LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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	2.113	46	48	50	rBV2	925	841	0.08%	0.011%
2	2.247	64	70	84	rVB	108860	175074	15.84%	2.386%
3	2.540	112	118	123	rBV7	2346	6557	0.59%	0.089%
4	2.765	147	155	169	rBV	76385	157841	14.28%	2.151%
5	3.186	222	224	227	rVB3	550	564	0.05%	0.008%
6	3.217	227	229	232	rVB2	599	507	0.05%	0.007%
7	3.247	232	234	237	rBB2	397	506	0.05%	0.007%
8	3.332	245	248	249	rVB2	556	395	0.04%	0.005%
9	3.454	265	268	269	rBV	449	438	0.04%	0.006%
10	3.521	276	279	282	rVV3	564	715	0.06%	0.010%
11	3.582	287	289	294	rVV3	439	448	0.04%	0.006%
12	3.649	296	300	302	rBV2	476	545	0.05%	0.007%
13	3.680	302	305	307	rVB3	484	487	0.04%	0.007%
14	3.723	309	312	314	rBV2	302	305	0.03%	0.004%
15	3.863	323	335	348	rBV	163221	437541	39.59%	5.962%
16	4.094	372	373	377	rVB3	469	485	0.04%	0.007%
17	4.216	385	393	400	rBV5	1397	4116	0.37%	0.056%
18	4.411	422	425	426	rBV	524	413	0.04%	0.006%
19	4.546	445	447	449	rVB	465	380	0.03%	0.005%
20	4.576	449	452	454	rBV2	321	339	0.03%	0.005%
21	4.729	466	477	488	rBV2	8429	24577	2.22%	0.335%
22	4.808	488	490	493	rVB3	338	302	0.03%	0.004%
23	4.924	507	509	510	rBV2	589	538	0.05%	0.007%
24	4.948	511	513	516	rBV4	591	699	0.06%	0.010%
25	5.064	530	532	535	rVB2	326	408	0.04%	0.006%
26	5.100	535	538	541	rBV	485	569	0.05%	0.008%
27	5.259	560	564	566	rBV2	236	304	0.03%	0.004%
28	5.356	574	580	583	rVB3	574	752	0.07%	0.010%
29	5.411	585	589	590	rVB2	379	368	0.03%	0.005%
30	5.765	636	647	655	rVB6	1365	4521	0.41%	0.062%
31	5.862	659	663	665	rBV3	191	354	0.03%	0.005%
32	6.106	701	703	705	rVB	459	301	0.03%	0.004%
33	6.137	705	708	710	rBV2	337	431	0.04%	0.006%
34	6.277	728	731	734	rVB3	230	312	0.03%	0.004%

LSC Area Percent Report

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Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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	6.320	736	738	743	rVB3	451	489	0.04%	0.007%
36	6.564	775	778	779	rBV2	281	341	0.03%	0.005%
37	6.704	798	801	804	rBV2	535	513	0.05%	0.007%
38	6.899	822	833	843	rBV	33806	100763	9.12%	1.373%
39	7.002	843	850	862	rVB2	6909	21552	1.95%	0.294%
40	7.216	883	885	888	rVB	655	357	0.03%	0.005%
41	7.362	907	909	912	rVB	662	736	0.07%	0.010%
42	7.405	912	916	918	rVB3	443	527	0.05%	0.007%
43	7.490	918	930	942	rBV	182707	450714	40.78%	6.141%
44	7.697	958	964	968	rVV5	1235	2540	0.23%	0.035%
45	7.777	975	977	979	rBV2	463	395	0.04%	0.005%
46	8.118	1023	1033	1048	rBV2	383849	1105303	100.00%	15.061%
47	8.222	1048	1050	1053	rVV2	354	482	0.04%	0.007%
48	8.252	1053	1055	1058	rVB	448	452	0.04%	0.006%
49	8.423	1081	1083	1086	rVB3	355	381	0.03%	0.005%
50	8.539	1101	1102	1105	rBV3	719	590	0.05%	0.008%
51	8.600	1110	1112	1117	rVB3	377	325	0.03%	0.004%
52	8.697	1117	1128	1137	rBV	328443	652984	59.08%	8.898%
53	8.929	1159	1166	1177	rVB3	10096	20350	1.84%	0.277%
54	9.124	1189	1198	1207	rBV	254142	506497	45.82%	6.902%
55	9.337	1230	1233	1236	rVB3	375	457	0.04%	0.006%
56	9.752	1298	1301	1305	rVB3	513	655	0.06%	0.009%
57	9.892	1317	1324	1335	rVB	141976	243558	22.04%	3.319%
58	10.069	1349	1353	1359	rVV3	1106	2027	0.18%	0.028%
59	10.179	1364	1371	1378	rVV	504955	869691	78.68%	11.850%
60	10.246	1378	1382	1389	rVB6	2527	5437	0.49%	0.074%
61	10.441	1407	1414	1426	rVB	86354	144825	13.10%	1.973%
62	10.581	1428	1437	1443	rBV	9756	17441	1.58%	0.238%
63	10.727	1456	1461	1464	rVB5	726	940	0.09%	0.013%
64	10.788	1464	1471	1481	rBV	140229	227011	20.54%	3.093%
65	10.855	1481	1482	1485	rVB	581	306	0.03%	0.004%
66	10.916	1489	1492	1493	rBV2	300	318	0.03%	0.004%
67	10.953	1493	1498	1508	rBV3	7992	18031	1.63%	0.246%
68	11.227	1541	1543	1545	rBV2	410	308	0.03%	0.004%
69	11.319	1554	1558	1563	rVB3	5279	9104	0.82%	0.124%
70	11.368	1563	1566	1570	rBV4	385	650	0.06%	0.009%
71	11.489	1578	1586	1596	rBV	412800	652446	59.03%	8.890%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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	11.593	1599	1603	1608	rVB4	1009	1948	0.18%	0.027%
73	11.660	1608	1614	1615	rBV2	1021	1450	0.13%	0.020%
74	11.703	1617	1621	1626	rVB5	1689	2902	0.26%	0.040%
75	11.825	1639	1641	1642	rBV2	824	763	0.07%	0.010%
76	11.935	1657	1659	1661	rBV3	1143	1210	0.11%	0.016%
77	12.032	1671	1675	1683	rVB6	2032	5101	0.46%	0.070%
78	12.093	1683	1685	1688	rVB2	373	350	0.03%	0.005%
79	12.191	1698	1701	1702	rBV2	565	621	0.06%	0.008%
80	12.306	1716	1720	1721	rBV2	773	766	0.07%	0.010%
81	12.489	1746	1750	1756	rVB	23520	38242	3.46%	0.521%
82	12.556	1756	1761	1769	rVB	156307	257583	23.30%	3.510%
83	12.617	1769	1771	1773	rBV3	867	898	0.08%	0.012%
84	12.727	1787	1789	1790	rBV	808	659	0.06%	0.009%
85	12.764	1793	1795	1798	rVV3	1029	833	0.08%	0.011%
86	12.812	1798	1803	1810	rVB6	2800	6090	0.55%	0.083%
87	12.965	1812	1828	1838	rBV6	18376	81622	7.38%	1.112%
88	13.184	1861	1864	1869	rVB2	5979	7522	0.68%	0.102%
89	13.251	1873	1875	1876	rBV2	784	539	0.05%	0.007%
90	13.264	1876	1877	1878	rBV	1176	818	0.07%	0.011%
91	13.422	1897	1903	1911	rBV	269611	410971	37.18%	5.600%
92	13.660	1939	1942	1944	rBV4	3630	5335	0.48%	0.073%
93	13.721	1946	1952	1960	rVB	261094	429418	38.85%	5.851%
94	13.879	1975	1978	1982	rBV6	3476	5792	0.52%	0.079%
95	13.965	1987	1992	1996	rBV3	9383	15899	1.44%	0.217%
96	14.050	1999	2006	2008	rBV6	4908	11013	1.00%	0.150%
97	14.251	2036	2039	2042	rBV4	8782	11924	1.08%	0.162%
98	14.422	2063	2067	2070	rBV4	18088	26749	2.42%	0.364%
99	14.849	2133	2137	2139	rBV3	30118	47866	4.33%	0.652%
100	15.117	2178	2181	2190	rVB5	43486	81551	7.38%	1.111%

Sum of corrected areas: 7338864

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Acq On : 14 Dec 2020 18:48
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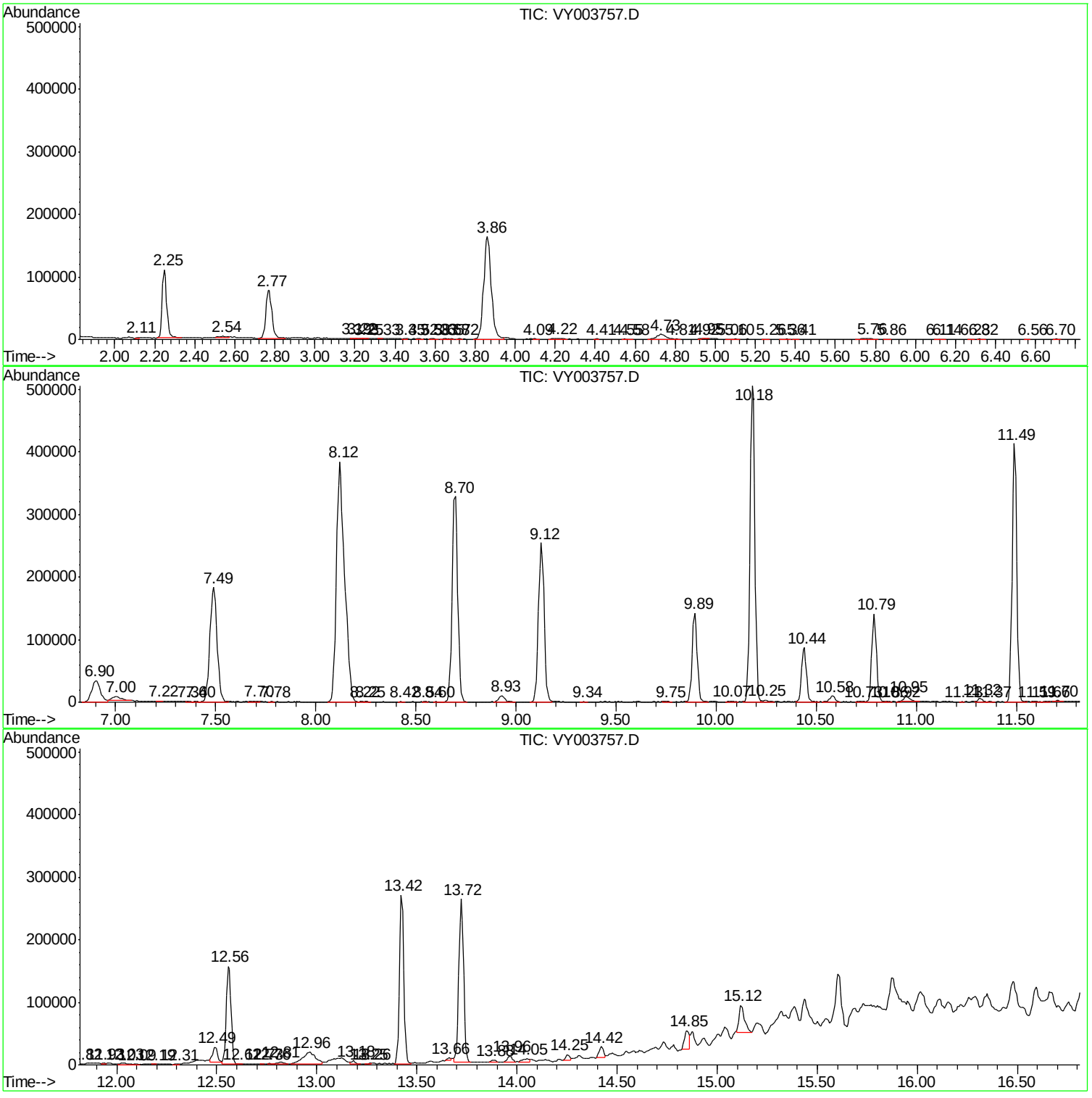
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
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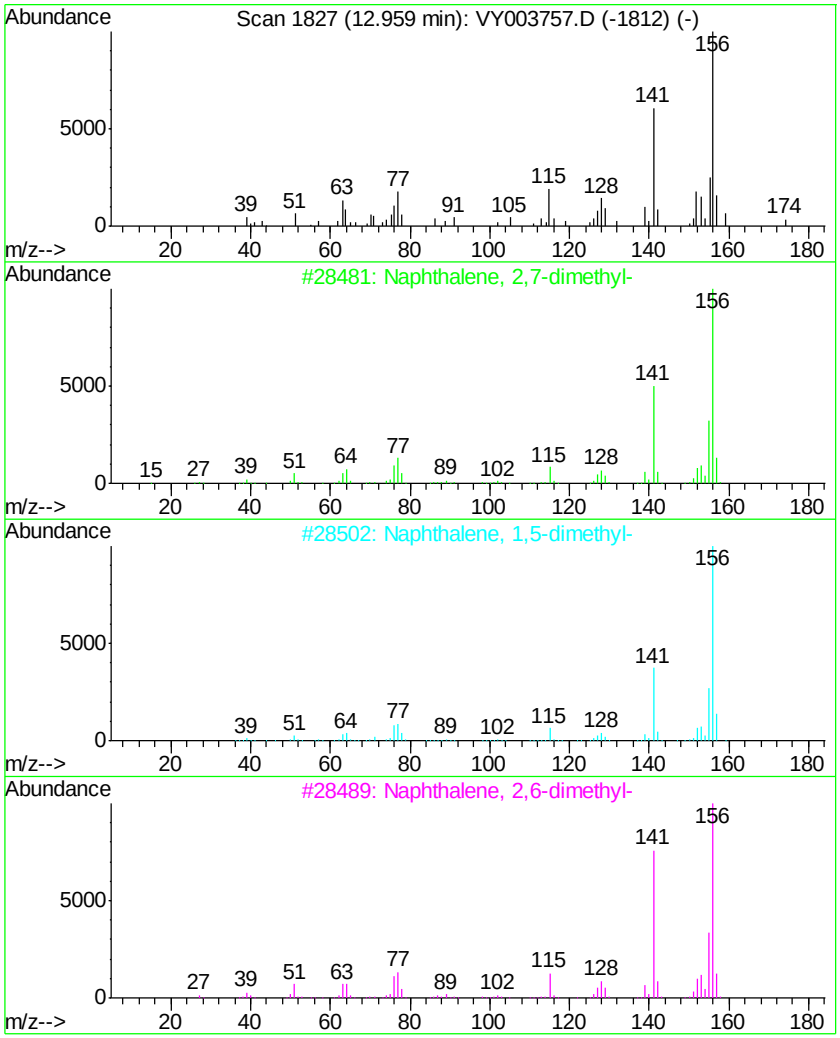
TIC Integration Parameters: LSCINT.P

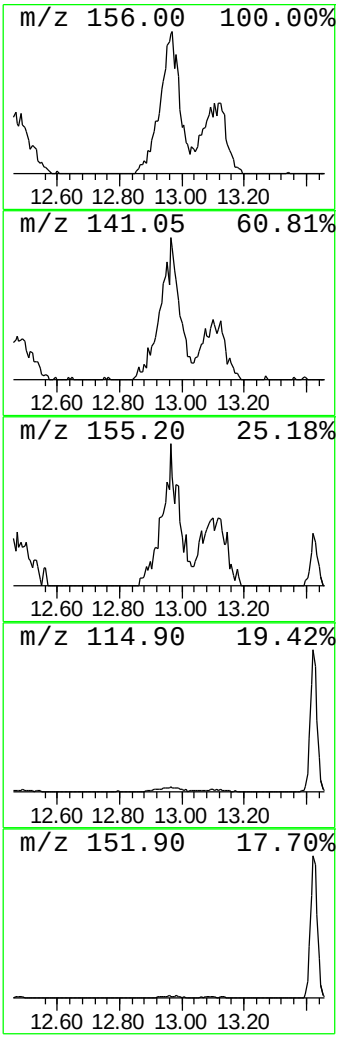
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.97 ug/L	81622	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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

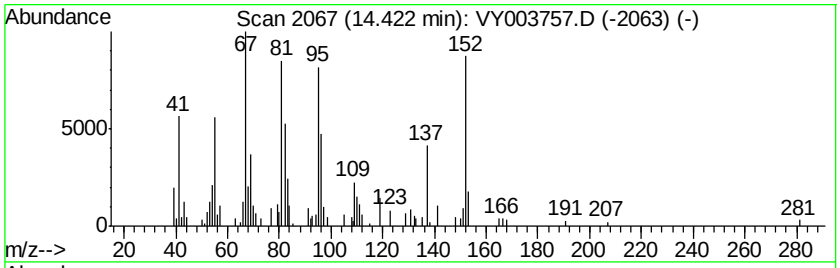
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

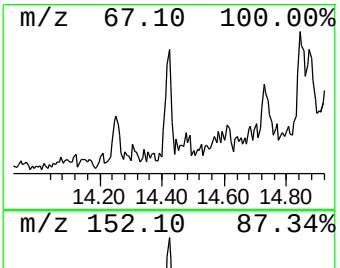
****

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	1.63 ug/L	26749	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	81
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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

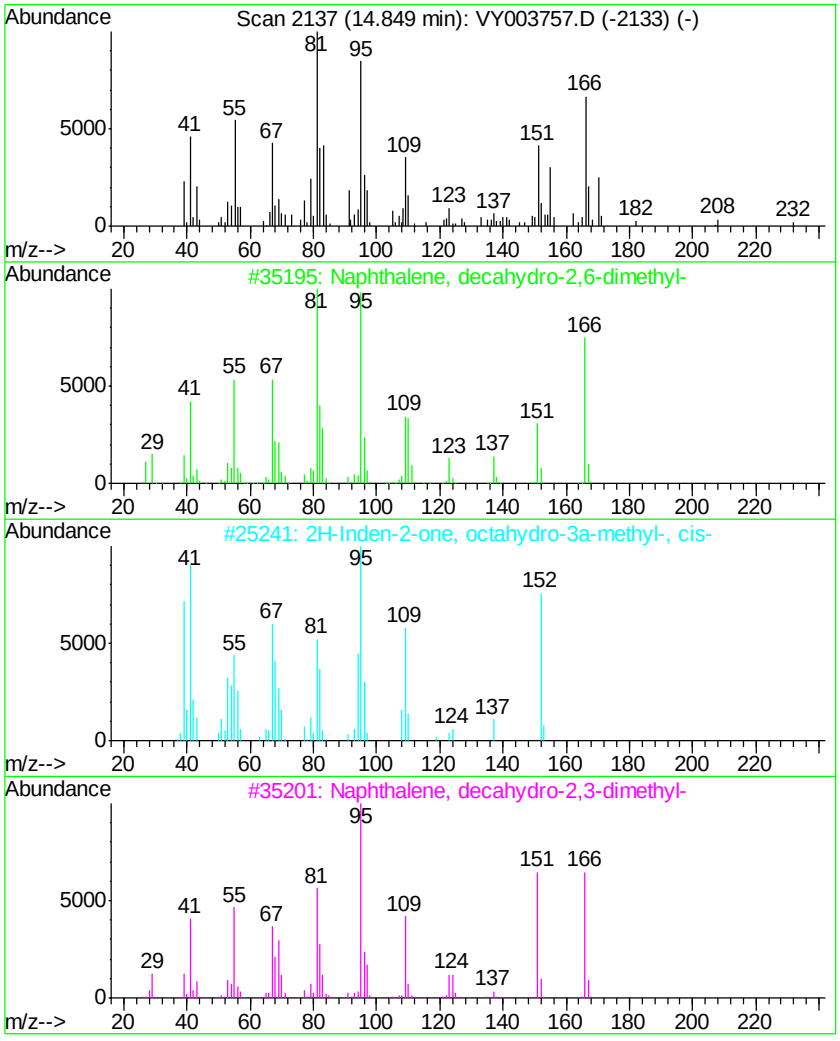
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

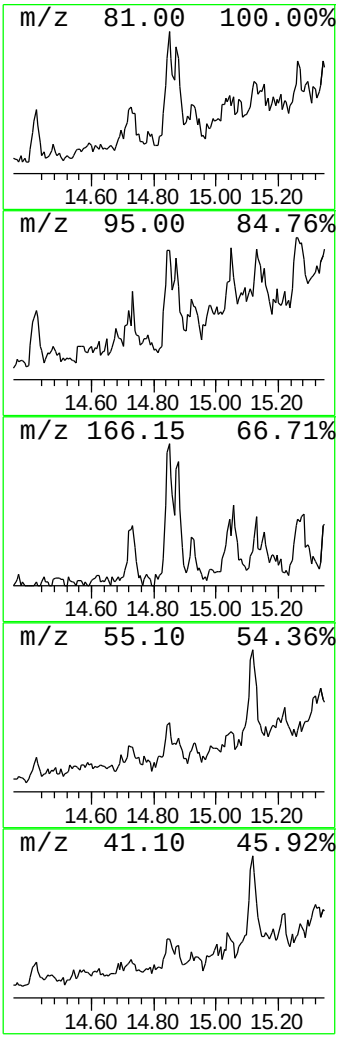
****

Peak Number 5 Naphthalene, decahydro-2,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.91 ug/L	47866	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	58
2	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	43
3	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	41
4	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	38
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	20





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Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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

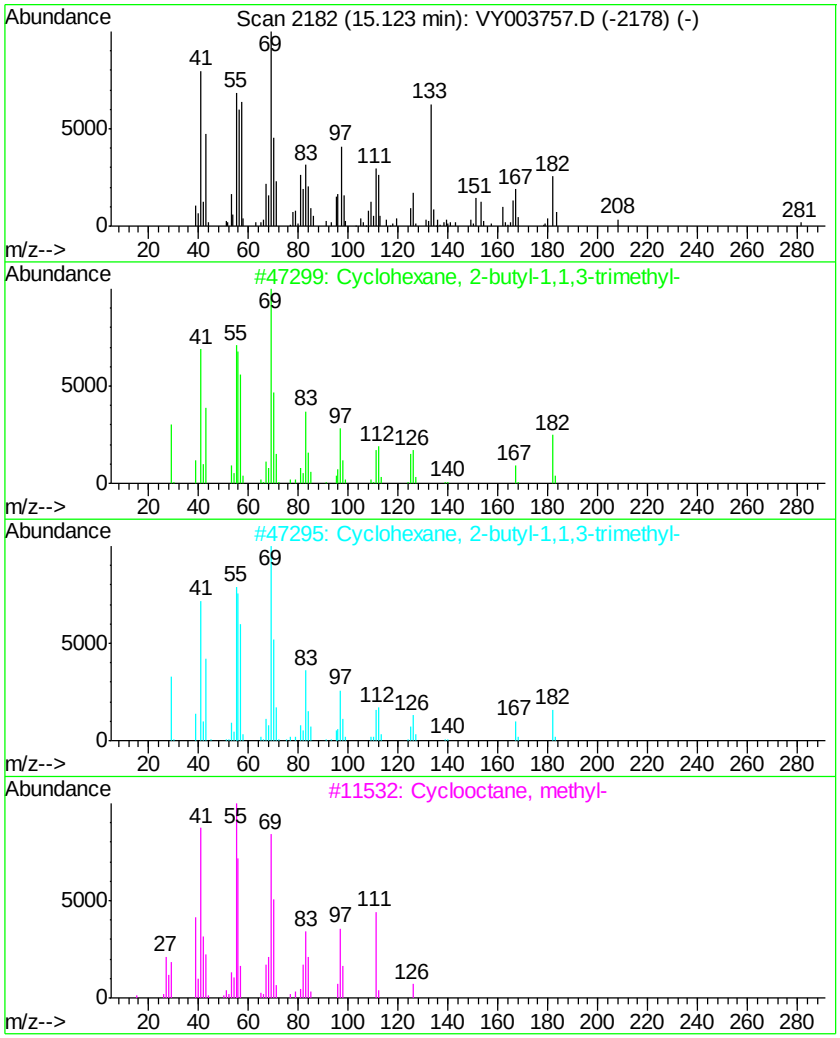
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

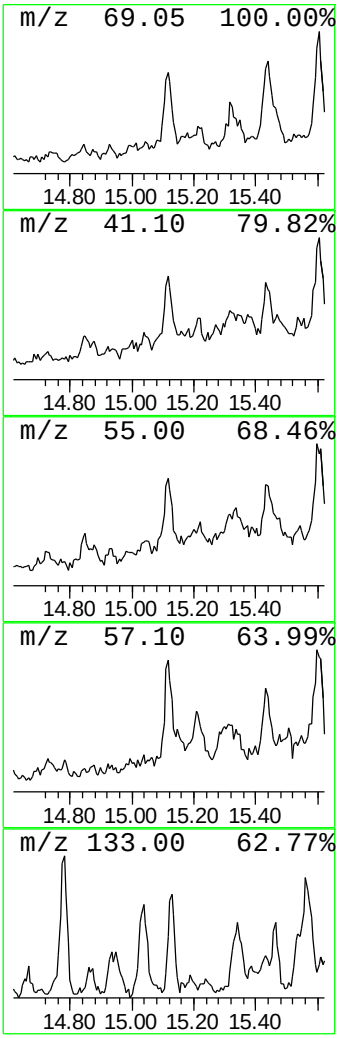
****

Peak Number 6 (DEL) Alkane: Cyclic15.12 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.96 ug/L	81551	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	76
4	6-Tridecene, (Z)-	182	C13H26	006508-77-6	72
5	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003757.D
Acq On : 14 Dec 2020 18:48
Operator : SY/MD
Sample : L5063-06RE
Misc : 4.28G/10ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD8RE

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, 2,7-...	12.96	5.0	ug/L	81622	3	13.42	410971	25.0
Naphthalene, deca...	14.42	1.6	ug/L	26749	3	13.42	410971	25.0
Naphthalene, deca...	14.85	2.9	ug/L	47866	3	13.42	410971	25.0
(DEL) Alkane: Cyc...	15.12	5.0	ug/L	81551	3	13.42	410971	25.0