LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121323\
Data File : VW027596.D
Acq On : 13 Dec 2023 15:52
Operator : SY/MD
Sample : 05750-05
Misc : 5.01g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK001

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\SFAMWLM120623SMA.M
Title : SFAM01.0

Signal : TIC: VW027596.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.186	44	49	57	rBV	14609	28449	3.36%	0.462%
2	2.363	73	78	90	rVB	65019	136624	16.14%	2.221%
3	2.558	108	110	114	rBV5	1704	1943	0.23%	0.032%
4	2.899	160	166	178	rVB	44132	113025	13.35%	1.837%
5	3.369	240	243	244	rBV3	1179	1550	0.18%	0.025%
6	3.478	260	261	265	rBV4	1461	1543	0.18%	0.025%
7	3.637	283	287	290	rBV5	1393	2022	0.24%	0.033%
8	3.759	303	307	308	rBV4	1214	1473	0.17%	0.024%
9	4.027	341	351	362	rBV	121298	324616	38.35%	5.277%
10	4.118	364	366	368	rBV3	2000	1921	0.23%	0.031%
11	4.210	378	381	382	rBV3	1837	1561	0.18%	0.025%
12	4.381	403	409	410	rBV4	2405	4329	0.51%	0.070%
13	4.685	456	459	461	rVB3	2048	2198	0.26%	0.036%
14	4.716	461	464	466	rBV3	1806	2347	0.28%	0.038%
15	4.917	489	497	498	rBV4	8417	14509	1.71%	0.236%
16	5.002	510	511	514	rBV3	1523	1626	0.19%	0.026%
17	5.326	560	564	565	rBV4	1767	2208	0.26%	0.036%
18	5.496	589	592	594	rBV4	1221	1733	0.20%	0.028%
19	5.551	599	601	603	rBV3	1614	1855	0.22%	0.030%
20	5.710	622	627	630	rBV7	1515	2325	0.27%	0.038%
21	5.862	650	652	655	rVB4	1430	1584	0.19%	0.026%
22	5.953	659	667	674	rVB4	8030	23705	2.80%	0.385%
23	6.301	722	724	727	rBV4	1548	1481	0.17%	0.024%
24	6.338	727	730	731	rVV3	1377	1505	0.18%	0.024%
25	6.459	748	750	753	rVB4	1295	1556	0.18%	0.025%
26	6.587	767	771	772	rBV4	1430	1990	0.24%	0.032%
27	6.716	790	792	796	rBV5	1099	1867	0.22%	0.030%
28	6.941	826	829	832	rBV5	1300	1423	0.17%	0.023%
29	7.081	844	852	855	rBV	20676	49850	5.89%	0.810%
30	7.228	874	876	877	rBV2	1685	1432	0.17%	0.023%
31	7.398	902	904	908	rBV5	1697	2197	0.26%	0.036%
32	7.648	936	945	955	rVV	133692	335822	39.67%	5.459%
33	7.843	974	977	979	rBV4	1430	1492	0.18%	0.024%
34	7.996	1000	1002	1006	rVB4	1625	2099	0.25%	0.034%
35	8.069	1012	1014	1017	rBV4	1226	1671	0.20%	0.027%
36	8.197	1031	1035	1037	rBV5	1050	1480	0.17%	0.024%

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VHBLK001

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Title : SFAM01.0

37	8.276	1037	1048	1063	rBV2	293178	846518	100.00%	13.760%
38	8.746	1122	1125	1127	rVB4	1535	1685	0.20%	0.027%
39	8.843	1129	1141	1151	rBV	260388	524763	61.99%	8.530%
40	9.148	1189	1191	1196	rVB6	2028	2118	0.25%	0.034%
41	9.276	1204	1212	1222	rVB	173021	355031	41.94%	5.771%
42	9.465	1241	1243	1246	rBV4	1191	1549	0.18%	0.025%
43	9.648	1270	1273	1274	rBV3	1399	1488	0.18%	0.024%
44	9.953	1320	1323	1325	rBV4	1651	2361	0.28%	0.038%
45	9.977	1325	1327	1329	rVV3	2045	1962	0.23%	0.032%
46	10.032	1329	1336	1346	rVV	83840	155461	18.36%	2.527%
47	10.325	1376	1384	1391	rVV	375633	674246	79.65%	10.960%
48	10.514	1410	1415	1417	rBV6	1605	2031	0.24%	0.033%
49	10.575	1420	1425	1434	rVB	47054	86234	10.19%	1.402%
50	10.703	1439	1446	1454	rVB	81377	149675	17.68%	2.433%
51	10.837	1466	1468	1470	rBV3	1690	1912	0.23%	0.031%
52	10.922	1476	1482	1492	rBV	65147	115701	13.67%	1.881%
53	11.062	1501	1505	1512	rVB5	6539	12110	1.43%	0.197%
54	11.178	1519	1524	1528	rVB7	3015	5603	0.66%	0.091%
55	11.434	1558	1566	1575	rVB	40248	70480	8.33%	1.146%
56	11.629	1591	1598	1607	rBV	338686	569060	67.22%	9.250%
57	11.721	1611	1613	1615	rVV3	1920	1838	0.22%	0.030%
58	11.745	1615	1617	1620	rVB4	1838	2228	0.26%	0.036%
59	11.928	1644	1647	1650	rBV4	1011	1791	0.21%	0.029%
60	11.965	1650	1653	1658	rVB6	1596	2329	0.28%	0.038%
61	12.062	1666	1669	1671	rVB4	1667	1635	0.19%	0.027%
62	12.227	1695	1696	1702	rVB5	1981	2415	0.29%	0.039%
63	12.282	1702	1705	1706	rBV3	1356	1615	0.19%	0.026%
64	12.330	1710	1713	1714	rVV3	1859	1467	0.17%	0.024%
65	12.471	1732	1736	1739	rVB5	3066	4601	0.54%	0.075%
66	12.605	1749	1758	1765	rVB	77650	129937	15.35%	2.112%
67	12.690	1765	1772	1780	rBV	114788	189371	22.37%	3.078%
68	12.928	1808	1811	1815	rBV5	3374	4926	0.58%	0.080%
69	13.013	1820	1825	1826	rBV5	1954	2807	0.33%	0.046%
70	13.074	1832	1835	1839	rVB5	2179	3370	0.40%	0.055%
71	13.141	1844	1846	1848	rBV3	1774	1828	0.22%	0.030%
72	13.288	1865	1870	1878	rVB2	15995	28492	3.37%	0.463%
73	13.403	1884	1889	1893	rBV7	2803	4568	0.54%	0.074%
74	13.470	1895	1900	1901	rBV5	3117	4491	0.53%	0.073%
75	13.556	1907	1914	1926	rVB	311542	521074	61.55%	8.470%
76	13.696	1933	1937	1942	rBV8	1606	3665	0.43%	0.060%

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Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Title : SFAM01.0

77	13.757	1942	1947	1949	rBV5	4458	6664	0.79%	0.108%
78	13.848	1956	1962	1969	rBV	259113	436530	51.57%	7.096%
79	13.946	1976	1978	1982	rVB5	3398	4055	0.48%	0.066%
80	13.976	1982	1983	1986	rBV3	1754	1880	0.22%	0.031%
81	14.013	1986	1989	1992	rVV4	1409	2644	0.31%	0.043%
82	14.062	1992	1997	2002	rVB	20533	32570	3.85%	0.529%
83	14.300	2032	2036	2039	rVV5	1921	2623	0.31%	0.043%
84	14.489	2065	2067	2071	rVB5	1345	1953	0.23%	0.032%
85	14.556	2076	2078	2081	rVB4	1501	1589	0.19%	0.026%
86	14.623	2086	2089	2090	rBV3	1876	1923	0.23%	0.031%
87	14.696	2098	2101	2102	rBV3	1444	1890	0.22%	0.031%
88	14.714	2102	2104	2108	rVB4	5219	6304	0.74%	0.102%
89	15.098	2162	2167	2169	rBV6	1650	2853	0.34%	0.046%
90	15.129	2169	2172	2175	rVV4	2132	3337	0.39%	0.054%
91	15.159	2175	2177	2180	rVB3	2133	2300	0.27%	0.037%
92	15.196	2180	2183	2184	rBV3	1614	1817	0.21%	0.030%
93	15.226	2186	2188	2193	rVB6	2451	2733	0.32%	0.044%
94	15.427	2214	2221	2227	rVB	27473	49663	5.87%	0.807%
95	15.555	2238	2242	2247	rVB8	2126	4299	0.51%	0.070%
96	15.750	2268	2274	2275	rBV4	2422	3271	0.39%	0.053%
97	15.927	2299	2303	2305	rBV4	1251	1870	0.22%	0.030%
98	15.952	2305	2307	2310	rVV3	1780	2022	0.24%	0.033%
99	16.000	2313	2315	2318	rVB4	1607	1775	0.21%	0.029%
100	16.104	2328	2332	2334	rBV5	1585	2035	0.24%	0.033%

Sum of corrected areas: 6152047

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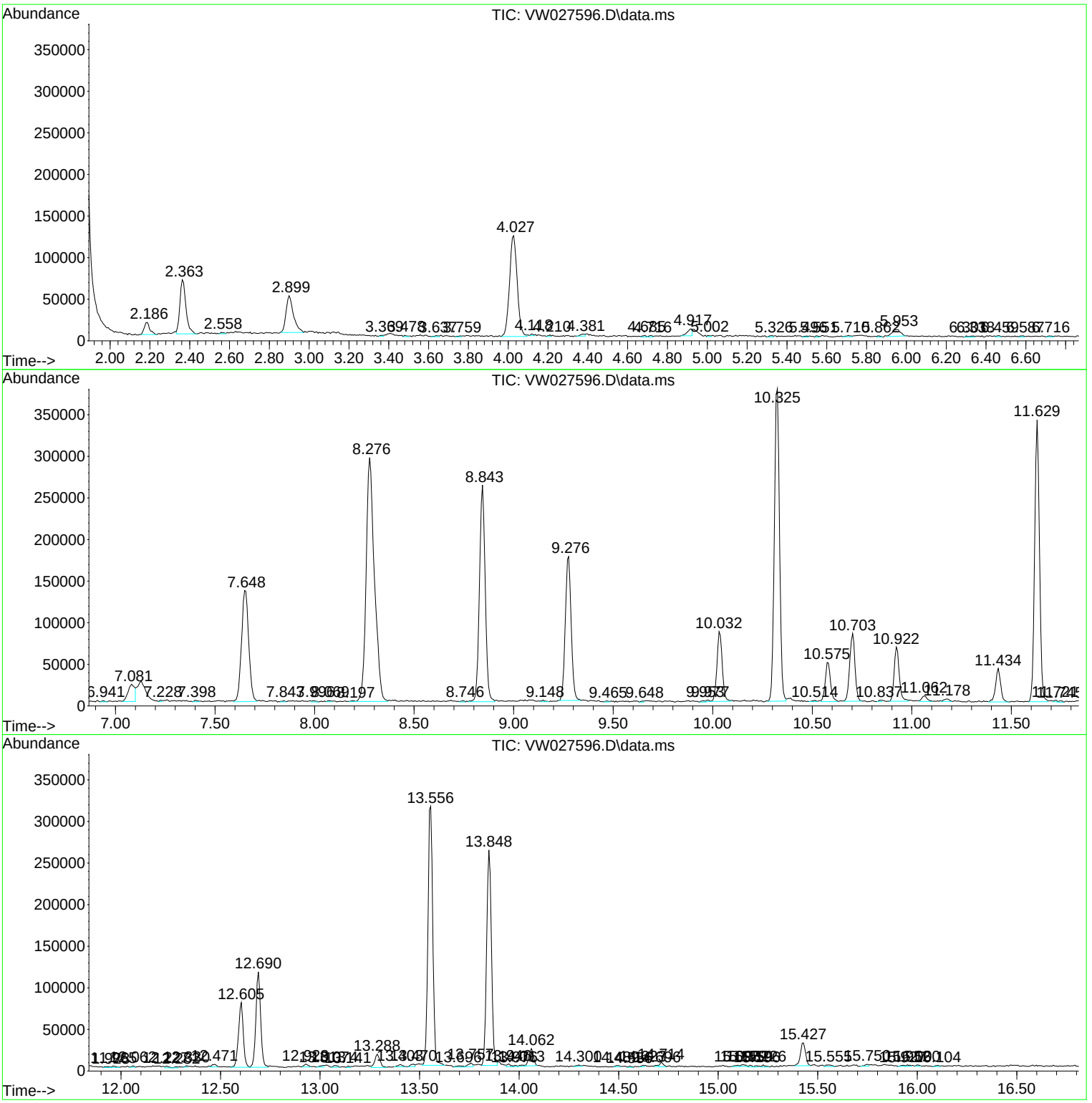
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0

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



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ClientSampleId :
VHBLK001

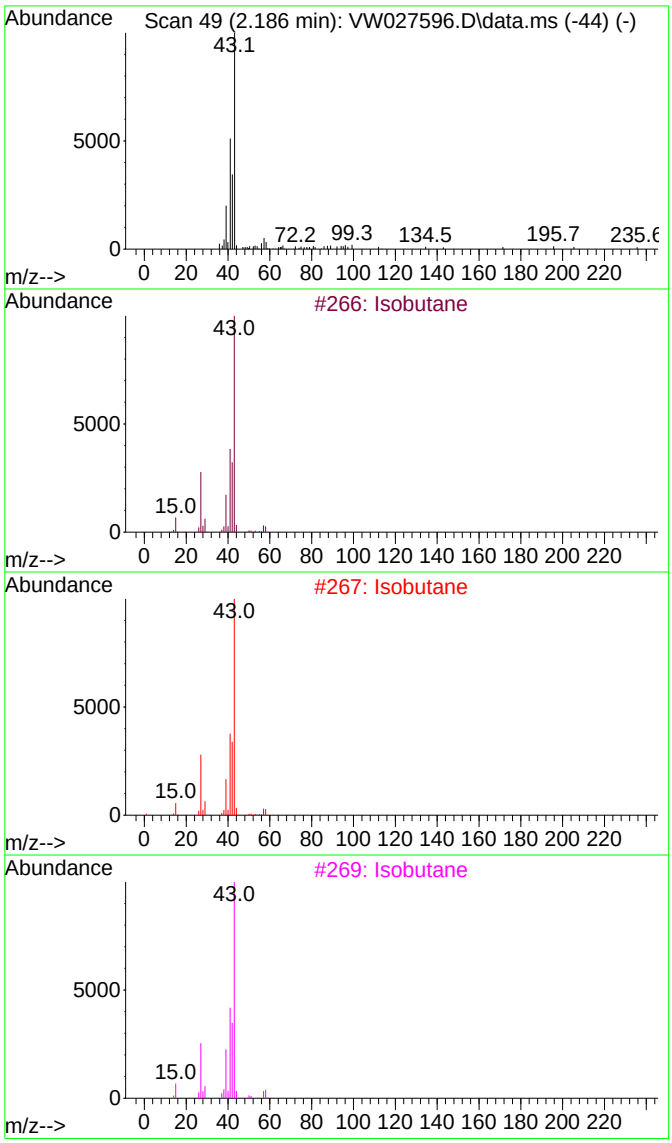
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0

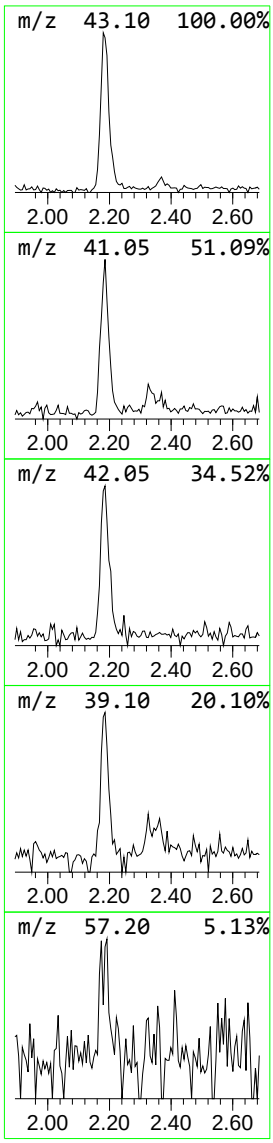
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.186	1.36 ug/L	28449	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	50
2	Isobutane	58	C4H10	000075-28-5	50
3	Isobutane	58	C4H10	000075-28-5	40
4	Isobutane	58	C4H10	000075-28-5	40
5	Sulfone, (3-nitrophenyl)(2-oxopr...	243	C9H9NO5S	125704-77-0	33





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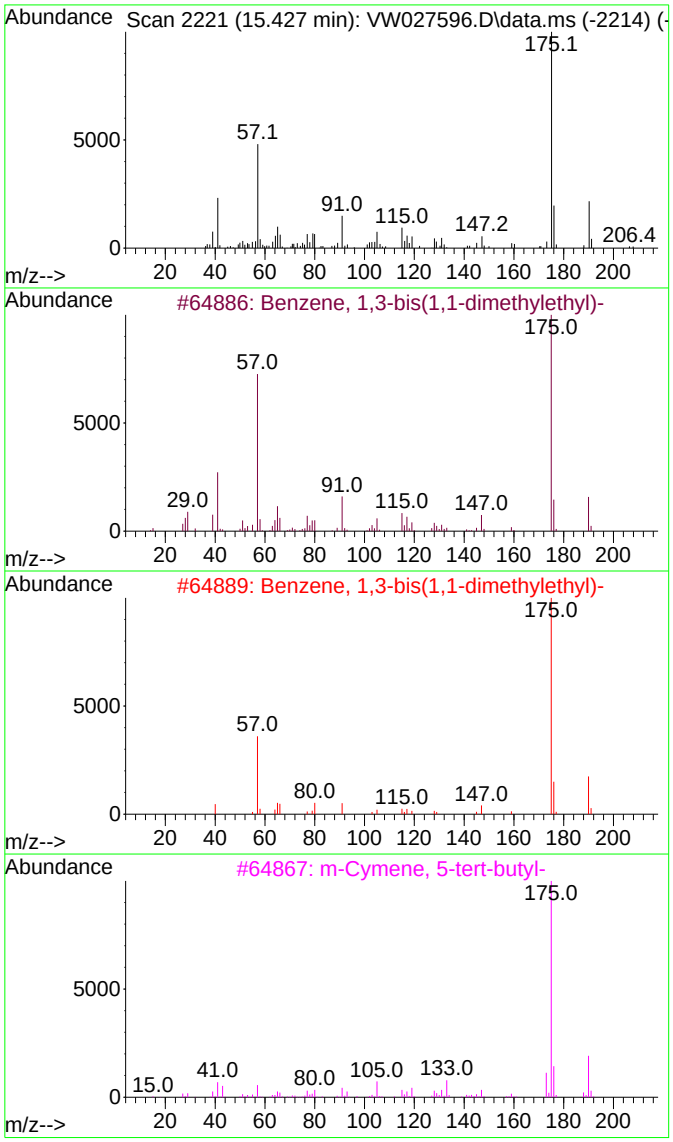
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0

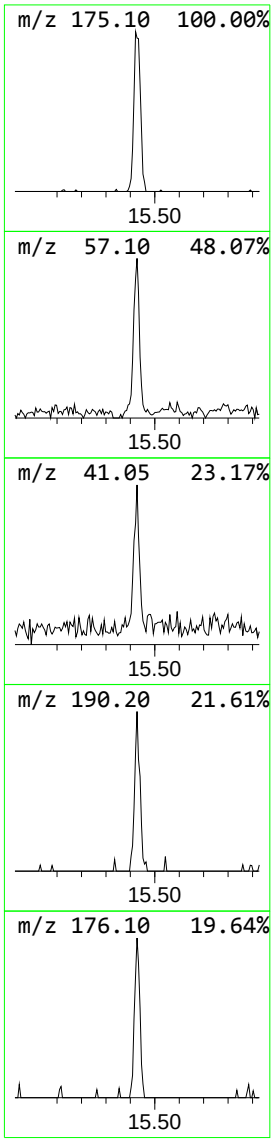
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	2.38 ug/L	49663	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	90
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86





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
(DEL) Alkane: S...	2.186	1.4	ug/L	28449	1	8.843	524763	25.0
Benzene, 1,3-bi...	15.427	2.4	ug/L	49663	3	13.550	521074	25.0