LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
Data File : VW021928.D
Acq On : 15 Jan 2022 01:19
Operator : SY/VA
Sample : VIBLK591
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK591

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\SFAMWLM011122SMA.M
Title : SFAM01.0

Signal : TIC: VW021928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	68	73	85	rVB	51099	87502	15.66%	1.897%
2	2.885	154	161	170	rVB	32448	67346	12.05%	1.460%
3	3.513	261	264	266	rBV2	392	306	0.05%	0.007%
4	4.019	335	347	361	rBV	64382	185046	33.11%	4.011%
5	4.208	376	378	381	rBV3	239	283	0.05%	0.006%
6	4.300	391	393	396	rVB	246	278	0.05%	0.006%
7	4.416	406	412	423	rVV2	1678	5853	1.05%	0.127%
8	4.568	435	437	440	rVB2	373	388	0.07%	0.008%
9	4.720	460	462	465	rBV2	189	196	0.04%	0.004%
10	4.903	487	492	493	rBV2	1862	2325	0.42%	0.050%
11	5.330	558	562	567	rBV2	162	272	0.05%	0.006%
12	5.379	567	570	574	rVB	372	378	0.07%	0.008%
13	5.519	591	593	596	rVB	212	204	0.04%	0.004%
14	5.556	596	599	600	rBV2	253	292	0.05%	0.006%
15	5.598	604	606	610	rBV3	191	258	0.05%	0.006%
16	5.921	653	659	660	rBV3	352	519	0.09%	0.011%
17	6.068	681	683	684	rBV2	316	217	0.04%	0.005%
18	6.159	691	698	700	rBV	337	371	0.07%	0.008%
19	6.440	741	744	745	rBV2	188	202	0.04%	0.004%
20	6.708	784	788	791	rBV2	178	313	0.06%	0.007%
21	6.830	804	808	811	rBB2	196	273	0.05%	0.006%
22	6.964	828	830	833	rVB2	301	266	0.05%	0.006%
23	7.080	840	849	854	rBV2	13016	36504	6.53%	0.791%
24	7.415	903	904	908	rBV2	254	299	0.05%	0.006%
25	7.452	908	910	915	rVV2	275	441	0.08%	0.010%
26	7.647	931	942	955	rVV	91501	226323	40.50%	4.906%
27	7.830	969	972	976	rBV	215	423	0.08%	0.009%
28	8.061	1006	1010	1014	rBV	268	333	0.06%	0.007%
29	8.110	1014	1018	1022	rBV2	161	329	0.06%	0.007%
30	8.165	1025	1027	1032	rVB	311	328	0.06%	0.007%
31	8.275	1032	1045	1062	rBV2	186689	558811	100.00%	12.113%
32	8.714	1114	1117	1118	rBV	194	213	0.04%	0.005%
33	8.842	1129	1138	1147	rBV	140611	281417	50.36%	6.100%
34	9.079	1171	1177	1183	rBV4	1212	2432	0.44%	0.053%
35	9.214	1196	1199	1201	rBV3	478	665	0.12%	0.014%
36	9.275	1201	1209	1218	rVB	114878	231749	41.47%	5.024%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK591

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\SFAMWLM011122SMA.M
Title : SFAM01.0

37	9.598	1260	1262	1265	rVB	310	358	0.06%	0.008%
38	9.659	1269	1272	1274	rVV2	451	697	0.12%	0.015%
39	9.732	1283	1284	1287	rBV	213	193	0.03%	0.004%
40	9.768	1288	1290	1293	rVB	211	198	0.04%	0.004%
41	9.848	1301	1303	1306	rBV	209	293	0.05%	0.006%
42	9.945	1317	1319	1320	rBV	282	260	0.05%	0.006%
43	9.963	1320	1322	1323	rVV	488	315	0.06%	0.007%
44	10.037	1327	1334	1342	rVB	59323	106003	18.97%	2.298%
45	10.116	1345	1347	1353	rVB4	550	844	0.15%	0.018%
46	10.213	1357	1363	1369	rBV3	1890	3907	0.70%	0.085%
47	10.323	1373	1381	1388	rBV	272967	476431	85.26%	10.328%
48	10.476	1403	1406	1408	rBV	346	328	0.06%	0.007%
49	10.579	1415	1423	1433	rBV	38722	66847	11.96%	1.449%
50	10.701	1437	1443	1451	rVV	59876	104143	18.64%	2.258%
51	10.841	1463	1466	1467	rBV2	699	553	0.10%	0.012%
52	10.921	1473	1479	1492	rBV	54344	91940	16.45%	1.993%
53	11.006	1492	1493	1496	rVV	457	436	0.08%	0.009%
54	11.061	1496	1502	1511	rVV	16370	27906	4.99%	0.605%
55	11.122	1511	1512	1515	rVV3	396	310	0.06%	0.007%
56	11.152	1515	1517	1518	rVV2	365	358	0.06%	0.008%
57	11.177	1518	1521	1526	rVB2	1405	2062	0.37%	0.045%
58	11.439	1553	1564	1571	rBV2	58205	98677	17.66%	2.139%
59	11.628	1588	1595	1604	rBV	217922	367859	65.83%	7.974%
60	11.719	1608	1610	1612	rBV3	369	310	0.06%	0.007%
61	11.841	1625	1630	1633	rVB3	708	1131	0.20%	0.025%
62	12.018	1654	1659	1660	rBV2	143	211	0.04%	0.005%
63	12.042	1660	1663	1664	rBV	291	225	0.04%	0.005%
64	12.152	1679	1681	1683	rBV3	308	336	0.06%	0.007%
65	12.231	1692	1694	1697	rBV2	287	311	0.06%	0.007%
66	12.341	1708	1712	1713	rVB	306	261	0.05%	0.006%
67	12.372	1713	1717	1721	rVB2	478	708	0.13%	0.015%
68	12.469	1731	1733	1738	rVB3	499	653	0.12%	0.014%
69	12.603	1744	1755	1763	rBV2	247499	377711	67.59%	8.188%
70	12.689	1763	1769	1776	rBV	97064	160465	28.72%	3.478%
71	12.750	1776	1779	1789	rVB5	1445	3829	0.69%	0.083%
72	12.823	1789	1791	1794	rBV	259	275	0.05%	0.006%
73	12.853	1794	1796	1801	rBV3	518	718	0.13%	0.016%
74	12.932	1804	1809	1812	rBV4	2854	5330	0.95%	0.116%
75	13.079	1830	1833	1838	rVB5	886	1489	0.27%	0.032%
76	13.188	1847	1851	1857	rVB3	3805	6479	1.16%	0.140%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK591

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Title : SFAM01.0

77	13.292	1863	1868	1875	rVB2	24186	37712	6.75%	0.817%
78	13.408	1879	1887	1892	rBV3	4053	8201	1.47%	0.178%
79	13.469	1893	1897	1898	rBV3	1053	1261	0.23%	0.027%
80	13.554	1904	1911	1917	rBV	262846	406965	72.83%	8.822%
81	13.762	1940	1945	1949	rBV4	2708	5268	0.94%	0.114%
82	13.847	1953	1959	1966	rBV	238707	409135	73.22%	8.869%
83	14.011	1982	1986	1988	rBV4	1106	1569	0.28%	0.034%
84	14.066	1989	1995	2002	rVV2	55118	89381	15.99%	1.938%
85	14.304	2028	2034	2035	rBV5	1333	2429	0.43%	0.053%
86	14.493	2062	2065	2067	rBV3	936	1050	0.19%	0.023%
87	14.566	2074	2077	2079	rVB	481	409	0.07%	0.009%
88	14.603	2079	2083	2084	rBV4	539	601	0.11%	0.013%
89	14.719	2093	2102	2107	rBV5	5405	9527	1.70%	0.207%
90	14.865	2122	2126	2129	rBV2	448	590	0.11%	0.013%
91	15.023	2150	2152	2153	rBV2	405	254	0.05%	0.006%
92	15.316	2197	2200	2202	rBV4	342	477	0.09%	0.010%
93	15.432	2211	2219	2224	rBV	16934	29334	5.25%	0.636%
94	15.676	2255	2259	2265	rBV5	1088	1852	0.33%	0.040%
95	15.725	2265	2267	2269	rBV2	540	401	0.07%	0.009%
96	15.956	2302	2305	2310	rBV5	624	1029	0.18%	0.022%
97	16.359	2369	2371	2374	rVB2	351	237	0.04%	0.005%
98	16.462	2387	2388	2390	rBV2	301	217	0.04%	0.005%
99	16.554	2400	2403	2404	rBV2	328	300	0.05%	0.007%
100	16.694	2425	2426	2428	rBV	471	273	0.05%	0.006%

Sum of corrected areas: 4613187

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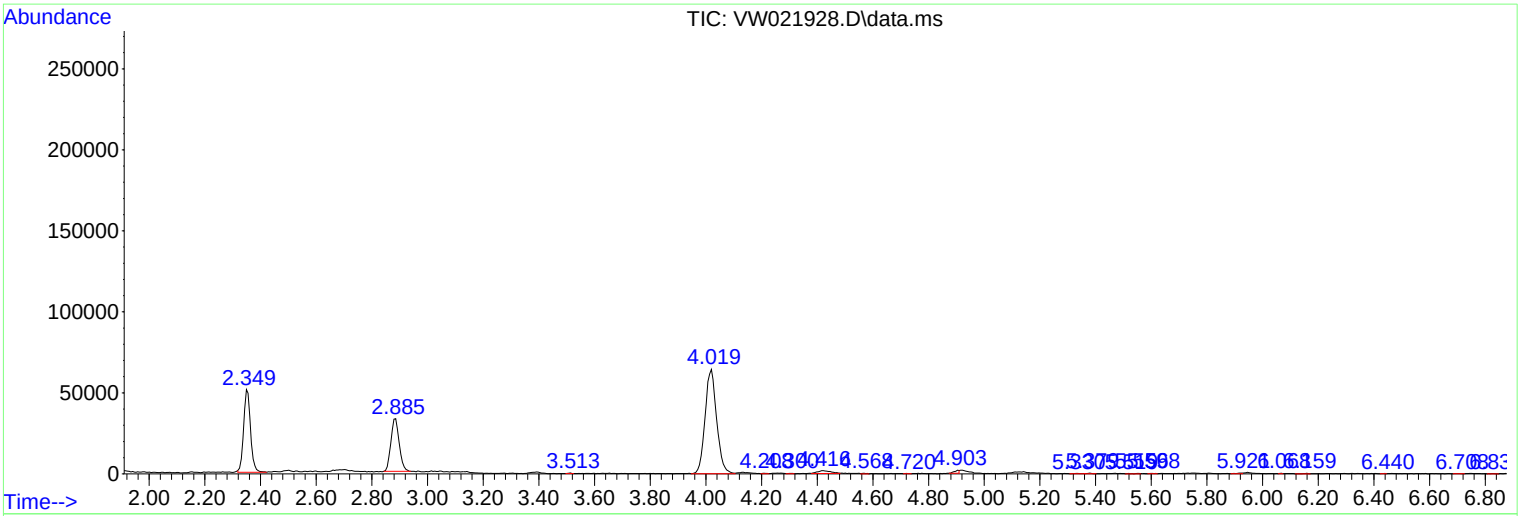
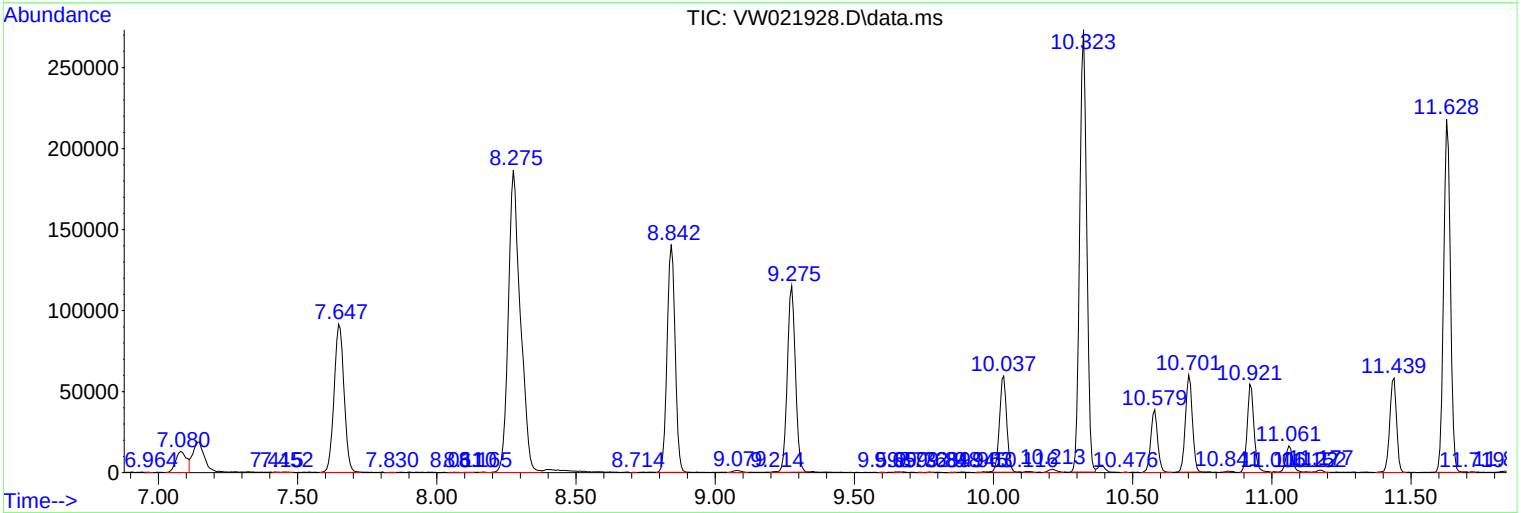
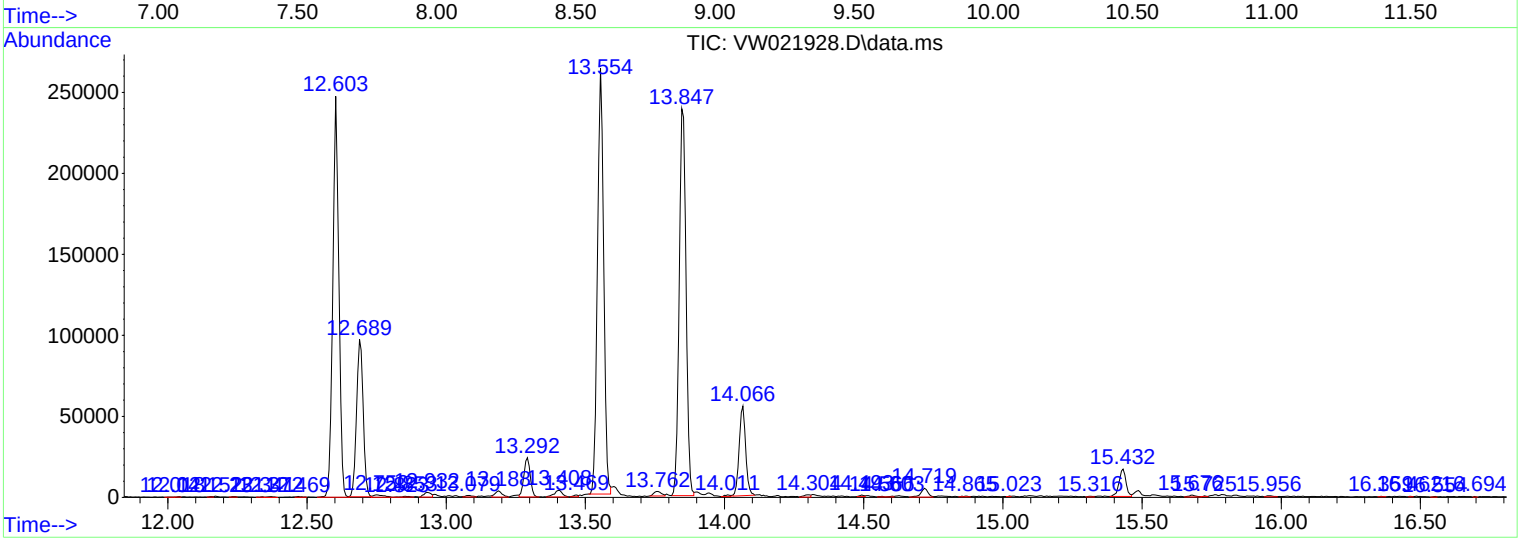
Instrument :
MSVOA_W
ClientSampleId :
VIBLK591

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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







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VIBLK591

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

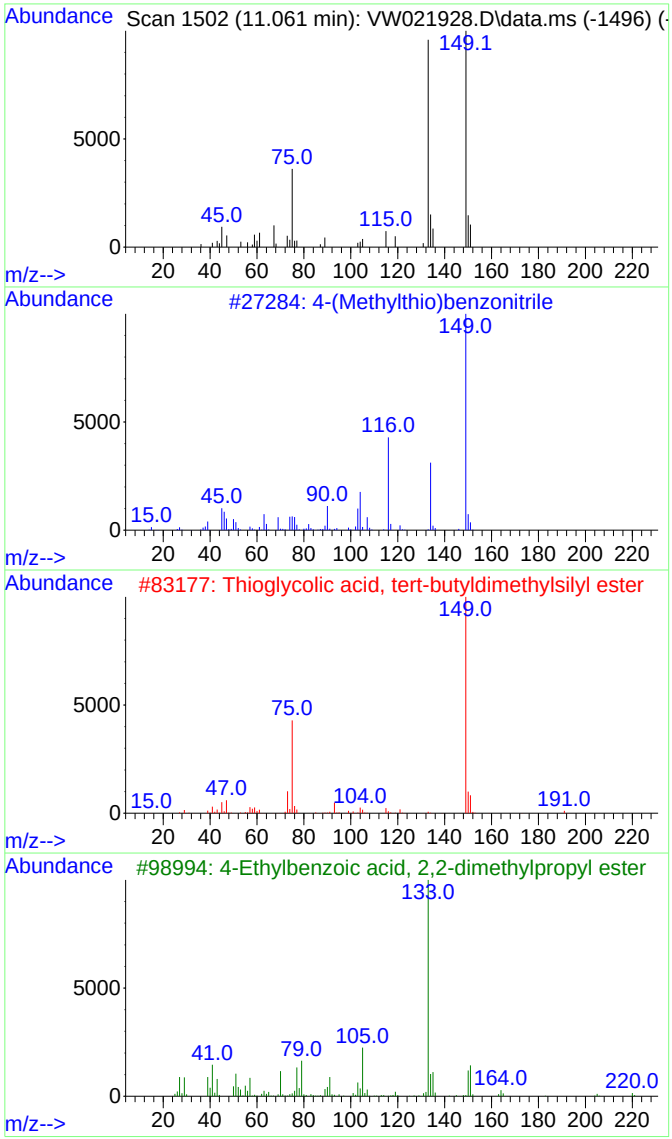
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

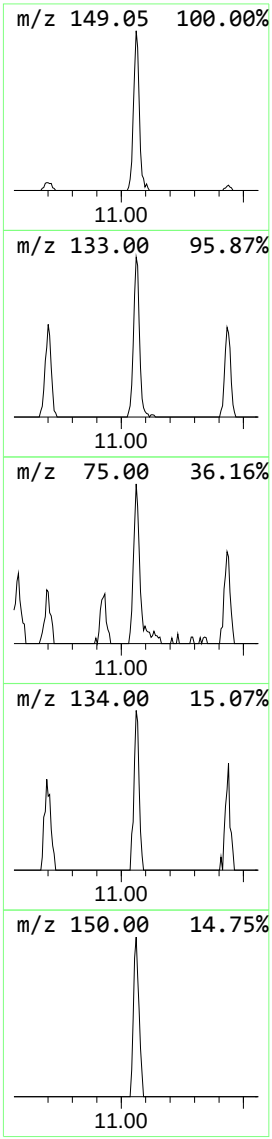
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.061	1.90 ug/L	27906	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	38
2	Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	37
3	4-Ethylbenzoic acid, 2,2-dimethy...	220	C14H20O2	1000293-49-5	32
4	2,4,6-Trimethylbenzyl mercaptan,...	362	C14H13F7OS	1000469-60-5	27
5	2,4,6-Trimethylbenzyl mercaptan,...	238	C13H22SSi	1000469-60-9	27





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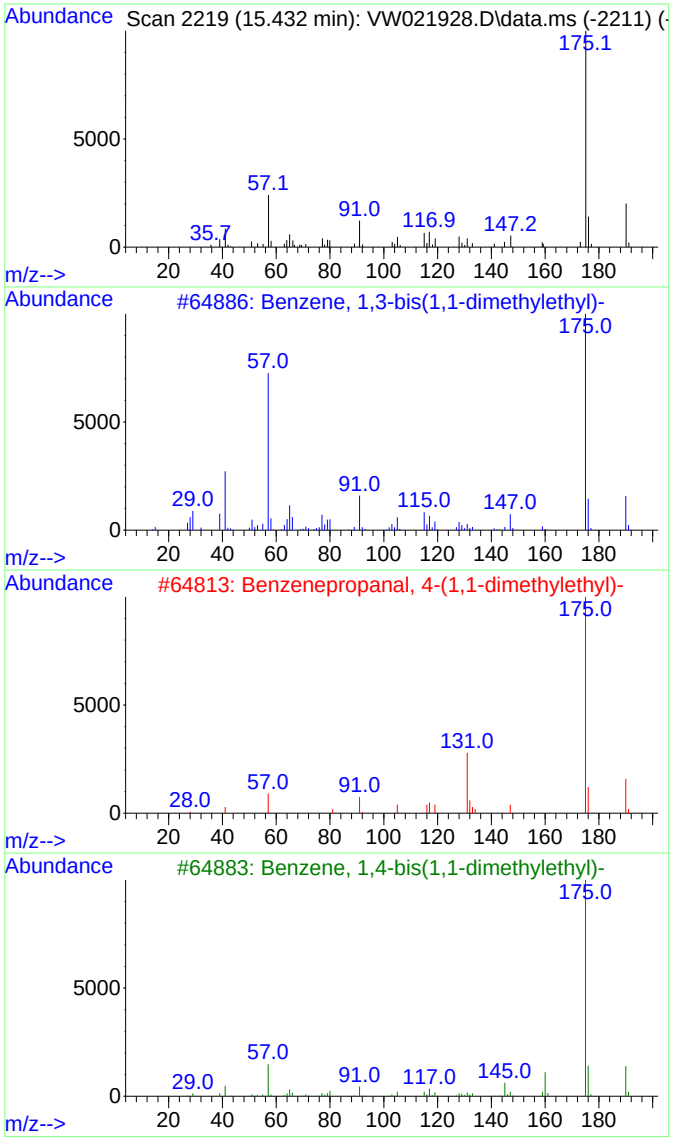
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

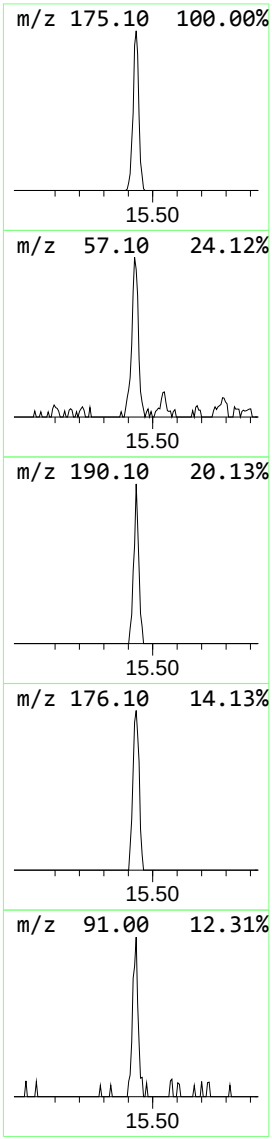
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.80 ug/L	29334	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	87
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	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
unknown-01	11.061	1.9	ug/L	27906	2	11.628	367859	25.0
Benzene, 1,3-bi...	15.432	1.8	ug/L	29334	3	13.554	406965	25.0