LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
Data File : VW027428.D
Acq On : 24 Oct 2023 19:44
Operator : SY/MD
Sample : VIBLK550
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

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\SFAMWLM101123SMA.M
Title : SFAM01.0

Signal : TIC: VW027428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	72	79	89	rBV	63049	154598	9.94%	1.236%
2	2.899	159	166	180	rVB2	51904	145853	9.37%	1.166%
3	3.259	223	225	227	rBV2	1229	1302	0.08%	0.010%
4	3.393	241	247	255	rBV4	5221	13116	0.84%	0.105%
5	3.698	296	297	301	rVB4	779	767	0.05%	0.006%
6	3.728	301	302	305	rVB2	660	692	0.04%	0.006%
7	4.021	339	350	367	rBV	149426	441897	28.40%	3.533%
8	4.277	390	392	394	rVB2	934	720	0.05%	0.006%
9	4.301	394	396	398	rBV3	1248	992	0.06%	0.008%
10	4.429	412	417	418	rBV5	1414	1669	0.11%	0.013%
11	4.478	423	425	427	rVV3	1630	1321	0.08%	0.011%
12	4.606	444	446	449	rVB3	980	793	0.05%	0.006%
13	4.673	451	457	458	rVB5	725	755	0.05%	0.006%
14	4.832	481	483	485	rBV3	797	985	0.06%	0.008%
15	4.923	487	498	510	rBV2	29357	102663	6.60%	0.821%
16	5.130	528	532	535	rBV6	813	1364	0.09%	0.011%
17	5.222	545	547	549	rBV3	1127	781	0.05%	0.006%
18	5.399	575	576	579	rBV2	820	996	0.06%	0.008%
19	5.441	579	583	584	rBV4	865	972	0.06%	0.008%
20	5.496	590	592	595	rVB3	856	772	0.05%	0.006%
21	5.673	618	621	625	rBV5	657	1239	0.08%	0.010%
22	5.758	628	635	636	rBV6	3083	6040	0.39%	0.048%
23	5.947	655	666	676	rVB3	14557	46213	2.97%	0.369%
24	6.027	676	679	680	rBV3	734	765	0.05%	0.006%
25	6.082	685	688	690	rVB4	709	742	0.05%	0.006%
26	6.490	752	755	761	rBV7	717	1464	0.09%	0.012%
27	6.606	773	774	778	rVB3	617	688	0.04%	0.006%
28	6.655	778	782	784	rBV4	1140	1264	0.08%	0.010%
29	6.691	784	788	789	rVV4	861	1175	0.08%	0.009%
30	6.862	812	816	817	rBV3	888	959	0.06%	0.008%
31	6.917	822	825	827	rVV3	1192	1396	0.09%	0.011%
32	7.081	842	852	856	rBV2	50860	130640	8.40%	1.044%
33	7.142	858	862	880	rVB2	72724	194279	12.49%	1.553%
34	7.526	923	925	927	rBV3	935	713	0.05%	0.006%
35	7.648	934	945	958	rBV	227804	564587	36.29%	4.514%
36	7.825	972	974	977	rVB5	1242	1208	0.08%	0.010%

LSC Area Percent Report

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Acq On : 24 Oct 2023 19:44
Operator : SY/MD
Sample : VIBLK550
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

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\SFAMWLM101123SMA.M
Title : SFAM01.0

37	7.929	990	991	996	rVB5	1343	1812	0.12%	0.014%
38	8.039	1003	1009	1014	rVB8	3063	6266	0.40%	0.050%
39	8.148	1024	1027	1028	rBV3	682	697	0.04%	0.006%
40	8.276	1034	1048	1064	rBV3	489133	1555894	100.00%	12.439%
41	8.484	1075	1082	1089	rVB2	6088	13800	0.89%	0.110%
42	8.685	1114	1115	1117	rBV2	837	802	0.05%	0.006%
43	8.752	1124	1126	1130	rVB4	1199	1140	0.07%	0.009%
44	8.843	1132	1141	1151	rBV	566739	1121450	72.08%	8.966%
45	9.008	1167	1168	1172	rVB4	820	864	0.06%	0.007%
46	9.069	1175	1178	1179	rBV3	2253	2392	0.15%	0.019%
47	9.130	1185	1188	1189	rBV2	712	732	0.05%	0.006%
48	9.215	1198	1202	1203	rBV4	815	1119	0.07%	0.009%
49	9.276	1203	1212	1226	rVV	318745	664455	42.71%	5.312%
50	9.520	1250	1252	1255	rBV4	826	1122	0.07%	0.009%
51	9.569	1257	1260	1261	rVB3	960	1020	0.07%	0.008%
52	9.672	1271	1277	1278	rBV5	2265	3908	0.25%	0.031%
53	9.758	1286	1291	1302	rVB4	5284	11665	0.75%	0.093%
54	9.892	1306	1313	1322	rBV2	6650	15318	0.98%	0.122%
55	10.032	1325	1336	1343	rBV	166579	309885	19.92%	2.478%
56	10.184	1359	1361	1363	rBV3	902	811	0.05%	0.006%
57	10.245	1368	1371	1376	rVV5	3010	4155	0.27%	0.033%
58	10.325	1376	1384	1392	rBV	611719	1109882	71.33%	8.874%
59	10.471	1406	1408	1411	rVB4	1396	1384	0.09%	0.011%
60	10.501	1411	1413	1414	rBV2	1208	1067	0.07%	0.009%
61	10.581	1419	1426	1433	rVV	100832	178396	11.47%	1.426%
62	10.703	1438	1446	1455	rBV	127597	236742	15.22%	1.893%
63	10.855	1465	1471	1475	rBV6	6451	12676	0.81%	0.101%
64	10.922	1476	1482	1497	rVV	200405	351513	22.59%	2.810%
65	11.062	1498	1505	1510	rVV2	12456	22872	1.47%	0.183%
66	11.178	1520	1524	1529	rVB7	5172	8713	0.56%	0.070%
67	11.434	1556	1566	1574	rVB3	25083	55152	3.54%	0.441%
68	11.507	1574	1578	1581	rBV6	2578	4044	0.26%	0.032%
69	11.629	1590	1598	1607	rBV	804785	1359361	87.37%	10.868%
70	11.910	1642	1644	1650	rVB8	935	1777	0.11%	0.014%
71	12.233	1696	1697	1698	rBV	1435	894	0.06%	0.007%
72	12.465	1730	1735	1742	rBV10	7711	13818	0.89%	0.110%
73	12.605	1751	1758	1764	rVB	83672	136000	8.74%	1.087%
74	12.690	1766	1772	1779	rVB	251269	410307	26.37%	3.280%
75	12.800	1786	1790	1797	rVB2	10034	14760	0.95%	0.118%
76	13.080	1832	1836	1837	rBV3	1913	2675	0.17%	0.021%

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Sample : VIBLK550
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

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\SFAMWLM101123SMA.M
Title : SFAM01.0

77	13.288	1866	1870	1877	rVB2	12920	21547	1.38%	0.172%
78	13.373	1878	1884	1887	rBV3	3724	9200	0.59%	0.074%
79	13.556	1907	1914	1926	rVB	862938	1394492	89.63%	11.149%
80	13.714	1935	1940	1943	rBV2	13974	20771	1.33%	0.166%
81	13.751	1944	1946	1950	rVB3	6611	8072	0.52%	0.065%
82	13.848	1955	1962	1972	rVB	536866	915527	58.84%	7.320%
83	14.062	1992	1997	1999	rBV2	34007	53245	3.42%	0.426%
84	14.092	1999	2002	2008	rVB	42477	61238	3.94%	0.490%
85	14.202	2015	2020	2026	rVB3	28292	50766	3.26%	0.406%
86	14.269	2027	2031	2034	rBV6	3425	5924	0.38%	0.047%
87	14.409	2047	2054	2063	rVB	51232	91282	5.87%	0.730%
88	14.495	2063	2068	2072	rBV2	12115	21780	1.40%	0.174%
89	14.629	2081	2090	2095	rBV5	5557	15752	1.01%	0.126%
90	14.684	2095	2099	2103	rBV2	17665	32025	2.06%	0.256%
91	14.799	2111	2118	2123	rBV2	28830	64862	4.17%	0.519%
92	14.848	2123	2126	2134	rVB2	12664	22103	1.42%	0.177%
93	15.056	2148	2160	2164	rBV2	31996	70617	4.54%	0.565%
94	15.165	2173	2178	2186	rVB4	21434	48572	3.12%	0.388%
95	15.312	2200	2202	2213	rVB4	5059	10990	0.71%	0.088%
96	15.427	2213	2221	2224	rBV2	24150	46815	3.01%	0.374%
97	15.647	2252	2257	2264	rBV3	12461	24454	1.57%	0.196%
98	15.940	2300	2305	2311	rBV6	8352	16051	1.03%	0.128%
99	16.159	2337	2341	2343	rBV5	3026	4751	0.31%	0.038%
100	16.635	2412	2419	2426	rVB3	11912	29168	1.87%	0.233%

Sum of corrected areas: 12507724

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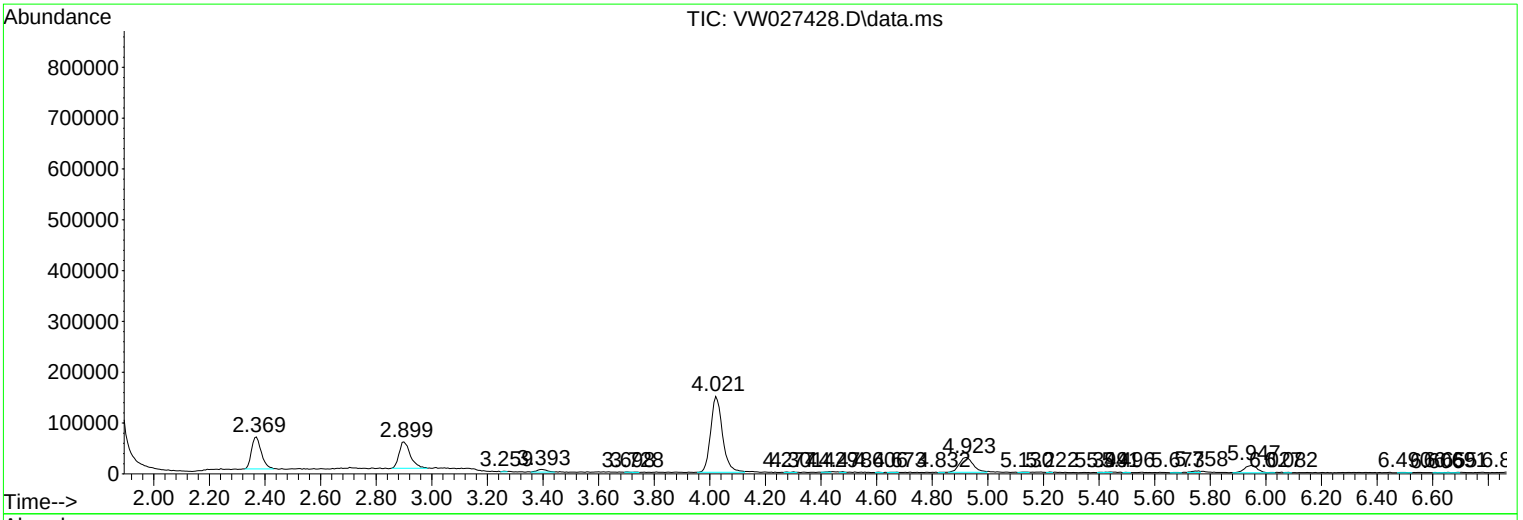
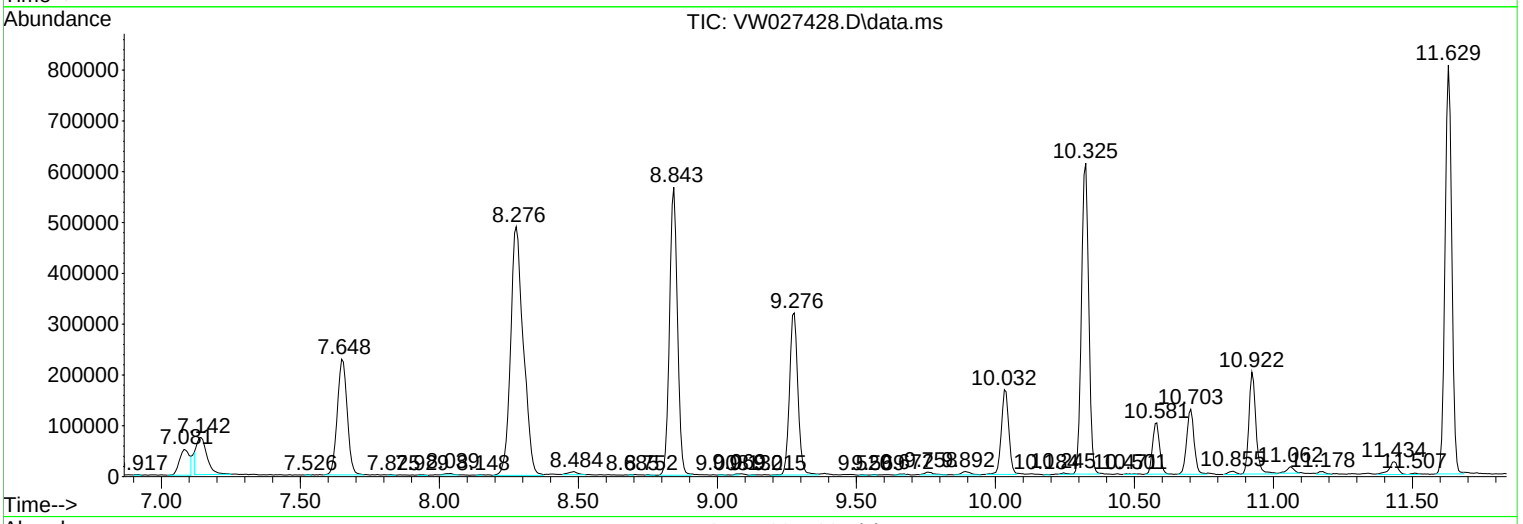
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

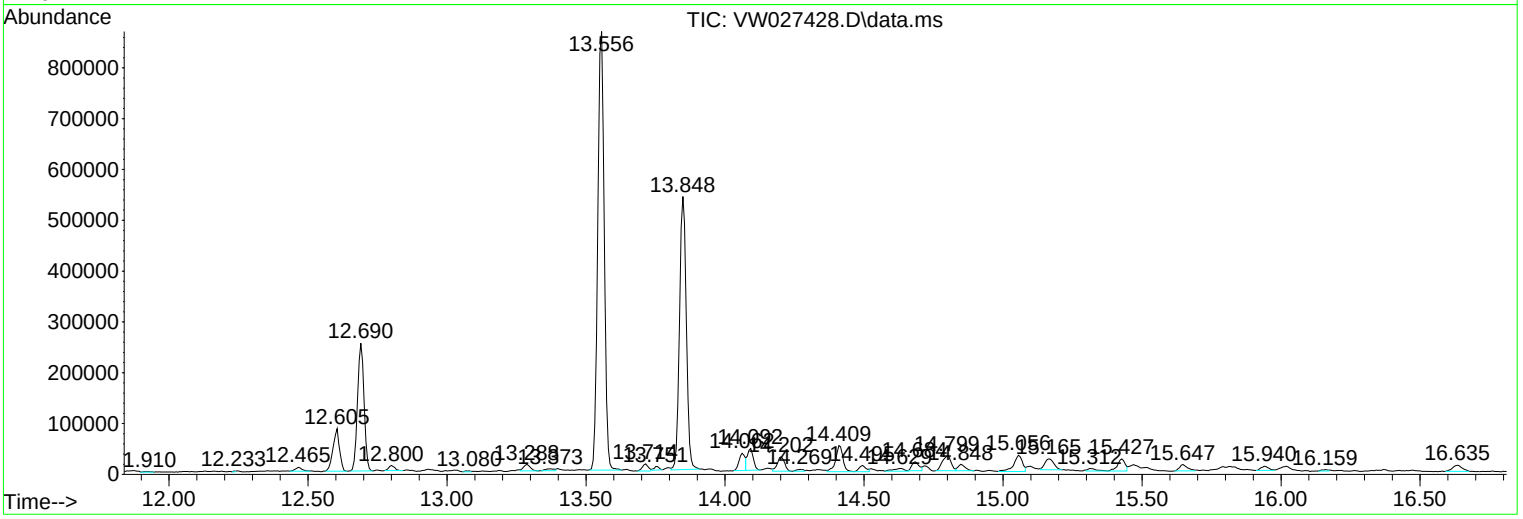
Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

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







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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

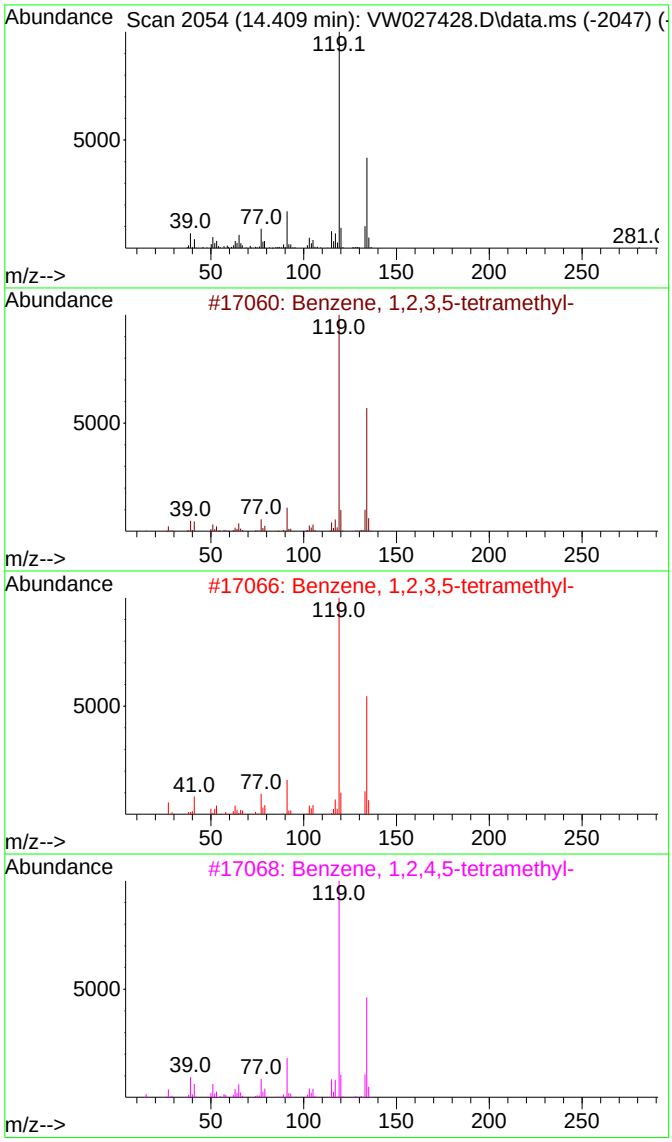
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

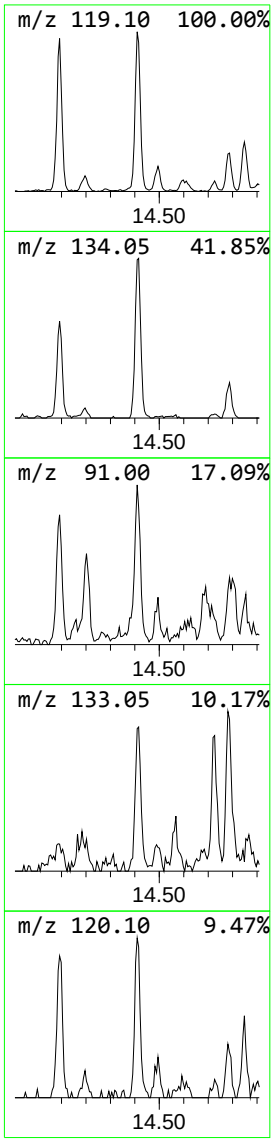
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.409	1.64 ug/L	91282	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Sample : VIBLK550
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

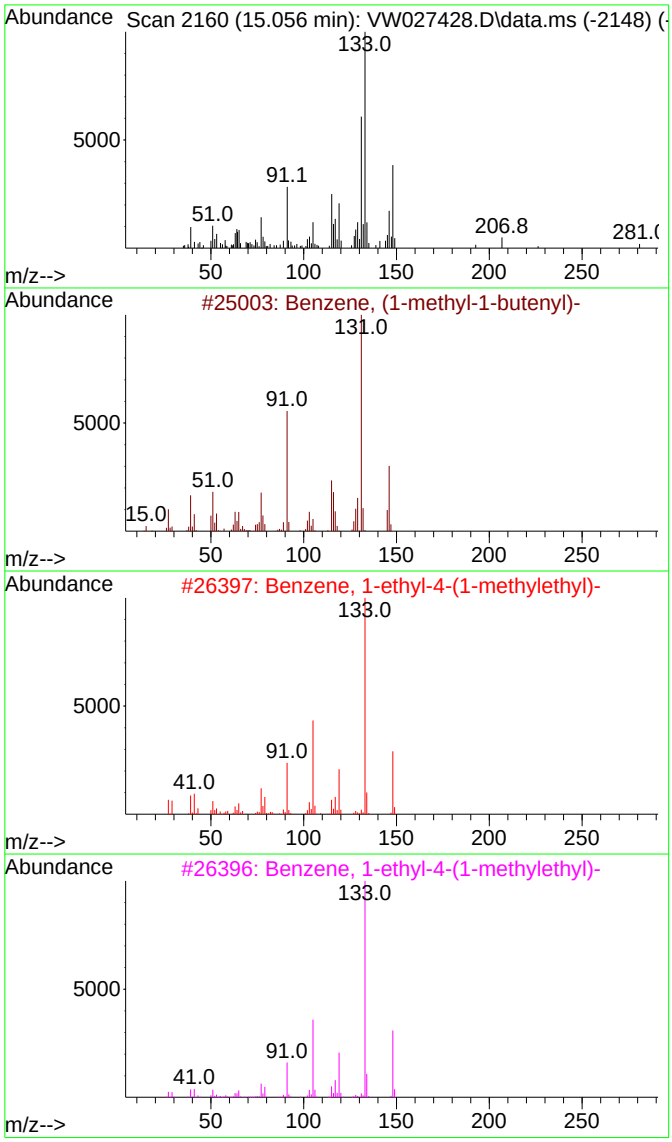
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0

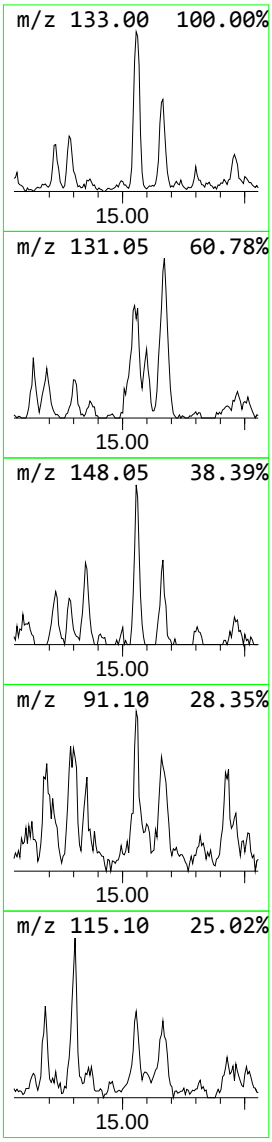
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	1.27 ug/L	70617	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	58
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_W
ClientSampleId :
VIBLK550

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
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
Benzene, 1,2,3,...	14.409	1.6	ug/L	91282	3	13.556	1394490	25.0
Benzene, (1-met...	15.056	1.3	ug/L	70617	3	13.556	1394490	25.0