LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
Data File : VW018147.D
Acq On : 15 Feb 2021 19:51
Operator : SY/VA
Sample : M1370-12RE
Misc : 5.84G/10ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBGY8RE

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\SOM2WLM012921S.M
Title : VOC Analysis

Signal : TIC: VW018147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	83	rVB	27915	48687	10.38%	1.363%
2	2.891	155	162	172	rBV	22112	51360	10.95%	1.438%
3	3.593	275	277	280	rVB	149	121	0.03%	0.003%
4	3.672	289	290	292	rVB	210	121	0.03%	0.003%
5	3.708	292	296	298	rBV2	222	272	0.06%	0.008%
6	4.013	336	346	358	rVV	55185	146655	31.27%	4.107%
7	4.227	380	381	385	rVB	180	136	0.03%	0.004%
8	4.269	387	388	390	rBV	162	120	0.03%	0.003%
9	4.452	417	418	421	rVB2	116	101	0.02%	0.003%
10	4.483	421	423	424	rBV	112	99	0.02%	0.003%
11	4.659	451	452	455	rVB	134	106	0.02%	0.003%
12	4.915	485	494	505	rVB2	7942	23638	5.04%	0.662%
13	5.129	528	529	533	rVB2	123	84	0.02%	0.002%
14	5.293	555	556	558	rVB	218	107	0.02%	0.003%
15	5.318	558	560	561	rBV2	149	120	0.03%	0.003%
16	5.482	584	587	589	rBV2	187	241	0.05%	0.007%
17	5.568	598	601	604	rBV2	220	288	0.06%	0.008%
18	5.598	604	606	609	rVV	151	164	0.03%	0.005%
19	5.629	609	611	615	rVV2	125	205	0.04%	0.006%
20	5.775	633	635	637	rBV2	102	86	0.02%	0.002%
21	5.934	657	661	662	rBV2	954	1035	0.22%	0.029%
22	6.062	680	682	684	rBV	127	102	0.02%	0.003%
23	6.269	714	716	718	rVB2	121	87	0.02%	0.002%
24	6.305	718	722	723	rBV2	169	174	0.04%	0.005%
25	6.348	727	729	730	rBV	103	82	0.02%	0.002%
26	6.525	756	758	759	rBV2	138	122	0.03%	0.003%
27	6.616	772	773	779	rVB	232	193	0.04%	0.005%
28	6.659	779	780	784	rBV2	88	114	0.02%	0.003%
29	6.872	813	815	817	rBV	138	102	0.02%	0.003%
30	6.982	832	833	837	rVB	140	119	0.03%	0.003%
31	7.080	841	849	866	rVV2	8127	26739	5.70%	0.749%
32	7.250	876	877	880	rBV2	172	114	0.02%	0.003%
33	7.397	899	901	904	rVB2	145	101	0.02%	0.003%
34	7.537	922	924	926	rVB2	298	185	0.04%	0.005%
35	7.647	931	942	952	rBV	80343	196912	41.99%	5.514%
36	7.775	961	963	965	rVB	177	133	0.03%	0.004%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Title : VOC Analysis

37	7.799	965	967	969	rBV2	108	119	0.03%	0.003%
38	7.854	974	976	977	rVB	189	100	0.02%	0.003%
39	8.128	1019	1021	1022	rVB2	133	81	0.02%	0.002%
40	8.275	1036	1045	1063	rVV2	151532	438702	93.55%	12.286%
41	8.421	1067	1069	1071	rVB	145	89	0.02%	0.002%
42	8.512	1083	1084	1086	rBV	138	117	0.02%	0.003%
43	8.689	1110	1113	1115	rVV2	191	205	0.04%	0.006%
44	8.842	1129	1138	1153	rBV	191214	376286	80.24%	10.538%
45	9.012	1162	1166	1167	rBV2	113	129	0.03%	0.004%
46	9.116	1180	1183	1186	rBV2	111	152	0.03%	0.004%
47	9.274	1200	1209	1222	rVB	99793	201705	43.01%	5.649%
48	9.421	1231	1233	1235	rVV2	150	102	0.02%	0.003%
49	9.457	1238	1239	1240	rBV	132	87	0.02%	0.002%
50	9.494	1243	1245	1246	rBV	183	108	0.02%	0.003%
51	9.616	1264	1265	1267	rVB	188	128	0.03%	0.004%
52	9.640	1267	1269	1272	rBV2	175	173	0.04%	0.005%
53	9.671	1272	1274	1275	rBV	204	109	0.02%	0.003%
54	9.762	1287	1289	1291	rVB	228	126	0.03%	0.004%
55	9.823	1297	1299	1301	rBV2	148	129	0.03%	0.004%
56	9.878	1305	1308	1310	rBV	126	158	0.03%	0.004%
57	9.921	1314	1315	1318	rVV2	83	94	0.02%	0.003%
58	10.037	1326	1334	1349	rVV	47133	85348	18.20%	2.390%
59	10.146	1349	1352	1356	rVB2	140	196	0.04%	0.005%
60	10.323	1373	1381	1389	rBV	198690	352187	75.10%	9.863%
61	10.482	1405	1407	1409	rVV2	110	103	0.02%	0.003%
62	10.579	1416	1423	1433	rVB2	28969	48347	10.31%	1.354%
63	10.701	1439	1443	1450	rVB	1464	2040	0.44%	0.057%
64	10.927	1474	1480	1490	rBV	35209	64428	13.74%	1.804%
65	11.140	1511	1515	1516	rBV2	72	98	0.02%	0.003%
66	11.213	1523	1527	1528	rVB2	301	256	0.05%	0.007%
67	11.225	1528	1529	1531	rBV	135	109	0.02%	0.003%
68	11.280	1534	1538	1539	rBV2	216	285	0.06%	0.008%
69	11.329	1539	1546	1547	rBV4	972	1486	0.32%	0.042%
70	11.628	1588	1595	1606	rBV	219057	377187	80.43%	10.563%
71	11.798	1621	1623	1624	rBV	146	102	0.02%	0.003%
72	11.835	1627	1629	1631	rBV2	341	283	0.06%	0.008%
73	11.908	1639	1641	1642	rBV	211	158	0.03%	0.004%
74	12.164	1652	1683	1708	rBV5	66617	468952	100.00%	13.133%
75	12.353	1712	1714	1715	rBV	283	196	0.04%	0.005%
76	12.408	1721	1723	1725	rBV2	203	137	0.03%	0.004%

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBGY8RE

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
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Title : VOC Analysis

77	12.457	1728	1731	1732	rVV3	163	178	0.04%	0.005%
78	12.506	1736	1739	1740	rBV2	110	105	0.02%	0.003%
79	12.603	1750	1755	1763	rBV3	2656	4494	0.96%	0.126%
80	12.695	1763	1770	1779	rVB	71531	120716	25.74%	3.381%
81	12.804	1786	1788	1792	rBV2	261	225	0.05%	0.006%
82	12.865	1795	1798	1799	rBV2	157	166	0.04%	0.005%
83	12.920	1799	1807	1821	rVB2	19324	32420	6.91%	0.908%
84	13.042	1821	1827	1831	rBV3	1600	2671	0.57%	0.075%
85	13.091	1831	1835	1841	rVB4	420	872	0.19%	0.024%
86	13.158	1843	1846	1848	rVB2	181	192	0.04%	0.005%
87	13.201	1848	1853	1856	rBV4	628	1019	0.22%	0.029%
88	13.249	1856	1861	1865	rBV3	715	1305	0.28%	0.037%
89	13.298	1865	1869	1875	rVB6	533	920	0.20%	0.026%
90	13.365	1877	1880	1881	rBV2	205	252	0.05%	0.007%
91	13.505	1896	1903	1904	rBV6	1025	2038	0.43%	0.057%
92	13.554	1905	1911	1920	rVB	160043	258658	55.16%	7.244%
93	13.749	1941	1943	1944	rBV	498	335	0.07%	0.009%
94	13.853	1953	1960	1966	rBV	123226	204024	43.51%	5.714%
95	14.188	2011	2015	2025	rBV6	3575	8289	1.77%	0.232%
96	14.658	2090	2092	2093	rBV2	360	234	0.05%	0.007%
97	15.359	2205	2207	2208	rBV2	473	287	0.06%	0.008%
98	15.487	2224	2228	2235	rVB	2905	4806	1.02%	0.135%
99	15.792	2273	2278	2285	rBV6	1947	4033	0.86%	0.113%
100	15.950	2300	2304	2309	rBV5	1320	2816	0.60%	0.079%

Sum of corrected areas: 3570877

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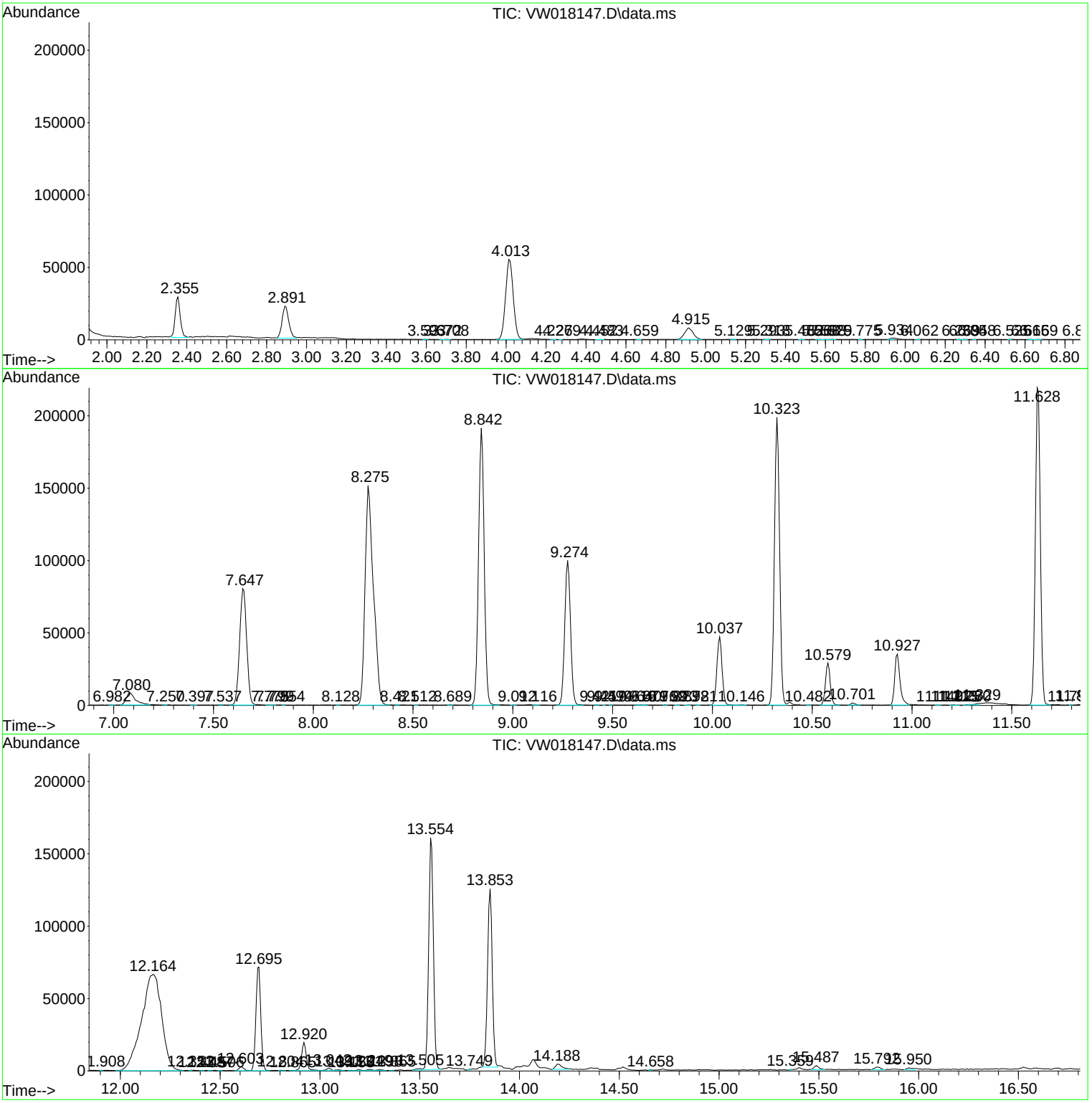
Instrument :
MSVOA_W
ClientSampleId :
DBGY8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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



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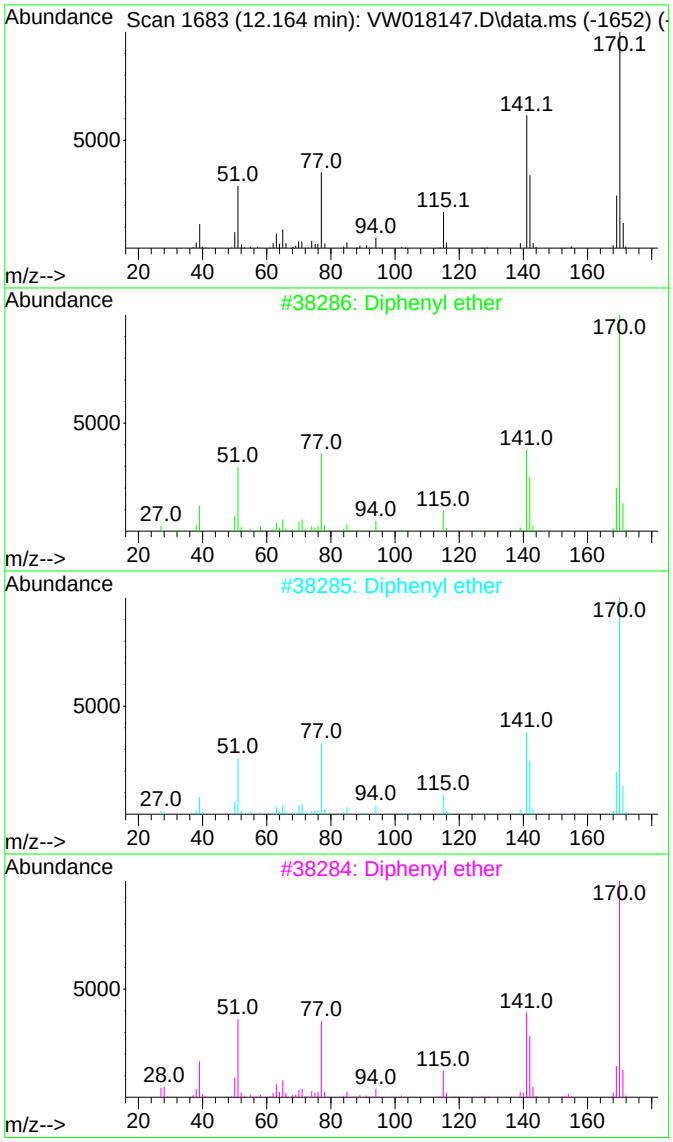
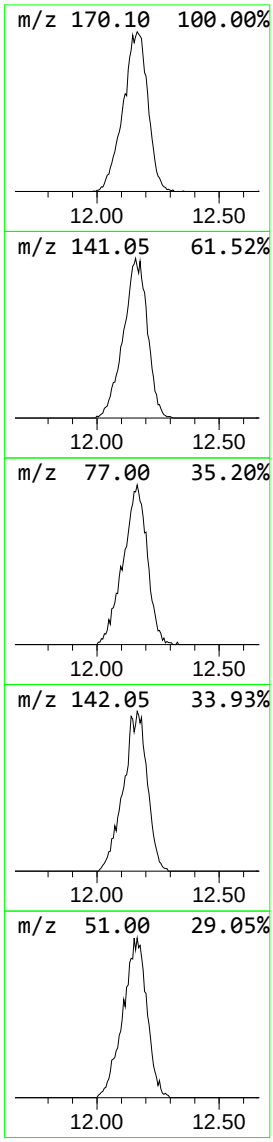
****

Peak Number 2 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.164	31.08 ug/L	468952	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	96
2	Diphenyl ether	170	C12H10O	000101-84-8	94
3	Diphenyl ether	170	C12H10O	000101-84-8	91
4	Diphenyl ether	170	C12H10O	000101-84-8	78
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	50





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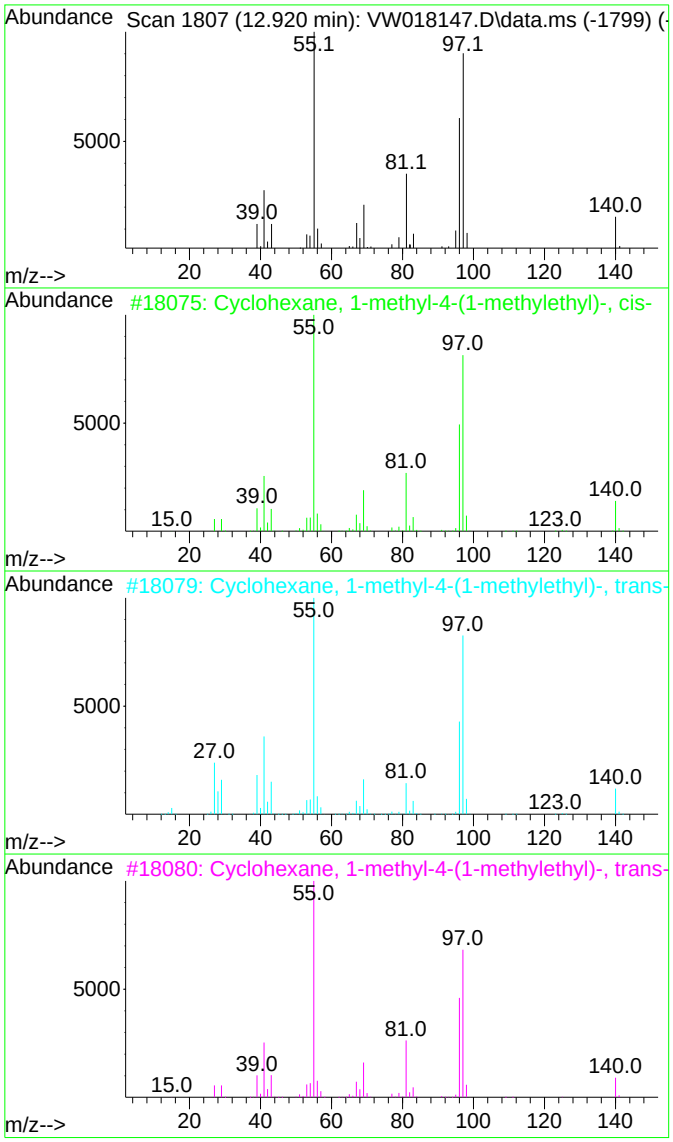
Quant Title : VOC Analysis

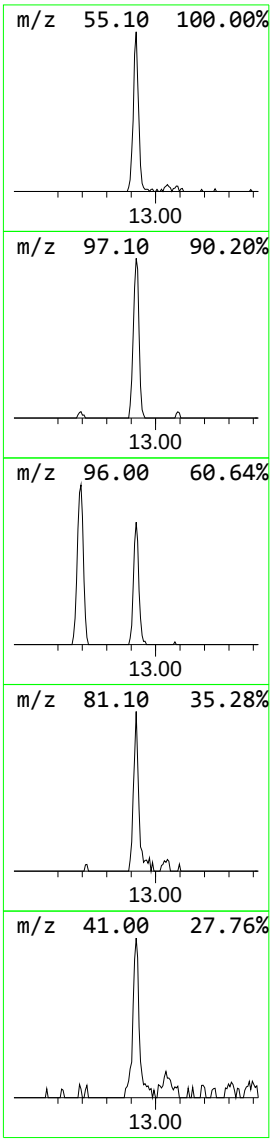
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic12.920 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	3.13 ug/L	32420	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	91
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	91
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diphenyl ether	12.164	31.1	ug/L	468952	2	11.634	377187	25.0
(DEL) Alkane: C...	12.920	3.1	ug/L	32420	3	13.554	258658	25.0