LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

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_Y\METHODS\SOM2YLM121420S.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	1.997	27	29	31	rVB	628	491	0.03%	0.003%
2	2.064	35	40	44	rBV4	1850	3097	0.19%	0.019%
3	2.125	46	50	56	rVB5	1652	3292	0.20%	0.020%
4	2.174	56	58	60	rBV3	604	463	0.03%	0.003%
5	2.247	63	70	82	rBV	124779	212884	12.75%	1.319%
6	2.375	89	91	93	rBV2	616	627	0.04%	0.004%
7	2.454	100	104	106	rBV3	1059	1892	0.11%	0.012%
8	2.552	109	120	127	rVV8	4748	16718	1.00%	0.104%
9	2.710	143	146	149	rVB4	989	1032	0.06%	0.006%
10	2.771	149	156	170	rVB	86511	178920	10.72%	1.108%
11	2.948	184	185	189	rVB4	646	573	0.03%	0.004%
12	2.985	189	191	193	rBV3	729	780	0.05%	0.005%
13	3.003	193	194	197	rVB3	1059	682	0.04%	0.004%
14	3.259	231	236	244	rVB3	2522	5595	0.34%	0.035%
15	3.326	244	247	249	rVB2	434	473	0.03%	0.003%
16	3.472	268	271	275	rBV3	623	901	0.05%	0.006%
17	3.612	293	294	298	rBV2	634	727	0.04%	0.005%
18	3.680	300	305	307	rBV2	407	721	0.04%	0.004%
19	3.862	323	335	350	rBV	206453	551942	33.07%	3.419%
20	4.216	384	393	394	rBV4	1319	2815	0.17%	0.017%
21	4.234	394	396	400	rVB2	833	1013	0.06%	0.006%
22	4.728	465	477	493	rBV3	15263	48188	2.89%	0.299%
23	4.862	495	499	501	rBV2	365	486	0.03%	0.003%
24	4.948	501	513	524	rBV5	2391	9086	0.54%	0.056%
25	5.265	562	565	567	rVB2	480	574	0.03%	0.004%
26	5.319	569	574	576	rVB3	345	483	0.03%	0.003%
27	5.441	591	594	598	rBV4	496	669	0.04%	0.004%
28	5.576	610	616	623	rVB3	1818	3821	0.23%	0.024%
29	5.758	638	646	660	rVB5	3648	11187	0.67%	0.069%
30	6.563	774	778	780	rVB	573	537	0.03%	0.003%
31	6.740	803	807	810	rVB2	482	547	0.03%	0.003%
32	6.905	821	834	842	rBV	65164	184670	11.06%	1.144%
33	6.996	842	849	870	rVB	35428	121866	7.30%	0.755%
34	7.179	878	879	886	rVB3	1254	1641	0.10%	0.010%

LSC Area Percent Report

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Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

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_Y\METHODS\SOM2YLM121420S.M
Title : VOC Analysis

35	7.228	886	887	891	rVB4	748	590	0.04%	0.004%
36	7.301	898	899	903	rVB4	798	736	0.04%	0.005%
37	7.337	903	905	908	rVB4	511	674	0.04%	0.004%
38	7.380	908	912	916	rVB4	757	1078	0.06%	0.007%
39	7.490	918	930	942	rBV	221524	546451	32.74%	3.385%
40	7.575	942	944	949	rVB4	599	676	0.04%	0.004%
41	7.618	949	951	953	rVB2	693	582	0.03%	0.004%
42	7.697	958	964	973	rVB4	2540	6668	0.40%	0.041%
43	7.813	979	983	985	rVB3	369	526	0.03%	0.003%
44	7.910	995	999	1003	rVB3	714	1041	0.06%	0.006%
45	7.953	1003	1006	1008	rBV3	591	680	0.04%	0.004%
46	8.118	1022	1033	1050	rBV3	563482	1669057	100.00%	10.339%
47	8.343	1068	1070	1074	rVB4	580	781	0.05%	0.005%
48	8.392	1077	1078	1081	rVB3	587	446	0.03%	0.003%
49	8.417	1081	1082	1085	rBV3	651	624	0.04%	0.004%
50	8.465	1087	1090	1091	rBV3	907	1025	0.06%	0.006%
51	8.526	1098	1100	1101	rBV	931	843	0.05%	0.005%
52	8.538	1101	1102	1105	rVV2	1069	743	0.04%	0.005%
53	8.581	1107	1109	1111	rBV3	879	740	0.04%	0.005%
54	8.599	1111	1112	1115	rBV3	897	947	0.06%	0.006%
55	8.697	1118	1128	1137	rBV	428601	843877	50.56%	5.228%
56	8.807	1143	1146	1149	rVB4	665	664	0.04%	0.004%
57	8.929	1159	1166	1173	rBV2	19868	40770	2.44%	0.253%
58	9.014	1178	1180	1183	rBV4	734	565	0.03%	0.003%
59	9.124	1186	1198	1209	rBV	309726	637907	38.22%	3.952%
60	9.300	1225	1227	1229	rBV2	1740	1531	0.09%	0.009%
61	9.380	1238	1240	1241	rBV2	1564	1125	0.07%	0.007%
62	9.410	1243	1245	1248	rBV3	2503	3953	0.24%	0.024%
63	9.489	1253	1258	1259	rBV4	4496	6695	0.40%	0.041%
64	9.892	1318	1324	1334	rVB	212245	381337	22.85%	2.362%
65	10.075	1349	1354	1355	rBV5	4089	6354	0.38%	0.039%
66	10.178	1364	1371	1380	rBV	670057	1187921	71.17%	7.359%
67	10.441	1408	1414	1422	rVB	146052	251696	15.08%	1.559%
68	10.581	1431	1437	1444	rVB	128936	232747	13.94%	1.442%
69	10.788	1465	1471	1479	rBV	286328	445777	26.71%	2.761%
70	10.953	1492	1498	1509	rBV2	42245	93750	5.62%	0.581%
71	11.044	1511	1513	1517	rVB5	5632	6167	0.37%	0.038%

LSC Area Percent Report

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Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

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_Y\METHODS\SOM2YLM121420S.M
Title : VOC Analysis

72	11.318	1552	1558	1565	rBV2	61632	108668	6.51%	0.673%
73	11.489	1580	1586	1596	rVB	642320	1045271	62.63%	6.475%
74	11.904	1639	1654	1661	rBV3	45279	242100	14.51%	1.500%
75	12.428	1723	1740	1741	rBV3	123185	457651	27.42%	2.835%
76	12.489	1747	1750	1757	rVB2	141225	247950	14.86%	1.536%
77	12.562	1757	1762	1770	rVB	311081	534635	32.03%	3.312%
78	12.964	1813	1828	1840	rBV3	306468	1435295	85.99%	8.891%
79	13.111	1842	1852	1871	rVB3	159722	817099	48.96%	5.062%
80	13.422	1897	1903	1911	rBV	717115	1111330	66.58%	6.884%
81	13.672	1936	1944	1947	rBV2	76879	206695	12.38%	1.280%
82	13.720	1947	1952	1959	rVB	666336	1069629	64.09%	6.626%
83	13.964	1988	1992	1996	rBV3	21862	36219	2.17%	0.224%
84	14.031	1998	2003	2019	rVB3	36912	132984	7.97%	0.824%
85	14.671	2104	2108	2114	rBV4	22704	45983	2.76%	0.285%
86	14.879	2132	2142	2149	rBV3	30991	115122	6.90%	0.713%
87	14.946	2151	2153	2165	rVB10	22693	61360	3.68%	0.380%
88	15.056	2165	2171	2179	rBV4	26153	61224	3.67%	0.379%
89	15.232	2196	2200	2205	rVV3	11079	20443	1.22%	0.127%
90	15.306	2206	2212	2222	rVV6	28610	86620	5.19%	0.537%
91	15.427	2224	2232	2241	rVV5	21953	78576	4.71%	0.487%
92	15.519	2243	2247	2254	rVB2	18264	35192	2.11%	0.218%
93	15.696	2272	2276	2277	rBV3	6299	8799	0.53%	0.055%
94	15.726	2278	2281	2291	rVB6	19936	48607	2.91%	0.301%
95	15.818	2293	2296	2301	rVB4	12453	17956	1.08%	0.111%
96	15.885	2301	2307	2323	rVB9	20995	84819	5.08%	0.525%
97	16.031	2325	2331	2338	rBV5	15290	33330	2.00%	0.206%
98	16.232	2355	2364	2368	rBV4	15640	40693	2.44%	0.252%
99	16.293	2368	2374	2380	rVB	51327	95195	5.70%	0.590%
100	16.482	2398	2405	2420	rBV3	43785	116291	6.97%	0.720%

Sum of corrected areas: 16142873

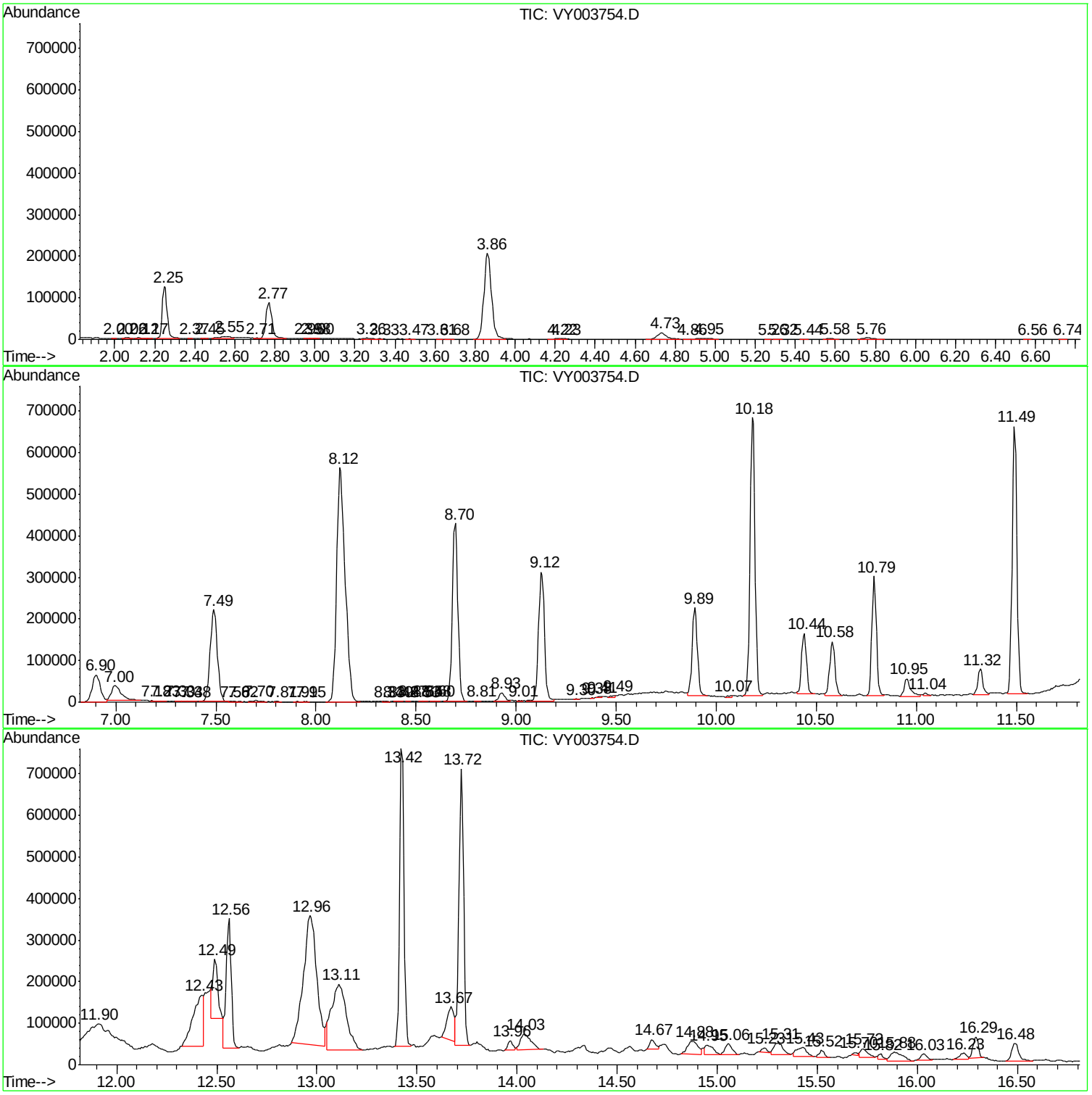
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.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_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

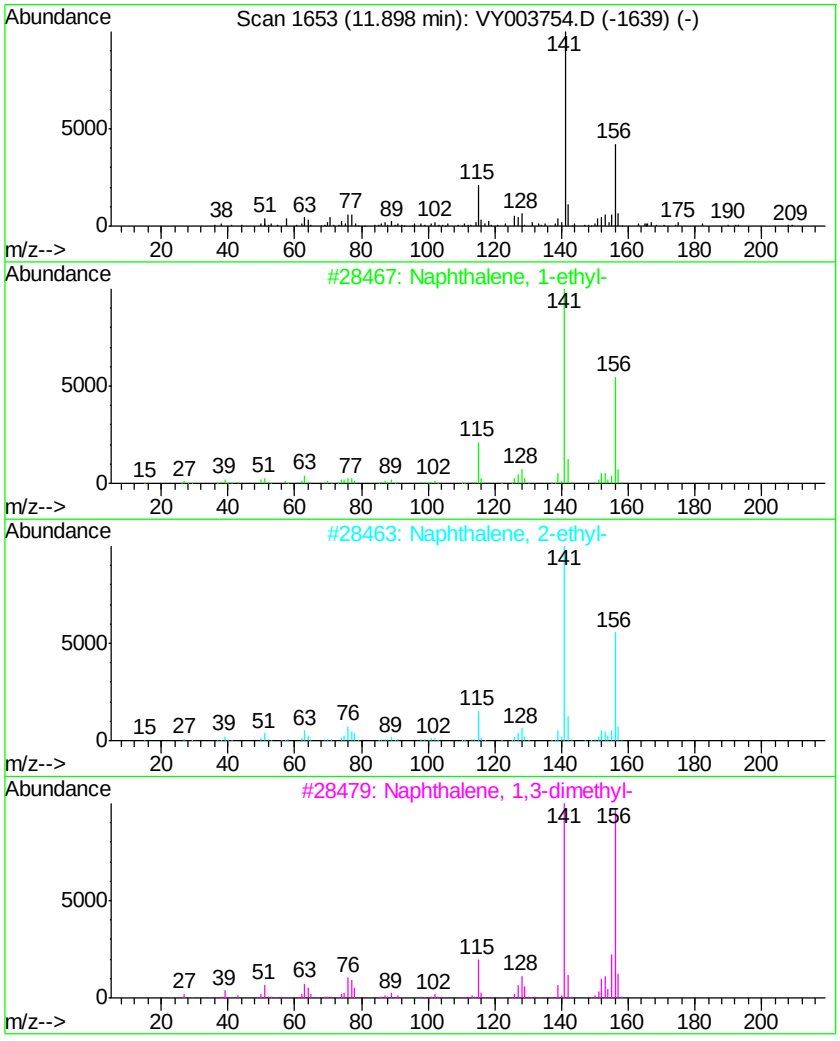
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

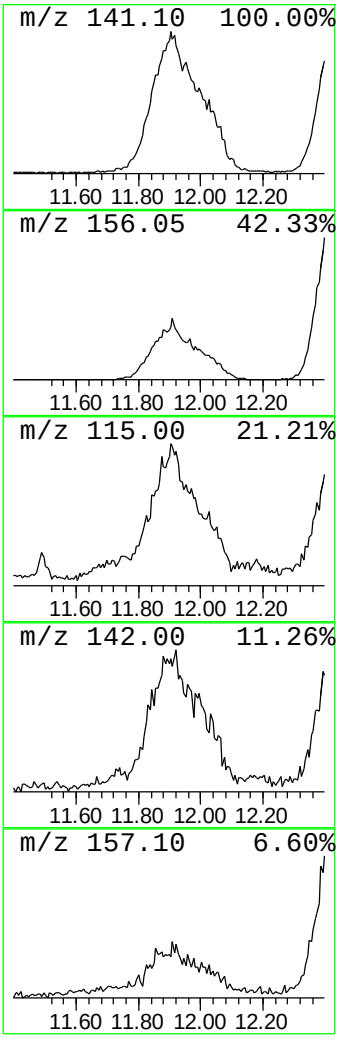
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.79 ug/L	242100	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

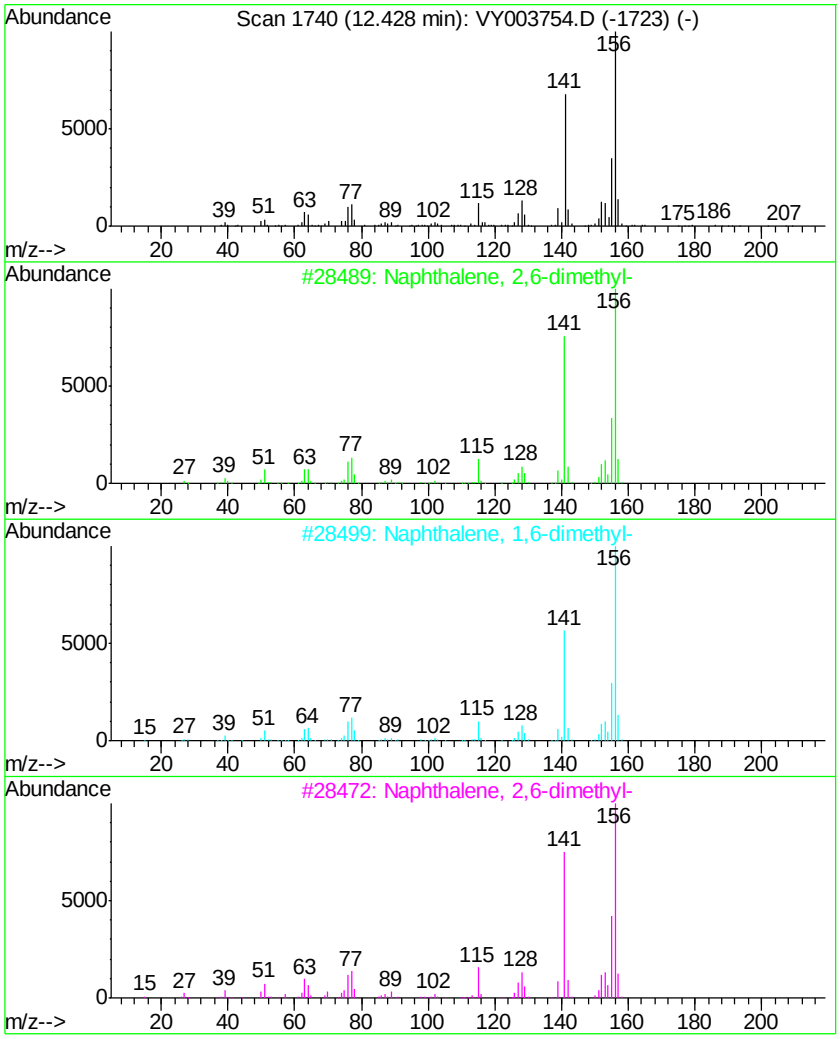
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

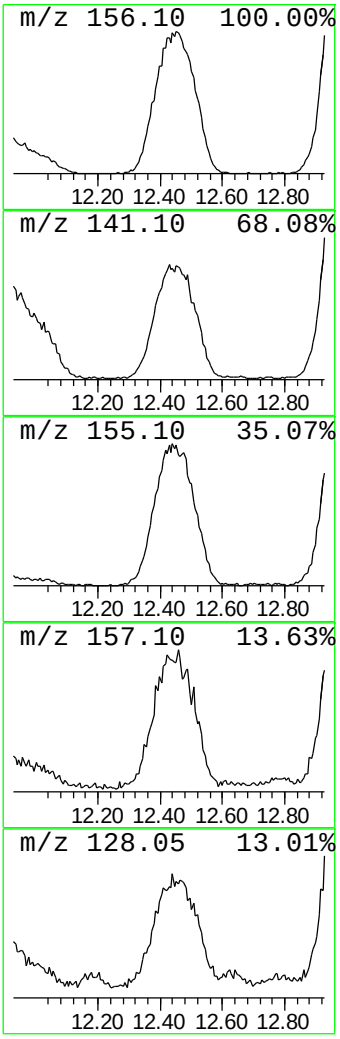
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	10.95 ug/L	457651	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

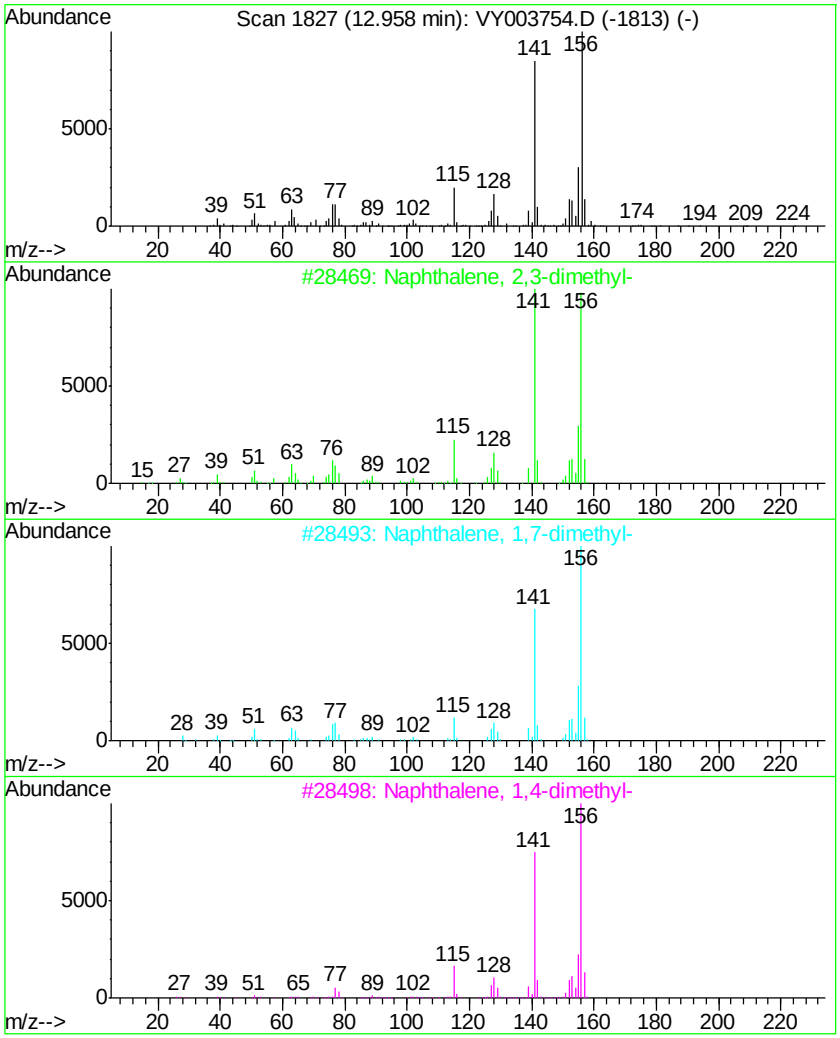
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

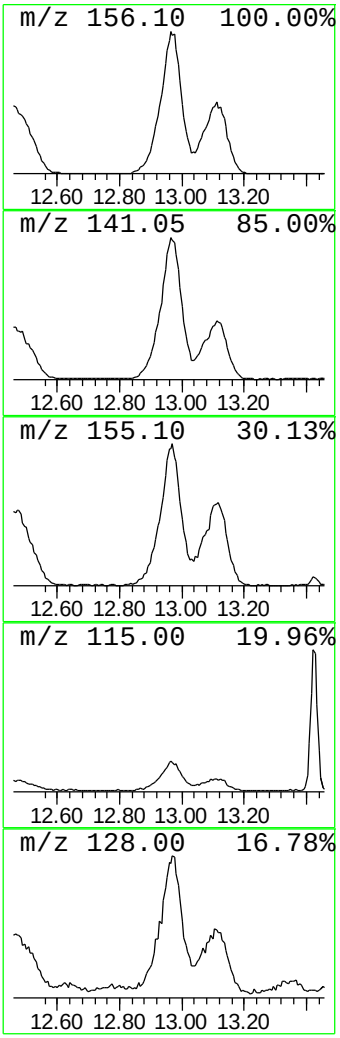
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	32.29 ug/L	1435300	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

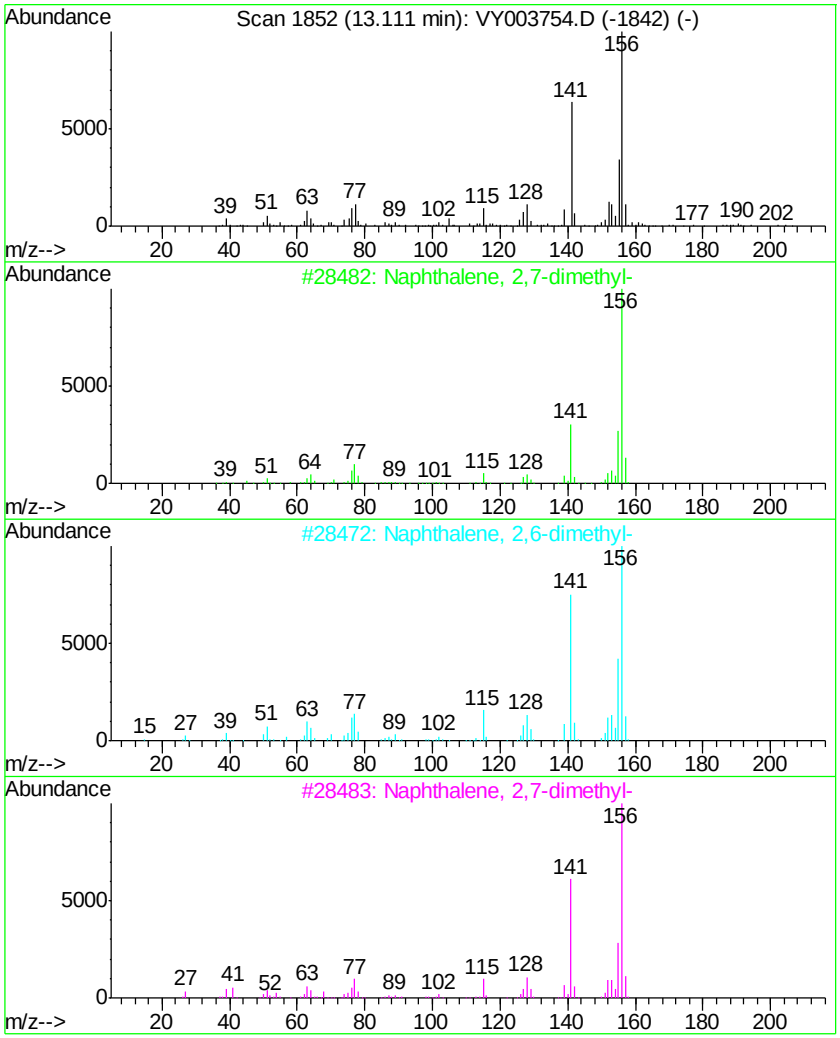
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

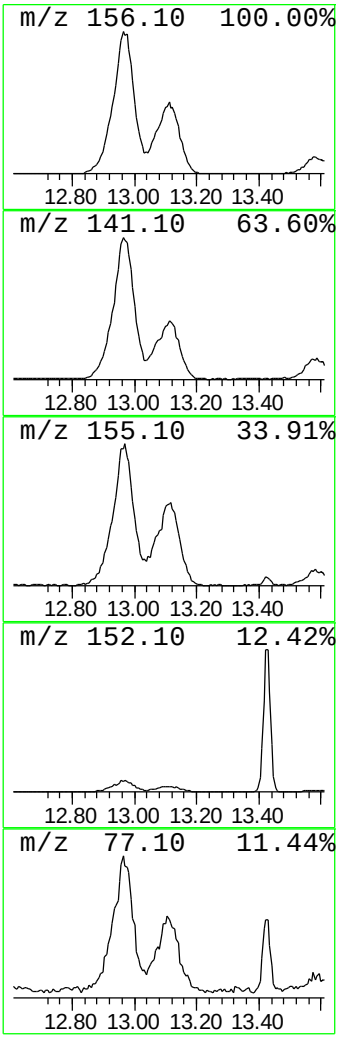
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	18.38 ug/L	817099	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

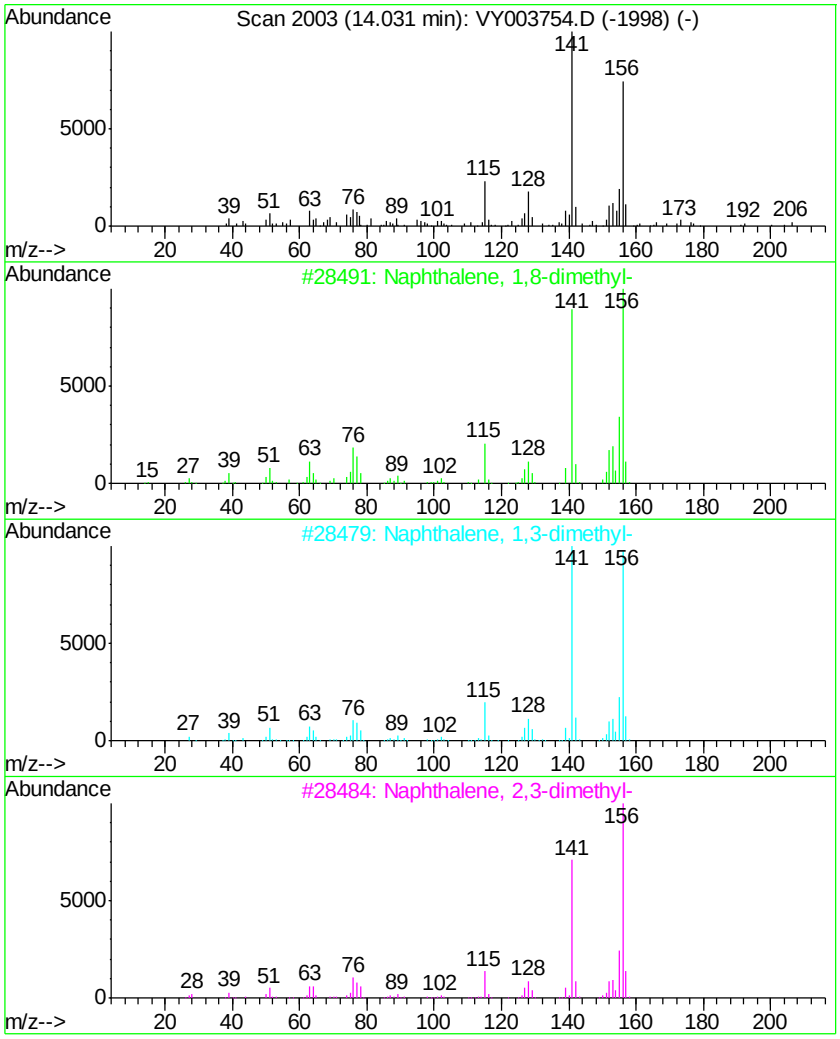
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

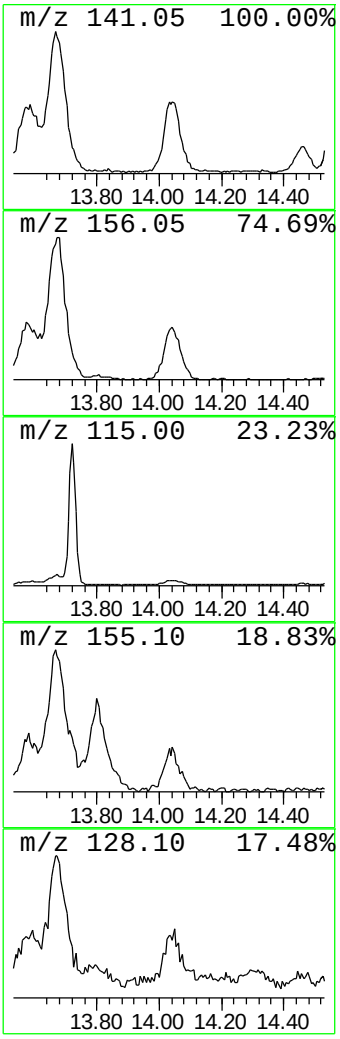
****

Peak Number 11 Naphthalene, 1,8-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	2.99 ug/L	132984	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

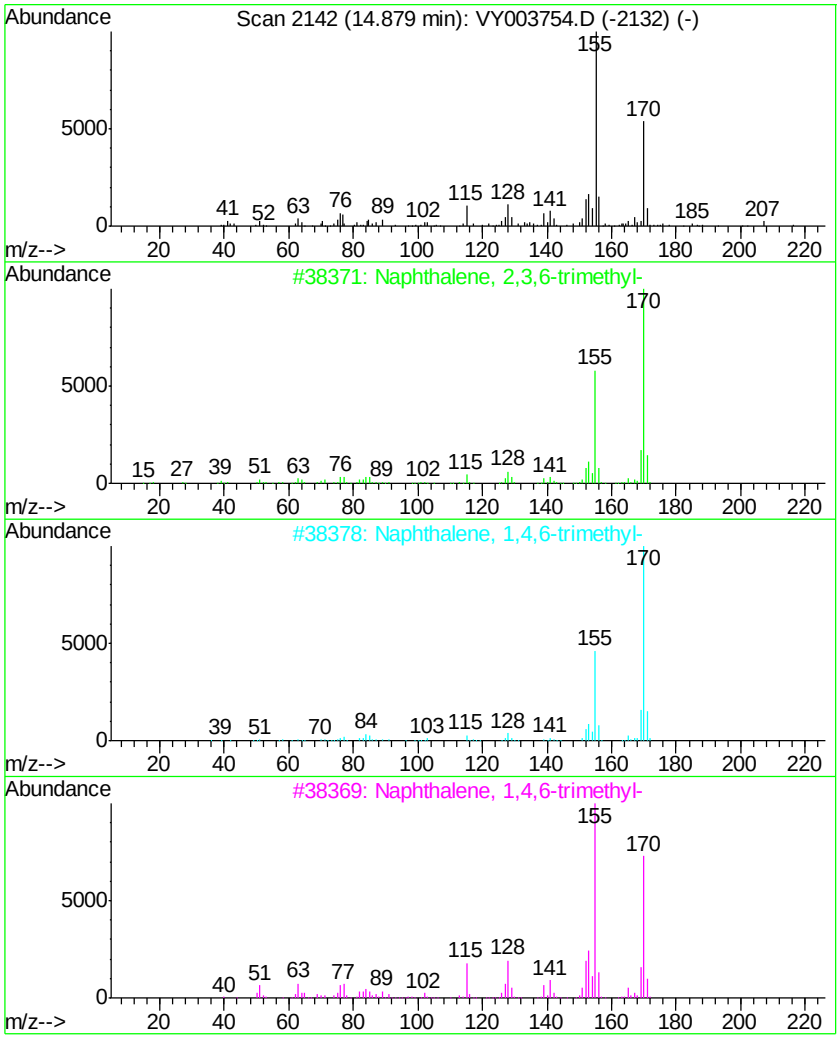
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

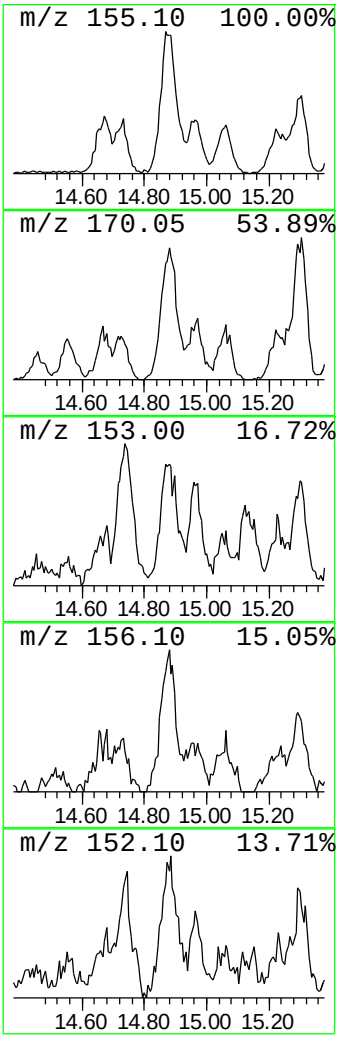
****

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.59 ug/L	115122	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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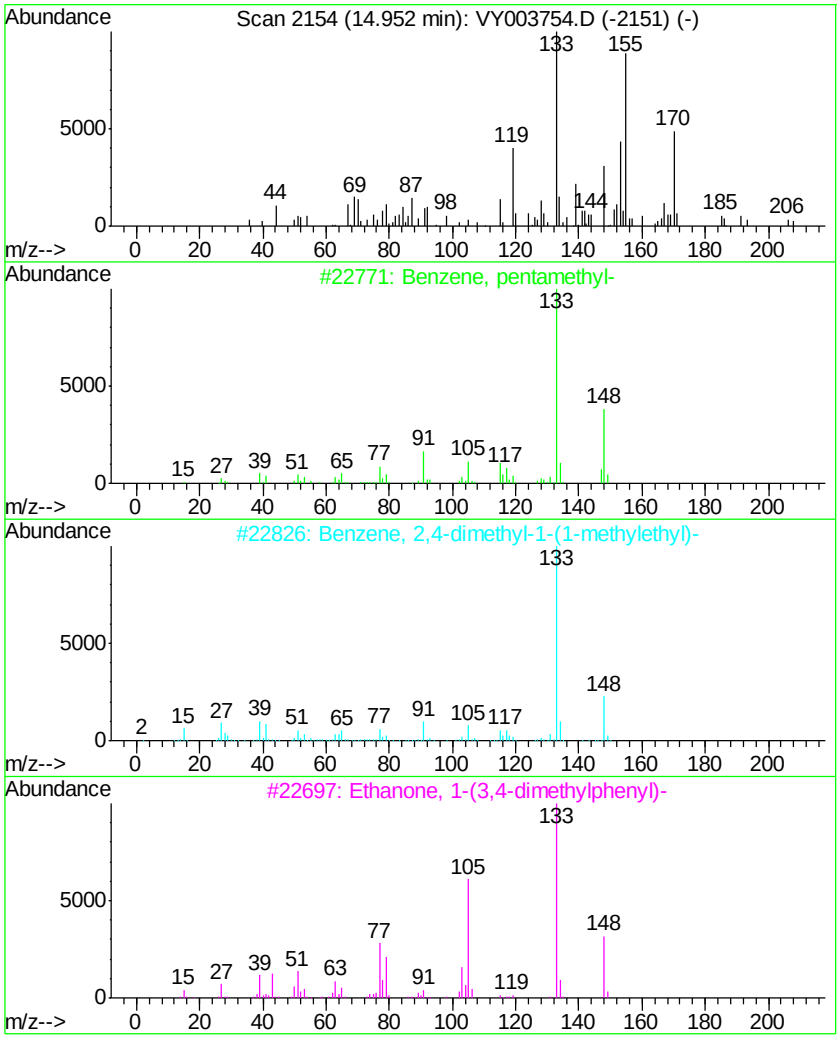
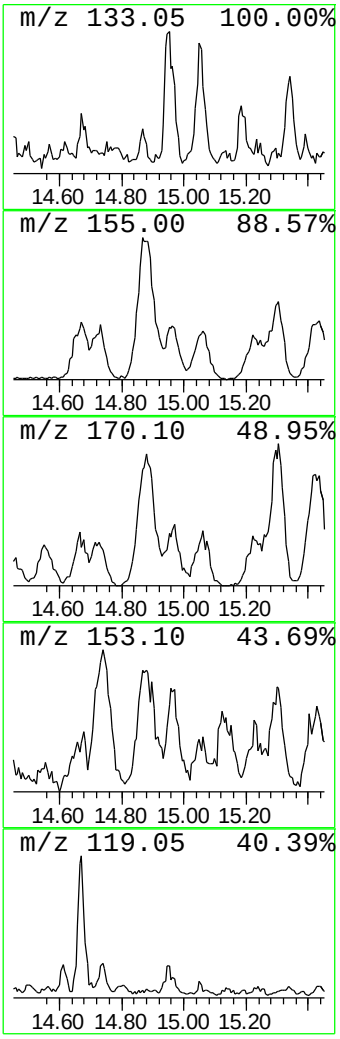
Peak Number 13 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	1.38 ug/L	61360	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	30
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	27
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	27
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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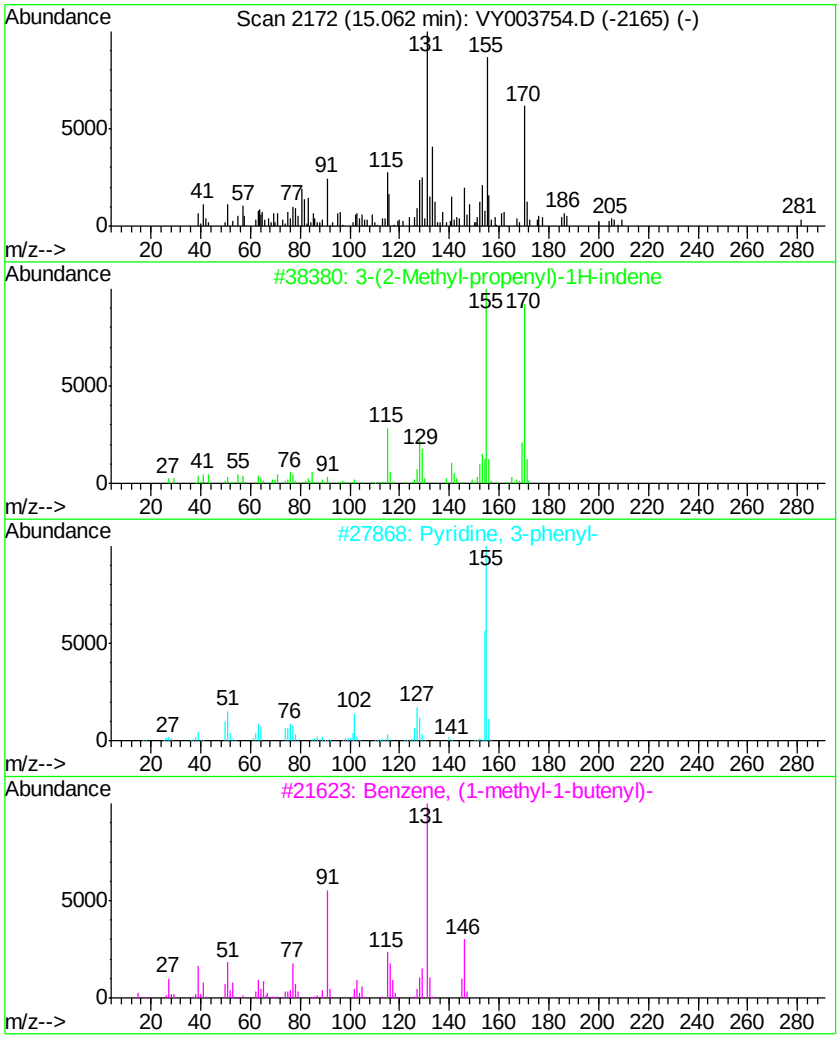
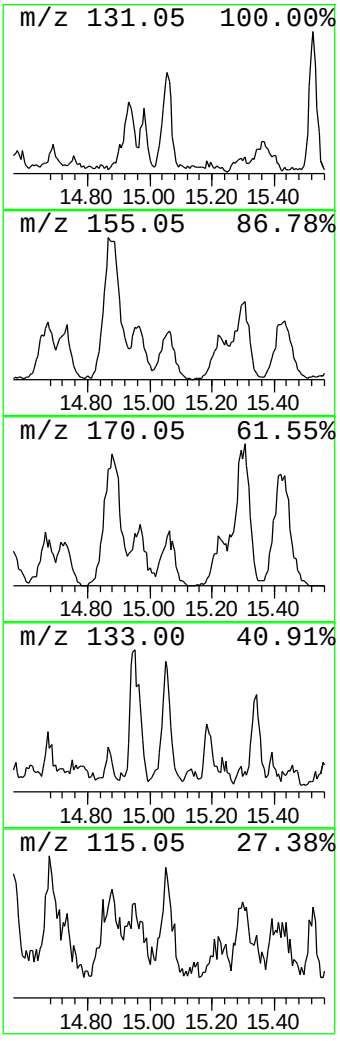
Peak Number 14 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	1.38 ug/L	61224	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
2	Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	25
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
4	Benzene, 1-(3-chloro-1-propenyl)...	166	C10H11Cl	1000327-36-5	22
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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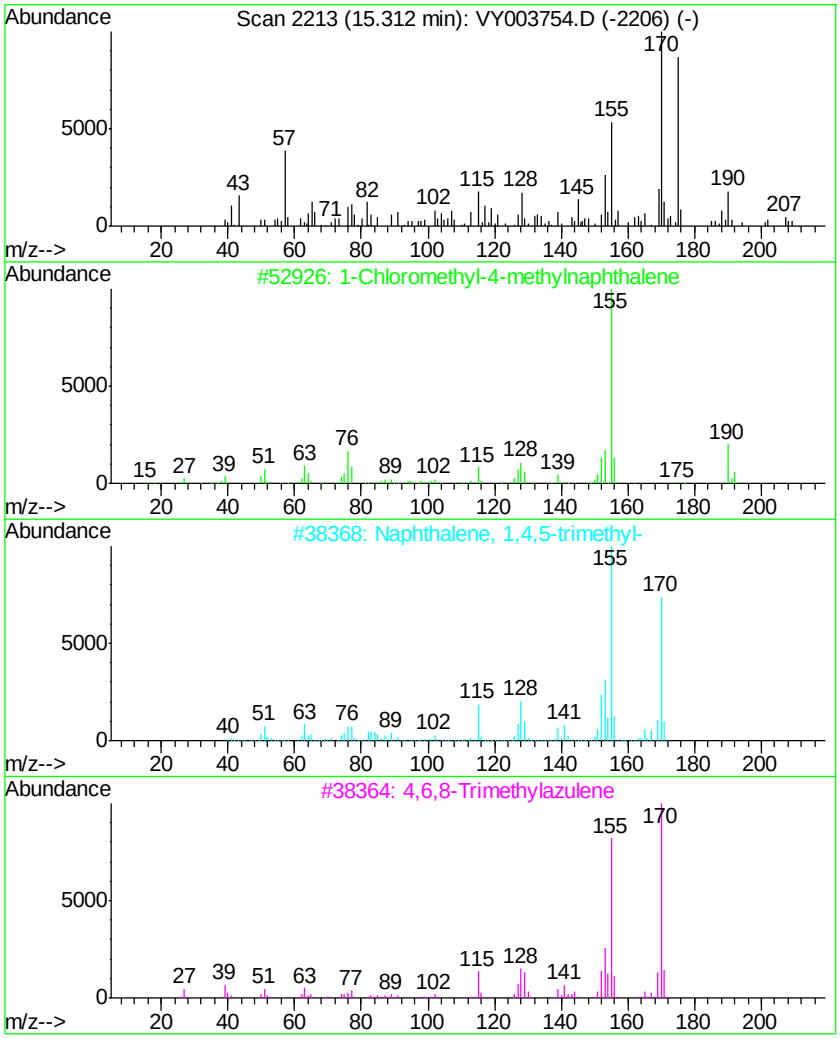
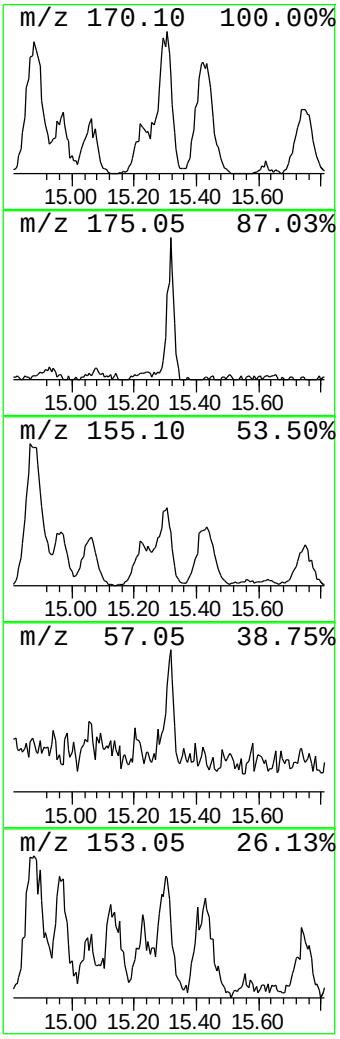
Peak Number 15 1-Chloromethyl-4-methylnaph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	1.95 ug/L	86620	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	80
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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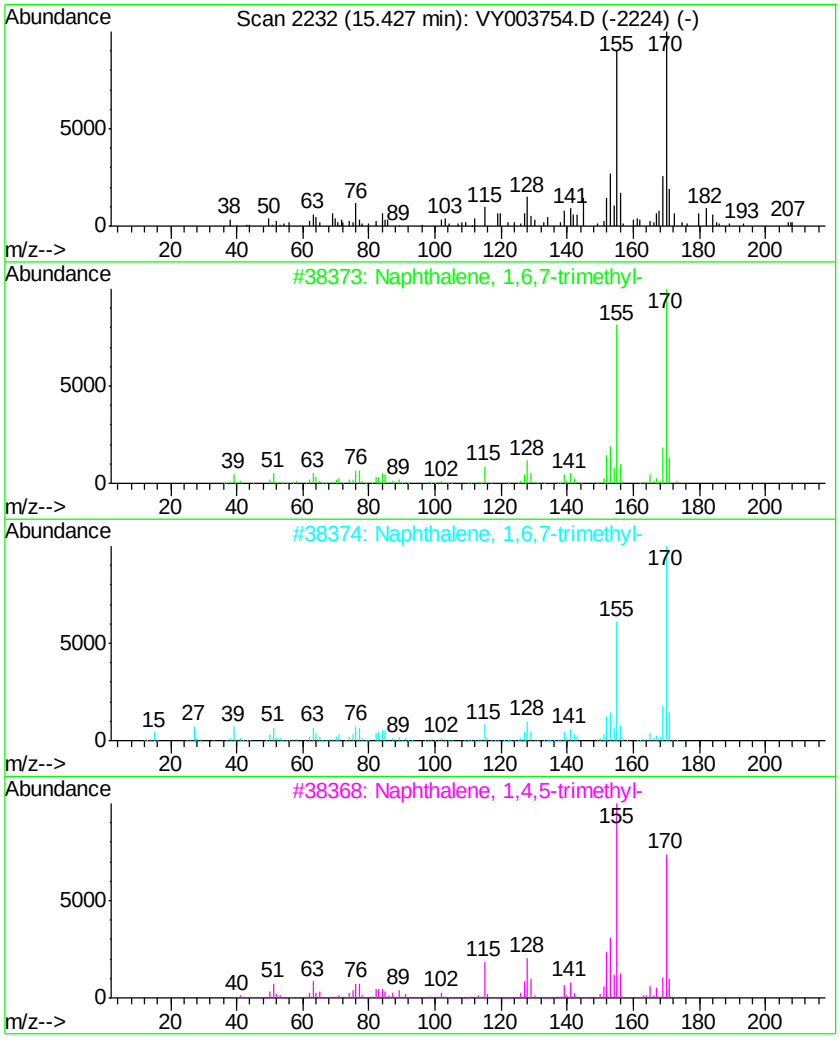
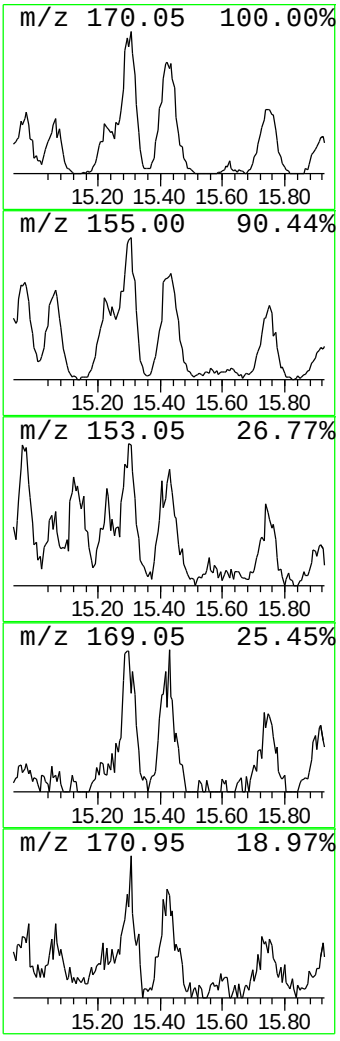
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	1.77 ug/L	78576	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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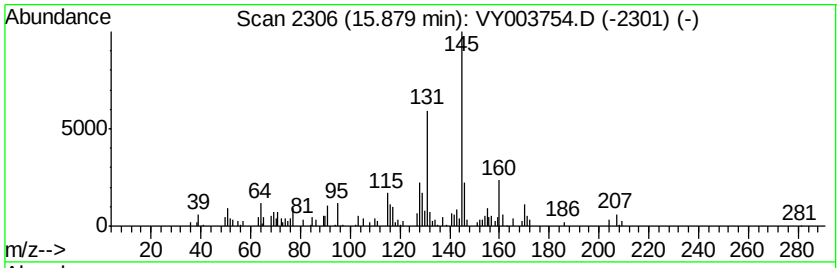
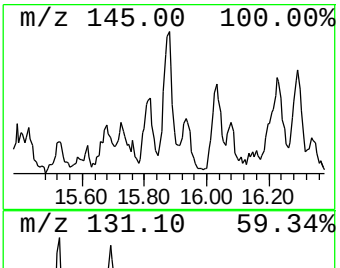
Peak Number 17 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	1.91 ug/L	84819	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
3	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	38
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.14 ug/L	95195	1,4-Dichlorobenzene-d4	13.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
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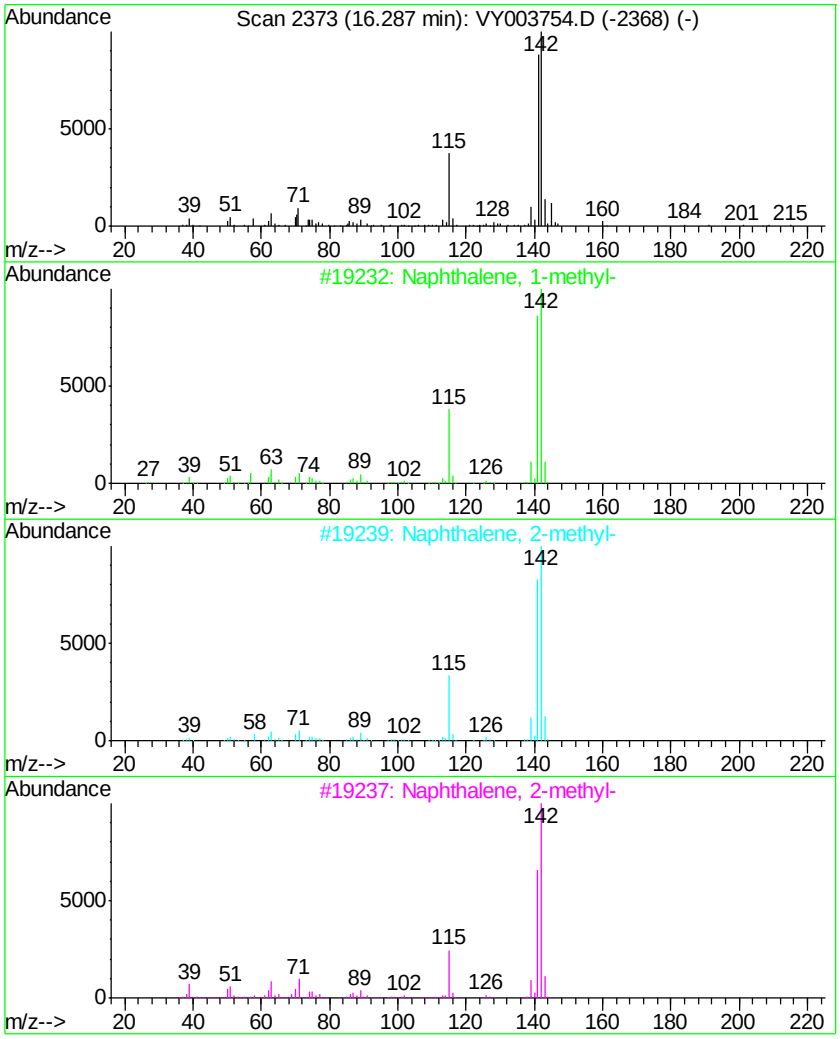
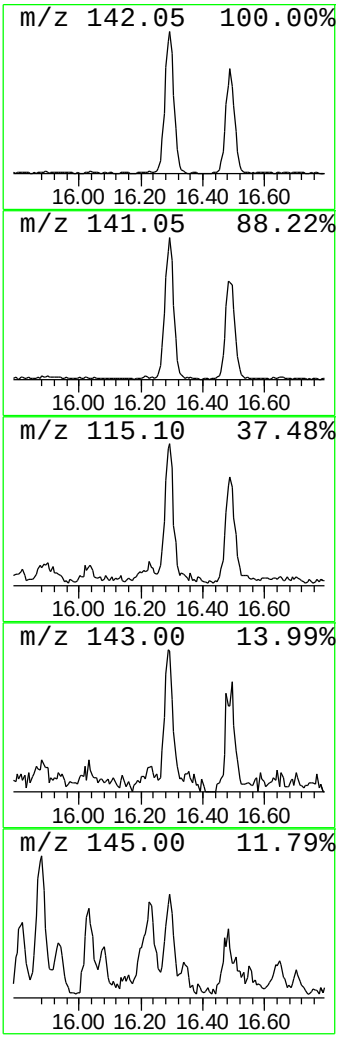
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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

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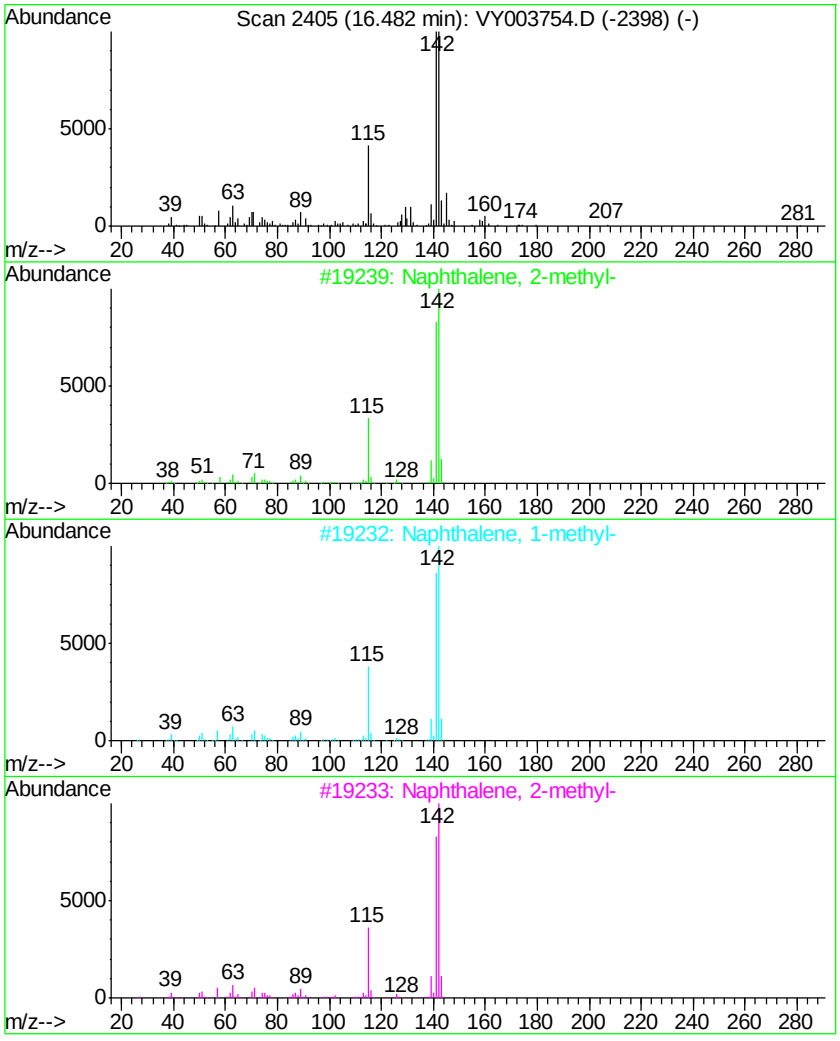
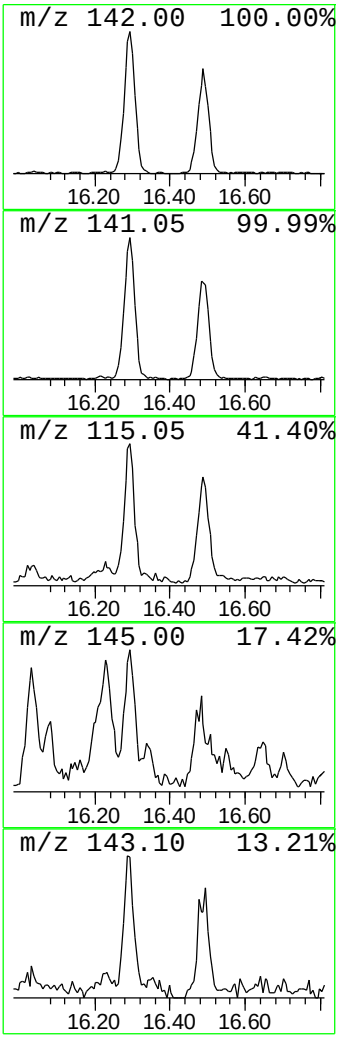
Peak Number 19 Benzocycloheptatriene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.62 ug/L	116291	1,4-Dichlorobenzene-d4	13.43

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	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003754.D
Acq On : 14 Dec 2020 17:40
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK63

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.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-et...	11.90	5.8	ug/L	242100	2	11.49	1045270	25.0
Naphthalene, 2,6-...	12.43	10.9	ug/L	457651	2	11.49	1045270	25.0
Naphthalene, 2,3-...	12.96	32.3	ug/L	1435300	3	13.43	1111330	25.0
Naphthalene, 2,7-...	13.11	18.4	ug/L	817099	3	13.43	1111330	25.0
Naphthalene, 1,8-...	14.03	3.0	ug/L	132984	3	13.43	1111330	25.0
Naphthalene, 2,3,...	14.88	2.6	ug/L	115122	3	13.43	1111330	25.0
unknown-02	14.95	1.4	ug/L	61360	3	13.43	1111330	25.0
unknown-03	15.06	1.4	ug/L	61224	3	13.43	1111330	25.0
1-Chloromethyl-4-...	15.31	2.0	ug/L	86620	3	13.43	1111330	25.0
Naphthalene, 1,6,...	15.43	1.8	ug/L	78576	3	13.43	1111330	25.0
Benzene, 2-etheny...	15.88	1.9	ug/L	84819	3	13.43	1111330	25.0
Naphthalene, 1-me...	16.29	2.1	ug/L	95195	3	13.43	1111330	25.0
Benzocycloheptatr...	16.48	2.6	ug/L	116291	3	13.43	1111330	25.0