LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

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\SOMULM101919WMA.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	1.617	75	86	101	rBV	420896	463017	16.60%	1.374%
2	1.703	107	113	124	rVB	15727	19847	0.71%	0.059%
3	1.790	133	140	152	rBV2	13903	21121	0.76%	0.063%
4	1.932	175	184	203	rVB	323717	438687	15.73%	1.302%
5	2.594	378	390	405	rBV	596390	988365	35.44%	2.934%
6	2.671	405	414	427	rVB	67967	117270	4.20%	0.348%
7	2.819	453	460	470	rVB4	4700	8457	0.30%	0.025%
8	3.086	527	543	564	rBV	211625	416530	14.93%	1.236%
9	3.237	577	590	603	rVB2	22311	51987	1.86%	0.154%
10	4.697	1027	1044	1061	rBV	263169	638642	22.90%	1.896%
11	4.777	1064	1069	1086	rVB	20296	43737	1.57%	0.130%
12	5.115	1155	1174	1196	rBV	478506	1075180	38.55%	3.191%
13	5.430	1259	1272	1286	rVB	5537	14947	0.54%	0.044%
14	5.504	1286	1295	1310	rVB8	1974	5233	0.19%	0.016%
15	5.639	1325	1337	1346	rVB8	2948	5792	0.21%	0.017%
16	5.771	1356	1378	1409	rBV2	1055863	2789056	100.00%	8.278%
17	6.173	1491	1503	1512	rBV2	3234	6251	0.22%	0.019%
18	6.292	1526	1540	1577	rBV	823742	1592840	57.11%	4.728%
19	6.568	1614	1626	1637	rBV	5871	14292	0.51%	0.042%
20	6.735	1662	1678	1698	rBV	638877	1265254	45.36%	3.755%
21	7.295	1842	1852	1864	rVB8	3936	7888	0.28%	0.023%
22	7.417	1878	1890	1891	rBV5	4868	6086	0.22%	0.018%
23	7.533	1918	1926	1933	rBV9	3308	5418	0.19%	0.016%
24	7.604	1934	1948	1970	rBV	365474	659224	23.64%	1.957%
25	7.845	2014	2023	2033	rBV2	8506	15575	0.56%	0.046%
26	7.935	2037	2051	2067	rVV	1304418	2257827	80.95%	6.701%
27	8.002	2067	2072	2085	rVB2	24389	44496	1.60%	0.132%
28	8.214	2126	2138	2172	rVV	249049	450692	16.16%	1.338%
29	8.681	2267	2283	2326	rBV	632961	1422162	50.99%	4.221%
30	8.825	2326	2328	2341	rVV	6095	10642	0.38%	0.032%
31	8.896	2344	2350	2356	rVV8	3382	5121	0.18%	0.015%
32	8.957	2360	2369	2375	rVV8	3613	6243	0.22%	0.019%
33	9.147	2420	2428	2436	rBV5	3404	5975	0.21%	0.018%
34	9.198	2436	2444	2448	rBV7	4900	6849	0.25%	0.020%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

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\SOMULM101919WMA.M
Title : VOC Analysis

35	9.240	2450	2457	2468	rVB3	12257	20374	0.73%	0.060%
36	9.362	2486	2495	2502	rBV2	9690	14870	0.53%	0.044%
37	9.449	2507	2522	2557	rBV	1161377	2007147	71.97%	5.957%
38	9.600	2557	2569	2587	rBV	182188	298553	10.70%	0.886%
39	9.722	2595	2607	2618	rBV	447024	756933	27.14%	2.247%
40	10.047	2697	2708	2720	rBV8	10996	25845	0.93%	0.077%
41	10.131	2720	2734	2750	rBV	511962	831743	29.82%	2.469%
42	10.275	2765	2779	2793	rBV5	20648	45330	1.63%	0.135%
43	10.382	2804	2812	2818	rBV6	12688	21684	0.78%	0.064%
44	10.513	2840	2853	2863	rBV	73296	118285	4.24%	0.351%
45	10.581	2863	2874	2883	rBV7	12488	25282	0.91%	0.075%
46	10.648	2889	2895	2899	rBV3	11476	13950	0.50%	0.041%
47	10.677	2899	2904	2917	rVB3	16661	25785	0.92%	0.077%
48	10.787	2926	2938	2964	rVB	848153	1431709	51.33%	4.249%
49	10.935	2973	2984	2994	rBV	130549	214123	7.68%	0.636%
50	11.025	3001	3012	3029	rBV	305328	725870	26.03%	2.154%
51	11.118	3031	3041	3064	rVB2	254117	570879	20.47%	1.694%
52	11.269	3080	3088	3093	rBV4	13170	19664	0.71%	0.058%
53	11.320	3093	3104	3122	rVB	275364	453726	16.27%	1.347%
54	11.439	3134	3141	3147	rBV3	20364	28211	1.01%	0.084%
55	11.497	3147	3159	3177	rVB	1005011	1614392	57.88%	4.792%
56	11.597	3181	3190	3198	rBV2	49317	82046	2.94%	0.244%
57	11.668	3207	3212	3222	rVB2	24871	38763	1.39%	0.115%
58	11.735	3223	3233	3238	rBV5	26981	48448	1.74%	0.144%
59	11.771	3238	3244	3252	rVV2	41716	62375	2.24%	0.185%
60	11.841	3253	3266	3280	rVV	1031936	1793449	64.30%	5.323%
61	11.922	3280	3291	3316	rVB	410439	665561	23.86%	1.975%
62	12.121	3341	3353	3371	rBV3	287980	562930	20.18%	1.671%
63	12.221	3371	3384	3403	rVB2	1294291	2364337	84.77%	7.017%
64	12.346	3410	3423	3432	rBV7	52659	102288	3.67%	0.304%
65	12.404	3433	3441	3456	rVB	52015	93717	3.36%	0.278%
66	12.491	3458	3468	3472	rBV	91357	133497	4.79%	0.396%
67	12.523	3473	3478	3488	rVV	88325	132877	4.76%	0.394%
68	12.597	3491	3501	3509	rVV	140507	219180	7.86%	0.651%
69	12.639	3509	3514	3523	rVB2	24214	32941	1.18%	0.098%
70	12.709	3525	3536	3556	rVB3	90730	198798	7.13%	0.590%
71	12.899	3588	3595	3605	rVB2	51704	81925	2.94%	0.243%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

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\SOMULM101919WMA.M
Title : VOC Analysis

72	12.951	3606	3611	3615	rBV	9647	12293	0.44%	0.036%
73	12.996	3615	3625	3633	rVV2	119879	185463	6.65%	0.550%
74	13.050	3633	3642	3658	rVB	178216	292165	10.48%	0.867%
75	13.134	3661	3668	3671	rBV5	13895	18995	0.68%	0.056%
76	13.192	3682	3686	3692	rVB2	8629	9117	0.33%	0.027%
77	13.317	3716	3725	3737	rVB	99084	155246	5.57%	0.461%
78	13.378	3737	3744	3751	rVB4	8552	12237	0.44%	0.036%
79	13.430	3752	3760	3764	rBV3	15075	23131	0.83%	0.069%
80	13.478	3765	3775	3789	rVV2	264728	466302	16.72%	1.384%
81	13.545	3789	3796	3803	rVV5	21212	32656	1.17%	0.097%
82	13.584	3803	3808	3814	rVB2	9249	11622	0.42%	0.034%
83	13.652	3819	3829	3844	rVB4	71318	130838	4.69%	0.388%
84	13.767	3854	3865	3872	rBV9	19741	44315	1.59%	0.132%
85	13.809	3873	3878	3886	rVV2	26180	42039	1.51%	0.125%
86	13.861	3886	3894	3909	rVV5	42359	100063	3.59%	0.297%
87	13.938	3913	3918	3921	rVV4	14116	19556	0.70%	0.058%
88	13.963	3922	3926	3943	rVB3	28319	61778	2.22%	0.183%
89	14.111	3959	3972	3992	rVB	529880	863952	30.98%	2.564%
90	14.230	3996	4009	4018	rVB4	19961	44004	1.58%	0.131%
91	14.311	4024	4034	4045	rBV7	27987	50376	1.81%	0.150%
92	14.369	4046	4052	4061	rVB4	12122	19055	0.68%	0.057%
93	14.510	4085	4096	4112	rBV2	27733	48555	1.74%	0.144%
94	14.693	4144	4153	4166	rBV5	26859	59541	2.13%	0.177%
95	14.832	4190	4196	4208	rVB2	10701	17444	0.63%	0.052%
96	14.899	4209	4217	4228	rVB4	16895	29840	1.07%	0.089%
97	15.044	4255	4262	4271	rVB9	7867	14195	0.51%	0.042%
98	15.246	4317	4325	4334	rVB	42115	62169	2.23%	0.185%
99	15.433	4374	4383	4393	rBV	58979	94263	3.38%	0.280%
100	16.430	4688	4693	4701	rBV5	9496	12745	0.46%	0.038%

Sum of corrected areas: 33692145

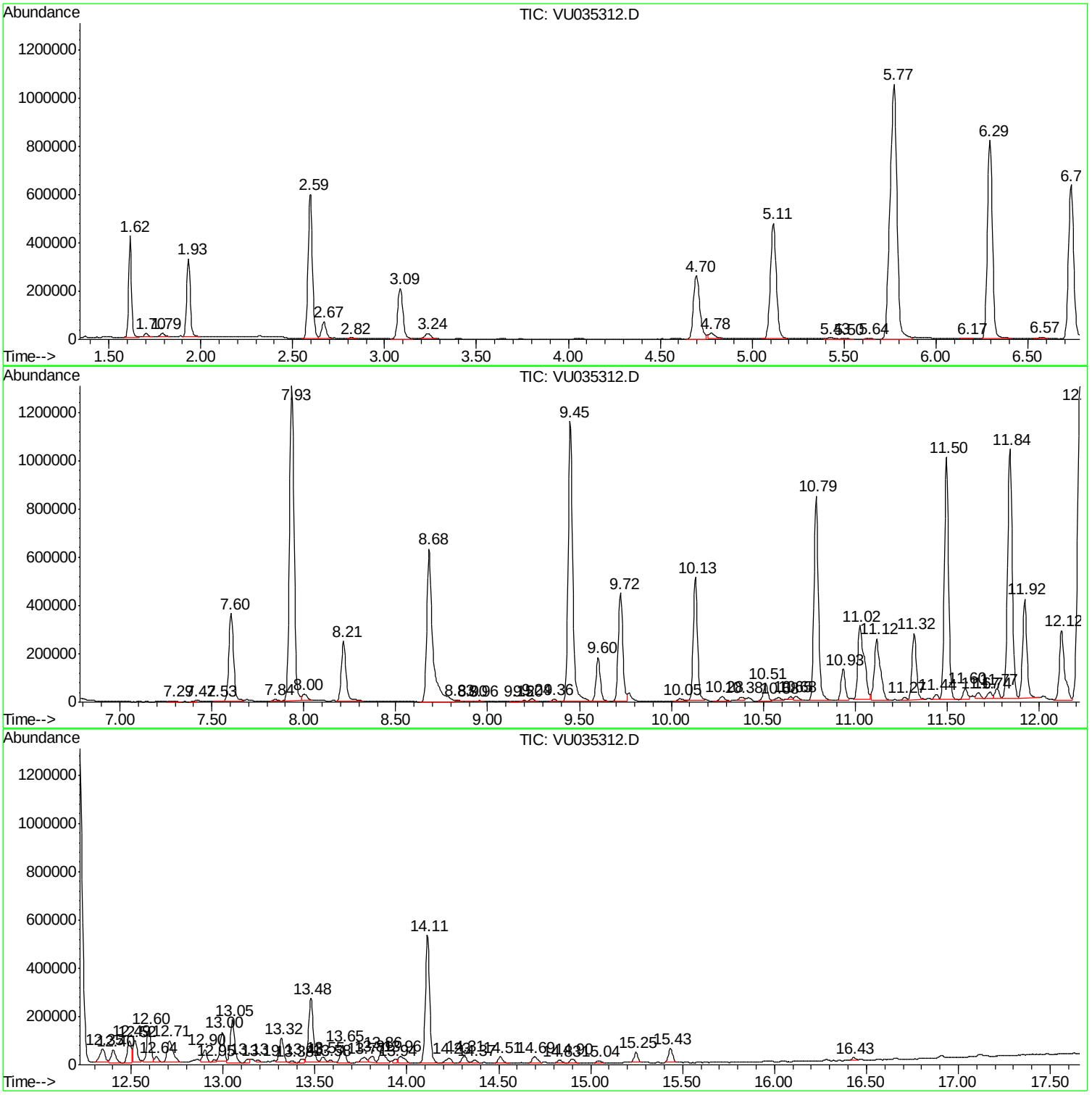
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.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\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

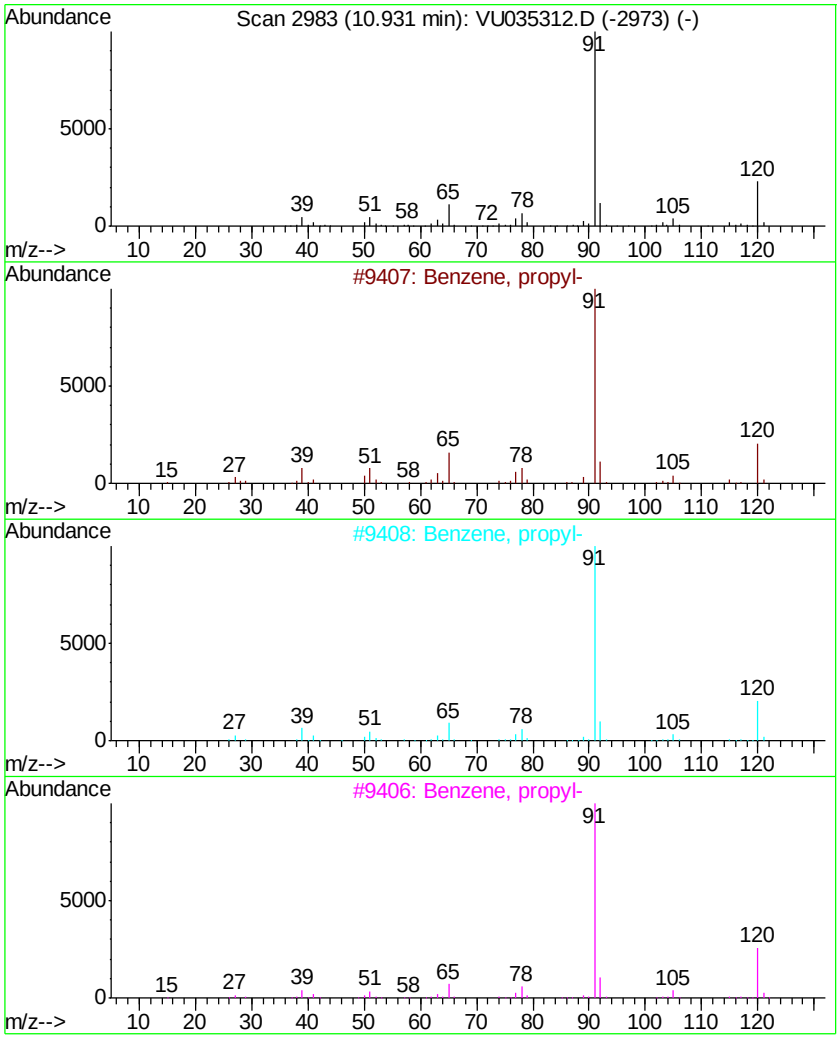
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

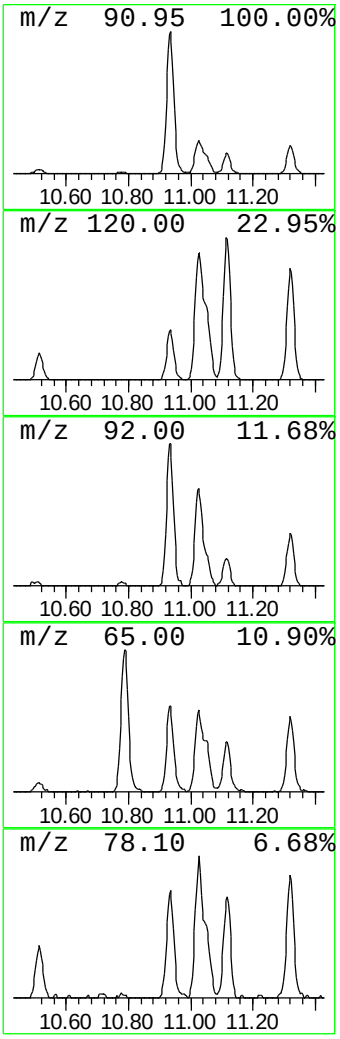
****

Peak Number 2 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	5.97 ug/L	214123	1,4-Dichlorobenzene-d4	11.84

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	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

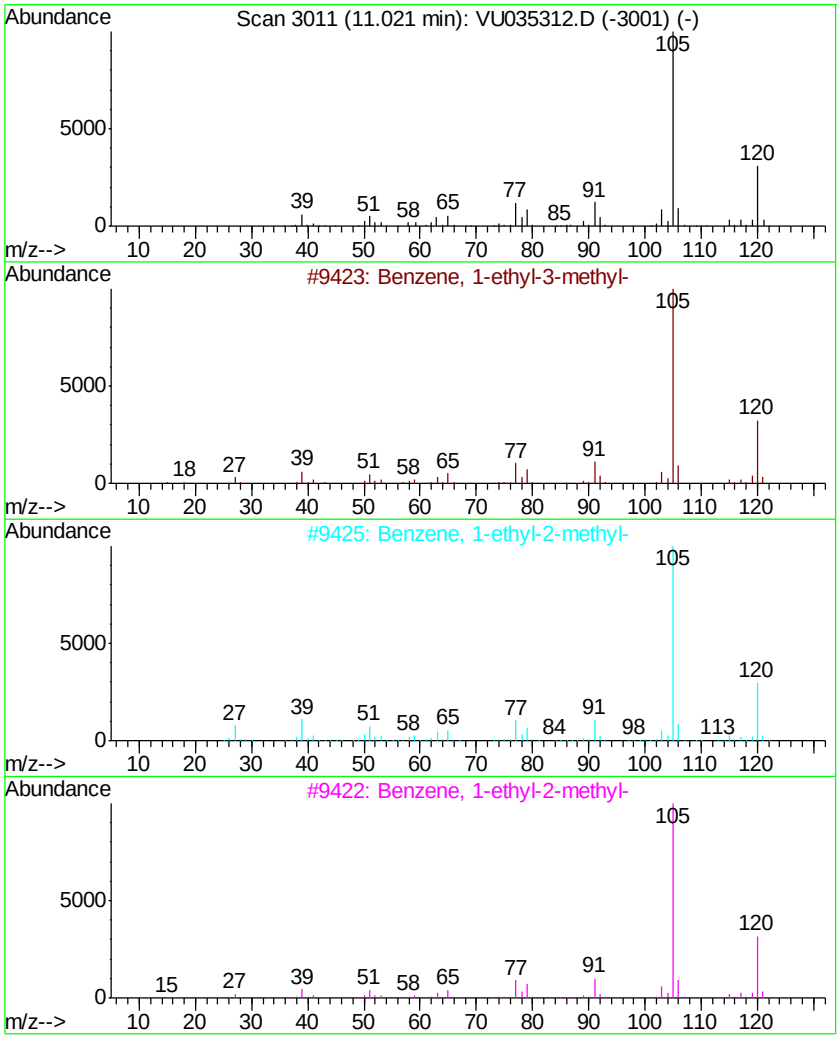
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

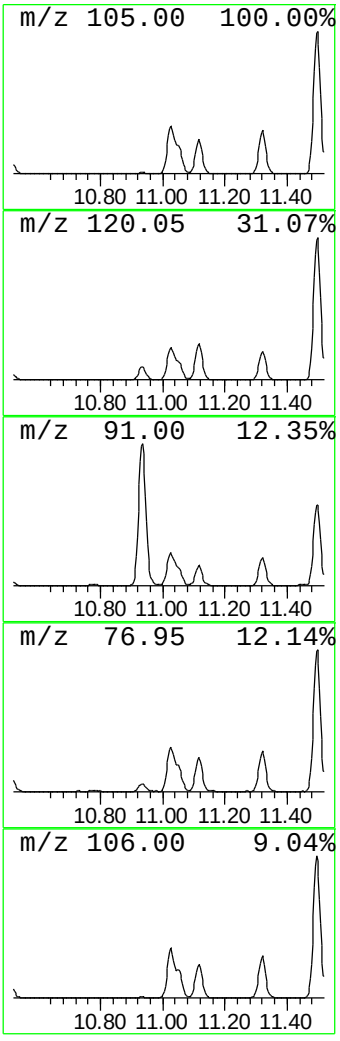
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	20.24 ug/L	725870	1,4-Dichlorobenzene-d4	11.84

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

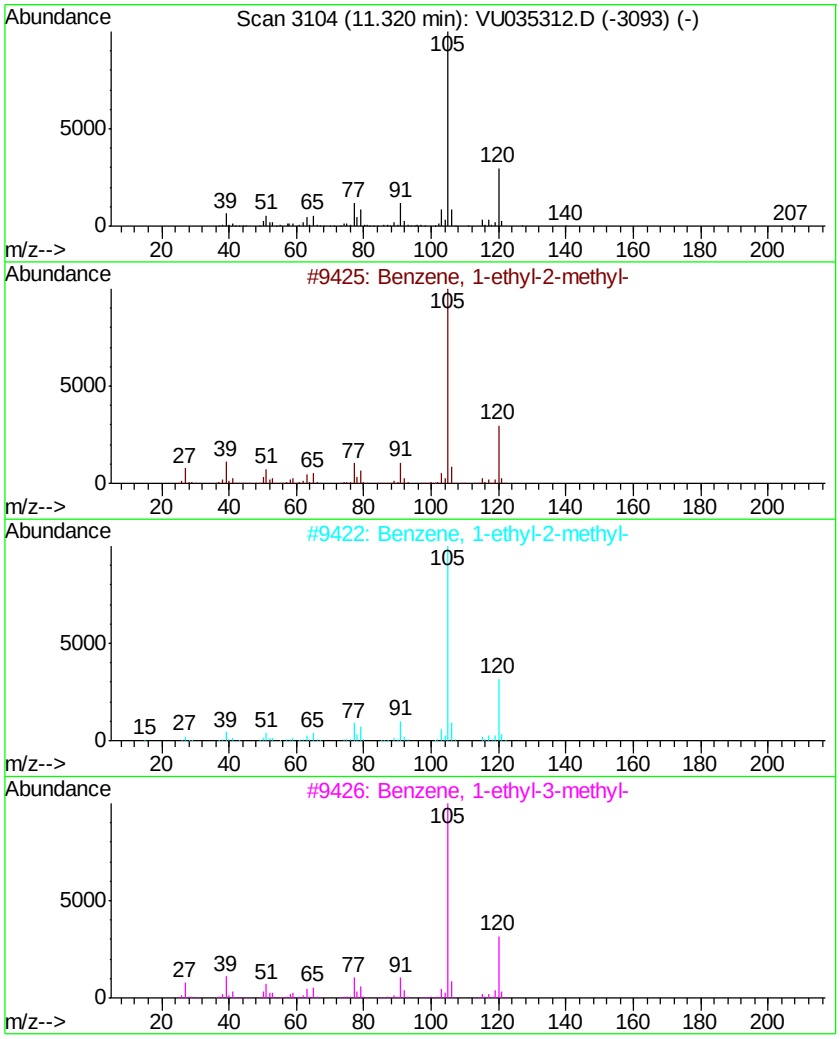
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

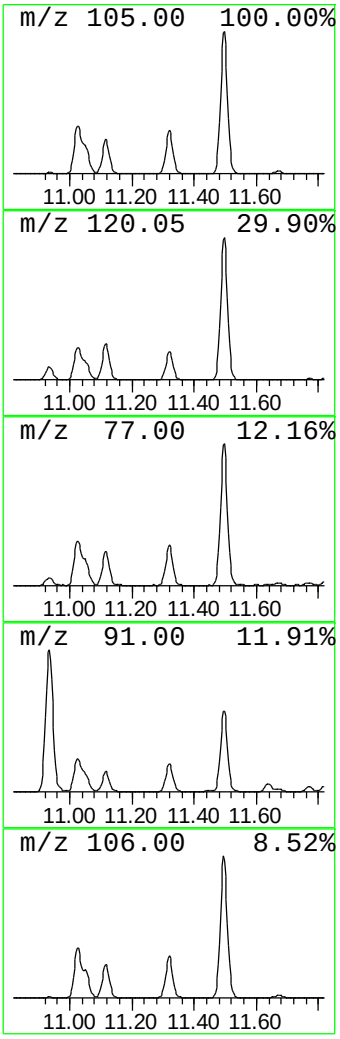
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	12.65 ug/L	453726	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

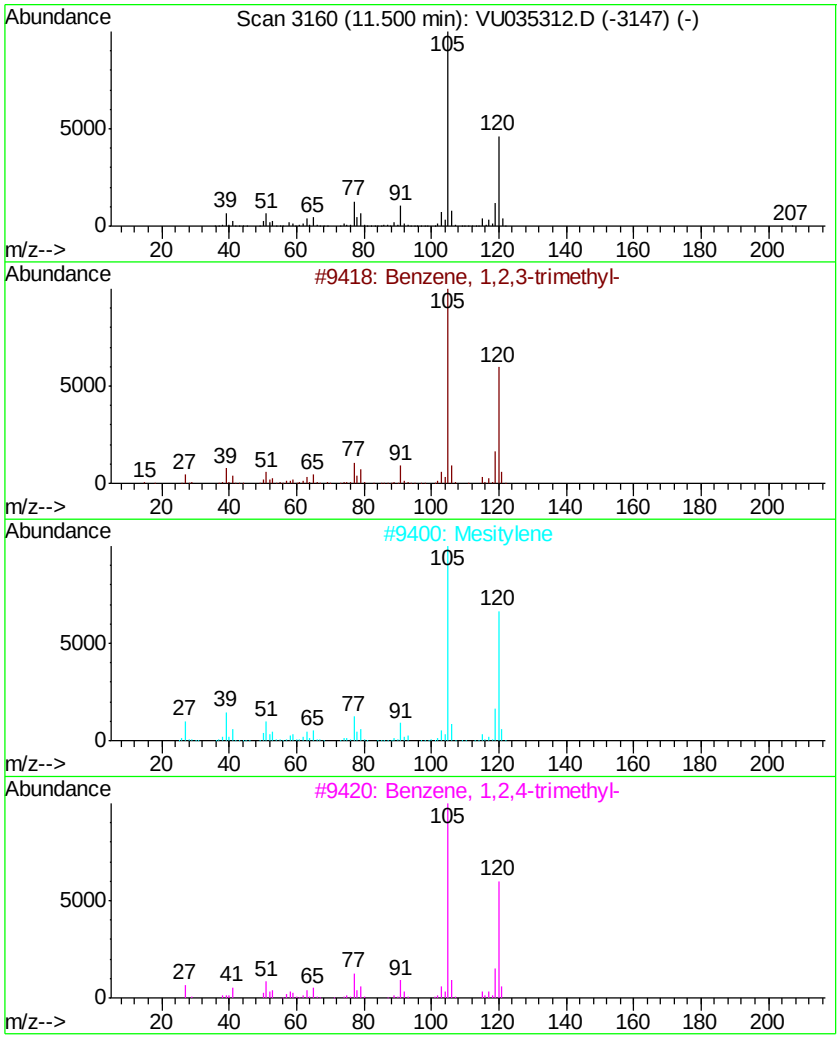
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

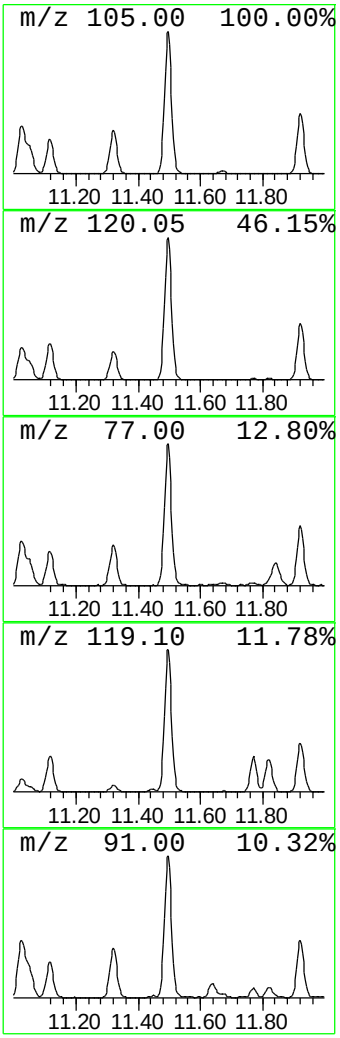
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	45.01 ug/L	1614390	1,4-Dichlorobenzene-d4	11.84

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

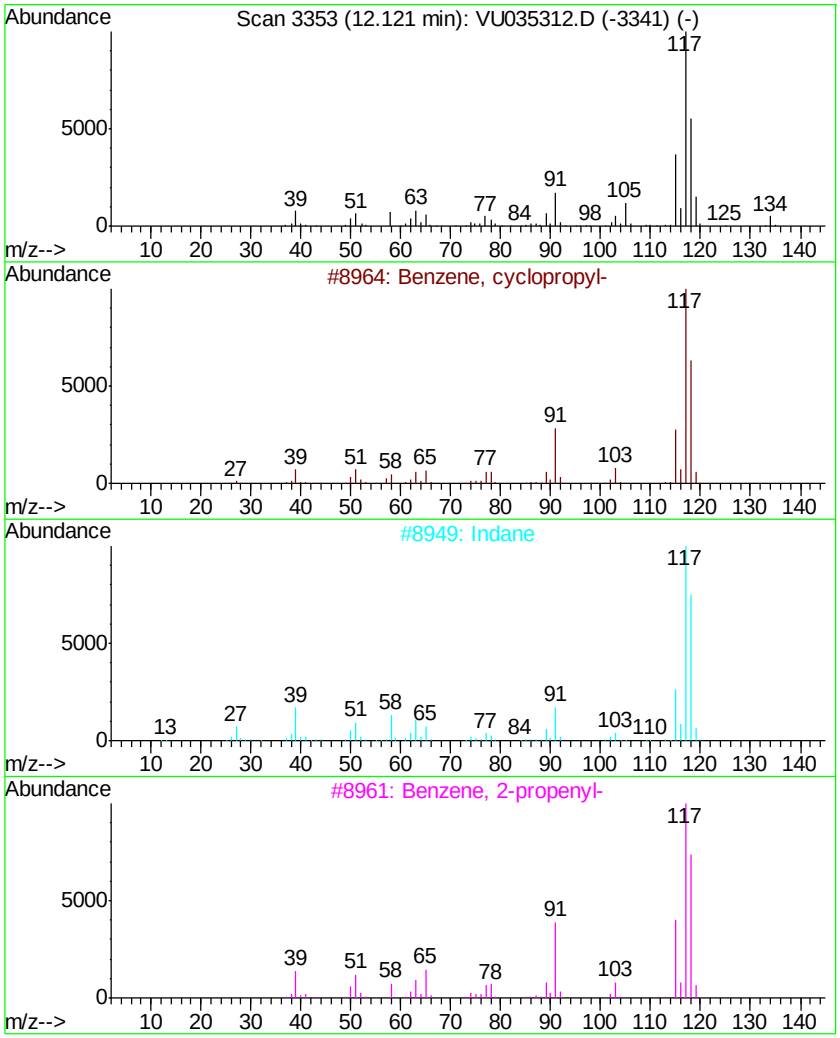
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

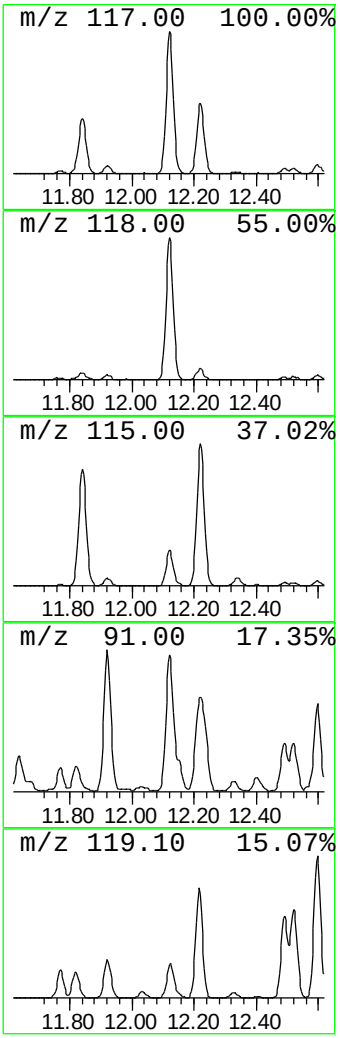
****

Peak Number 8 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	15.69 ug/L	562930	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
5	Indane	118	C9H10	000496-11-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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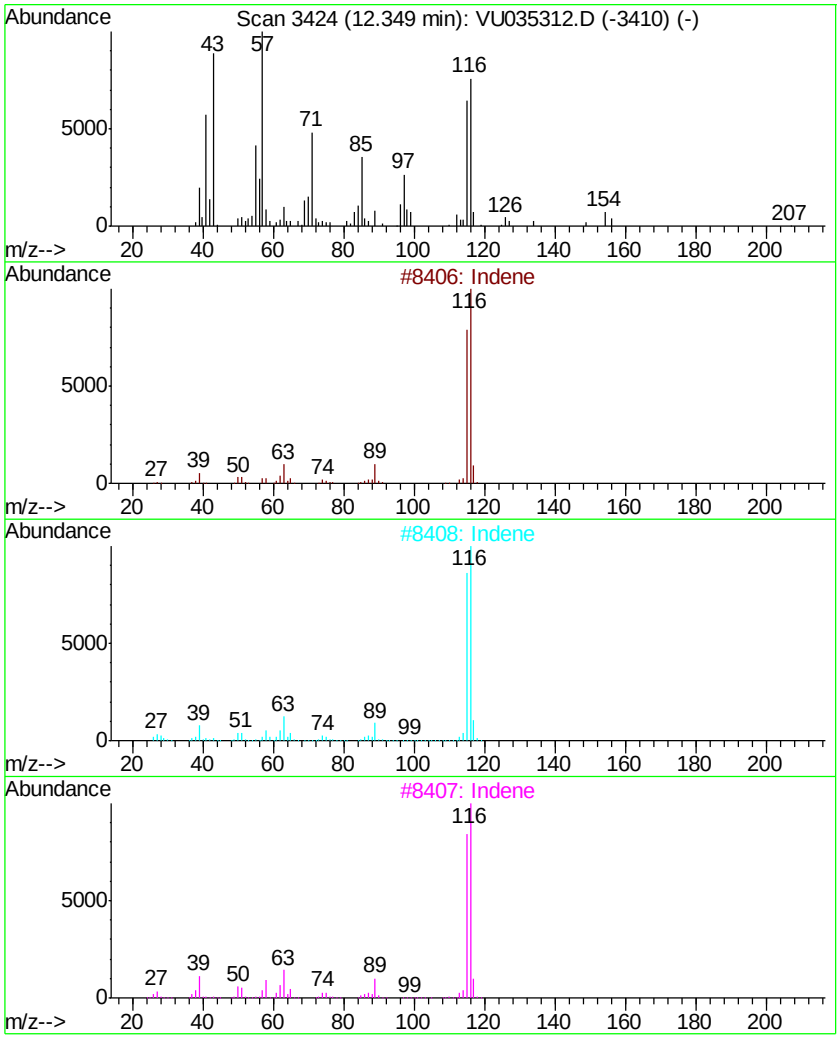
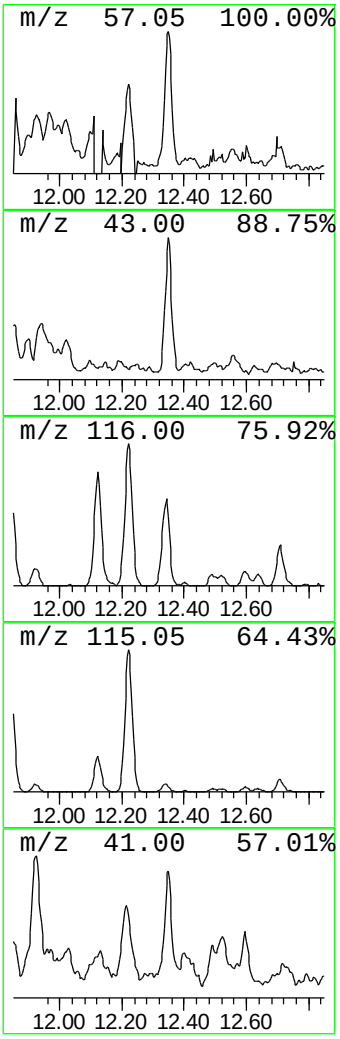
Peak Number 9 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.85 ug/L	102288	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	64
2	Indene	116	C9H8	000095-13-6	64
3	Indene	116	C9H8	000095-13-6	64
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	30
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	25





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Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

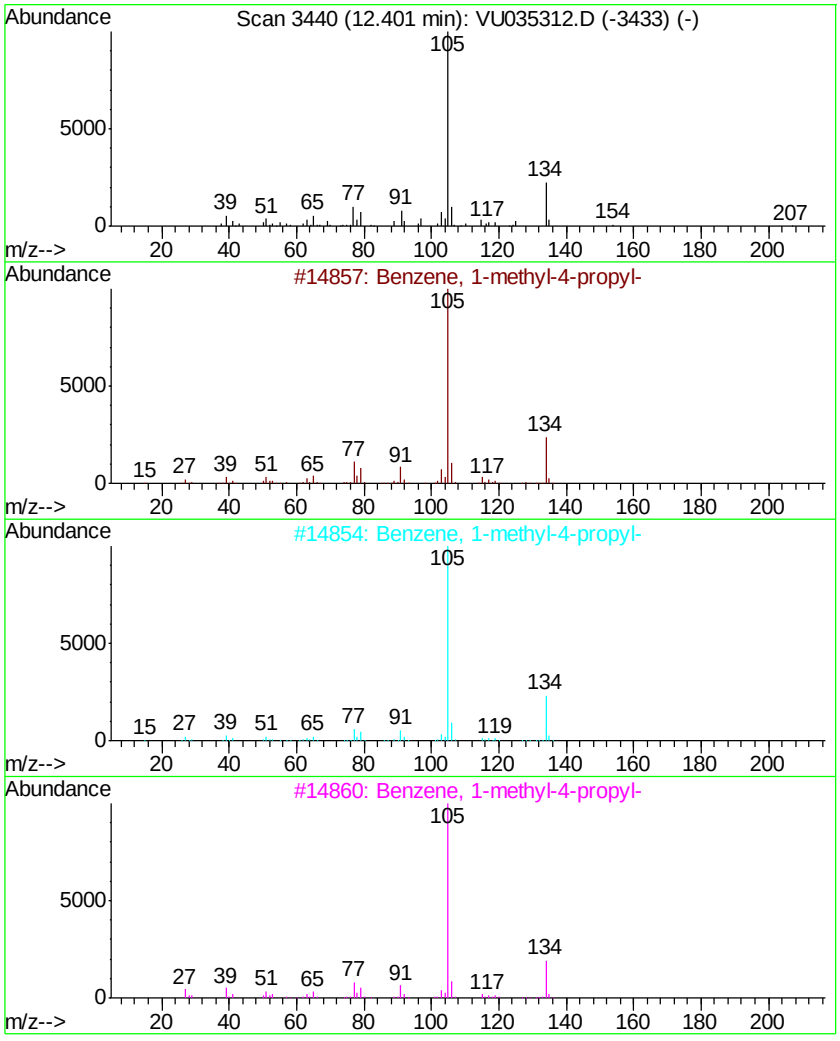
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

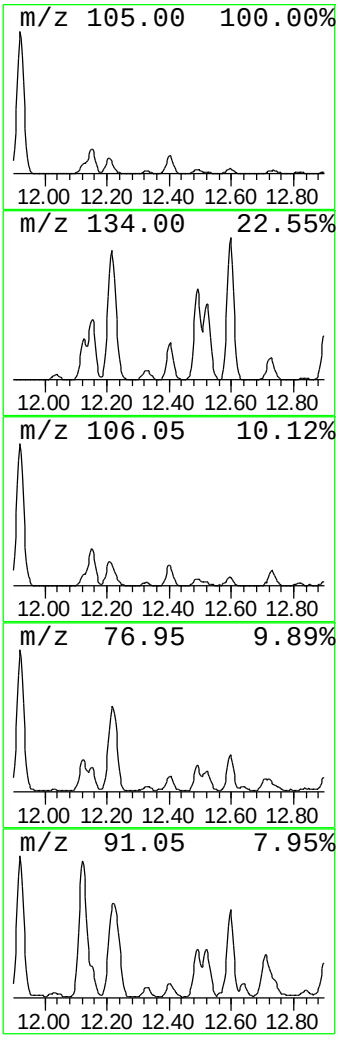
****

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.61 ug/L	93717	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83





Library Search Compound Report

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Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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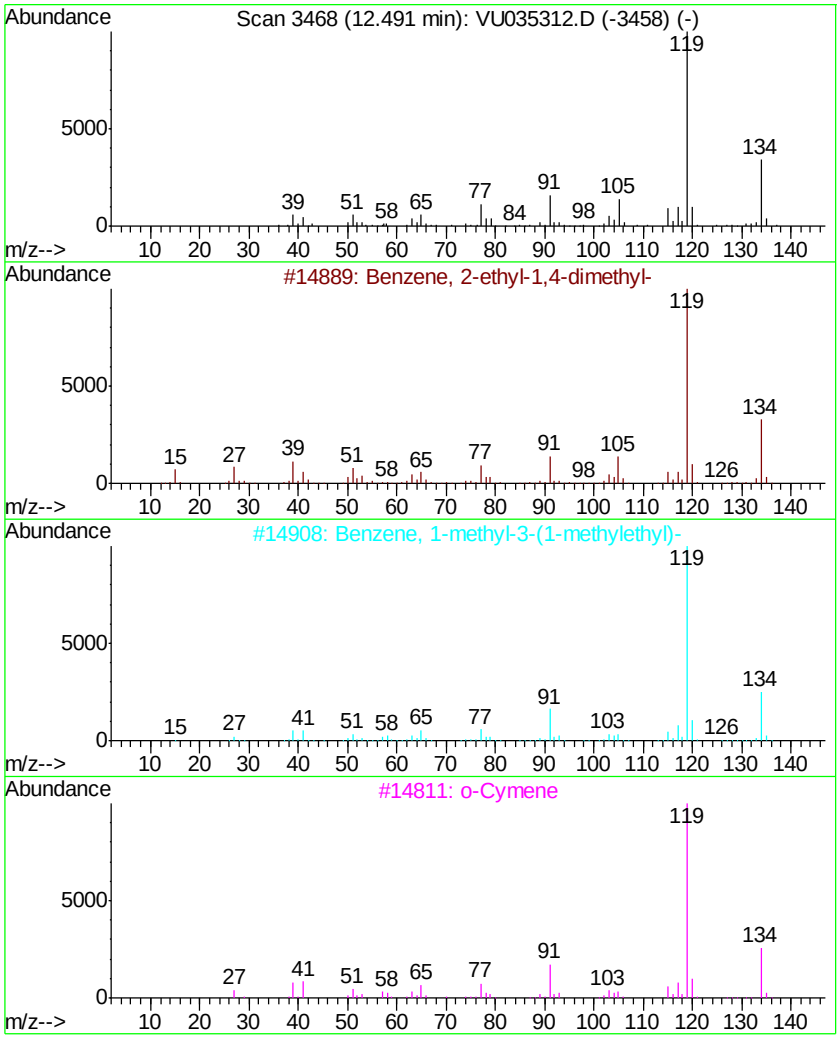
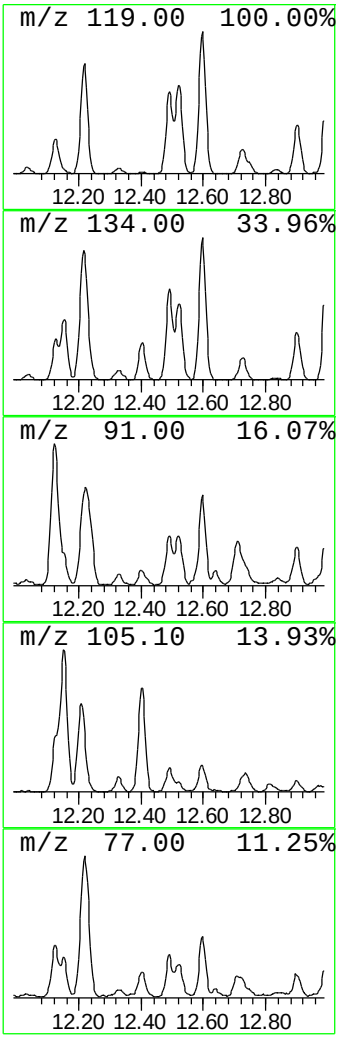
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.72 ug/L	133497	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

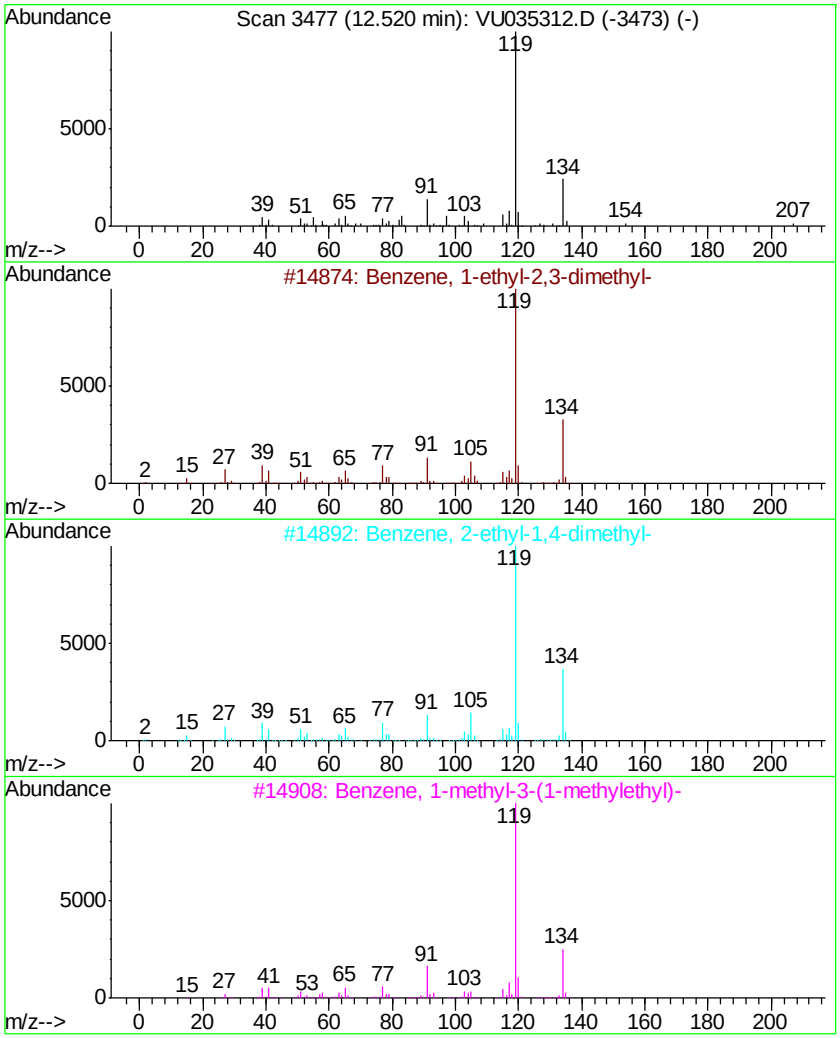
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

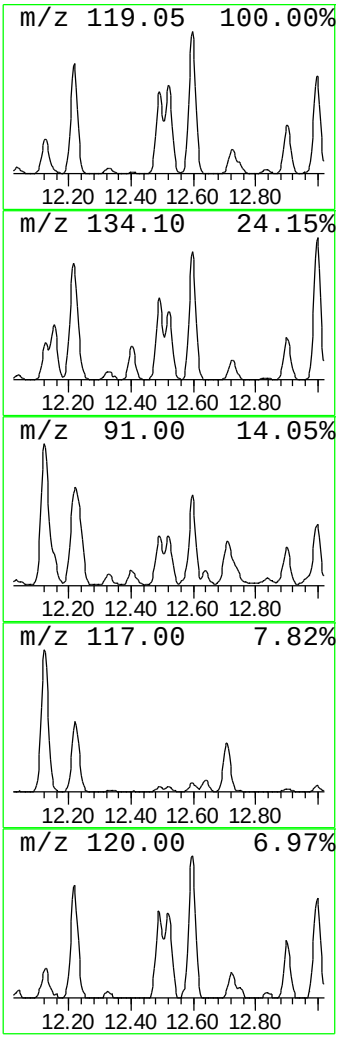
****

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.70 ug/L	132877	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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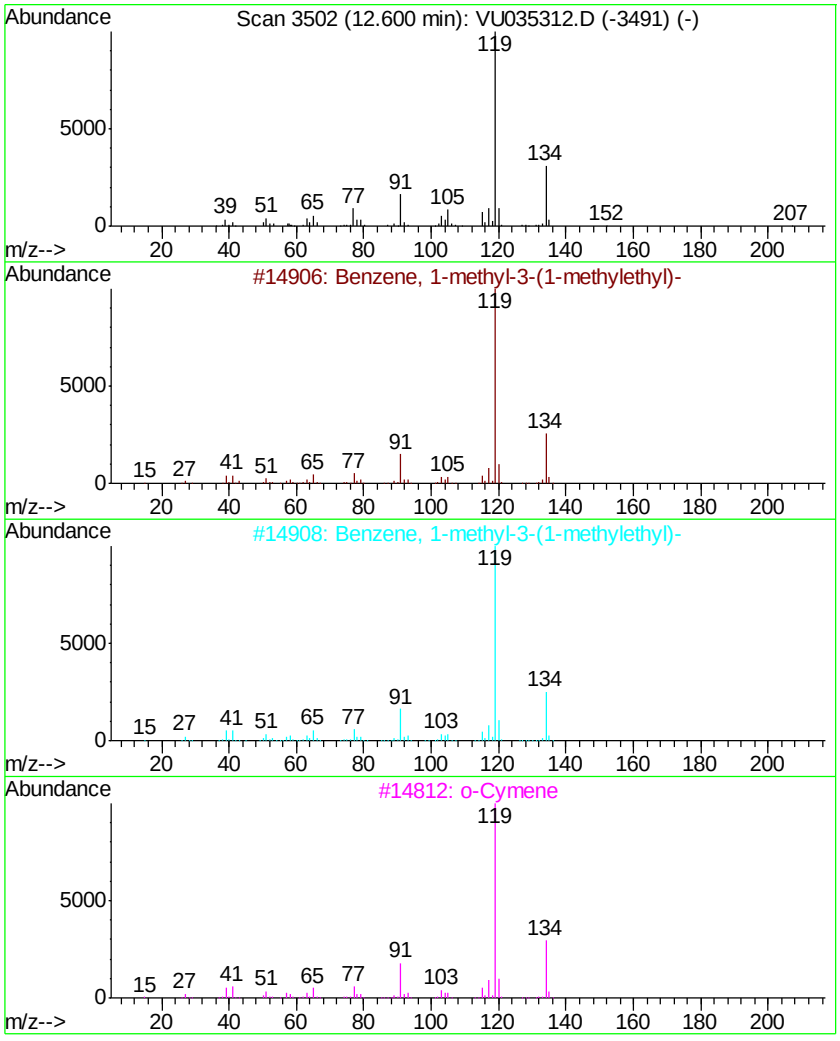
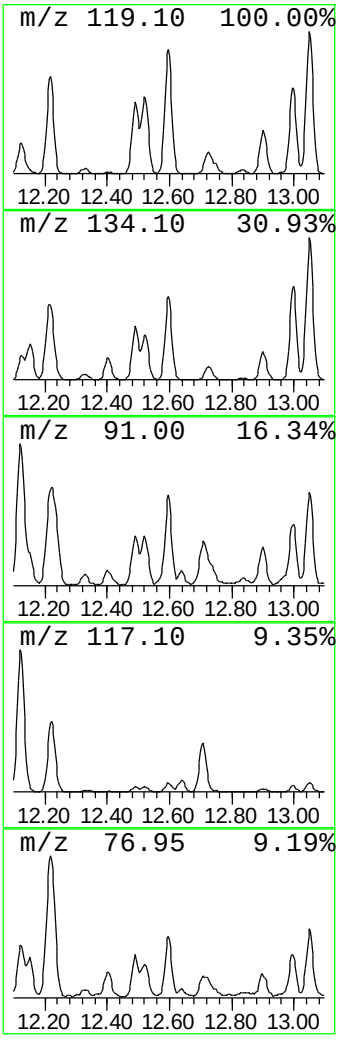
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.11 ug/L	219180	1,4-Dichlorobenzene-d4	11.84

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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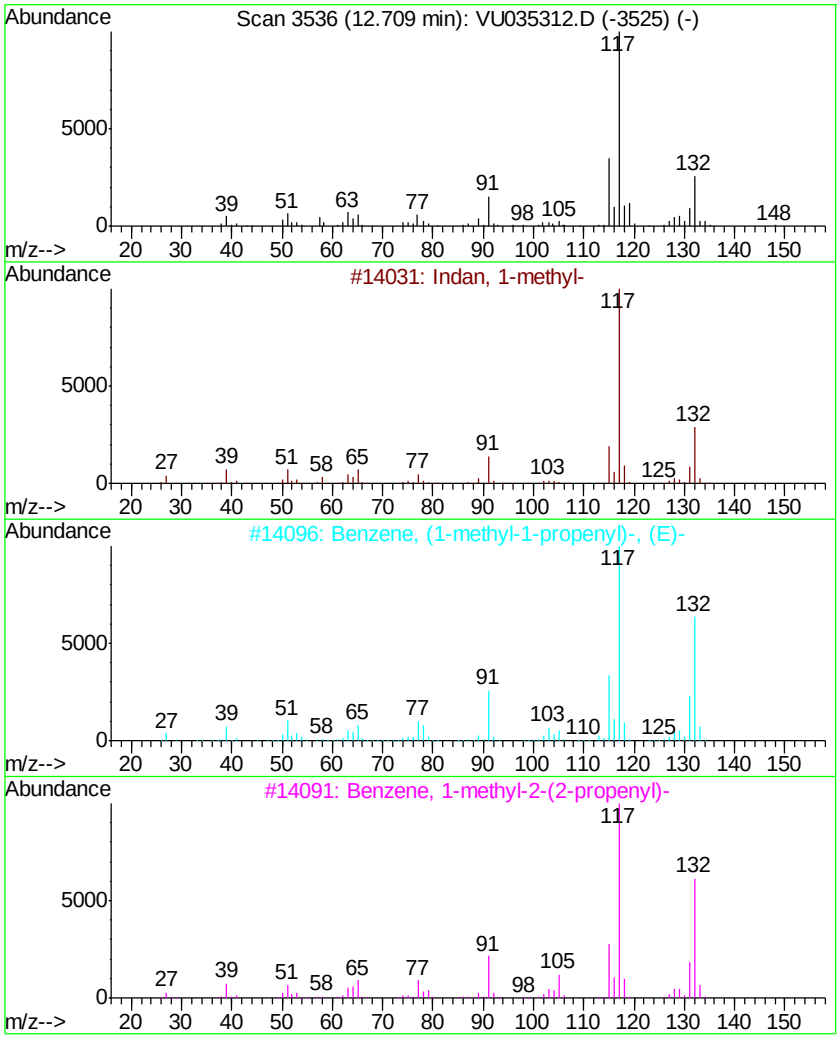
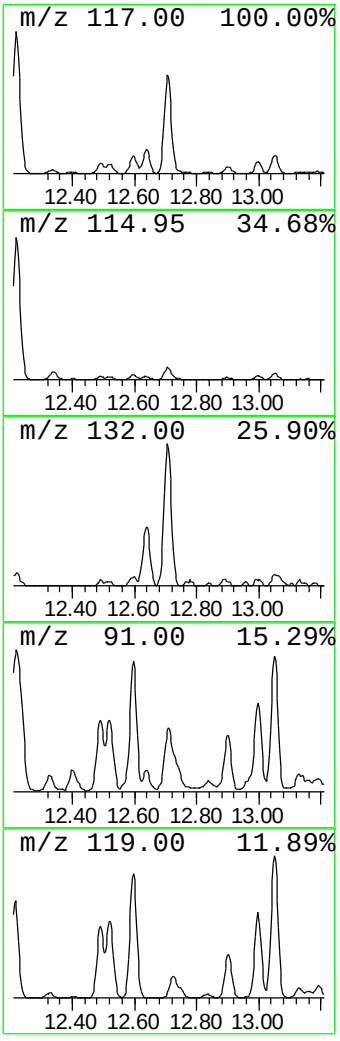
Peak Number 14 Indan, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	5.54 ug/L	198798	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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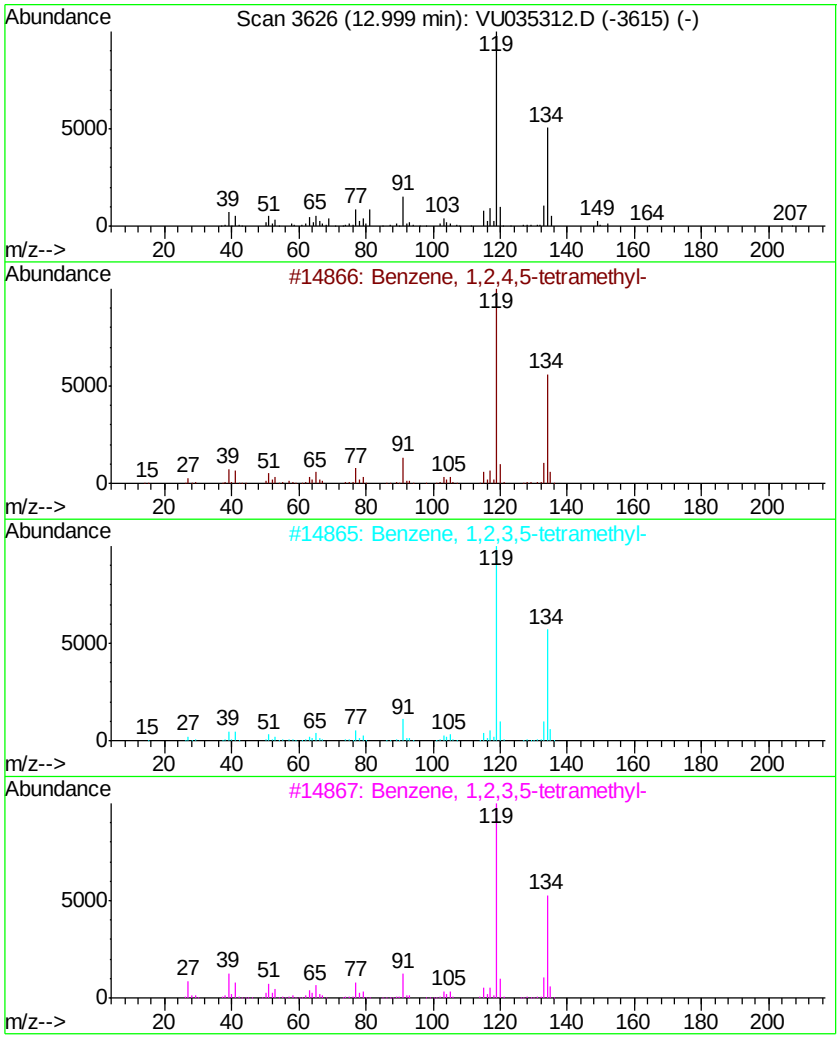
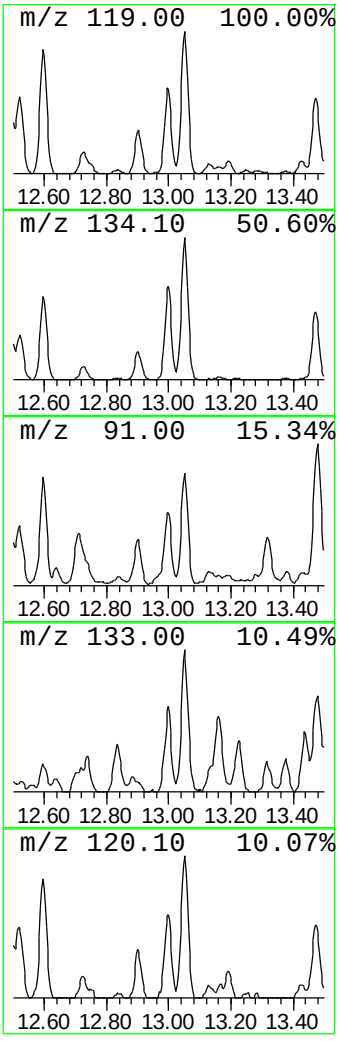
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.17 ug/L	185463	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





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Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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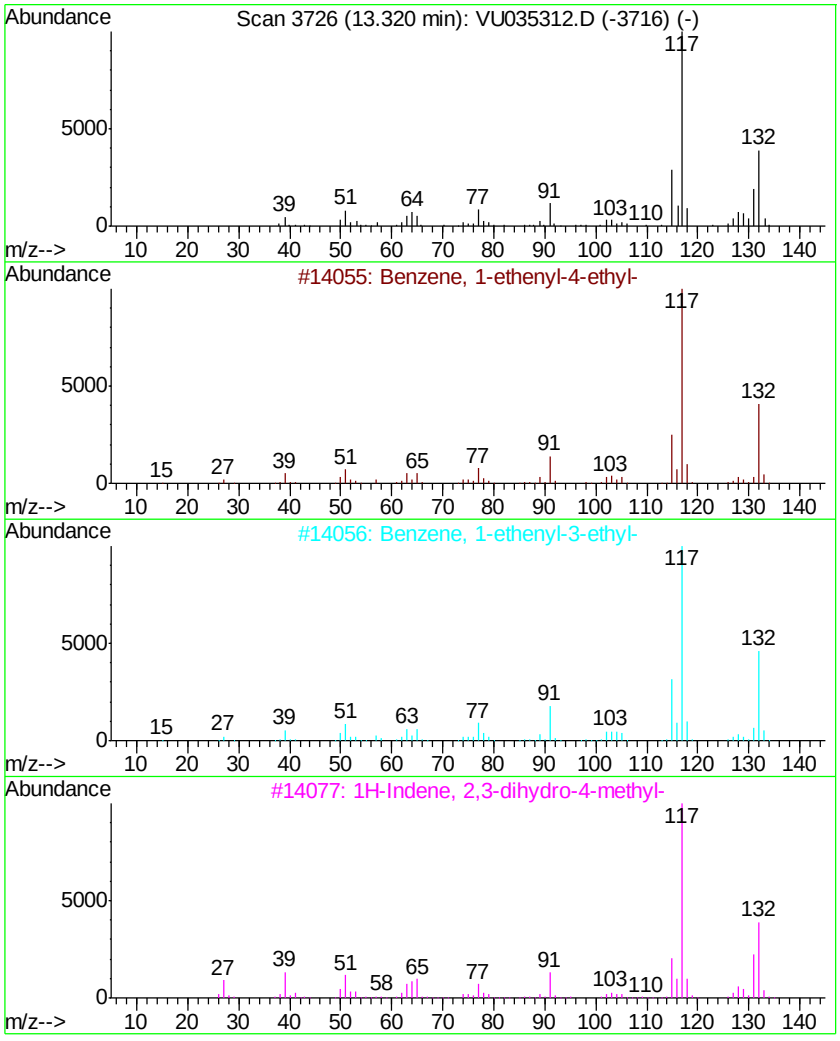
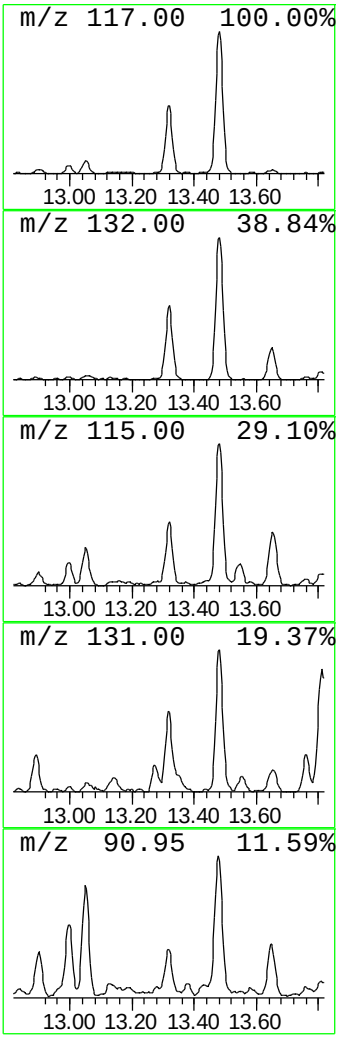
Peak Number 17 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	4.33 ug/L	155246	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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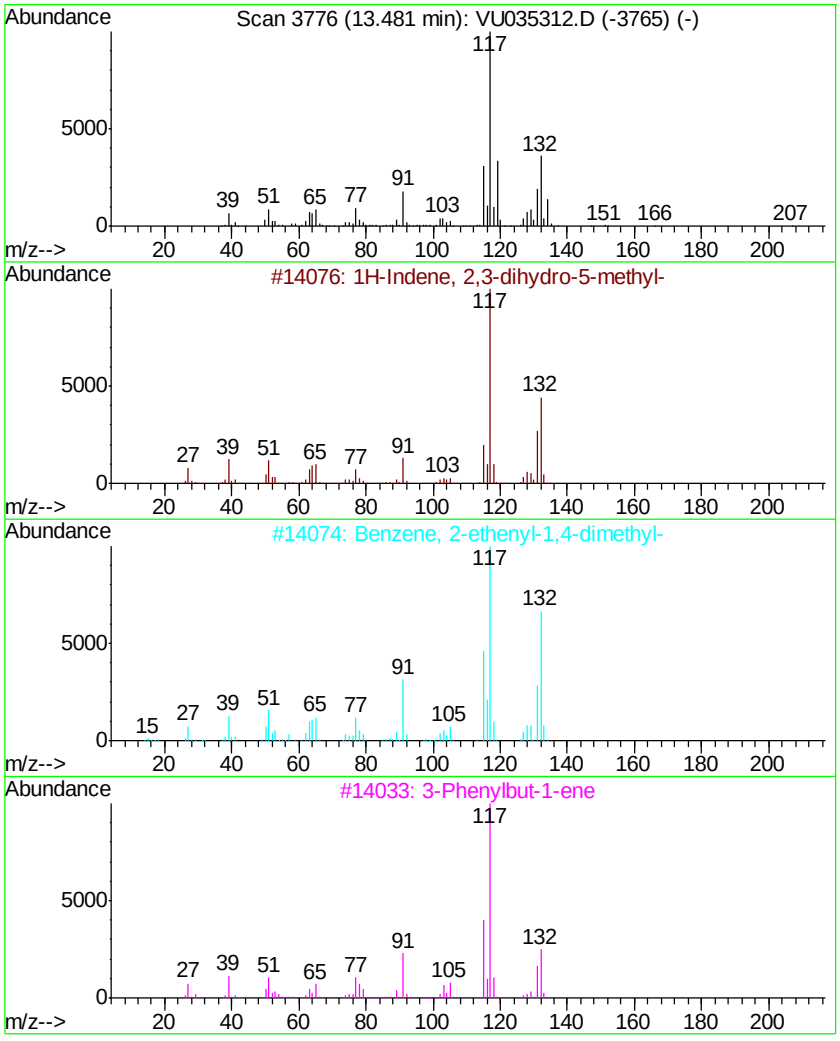
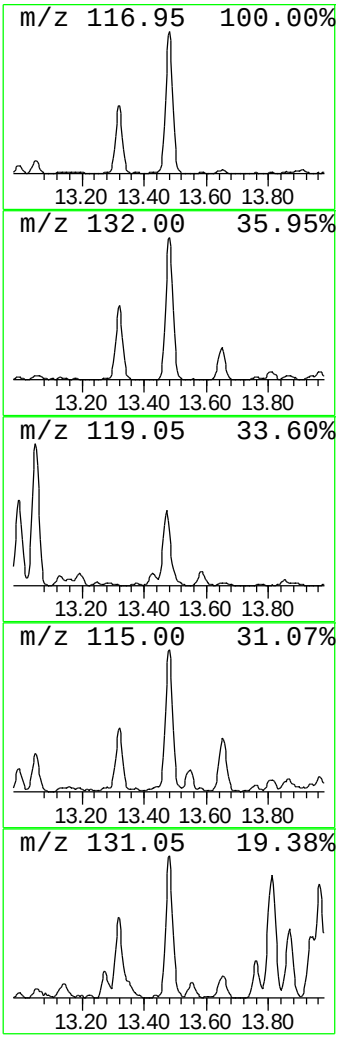
Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	13.00 ug/L	466302	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





Library Search Compound Report

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Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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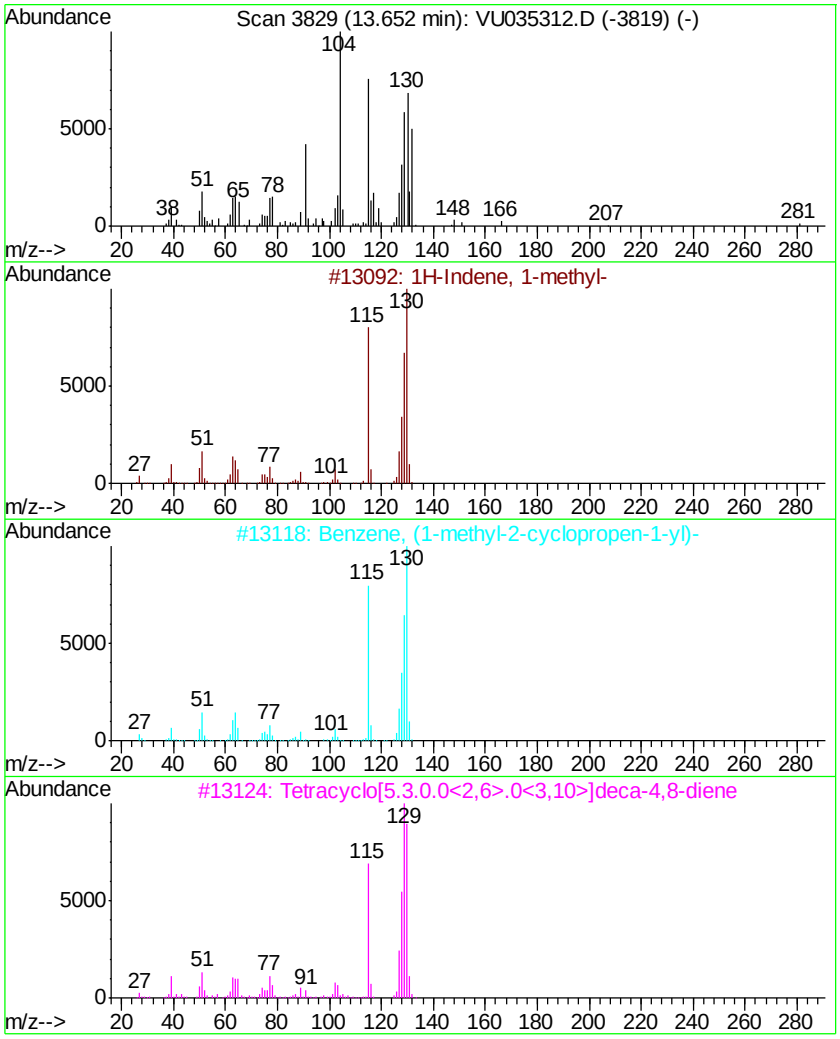
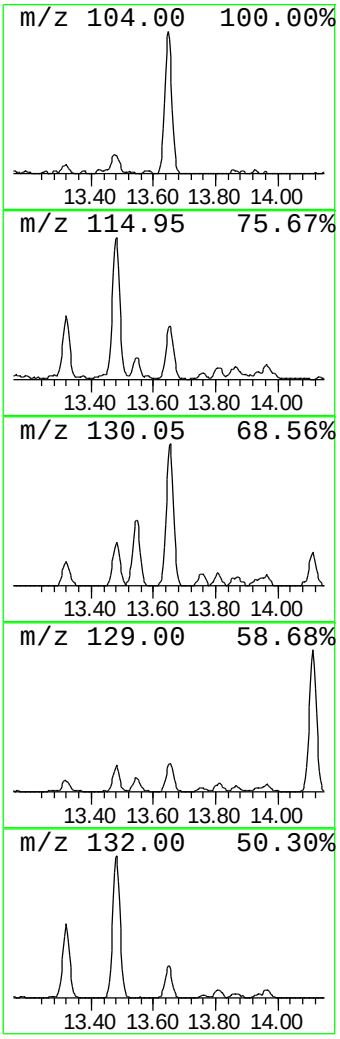
Peak Number 19 1H-Indene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.65 ug/L	130838	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87
3	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	86
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	84
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

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

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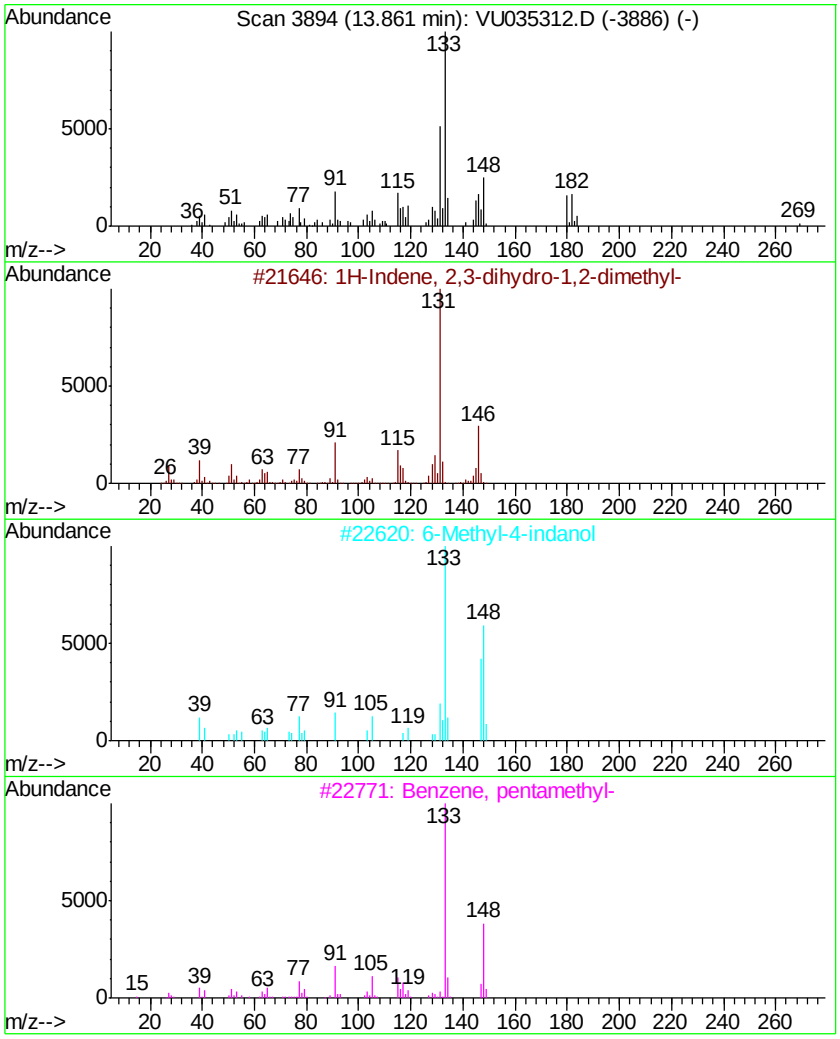
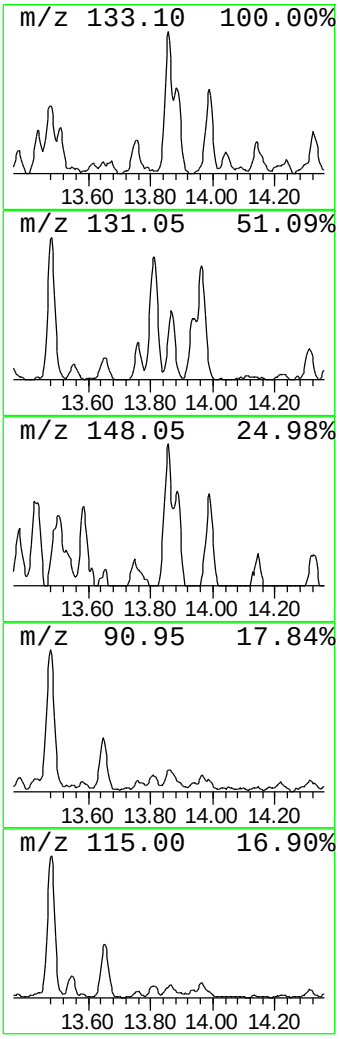
Peak Number 20 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.79 ug/L	100063	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
2	6-Methyl-4-indanol	148	C10H12O	020294-32-0	53
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	47
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis

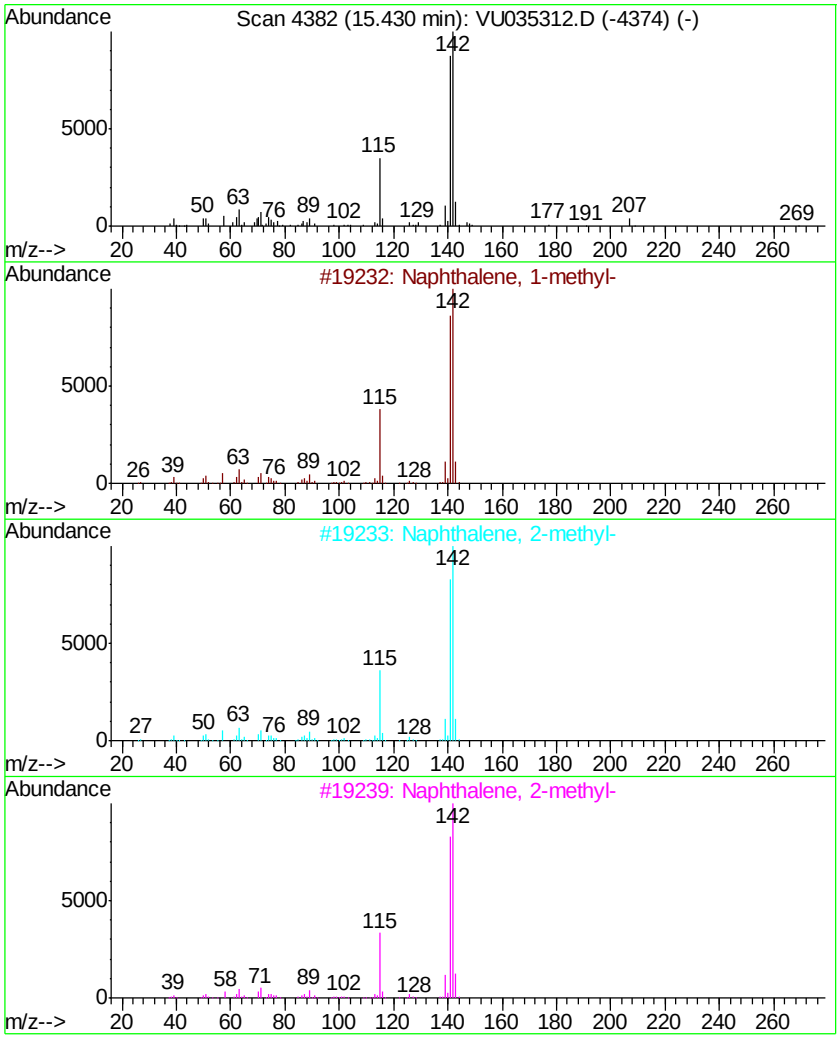
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

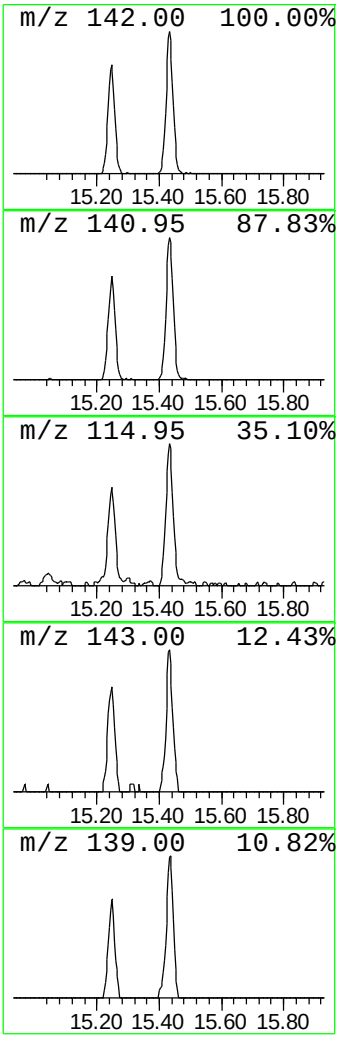
****

Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.63 ug/L	94263	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
Data File : VU035312.D
Acq On : 19 Oct 2019 12:41
Operator : JC/SP
Sample : K5344-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF6L5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.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
Benzene, propyl-	10.93	6.0	ug/L	214123	3	11.84	1793450	50.0
Benzene, 1-ethyl-...	11.02	20.2	ug/L	725870	3	11.84	1793450	50.0
Benzene, 1-ethyl-...	11.32	12.7	ug/L	453726	3	11.84	1793450	50.0
Benzene, 1,2,3-tr...	11.50	45.0	ug/L	1614390	3	11.84	1793450	50.0
Benzene, cyclopro...	12.12	15.7	ug/L	562930	3	11.84	1793450	50.0
Indene	12.35	2.9	ug/L	102288	3	11.84	1793450	50.0
Benzene, 1-methyl...	12.40	2.6	ug/L	93717	3	11.84	1793450	50.0
Benzene, 2-ethyl-...	12.49	3.7	ug/L	133497	3	11.84	1793450	50.0
Benzene, 1-ethyl-...	12.52	3.7	ug/L	132877	3	11.84	1793450	50.0
Benzene, 1-methyl...	12.60	6.1	ug/L	219180	3	11.84	1793450	50.0
Indan, 1-methyl-	12.71	5.5	ug/L	198798	3	11.84	1793450	50.0
Benzene, 1,2,4,5-...	13.00	5.2	ug/L	185463	3	11.84	1793450	50.0
Benzene, 1-etheny...	13.32	4.3	ug/L	155246	3	11.84	1793450	50.0
1H-Indene, 2,3-di...	13.48	13.0	ug/L	466302	3	11.84	1793450	50.0
1H-Indene, 1-methyl-	13.65	3.6	ug/L	130838	3	11.84	1793450	50.0
1H-Indene, 2,3-di...	13.86	2.8	ug/L	100063	3	11.84	1793450	50.0
Naphthalene, 1-me...	15.43	2.6	ug/L	94263	3	11.84	1793450	50.0