LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101419\
Data File : VW013558.D
Acq On : 14 Oct 2019 13:12
Operator : SY/VA
Sample : K5262-17RE
Misc : 4.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFB78RE

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_W\METHOD\SOM2WLM101019S.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	2.349	67	73	80	rBV	50112	86202	12.11%	1.820%
2	2.885	155	161	173	rVB2	39700	90310	12.69%	1.907%
3	3.025	182	184	186	rBV2	1282	1450	0.20%	0.031%
4	3.092	193	195	198	rBV3	1242	1306	0.18%	0.028%
5	3.580	274	275	277	rVB	541	242	0.03%	0.005%
6	3.623	280	282	285	rBV2	335	355	0.05%	0.007%
7	3.696	291	294	296	rVB2	425	346	0.05%	0.007%
8	3.787	307	309	310	rBV	311	320	0.04%	0.007%
9	3.915	328	330	332	rBV	347	201	0.03%	0.004%
10	4.007	335	345	363	rBV	83597	239801	33.70%	5.062%
11	4.184	373	374	376	rBV	350	313	0.04%	0.007%
12	4.251	383	385	388	rVB2	321	335	0.05%	0.007%
13	4.281	388	390	391	rBV	224	234	0.03%	0.005%
14	4.336	397	399	402	rBV2	262	300	0.04%	0.006%
15	4.367	402	404	405	rBV	340	213	0.03%	0.004%
16	4.452	416	418	420	rBV2	400	333	0.05%	0.007%
17	4.623	445	446	449	rVB2	369	227	0.03%	0.005%
18	4.671	451	454	461	rBV3	370	760	0.11%	0.016%
19	4.915	485	494	503	rVB5	3820	12184	1.71%	0.257%
20	5.196	536	540	544	rBV2	412	775	0.11%	0.016%
21	5.226	544	545	548	rVV2	215	208	0.03%	0.004%
22	5.519	591	593	596	rVB2	256	229	0.03%	0.005%
23	5.616	607	609	610	rBV	238	189	0.03%	0.004%
24	5.702	621	623	625	rBV2	315	287	0.04%	0.006%
25	5.769	632	634	635	rVB	391	217	0.03%	0.005%
26	5.933	654	661	669	rBV7	2155	6849	0.96%	0.145%
27	6.031	675	677	678	rBV	240	195	0.03%	0.004%
28	6.256	711	714	715	rBV2	214	249	0.03%	0.005%
29	6.372	731	733	735	rVB	384	251	0.04%	0.005%
30	6.610	770	772	774	rBV	193	193	0.03%	0.004%
31	6.659	778	780	781	rBV	238	184	0.03%	0.004%
32	6.775	796	799	800	rVB	330	305	0.04%	0.006%
33	6.787	800	801	804	rBV	236	245	0.03%	0.005%
34	7.079	841	849	858	rBV	18321	58786	8.26%	1.241%

LSC Area Percent Report

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Sample : K5262-17RE
Misc : 4.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFB78RE

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_W\METHOD\SOM2WLM101019S.M
Title : VOC Analysis

35	7.403	899	902	903	rBV	210	238	0.03%	0.005%
36	7.457	910	911	916	rVB	442	498	0.07%	0.011%
37	7.646	932	942	956	rVV	134692	316985	44.54%	6.692%
38	7.774	961	963	964	rBV2	377	197	0.03%	0.004%
39	7.872	976	979	980	rBV	342	258	0.04%	0.005%
40	7.951	988	992	997	rVB3	916	1420	0.20%	0.030%
41	7.994	997	999	1000	rVB	457	281	0.04%	0.006%
42	8.012	1000	1002	1004	rBV2	331	290	0.04%	0.006%
43	8.031	1004	1005	1008	rBV2	224	258	0.04%	0.005%
44	8.183	1028	1030	1033	rBV	166	217	0.03%	0.005%
45	8.274	1035	1045	1060	rBV2	247884	711615	100.00%	15.023%
46	8.561	1090	1092	1097	rBV3	473	726	0.10%	0.015%
47	8.628	1101	1103	1105	rVB2	515	335	0.05%	0.007%
48	8.689	1110	1113	1117	rBV2	698	1017	0.14%	0.021%
49	8.732	1119	1120	1124	rVB2	440	439	0.06%	0.009%
50	8.841	1130	1138	1149	rBV	273821	539504	75.81%	11.389%
51	9.012	1163	1166	1168	rBV3	440	465	0.07%	0.010%
52	9.036	1168	1170	1173	rVV2	391	333	0.05%	0.007%
53	9.085	1173	1178	1184	rVB5	1614	3194	0.45%	0.067%
54	9.274	1199	1209	1219	rBV	175431	352663	49.56%	7.445%
55	9.512	1246	1248	1249	rBV	251	219	0.03%	0.005%
56	9.561	1255	1256	1259	rBV2	208	185	0.03%	0.004%
57	9.591	1259	1261	1262	rBV	425	332	0.05%	0.007%
58	9.658	1269	1272	1273	rBV2	1099	893	0.13%	0.019%
59	9.853	1302	1304	1305	rBV2	334	217	0.03%	0.005%
60	10.036	1326	1334	1345	rBV	64838	121265	17.04%	2.560%
61	10.116	1345	1347	1349	rBV	777	749	0.11%	0.016%
62	10.176	1355	1357	1359	rVB2	326	297	0.04%	0.006%
63	10.207	1359	1362	1363	rBV2	484	326	0.05%	0.007%
64	10.323	1373	1381	1389	rBV	298357	521828	73.33%	11.016%
65	10.512	1404	1412	1413	rBV2	1372	2246	0.32%	0.047%
66	10.579	1417	1423	1431	rVB	37099	63010	8.85%	1.330%
67	10.707	1439	1444	1450	rVB3	2962	5068	0.71%	0.107%
68	10.817	1459	1462	1463	rVB2	372	283	0.04%	0.006%
69	10.859	1465	1469	1473	rBV2	2168	2928	0.41%	0.062%
70	10.926	1473	1480	1489	rBV	63313	117954	16.58%	2.490%
71	11.140	1513	1515	1519	rBV2	264	320	0.04%	0.007%

LSC Area Percent Report

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Sample : K5262-17RE
Misc : 4.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFB78RE

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_W\METHOD\SOM2WLM101019S.M
Title : VOC Analysis

72	11.219	1526	1528	1529	rBV2	422	286	0.04%	0.006%
73	11.634	1588	1596	1604	rBV	244363	426620	59.95%	9.006%
74	11.731	1608	1612	1613	rBV3	1135	1294	0.18%	0.027%
75	12.066	1665	1667	1669	rVB	368	228	0.03%	0.005%
76	12.085	1669	1670	1675	rVB2	282	432	0.06%	0.009%
77	12.121	1675	1676	1679	rBV2	244	248	0.03%	0.005%
78	12.170	1679	1684	1690	rBV4	1108	2007	0.28%	0.042%
79	12.219	1690	1692	1693	rBV	482	302	0.04%	0.006%
80	12.414	1714	1724	1729	rBV7	4977	17655	2.48%	0.373%
81	12.609	1751	1756	1762	rVB	15018	23530	3.31%	0.497%
82	12.688	1763	1769	1777	rVB	102225	170952	24.02%	3.609%
83	12.761	1777	1781	1782	rBV3	395	431	0.06%	0.009%
84	13.097	1834	1836	1839	rBV2	247	265	0.04%	0.006%
85	13.304	1857	1870	1873	rBV6	15296	48212	6.78%	1.018%
86	13.554	1905	1911	1920	rVB	103972	174537	24.53%	3.685%
87	13.651	1923	1927	1931	rVB5	3433	5433	0.76%	0.115%
88	13.761	1943	1945	1946	rVB2	419	207	0.03%	0.004%
89	13.792	1948	1950	1953	rBV	378	373	0.05%	0.008%
90	13.853	1953	1960	1968	rVV	100914	166158	23.35%	3.508%
91	13.962	1970	1978	1988	rVV5	6560	21984	3.09%	0.464%
92	14.072	1990	1996	2002	rVB	44671	73761	10.37%	1.557%
93	14.182	2013	2014	2016	rBV	585	523	0.07%	0.011%
94	14.237	2022	2023	2025	rBV	439	347	0.05%	0.007%
95	14.401	2048	2050	2051	rBV	512	341	0.05%	0.007%
96	14.621	2084	2086	2087	rBV2	1160	663	0.09%	0.014%
97	14.950	2129	2140	2153	rBV2	65792	220438	30.98%	4.654%
98	15.304	2196	2198	2199	rBV	921	683	0.10%	0.014%
99	15.499	2223	2230	2238	rVB	57096	104483	14.68%	2.206%
100	16.157	2336	2338	2340	rBV3	1140	893	0.13%	0.019%

Sum of corrected areas: 4736933

LSC Report - Integrated Chromatogram

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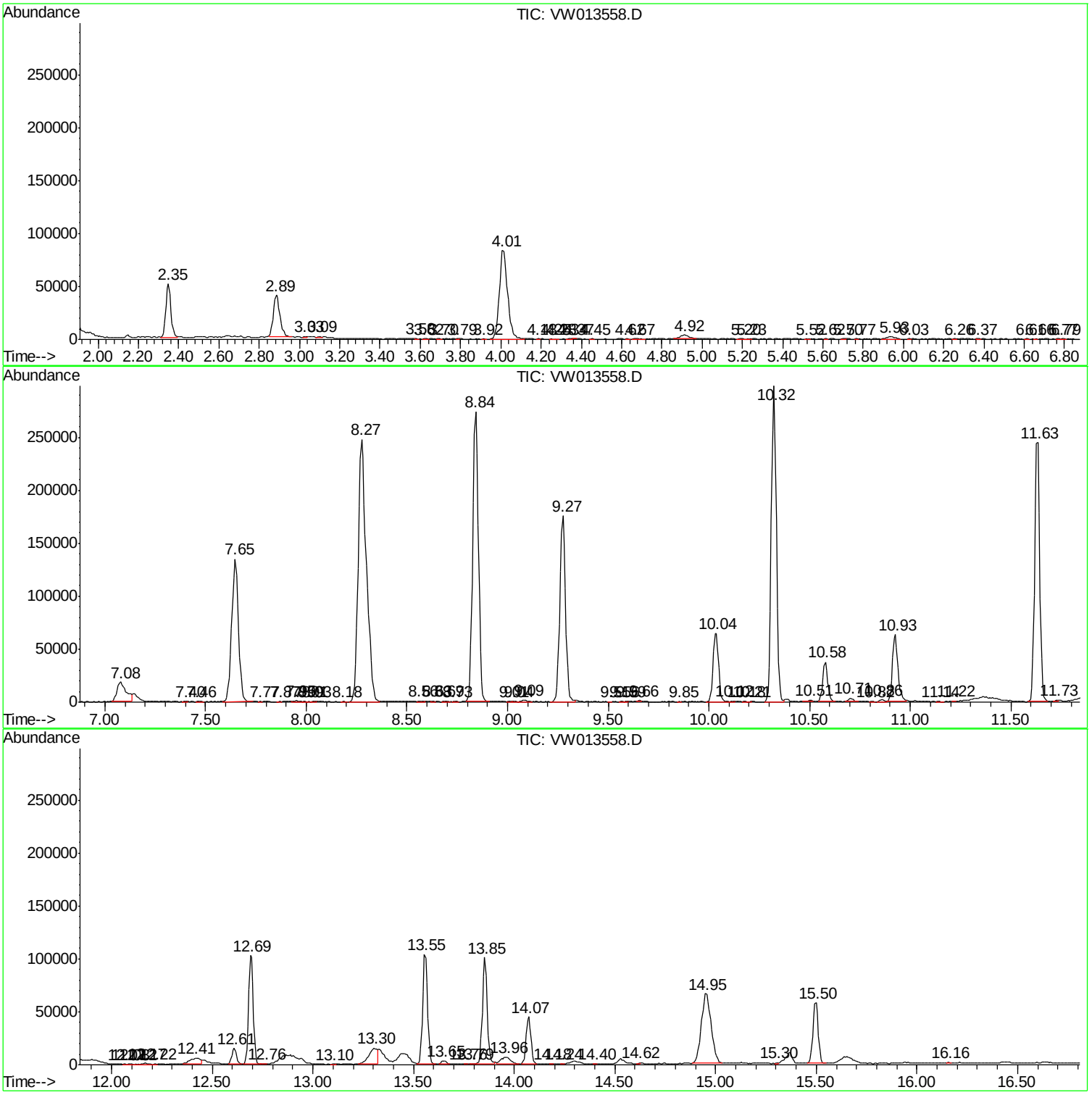
Sample : K5262-17RE
Misc : 4.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB78RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101419\
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Instrument : MSVOA_W
ClientSampleId : BFB78RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

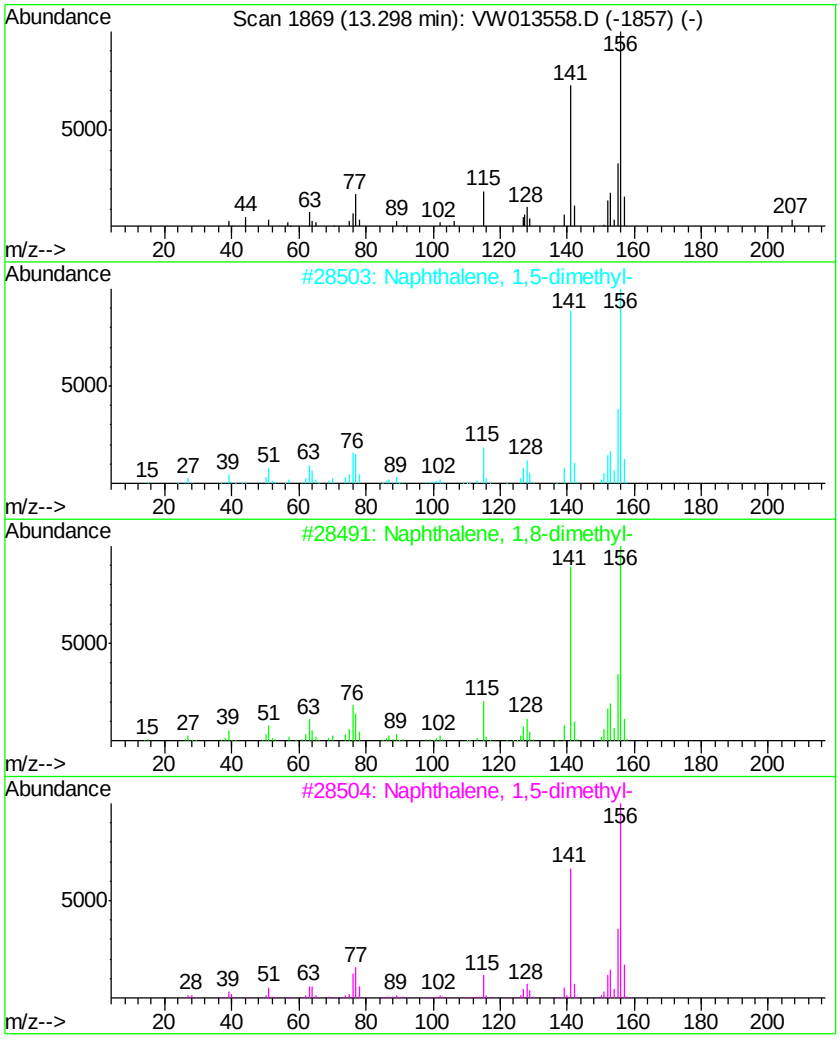
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

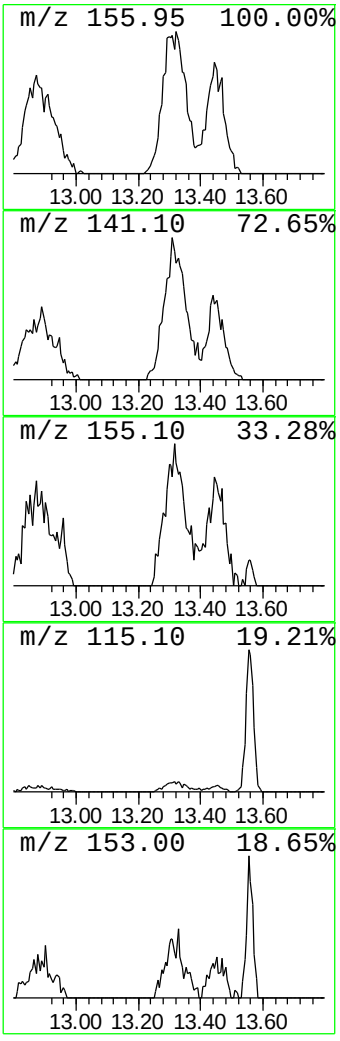
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	6.91 ug/L	48212	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFB78RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

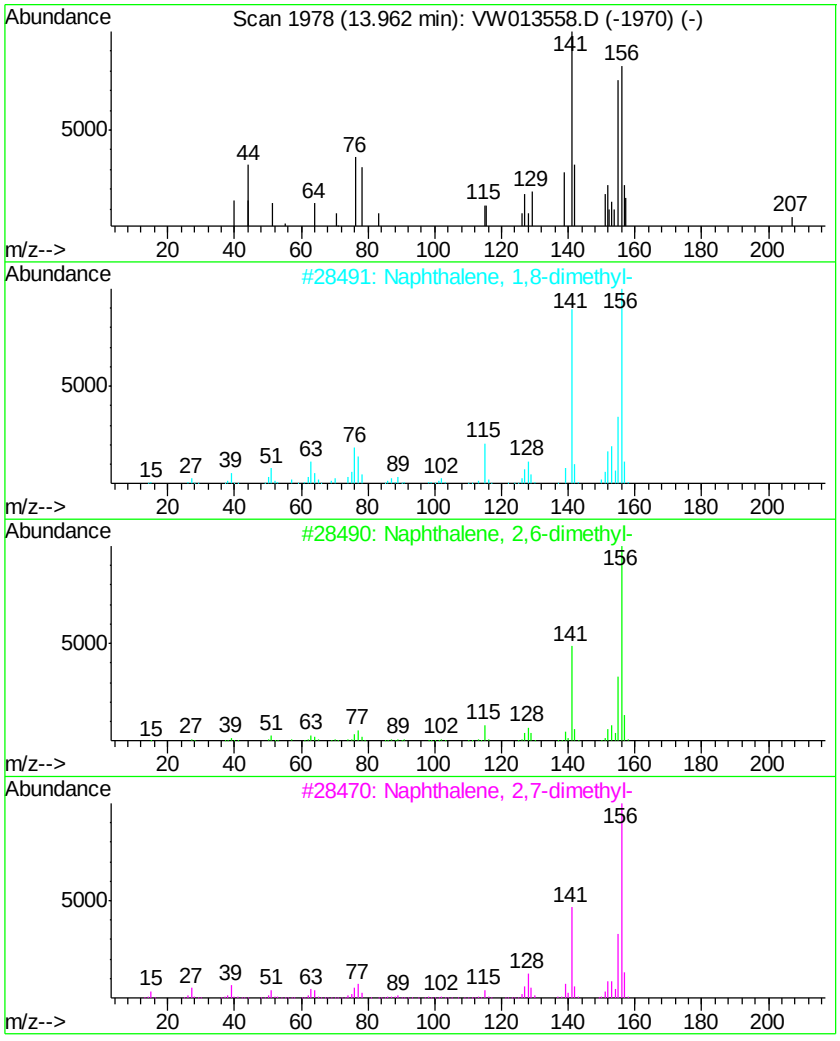
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

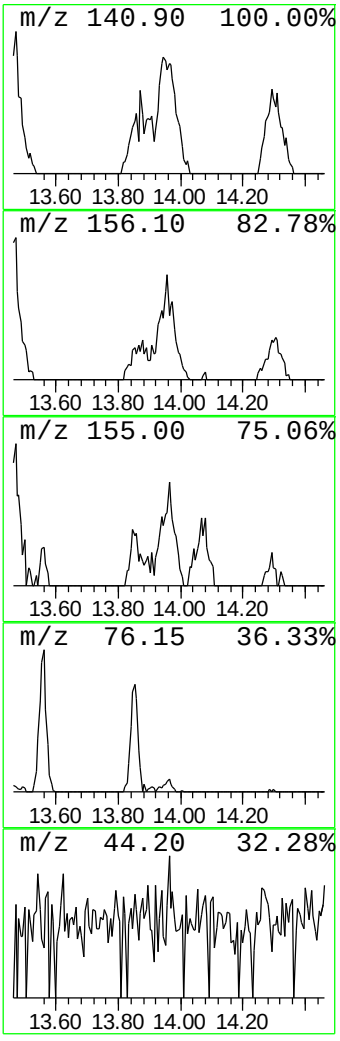
****

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.15 ug/L	21984	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	47
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	47
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	47
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	46
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	43





Tentatively Identified Compound (LSC) summary

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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, 1,5-...	13.30	6.9	ug/L	48212	3	13.55	174537	25.0
unknown-01	13.96	3.1	ug/L	21984	3	13.55	174537	25.0