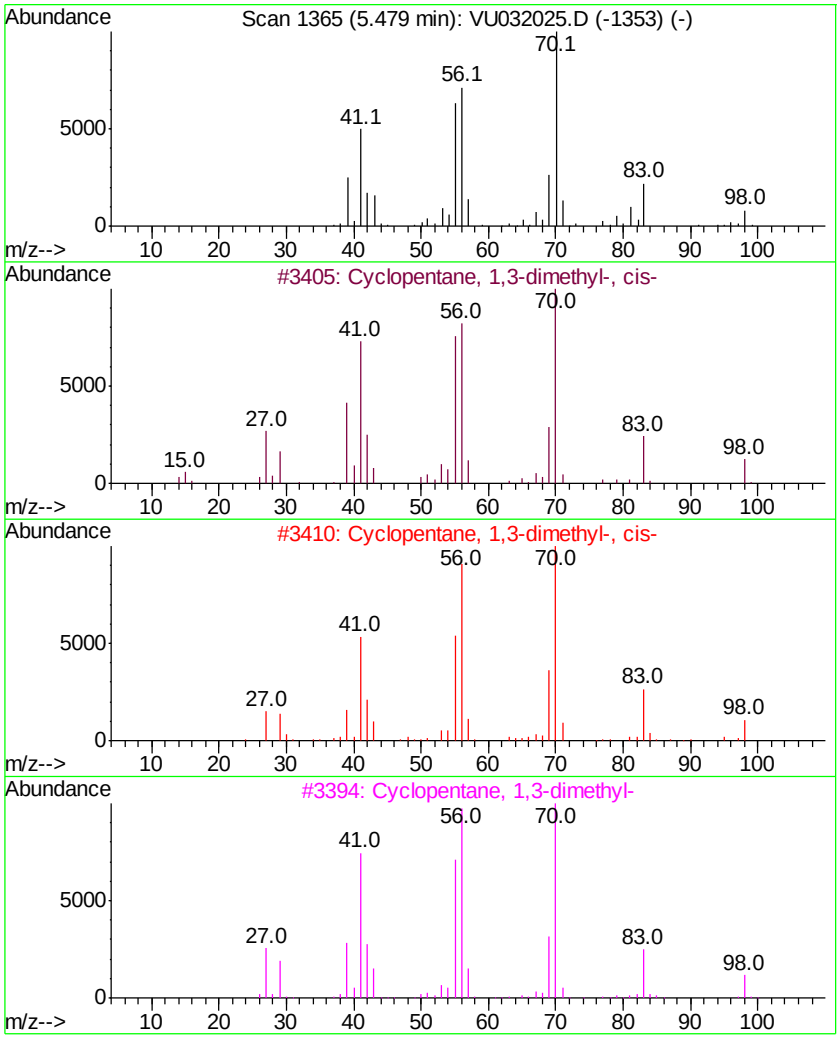
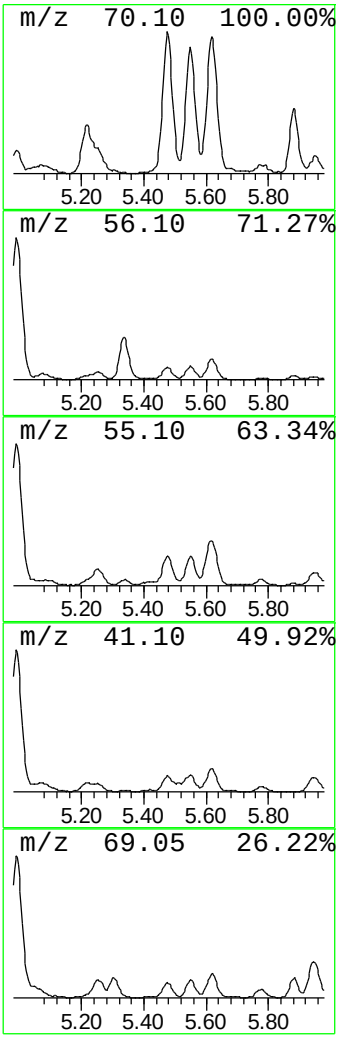
Peak Number 10 (DEL) Alkane: Cyclic5.48 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	8.39 ug/L	417540	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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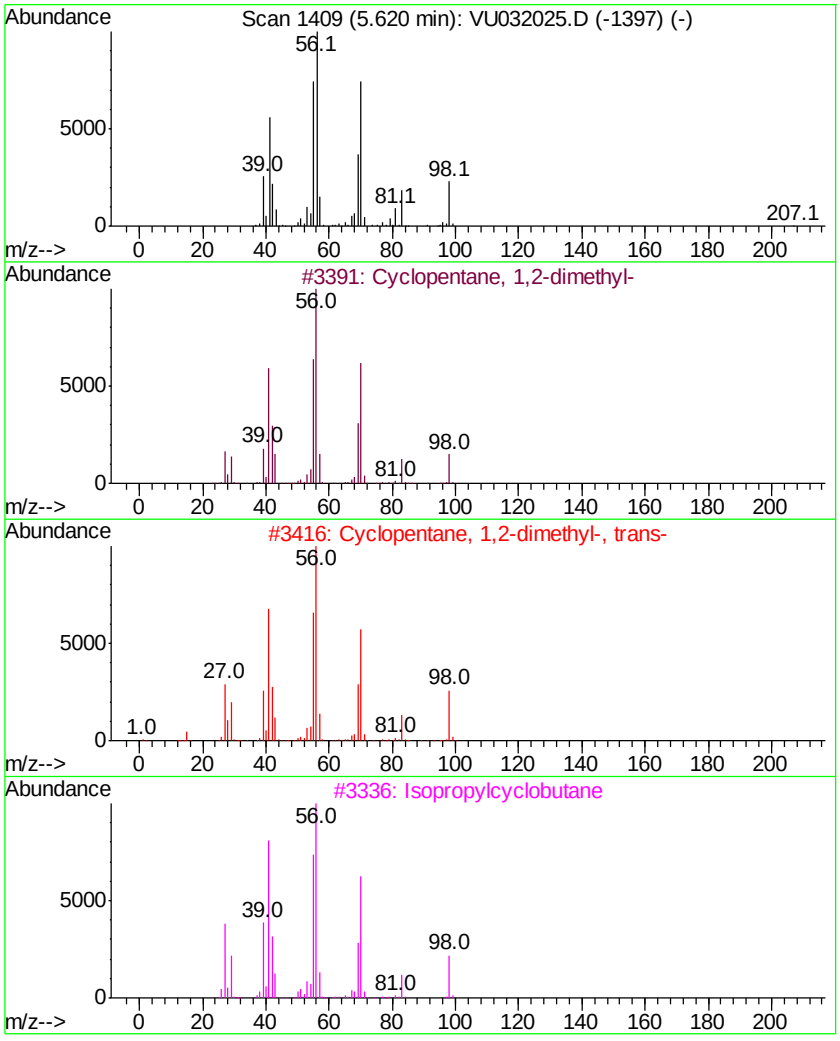
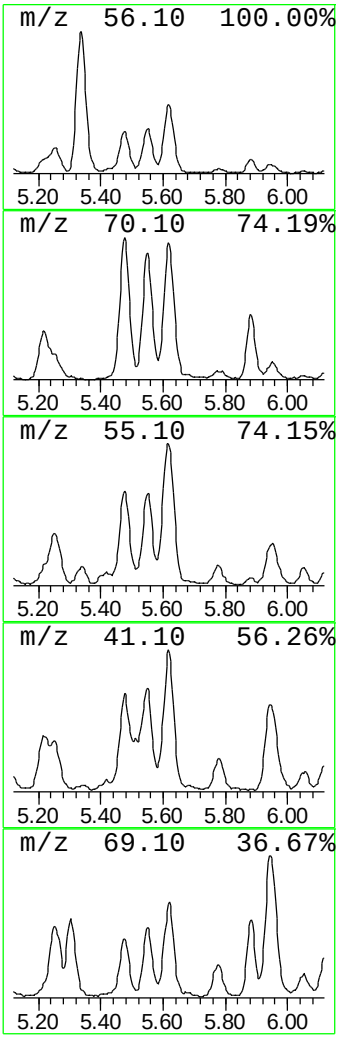
Peak Number 11 (DEL) Alkane: Cyclic5.62 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	14.05 ug/L	699469	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Isopropylcyclobutane	98	C7H14	000872-56-0	87
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	86
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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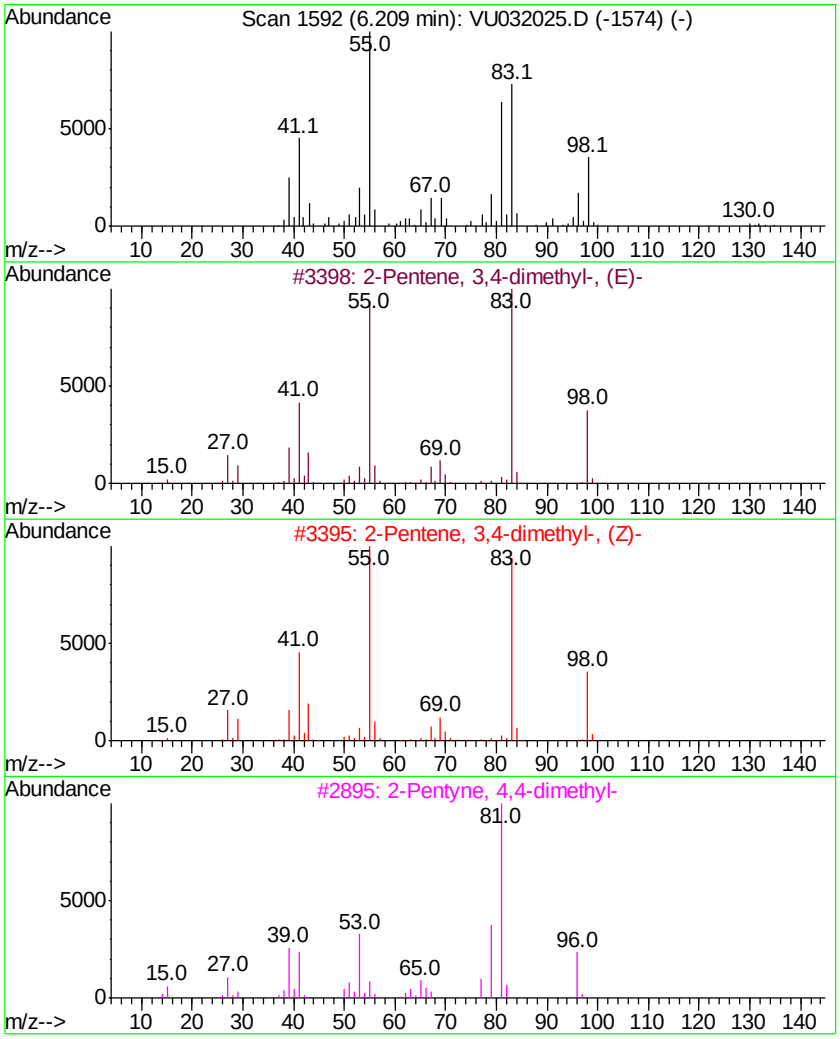
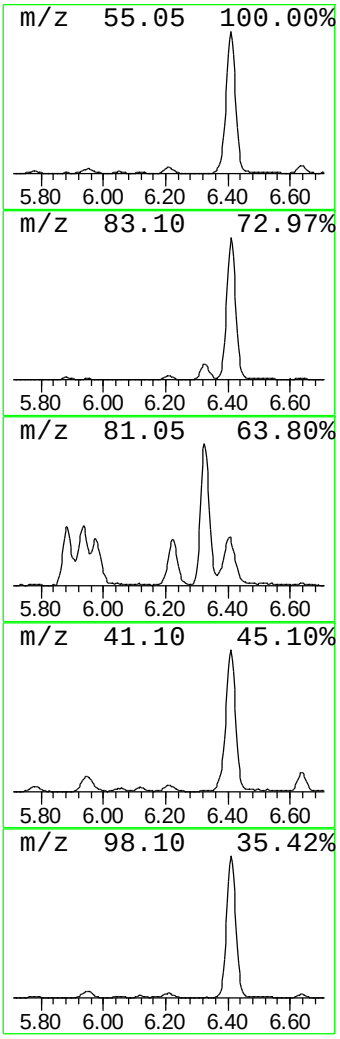
Peak Number 12 (DEL) Alkane: Cyclic6.21 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	5.33 ug/L	265555	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	46
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	46
3	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	43
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	43
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	41





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Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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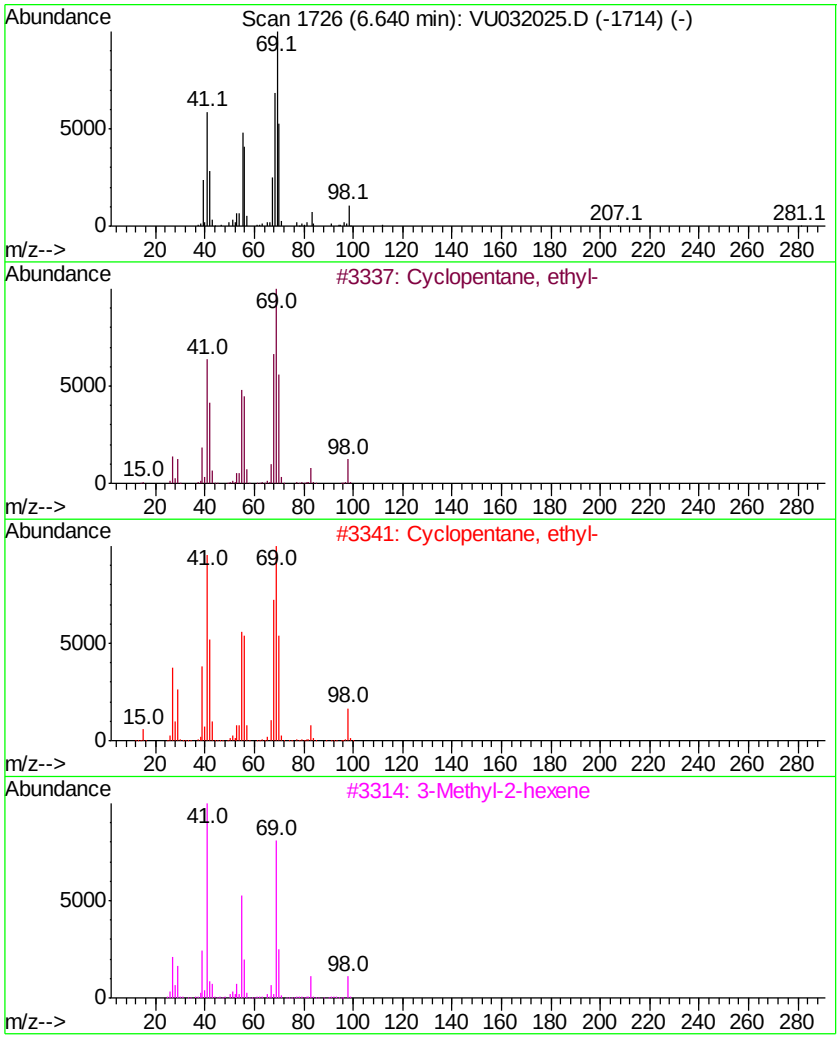
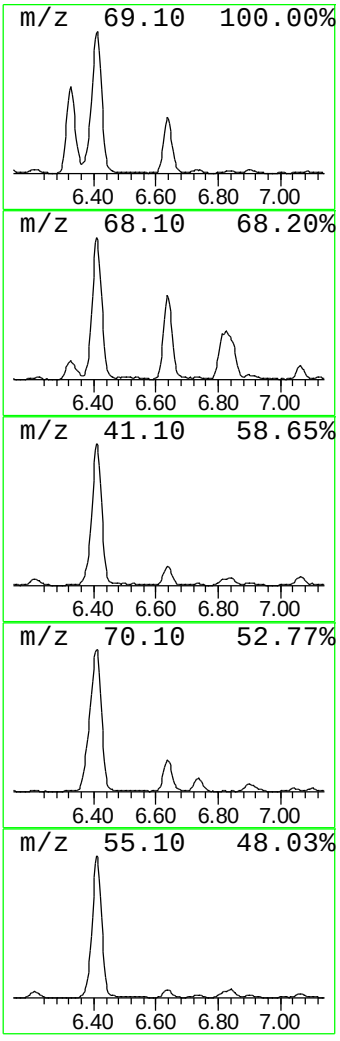
Peak Number 13 (DEL) Alkane: Cyclic6.64 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	8.33 ug/L	414828	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	94
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
3	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
4	2,3-Bis-methylamino-succinonitrile	138	C6H10N4	1000190-46-8	43
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	38





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Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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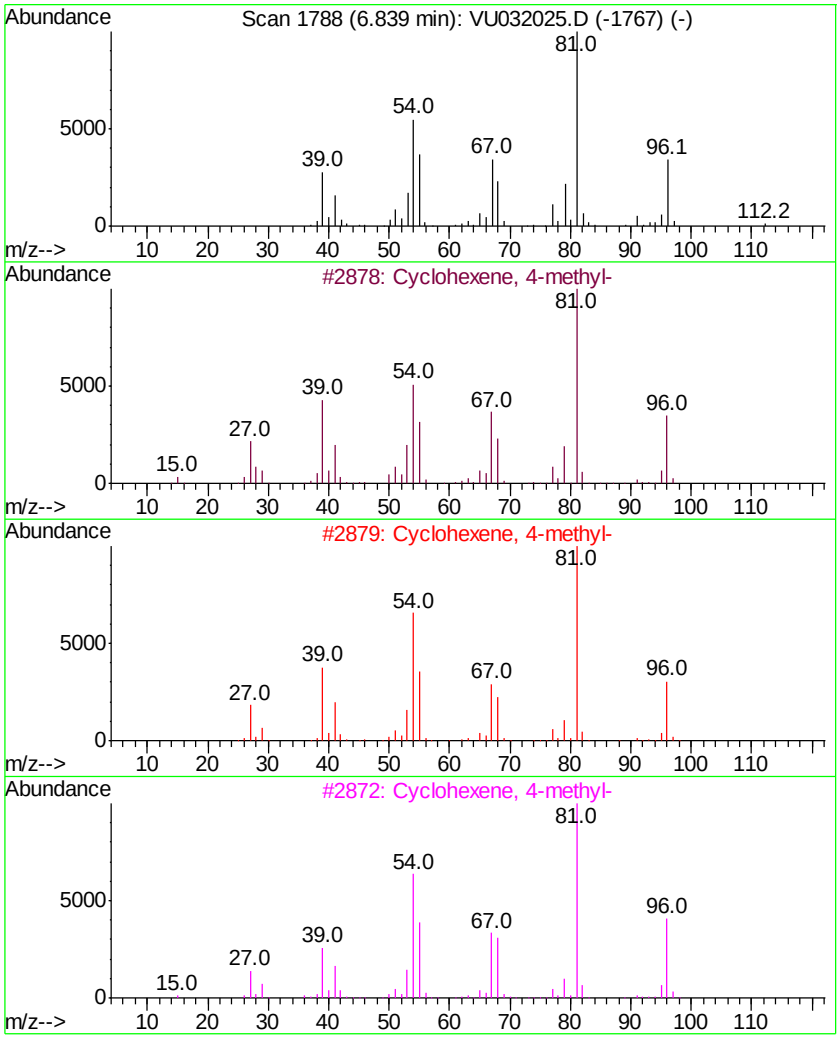
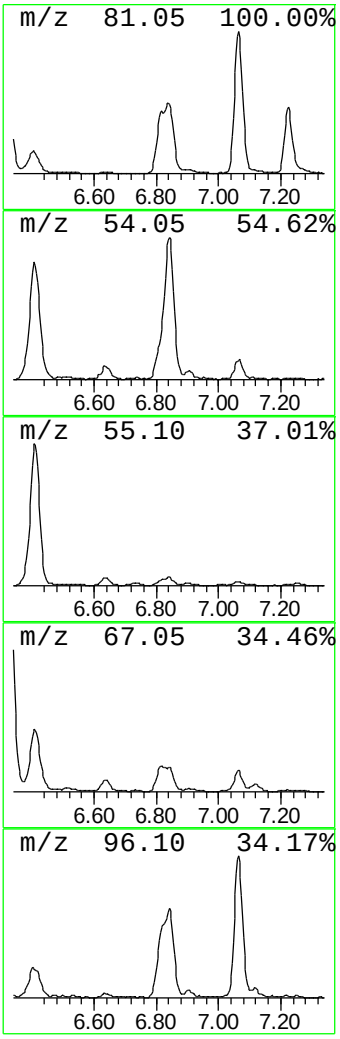
Peak Number 14 Cyclohexene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	18.13 ug/L	902353	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	94
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	70
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	58





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Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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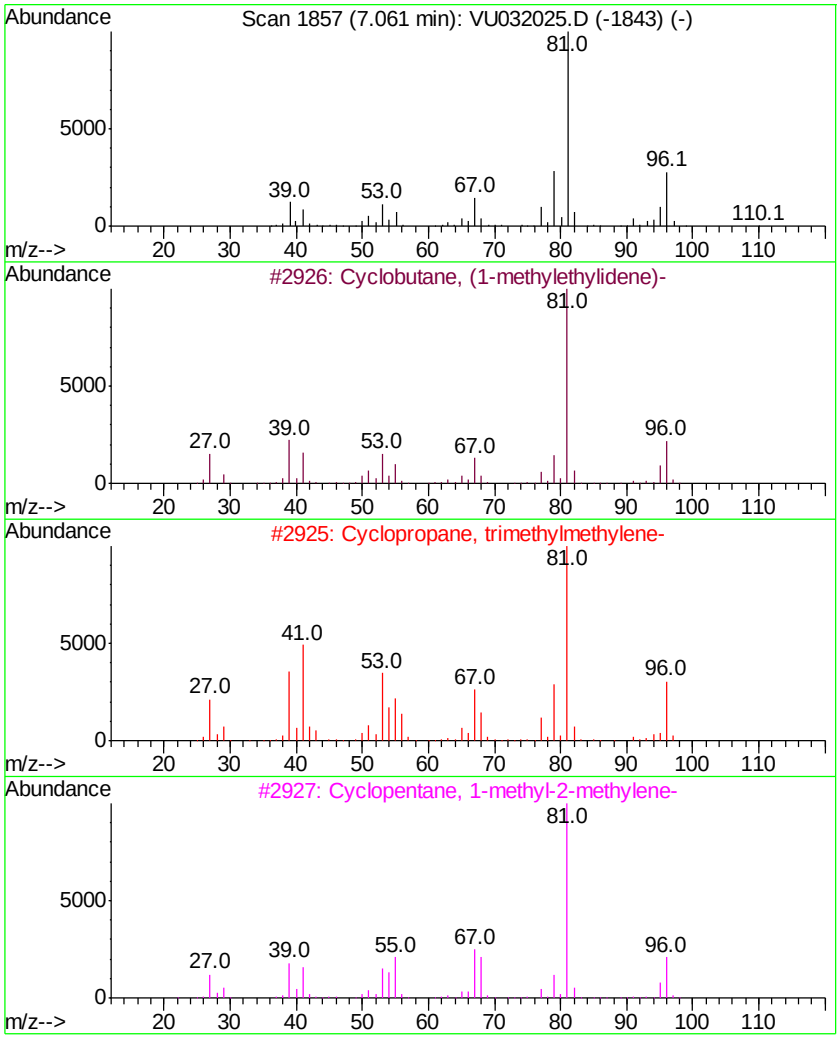
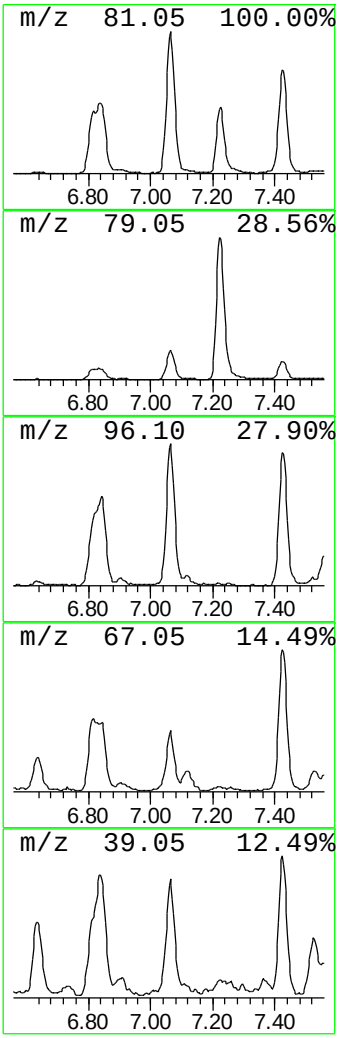
Peak Number 15 Cyclobutane, (1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	14.49 ug/L	721462	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	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	83
3	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	72
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	72





Library Search Compound Report

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Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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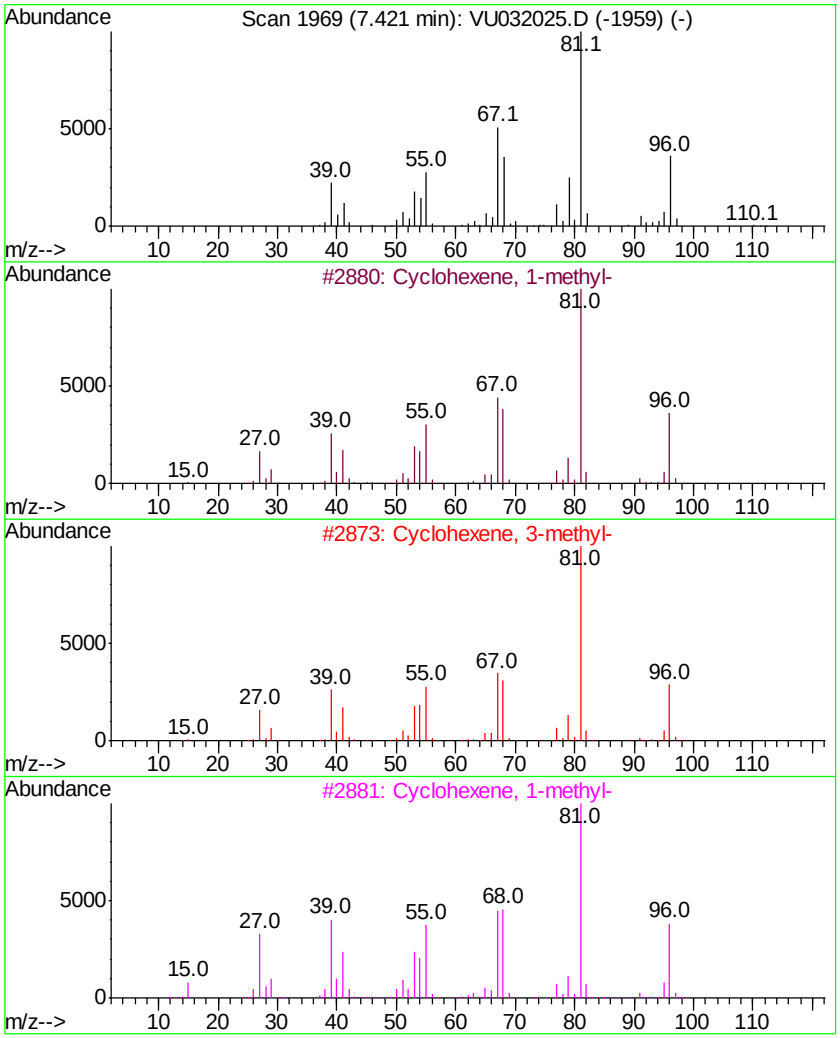
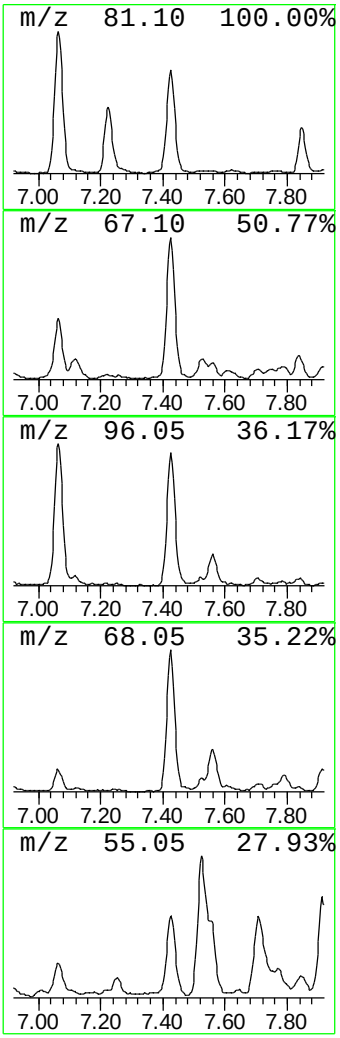
Peak Number 17 Cyclohexene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	15.34 ug/L	763375	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	91
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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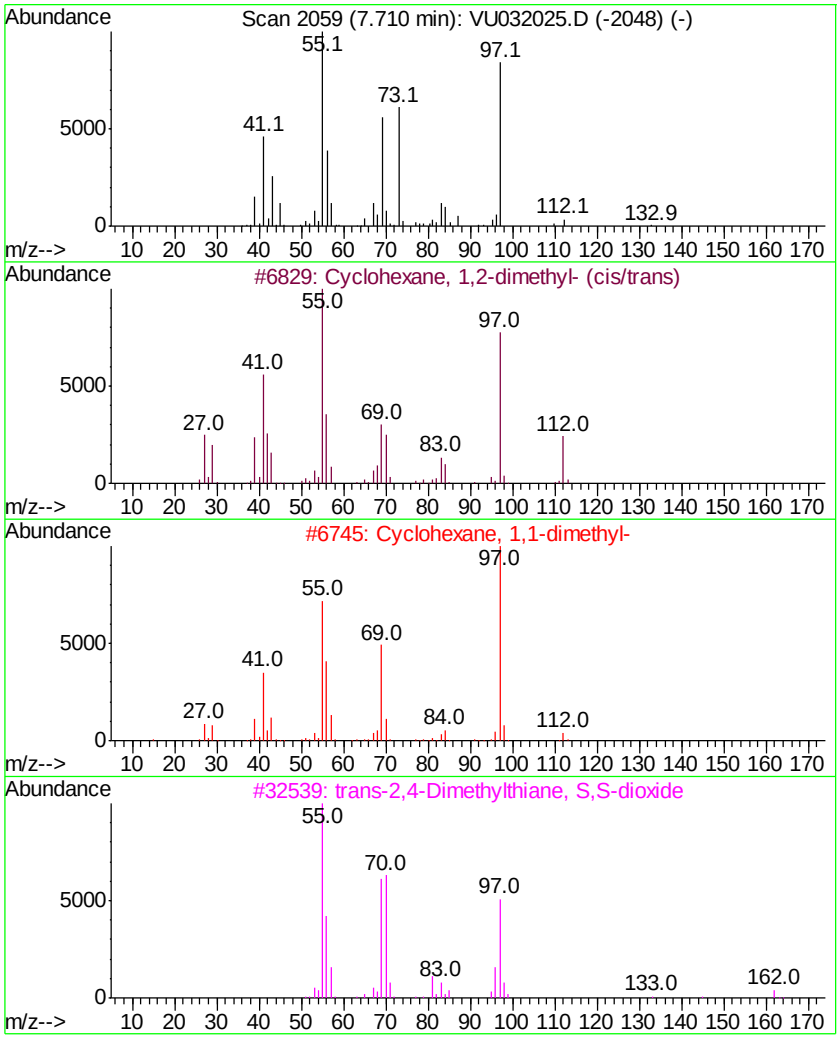
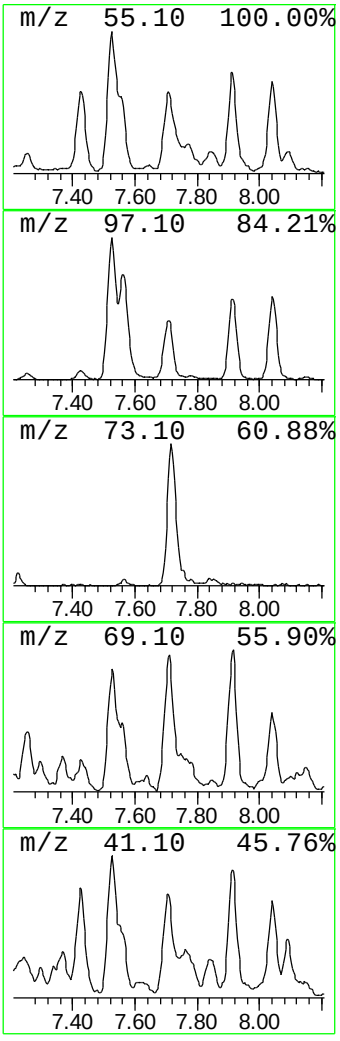
Peak Number 18 (DEL) Alkane: Cyclic7.71 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	5.11 ug/L	326324	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
3	trans-2,4-Dimethylthiane, S,S-di...	162	C7H14O2S	1000215-67-6	64
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59





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Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

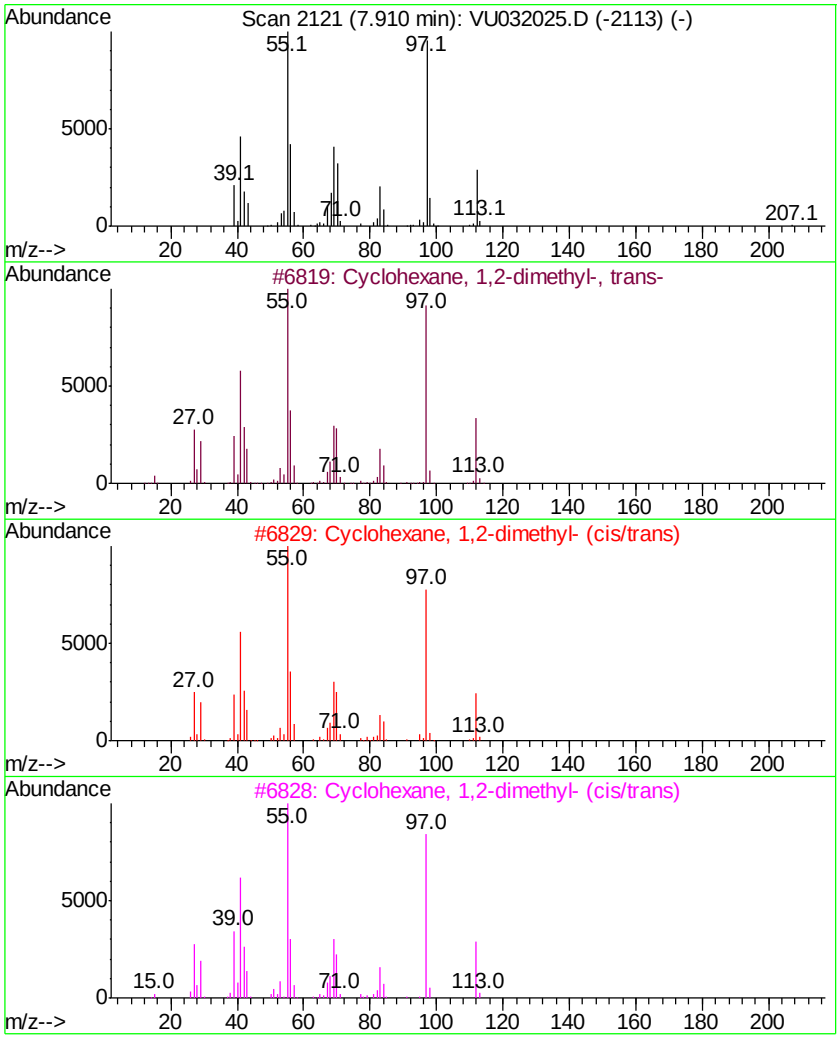
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

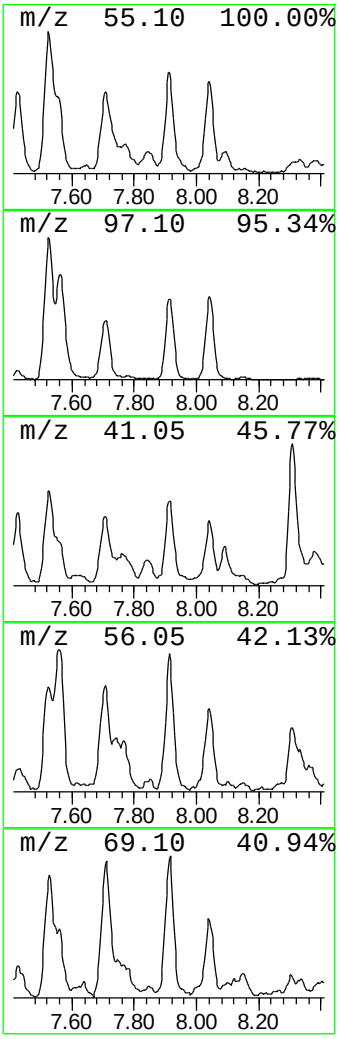
****

Peak Number 19 (DEL) Alkane: Cyclic7.91 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	5.69 ug/L	363224	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	64





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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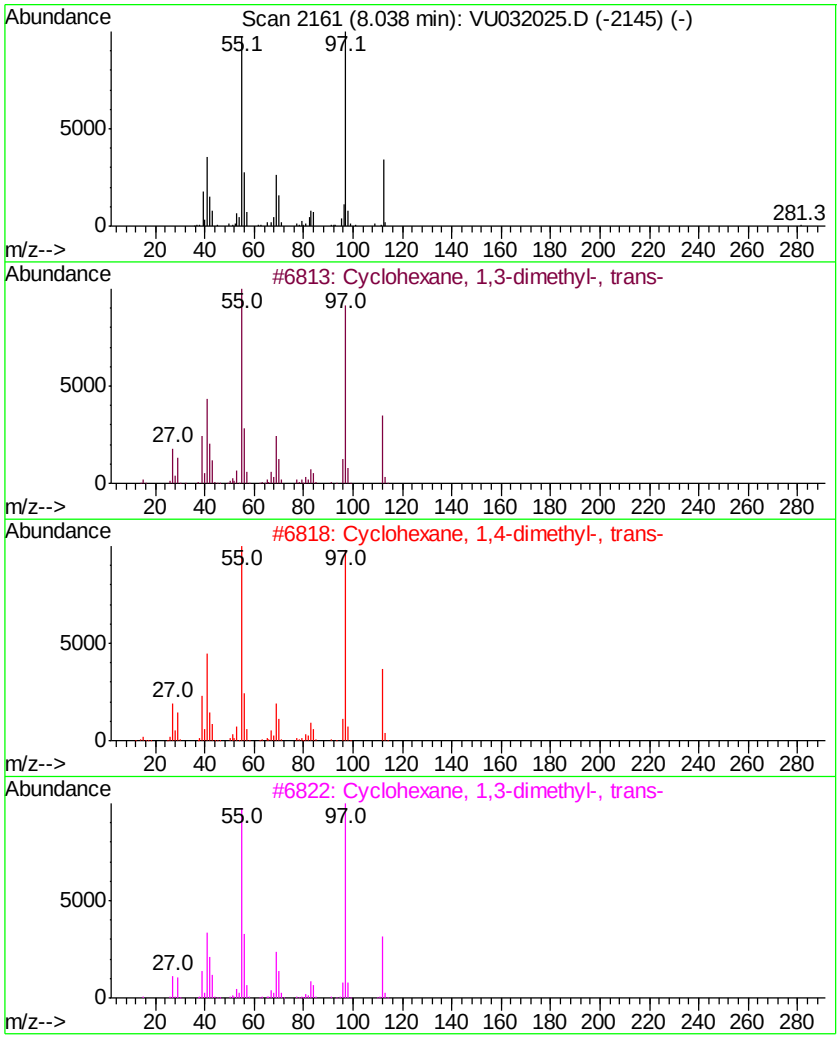
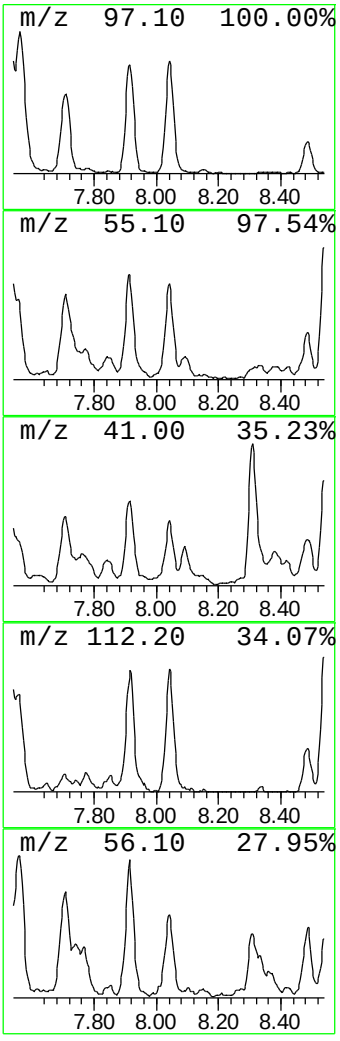
Peak Number 20 (DEL) Alkane: Cyclic8.04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	4.14 ug/L	264589	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
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 : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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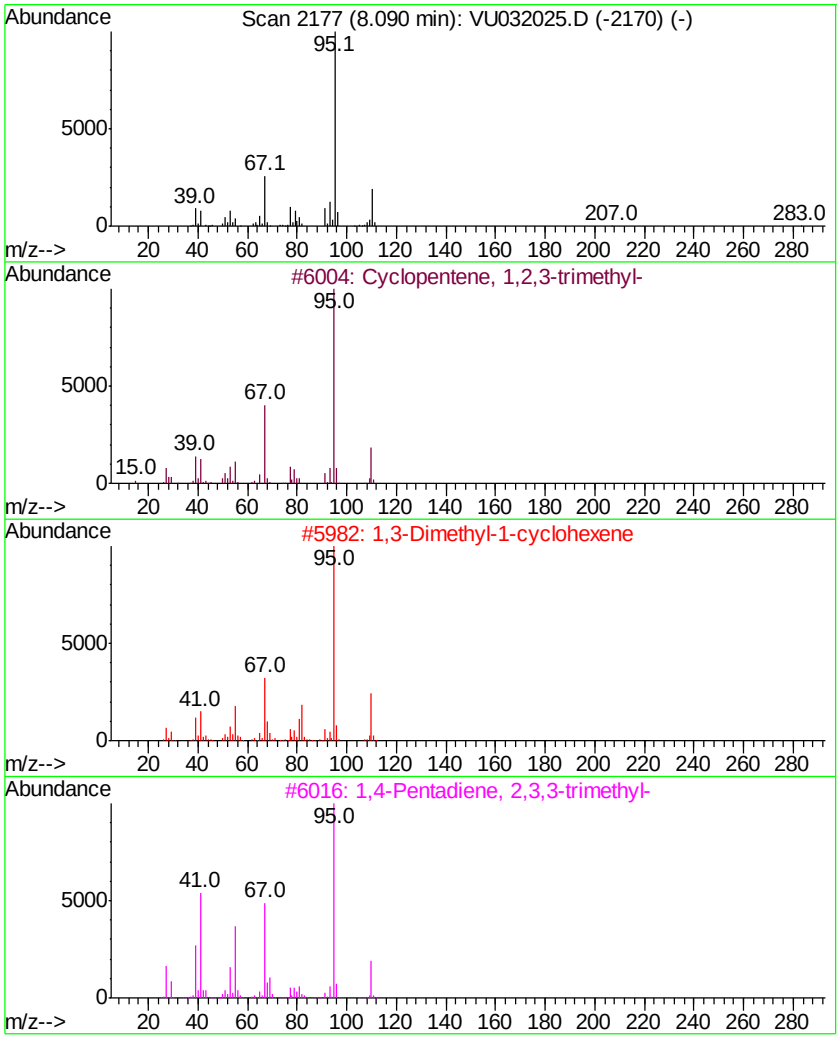
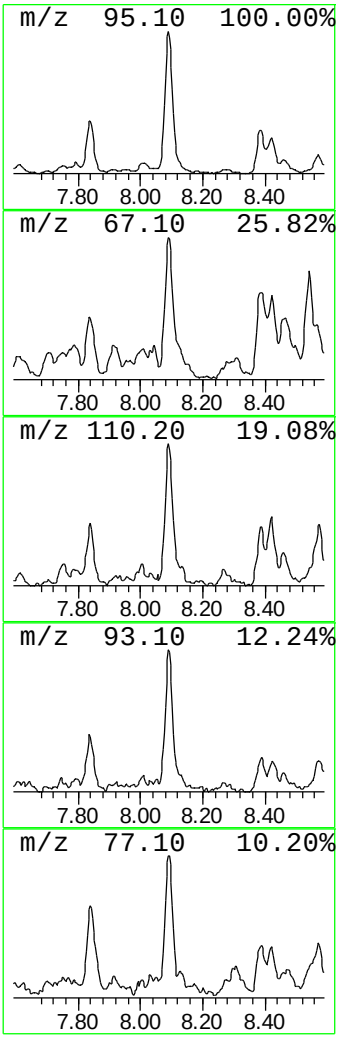
Peak Number 21 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	6.01 ug/L	383544	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	87
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	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





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Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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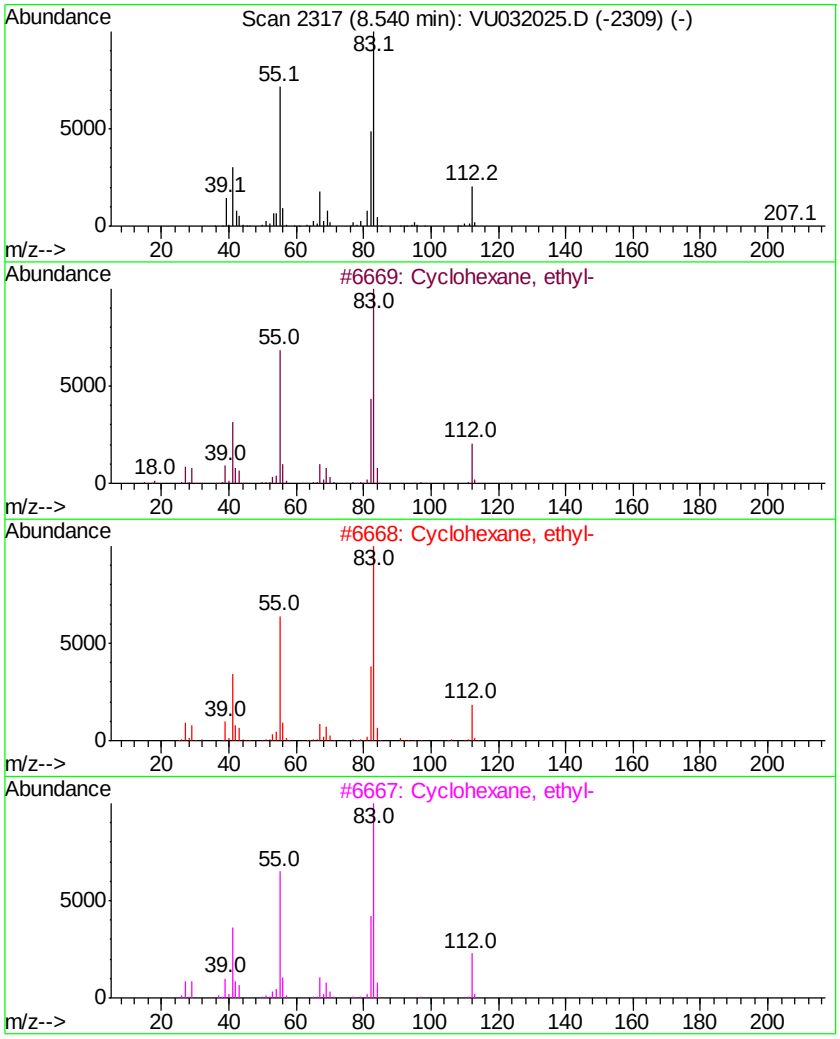
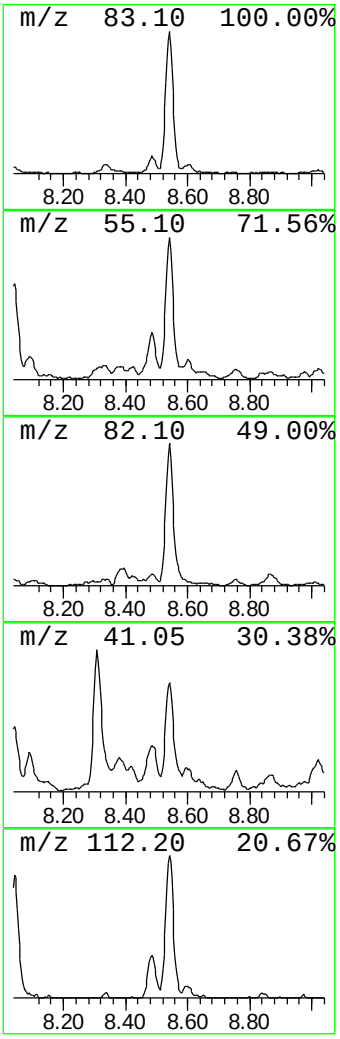
Peak Number 22 (DEL) Alkane: Cyclic8.54 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	6.16 ug/L	393701	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	76
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64





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Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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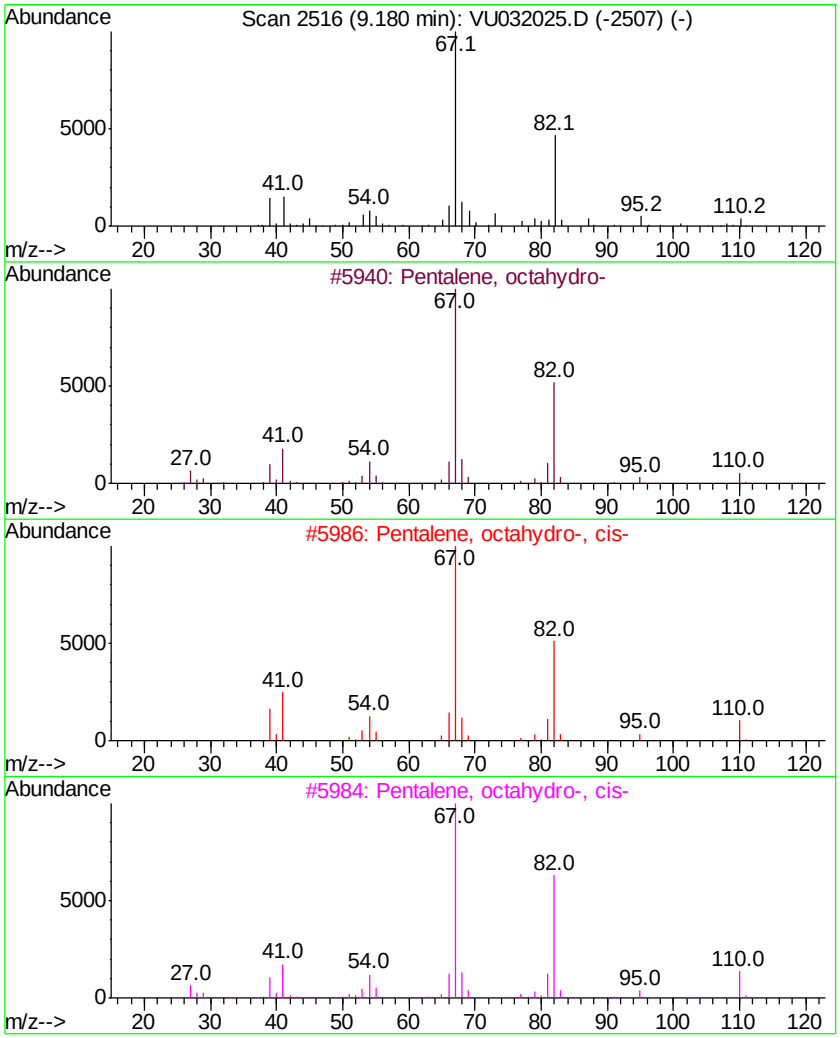
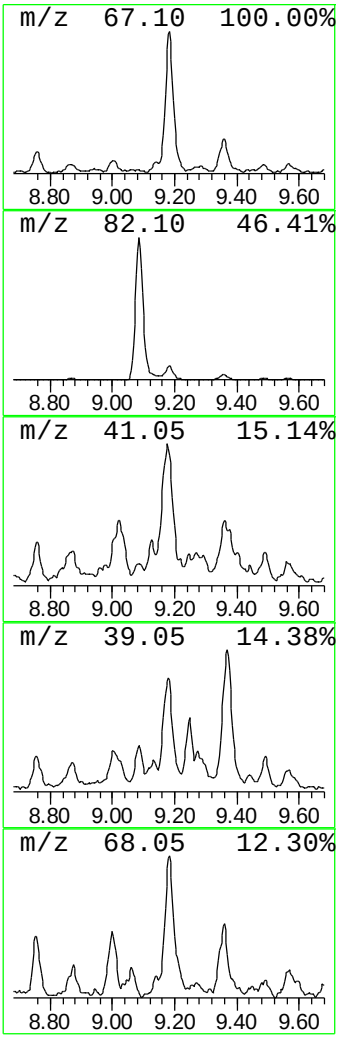
Peak Number 23 Pentalene, octahydro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	7.51 ug/L	479547	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	87
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	86
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	59





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Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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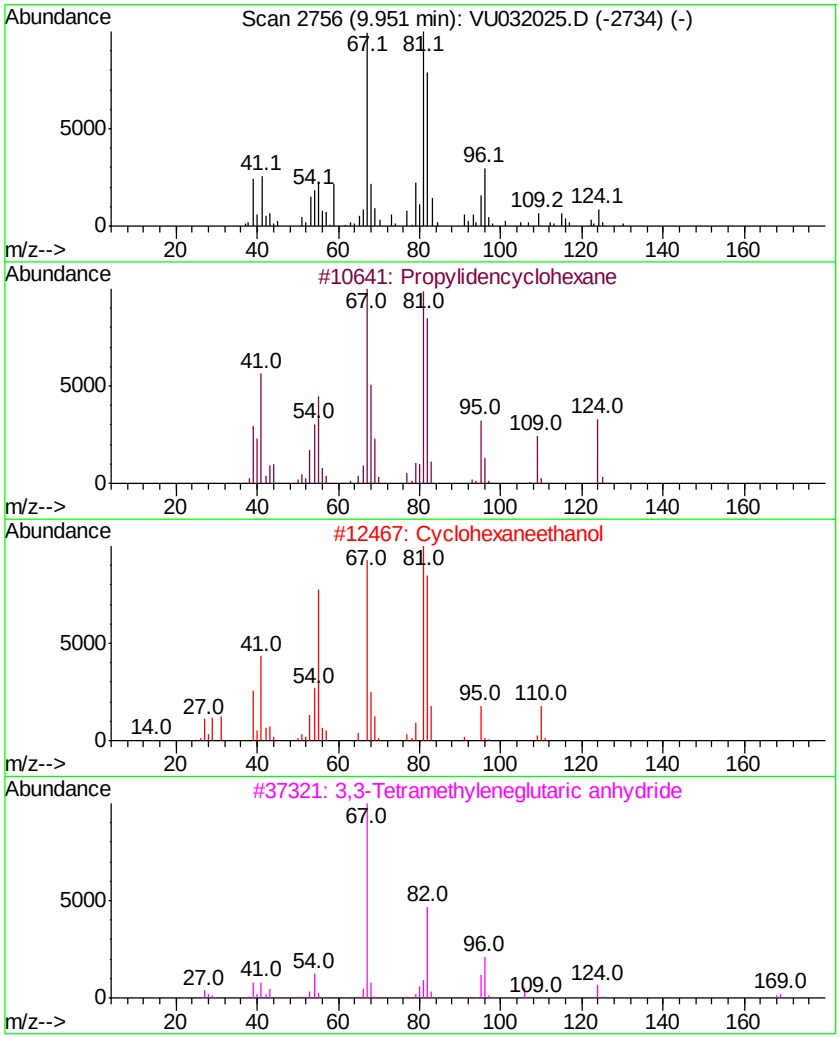
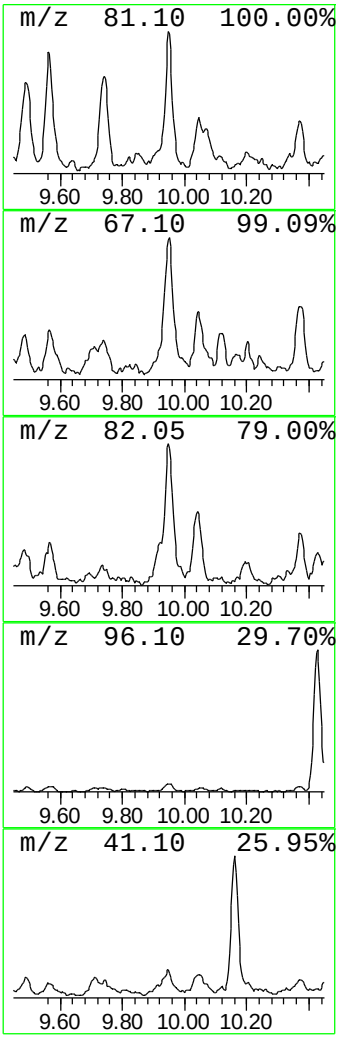
Peak Number 24 Propylidencyclohexane Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.62 ug/L	167051	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylidencyclohexane	124	C9H16	002129-93-3	72
2	Cyclohexaneethanol	128	C8H16O	004442-79-9	50
3	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	47
4	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	43
5	7-Methyl-1,6-octadiene	124	C9H16	042152-47-6	38





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Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	118.63 ug/L	7170340	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	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
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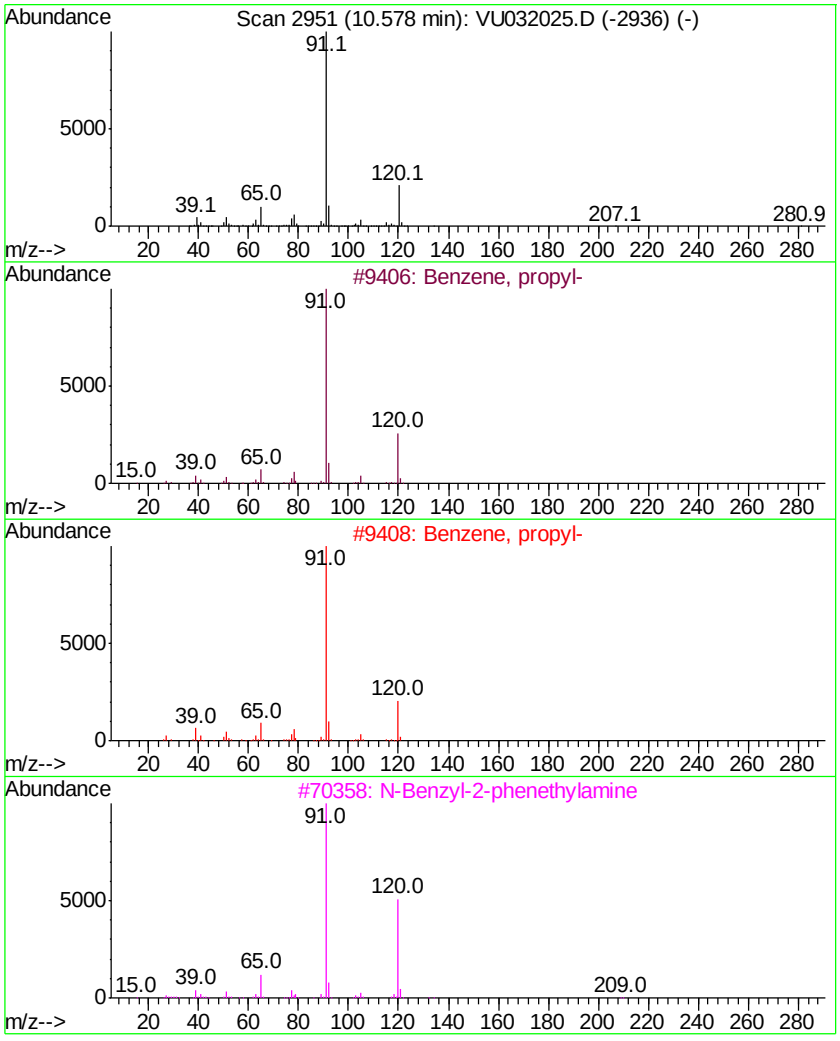

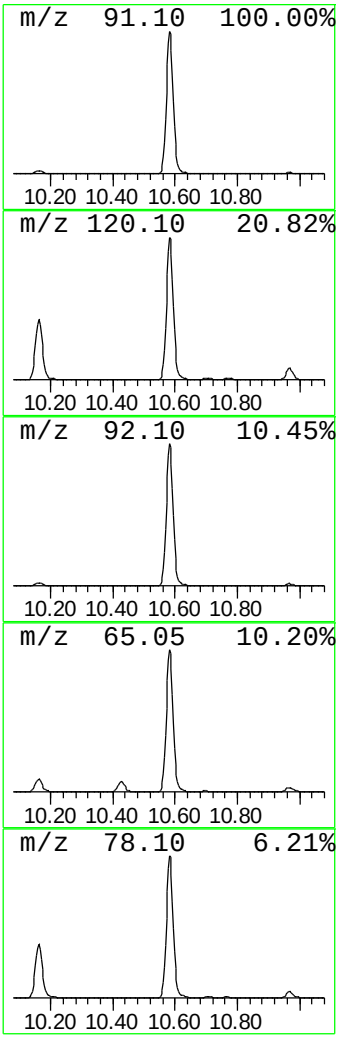

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Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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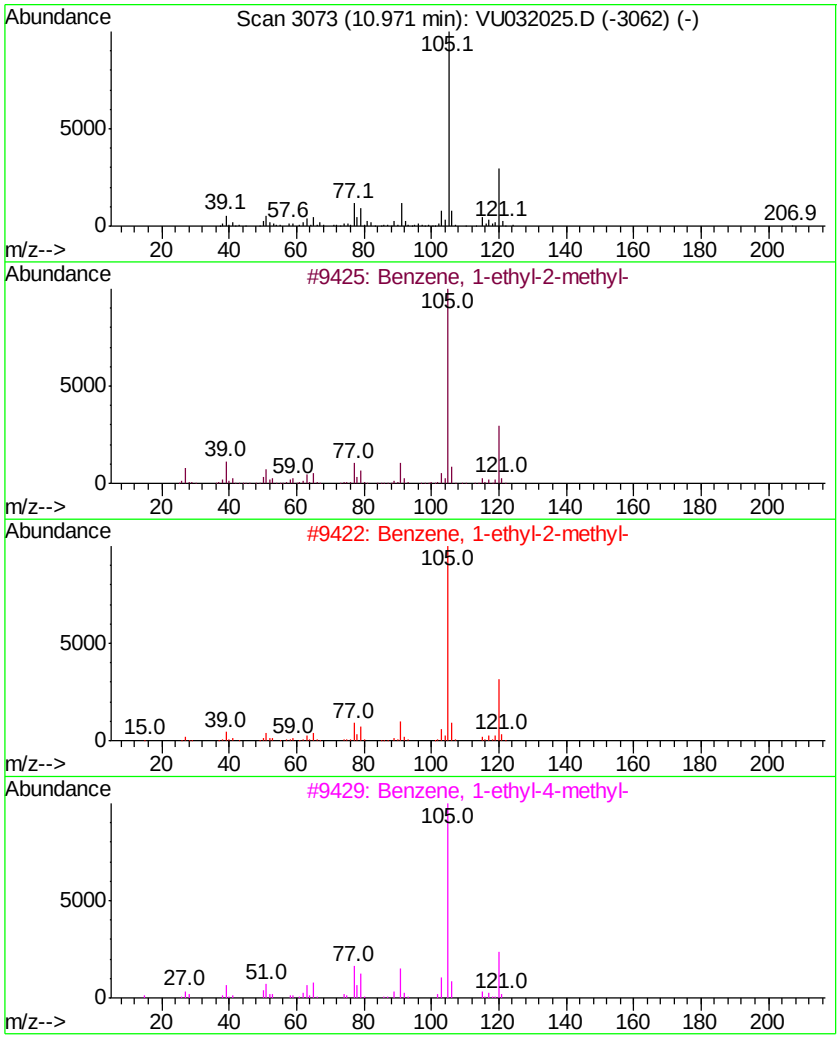
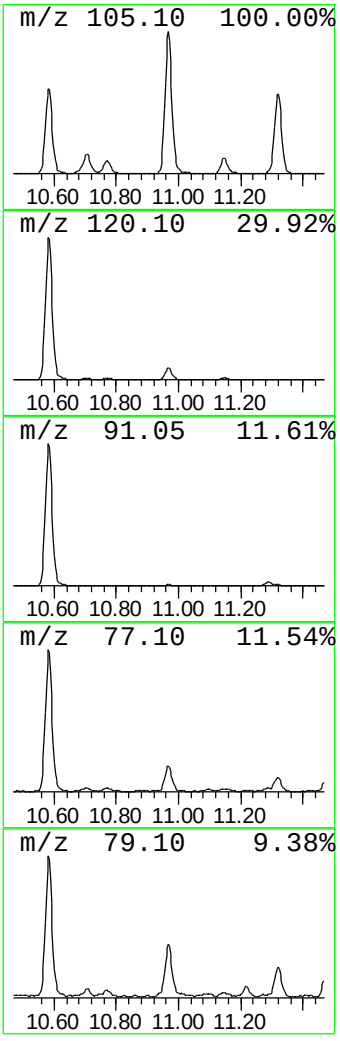
Peak Number 26 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	10.11 ug/L	610935	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-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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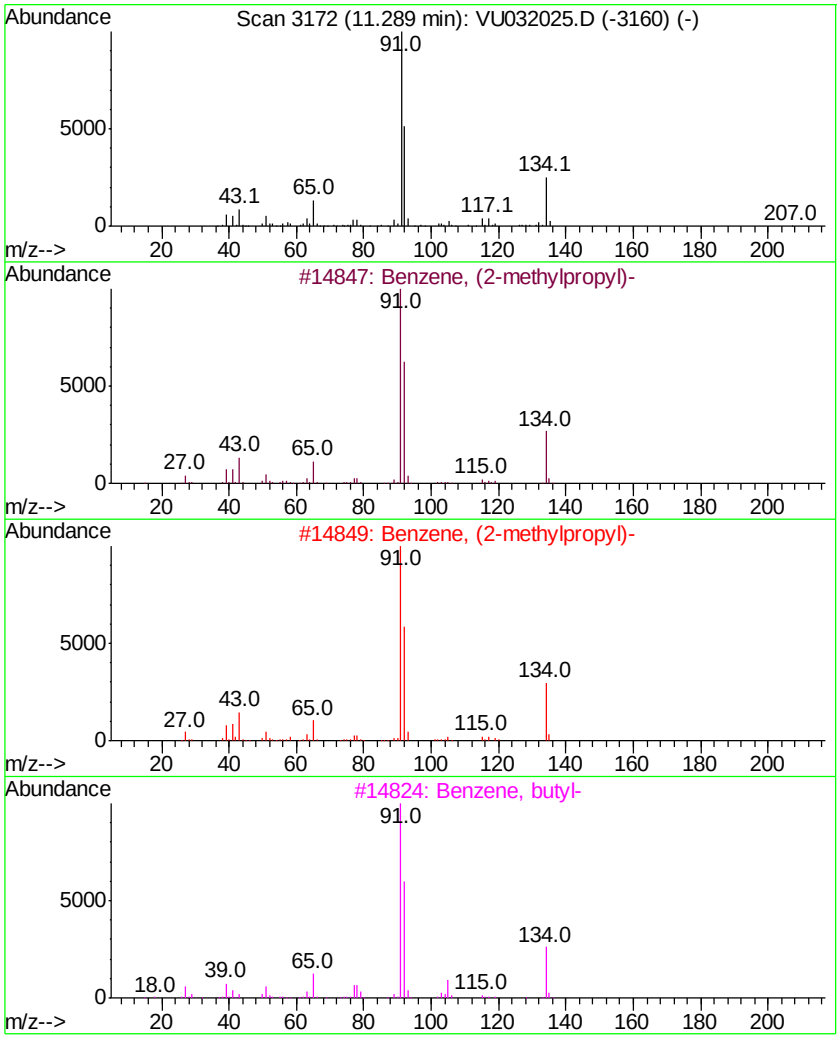
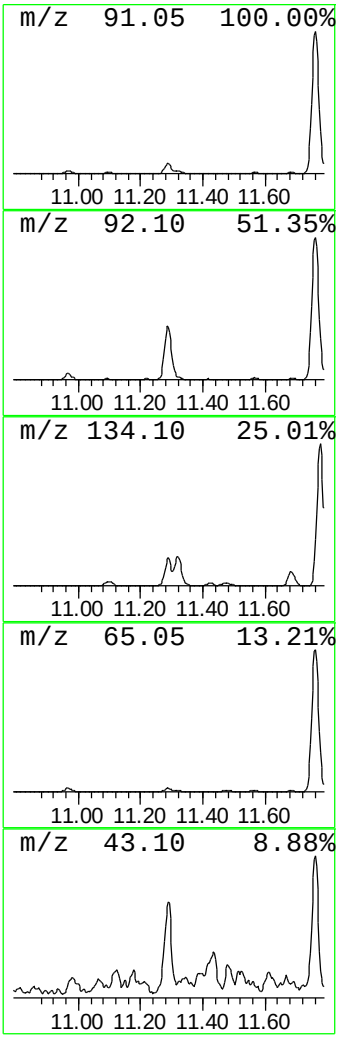
Peak Number 27 Benzene, (2-methylpropyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.30 ug/L	259805	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, butyl-	134	C10H14	000104-51-8	80
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	72





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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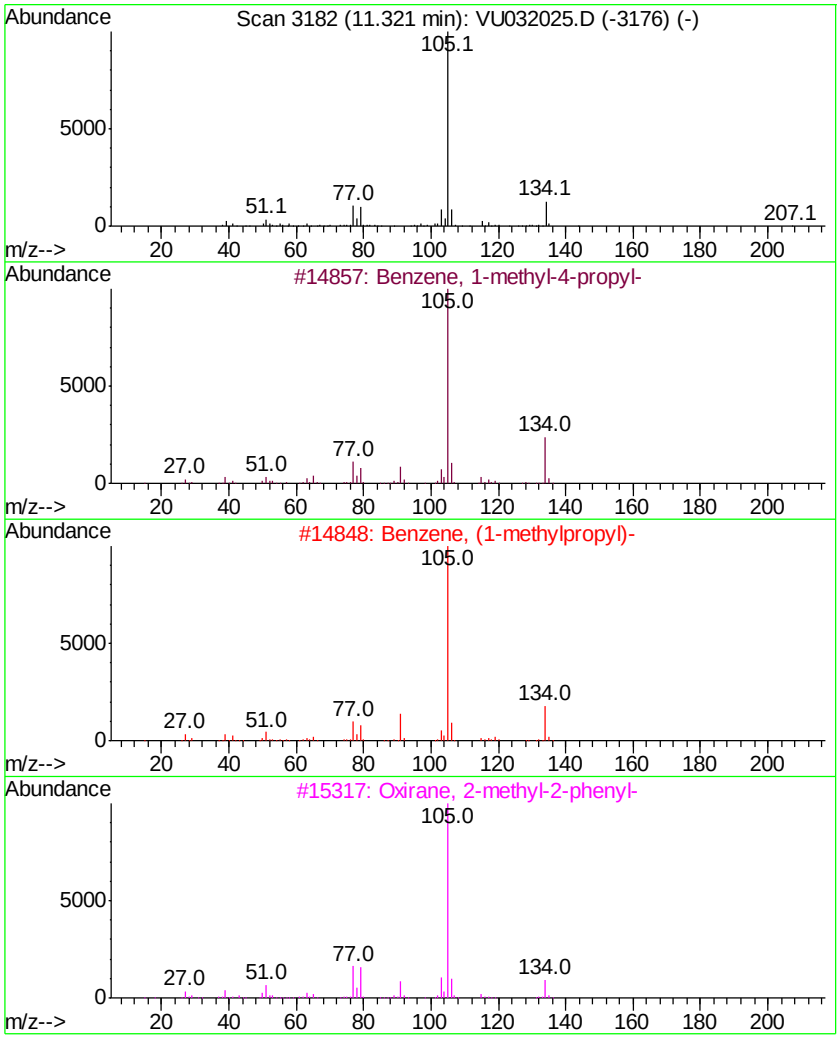
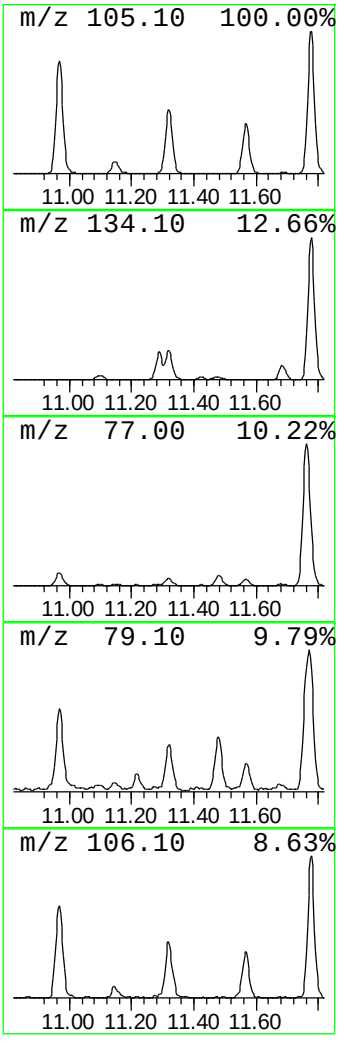
Peak Number 28 Benzene, 1-methyl-4-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.17 ug/L	312389	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

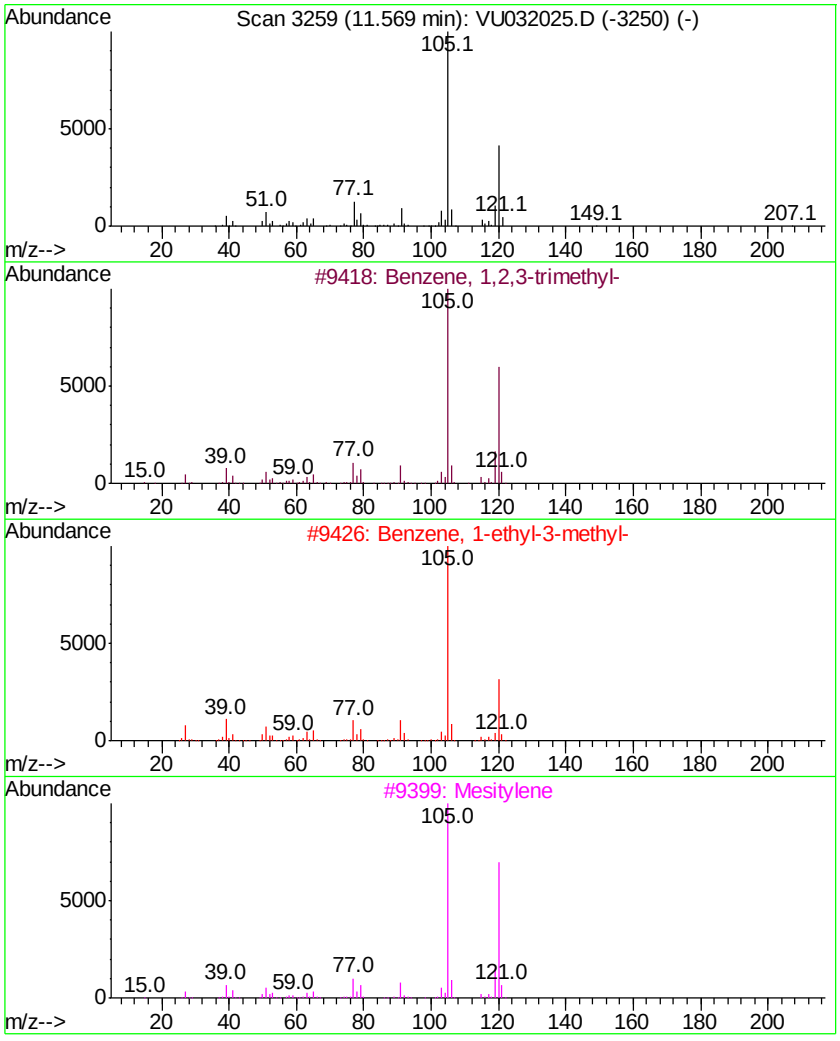
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

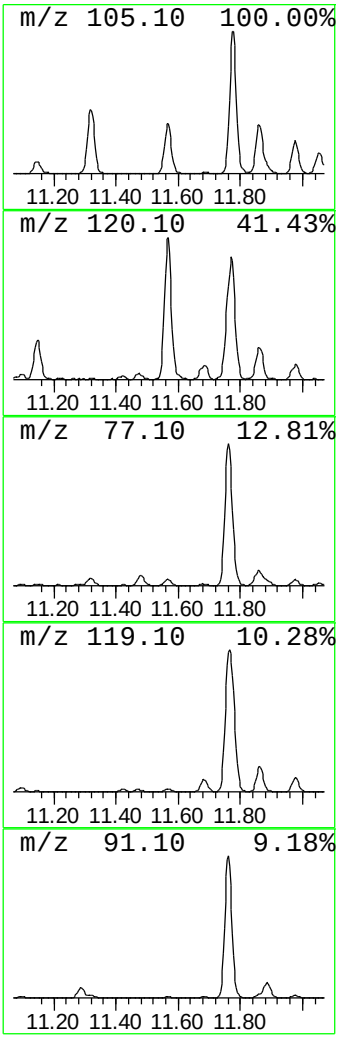
****

Peak Number 29 Benzene, 1,2,3-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.10 ug/L	247639	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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

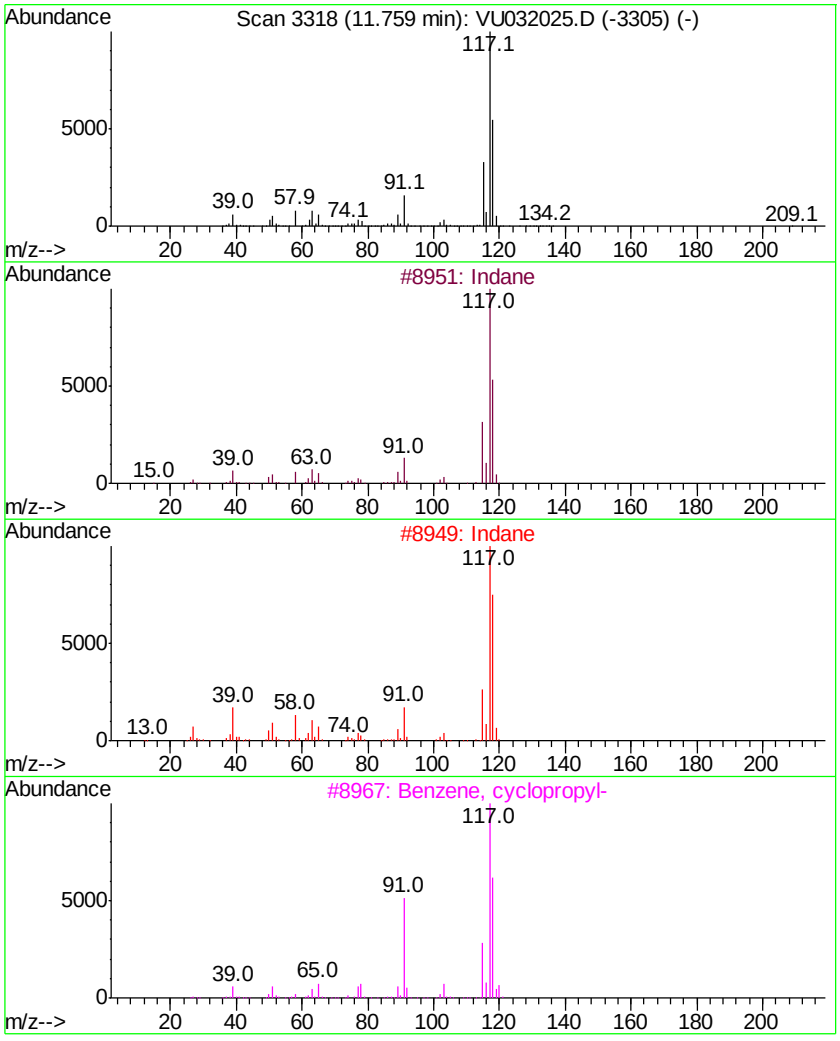
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

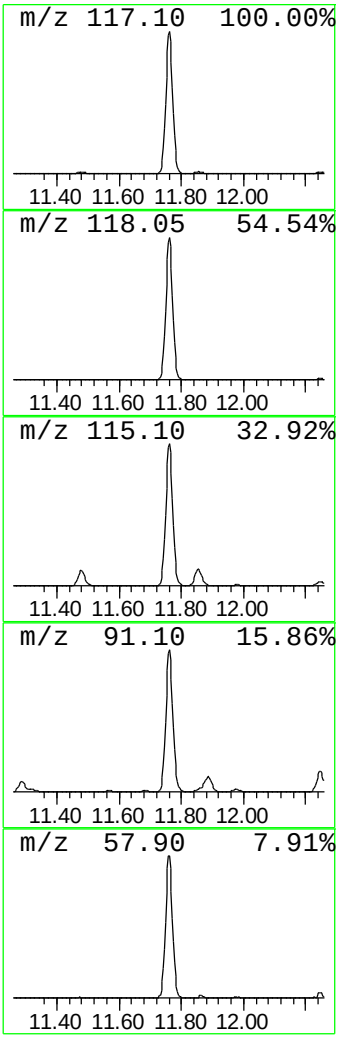
****

Peak Number 30 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	424.71 ug/L	25670800	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	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Indane	118	C9H10	000496-11-7	83
5	Deltacyclene	118	C9H10	007785-10-6	72





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Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

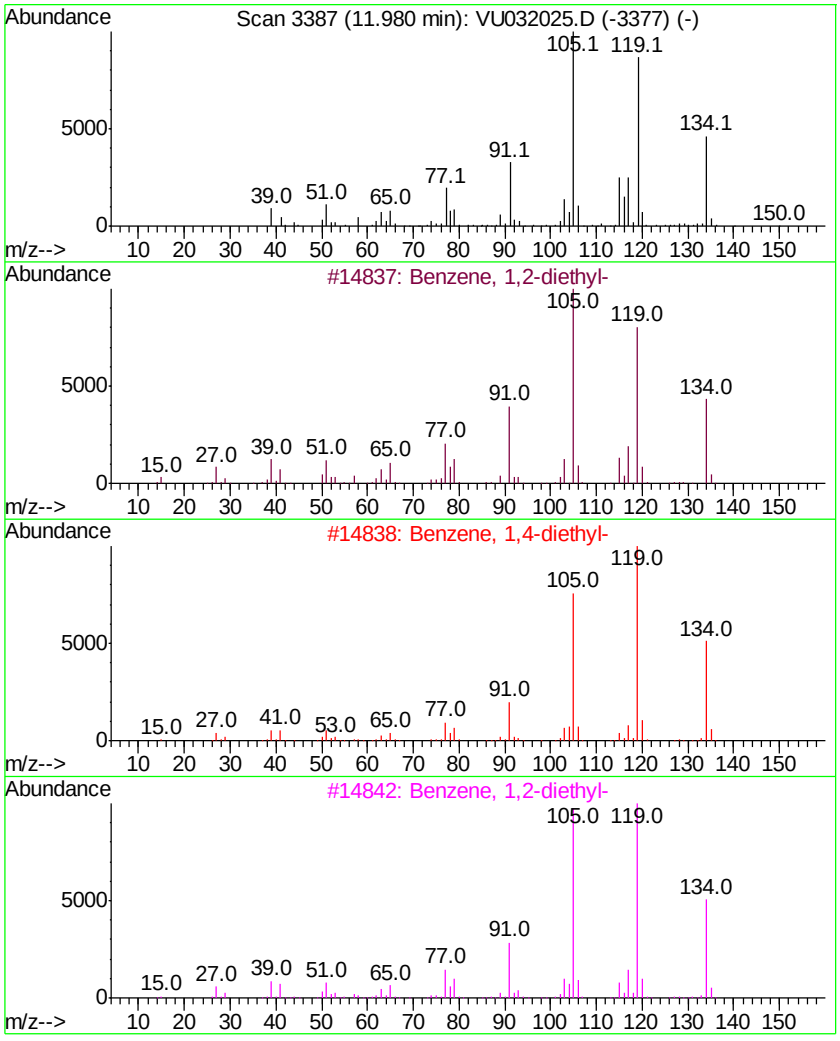
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

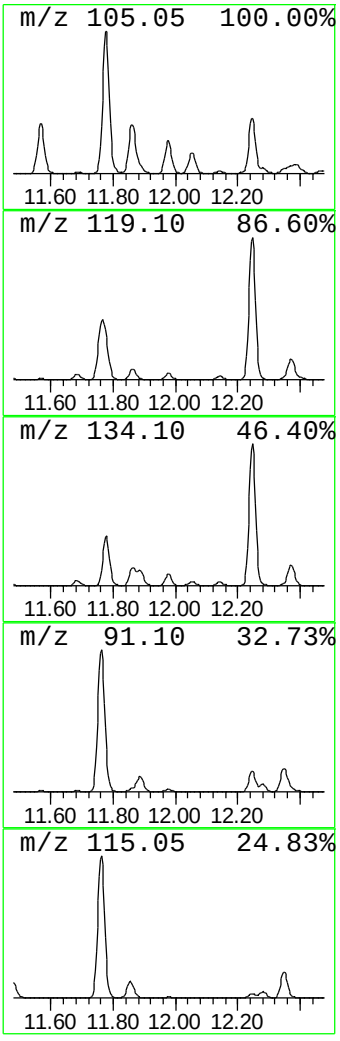
****

Peak Number 31 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.11 ug/L	309126	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	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

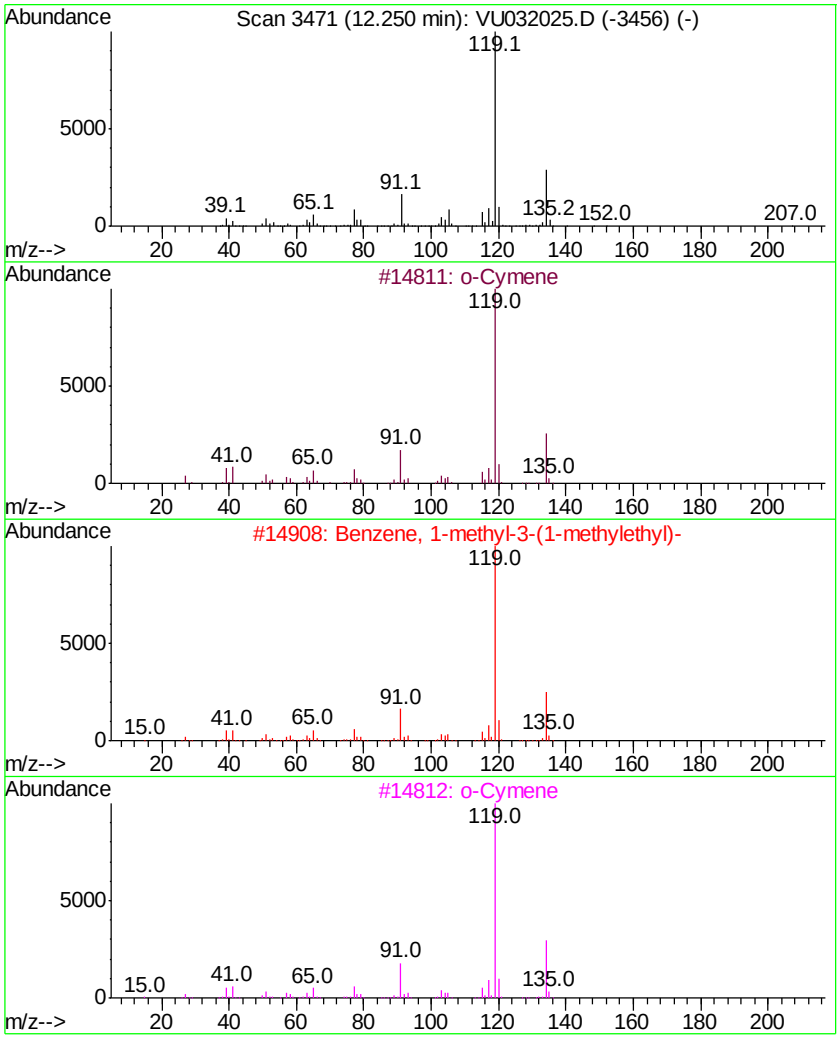
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

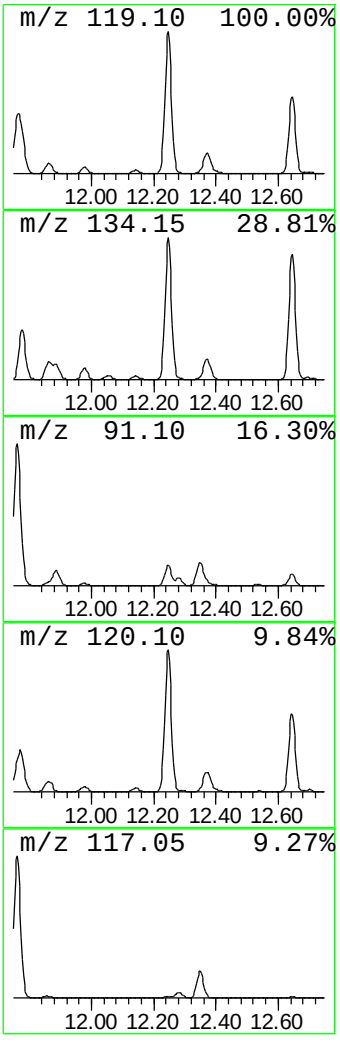
****

Peak Number 32 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	50.22 ug/L	3035380	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	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

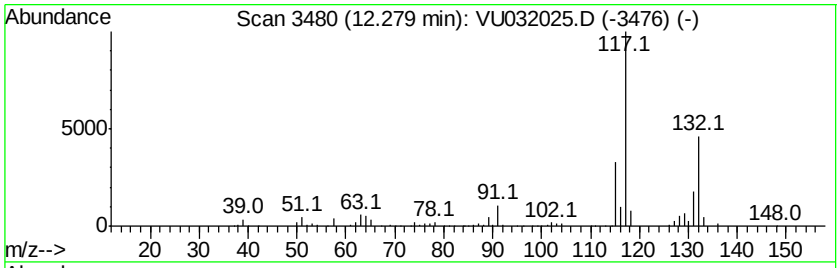
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

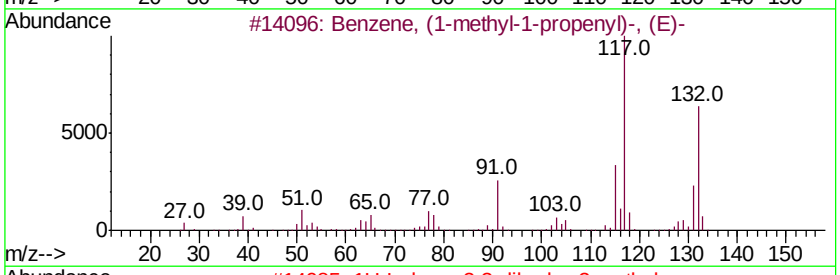
****

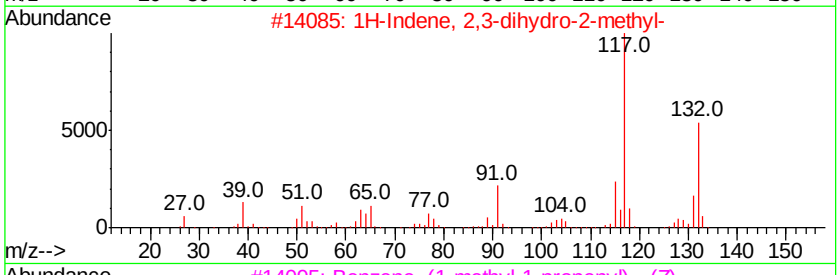
Peak Number 33 Benzene, (1-methyl-1-propen... Concentration Rank 12

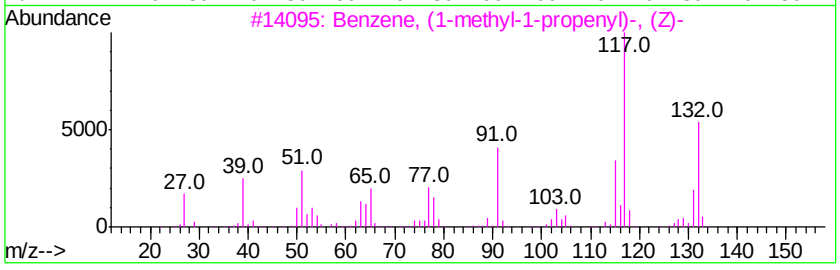
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	18.61 ug/L	1125140	1,4-Dichlorobenzene-d4	11.48

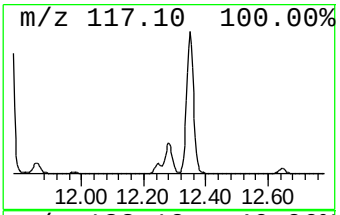
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86

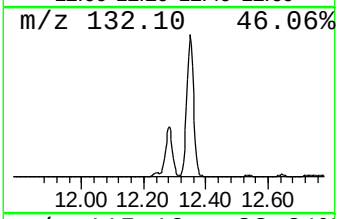


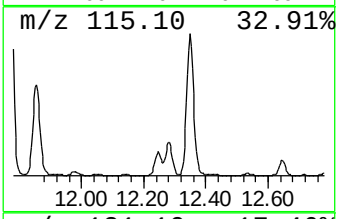


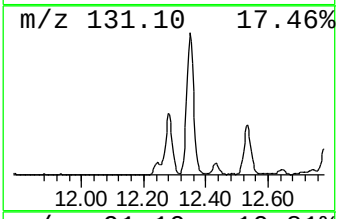


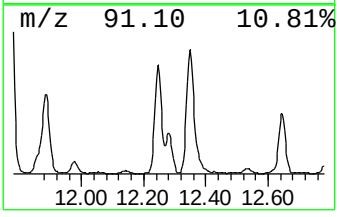












Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

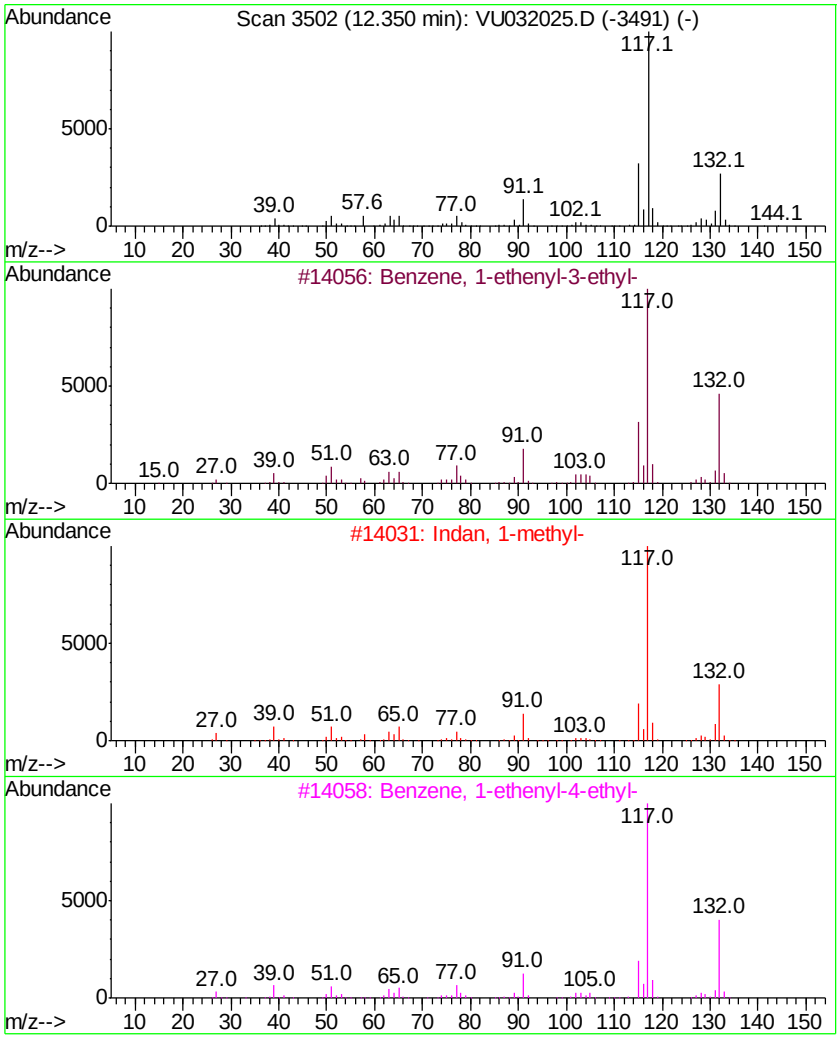
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

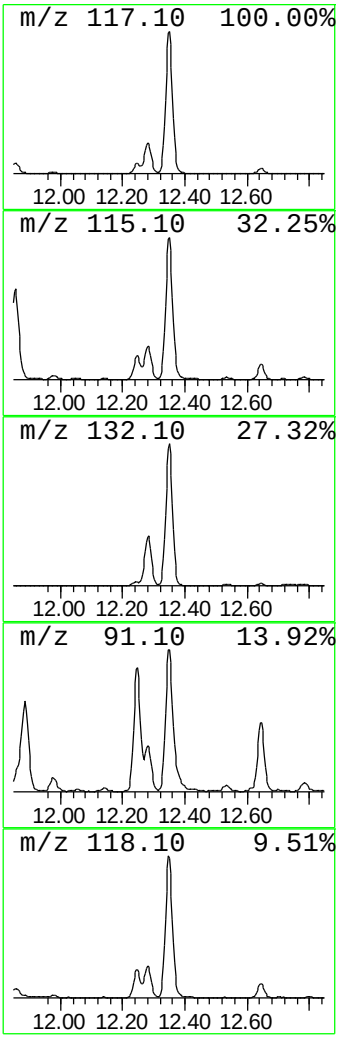
****

Peak Number 34 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	80.20 ug/L	4847700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

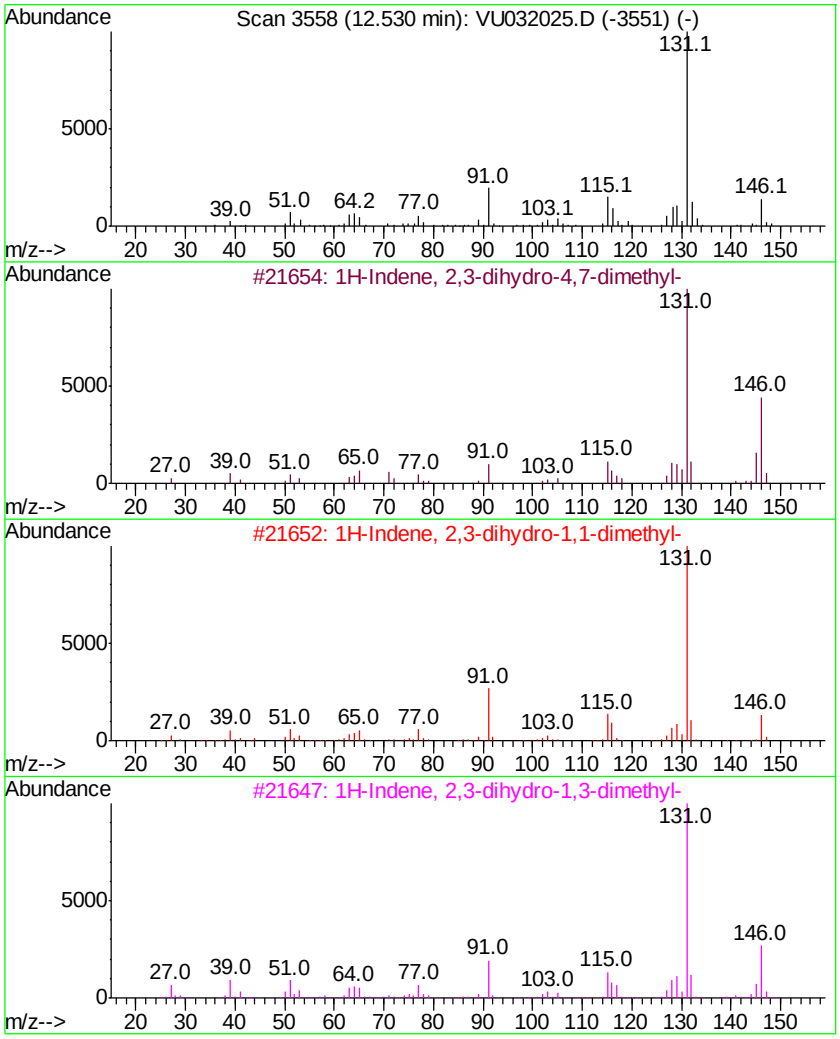
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

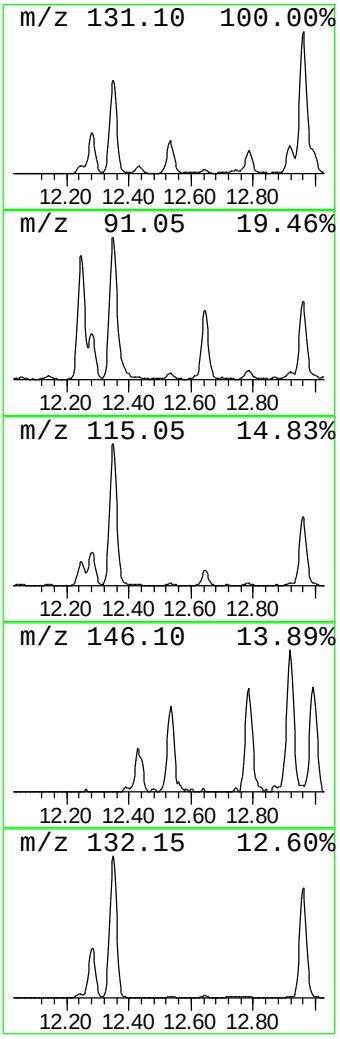
****

Peak Number 35 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.53 ug/L	153134	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

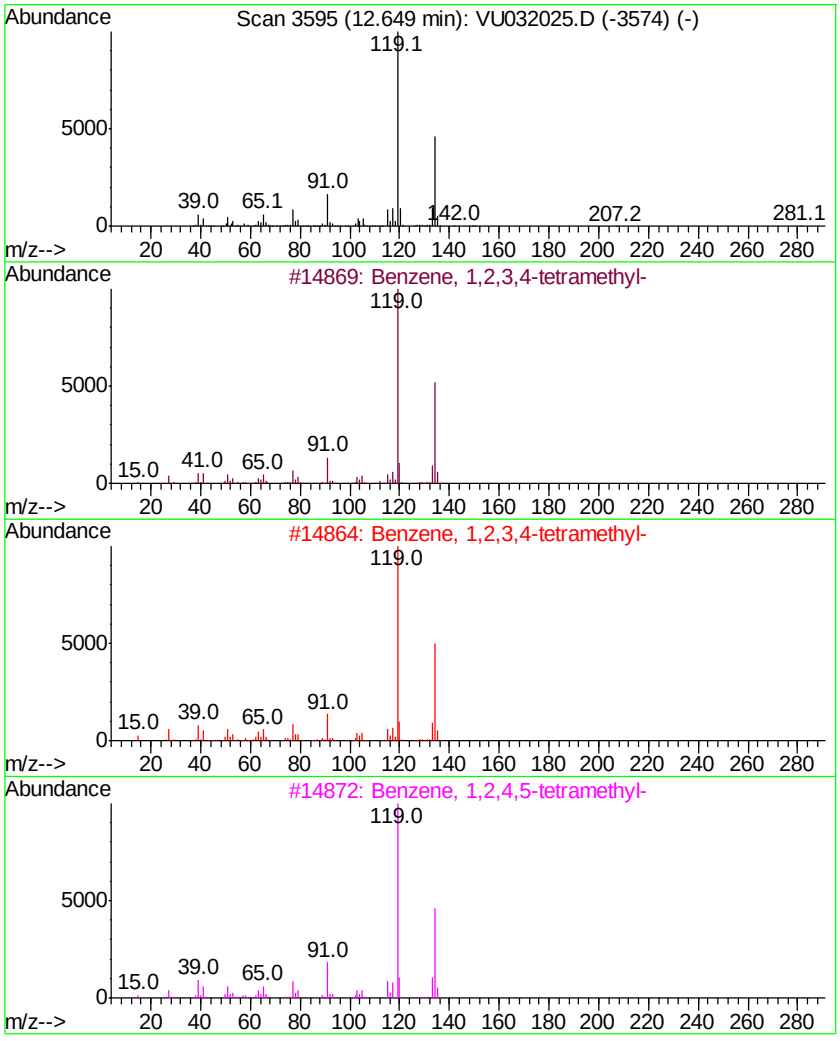
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

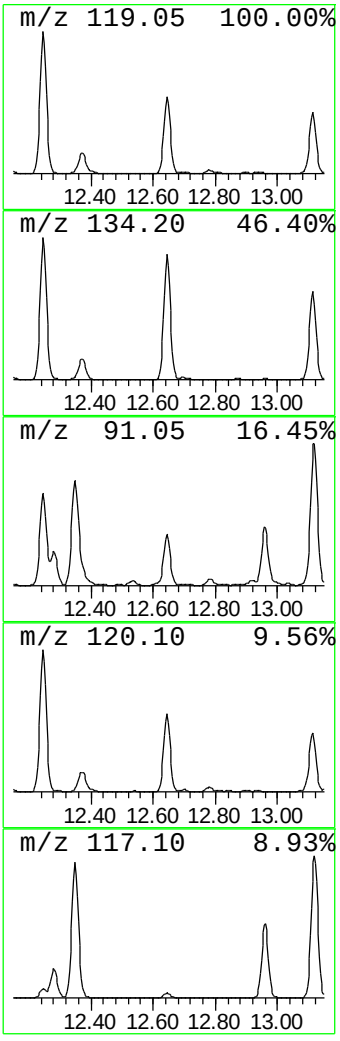
****

Peak Number 36 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	30.90 ug/L	1867630	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

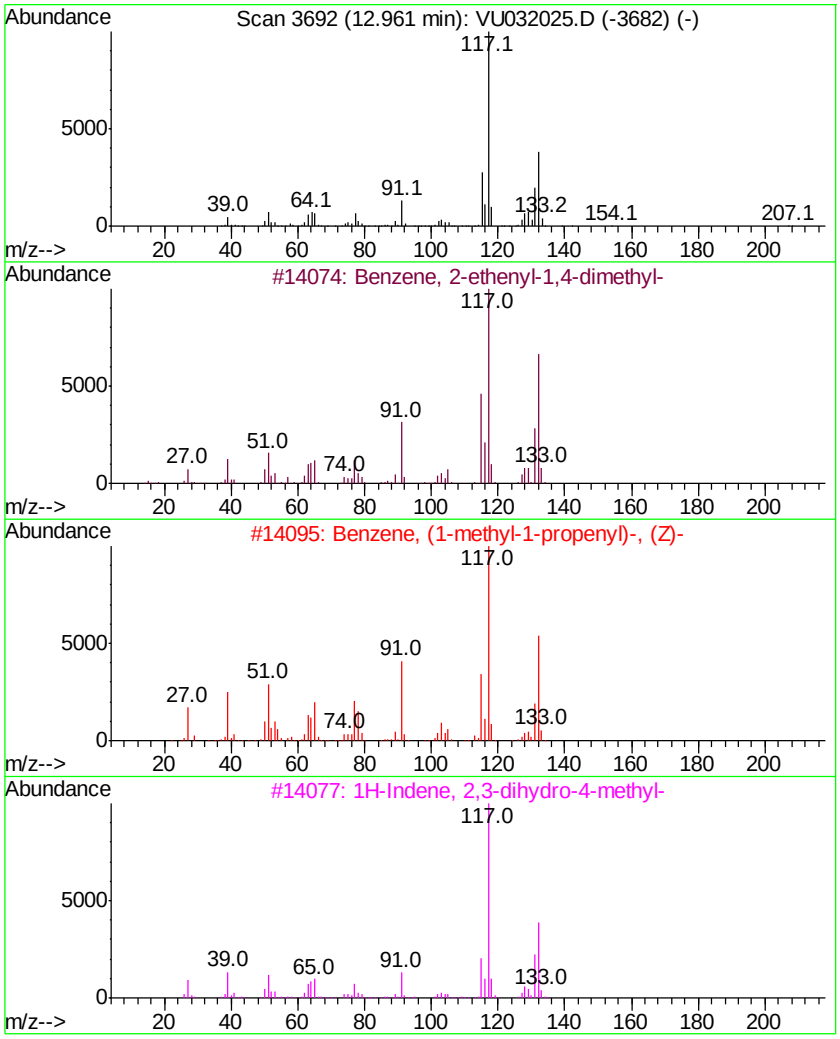
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

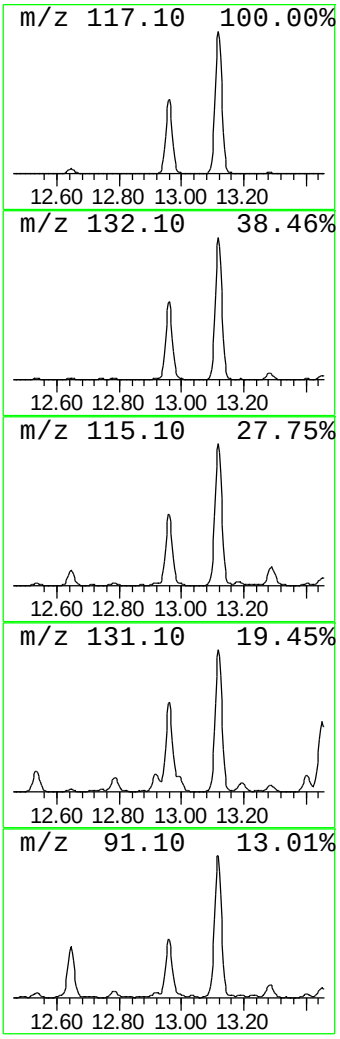
****

Peak Number 38 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	48.37 ug/L	2923490	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	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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

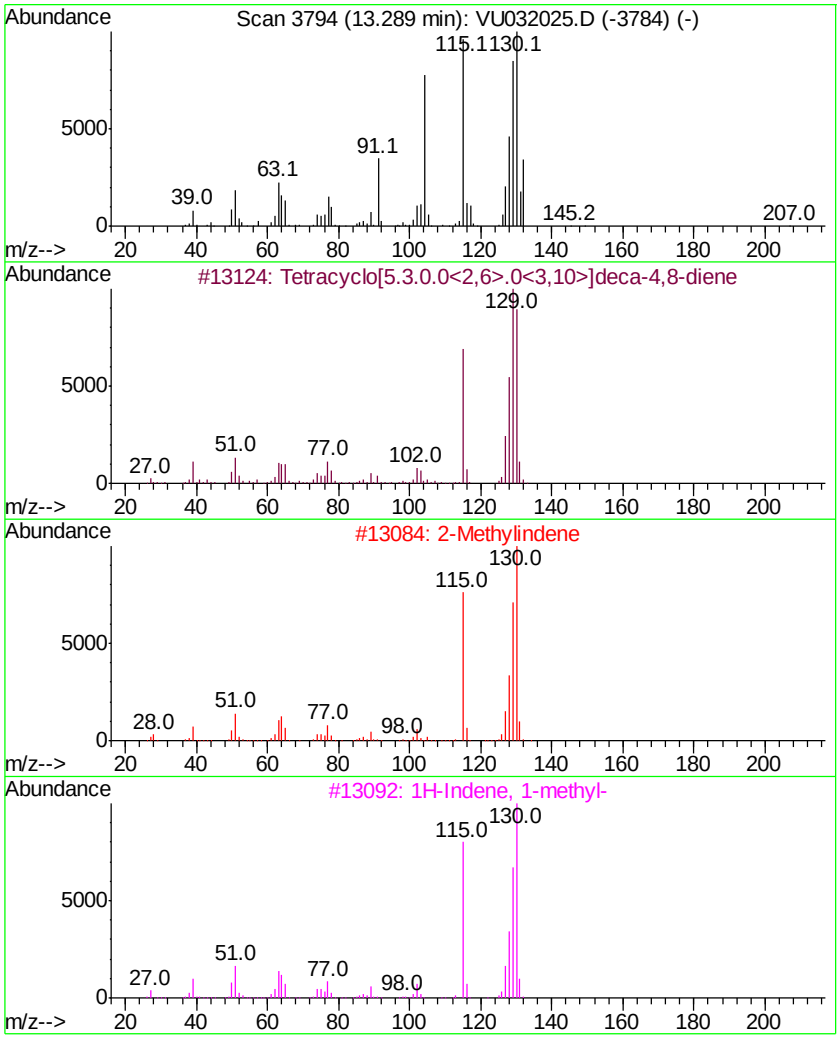
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

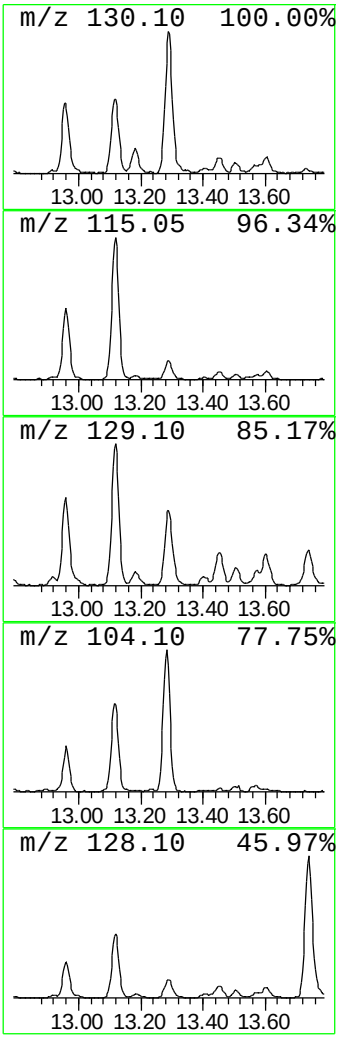
****

Peak Number 40 Tetracyclo[5.3.0.0<2,6>.0<3... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	9.99 ug/L	604090	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	91
2	2-Methylindene	130	C10H10	002177-47-1	91
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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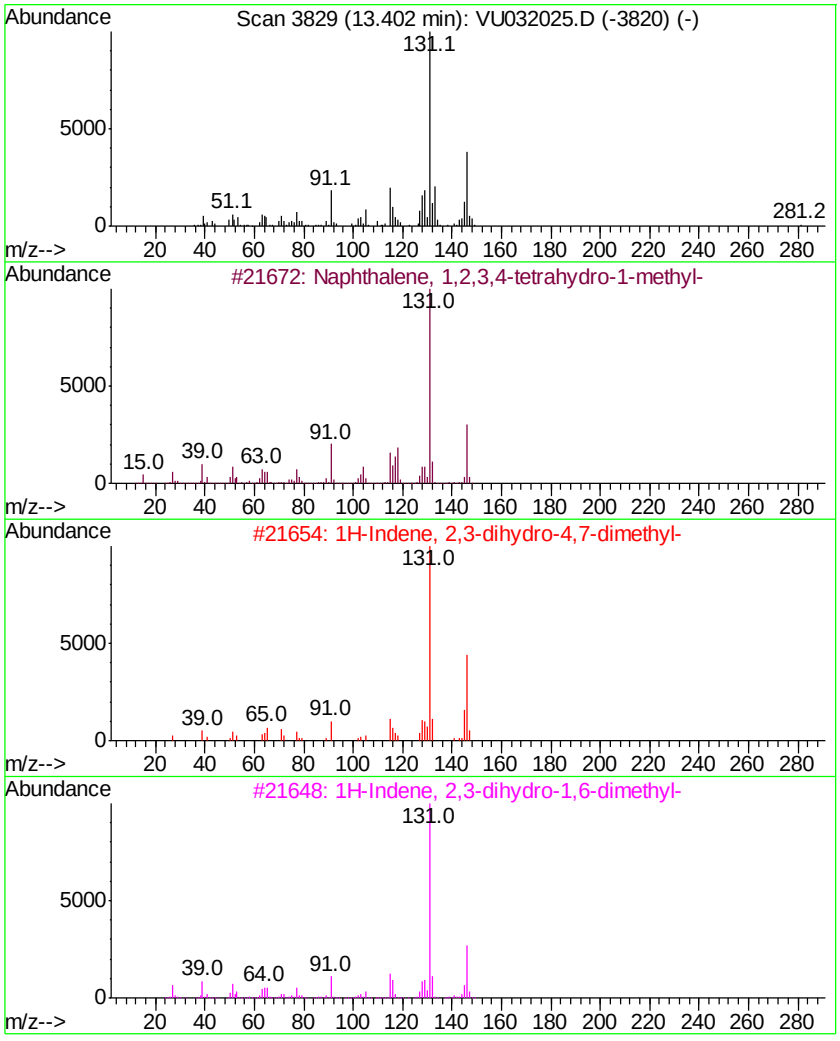
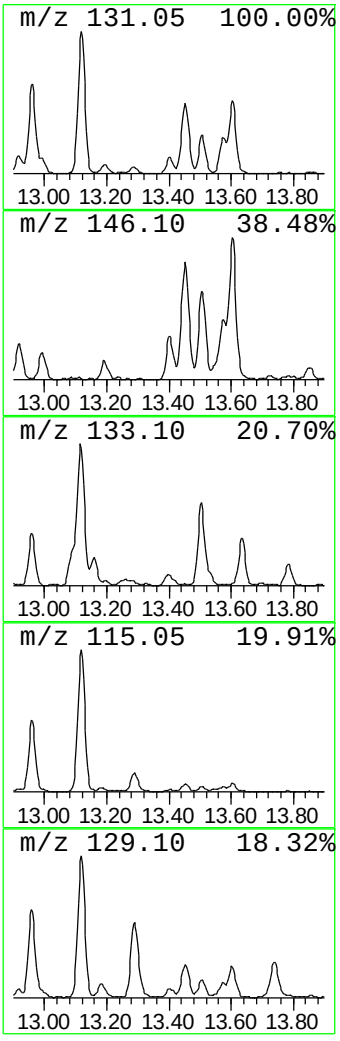
Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.54 ug/L	153624	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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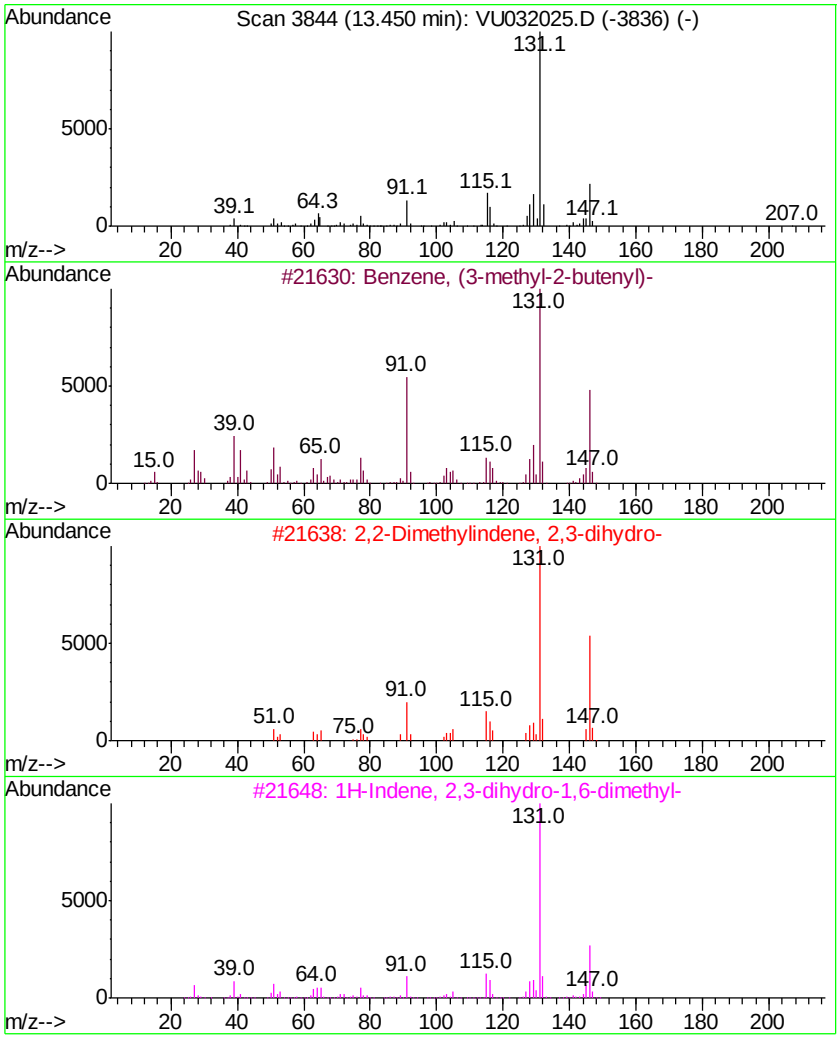
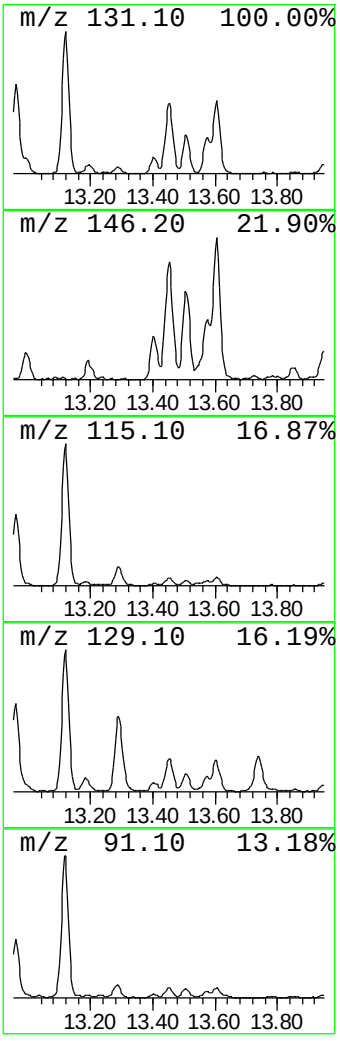
Peak Number 42 Benzene, (3-methyl-2-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	7.31 ug/L	441894	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	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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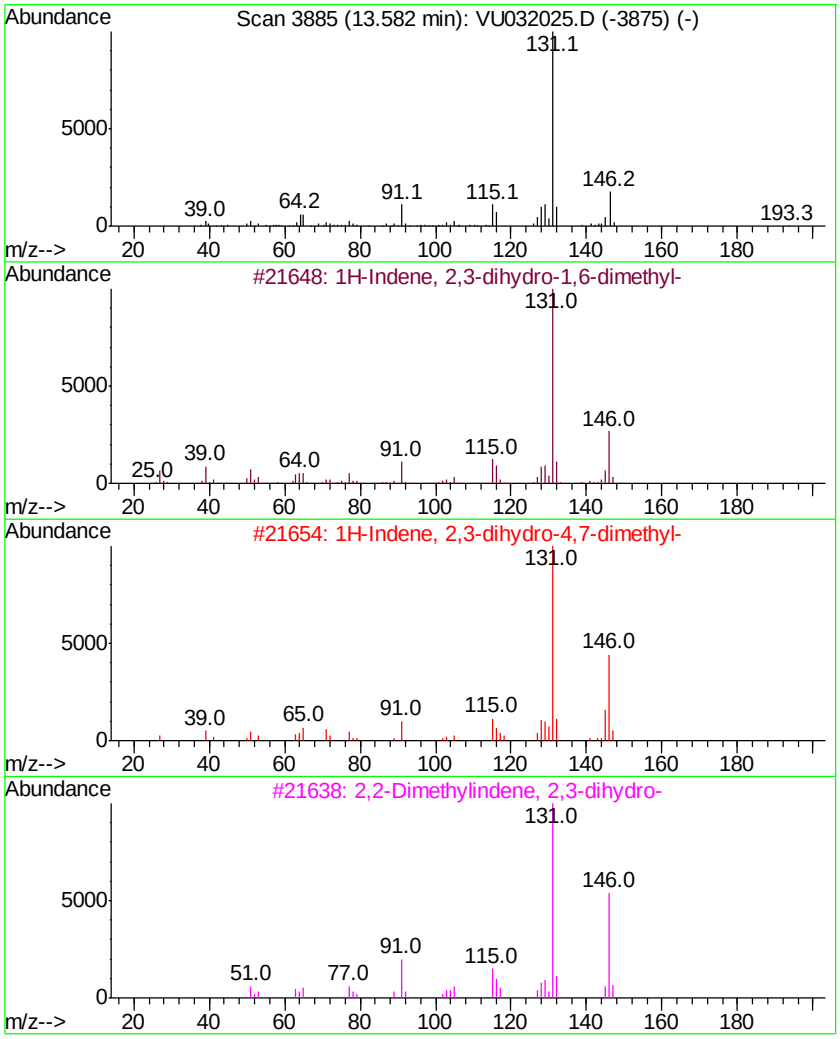
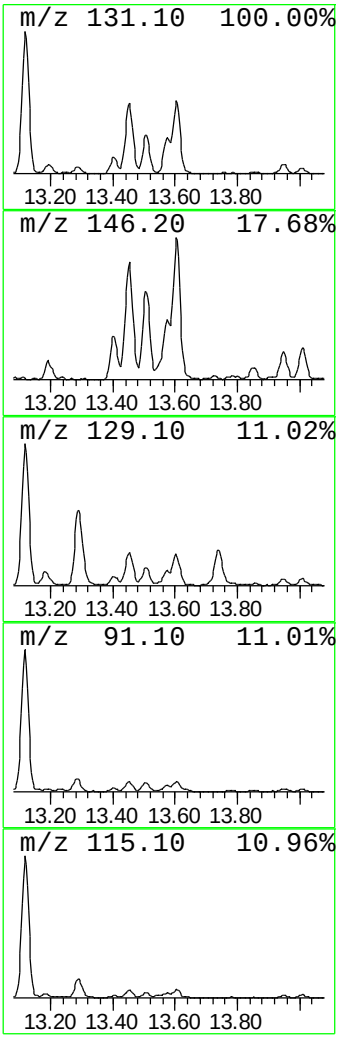
Peak Number 44 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.48 ug/L	210595	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-4,7-dimet...	146	C11H14	006682-71-9	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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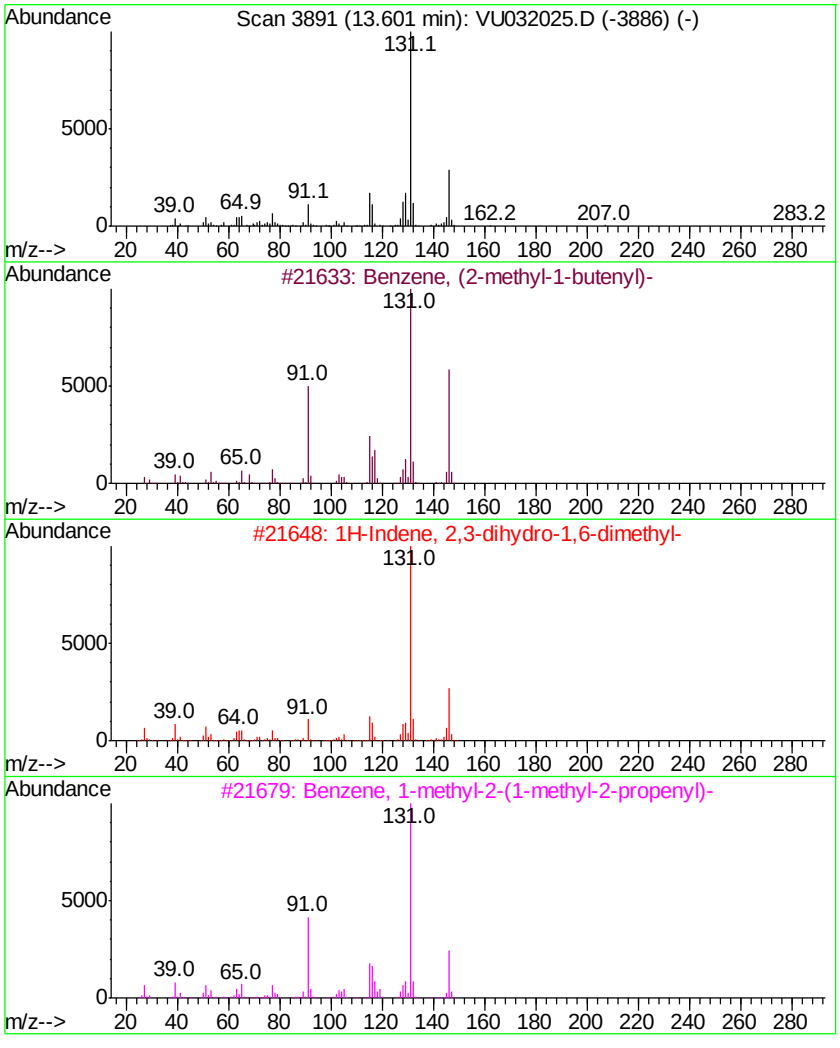
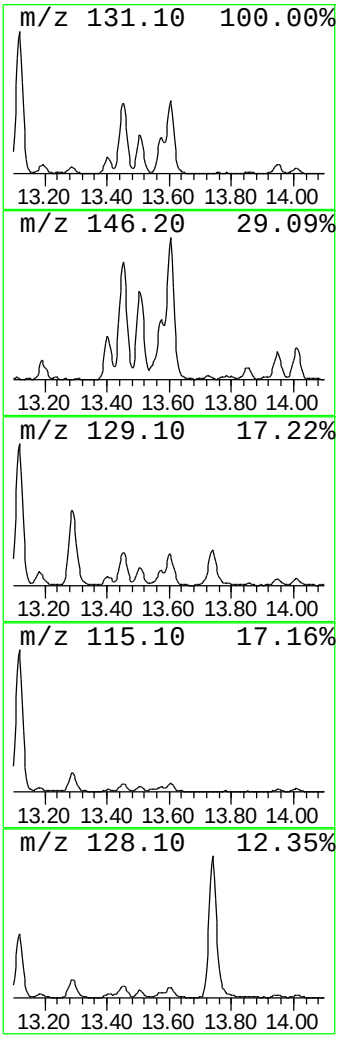
Peak Number 45 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	9.88 ug/L	597177	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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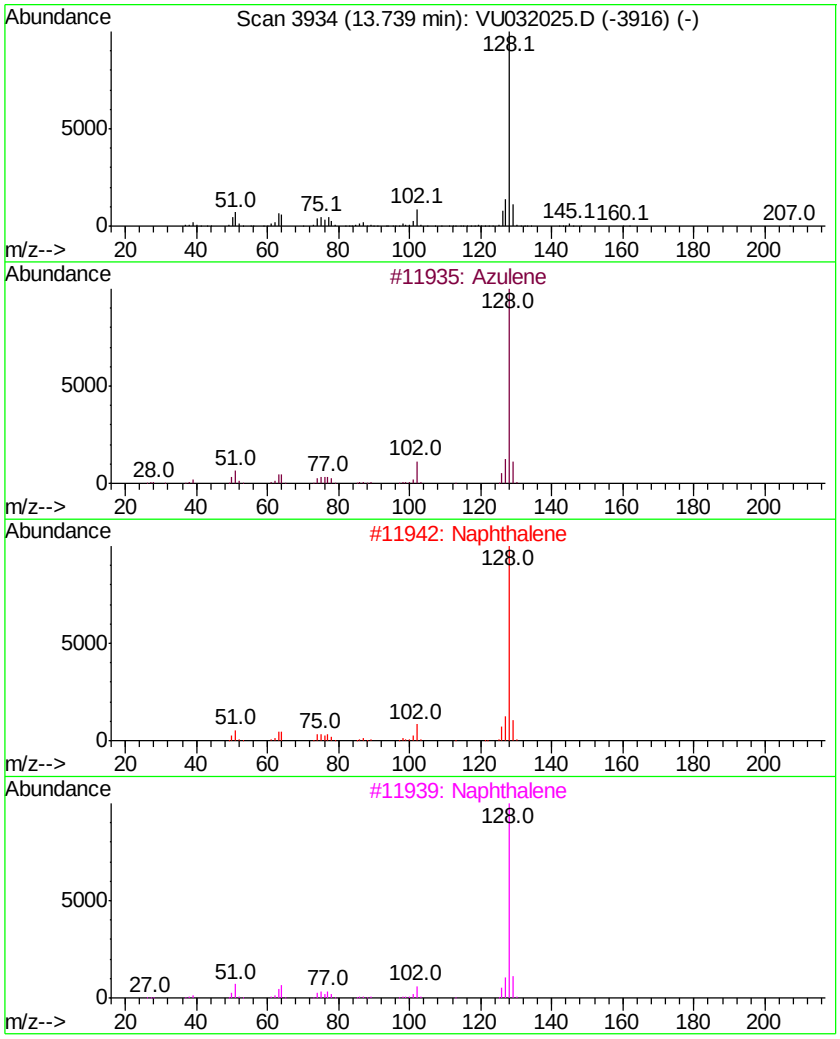
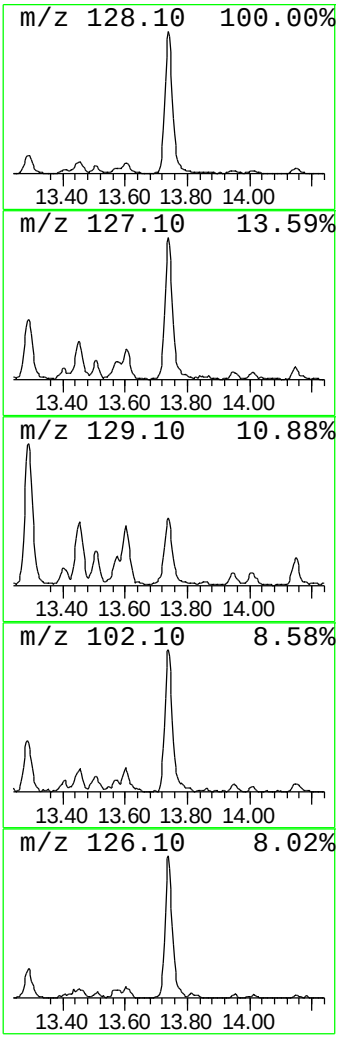
Peak Number 46 Azulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	9.87 ug/L	596277	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	95
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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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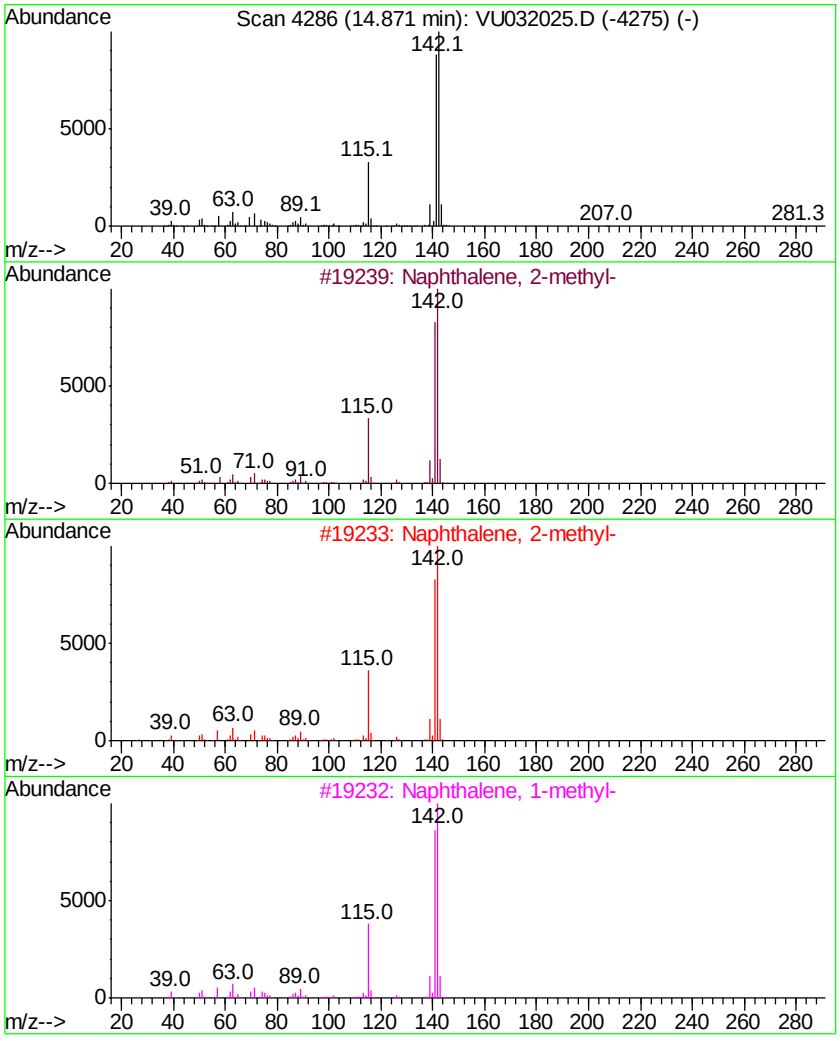
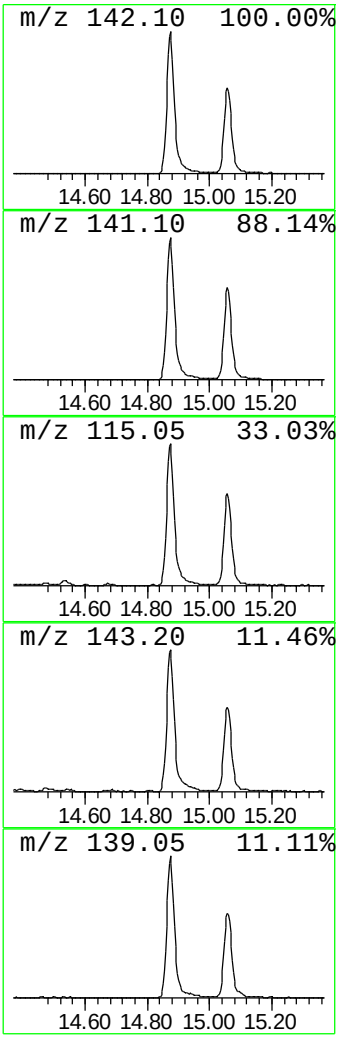
Peak Number 49 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	29.51 ug/L	1783920	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\
Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB898DL

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
1-Butanol, 2,3-di...	2.74	5.1	ug/L	255331	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	2.79	4.6	ug/L	230010	1	5.88	2489000	50.0
(DEL) Alkane: Str...	2.99	6.2	ug/L	310413	1	5.88	2489000	50.0
(DEL) Alkane: Str...	3.30	6.4	ug/L	316528	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	3.55	4.2	ug/L	210283	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	3.65	2.7	ug/L	136383	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	3.89	2.7	ug/L	132450	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	4.09	58.6	ug/L	2917800	1	5.88	2489000	50.0
(DEL) Alkane: Str...	5.22	4.4	ug/L	217947	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	5.48	8.4	ug/L	417540	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	5.62	14.1	ug/L	699469	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	6.21	5.3	ug/L	265555	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	6.64	8.3	ug/L	414828	1	5.88	2489000	50.0
Cyclohexene, 4-me...	6.84	18.1	ug/L	902353	1	5.88	2489000	50.0
Cyclobutane, (1-m...	7.06	14.5	ug/L	721462	1	5.88	2489000	50.0
Cyclohexene, 1-me...	7.42	15.3	ug/L	763375	1	5.88	2489000	50.0
(DEL) Alkane: Cyc...	7.71	5.1	ug/L	326324	2	9.09	3193050	50.0
(DEL) Alkane: Cyc...	7.91	5.7	ug/L	363224	2	9.09	3193050	50.0
(DEL) Alkane: Cyc...	8.04	4.1	ug/L	264589	2	9.09	3193050	50.0
Cyclopentene, 1,2...	8.09	6.0	ug/L	383544	2	9.09	3193050	50.0
(DEL) Alkane: Cyc...	8.54	6.2	ug/L	393701	2	9.09	3193050	50.0
Pentalene, octahy...	9.18	7.5	ug/L	479547	2	9.09	3193050	50.0
Propylidencyclohe...	9.95	2.6	ug/L	167051	2	9.09	3193050	50.0
Benzene, propyl-	10.58	118.6	ug/L	7170340	3	11.48	3022190	50.0
Benzene, 1-ethyl-...	10.97	10.1	ug/L	610935	3	11.48	3022190	50.0
Benzene, (2-methy...	11.29	4.3	ug/L	259805	3	11.48	3022190	50.0
Benzene, 1-methyl...	11.32	5.2	ug/L	312389	3	11.48	3022190	50.0
Benzene, 1,2,3-tr...	11.57	4.1	ug/L	247639	3	11.48	3022190	50.0
Indane	11.76	424.7	ug/L	25670800	3	11.48	3022190	50.0
Benzene, 1,2-diet...	11.98	5.1	ug/L	309126	3	11.48	3022190	50.0
o-Cymene	12.25	50.2	ug/L	3035380	3	11.48	3022190	50.0
Benzene, (1-methy...	12.28	18.6	ug/L	1125140	3	11.48	3022190	50.0
Benzene, 1-etheny...	12.35	80.2	ug/L	4847700	3	11.48	3022190	50.0
1H-Indene, 2,3-di...	12.53	2.5	ug/L	153134	3	11.48	3022190	50.0
Benzene, 1,2,3,4-...	12.65	30.9	ug/L	1867630	3	11.48	3022190	50.0
Benzene, 2-etheny...	12.96	48.4	ug/L	2923490	3	11.48	3022190	50.0
Tetracyclo[5.3.0....	13.29	10.0	ug/L	604090	3	11.48	3022190	50.0
Naphthalene, 1,2,...	13.40	2.5	ug/L	153624	3	11.48	3022190	50.0
Benzene, (3-methy...	13.45	7.3	ug/L	441894	3	11.48	3022190	50.0
1H-Indene, 2,3-di...	13.58	3.5	ug/L	210595	3	11.48	3022190	50.0
Benzene, (2-methy...	13.60	9.9	ug/L	597177	3	11.48	3022190	50.0
Azulene	13.74	9.9	ug/L	596277	3	11.48	3022190	50.0
Naphthalene, 1-me...	14.87	29.5	ug/L	1783920	3	11.48	3022190	50.0