LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

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\SOMULM042320WMA.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	1.613	77	85	96	rBV	344114	373091	16.34%	2.041%
2	1.932	175	184	198	rVB	251139	328353	14.38%	1.797%
3	2.591	376	389	401	rBV	452028	745883	32.67%	4.081%
4	2.655	401	409	421	rVB	46737	78285	3.43%	0.428%
5	2.790	442	451	457	rBV2	9049	16703	0.73%	0.091%
6	3.060	532	535	536	rBV	1322	771	0.03%	0.004%
7	3.218	571	584	599	rBV3	12297	28932	1.27%	0.158%
8	3.864	777	785	786	rBV3	725	659	0.03%	0.004%
9	3.909	791	799	802	rBV3	3427	4488	0.20%	0.025%
10	4.067	845	848	853	rVB3	687	588	0.03%	0.003%
11	4.292	912	918	921	rBV4	999	949	0.04%	0.005%
12	4.472	968	974	977	rBV3	691	847	0.04%	0.005%
13	4.665	1019	1034	1072	rBV2	269169	816662	35.77%	4.468%
14	4.941	1115	1120	1123	rBV2	536	502	0.02%	0.003%
15	5.102	1152	1170	1192	rBV	388243	845103	37.01%	4.624%
16	5.250	1212	1216	1220	rBV4	789	670	0.03%	0.004%
17	5.417	1258	1268	1274	rBV5	1339	2185	0.10%	0.012%
18	5.465	1280	1283	1288	rBV3	499	508	0.02%	0.003%
19	5.758	1352	1374	1403	rBV2	865132	2283184	100.00%	12.492%
20	5.919	1422	1424	1431	rVB3	910	711	0.03%	0.004%
21	5.989	1441	1446	1448	rBV2	1190	928	0.04%	0.005%
22	6.192	1501	1509	1520	rVB2	3170	6364	0.28%	0.035%
23	6.282	1521	1537	1555	rBV	730763	1364181	59.75%	7.464%
24	6.385	1566	1569	1573	rBV3	679	535	0.02%	0.003%
25	6.491	1598	1602	1607	rBV4	545	504	0.02%	0.003%
26	6.571	1615	1627	1641	rBV3	64525	122059	5.35%	0.668%
27	6.661	1651	1655	1657	rBV3	523	475	0.02%	0.003%
28	6.723	1659	1674	1691	rBV	545405	1048840	45.94%	5.739%
29	7.054	1770	1777	1778	rBV3	778	631	0.03%	0.003%
30	7.092	1786	1789	1795	rBV4	638	609	0.03%	0.003%
31	7.202	1817	1823	1825	rBV4	1946	1859	0.08%	0.010%
32	7.591	1929	1944	1963	rBV	333909	578623	25.34%	3.166%
33	7.822	2009	2016	2024	rVB6	1318	1868	0.08%	0.010%
34	7.922	2024	2047	2064	rBV	1090815	1875705	82.15%	10.263%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

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\SOMULM042320WMA.M
Title : VOC Analysis

35	7.989	2065	2068	2079	rVV2	6368	9868	0.43%	0.054%
36	8.057	2081	2089	2098	rVV7	3263	6345	0.28%	0.035%
37	8.112	2102	2106	2108	rBV3	849	695	0.03%	0.004%
38	8.202	2121	2134	2148	rBV	233477	391554	17.15%	2.142%
39	8.378	2185	2189	2191	rBV2	1586	1303	0.06%	0.007%
40	8.491	2214	2224	2239	rVB2	10539	18200	0.80%	0.100%
41	8.568	2245	2248	2250	rBV3	1078	760	0.03%	0.004%
42	8.655	2262	2275	2300	rBV	810991	1432641	62.75%	7.839%
43	8.806	2316	2322	2323	rBV3	1930	1876	0.08%	0.010%
44	8.886	2341	2347	2355	rVB6	2891	4198	0.18%	0.023%
45	8.948	2355	2366	2373	rBV6	1549	2690	0.12%	0.015%
46	9.182	2432	2439	2446	rVB5	898	1350	0.06%	0.007%
47	9.349	2488	2491	2496	rVB2	805	540	0.02%	0.003%
48	9.436	2504	2518	2539	rBV	1032235	1685180	73.81%	9.220%
49	9.587	2557	2565	2572	rBV5	2996	4655	0.20%	0.025%
50	9.620	2574	2575	2582	rVB4	836	581	0.03%	0.003%
51	9.710	2595	2603	2610	rBV4	3177	5400	0.24%	0.030%
52	9.816	2634	2636	2646	rVB2	605	614	0.03%	0.003%
53	9.899	2657	2662	2664	rBV4	724	548	0.02%	0.003%
54	9.993	2685	2691	2698	rBV3	1437	1917	0.08%	0.010%
55	10.025	2698	2701	2703	rBV	700	543	0.02%	0.003%
56	10.118	2723	2730	2736	rBV5	3531	5308	0.23%	0.029%
57	10.256	2765	2773	2777	rBV6	1464	2230	0.10%	0.012%
58	10.330	2793	2796	2799	rBV2	738	518	0.02%	0.003%
59	10.771	2921	2933	2948	rBV	442333	713024	31.23%	3.901%
60	10.902	2961	2974	2983	rBV2	10652	15447	0.68%	0.085%
61	10.954	2985	2990	2993	rBV5	972	979	0.04%	0.005%
62	11.028	3010	3013	3016	rVV2	884	721	0.03%	0.004%
63	11.295	3091	3096	3097	rBV2	831	643	0.03%	0.004%
64	11.314	3099	3102	3104	rVV3	696	533	0.02%	0.003%
65	11.427	3134	3137	3142	rVB5	1211	1028	0.05%	0.006%
66	11.481	3152	3154	3159	rVB3	757	704	0.03%	0.004%
67	11.581	3183	3185	3191	rVB3	658	571	0.03%	0.003%
68	11.623	3191	3198	3202	rBV4	1376	1734	0.08%	0.009%
69	11.648	3202	3206	3210	rBV7	1787	1707	0.07%	0.009%
70	11.700	3218	3222	3225	rBV3	800	659	0.03%	0.004%
71	11.735	3230	3233	3235	rVV2	1086	702	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

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\SOMULM042320WMA.M
Title : VOC Analysis

72	11.751	3235	3238	3246	rVB5	1646	1825	0.08%	0.010%
73	11.825	3247	3261	3276	rBV	763564	1213794	53.16%	6.641%
74	12.082	3334	3341	3344	rBV6	2140	2784	0.12%	0.015%
75	12.205	3366	3379	3394	rBV	1023038	1645888	72.09%	9.005%
76	12.404	3437	3441	3444	rBV3	1340	1135	0.05%	0.006%
77	12.459	3453	3458	3460	rBV4	1234	986	0.04%	0.005%
78	12.558	3487	3489	3497	rVB5	2372	2173	0.10%	0.012%
79	12.645	3507	3516	3524	rBV7	2555	4185	0.18%	0.023%
80	12.841	3573	3577	3578	rBV4	3329	2215	0.10%	0.012%
81	12.960	3609	3614	3621	rVB6	4181	5131	0.22%	0.028%
82	13.063	3641	3646	3647	rBV4	2997	2269	0.10%	0.012%
83	13.134	3662	3668	3679	rVB6	7562	11845	0.52%	0.065%
84	13.243	3690	3702	3704	rBV5	5944	8638	0.38%	0.047%
85	13.272	3706	3711	3719	rVB4	13965	18938	0.83%	0.104%
86	13.346	3730	3734	3743	rVB2	6423	8344	0.37%	0.046%
87	13.394	3747	3749	3751	rBV2	962	509	0.02%	0.003%
88	13.549	3792	3797	3807	rVB10	5127	7820	0.34%	0.043%
89	13.616	3811	3818	3825	rBV7	8560	15116	0.66%	0.083%
90	13.774	3858	3867	3868	rBV6	3998	4979	0.22%	0.027%
91	13.861	3887	3894	3901	rBV10	6871	10309	0.45%	0.056%
92	13.909	3902	3909	3912	rBV5	12637	17068	0.75%	0.093%
93	14.217	3996	4005	4018	rVB3	62016	100532	4.40%	0.550%
94	14.314	4019	4035	4046	rBV3	59938	113465	4.97%	0.621%
95	14.697	4149	4154	4160	rBV5	11486	15964	0.70%	0.087%
96	14.841	4192	4199	4208	rBV2	24188	33216	1.45%	0.182%
97	14.976	4235	4241	4257	rVB2	12006	23077	1.01%	0.126%
98	15.063	4259	4268	4277	rBV4	23822	44898	1.97%	0.246%
99	15.233	4315	4321	4326	rBV3	30158	40556	1.78%	0.222%
100	15.311	4339	4345	4358	rVB4	41158	68880	3.02%	0.377%

Sum of corrected areas: 18276760

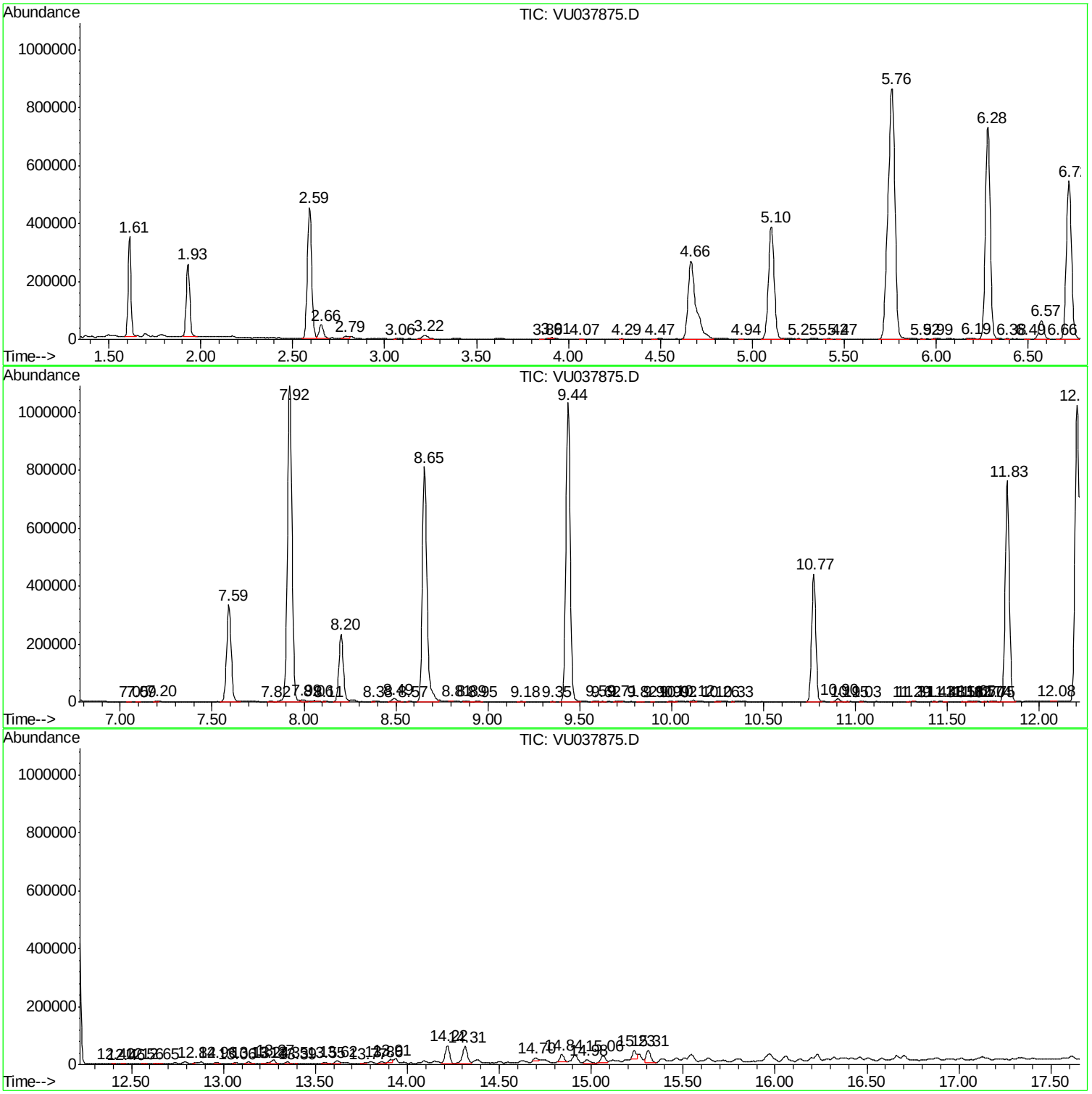
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.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\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

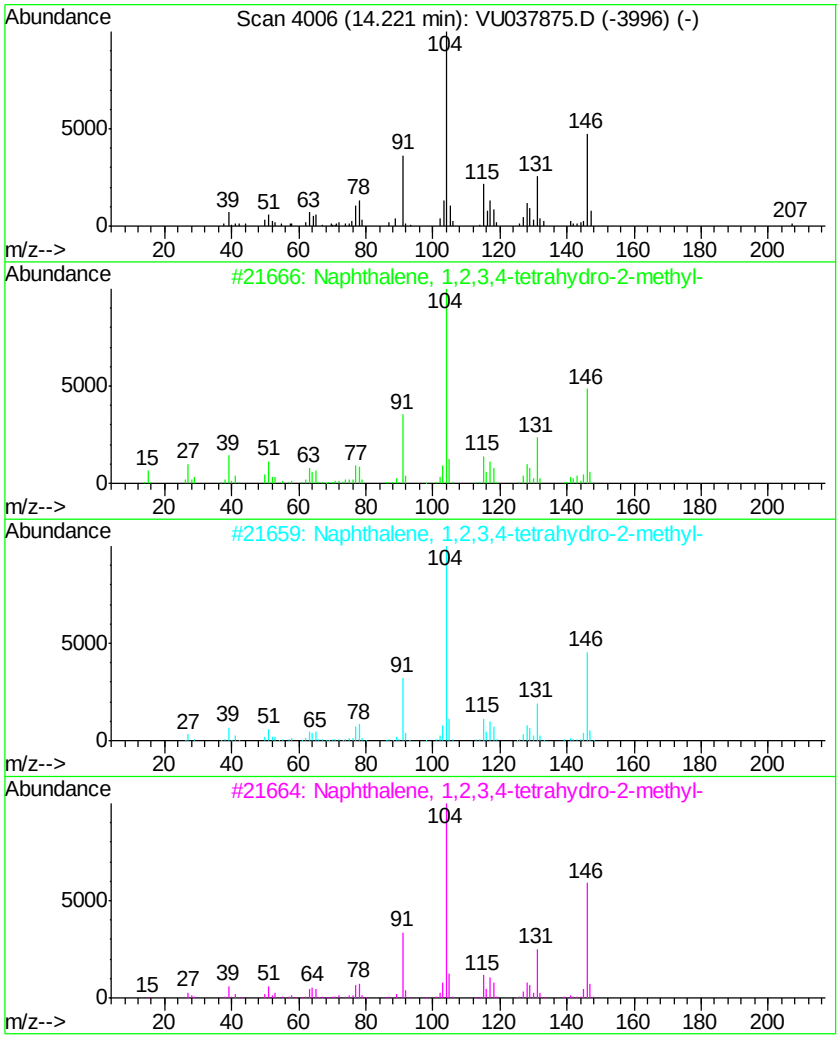
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

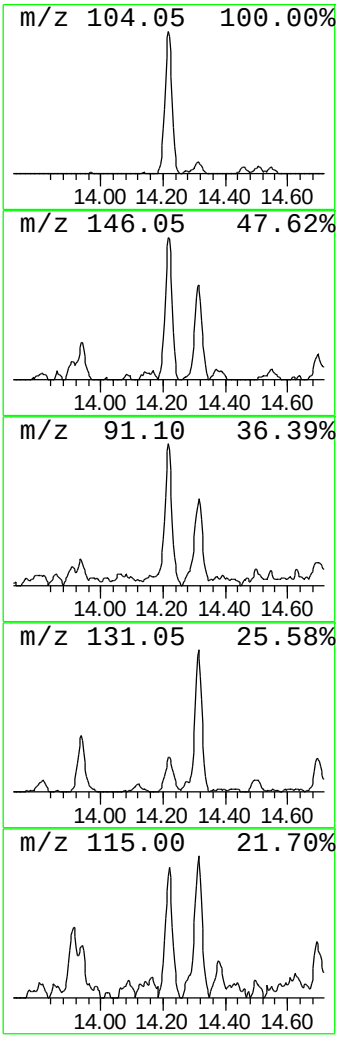
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.14 ug/L	100532	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

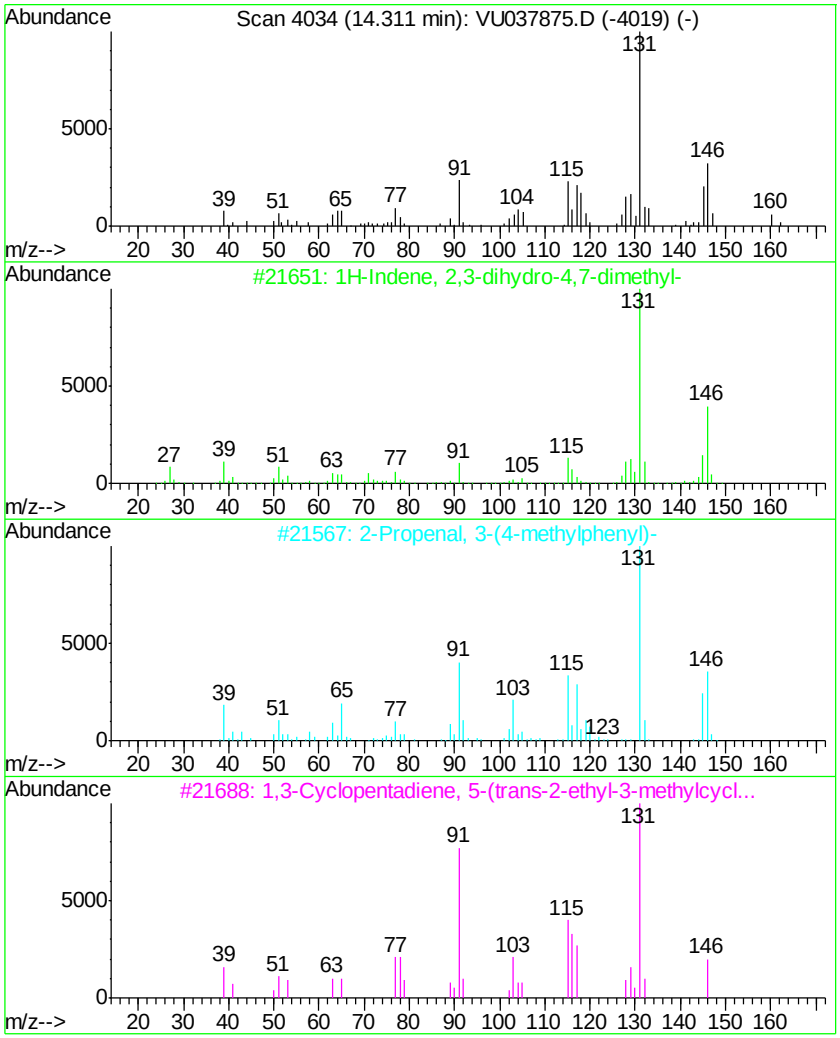
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

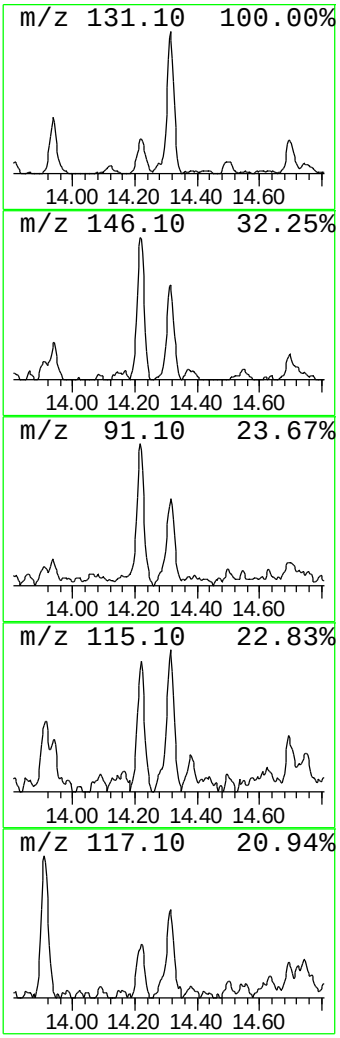
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.67 ug/L	113465	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	83
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	81
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

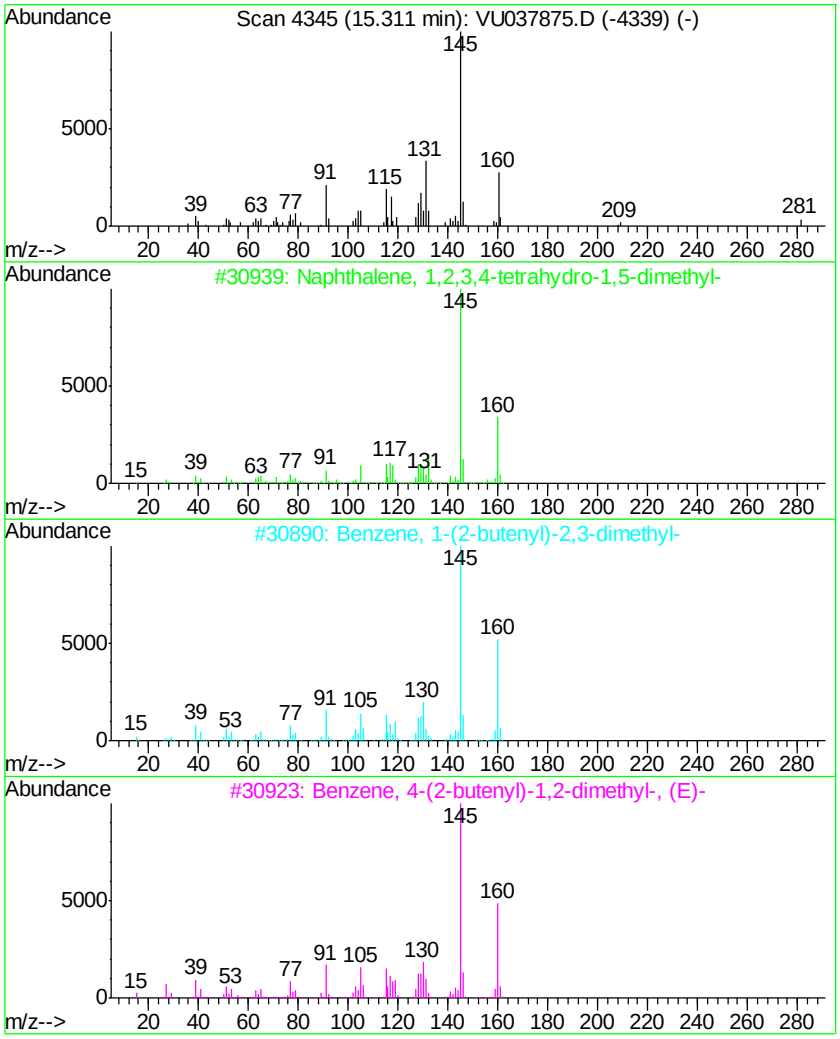
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

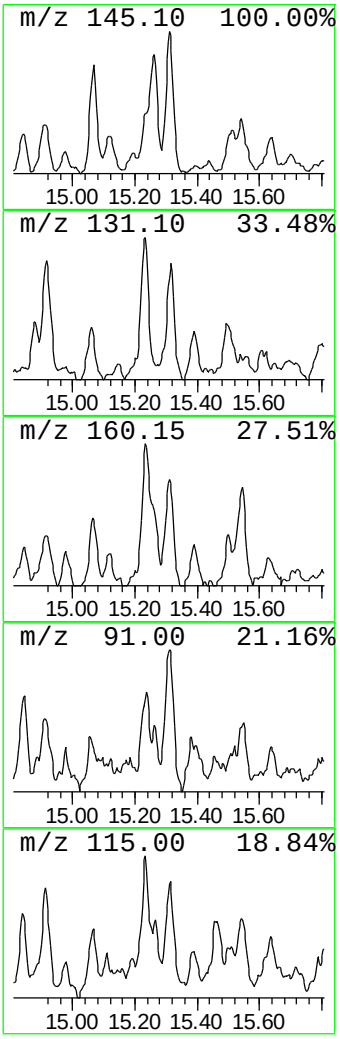
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.84 ug/L	68880	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037875.D
Acq On : 24 Apr 2020 16:48
Operator : JC/MD
Sample : L2395-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D94

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.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
Naphthalene, 1,2,...	14.22	4.1	ug/L	100532	3	11.83	1213790	50.0
1H-Indene, 2,3-di...	14.31	4.7	ug/L	113465	3	11.83	1213790	50.0
Naphthalene, 1,2,...	15.31	2.8	ug/L	68880	3	11.83	1213790	50.0