LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

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\SOMULM091919WMA.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	1.177	21	27	38	rBV4	16004	20081	0.32%	0.042%
2	1.395	86	95	105	rBV	341411	365771	5.90%	0.757%
3	1.466	110	117	128	rBV	176380	192742	3.11%	0.399%
4	1.540	132	140	147	rBV3	36054	48155	0.78%	0.100%
5	1.672	173	181	193	rVB	279750	346887	5.60%	0.717%
6	2.257	351	363	372	rBV	509513	782734	12.63%	1.619%
7	2.305	372	378	396	rVB	185415	297121	4.79%	0.615%
8	2.685	485	496	512	rVB	170593	308260	4.97%	0.638%
9	2.810	523	535	546	rVB3	8469	19390	0.31%	0.040%
10	3.164	634	645	659	rBV3	11833	24627	0.40%	0.051%
11	3.974	885	897	906	rBV9	8965	19942	0.32%	0.041%
12	4.151	939	952	973	rBV	265397	693689	11.19%	1.435%
13	4.247	977	982	1003	rVB2	34497	81687	1.32%	0.169%
14	4.370	1010	1020	1030	rBV4	11223	23190	0.37%	0.048%
15	4.624	1083	1099	1118	rBV	396673	935830	15.10%	1.936%
16	4.971	1194	1207	1224	rVB	8101	20836	0.34%	0.043%
17	5.315	1290	1314	1347	rBV2	828673	2543051	41.04%	5.260%
18	5.530	1370	1381	1407	rVB	99148	221832	3.58%	0.459%
19	5.865	1470	1485	1508	rBV	680343	1392328	22.47%	2.880%
20	6.308	1605	1623	1642	rBV	578423	1178037	19.01%	2.436%
21	6.398	1643	1651	1665	rVB6	22764	52770	0.85%	0.109%
22	6.517	1680	1688	1694	rBV5	11621	20417	0.33%	0.042%
23	6.559	1695	1701	1705	rBV2	15121	19272	0.31%	0.040%
24	6.685	1727	1740	1770	rBV	1901694	3468022	55.96%	7.173%
25	7.205	1891	1902	1924	rBV	331777	602751	9.73%	1.247%
26	7.398	1951	1962	1972	rBV	247533	433698	7.00%	0.897%
27	7.543	1992	2007	2022	rBV	1138662	2022351	32.63%	4.183%
28	7.617	2023	2030	2046	rVB	63958	117919	1.90%	0.244%
29	7.829	2084	2096	2111	rBV	272774	492808	7.95%	1.019%
30	8.135	2178	2191	2208	rBV	431077	717974	11.59%	1.485%
31	8.215	2208	2216	2218	rBV4	26123	35474	0.57%	0.073%
32	8.241	2219	2224	2229	rVV3	41521	55289	0.89%	0.114%
33	8.289	2229	2239	2261	rVB	1014234	1739490	28.07%	3.598%
34	8.395	2262	2272	2285	rBV	669860	1034133	16.69%	2.139%

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Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

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\SOMULM091919WMA.M
Title : VOC Analysis

35	8.511	2300	2308	2327	rVB3	28900	57484	0.93%	0.119%
36	8.884	2412	2424	2444	rBV	842125	1339099	21.61%	2.770%
37	9.067	2463	2481	2506	rVV	1034638	1824595	29.44%	3.774%
38	9.228	2521	2531	2545	rVB	136050	215092	3.47%	0.445%
39	9.350	2554	2569	2584	rBV	236695	411176	6.63%	0.850%
40	9.588	2635	2643	2654	rBV4	23351	41214	0.67%	0.085%
41	9.755	2682	2695	2711	rVV3	271854	489073	7.89%	1.012%
42	9.932	2735	2750	2762	rVV8	15022	36111	0.58%	0.075%
43	10.016	2768	2776	2786	rBV8	16036	28796	0.46%	0.060%
44	10.144	2804	2816	2828	rBV2	89070	148330	2.39%	0.307%
45	10.408	2886	2898	2915	rBV	760318	1242011	20.04%	2.569%
46	10.565	2934	2947	2961	rBV	99697	177671	2.87%	0.367%
47	10.659	2967	2976	2993	rVV	244964	552589	8.92%	1.143%
48	10.749	2995	3004	3014	rVV	172418	283561	4.58%	0.586%
49	10.794	3015	3018	3030	rVB8	19716	29060	0.47%	0.060%
50	10.948	3057	3066	3087	rVV	141930	279565	4.51%	0.578%
51	11.057	3088	3100	3109	rVV10	16770	33577	0.54%	0.069%
52	11.125	3110	3121	3136	rVV	436425	676870	10.92%	1.400%
53	11.199	3137	3144	3154	rVB6	14198	24891	0.40%	0.051%
54	11.302	3170	3176	3182	rBV3	21338	30352	0.49%	0.063%
55	11.401	3200	3207	3214	rBV2	42938	64945	1.05%	0.134%
56	11.459	3214	3225	3243	rVV	1056882	1696918	27.38%	3.510%
57	11.546	3243	3252	3263	rVB	264273	406703	6.56%	0.841%
58	11.607	3265	3271	3279	rVB7	21520	34835	0.56%	0.072%
59	11.665	3279	3289	3293	rBV6	11797	20551	0.33%	0.043%
60	11.742	3302	3313	3324	rBV	557038	964212	15.56%	1.994%
61	11.836	3332	3342	3369	rVB2	1170891	2172009	35.05%	4.492%
62	11.958	3370	3380	3394	rBV	202053	326224	5.26%	0.675%
63	12.032	3398	3403	3420	rVB	34467	59078	0.95%	0.122%
64	12.125	3420	3432	3437	rBV2	77284	134032	2.16%	0.277%
65	12.228	3456	3464	3472	rBV	141308	210270	3.39%	0.435%
66	12.331	3487	3496	3514	rBV2	118769	231823	3.74%	0.479%
67	12.472	3532	3540	3547	rBV7	17745	32070	0.52%	0.066%
68	12.530	3549	3558	3569	rVV3	49456	93954	1.52%	0.194%
69	12.594	3572	3578	3581	rVV4	34658	47401	0.76%	0.098%
70	12.626	3582	3588	3596	rVV	123309	193427	3.12%	0.400%
71	12.681	3597	3605	3620	rVB2	157810	261765	4.22%	0.541%

LSC Area Percent Report

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Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

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\SOMULM091919WMA.M
Title : VOC Analysis

72	12.942	3678	3686	3703	rVB	173105	269348	4.35%	0.557%
73	13.099	3716	3735	3746	rBV3	340580	584309	9.43%	1.208%
74	13.163	3747	3755	3767	rVB2	158886	247558	3.99%	0.512%
75	13.270	3777	3788	3806	rVB2	432914	718088	11.59%	1.485%
76	13.372	3810	3820	3831	rVV7	53794	109943	1.77%	0.227%
77	13.437	3831	3840	3848	rVV3	58172	92676	1.50%	0.192%
78	13.488	3848	3856	3870	rVV4	62017	124216	2.00%	0.257%
79	13.556	3873	3877	3881	rVV4	25213	34027	0.55%	0.070%
80	13.588	3882	3887	3904	rVB4	63891	128261	2.07%	0.265%
81	13.720	3915	3928	3954	rBV	3890384	6197221	100.00%	12.817%
82	13.839	3957	3965	3979	rVB	77091	133606	2.16%	0.276%
83	14.131	4047	4056	4070	rBV5	37386	95660	1.54%	0.198%
84	14.318	4104	4114	4124	rBV7	67531	138061	2.23%	0.286%
85	14.446	4145	4154	4168	rVV5	46277	101462	1.64%	0.210%
86	14.517	4168	4176	4188	rVB5	45083	77625	1.25%	0.161%
87	14.659	4214	4220	4228	rVB8	21195	32792	0.53%	0.068%
88	14.710	4230	4236	4253	rVB3	25936	51298	0.83%	0.106%
89	14.800	4256	4264	4270	rBV	30623	47300	0.76%	0.098%
90	14.855	4270	4281	4296	rBV	902188	1436097	23.17%	2.970%
91	14.970	4312	4317	4326	rVB6	12056	20066	0.32%	0.042%
92	15.038	4326	4338	4354	rBV	1064223	1744872	28.16%	3.609%
93	15.588	4502	4509	4522	rVB2	35959	57260	0.92%	0.118%
94	15.781	4561	4569	4576	rBV2	42597	69567	1.12%	0.144%
95	15.896	4595	4605	4628	rBV5	38708	97266	1.57%	0.201%
96	16.041	4640	4650	4657	rBV3	102670	180215	2.91%	0.373%
97	16.076	4658	4661	4671	rVB5	46363	61400	0.99%	0.127%
98	16.240	4703	4712	4715	rBV7	21126	31108	0.50%	0.064%
99	16.414	4760	4766	4777	rVB4	21003	30743	0.50%	0.064%
100	16.720	4851	4861	4873	rBV2	139253	238194	3.84%	0.493%

Sum of corrected areas: 48350131

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
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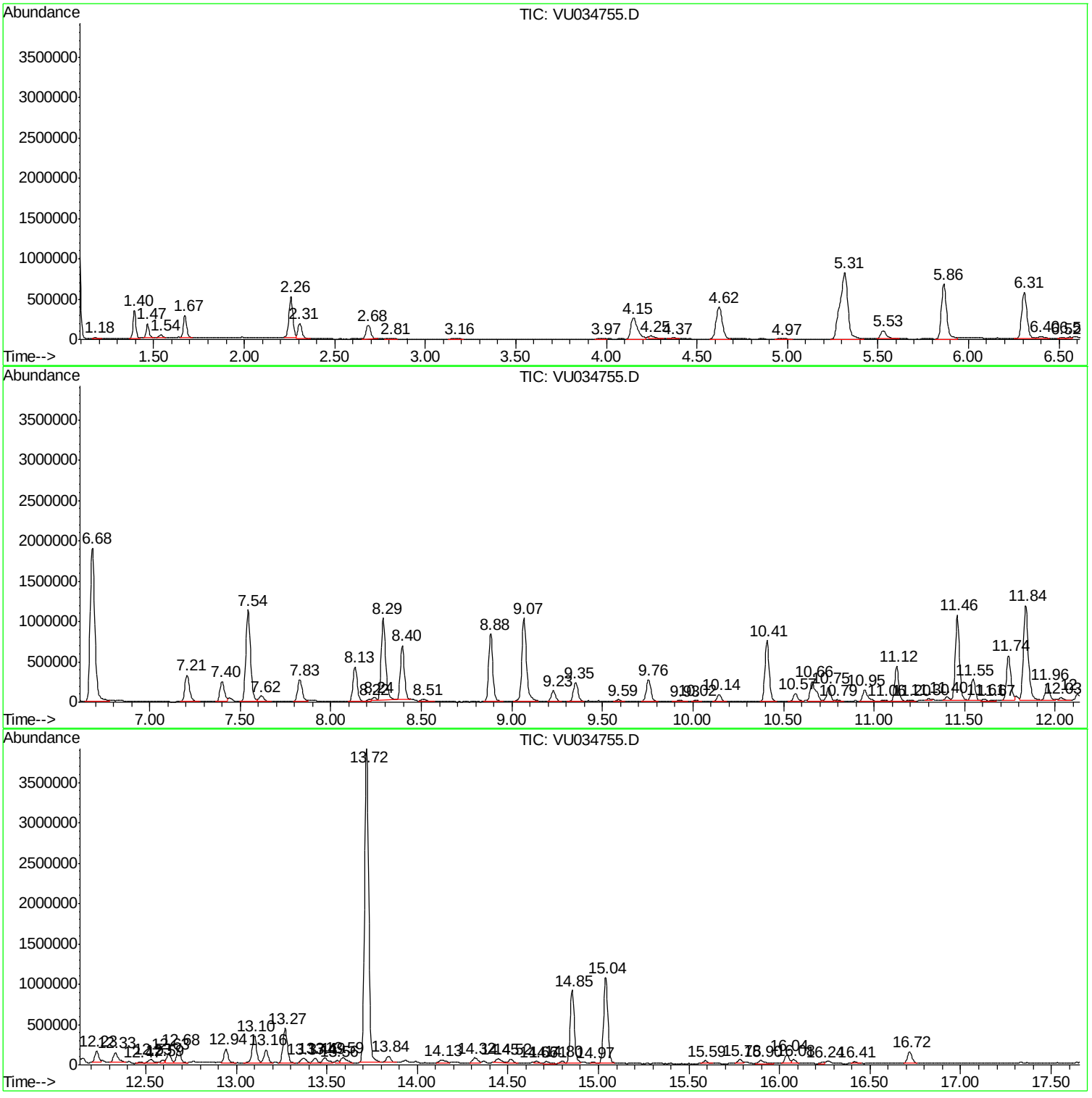
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

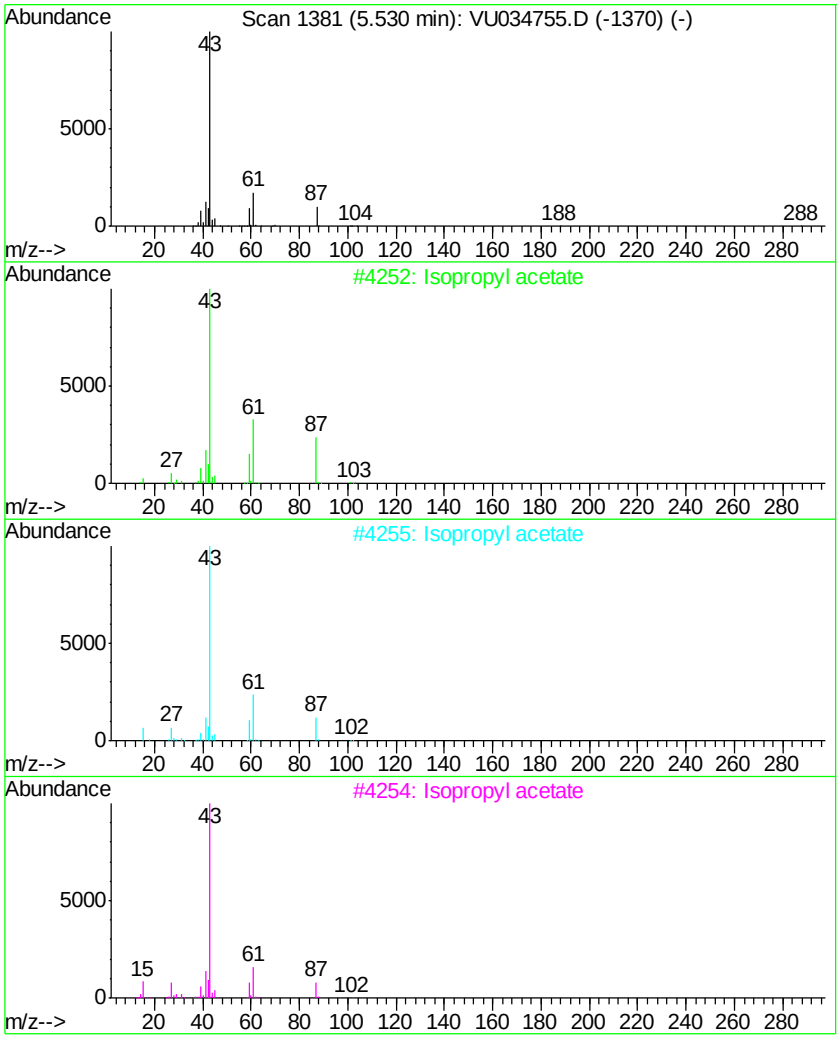
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

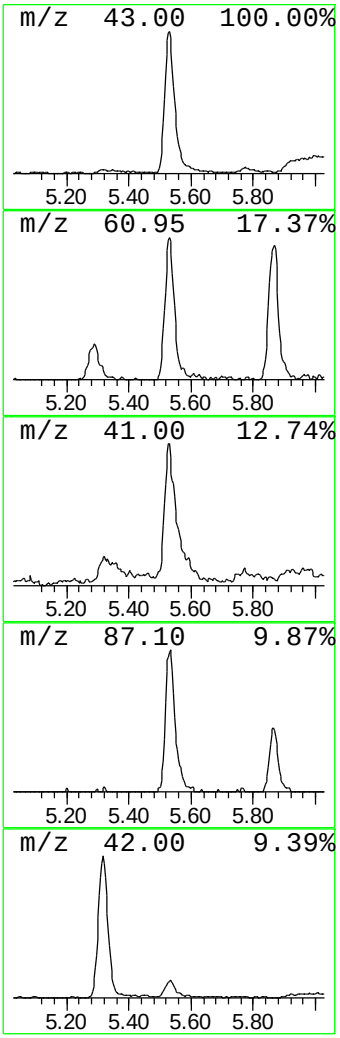
****

Peak Number 2 Isopropyl acetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	7.97 ug/L	221832	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl acetate	102	C5H10O2	000108-21-4	78
2	Isopropyl acetate	102	C5H10O2	000108-21-4	78
3	Isopropyl acetate	102	C5H10O2	000108-21-4	59
4	Isopropyl acetate	102	C5H10O2	000108-21-4	56
5	Acetamide, N-acetyl-N-methyl-	115	C5H9NO2	001113-68-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

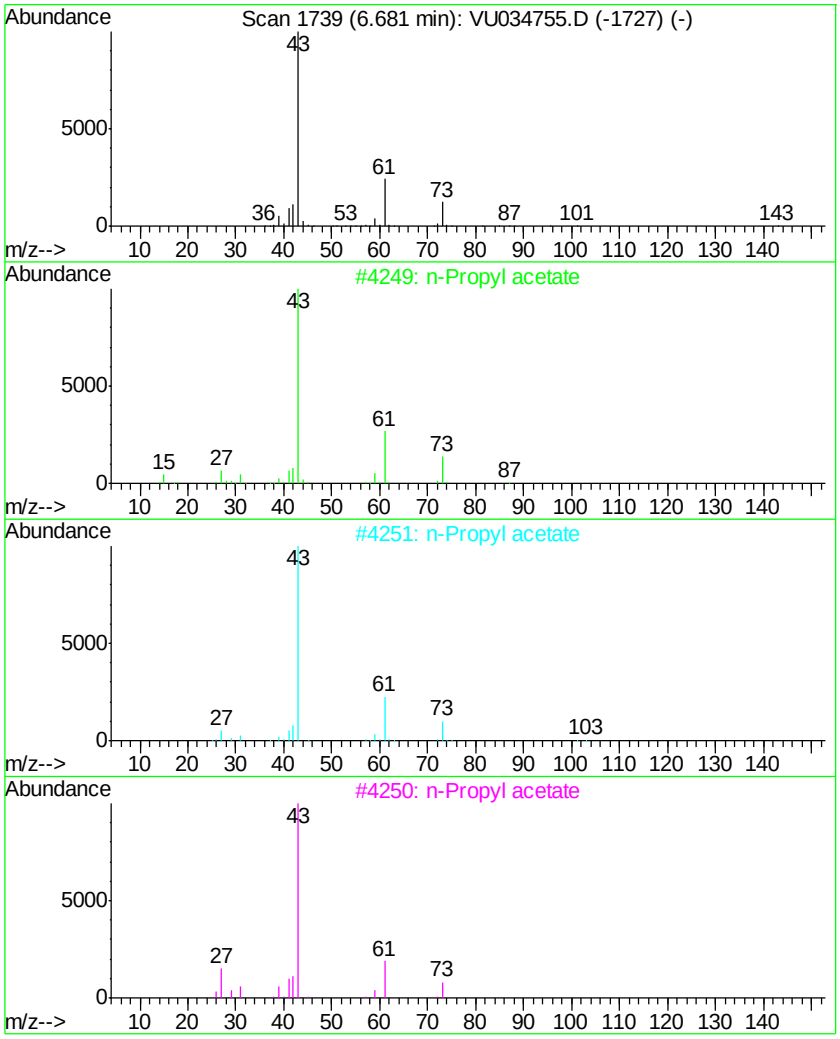
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

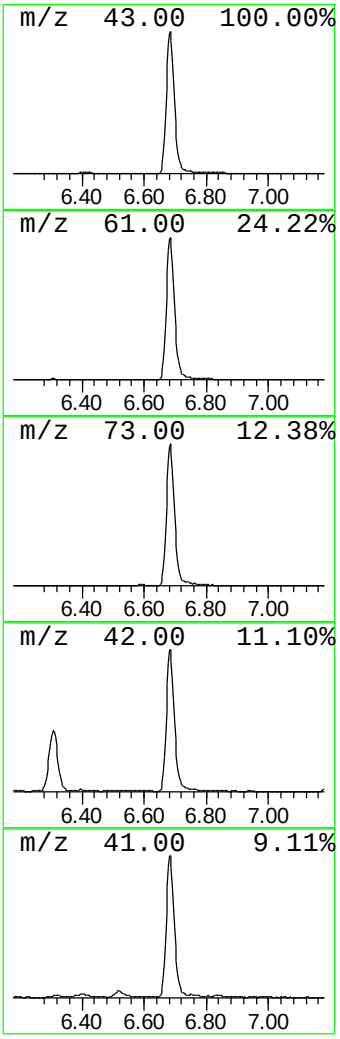
****

Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	124.54 ug/L	3468020	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	72
4	Isopropyl acetate	102	C5H10O2	000108-21-4	38
5	Isopropyl acetate	102	C5H10O2	000108-21-4	9





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ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

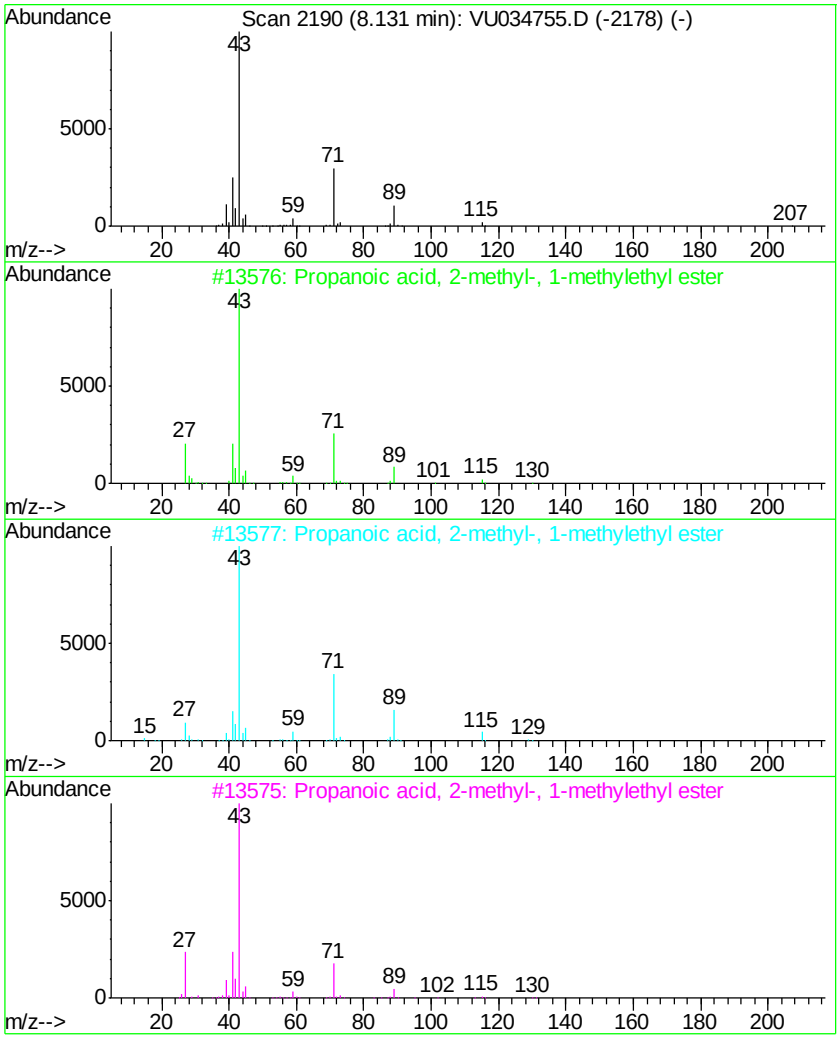
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

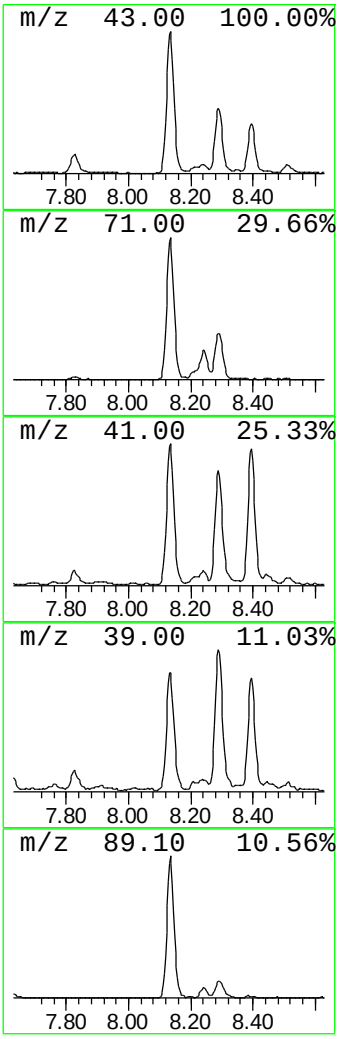
****

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	19.67 ug/L	717974	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42





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ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

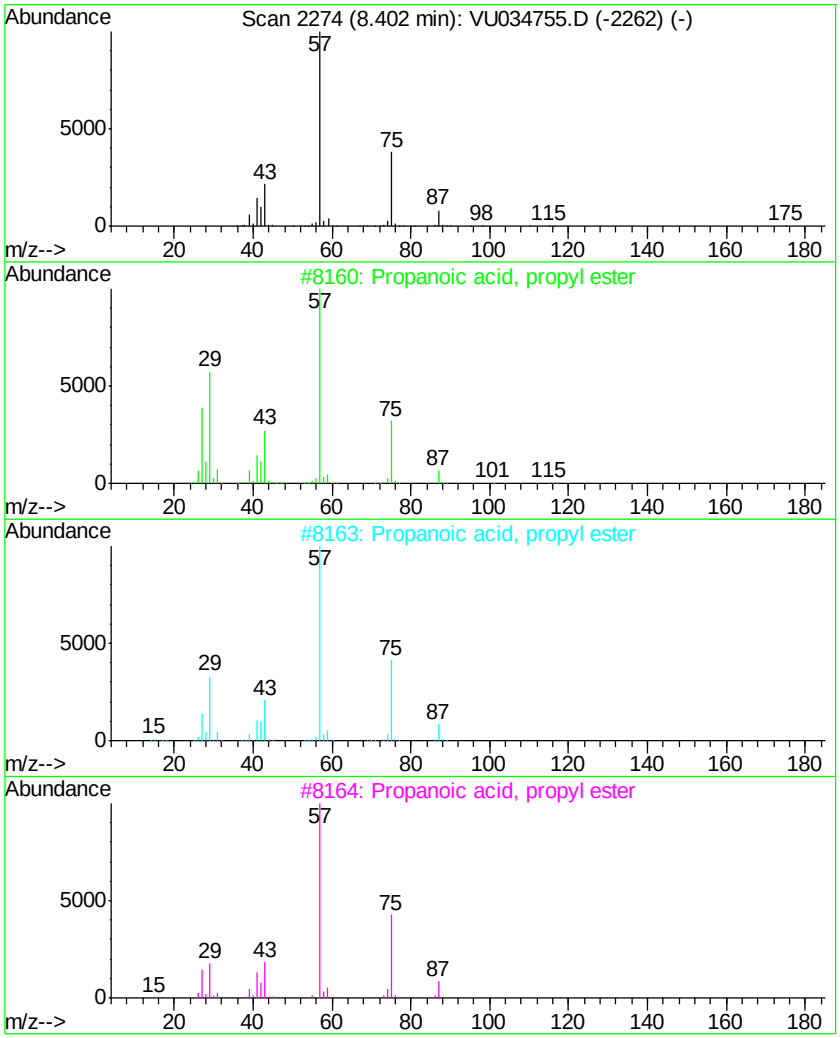
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

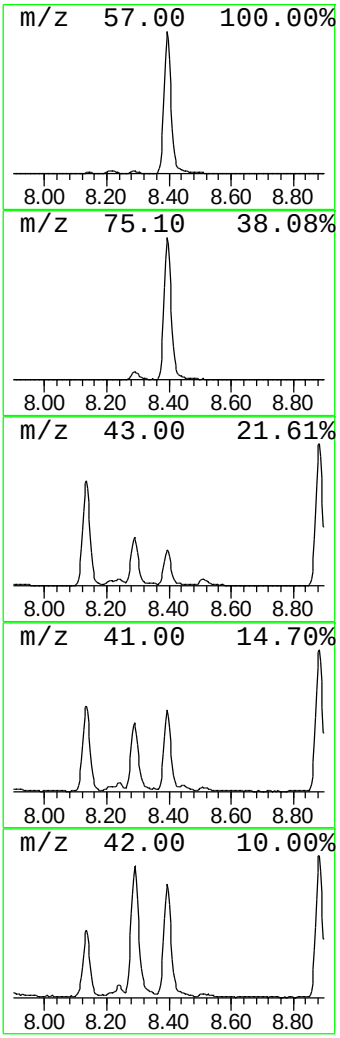
****

Peak Number 6 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	28.34 ug/L	1034130	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
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Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

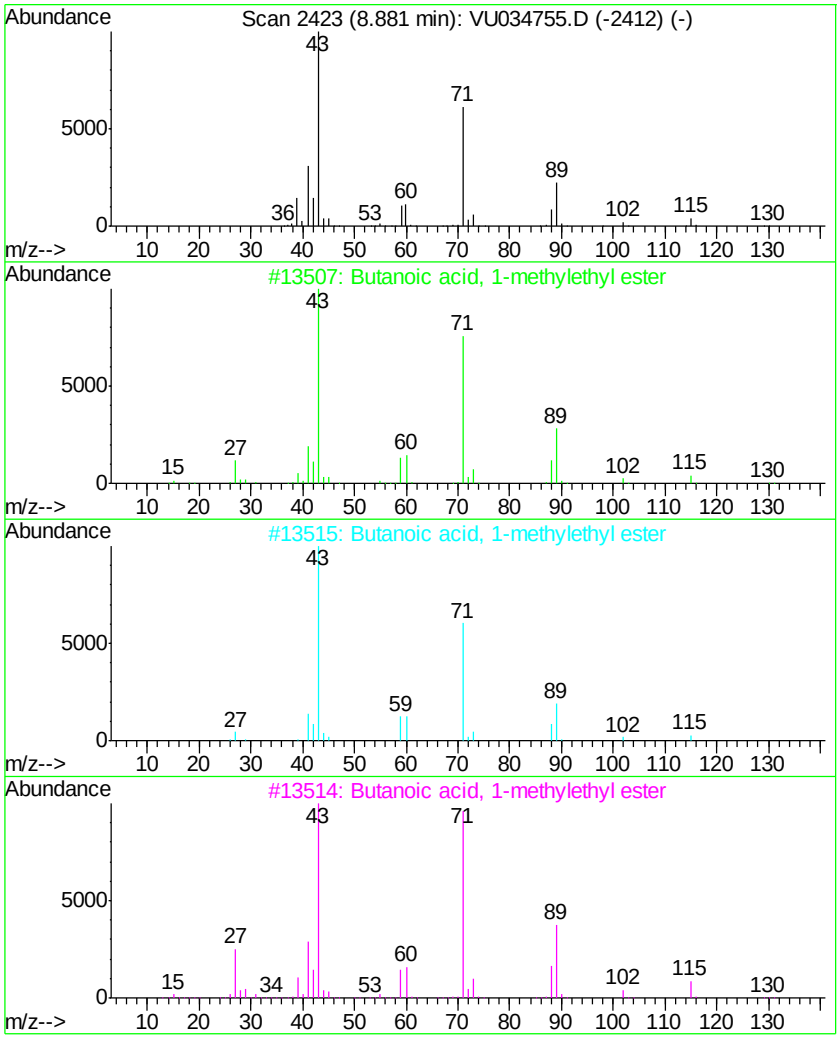
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

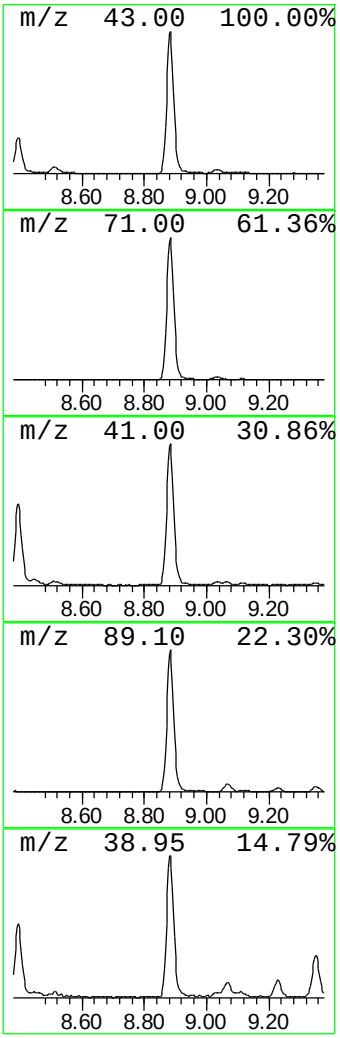
****

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	36.70 ug/L	1339100	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

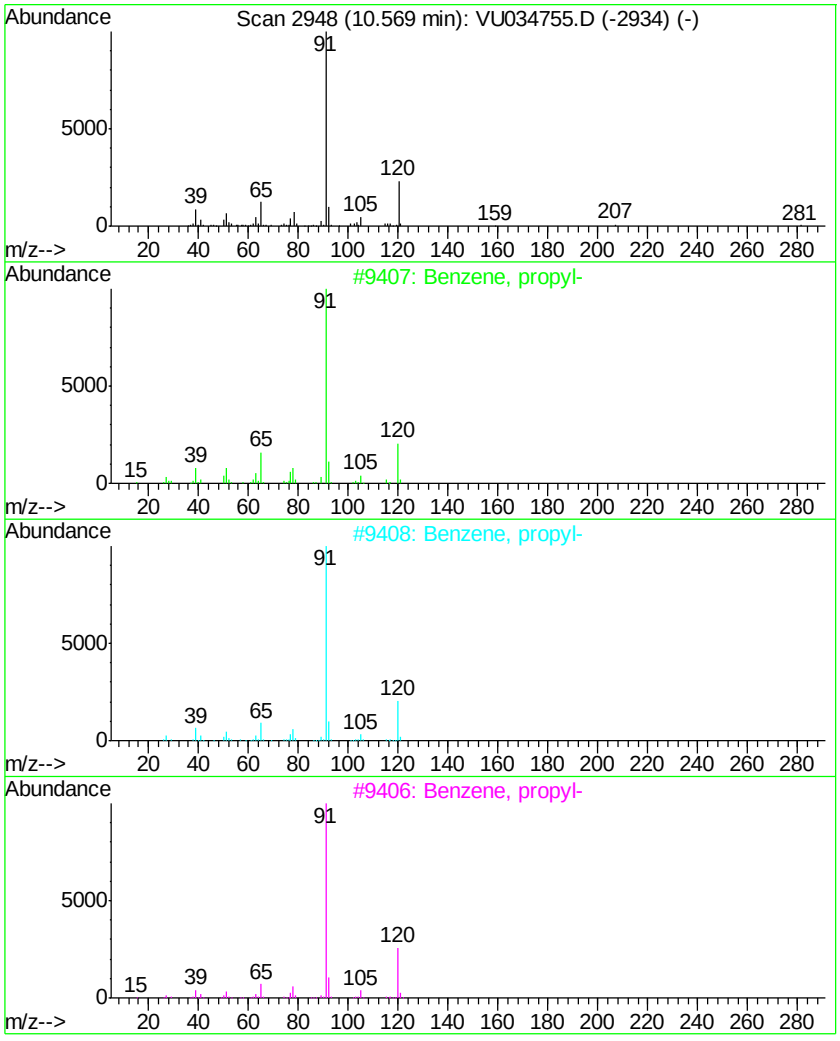
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

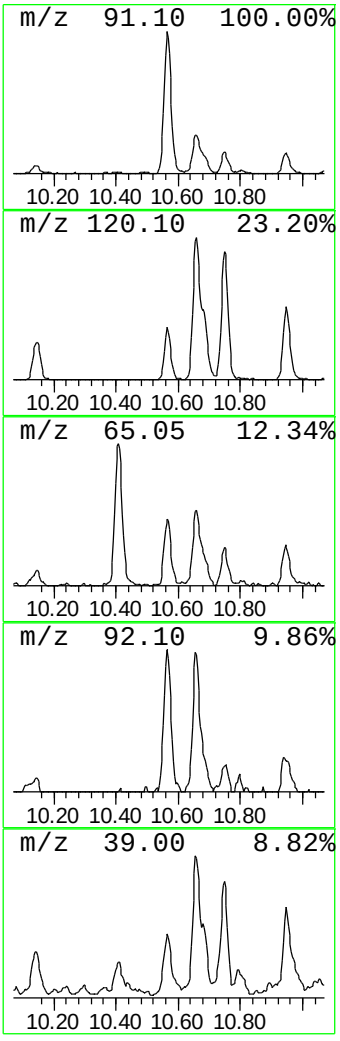
****

Peak Number 8 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	5.24 ug/L	177671	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
5	Benzene, (4-bromobutyl)-	212	C10H13Br	013633-25-5	47





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Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

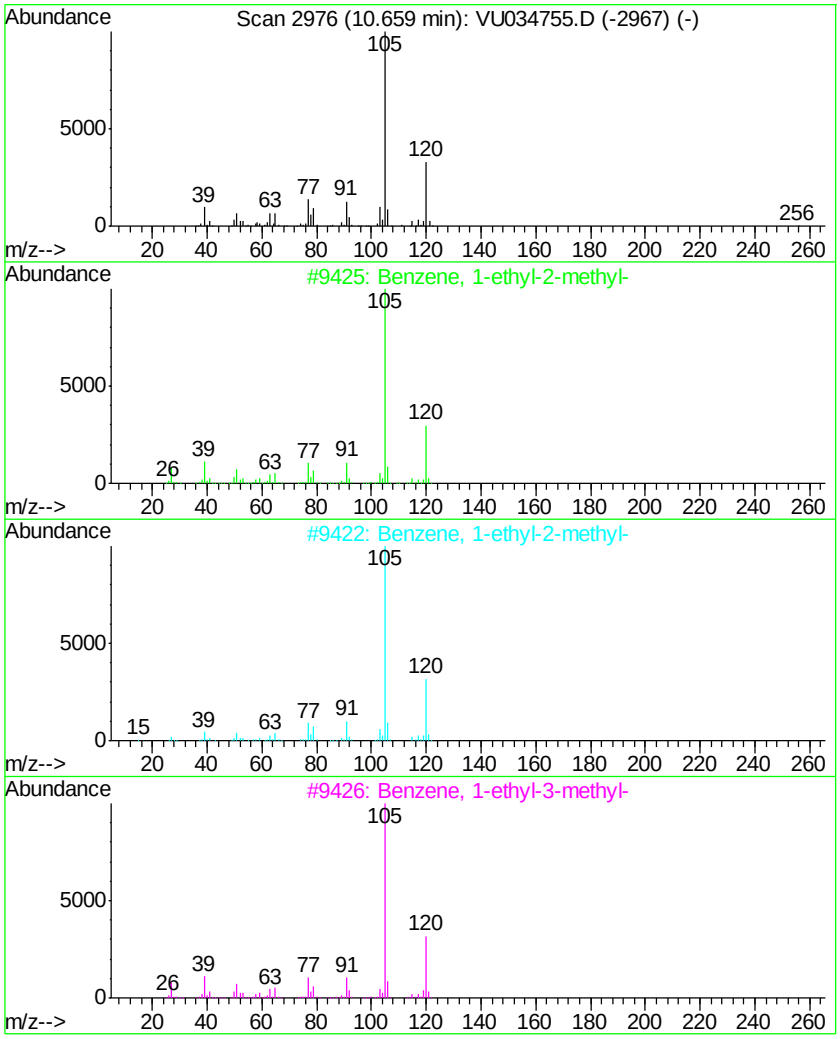
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

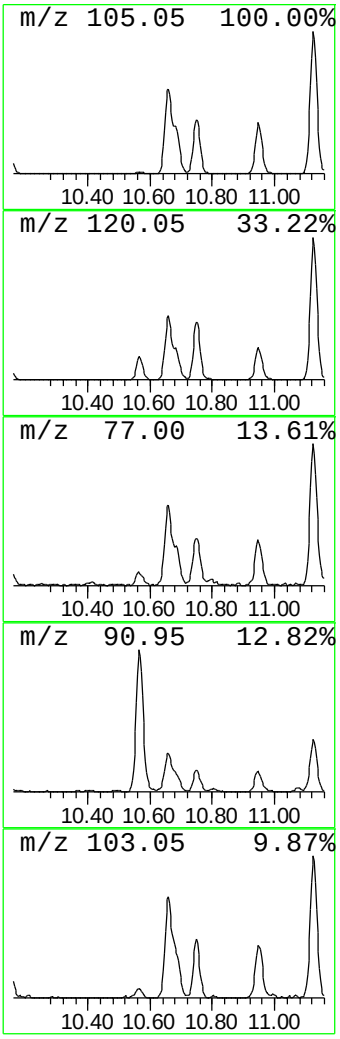
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	16.28 ug/L	552589	1,4-Dichlorobenzene-d4	11.46

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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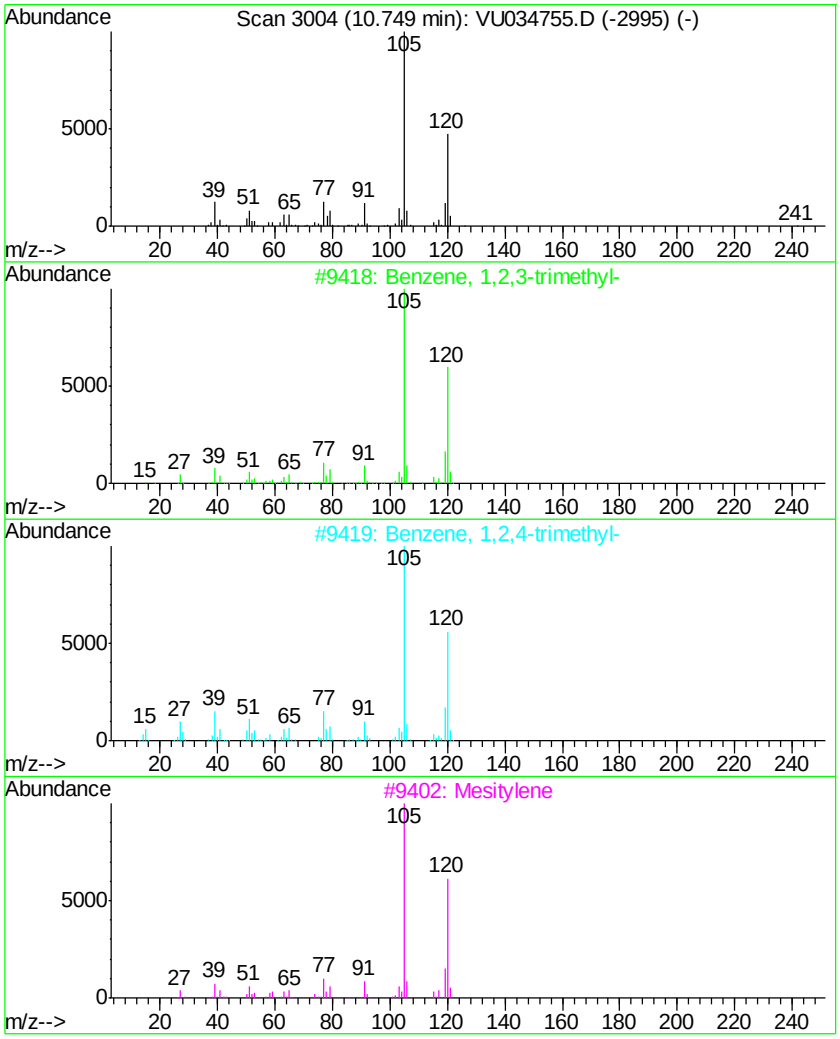
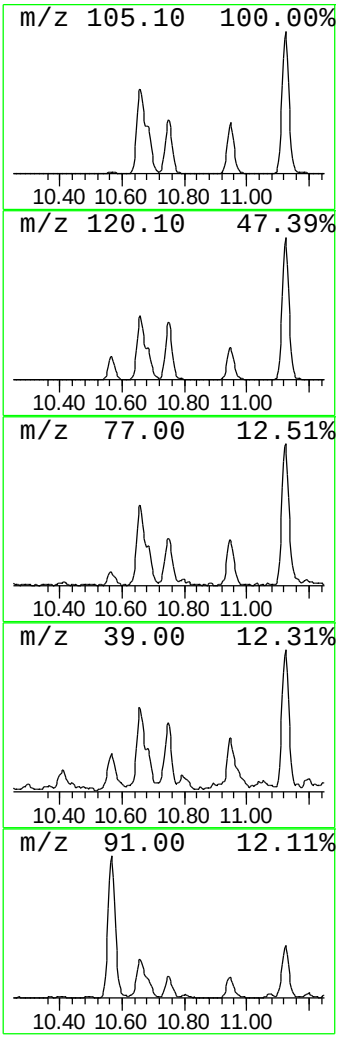
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	8.36 ug/L	283561	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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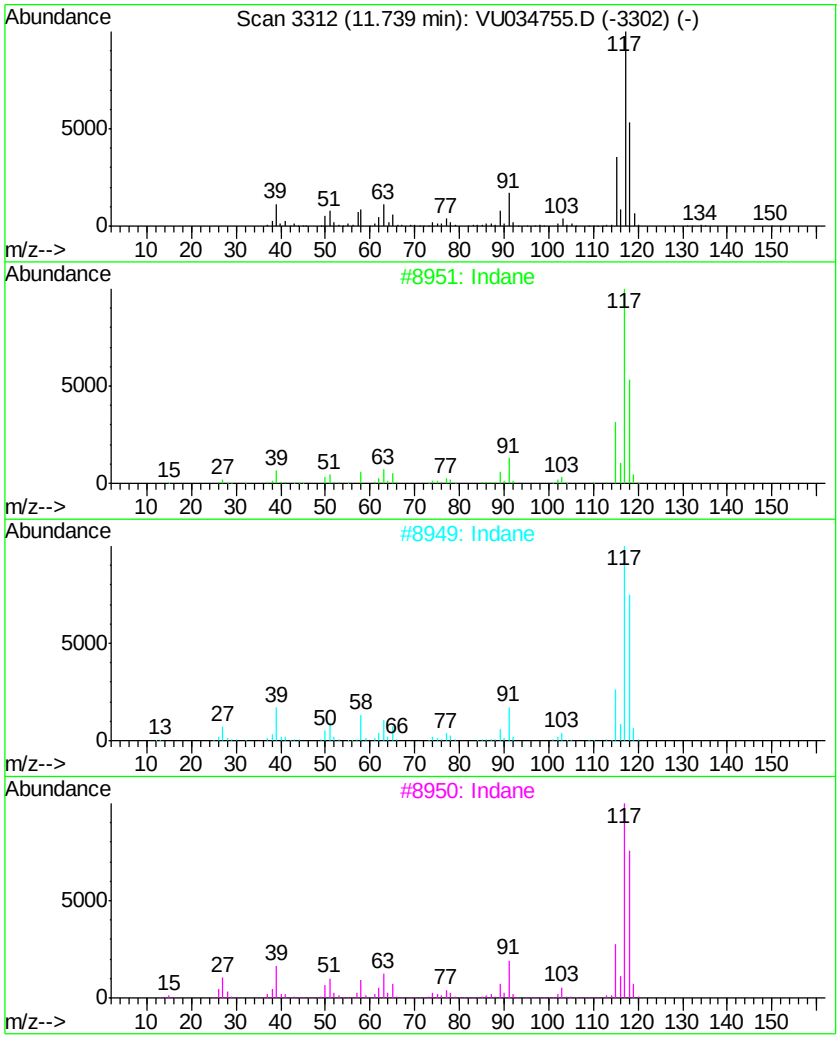
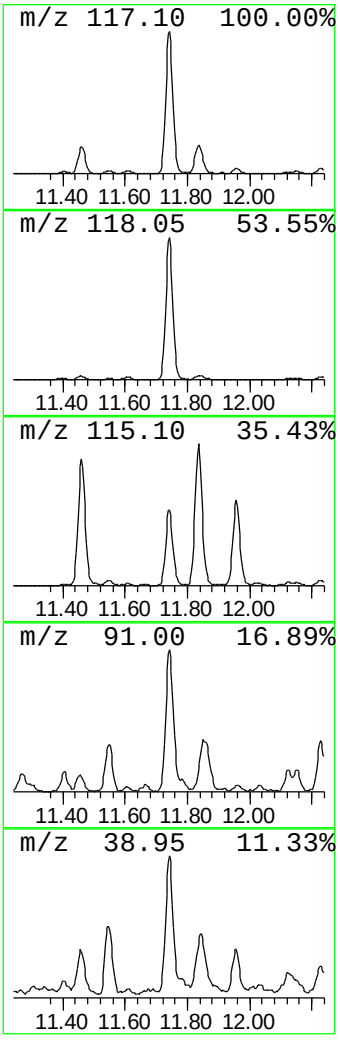
Peak Number 14 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	28.41 ug/L	964212	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	92
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Library Search Compound Report

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Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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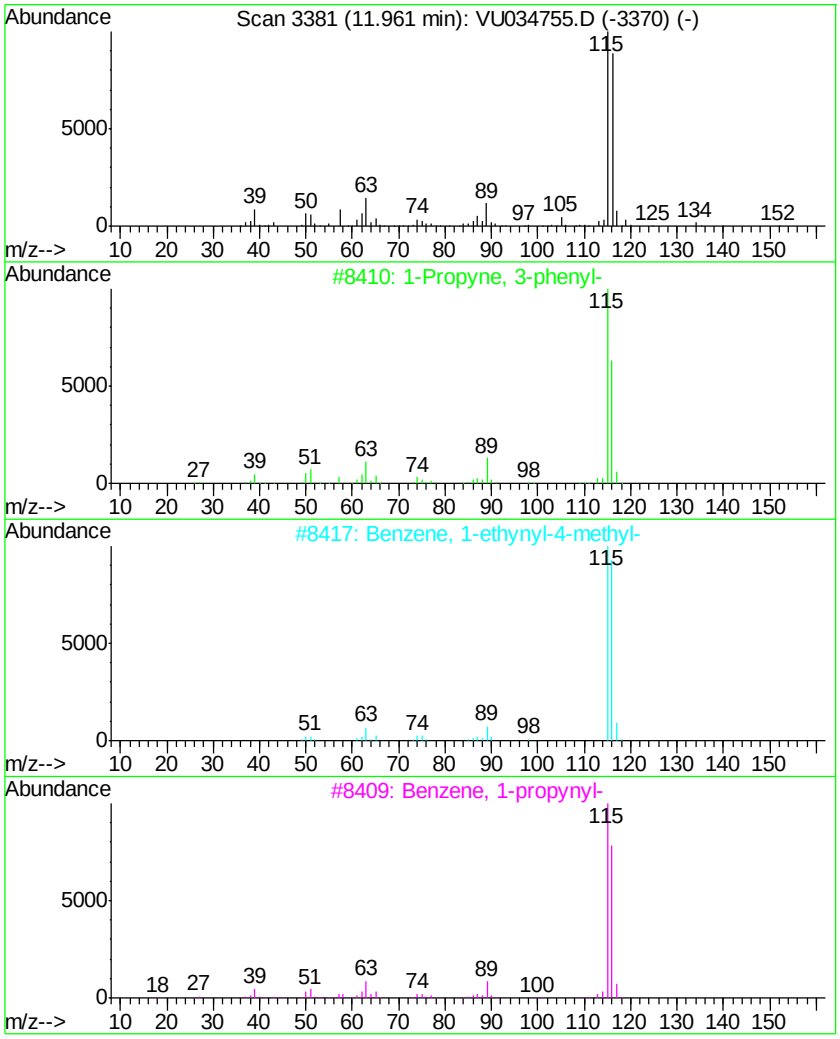
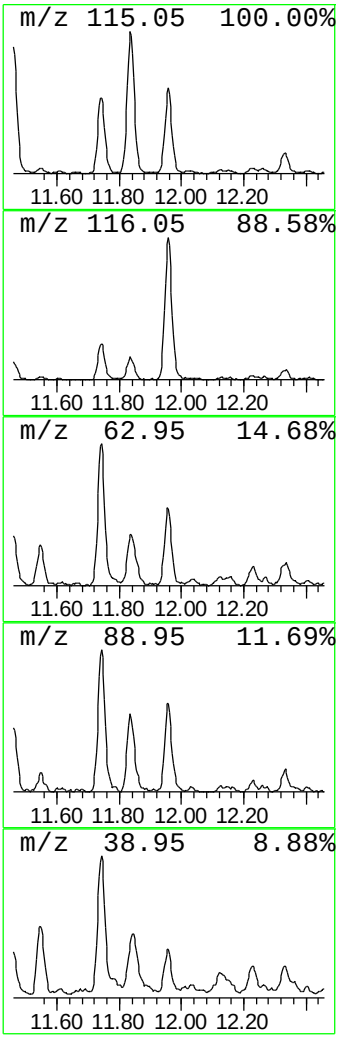
Peak Number 15 1-Propyne, 3-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	9.61 ug/L	326224	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	97
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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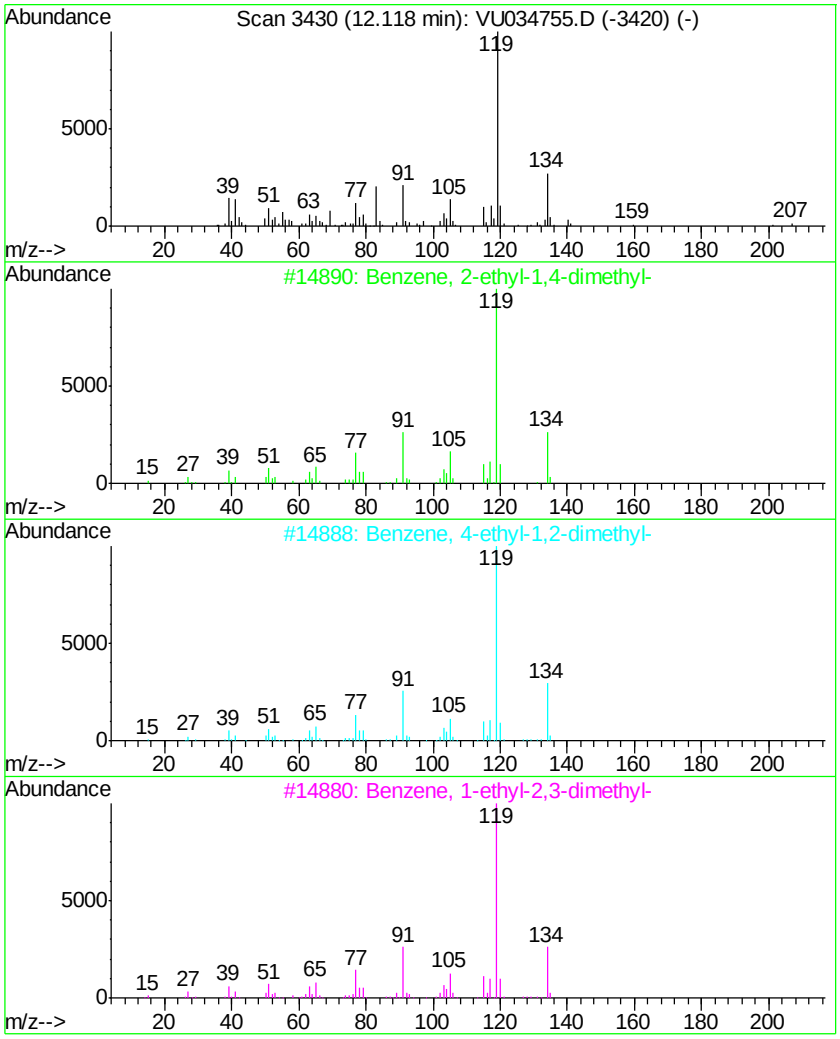
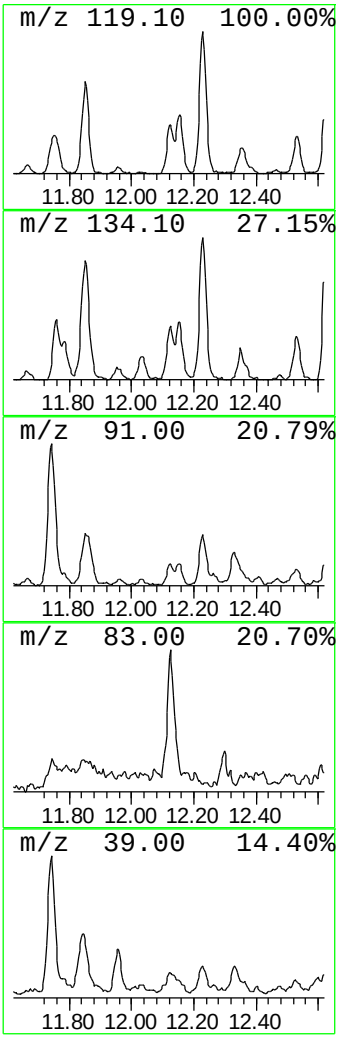
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.95 ug/L	134032	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	93





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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

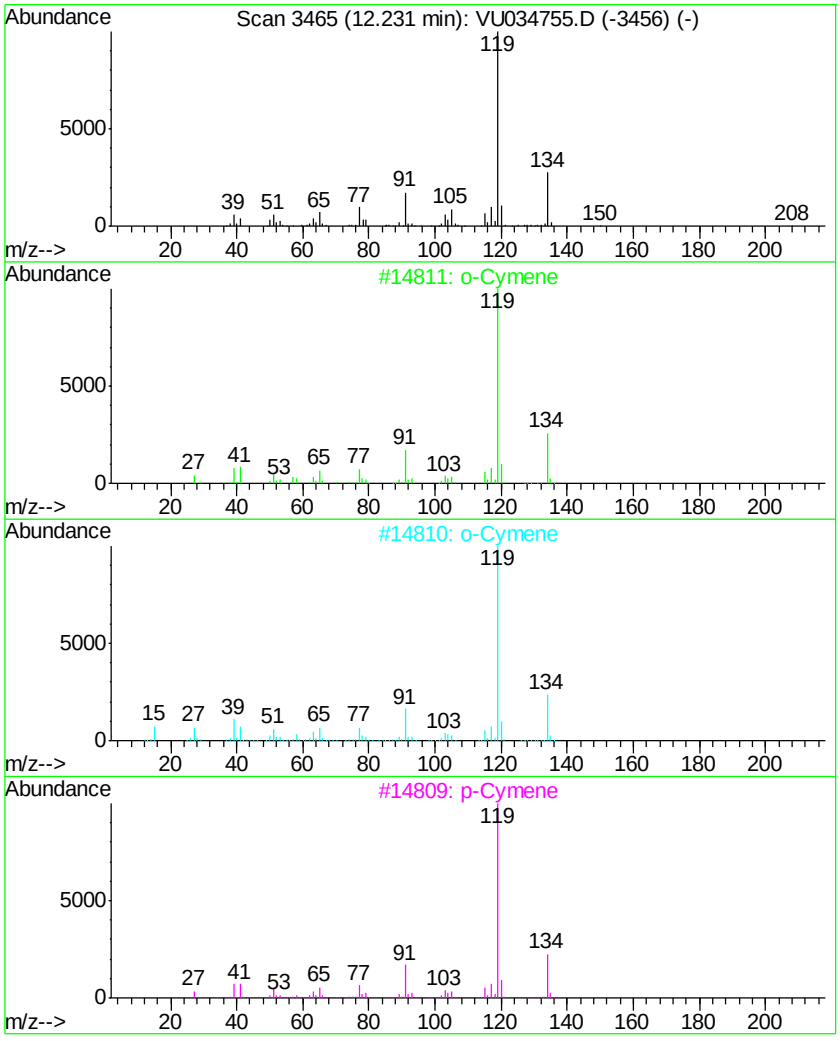
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

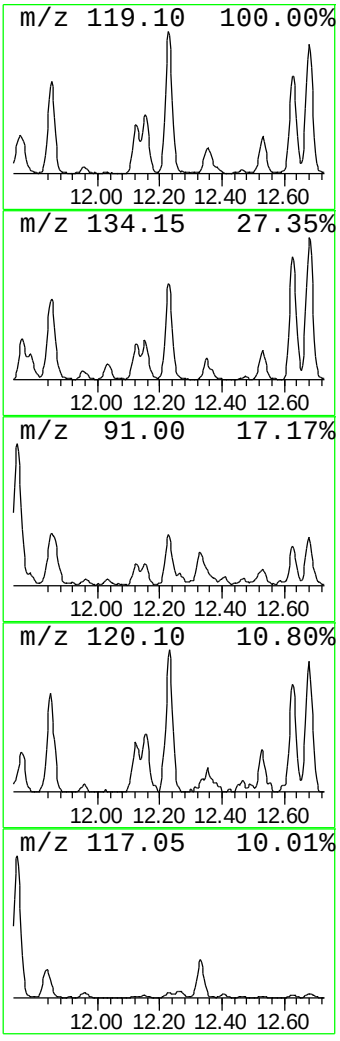
****

Peak Number 17 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.20 ug/L	210270	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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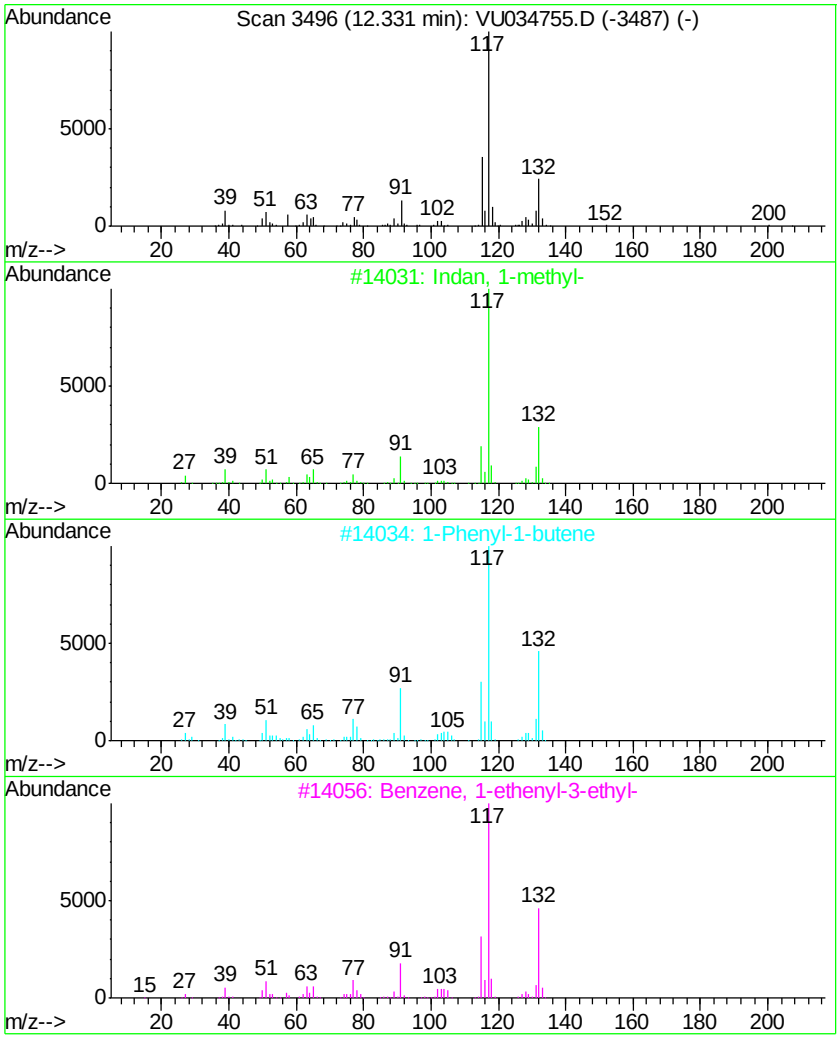
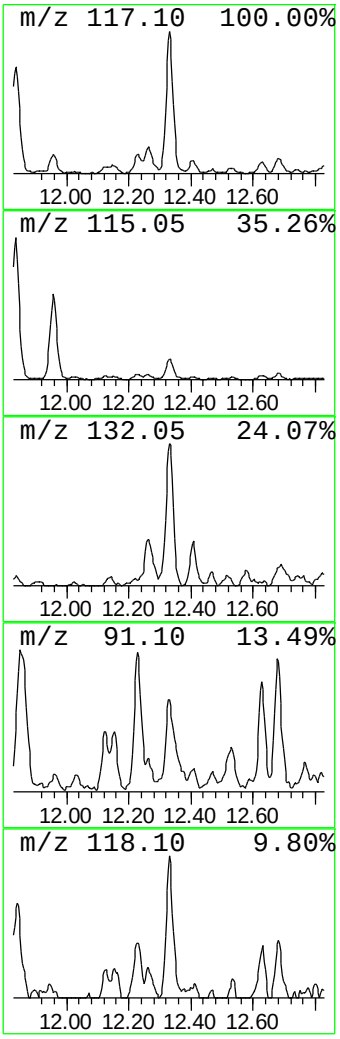
Peak Number 18 Indan, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.83 ug/L	231823	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	78





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Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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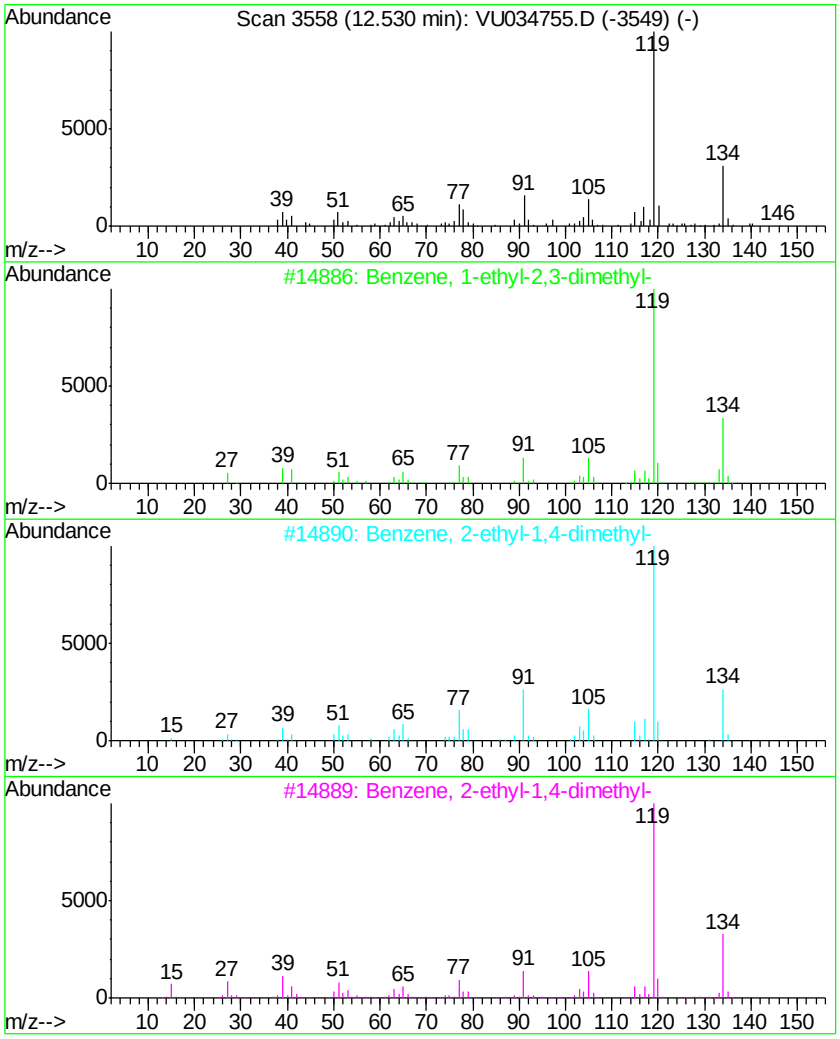
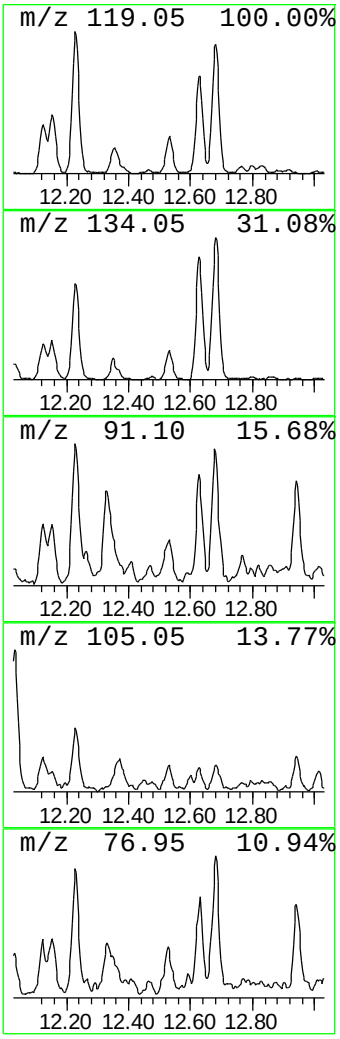
Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.77 ug/L	93954	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	p-Cymene	134	C10H14	000099-87-6	93





Library Search Compound Report

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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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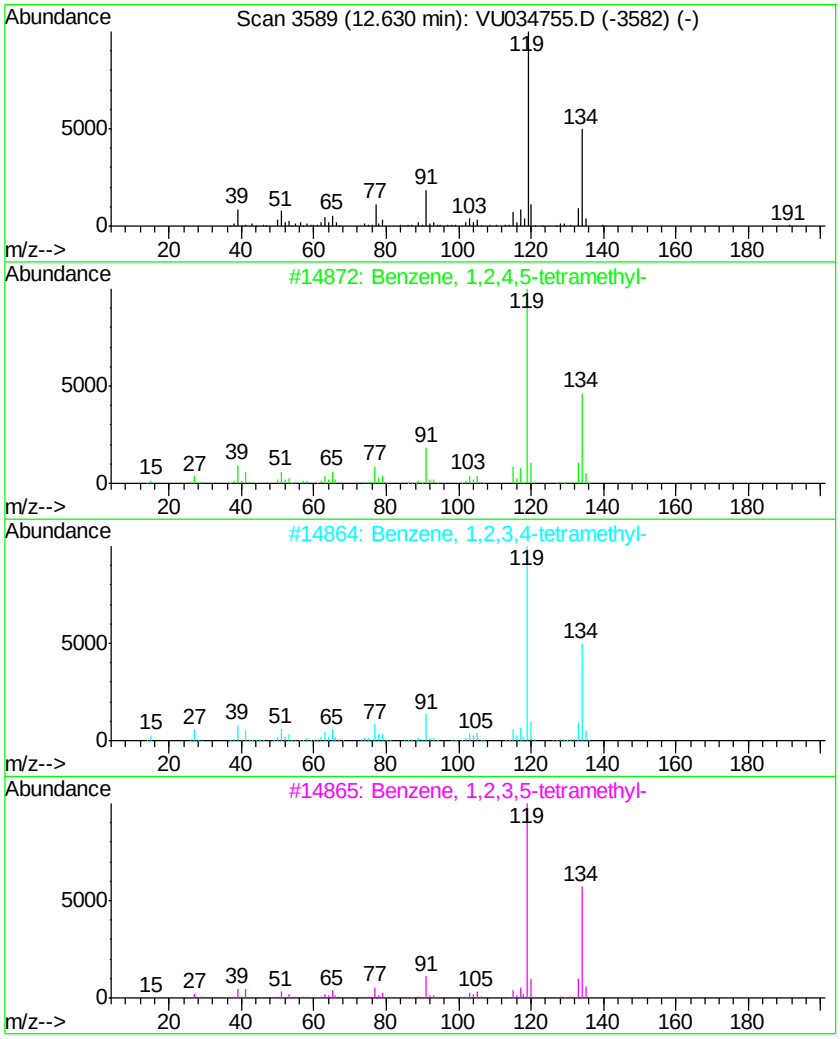
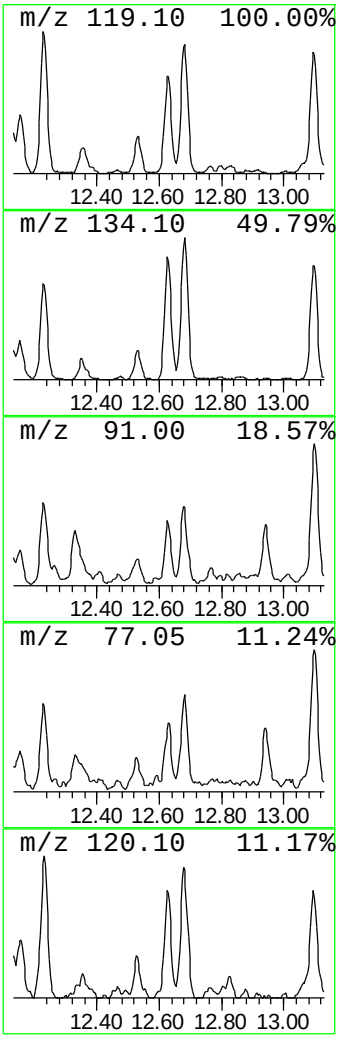
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	5.70 ug/L	193427	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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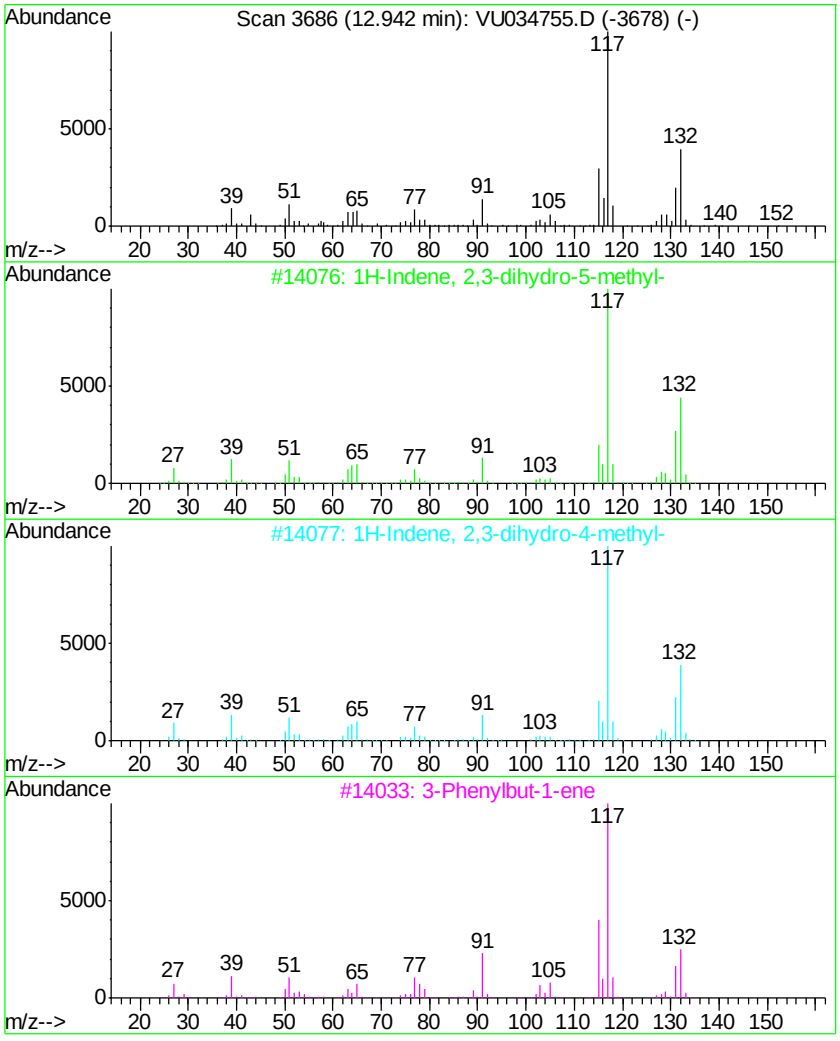
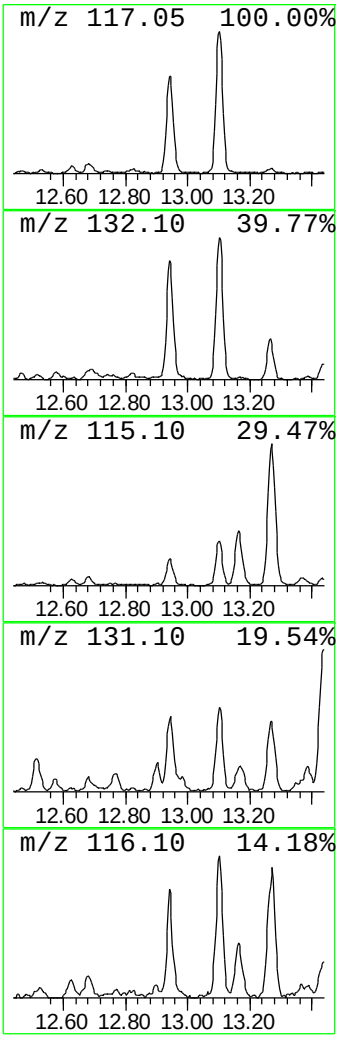
Peak Number 22 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.94 ug/L	269348	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90





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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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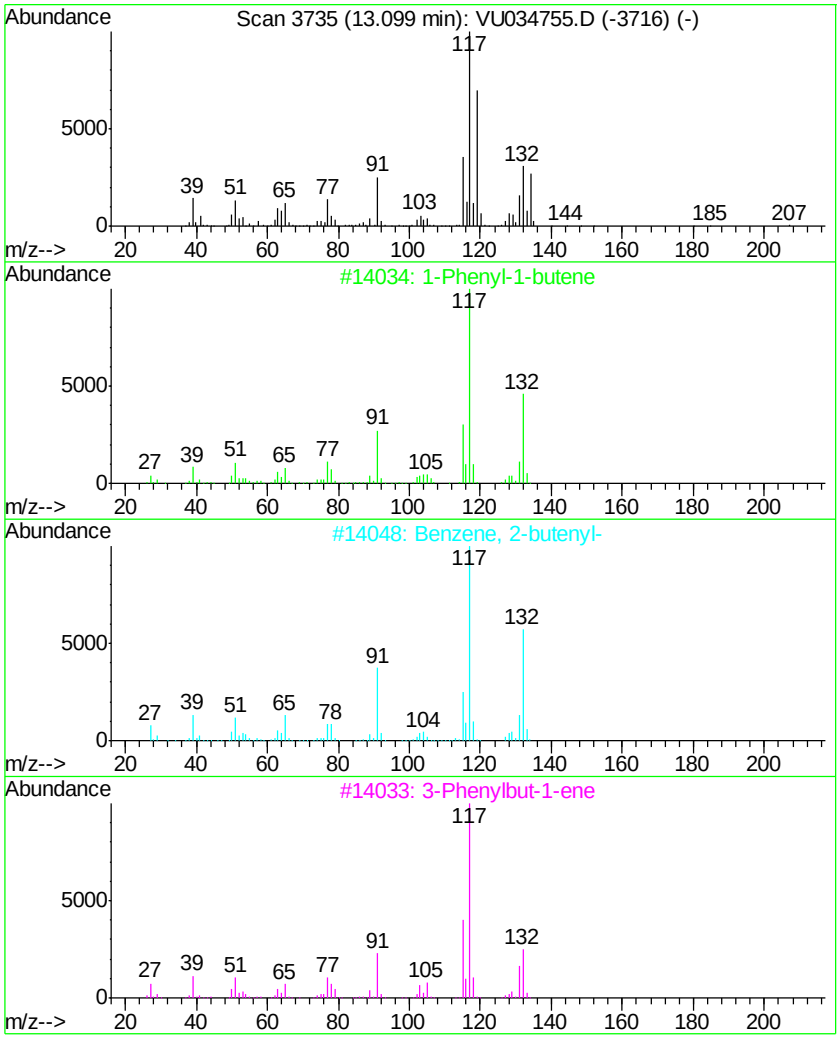
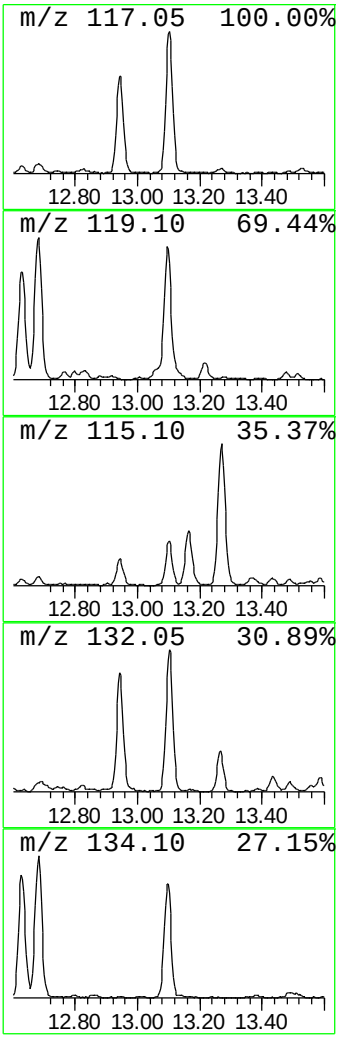
Peak Number 23 1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	17.22 ug/L	584309	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Library Search Compound Report

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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

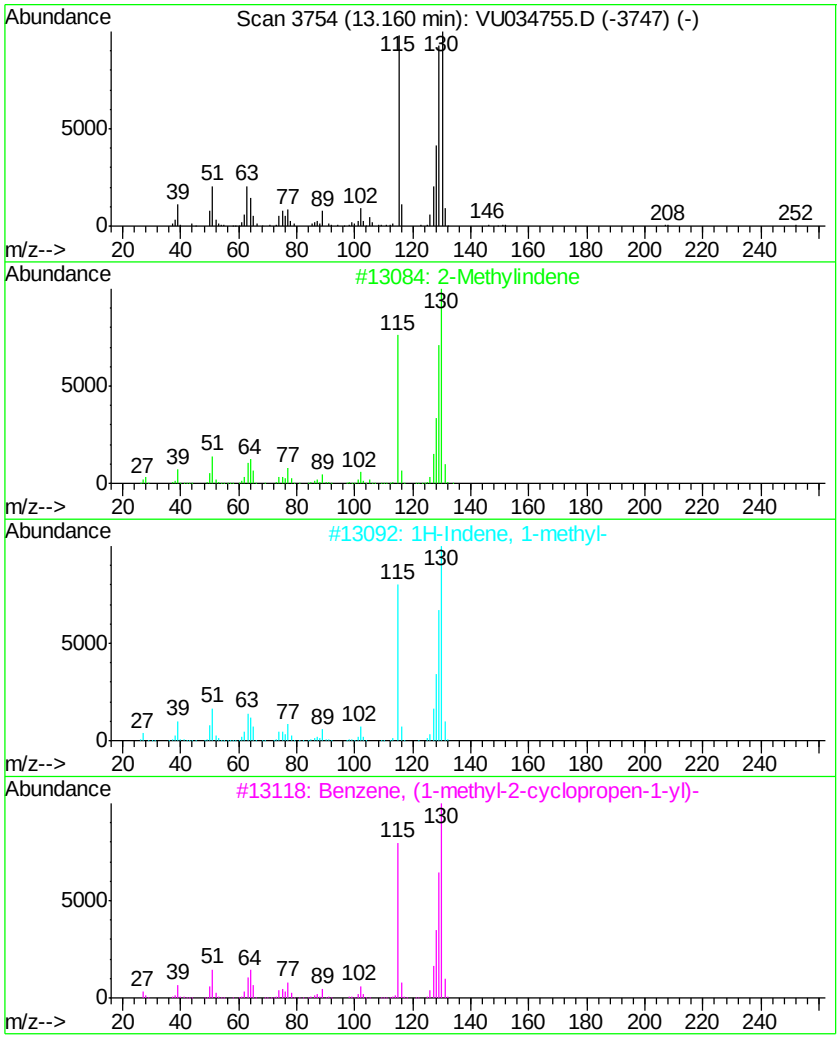
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

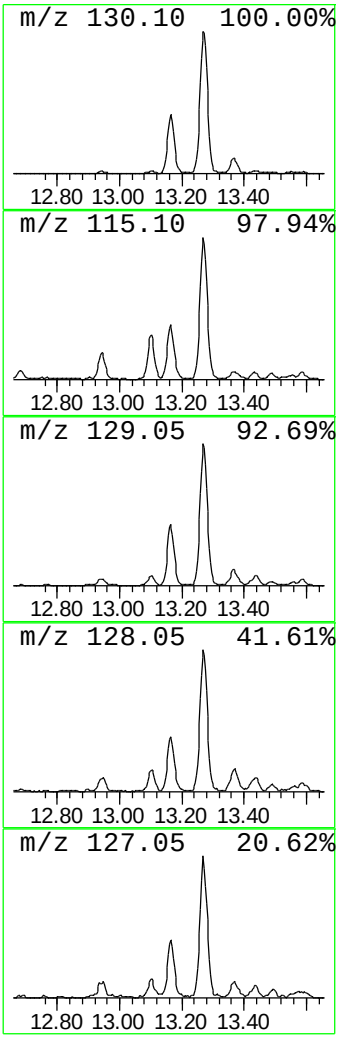
****

Peak Number 24 2-Methylindene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	7.29 ug/L	247558	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

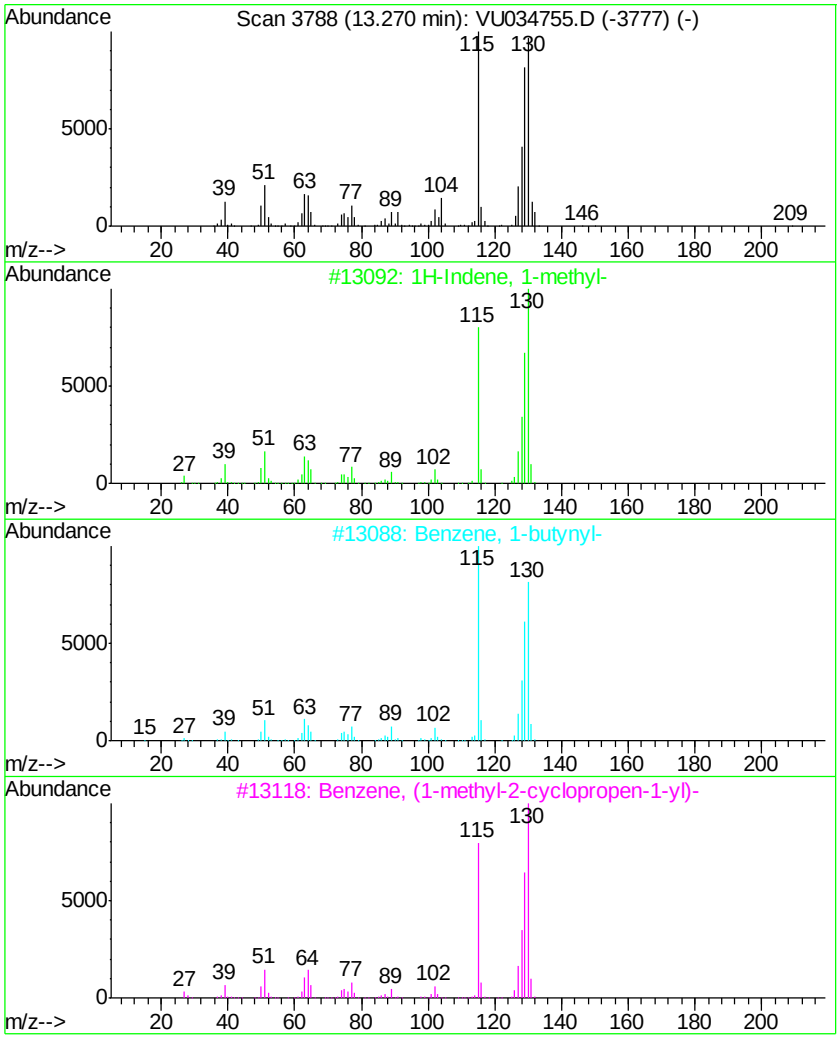
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

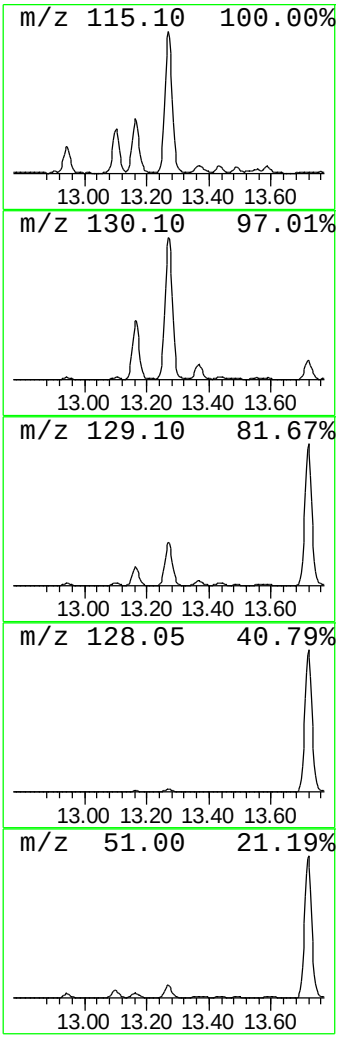
****

Peak Number 25 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	21.16 ug/L	718088	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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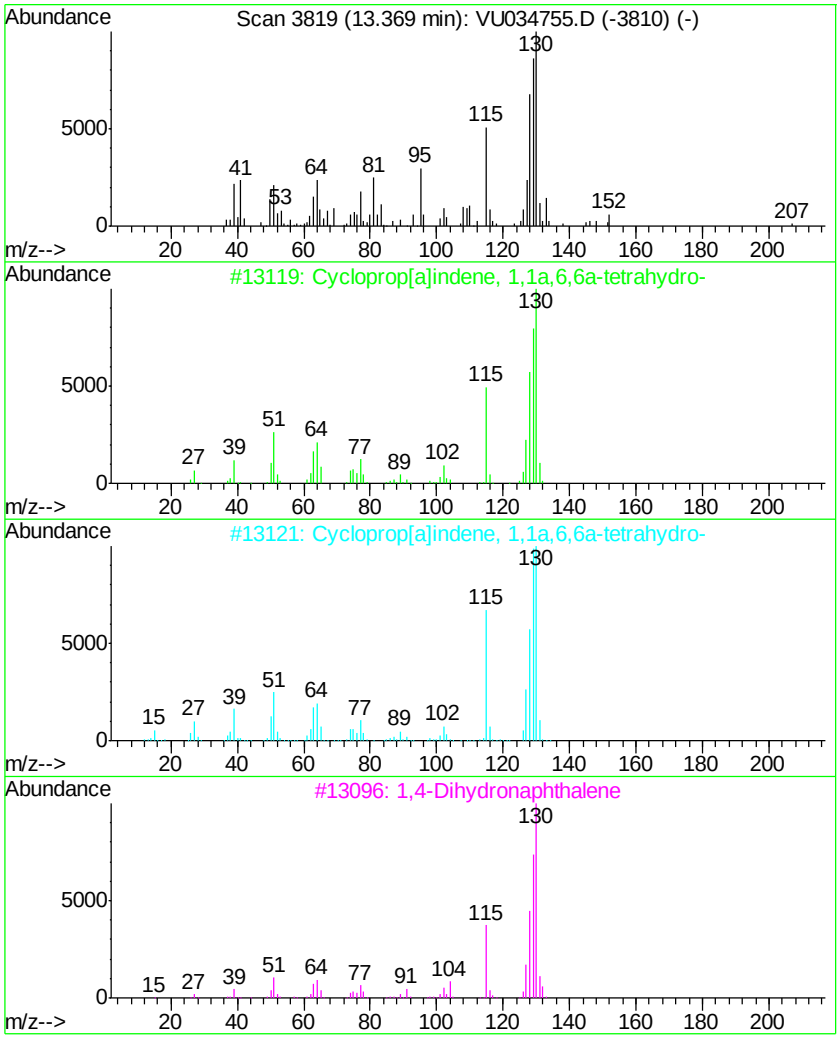
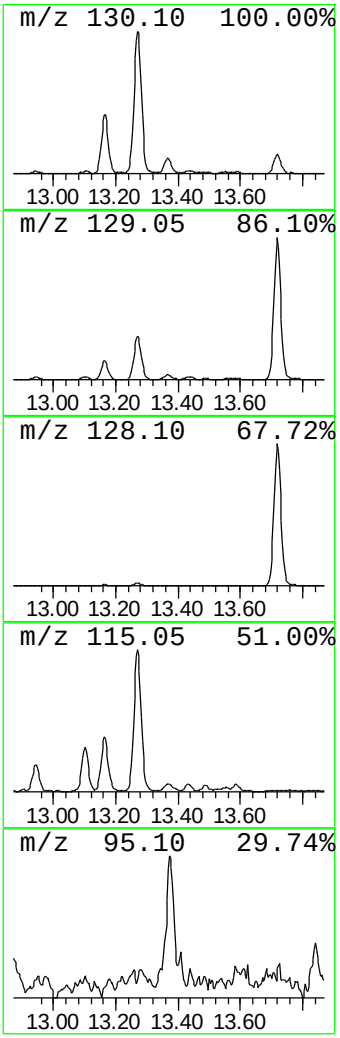
Peak Number 26 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.24 ug/L	109943	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	64
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	60
5	Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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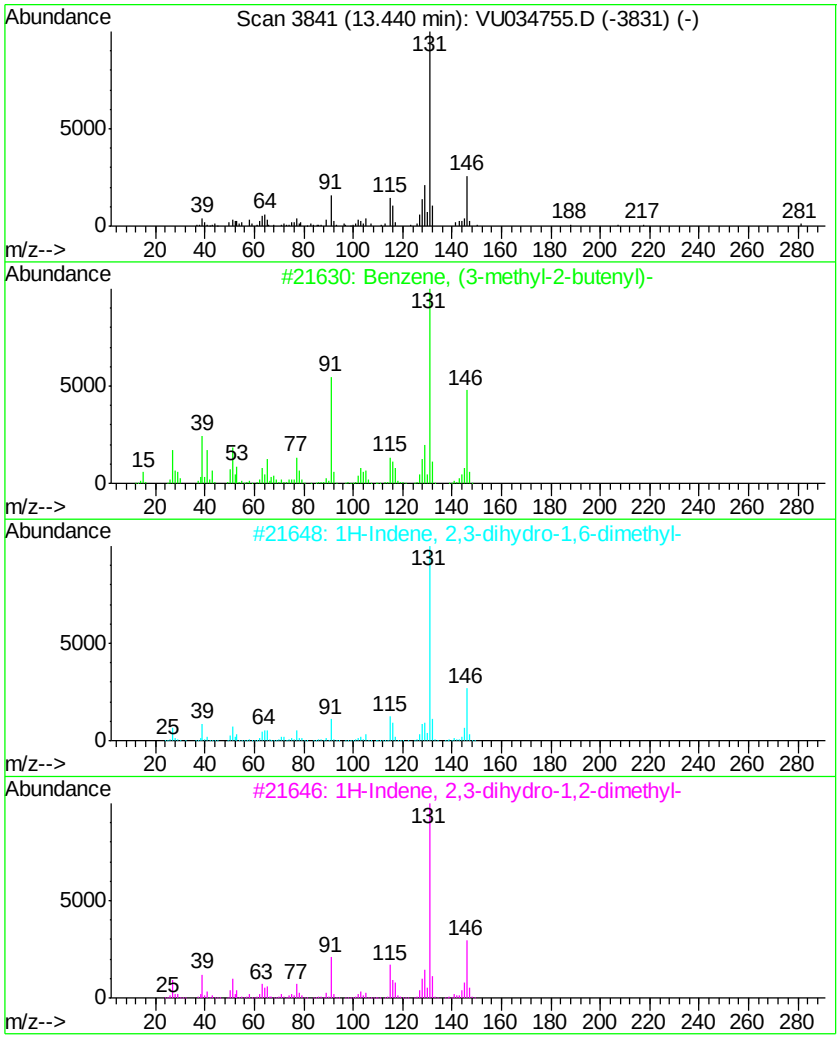
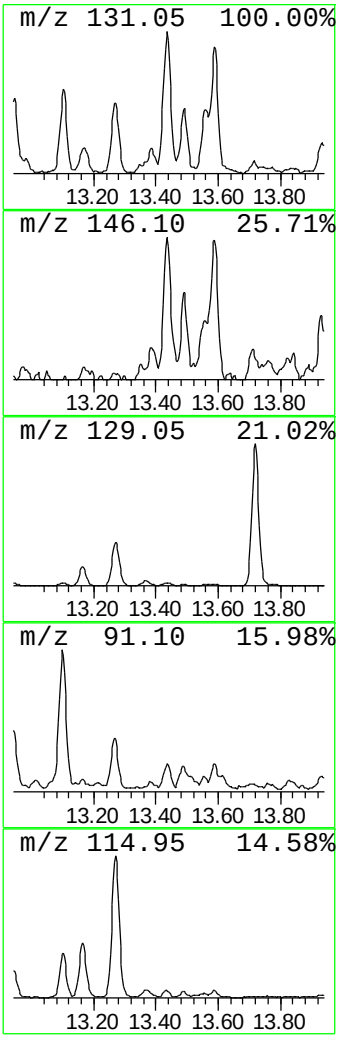
Peak Number 27 Benzene, (3-methyl-2-butenyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.73 ug/L	92676	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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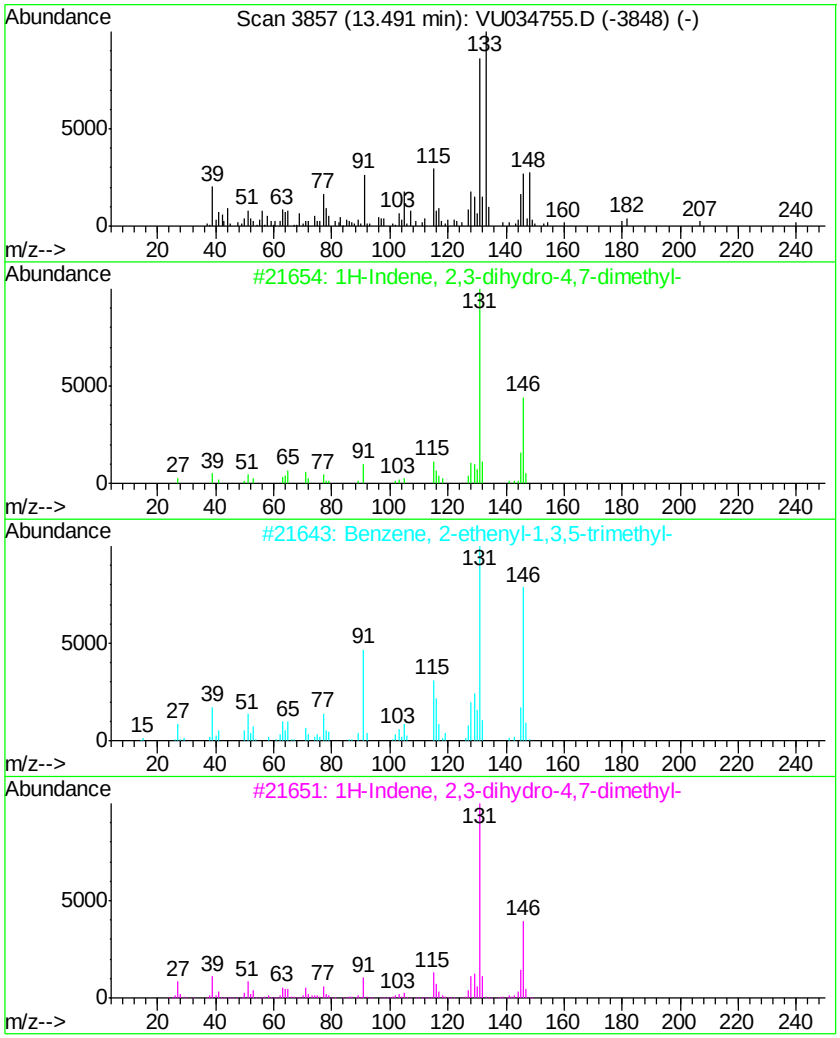
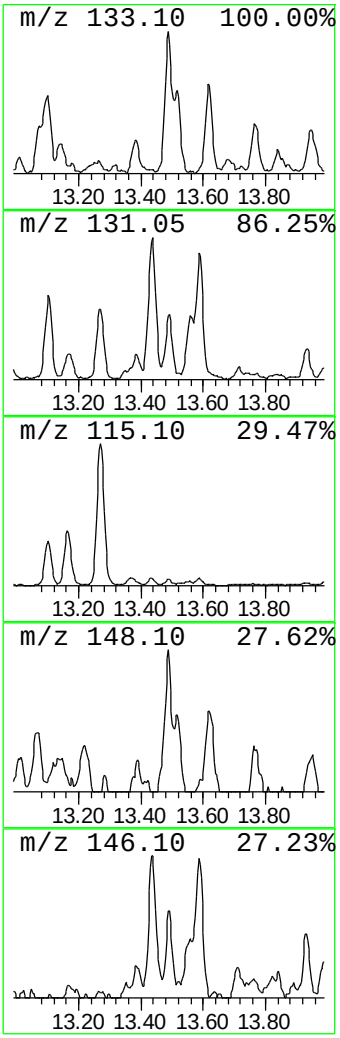
Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	3.66 ug/L	124216	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50





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Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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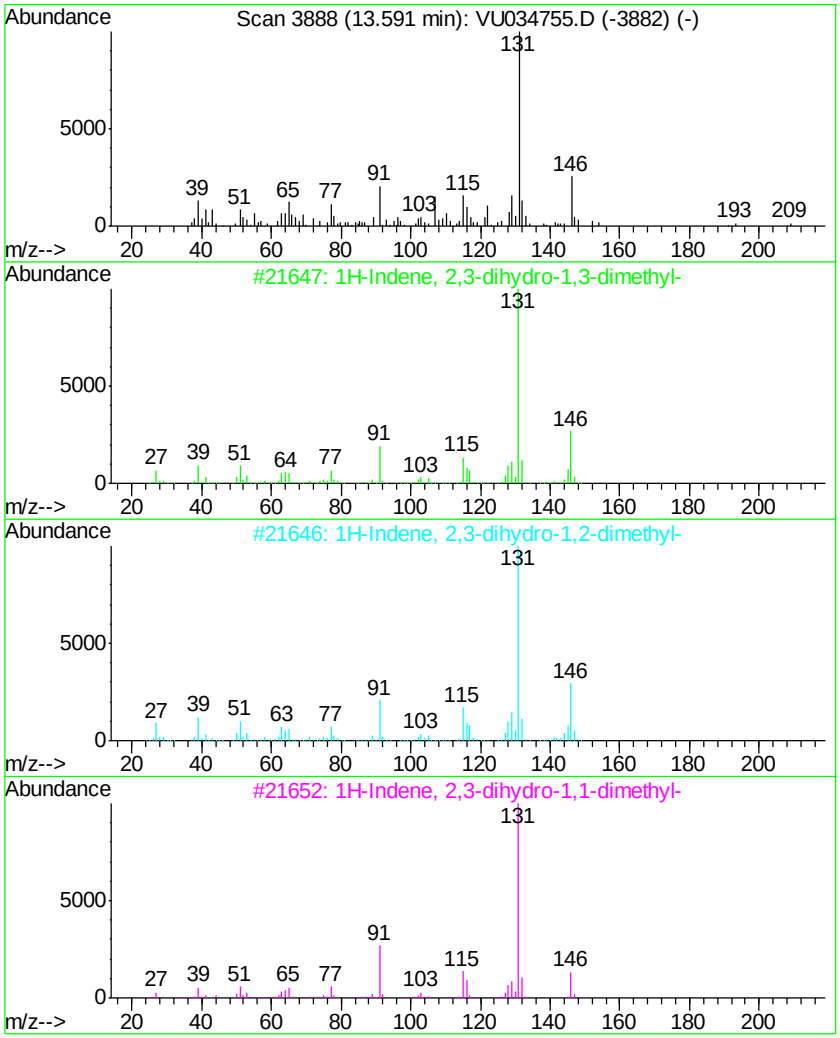
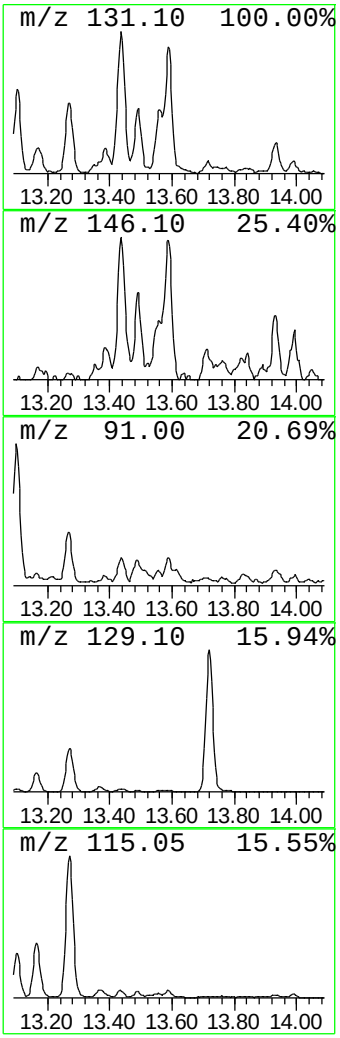
Peak Number 29 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	3.78 ug/L	128261	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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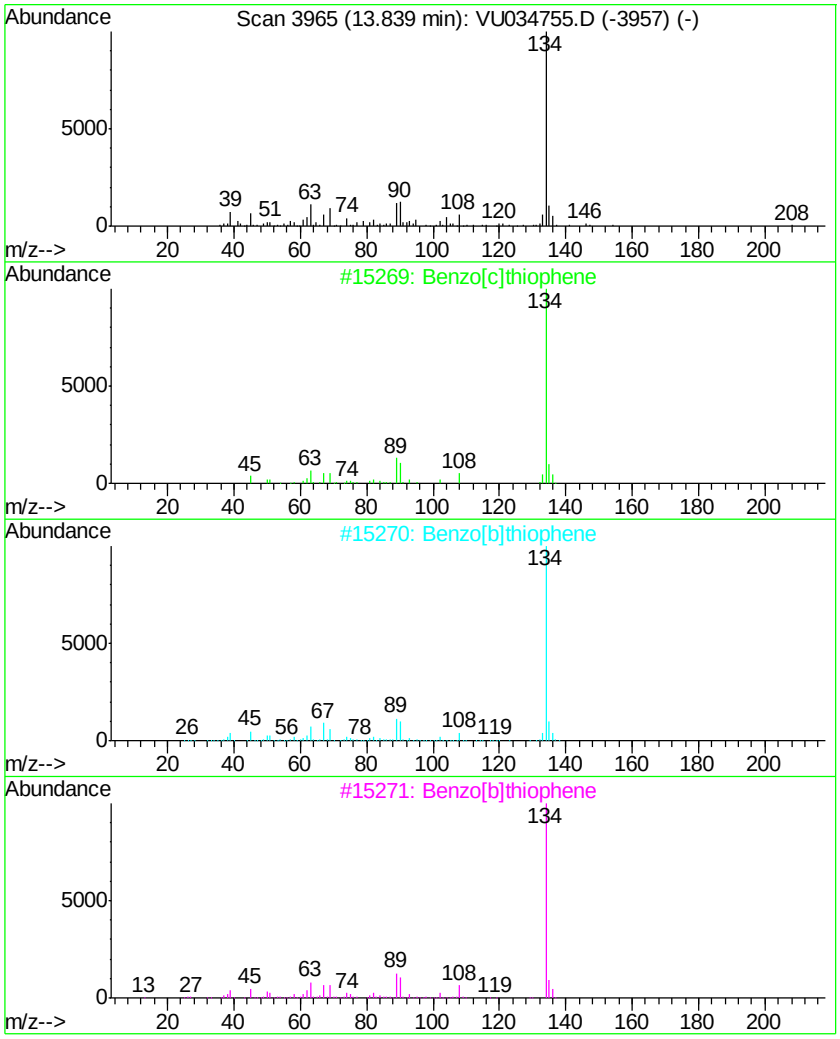
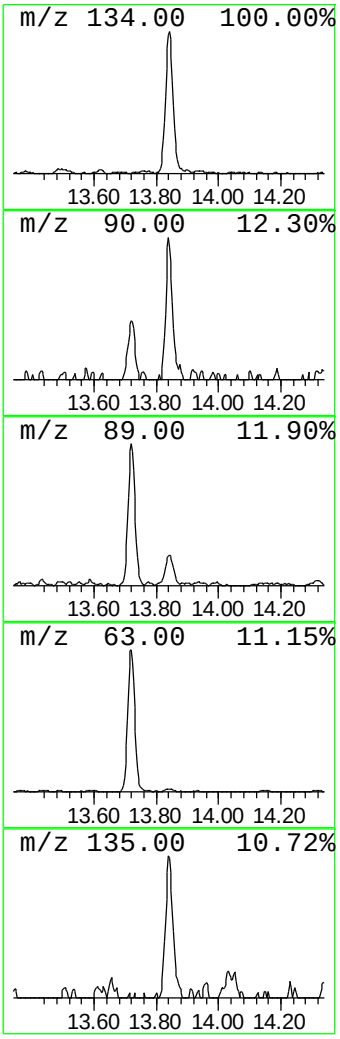
Peak Number 31 Benzo[c]thiophene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.94 ug/L	133606	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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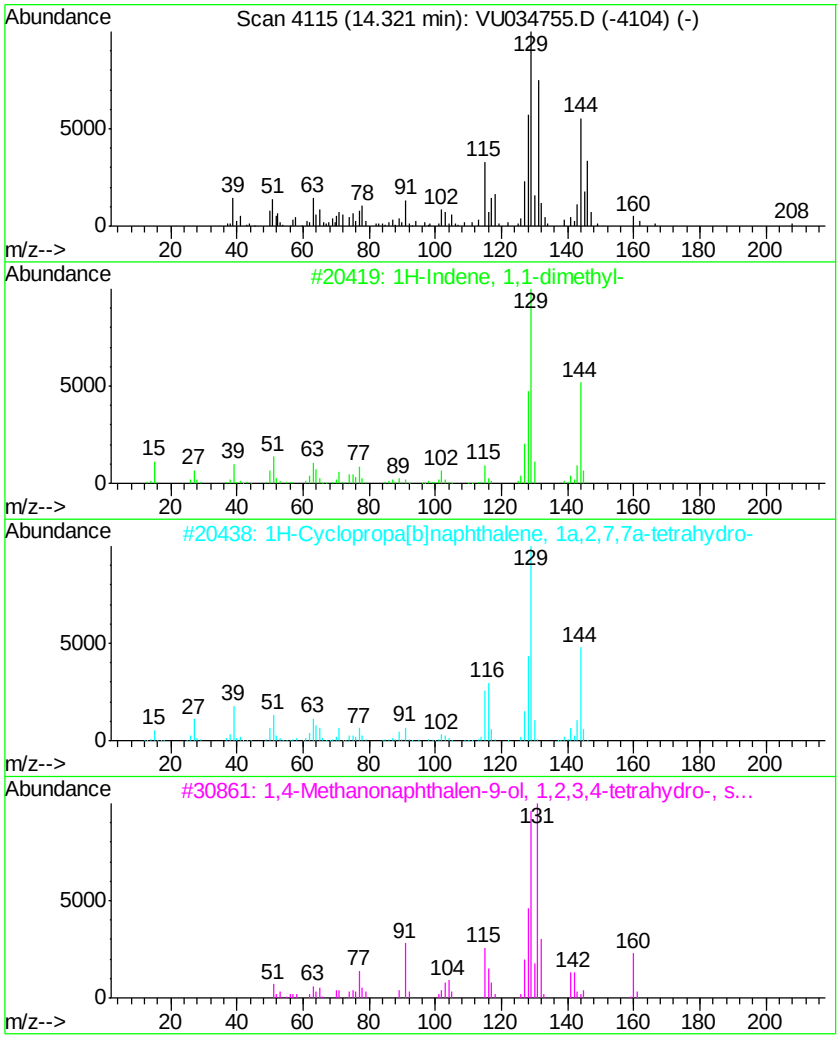
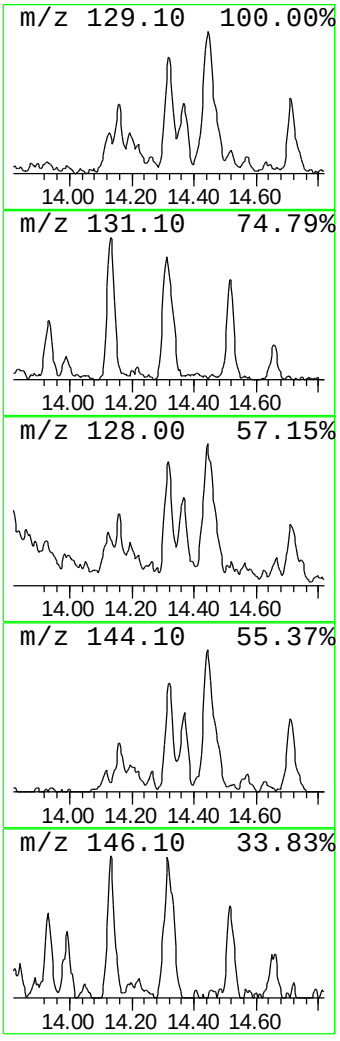
Peak Number 33 1H-Indene, 1,1-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	4.07 ug/L	138061	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	86
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	55
3	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	52
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	49
5	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	46





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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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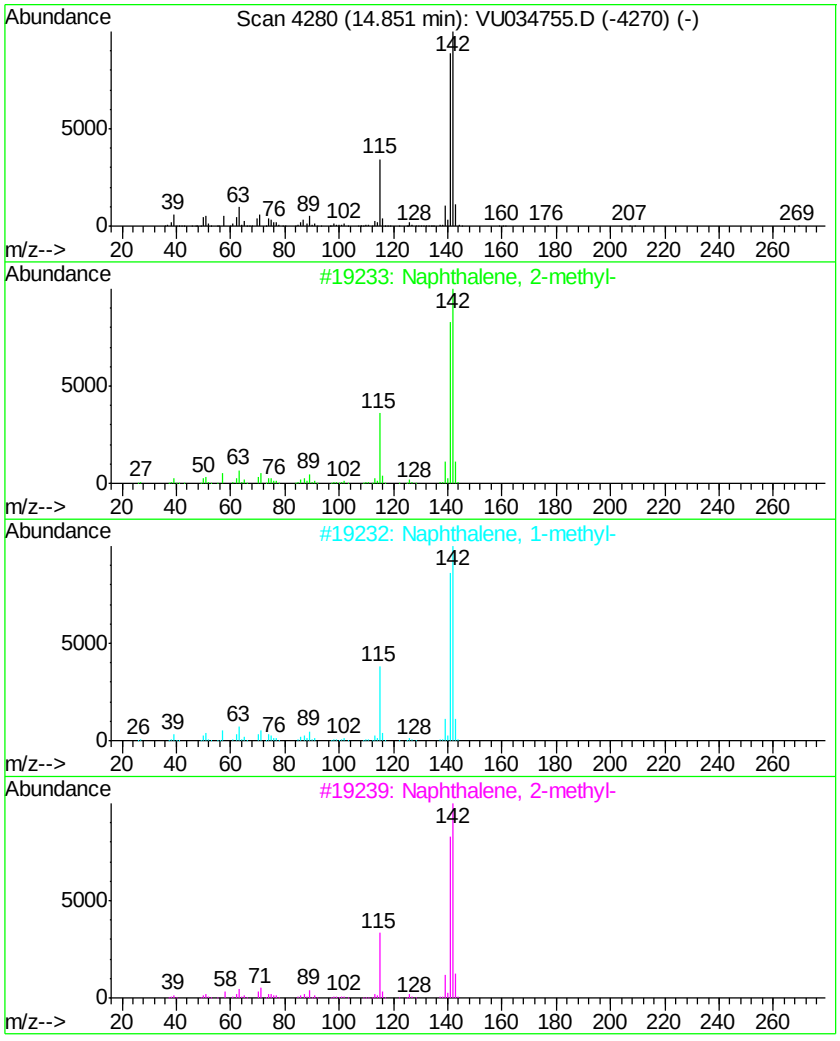
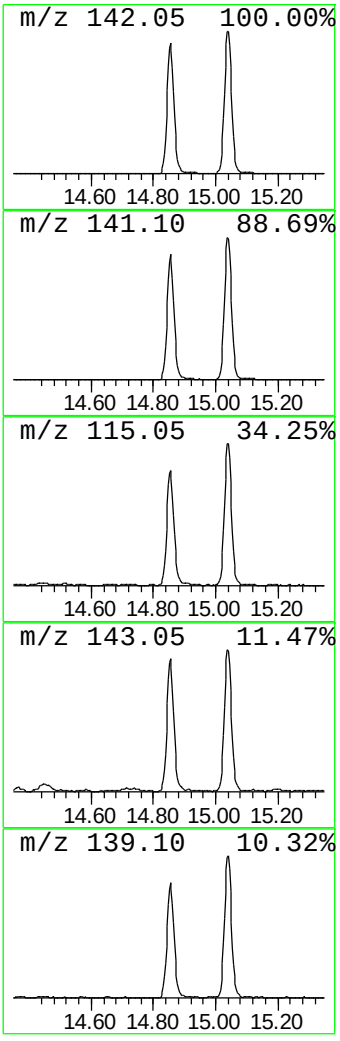
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	42.31 ug/L	1436100	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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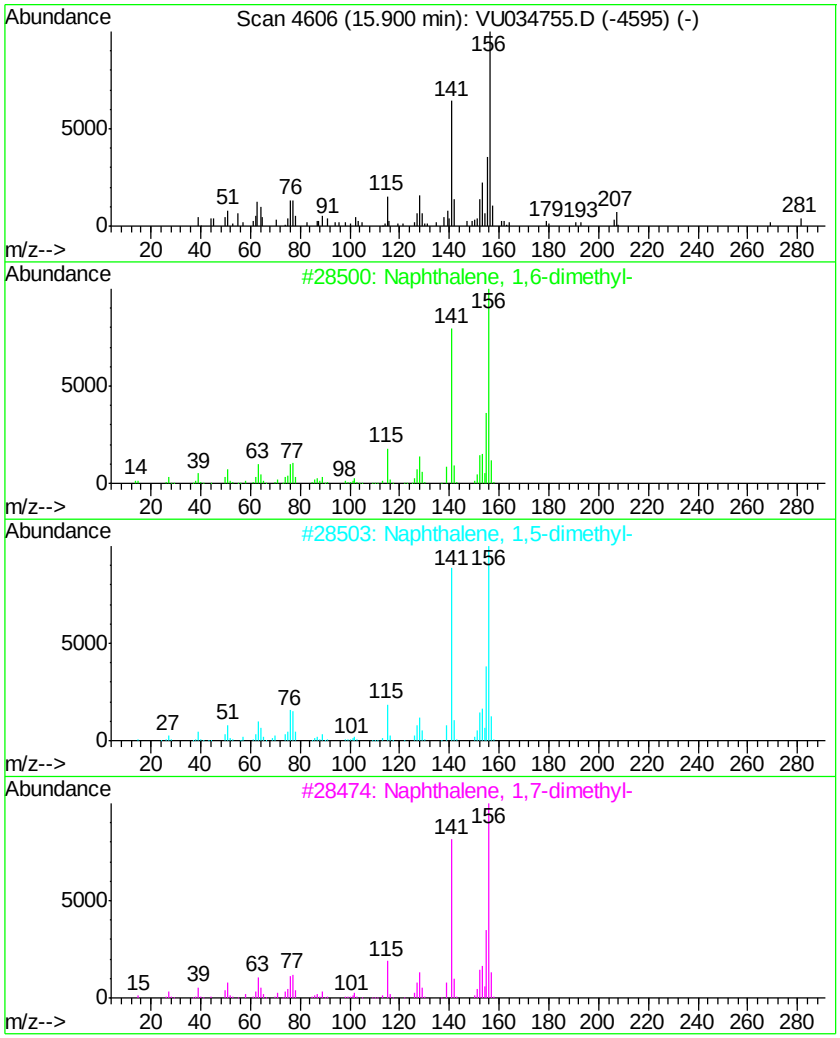
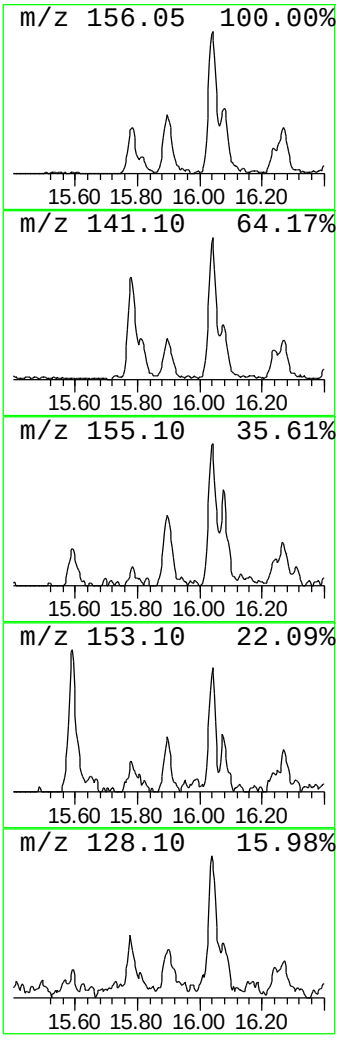
Peak Number 37 Naphthalene, 1,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.87 ug/L	97266	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

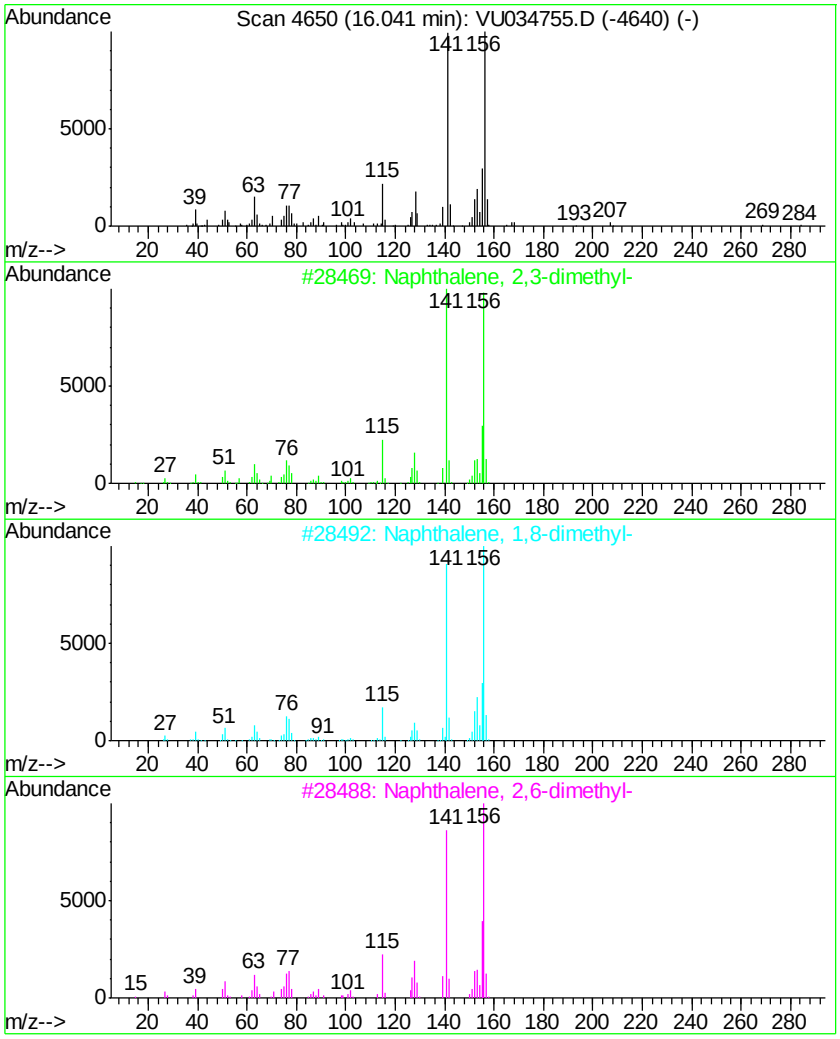
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

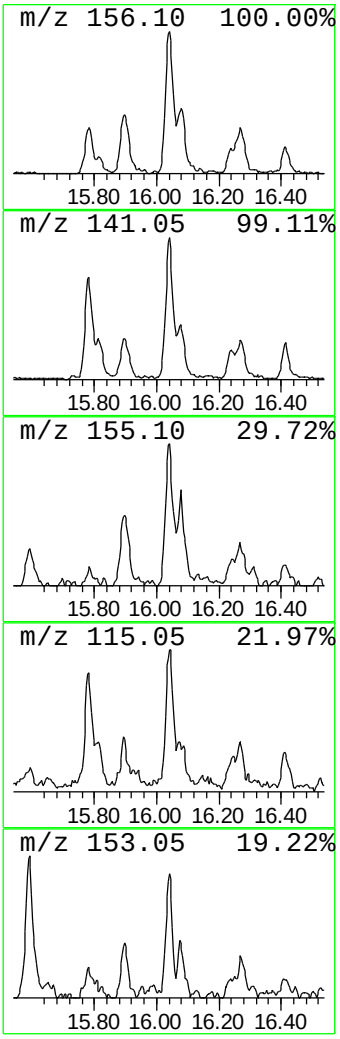
****

Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.31 ug/L	180215	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034755.D
Acq On : 24 Sep 2019 00:03
Operator : JC/SP
Sample : K4932-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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
Isopropyl acetate	5.53	8.0	ug/L	221832	1	5.86	1392330	50.0
n-Propyl acetate	6.68	124.5	ug/L	3468020	1	5.86	1392330	50.0
Propanoic acid, 2...	8.13	19.7	ug/L	717974	2	9.07	1824600	50.0
Propanoic acid, p...	8.40	28.3	ug/L	1034130	2	9.07	1824600	50.0
Butanoic acid, 1-...	8.88	36.7	ug/L	1339100	2	9.07	1824600	50.0
Benzene, propyl-	10.57	5.2	ug/L	177671	3	11.46	1696920	50.0
Benzene, 1-ethyl-...	10.66	16.3	ug/L	552589	3	11.46	1696920	50.0
Benzene, 1,2,3-tr...	10.75	8.4	ug/L	283561	3	11.46	1696920	50.0
Indane	11.74	28.4	ug/L	964212	3	11.46	1696920	50.0
1-Propyne, 3-phenyl-	11.96	9.6	ug/L	326224	3	11.46	1696920	50.0
Benzene, 2-ethyl-...	12.12	4.0	ug/L	134032	3	11.46	1696920	50.0
o-Cymene	12.23	6.2	ug/L	210270	3	11.46	1696920	50.0
Indan, 1-methyl-	12.33	6.8	ug/L	231823	3	11.46	1696920	50.0
Benzene, 1-ethyl-...	12.53	2.8	ug/L	93954	3	11.46	1696920	50.0
Benzene, 1,2,4,5-...	12.63	5.7	ug/L	193427	3	11.46	1696920	50.0
1H-Indene, 2,3-di...	12.94	7.9	ug/L	269348	3	11.46	1696920	50.0
1-Phenyl-1-butene	13.10	17.2	ug/L	584309	3	11.46	1696920	50.0
2-Methylindene	13.16	7.3	ug/L	247558	3	11.46	1696920	50.0
1H-Indene, 1-methyl-	13.27	21.2	ug/L	718088	3	11.46	1696920	50.0
Cycloprop[a]inden...	13.37	3.2	ug/L	109943	3	11.46	1696920	50.0
Benzene, (3-methy...	13.44	2.7	ug/L	92676	3	11.46	1696920	50.0
1H-Indene, 2,3-di...	13.49	3.7	ug/L	124216	3	11.46	1696920	50.0
1H-Indene, 2,3-di...	13.59	3.8	ug/L	128261	3	11.46	1696920	50.0
Benzo[c]thiophene	13.84	3.9	ug/L	133606	3	11.46	1696920	50.0
1H-Indene, 1,1-di...	14.32	4.1	ug/L	138061	3	11.46	1696920	50.0
Naphthalene, 1-me...	14.85	42.3	ug/L	1436100	3	11.46	1696920	50.0
Naphthalene, 1,6-...	15.90	2.9	ug/L	97266	3	11.46	1696920	50.0
Naphthalene, 2,3-...	16.04	5.3	ug/L	180215	3	11.46	1696920	50.0