LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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	1.392	85	94	107	rBV	336045	365325	3.59%	0.402%
2	1.466	110	117	128	rVV	85678	98615	0.97%	0.109%
3	1.540	133	140	151	rVB2	40828	59660	0.59%	0.066%
4	1.672	173	181	191	rBV	254675	320708	3.15%	0.353%
5	1.746	199	204	214	rVB3	24036	29660	0.29%	0.033%
6	2.174	330	337	345	rBV3	22912	30567	0.30%	0.034%
7	2.257	350	363	370	rVV	480118	740272	7.28%	0.815%
8	2.305	370	378	405	rVB	814357	1301281	12.79%	1.433%
9	2.428	405	416	448	rVB	375088	662848	6.52%	0.730%
10	2.685	483	496	514	rBV	221813	416834	4.10%	0.459%
11	2.778	516	525	532	rBV4	11868	24798	0.24%	0.027%
12	3.537	749	761	773	rVB3	11372	22519	0.22%	0.025%
13	3.862	850	862	878	rVB10	11424	28114	0.28%	0.031%
14	3.971	883	896	910	rBV6	12439	33681	0.33%	0.037%
15	4.064	912	925	943	rVB4	32384	88977	0.87%	0.098%
16	4.228	959	976	1002	rVV3	292238	891801	8.77%	0.982%
17	4.556	1065	1078	1089	rBV2	25523	68459	0.67%	0.075%
18	4.649	1092	1107	1127	rVV3	368658	883698	8.69%	0.973%
19	4.752	1129	1139	1151	rVB2	28653	67730	0.67%	0.075%
20	4.968	1190	1206	1222	rBV3	54651	134163	1.32%	0.148%
21	5.315	1290	1314	1323	rBV2	788754	2341252	23.02%	2.578%
22	5.366	1324	1330	1349	rVB	501263	991893	9.75%	1.092%
23	5.495	1364	1370	1389	rVB8	18094	44409	0.44%	0.049%
24	5.765	1443	1454	1471	rBV4	18915	45973	0.45%	0.051%
25	5.865	1471	1485	1501	rBV	619943	1236514	12.16%	1.361%
26	6.164	1564	1578	1606	rVB	670455	1345181	13.22%	1.481%
27	6.308	1608	1623	1637	rBV	547641	1102643	10.84%	1.214%
28	6.398	1640	1651	1675	rVB4	112569	268078	2.64%	0.295%
29	6.517	1679	1688	1693	rBV4	12761	22273	0.22%	0.025%
30	6.559	1694	1701	1711	rVB	19947	34591	0.34%	0.038%
31	6.701	1735	1745	1756	rVV	10507	22501	0.22%	0.025%
32	6.804	1764	1777	1792	rBV8	19588	54916	0.54%	0.060%
33	7.045	1837	1852	1862	rBV3	28553	57541	0.57%	0.063%
34	7.205	1891	1902	1923	rBV	296458	554201	5.45%	0.610%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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	7.437	1954	1974	1994	rBV	3622254	6363695	62.56%	7.007%
36	7.543	1995	2007	2017	rVV	1100516	1884091	18.52%	2.074%
37	7.614	2017	2029	2046	rVB	6053753	10172565	100.00%	11.201%
38	7.829	2085	2096	2103	rBV	215133	362164	3.56%	0.399%
39	7.884	2103	2113	2138	rVB	1989922	3699744	36.37%	4.074%
40	8.141	2186	2193	2203	rBV5	11817	23174	0.23%	0.026%
41	8.205	2203	2213	2227	rVB4	123043	208768	2.05%	0.230%
42	8.292	2230	2240	2243	rVV	127436	190540	1.87%	0.210%
43	8.334	2243	2253	2276	rVV3	774467	1678643	16.50%	1.848%
44	8.440	2280	2286	2304	rVB8	47361	102254	1.01%	0.113%
45	9.029	2457	2469	2470	rBV5	19107	25549	0.25%	0.028%
46	9.067	2470	2481	2492	rBV	922412	1517137	14.91%	1.670%
47	9.228	2519	2531	2542	rBV	1413723	2268315	22.30%	2.498%
48	9.350	2556	2569	2587	rBV	5128967	8283783	81.43%	9.121%
49	9.476	2602	2608	2617	rVB3	43569	68475	0.67%	0.075%
50	9.582	2635	2641	2655	rBV	37993	61749	0.61%	0.068%
51	9.755	2683	2695	2729	rVB	3302197	5348144	52.57%	5.889%
52	9.903	2730	2741	2754	rBV	77714	158373	1.56%	0.174%
53	10.144	2805	2816	2827	rVB	134521	211682	2.08%	0.233%
54	10.305	2858	2866	2873	rVB9	13072	23890	0.23%	0.026%
55	10.566	2936	2947	2959	rBV	315983	510881	5.02%	0.563%
56	10.659	2959	2976	2994	rVV	1385471	2952127	29.02%	3.250%
57	10.749	2994	3004	3030	rVB	939058	1517055	14.91%	1.670%
58	10.893	3040	3049	3057	rBV2	143988	233442	2.29%	0.257%
59	10.948	3057	3066	3086	rVB	731484	1175368	11.55%	1.294%
60	11.125	3109	3121	3136	rBV	3308057	5020652	49.35%	5.528%
61	11.234	3146	3155	3169	rVV	373161	666995	6.56%	0.734%
62	11.321	3170	3182	3198	rVV5	200980	592072	5.82%	0.652%
63	11.401	3201	3207	3215	rVV2	137810	249958	2.46%	0.275%
64	11.459	3215	3225	3240	rVV	1035116	1695081	16.66%	1.866%
65	11.546	3241	3252	3276	rVB	1360955	2120356	20.84%	2.335%
66	11.739	3298	3312	3322	rBV3	1203305	2584191	25.40%	2.845%
67	11.839	3333	3343	3370	rVB4	1366936	2909147	28.60%	3.203%
68	11.958	3372	3380	3393	rVV	107137	181023	1.78%	0.199%
69	12.032	3395	3403	3417	rVB	119508	202252	1.99%	0.223%
70	12.122	3422	3431	3436	rBV	223630	343290	3.37%	0.378%
71	12.154	3437	3441	3453	rVB	206254	272040	2.67%	0.300%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
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Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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	12.228	3455	3464	3471	rBV	319464	481265	4.73%	0.530%
73	12.331	3486	3496	3519	rBV2	276936	546340	5.37%	0.602%
74	12.527	3548	3557	3568	rVB2	127800	211277	2.08%	0.233%
75	12.594	3570	3578	3581	rVV4	56344	77262	0.76%	0.085%
76	12.627	3582	3588	3596	rVV	239552	345560	3.40%	0.380%
77	12.681	3596	3605	3622	rVB	378350	590613	5.81%	0.650%
78	12.765	3624	3631	3637	rBV4	29345	44429	0.44%	0.049%
79	12.942	3677	3686	3701	rVB	303044	451416	4.44%	0.497%
80	13.099	3717	3735	3747	rBV3	646722	1092220	10.74%	1.203%
81	13.167	3750	3756	3765	rVV4	80732	133544	1.31%	0.147%
82	13.215	3767	3771	3778	rVV3	23039	29625	0.29%	0.033%
83	13.266	3778	3787	3809	rVB2	156065	273193	2.69%	0.301%
84	13.376	3811	3821	3831	rBV5	90041	158517	1.56%	0.175%
85	13.434	3831	3839	3847	rVV2	67176	112325	1.10%	0.124%
86	13.488	3847	3856	3870	rVV4	101756	218701	2.15%	0.241%
87	13.556	3873	3877	3881	rVV2	43427	58650	0.58%	0.065%
88	13.588	3881	3887	3908	rVB4	90697	202239	1.99%	0.223%
89	13.720	3913	3928	3954	rVV	1939048	3164158	31.10%	3.484%
90	13.839	3957	3965	3979	rVB	118228	195556	1.92%	0.215%
91	13.932	3987	3994	4004	rBV5	27726	50225	0.49%	0.055%
92	13.987	4007	4011	4021	rVB4	27249	42086	0.41%	0.046%
93	14.131	4047	4056	4071	rBV	59585	103485	1.02%	0.114%
94	14.315	4103	4113	4126	rBV5	56242	127558	1.25%	0.140%
95	14.453	4150	4156	4166	rVV4	23896	38692	0.38%	0.043%
96	14.514	4166	4175	4188	rVB2	61303	108351	1.07%	0.119%
97	14.800	4255	4264	4270	rBV	27907	40452	0.40%	0.045%
98	14.855	4270	4281	4310	rVV	558326	970908	9.54%	1.069%
99	15.038	4328	4338	4359	rVB	375145	639785	6.29%	0.704%
100	16.044	4642	4651	4658	rBV3	27065	43425	0.43%	0.048%

Sum of corrected areas: 90822198

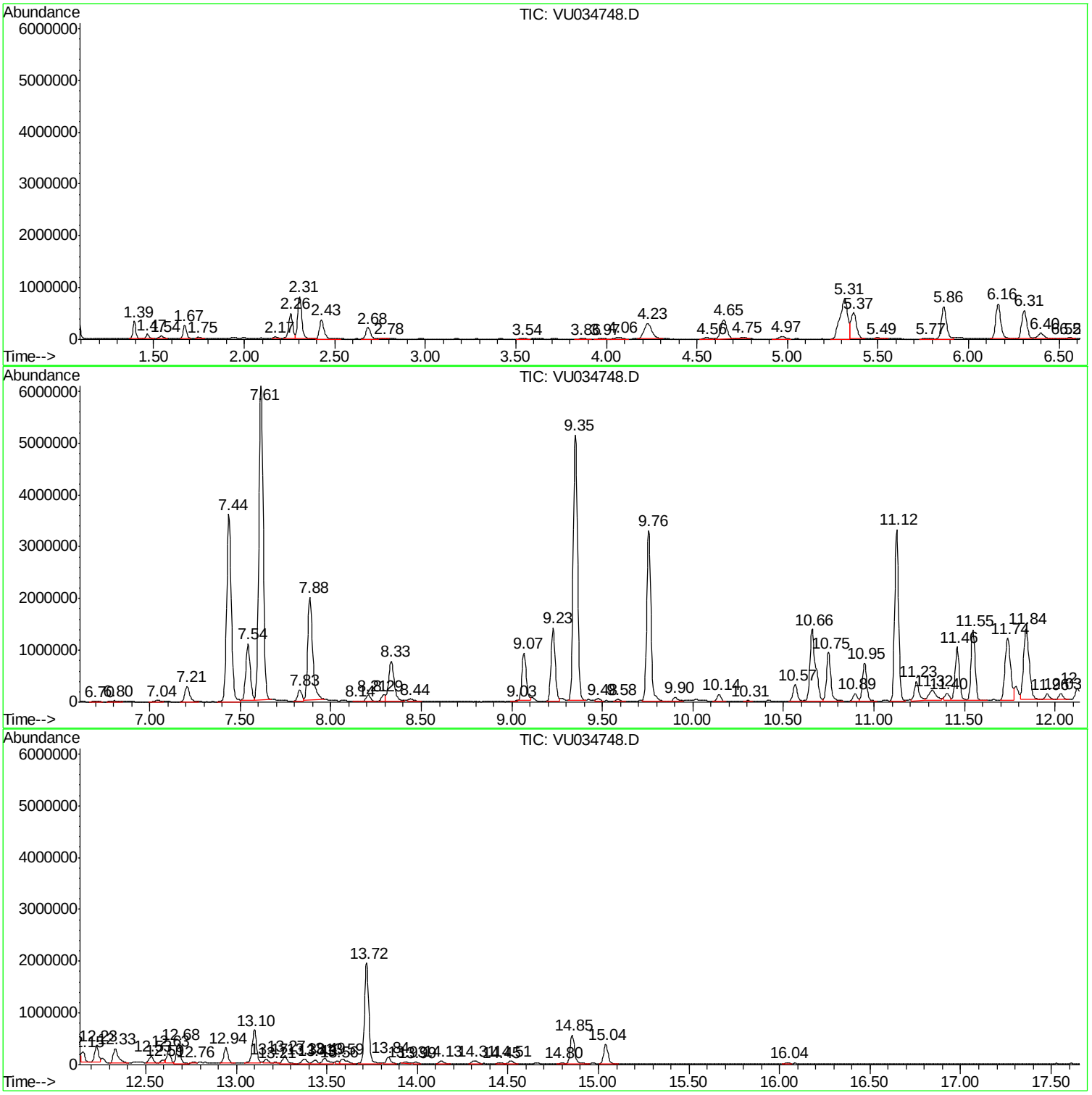
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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 : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

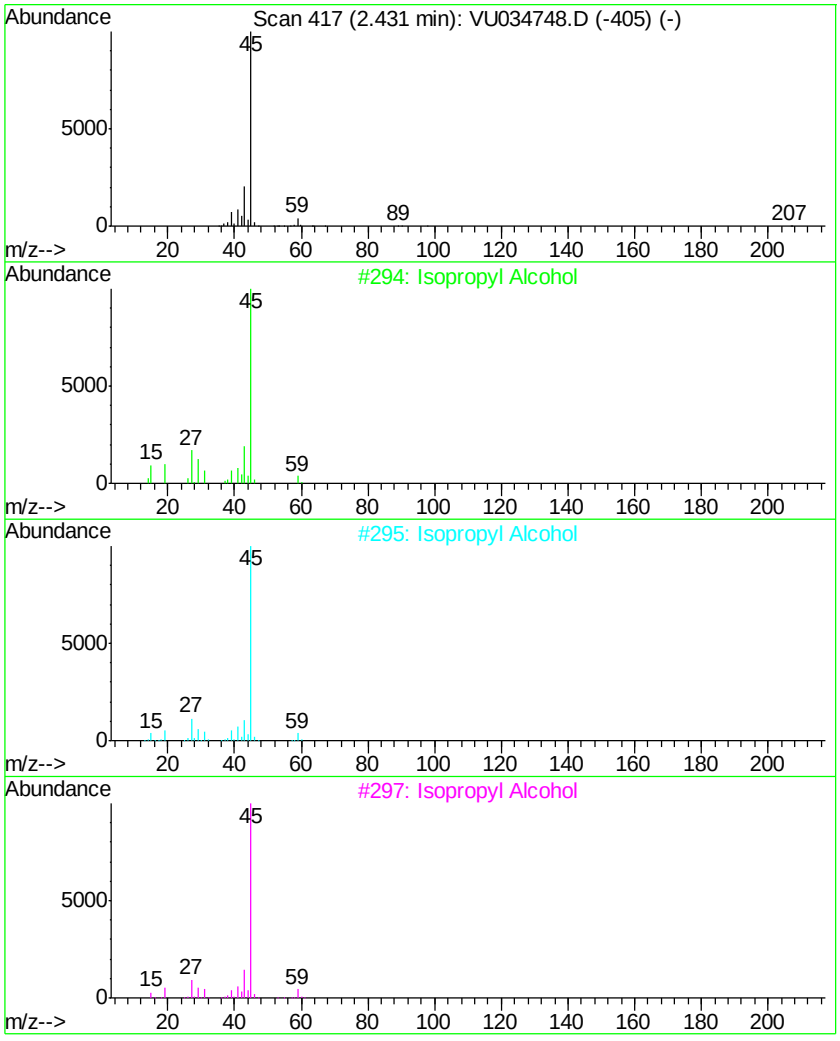
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

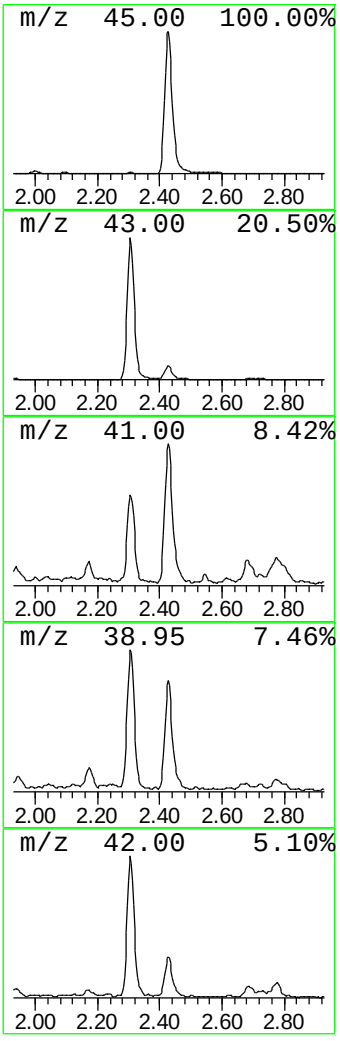
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	26.80 ug/L	662848	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

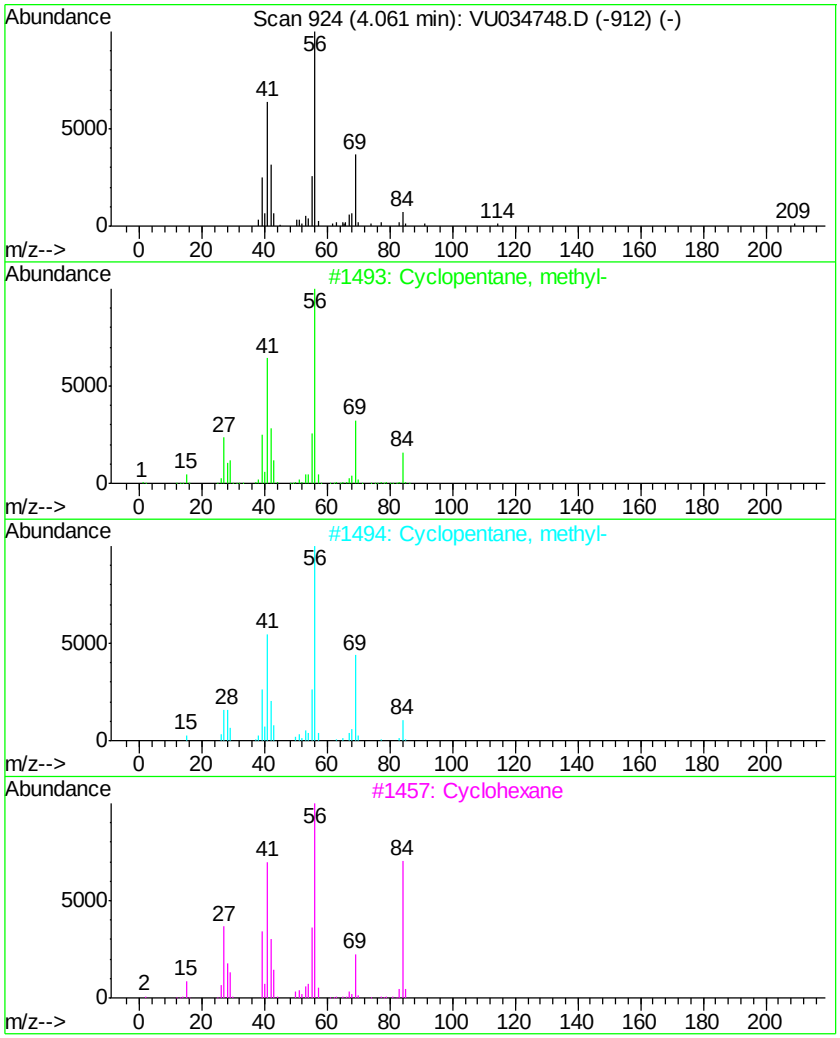
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

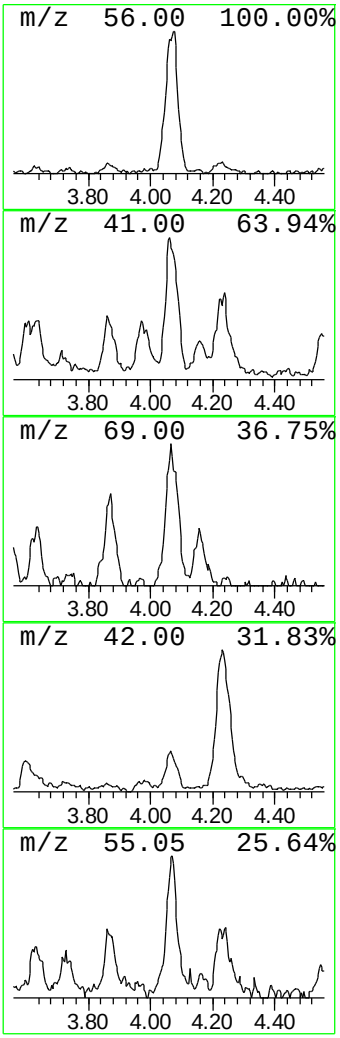
****

Peak Number 3 (DEL) Alkane: Cyclic4.06 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	3.60 ug/L	88977	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclohexane	84	C6H12	000110-82-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

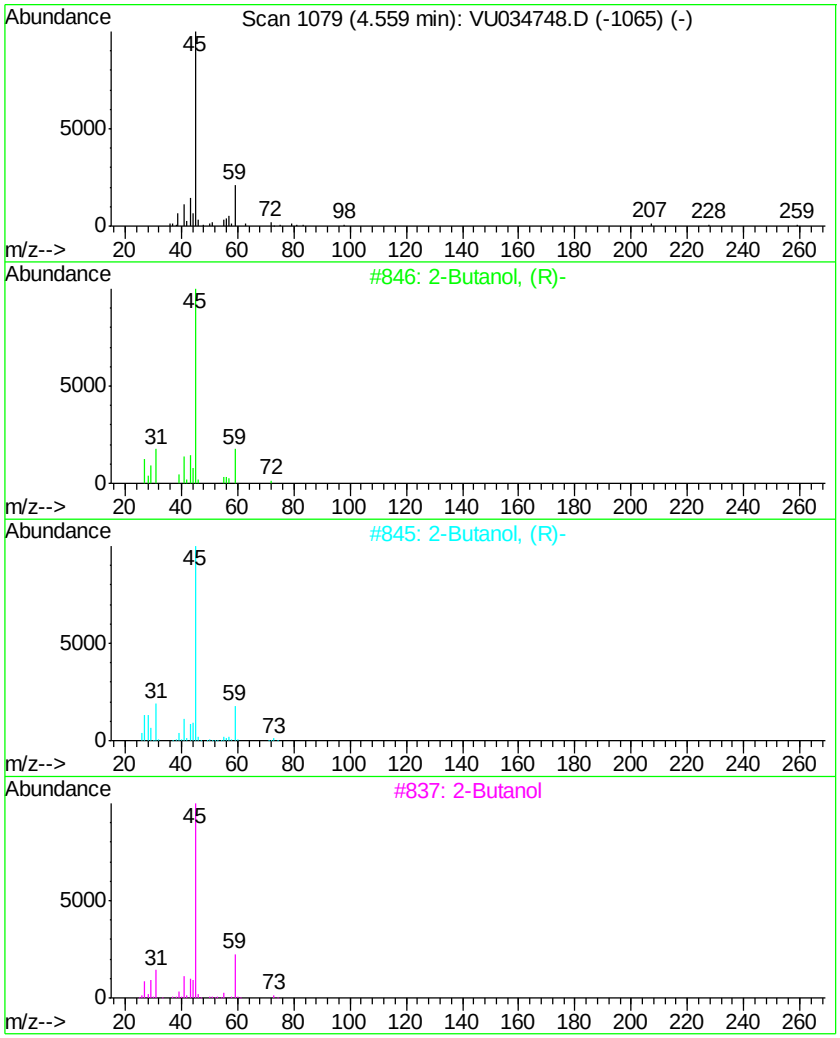
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

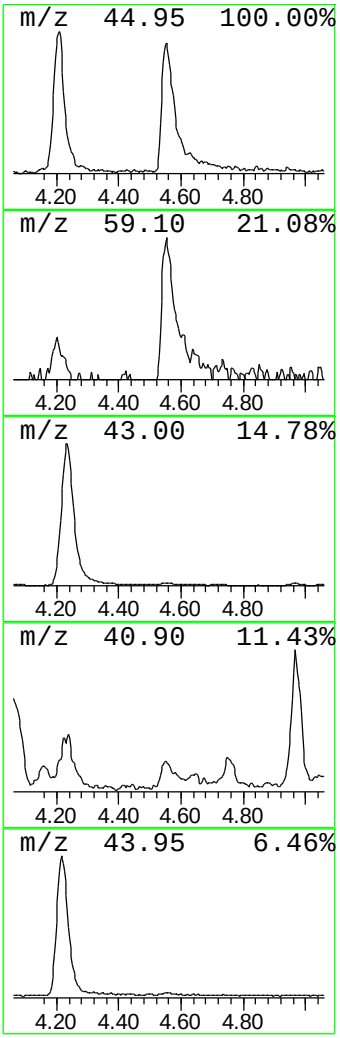
****

Peak Number 4 2-Butanol, (R)- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.77 ug/L	68459	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, (R)-	74	C4H10O	014898-79-4	78
2	2-Butanol, (R)-	74	C4H10O	014898-79-4	72
3	2-Butanol	74	C4H10O	000078-92-2	72
4	2-Butanol	74	C4H10O	000078-92-2	72
5	2,3-Butanediol, [R-(R*,R*)]-	90	C4H10O2	024347-58-8	42





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

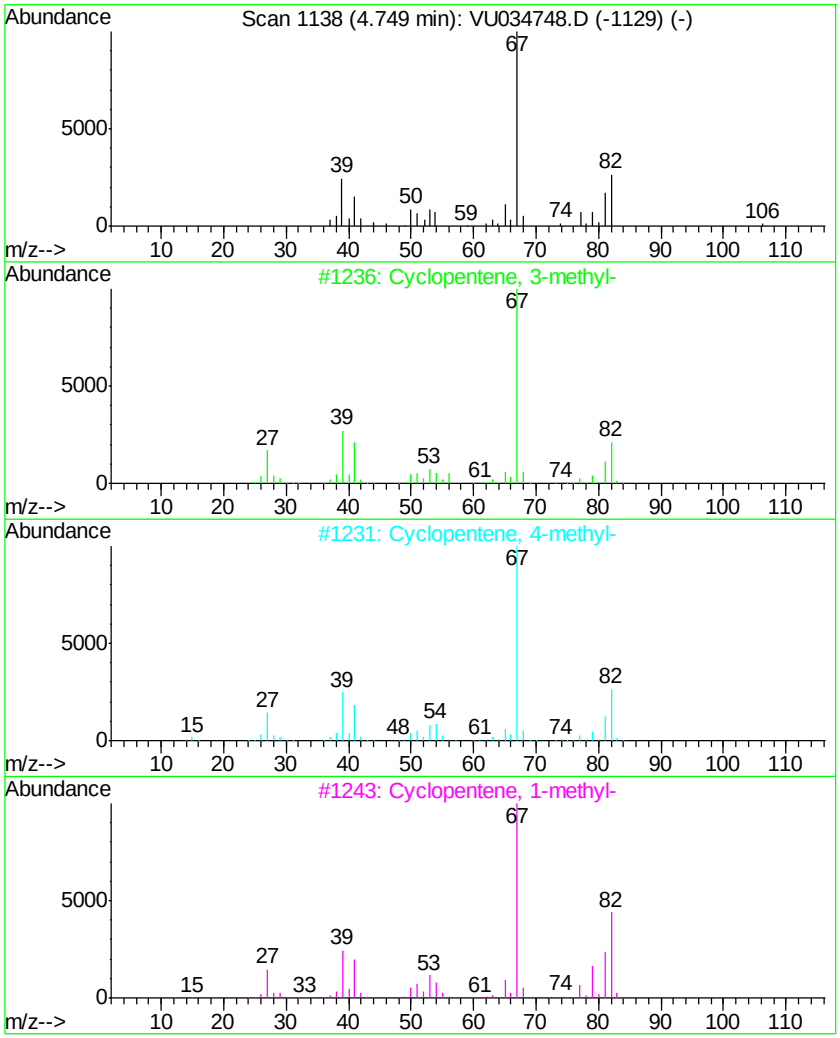
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

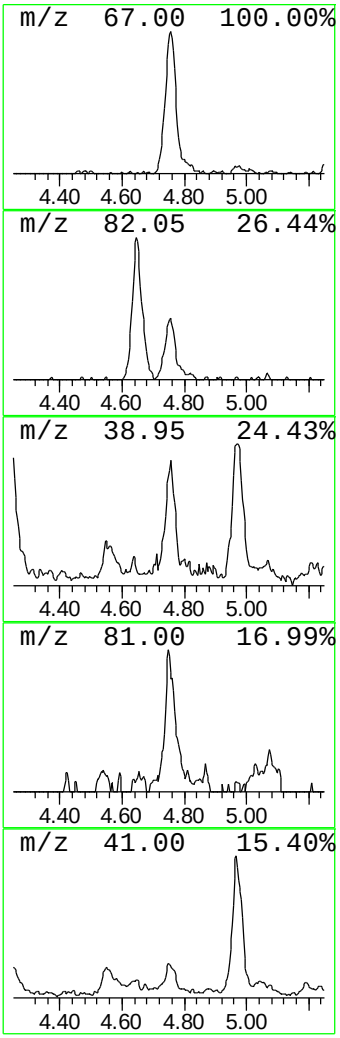
****

Peak Number 5 Cyclopentene, 3-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.74 ug/L	67730	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

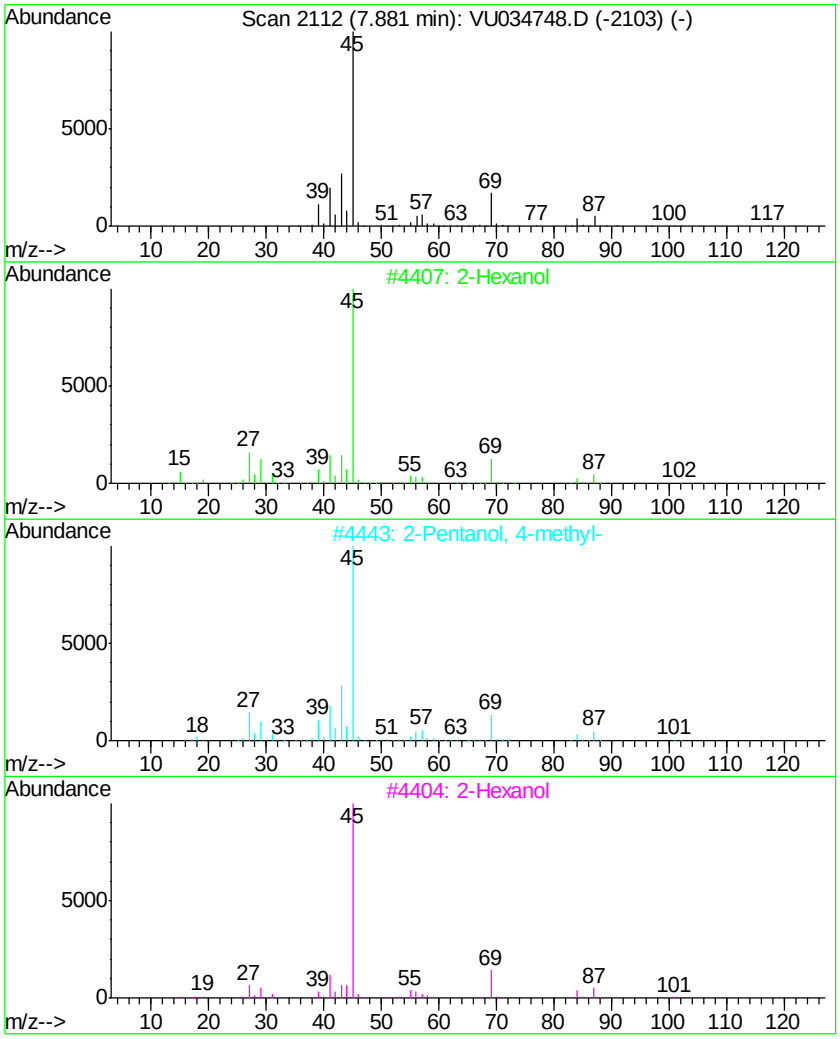
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

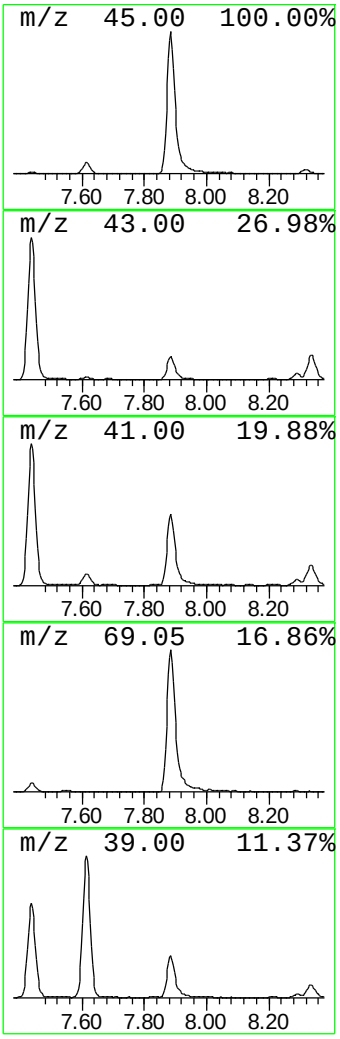
****

Peak Number 7 2-Hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	121.93 ug/L	3699740	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol	102	C6H14O	000626-93-7	78
4	2-Hexanol	102	C6H14O	000626-93-7	64
5	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

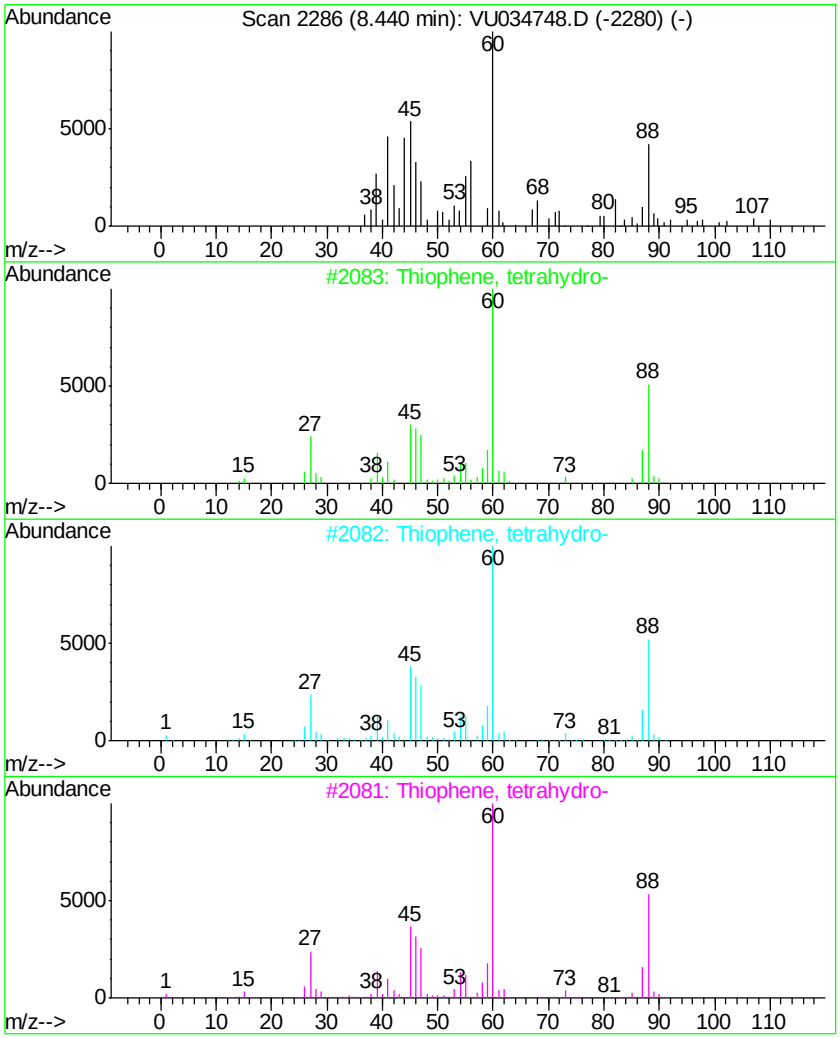
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

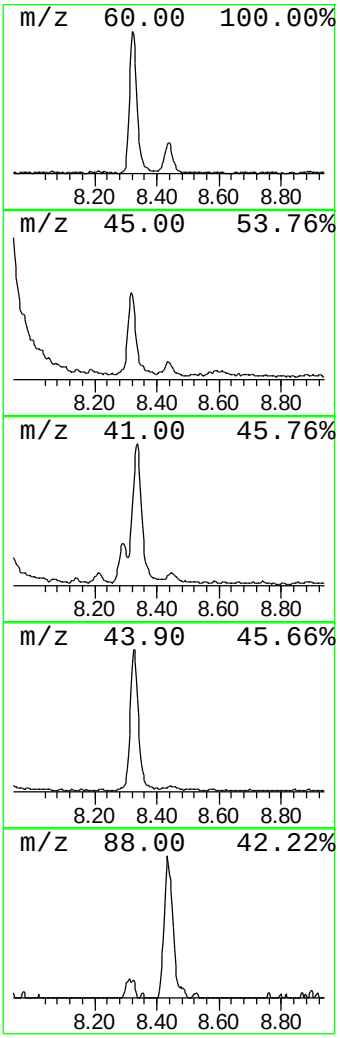
****

Peak Number 8 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	3.37 ug/L	102254	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	49
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	47
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	38
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	37
5	L-Serine, methyl ester	119	C4H9NO3	002788-84-3	25





Library Search Compound Report

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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

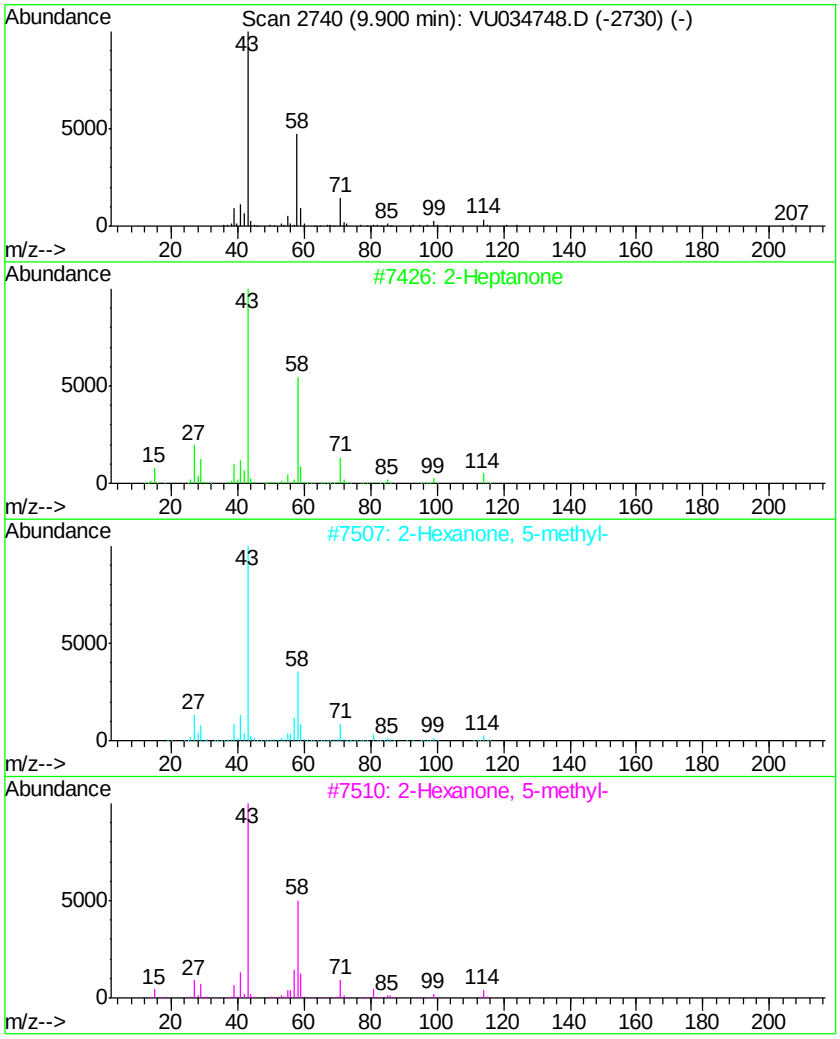
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

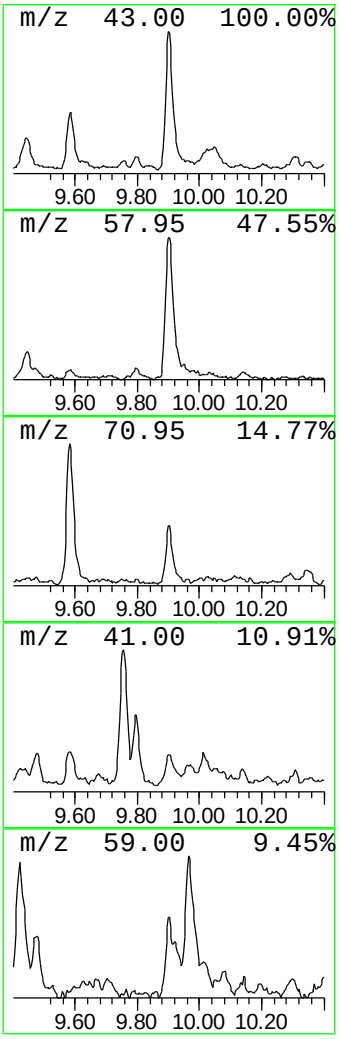
****

Peak Number 9 2-Heptanone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.22 ug/L	158373	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
5	2-Heptanone	114	C7H14O	000110-43-0	86





Library Search Compound Report

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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

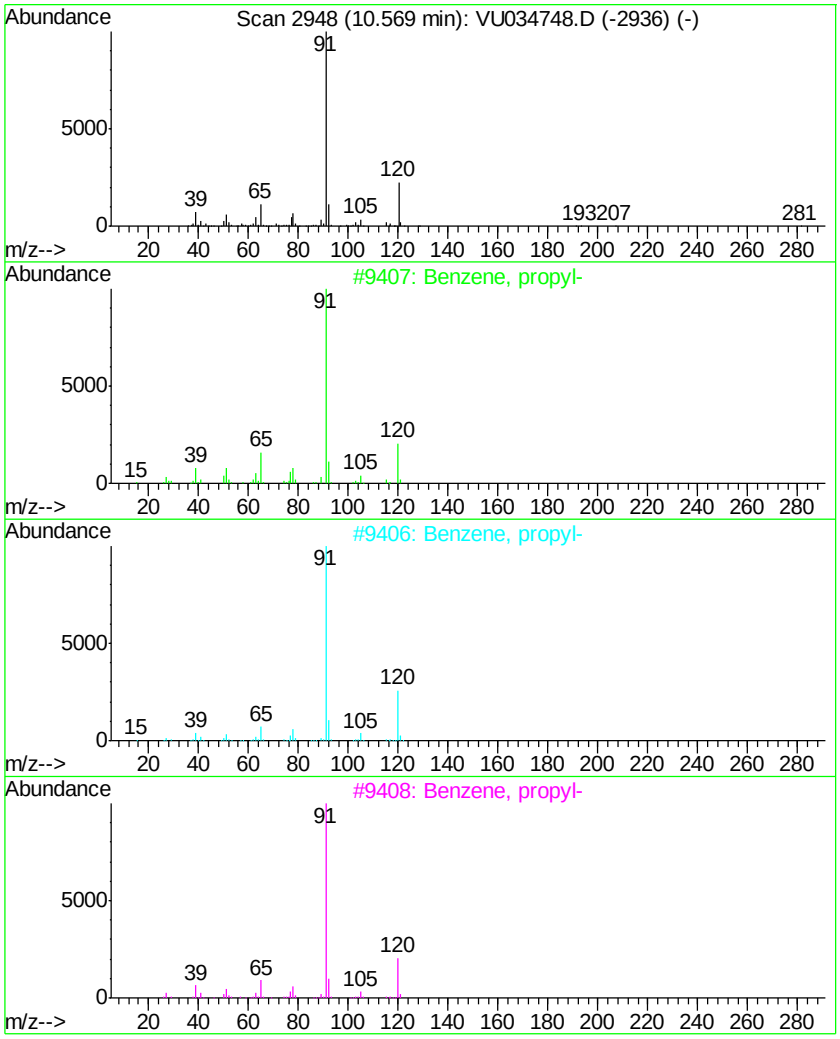
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

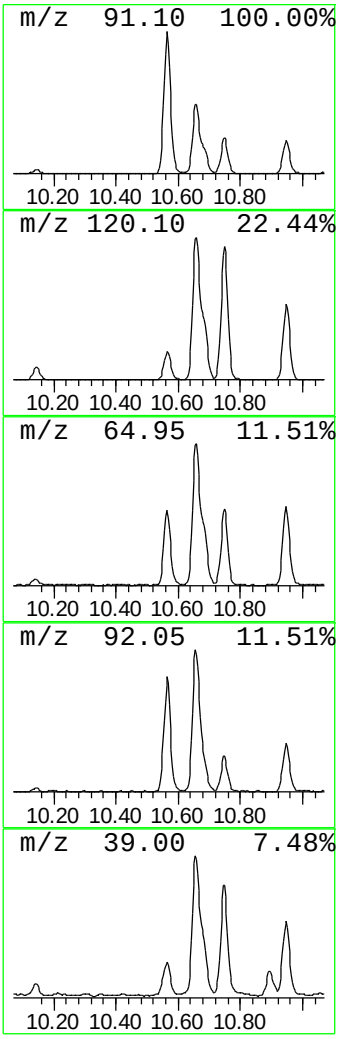
****

Peak Number 10 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	15.07 ug/L	510881	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

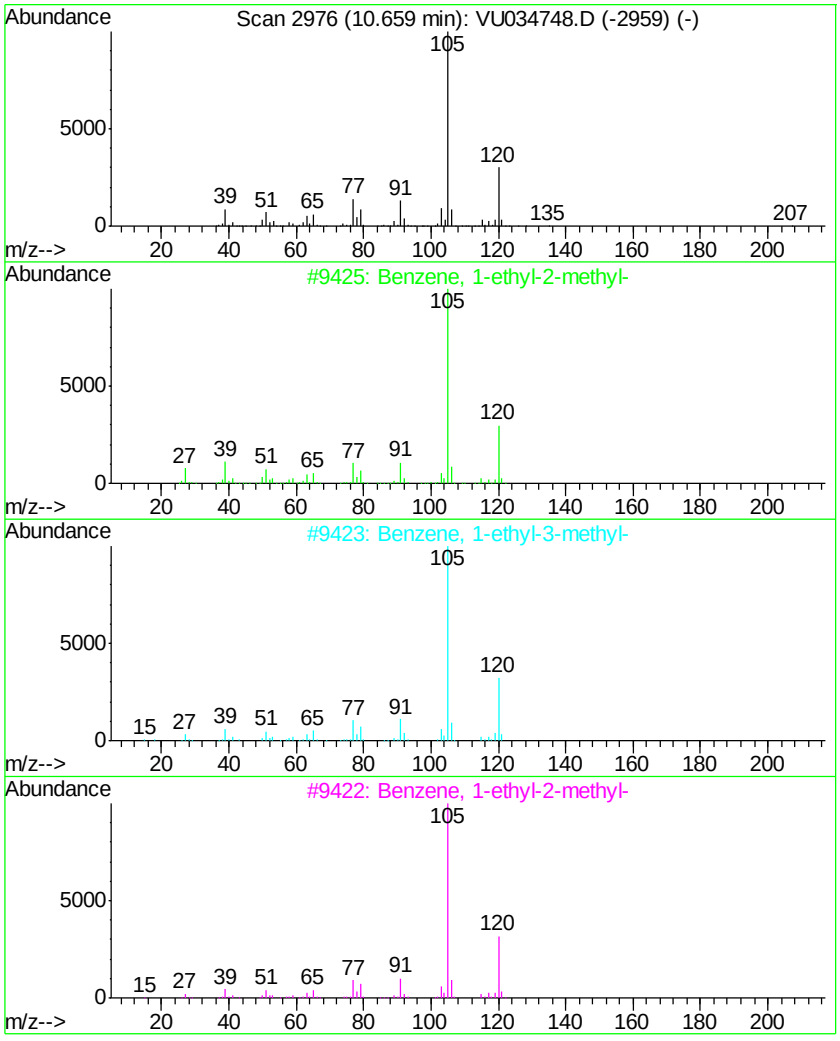
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

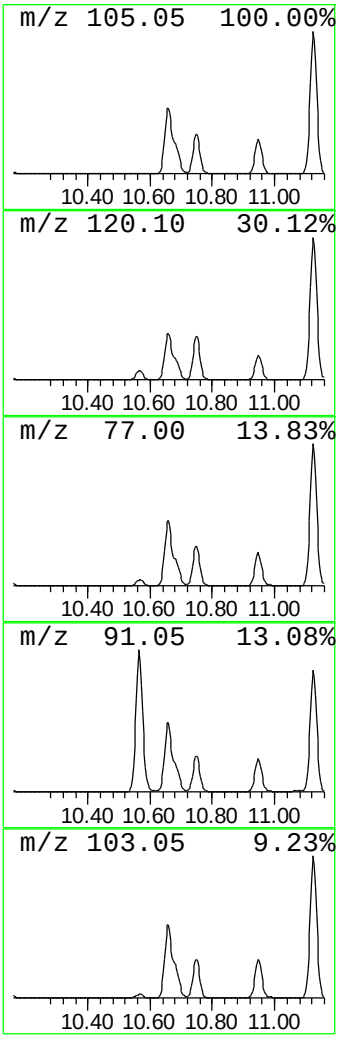
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	87.08 ug/L	2952130	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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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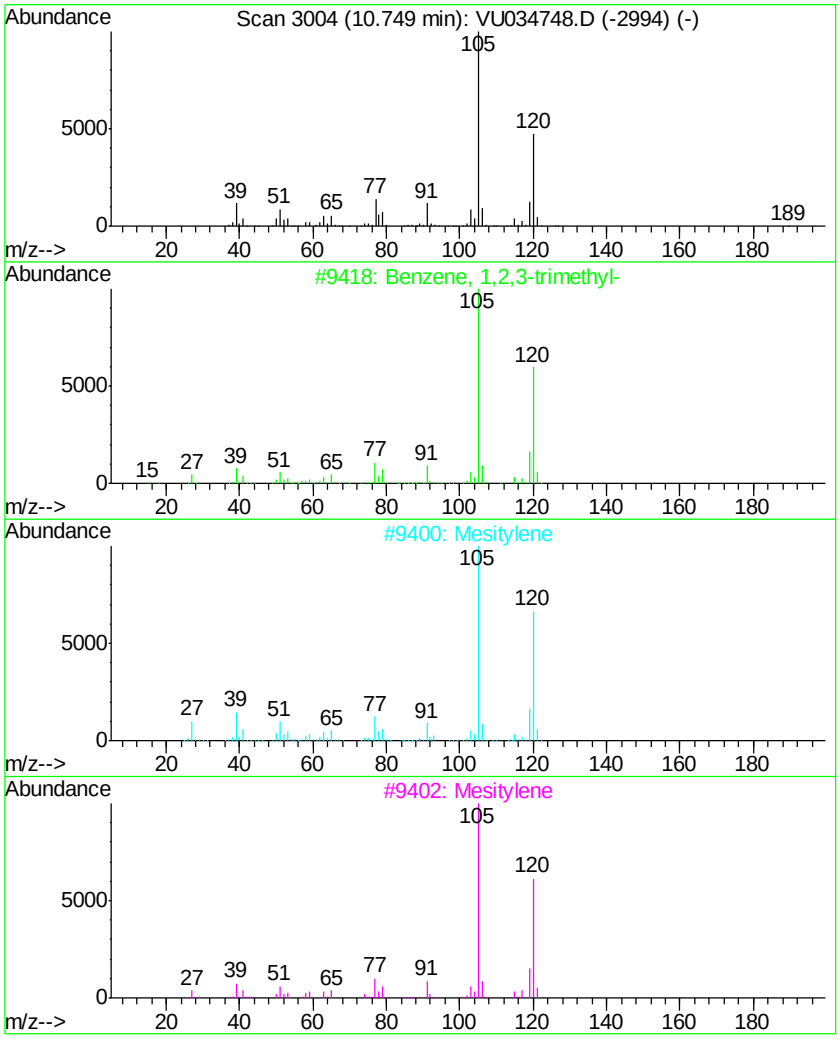
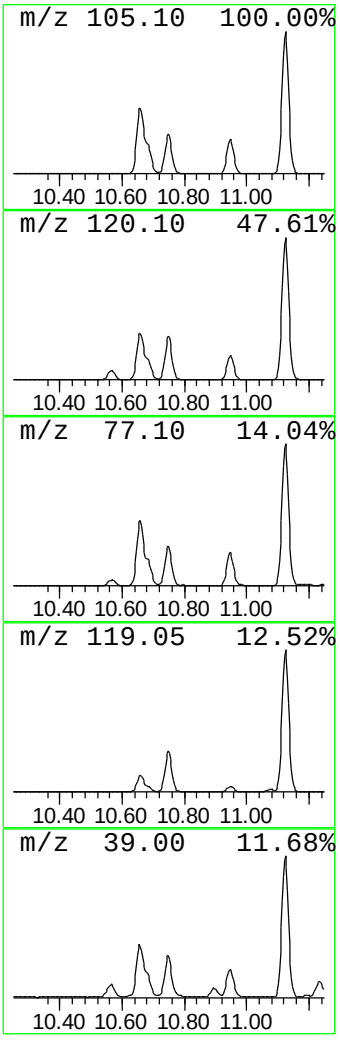
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	44.75 ug/L	1517060	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	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

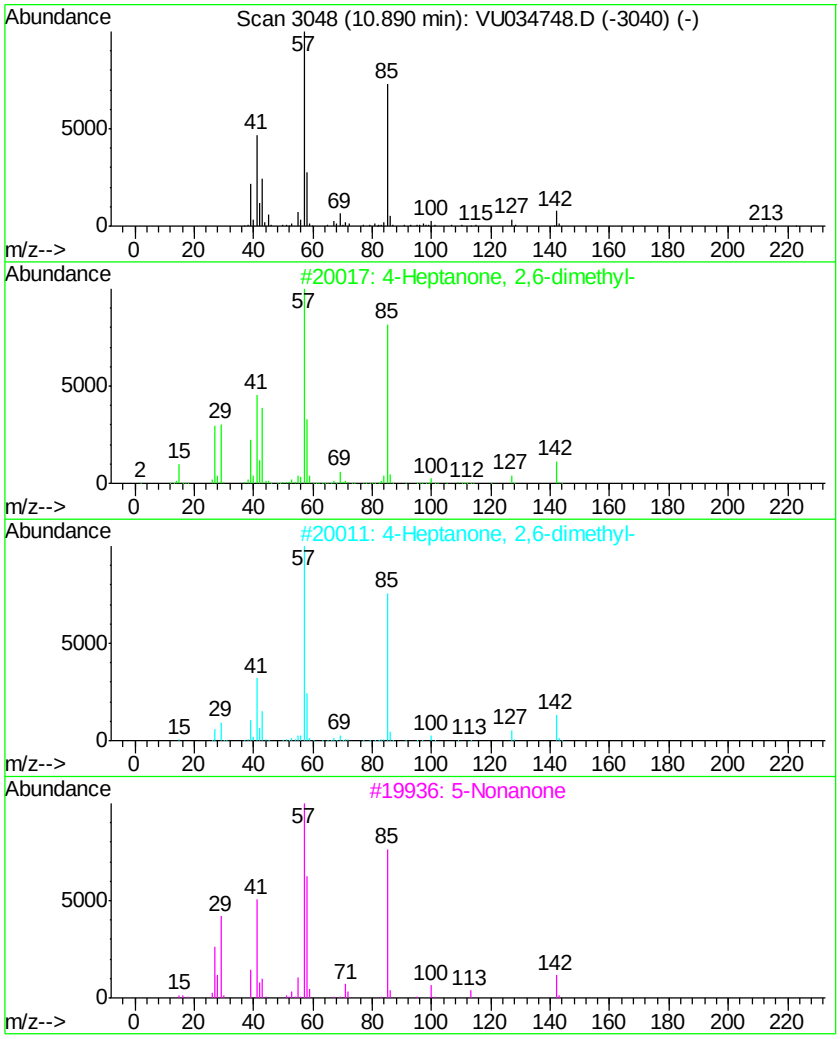
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

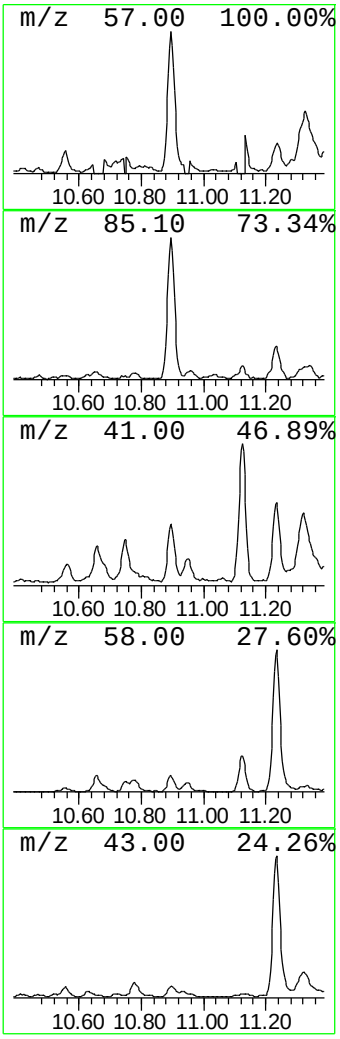
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Heptanone, 2,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	6.89 ug/L	233442	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	80
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	78
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	58
5	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	53





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Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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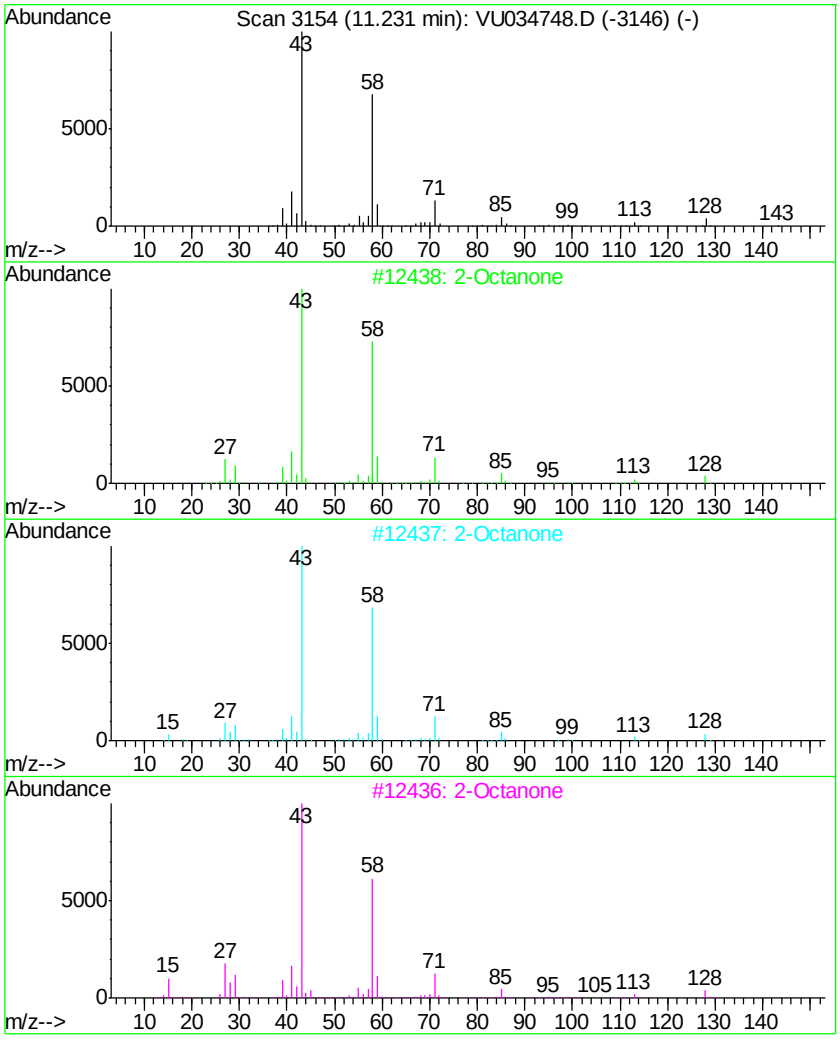
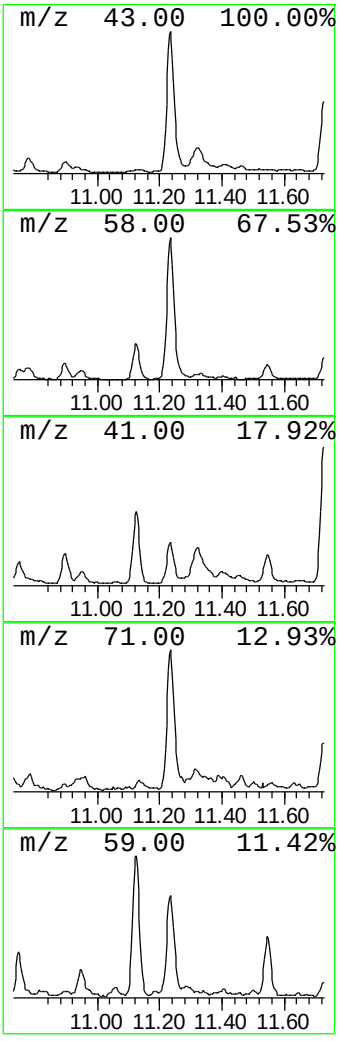
Peak Number 16 2-Octanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	19.67 ug/L	666995	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	94
2	2-Octanone	128	C8H16O	000111-13-7	94
3	2-Octanone	128	C8H16O	000111-13-7	91
4	2-Octanone	128	C8H16O	000111-13-7	87
5	2-Octanone	128	C8H16O	000111-13-7	80





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Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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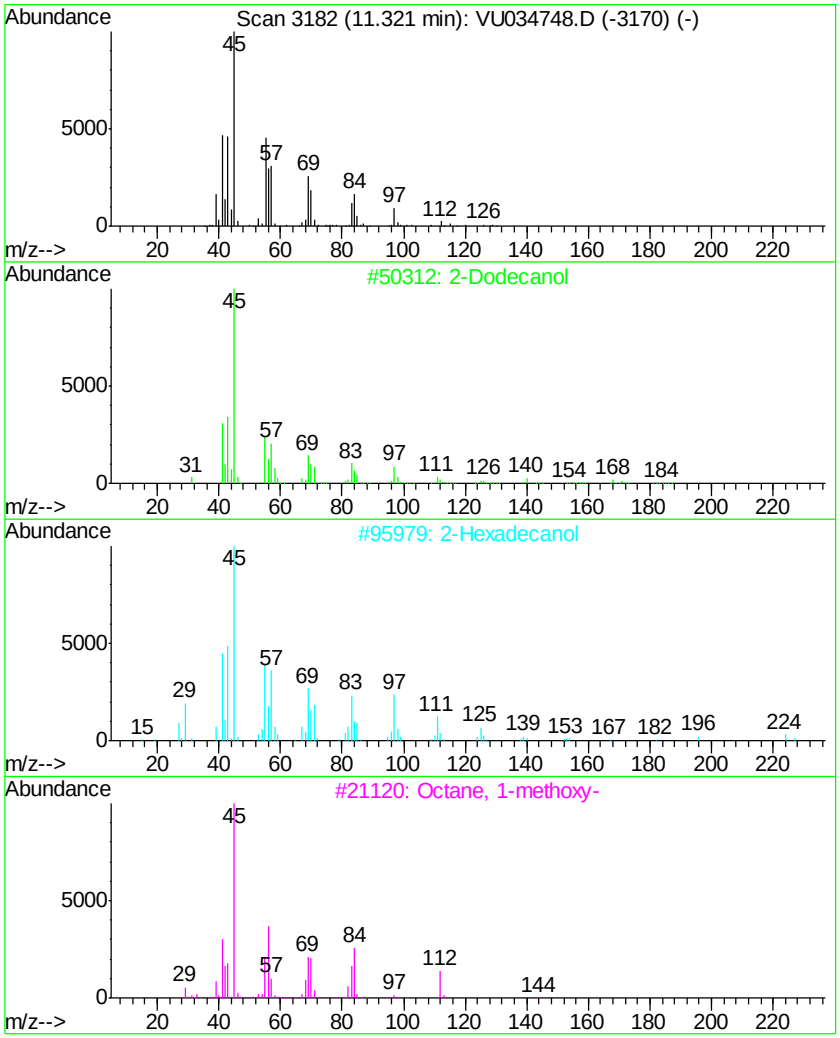
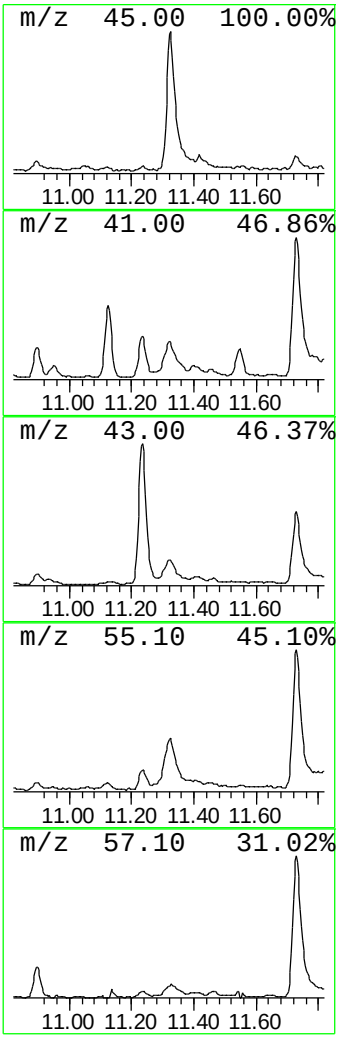
Peak Number 17 2-Dodecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	17.46 ug/L	592072	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecanol	186	C12H26O	010203-28-8	72
2	2-Hexadecanol	242	C16H34O	014852-31-4	56
3	Octane, 1-methoxy-	144	C9H20O	000929-56-6	53
4	2-Undecanol	172	C11H24O	001653-30-1	50
5	2-Heptanol, 5-methyl-	130	C8H18O	054630-50-1	50





Library Search Compound Report

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Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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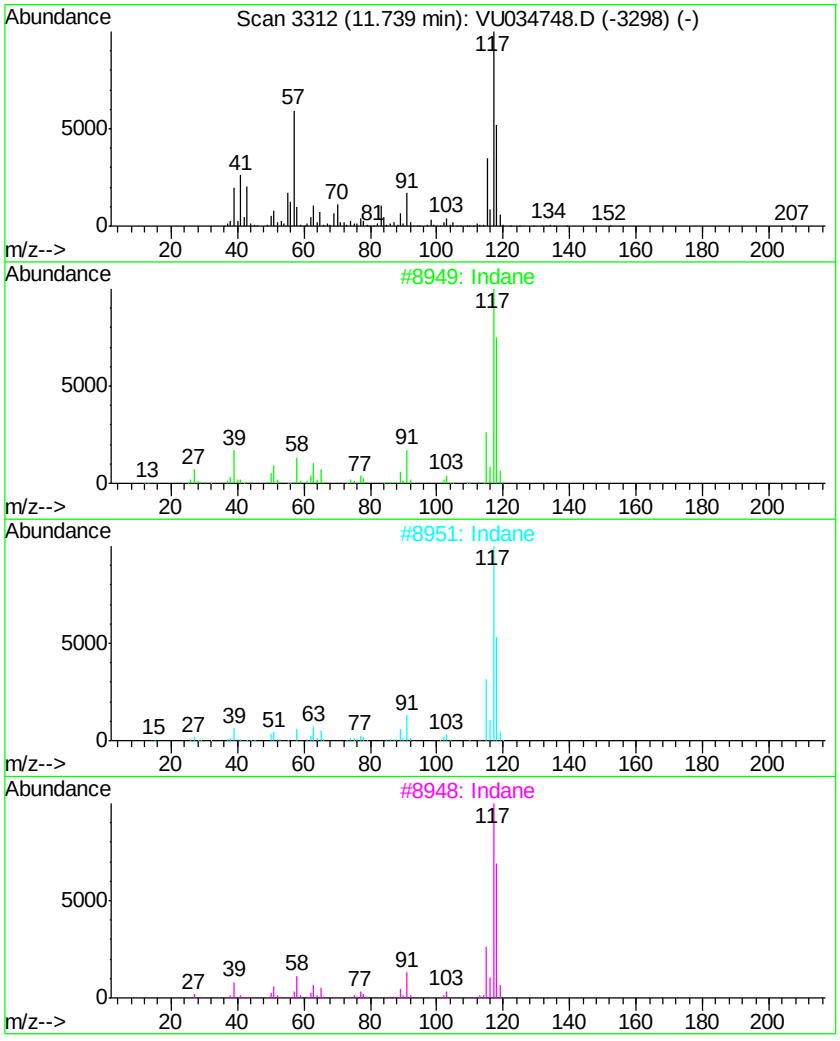
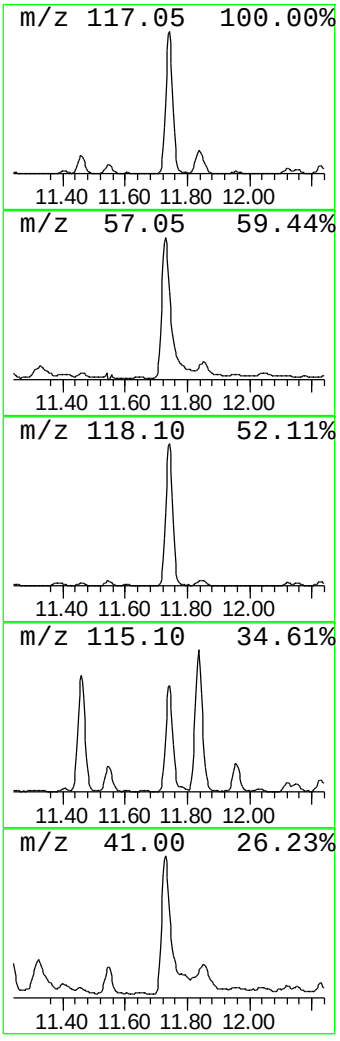
Peak Number 20 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	76.23 ug/L	2584190	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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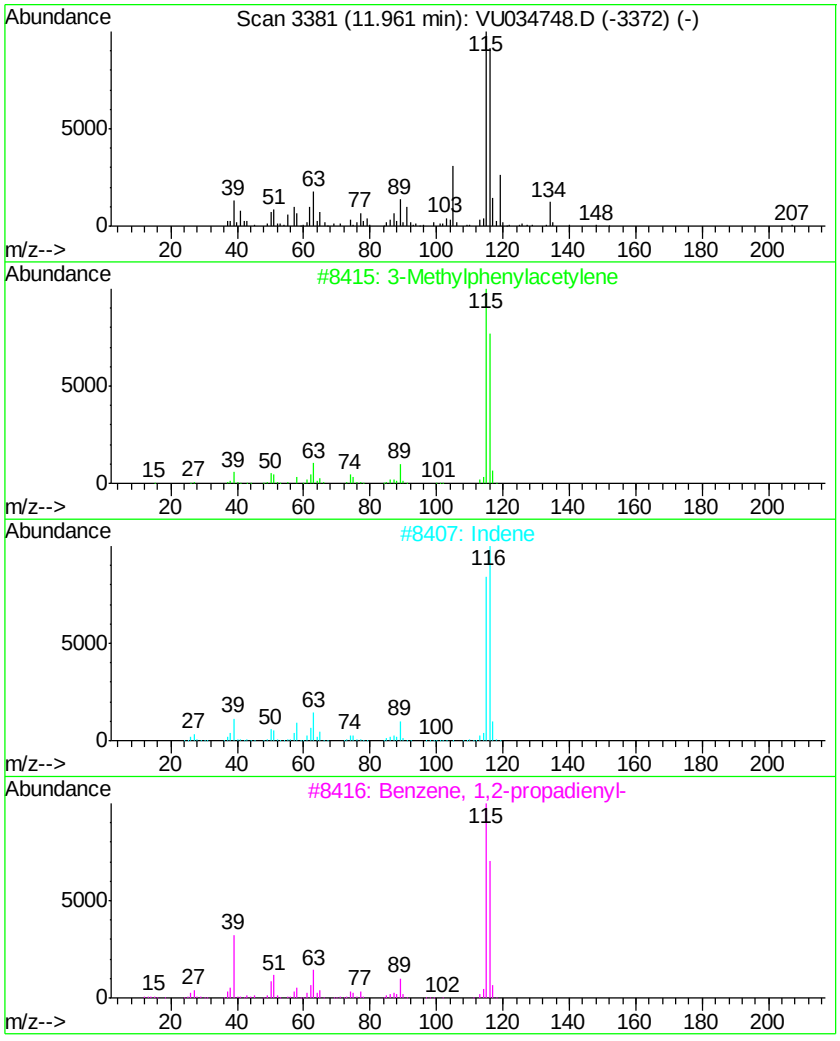
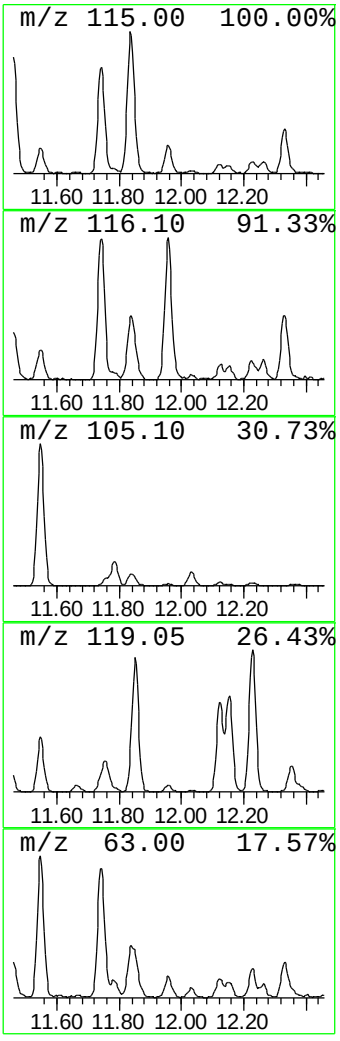
Peak Number 21 3-Methylphenylacetylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	5.34 ug/L	181023	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	81
2	Indene	116	C9H8	000095-13-6	81
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	76
4	Indene	116	C9H8	000095-13-6	76
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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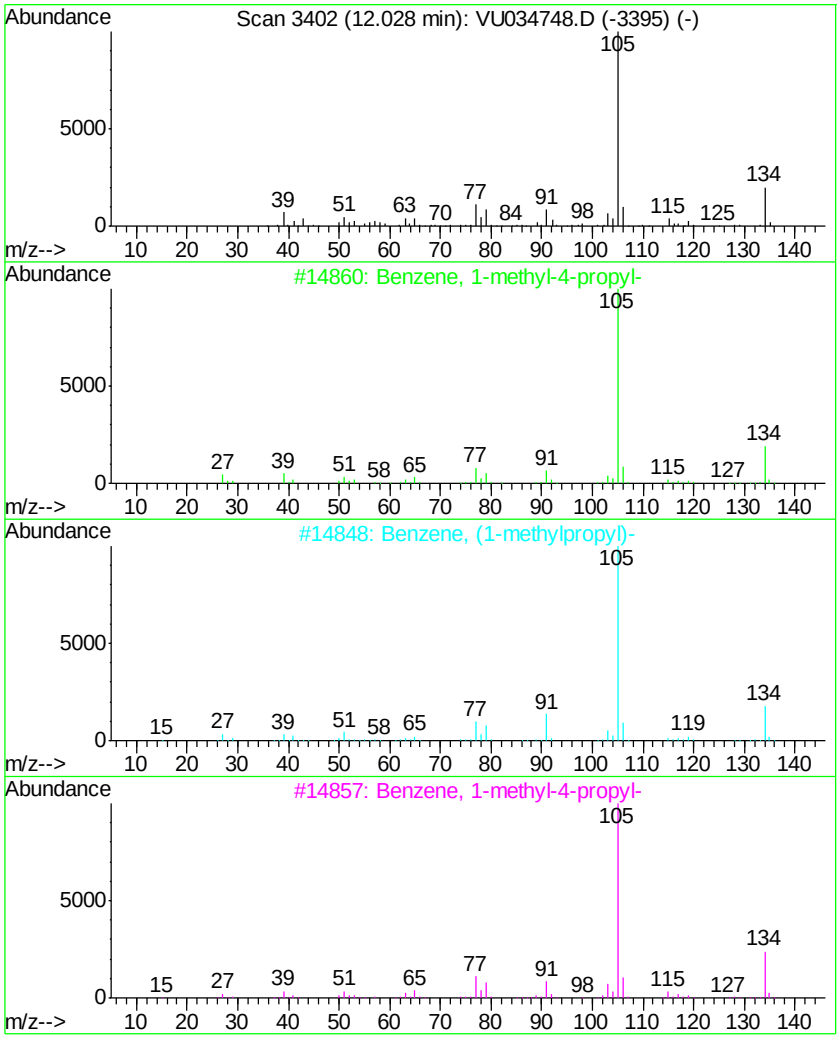
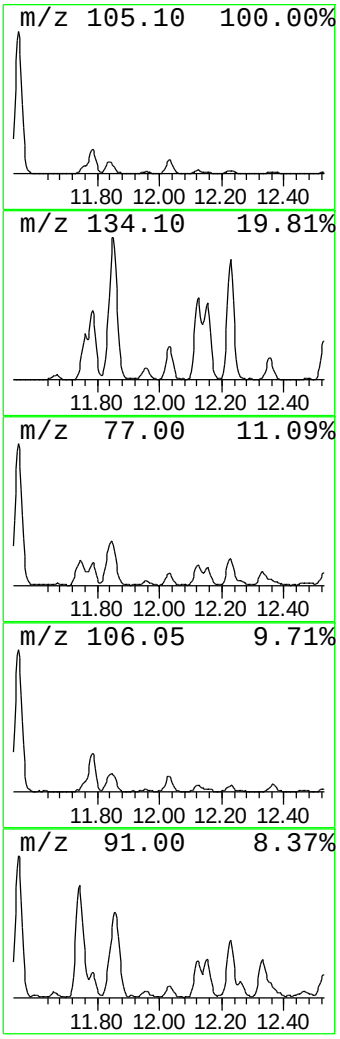
Peak Number 22 Benzene, 1-methyl-4-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	5.97 ug/L	202252	1,4-Dichlorobenzene-d4	11.46

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	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

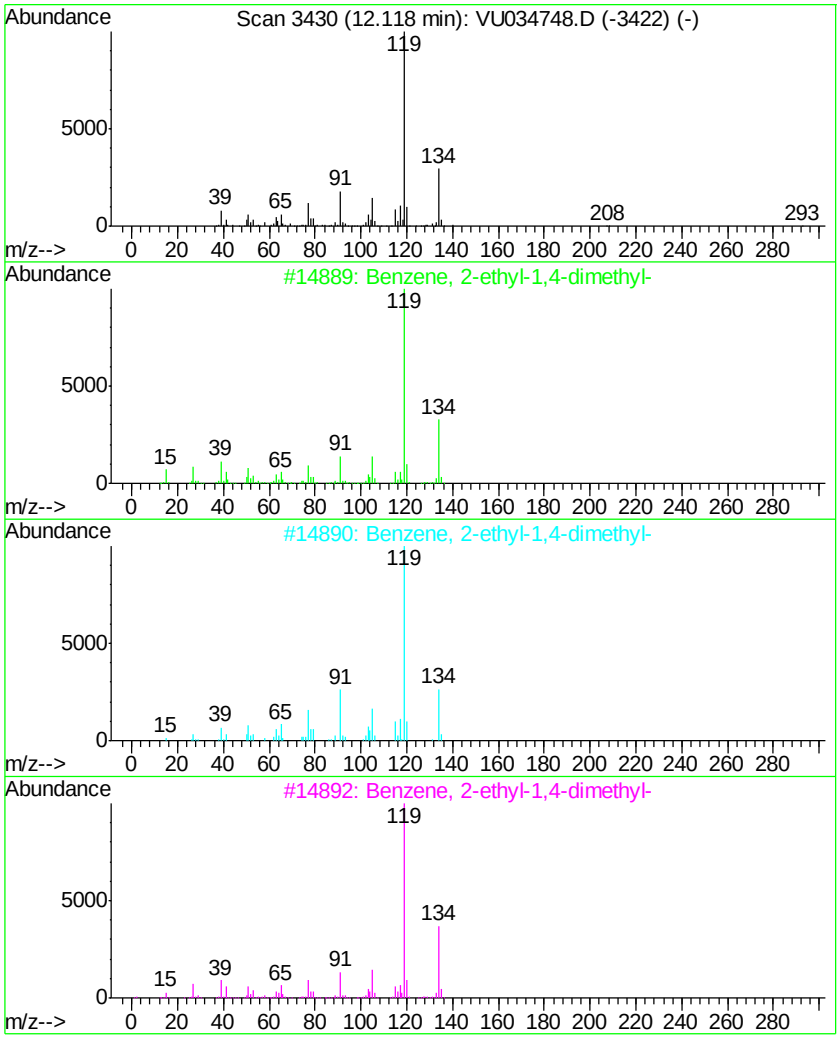
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

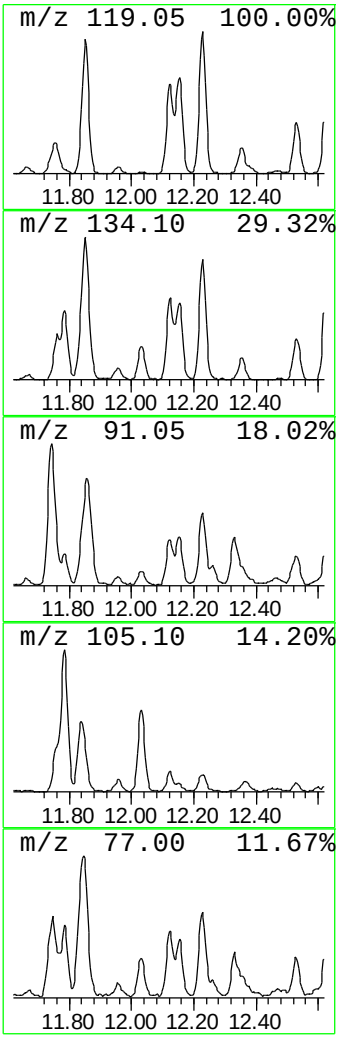
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	10.13 ug/L	343290	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

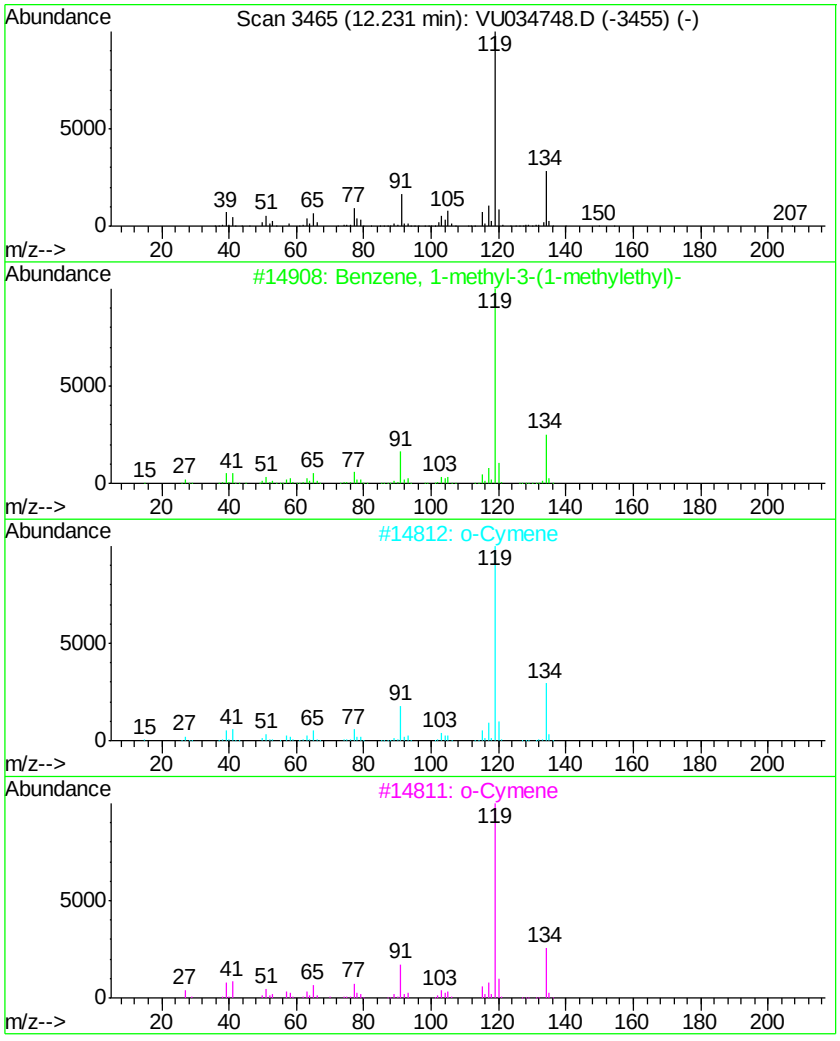
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

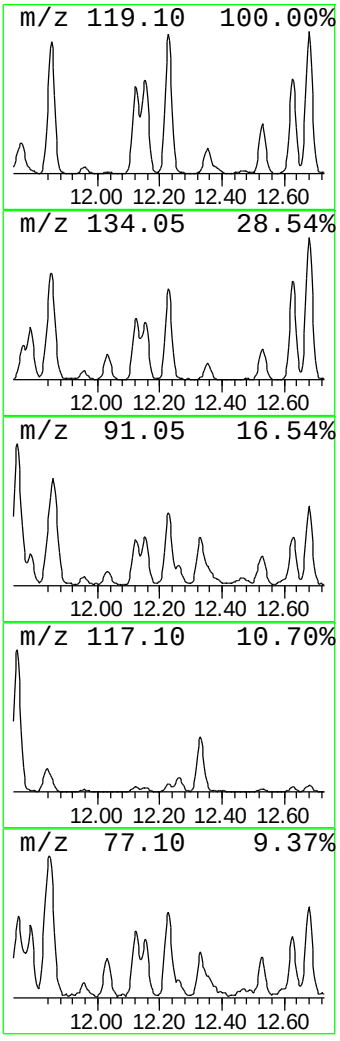
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	14.20 ug/L	481265	1,4-Dichlorobenzene-d4	11.46

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

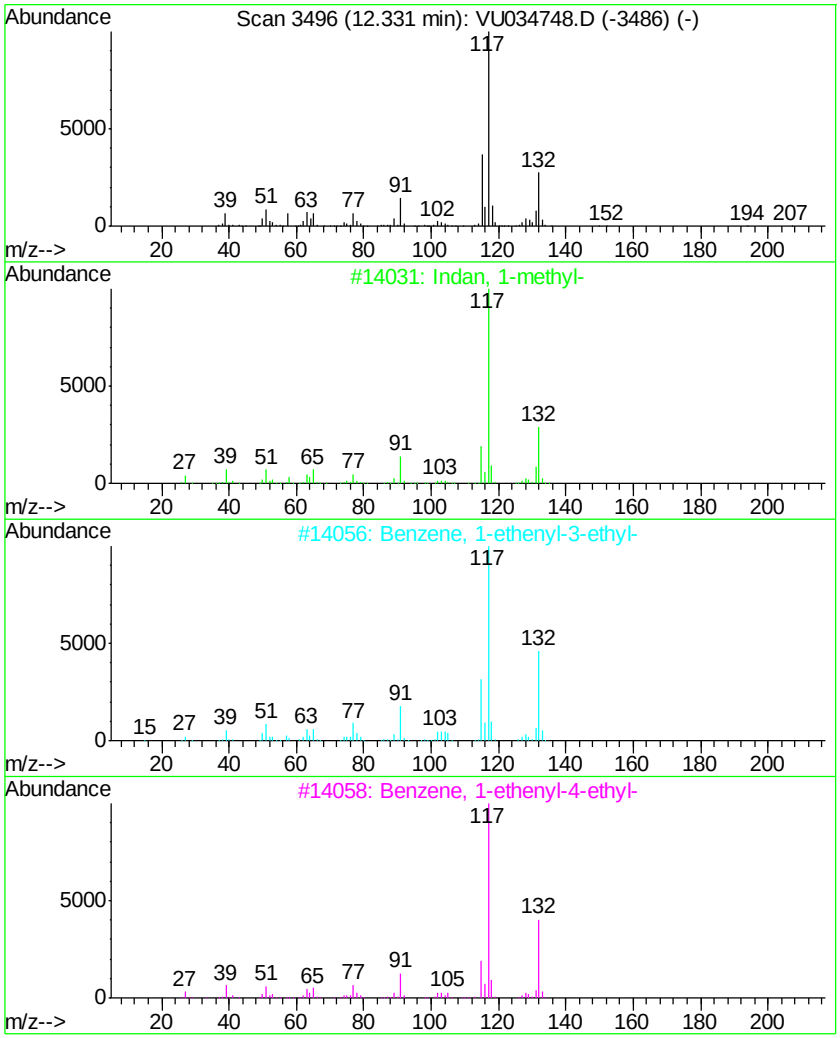
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

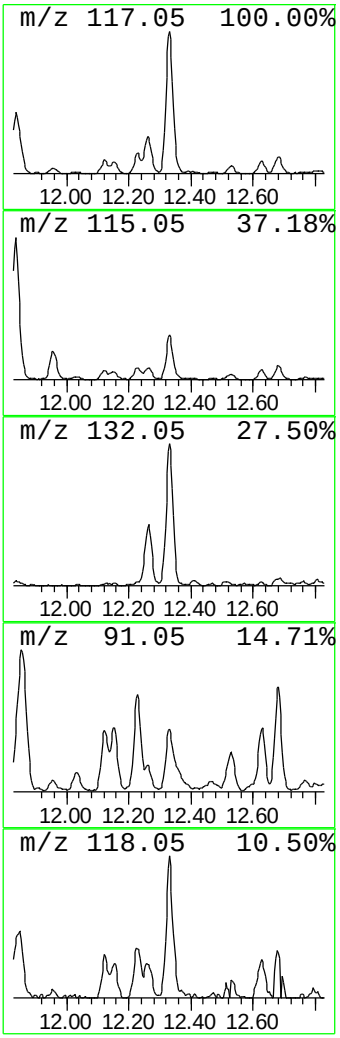
****

Peak Number 26 Indan, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	16.12 ug/L	546340	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

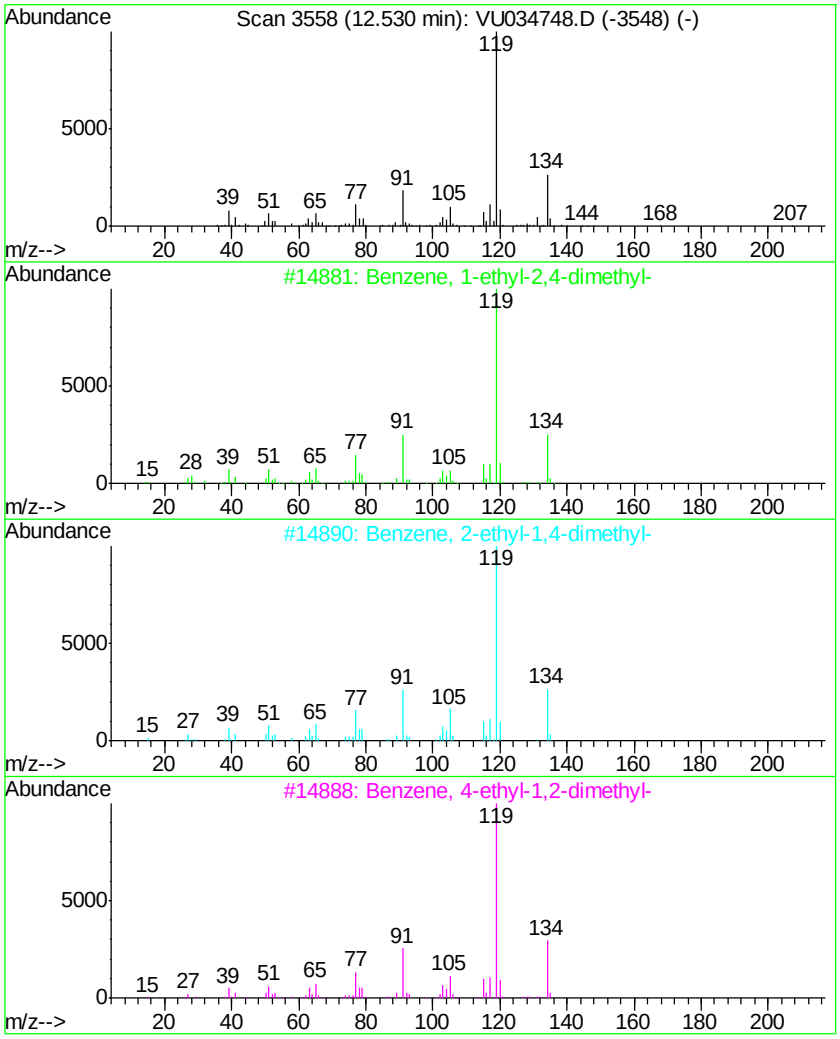
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

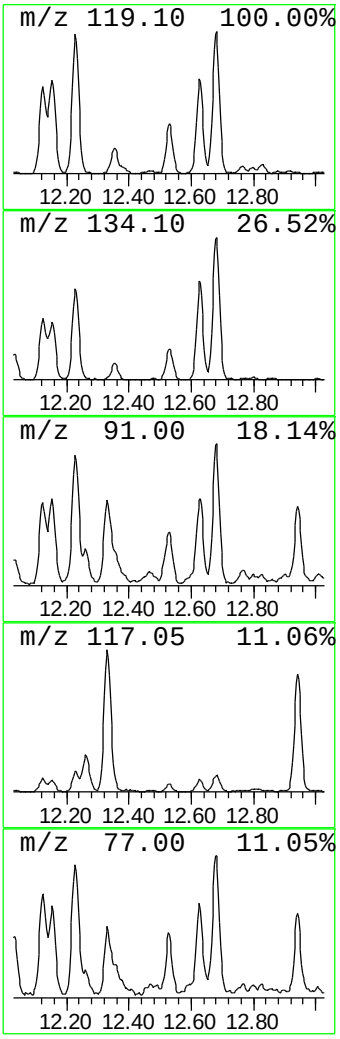
****

Peak Number 27 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	6.23 ug/L	211277	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

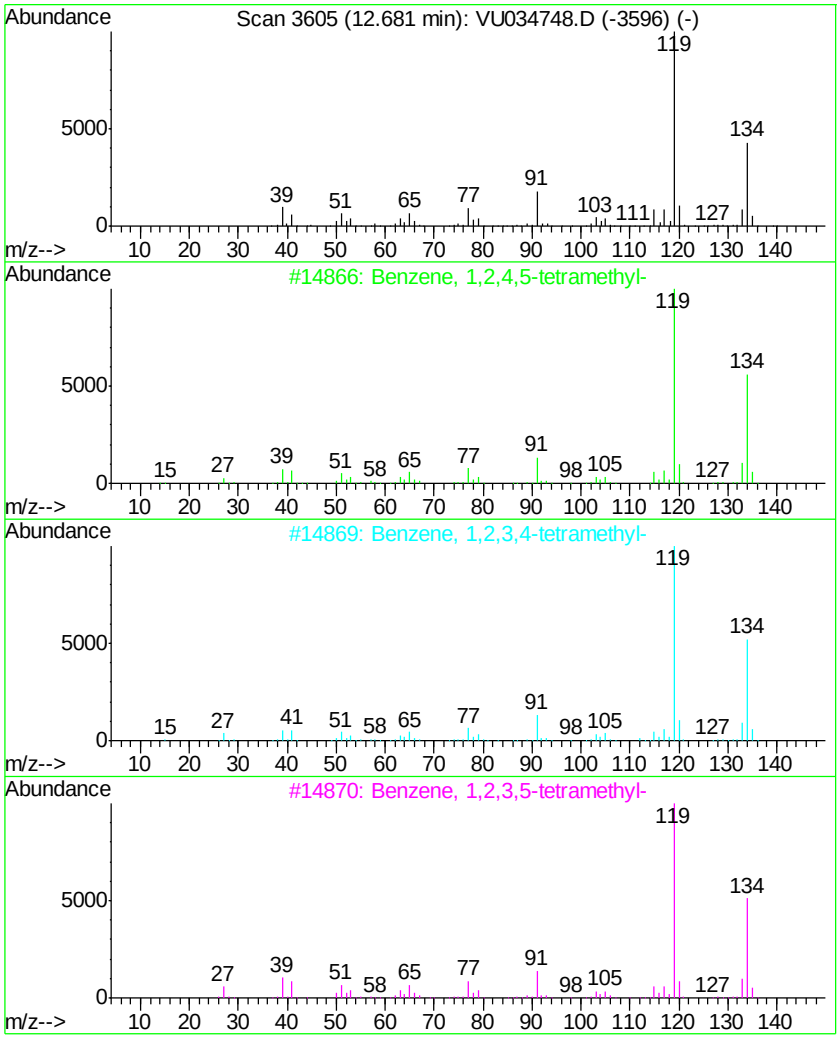
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

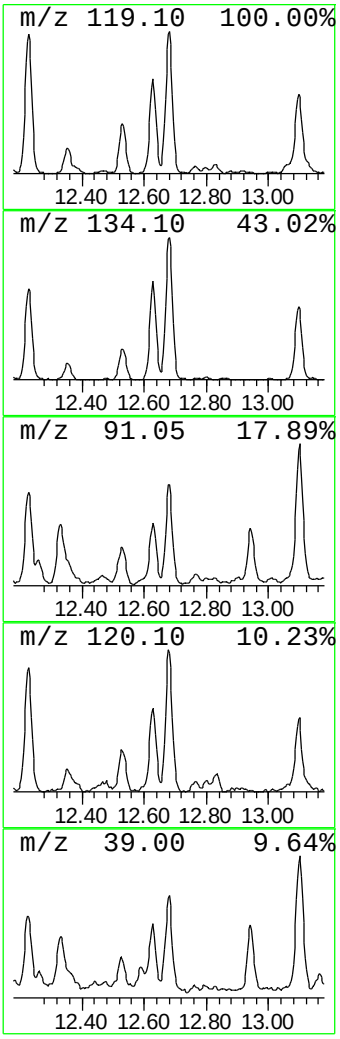
****

Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	17.42 ug/L	590613	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	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

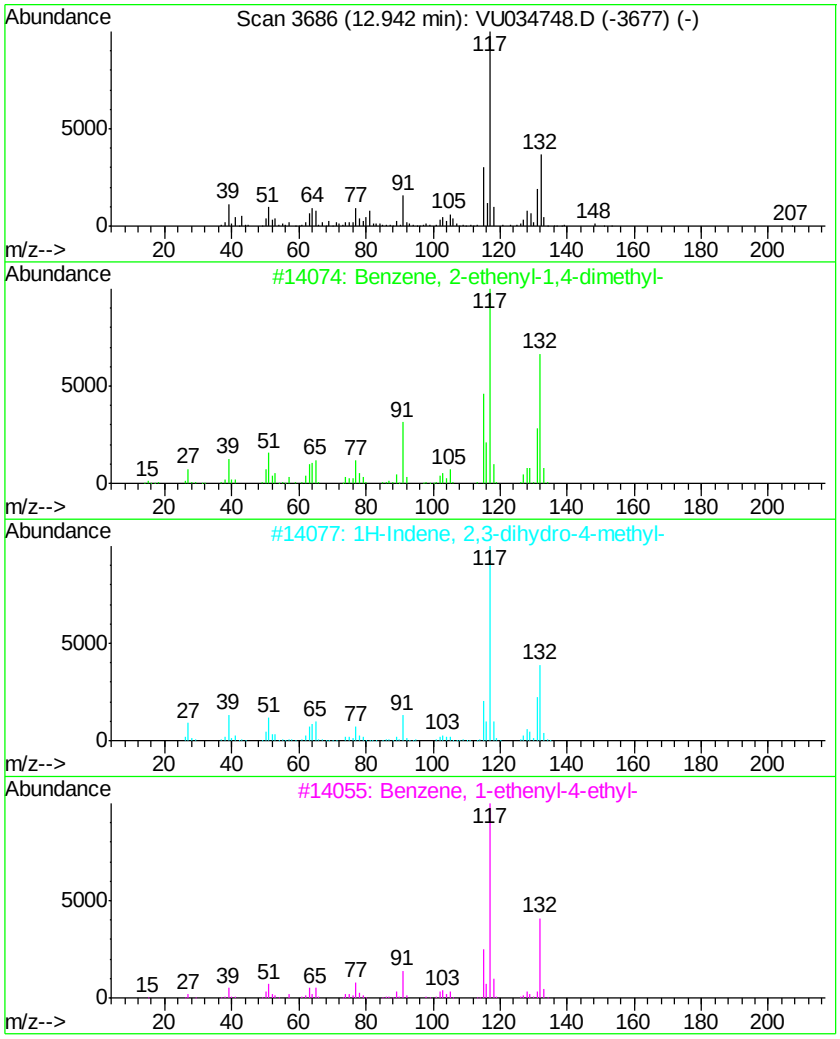
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

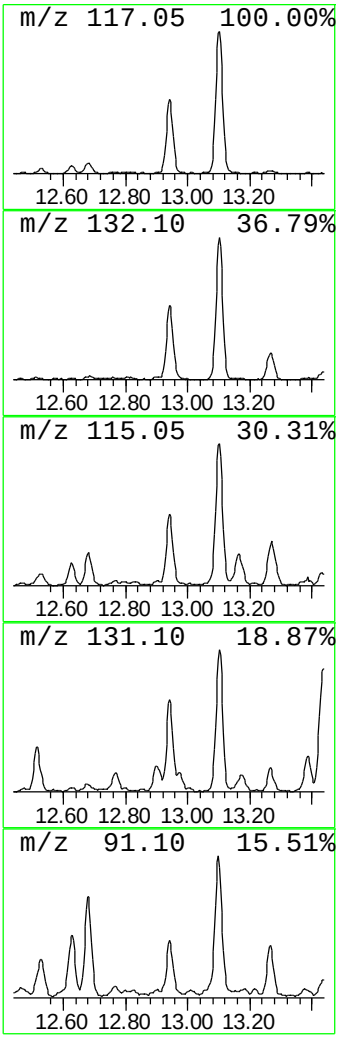
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	13.32 ug/L	451416	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

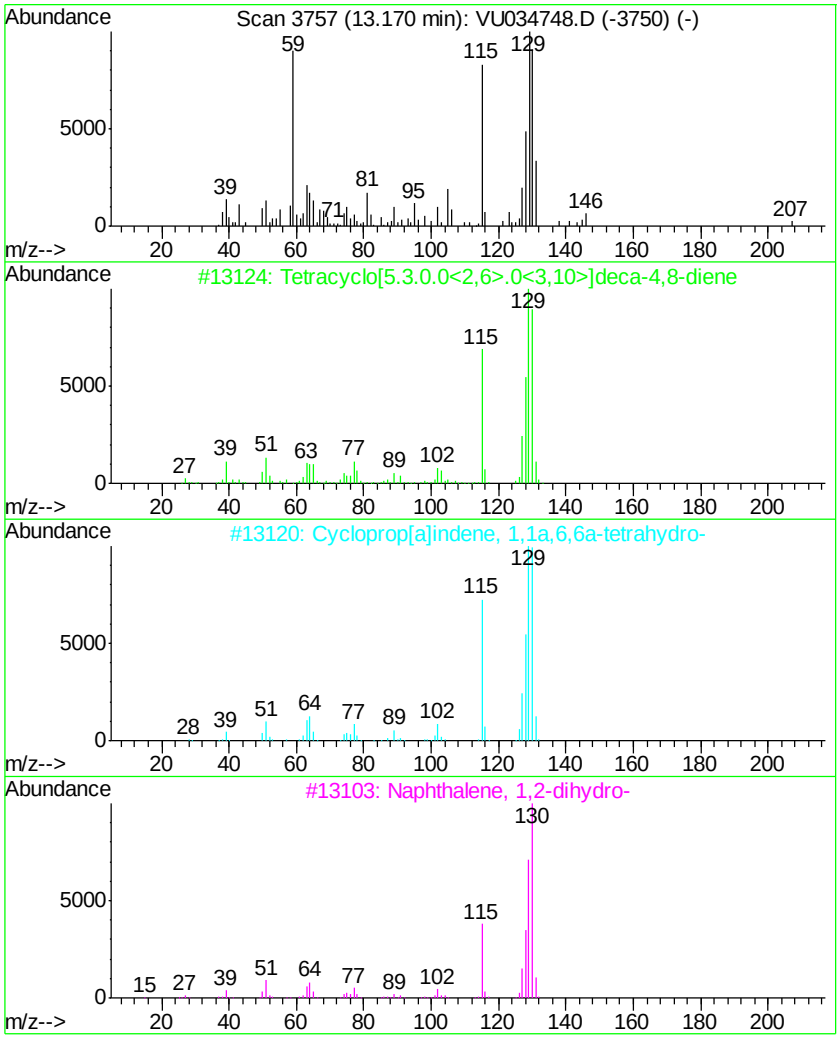
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

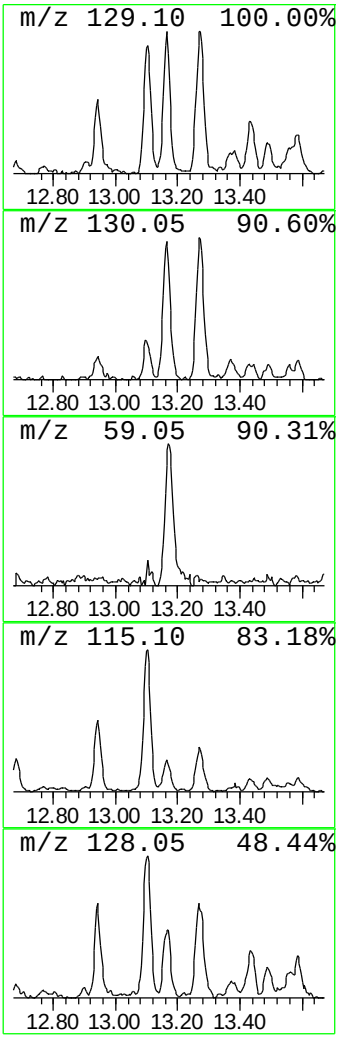
****

Peak Number 31 Tetracyclo[5.3.0.0<2,6>.0<3... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.94 ug/L	133544	1,4-Dichlorobenzene-d4	11.46

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	86
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	70
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	60
5	Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	58





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Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

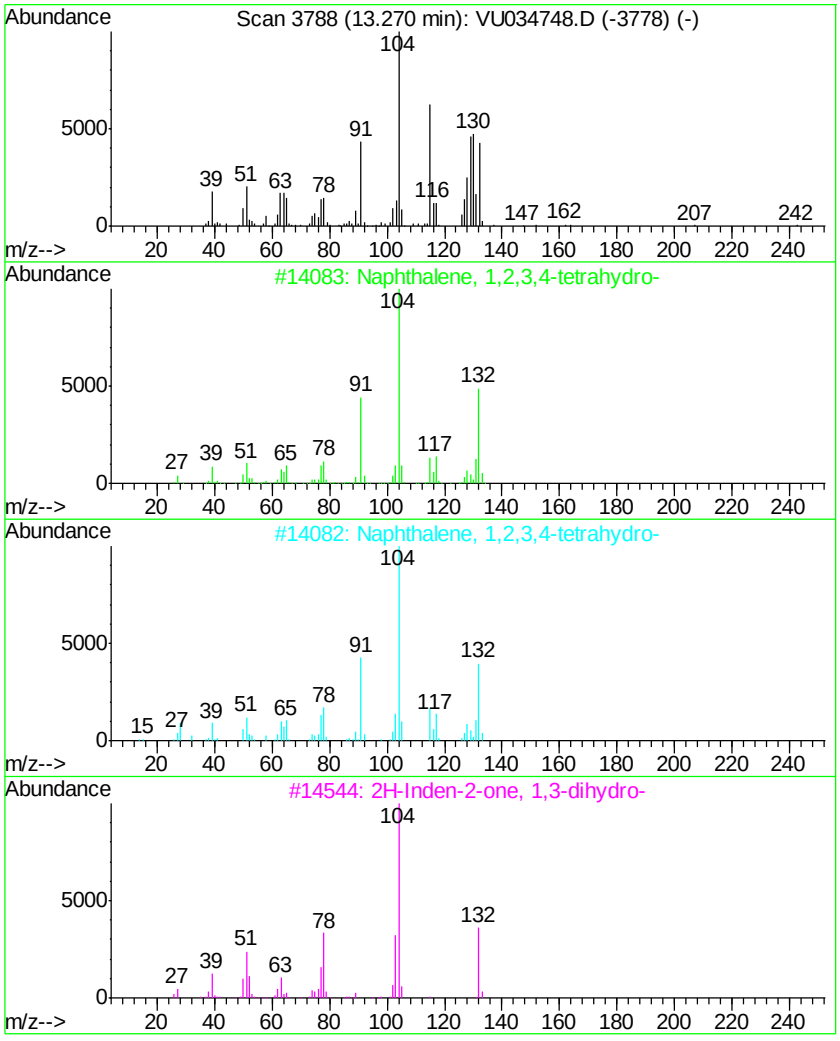
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

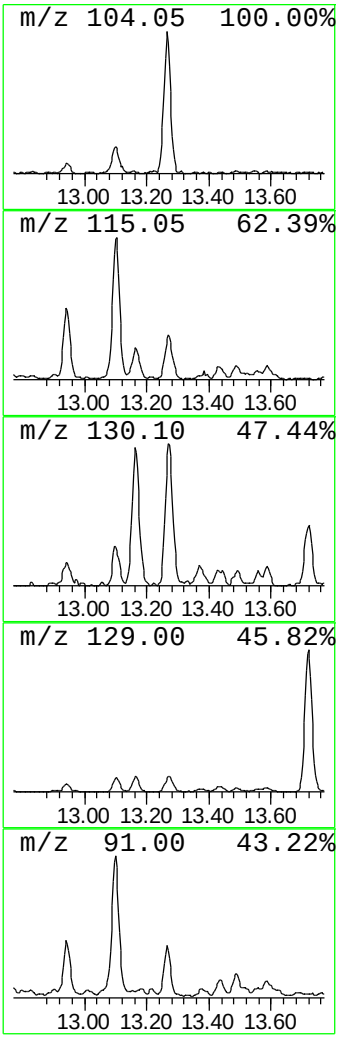
****

Peak Number 32 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	8.06 ug/L	273193	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	45
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38
4	Indan, epoxide	132	C9H8O	000768-22-9	38
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

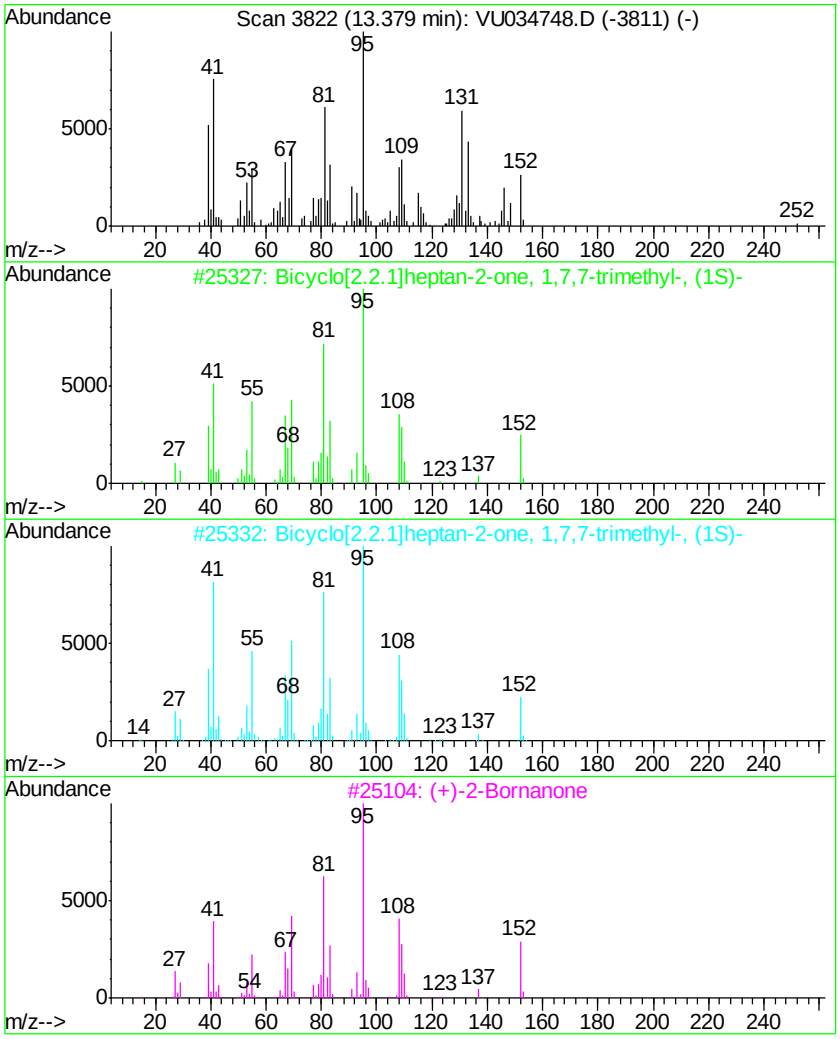
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

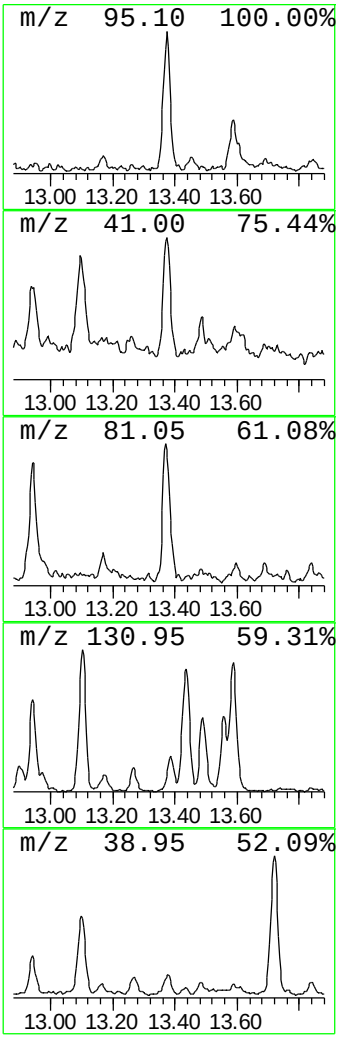
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.68 ug/L	158517	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
4	Camphor	152	C10H16O	000076-22-2	95
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

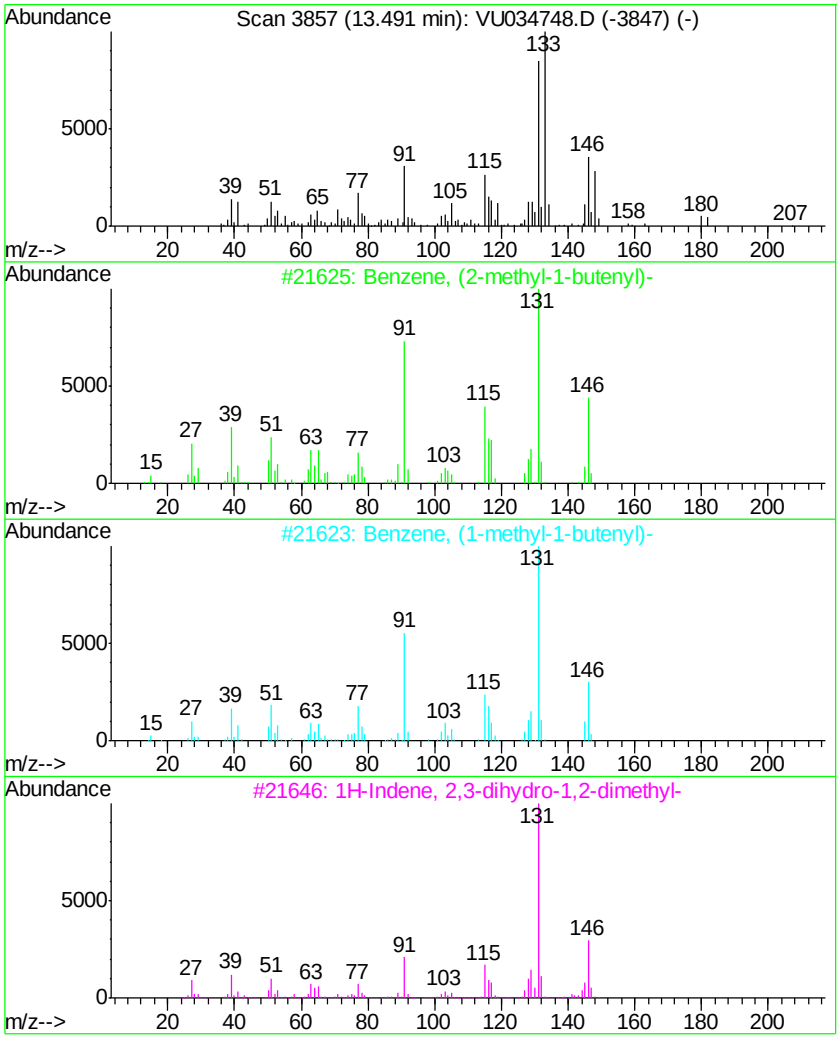
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

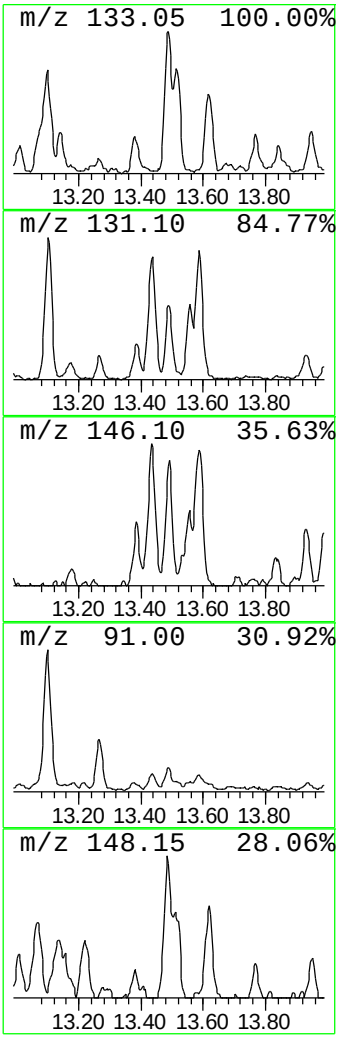
****

Peak Number 35 Benzene, (2-methyl-1-butenyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	6.45 ug/L	218701	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	89
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

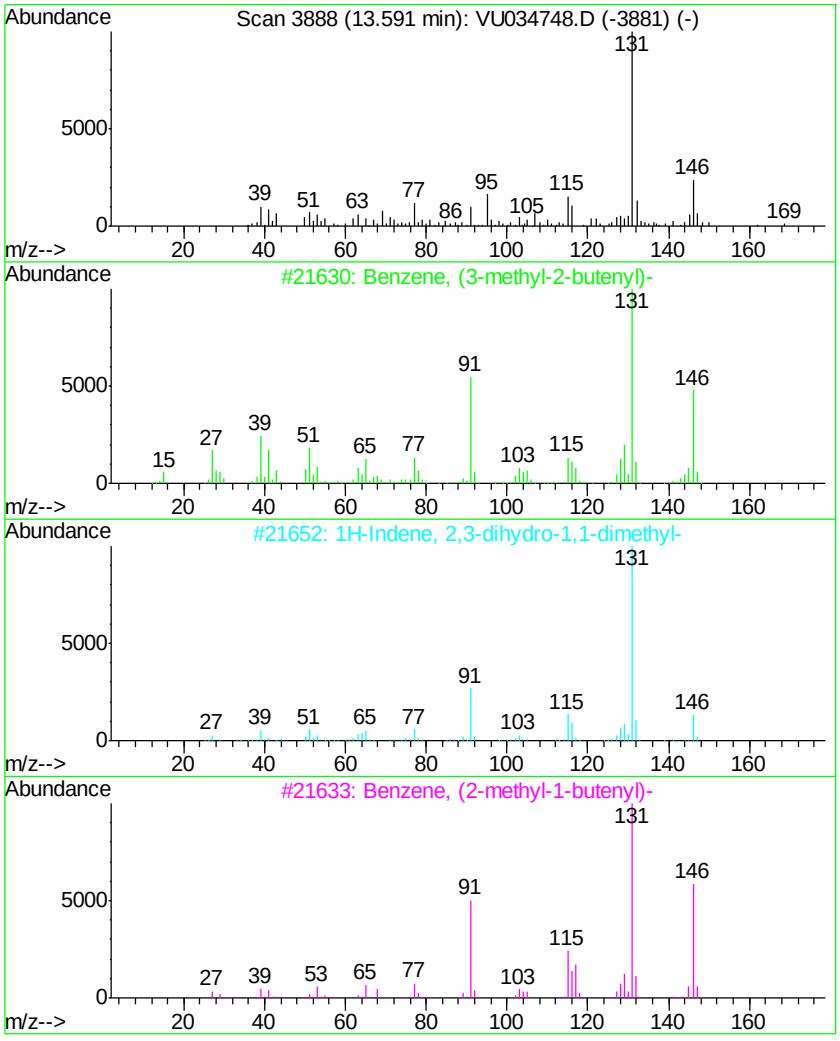
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

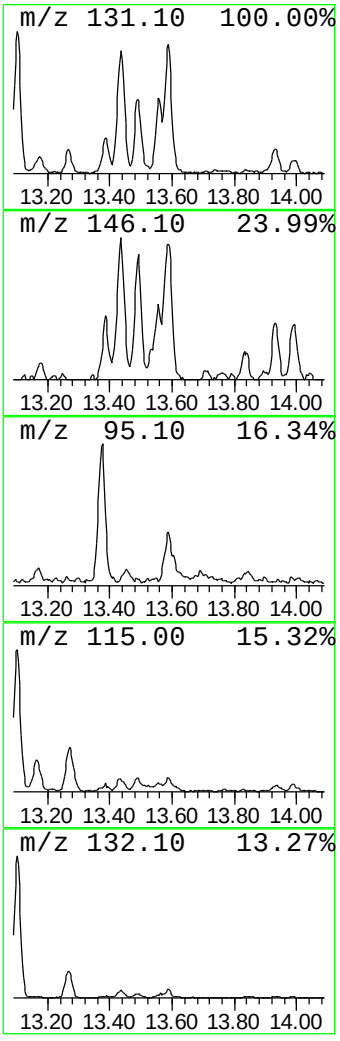
****

Peak Number 36 Benzene, (3-methyl-2-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	5.97 ug/L	202239	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	87
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	80
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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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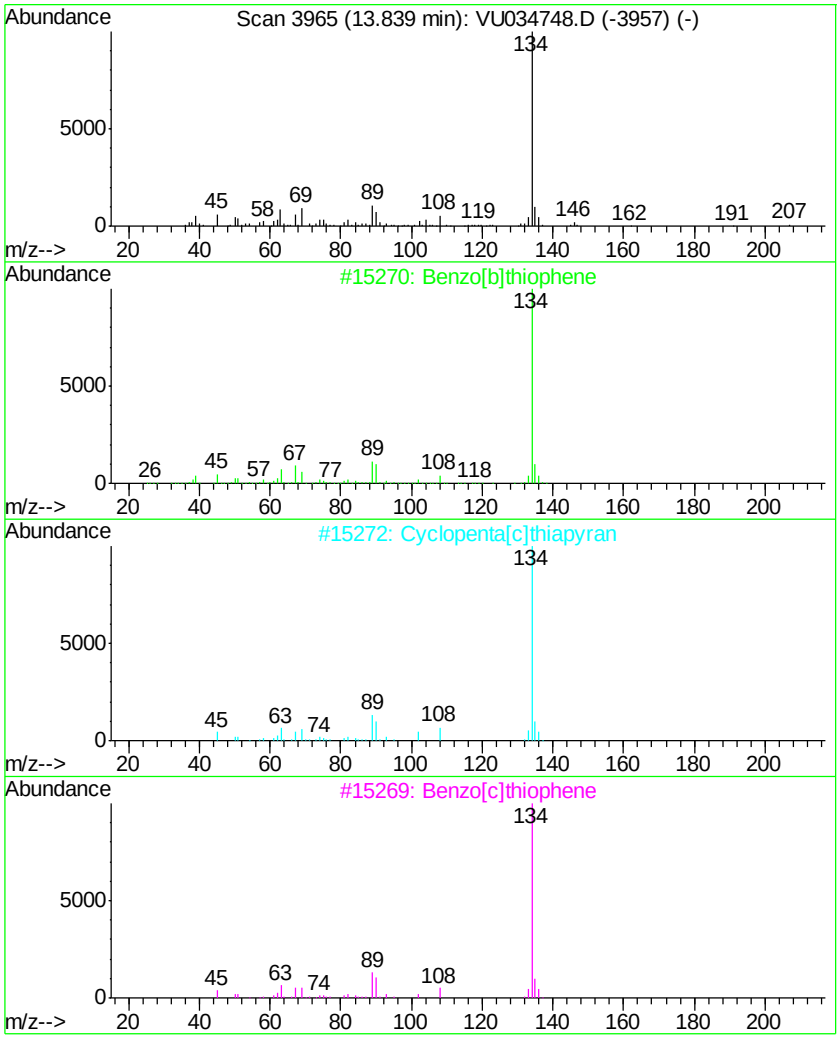
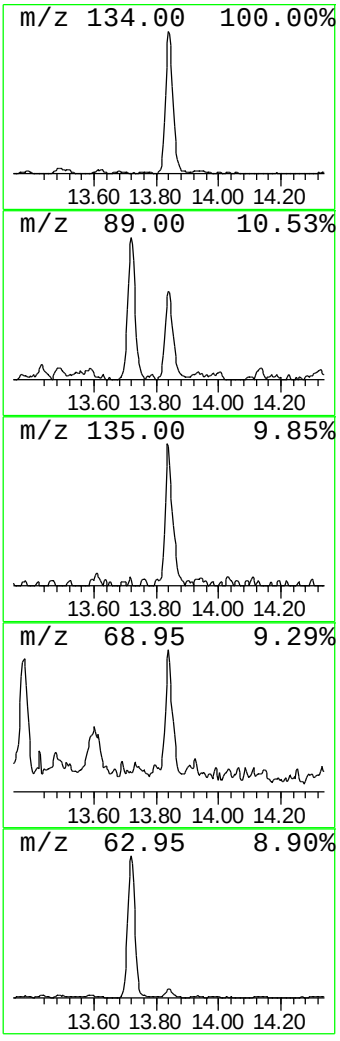
Peak Number 38 Benzo[b]thiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.77 ug/L	195556	1,4-Dichlorobenzene-d4	11.46

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

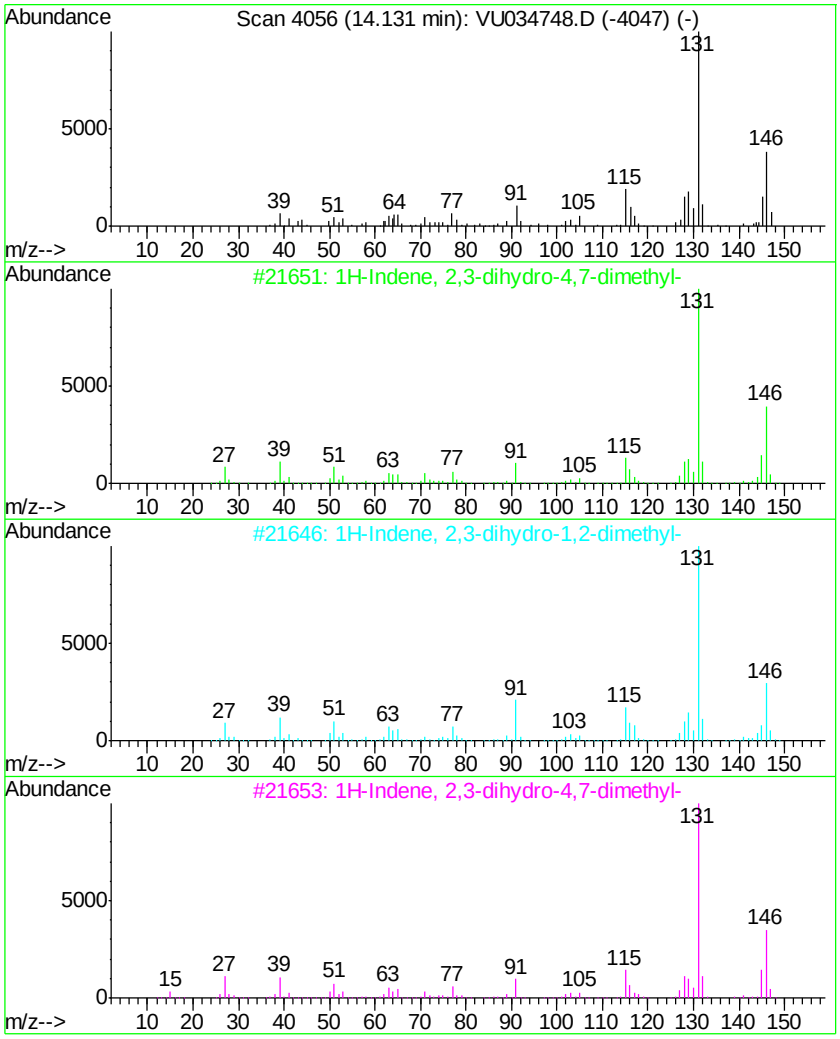
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

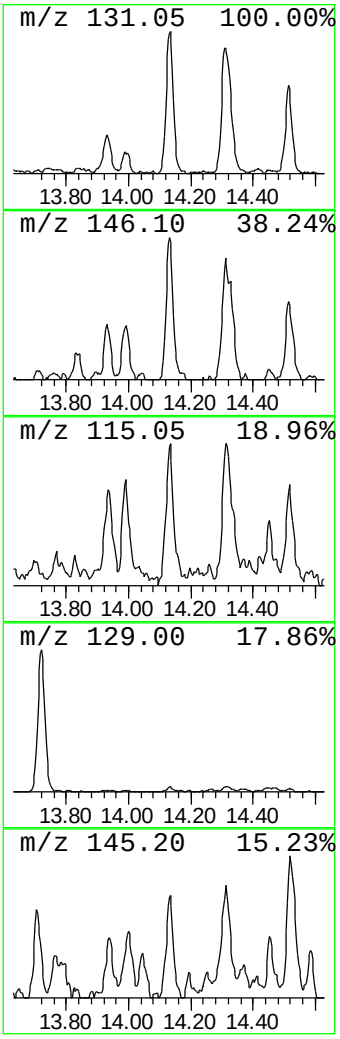
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.05 ug/L	103485	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	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

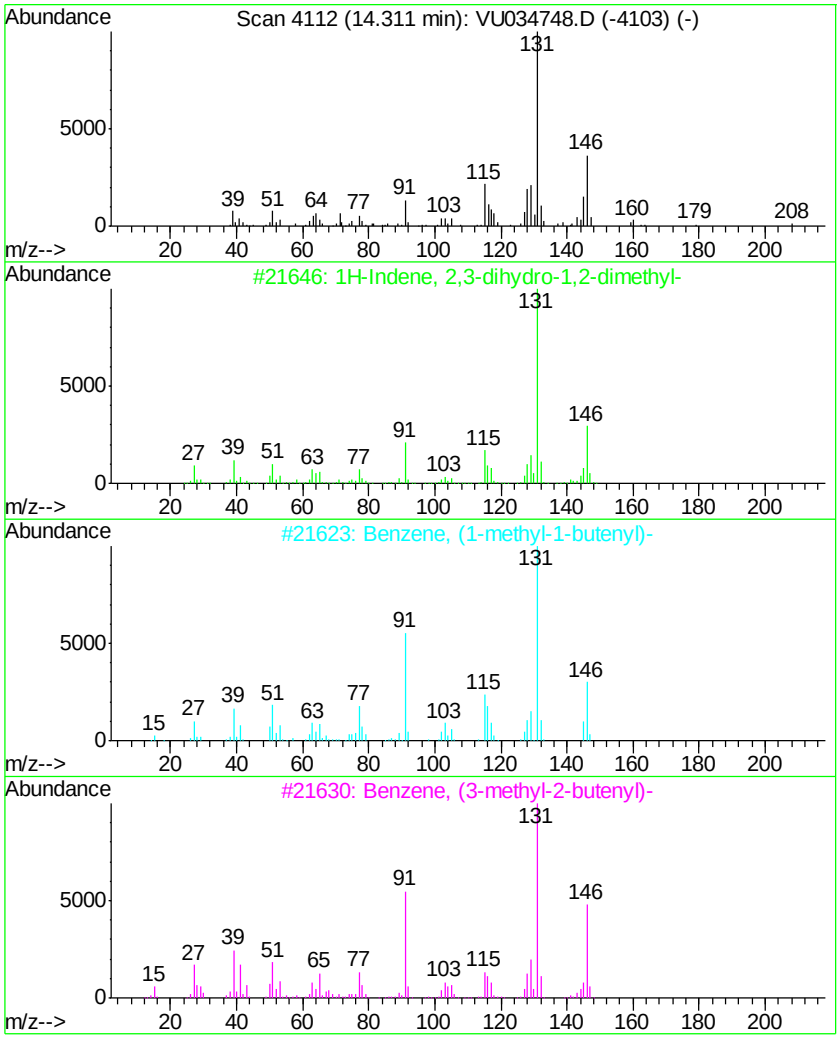
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

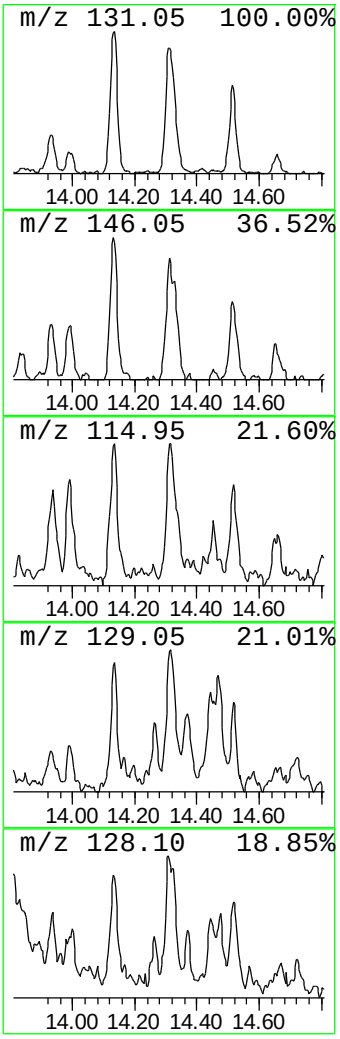
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	3.76 ug/L	127558	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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

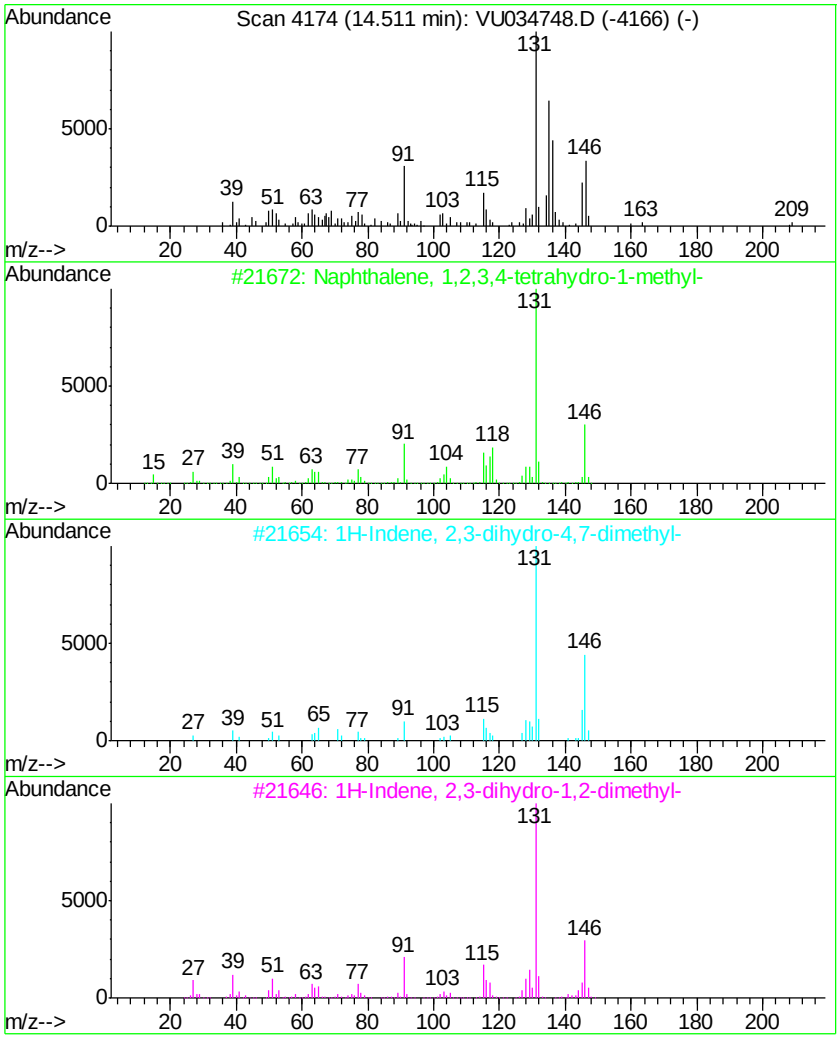
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

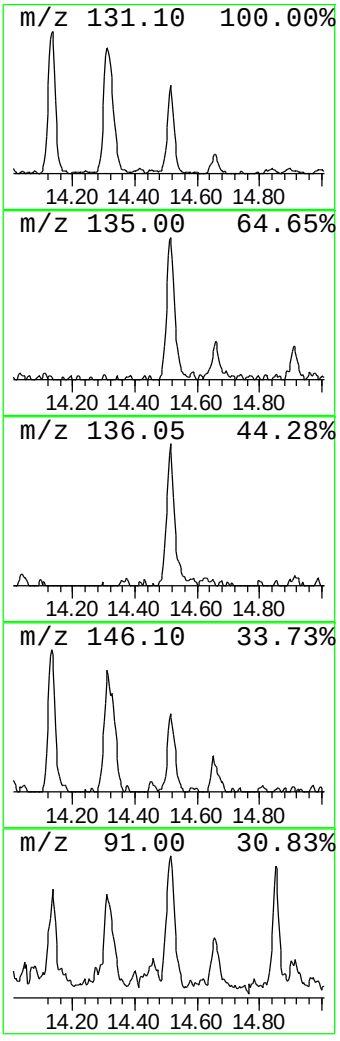
****

Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.20 ug/L	108351	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
5	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDG6

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 Alcohol	2.43	26.8	ug/L	662848	1	5.86	1236510	50.0
(DEL) Alkane: Cyc...	4.06	3.6	ug/L	88977	1	5.86	1236510	50.0
2-Butanol, (R)-	4.56	2.8	ug/L	68459	1	5.86	1236510	50.0
Cyclopentene, 3-m...	4.75	2.7	ug/L	67730	1	5.86	1236510	50.0
2-Hexanol	7.88	121.9	ug/L	3699740	2	9.07	1517140	50.0
unknown-01	8.44	3.4	ug/L	102254	2	9.07	1517140	50.0
2-Heptanone	9.90	5.2	ug/L	158373	2	9.07	1517140	50.0
Benzene, propyl-	10.57	15.1	ug/L	510881	3	11.46	1695080	50.0
Benzene, 1-ethyl-...	10.66	87.1	ug/L	2952130	3	11.46	1695080	50.0
Benzene, 1,2,3-tr...	10.75	44.8	ug/L	1517060	3	11.46	1695080	50.0
4-Heptanone, 2,6-...	10.89	6.9	ug/L	233442	3	11.46	1695080	50.0
2-Octanone	11.23	19.7	ug/L	666995	3	11.46	1695080	50.0
2-Dodecanol	11.32	17.5	ug/L	592072	3	11.46	1695080	50.0
Indane	11.74	76.2	ug/L	2584190	3	11.46	1695080	50.0
3-Methylphenylace...	11.96	5.3	ug/L	181023	3	11.46	1695080	50.0
Benzene, 1-methyl...	12.03	6.0	ug/L	202252	3	11.46	1695080	50.0
Benzene, 2-ethyl-...	12.12	10.1	ug/L	343290	3	11.46	1695080	50.0
Benzene, 1-methyl...	12.23	14.2	ug/L	481265	3	11.46	1695080	50.0
Indan, 1-methyl-	12.33	16.1	ug/L	546340	3	11.46	1695080	50.0
Benzene, 1-ethyl-...	12.53	6.2	ug/L	211277	3	11.46	1695080	50.0
Benzene, 1,2,4,5-...	12.68	17.4	ug/L	590613	3	11.46	1695080	50.0
Benzene, 2-etheny...	12.94	13.3	ug/L	451416	3	11.46	1695080	50.0
Tetracyclo[5.3.0....	13.17	3.9	ug/L	133544	3	11.46	1695080	50.0
unknown-02	13.27	8.1	ug/L	273193	3	11.46	1695080	50.0
Bicyclo[2.2.1]hep...	13.38	4.7	ug/L	158517	3	11.46	1695080	50.0
Benzene, (2-methy...	13.49	6.5	ug/L	218701	3	11.46	1695080	50.0
Benzene, (3-methy...	13.59	6.0	ug/L	202239	3	11.46	1695080	50.0
Benzo[b]thiophene	13.84	5.8	ug/L	195556	3	11.46	1695080	50.0
1H-Indene, 2,3-di...	14.13	3.0	ug/L	103485	3	11.46	1695080	50.0
1H-Indene, 2,3-di...	14.31	3.8	ug/L	127558	3	11.46	1695080	50.0
Naphthalene, 1,2,...	14.51	3.2	ug/L	108351	3	11.46	1695080	50.0