LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027051.D
Acq On : 12 Sep 2023 00:01
Operator : SY/MD
Sample : 04387-14
Misc : 3.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AH1

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\SFAMWLM090523SMA.M
Title : SFAM01.0

Signal : TIC: VW027051.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.710	297	299	300	rBV2	1956	1140	0.06%	0.010%
2	3.948	335	338	340	rBV4	1445	2072	0.11%	0.019%
3	4.027	340	351	362	rBV2	115950	411892	21.91%	3.695%
4	4.381	405	409	410	rBV3	5681	7323	0.39%	0.066%
5	4.502	425	429	432	rBV6	2722	3715	0.20%	0.033%
6	4.576	439	441	442	rBV2	2497	2303	0.12%	0.021%
7	4.734	465	467	470	rBV4	1540	1326	0.07%	0.012%
8	4.826	478	482	483	rBV4	1389	1085	0.06%	0.010%
9	4.917	488	497	512	rBV4	20551	92428	4.92%	0.829%
10	5.246	549	551	553	rBV2	1468	1599	0.09%	0.014%
11	5.453	583	585	586	rVB2	2075	1464	0.08%	0.013%
12	5.722	627	629	631	rBV3	1142	1344	0.07%	0.012%
13	5.947	659	666	674	rVB7	10266	30097	1.60%	0.270%
14	6.008	674	676	679	rVB4	1923	1717	0.09%	0.015%
15	6.057	682	684	685	rBV2	1378	1110	0.06%	0.010%
16	6.118	691	694	697	rBV5	1502	2768	0.15%	0.025%
17	6.173	702	703	707	rVB4	2034	1457	0.08%	0.013%
18	6.216	707	710	713	rBV4	1246	1786	0.09%	0.016%
19	6.356	731	733	737	rVB5	2085	2664	0.14%	0.024%
20	6.392	737	739	740	rBV2	1923	1514	0.08%	0.014%
21	6.429	744	745	748	rVB3	2231	1753	0.09%	0.016%
22	6.453	748	749	751	rVB2	1384	937	0.05%	0.008%
23	6.478	751	753	755	rBV3	1777	1859	0.10%	0.017%
24	6.533	760	762	763	rVB2	1813	905	0.05%	0.008%
25	6.551	763	765	768	rBV4	1235	1058	0.06%	0.009%
26	6.606	771	774	775	rBV3	1015	1074	0.06%	0.010%
27	6.630	776	778	781	rBV4	1370	1378	0.07%	0.012%
28	6.709	789	791	796	rVB6	2293	2478	0.13%	0.022%
29	6.746	796	797	802	rVB5	1467	1755	0.09%	0.016%
30	6.789	802	804	806	rBV3	1416	1336	0.07%	0.012%
31	6.813	806	808	811	rBV4	1307	1022	0.05%	0.009%
32	6.898	820	822	825	rBV4	2145	2453	0.13%	0.022%
33	7.136	842	861	876	rBV2	131726	464464	24.70%	4.166%
34	7.349	895	896	897	rBV	2002	904	0.05%	0.008%
35	7.423	906	908	911	rBV4	2037	2219	0.12%	0.020%
36	7.648	936	945	960	rVB	353606	857519	45.61%	7.692%

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ClientSampleId :
C0AH1

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\SFAMWLM090523SMA.M
Title : SFAM01.0

37	7.874	980	982	984	rBV3	1282	1399	0.07%	0.013%
38	7.984	998	1000	1004	rBV5	2118	2105	0.11%	0.019%
39	8.038	1008	1009	1012	rVB3	1606	1215	0.06%	0.011%
40	8.099	1018	1019	1022	rBV3	1686	1376	0.07%	0.012%
41	8.160	1028	1029	1031	rBV2	1295	995	0.05%	0.009%
42	8.197	1033	1035	1036	rBV2	1316	925	0.05%	0.008%
43	8.276	1036	1048	1062	rBV2	609003	1880177	100.00%	16.865%
44	8.611	1101	1103	1105	rVB3	1538	1206	0.06%	0.011%
45	8.691	1112	1116	1117	rBV4	2913	3632	0.19%	0.033%
46	8.770	1127	1129	1130	rBV2	1347	995	0.05%	0.009%
47	8.843	1133	1141	1156	rVV	738928	1442696	76.73%	12.941%
48	9.081	1175	1180	1185	rVB8	3425	7270	0.39%	0.065%
49	9.160	1191	1193	1195	rBV3	1857	2011	0.11%	0.018%
50	9.276	1204	1212	1221	rBV	457282	914854	48.66%	8.206%
51	9.434	1236	1238	1242	rBV5	1638	1730	0.09%	0.016%
52	9.660	1270	1275	1276	rBV5	3889	5051	0.27%	0.045%
53	9.727	1284	1286	1287	rBV2	2441	2378	0.13%	0.021%
54	9.825	1298	1302	1304	rVB5	1684	1720	0.09%	0.015%
55	9.922	1317	1318	1320	rBV2	1501	1164	0.06%	0.010%
56	10.032	1331	1336	1348	rVB	60817	110902	5.90%	0.995%
57	10.325	1376	1384	1392	rBV	651198	1145220	60.91%	10.272%
58	10.575	1420	1425	1436	rVB2	41685	76889	4.09%	0.690%
59	10.703	1441	1446	1451	rVB	31310	58071	3.09%	0.521%
60	10.843	1465	1469	1477	rVB9	4598	9394	0.50%	0.084%
61	10.928	1477	1483	1494	rBV	16998	32786	1.74%	0.294%
62	11.020	1496	1498	1500	rBV3	1451	1329	0.07%	0.012%
63	11.062	1500	1505	1510	rBV3	14106	25497	1.36%	0.229%
64	11.178	1520	1524	1529	rVB6	6208	10659	0.57%	0.096%
65	11.276	1537	1540	1542	rBV4	1813	1638	0.09%	0.015%
66	11.440	1557	1567	1577	rVB2	11085	29677	1.58%	0.266%
67	11.538	1581	1583	1587	rVB5	1484	1267	0.07%	0.011%
68	11.629	1591	1598	1612	rBV	810103	1365140	72.61%	12.245%
69	12.062	1668	1669	1672	rVB3	1196	1166	0.06%	0.010%
70	12.093	1672	1674	1676	rBV3	1344	1543	0.08%	0.014%
71	12.154	1683	1684	1685	rBV	1709	904	0.05%	0.008%
72	12.184	1687	1689	1695	rVB7	2161	2613	0.14%	0.023%
73	12.233	1695	1697	1699	rBV3	1290	1245	0.07%	0.011%
74	12.300	1707	1708	1713	rVB5	2420	2914	0.15%	0.026%
75	12.336	1713	1714	1716	rBV2	2153	1194	0.06%	0.011%
76	12.367	1716	1719	1724	rBV7	1908	3162	0.17%	0.028%

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Title : SFAM01.0

77	12.403	1724	1725	1727	rVB2	1831	957	0.05%	0.009%
78	12.471	1727	1736	1740	rBV7	7558	15966	0.85%	0.143%
79	12.531	1743	1746	1749	rVB5	1387	1725	0.09%	0.015%
80	12.605	1749	1758	1763	rBV	38687	72840	3.87%	0.653%
81	12.690	1765	1772	1782	rBV	318870	513464	27.31%	4.606%
82	12.934	1804	1812	1815	rBV7	4540	9903	0.53%	0.089%
83	13.038	1823	1829	1832	rBV7	3799	7826	0.42%	0.070%
84	13.074	1832	1835	1836	rBV3	2222	2768	0.15%	0.025%
85	13.159	1847	1849	1850	rBV2	1492	999	0.05%	0.009%
86	13.287	1867	1870	1876	rVB7	4219	5782	0.31%	0.052%
87	13.336	1876	1878	1882	rVB5	3541	3075	0.16%	0.028%
88	13.385	1882	1886	1887	rBV4	1357	1720	0.09%	0.015%
89	13.409	1887	1890	1895	rBV5	7286	11841	0.63%	0.106%
90	13.556	1908	1914	1922	rBV2	458084	749651	39.87%	6.724%
91	13.848	1956	1962	1969	rBV	334617	548048	29.15%	4.916%
92	14.665	2093	2096	2097	rBV2	2362	2831	0.15%	0.025%
93	15.062	2156	2161	2170	rVB5	23603	49944	2.66%	0.448%
94	15.287	2196	2198	2201	rBV4	2737	3664	0.19%	0.033%
95	15.427	2214	2221	2228	rBV2	34466	63170	3.36%	0.567%
96	15.665	2258	2260	2261	rBV2	3384	2652	0.14%	0.024%
97	16.171	2340	2343	2348	rBV7	2283	3603	0.19%	0.032%
98	16.208	2348	2349	2353	rVV4	2108	2217	0.12%	0.020%
99	16.360	2373	2374	2376	rBV2	2147	1562	0.08%	0.014%
100	16.561	2405	2407	2410	rVB4	2417	2262	0.12%	0.020%

Sum of corrected areas: 11148497

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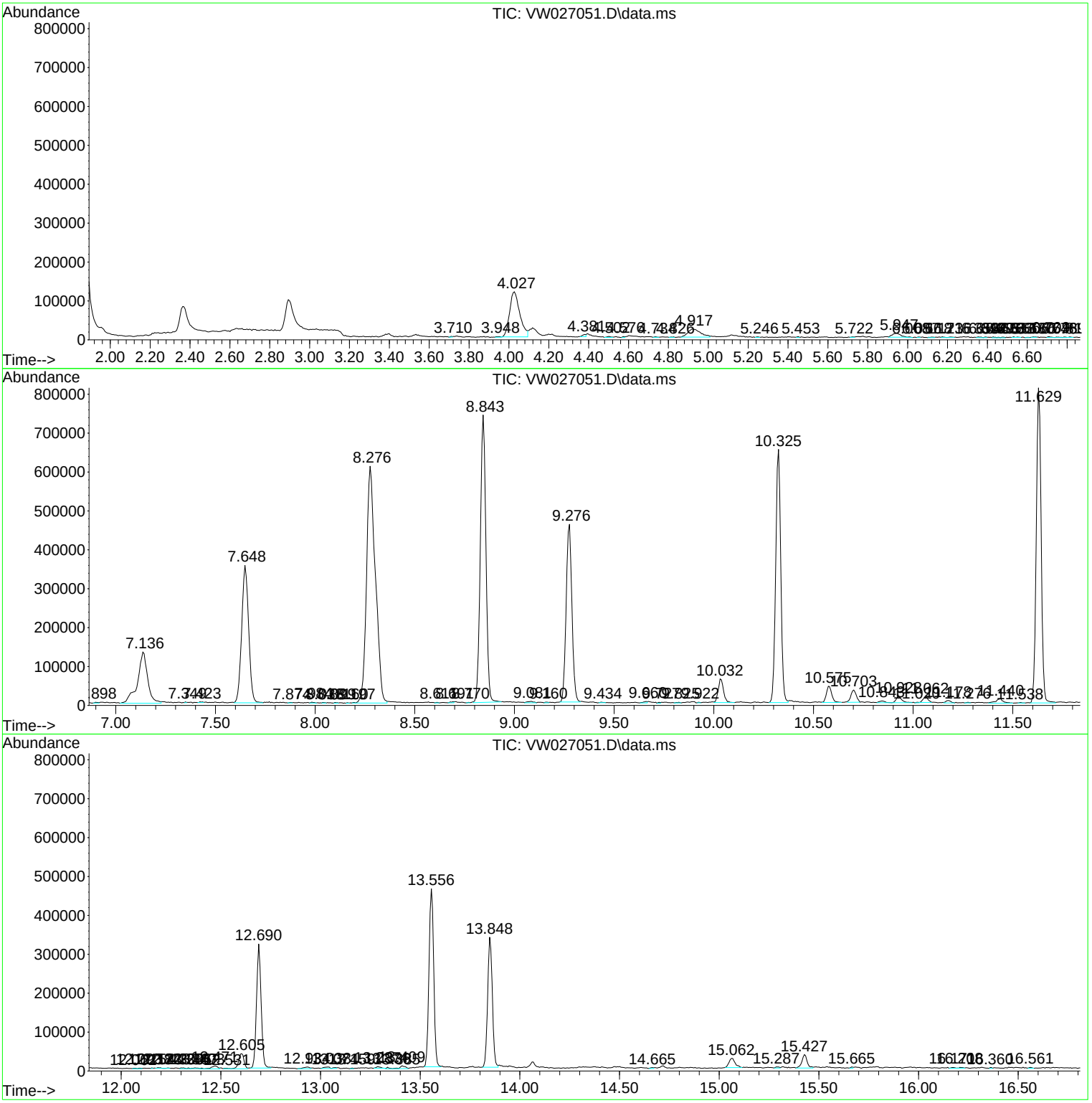
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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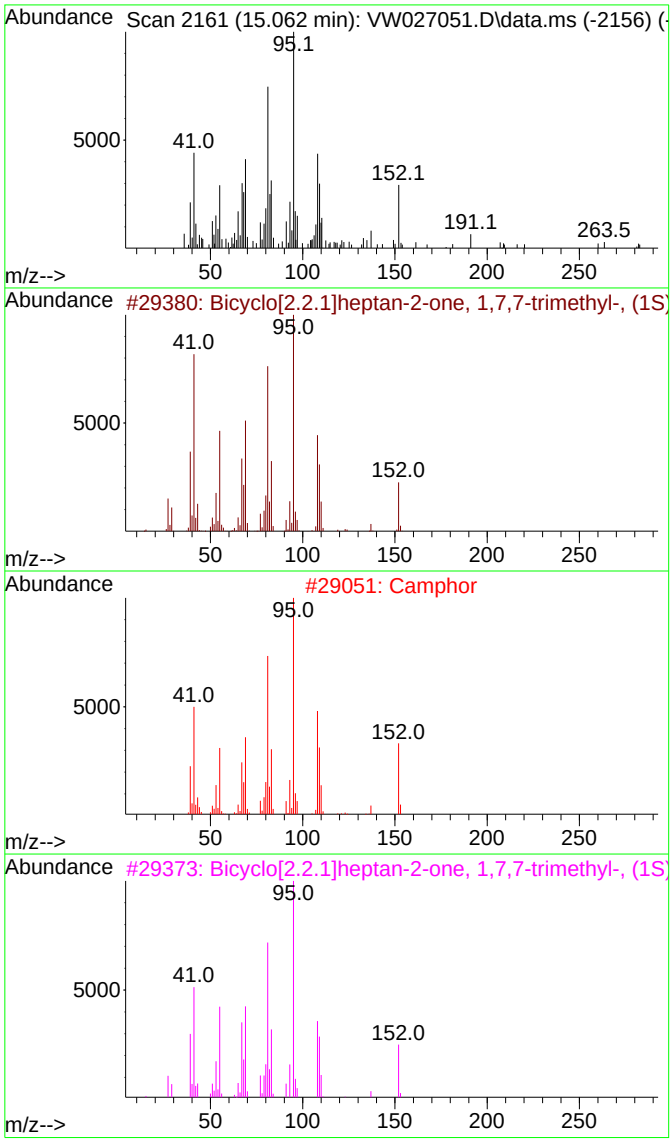
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

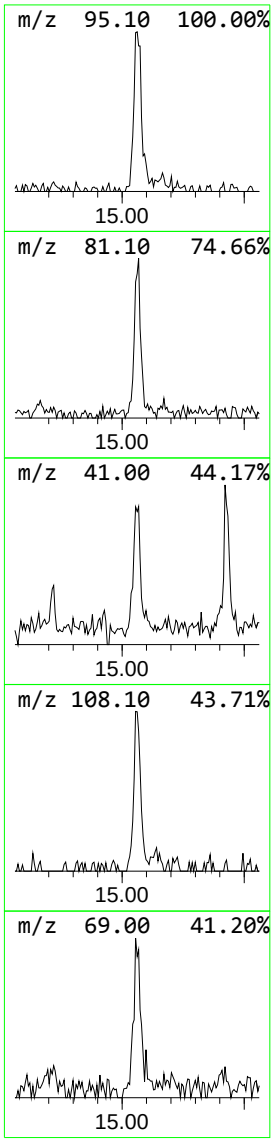
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	1.67 ug/L	49944	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
2	Camphor	152	C10H16O	000076-22-2	93
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	87
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	87
5	Camphor	152	C10H16O	000076-22-2	87





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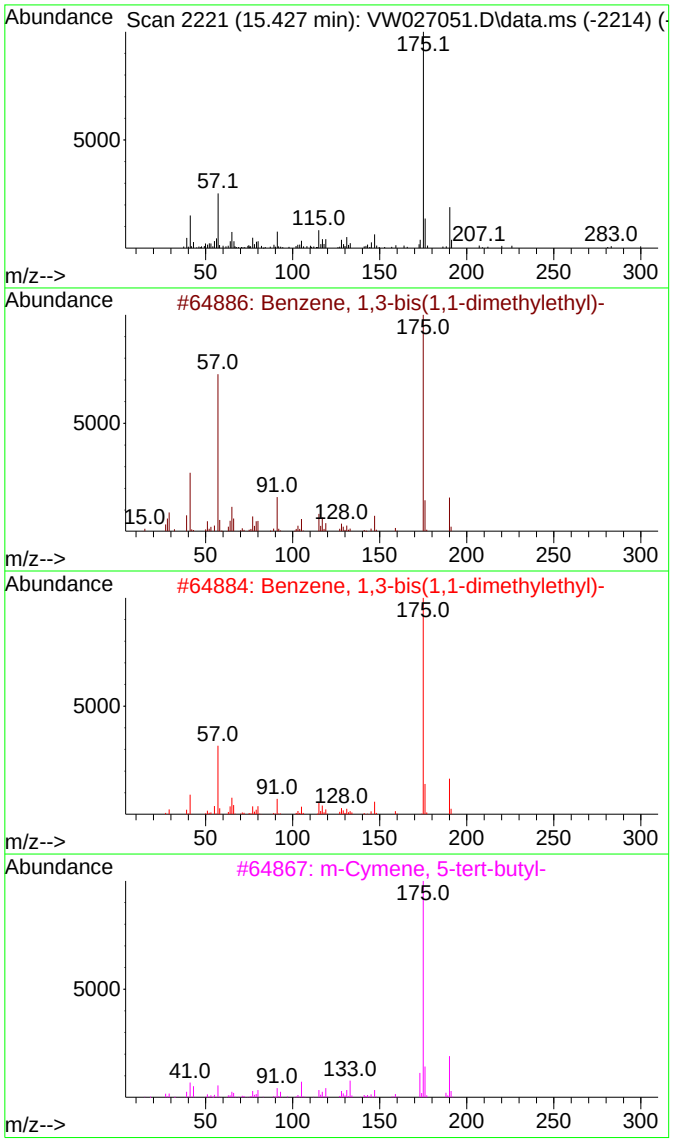
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

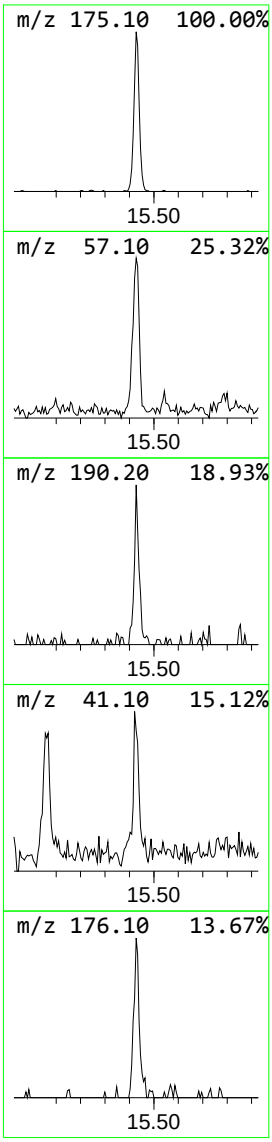
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	2.11 ug/L	63170	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	83
4	Precocene I	190	C12H14O2	017598-02-6	83
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	83





Tentatively Identified Compound (LSC) summary

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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[2.2.1]h...	15.062	1.7	ug/L	49944	3	13.556	749651	25.0
Benzene, 1,3-bi...	15.427	2.1	ug/L	63170	3	13.556	749651	25.0