LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

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_V\Method\SFAMVLM011024WMA.M
Title : VOC Analysis

Signal : TIC: VV033831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	33	39	52	rVB	39248	43132	0.04%	0.032%
2	1.285	65	76	105	rBV	2518309	2813611	2.85%	2.081%
3	1.532	147	153	171	rVB	89988	113456	0.11%	0.084%
4	2.063	309	318	342	rVB2	241625	417215	0.42%	0.309%
5	2.246	363	375	387	rBV2	9432	18602	0.02%	0.014%
6	2.449	429	438	451	rBV	6856	10919	0.01%	0.008%
7	2.693	502	514	556	rBV	2177853	3737175	3.78%	2.764%
8	3.818	842	864	949	rBV2	35448765	98743355	100.00%	73.029%
9	4.249	987	998	1025	rVB	112120	289994	0.29%	0.214%
10	4.956	1201	1218	1244	rBV2	264436	703299	0.71%	0.520%
11	5.223	1298	1301	1305	rVB2	475	347	0.00%	0.000%
12	5.294	1320	1323	1326	rBV2	414	251	0.00%	0.000%
13	5.358	1340	1343	1352	rVB3	392	362	0.00%	0.000%
14	5.432	1360	1366	1373	rBV3	481	660	0.00%	0.000%
15	5.532	1386	1397	1428	rBV	249684	505413	0.51%	0.374%
16	5.831	1466	1490	1527	rBV	6103392	11587760	11.74%	8.570%
17	5.989	1529	1539	1566	rVB	156980	336716	0.34%	0.249%
18	6.307	1635	1638	1642	rBV4	492	346	0.00%	0.000%
19	6.339	1642	1648	1651	rVV2	446	422	0.00%	0.000%
20	6.371	1657	1658	1664	rVB3	314	246	0.00%	0.000%
21	6.413	1667	1671	1673	rBV	394	231	0.00%	0.000%
22	6.603	1726	1730	1732	rBV	324	316	0.00%	0.000%
23	6.731	1768	1770	1775	rBV2	235	224	0.00%	0.000%
24	6.915	1816	1827	1847	rBV	90340	169750	0.17%	0.126%
25	7.185	1908	1911	1914	rBV3	464	359	0.00%	0.000%
26	7.243	1918	1929	1953	rBV	331033	582609	0.59%	0.431%
27	7.471	1996	2000	2004	rBV3	354	287	0.00%	0.000%
28	7.551	2014	2025	2046	rBV	68947	126595	0.13%	0.094%
29	7.776	2085	2095	2110	rVB3	10229	17198	0.02%	0.013%
30	7.905	2114	2135	2163	rBV	7172438	11702166	11.85%	8.655%
31	8.024	2164	2172	2200	rVB	163479	308571	0.31%	0.228%
32	8.214	2227	2231	2243	rVB6	1820	3159	0.00%	0.002%
33	8.275	2245	2250	2251	rBV	1663	1098	0.00%	0.001%
34	8.734	2385	2393	2398	rBV5	1199	1537	0.00%	0.001%
35	8.783	2398	2408	2429	rBV	382148	629796	0.64%	0.466%
36	8.960	2457	2463	2472	rVB2	1905	2284	0.00%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

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_V\Method\SFAMVLM011024WMA.M
Title : VOC Analysis

37	9.043	2482	2489	2492	rBV6	1780	2443	0.00%	0.002%
38	9.085	2496	2502	2512	rVV5	5576	9049	0.01%	0.007%
39	9.159	2516	2525	2540	rVB3	5186	9717	0.01%	0.007%
40	9.249	2545	2553	2559	rBV5	2689	3875	0.00%	0.003%
41	9.416	2588	2605	2619	rBV9	4879	12947	0.01%	0.010%
42	9.490	2620	2628	2642	rVB4	3320	5444	0.01%	0.004%
43	9.580	2653	2656	2659	rBV3	568	438	0.00%	0.000%
44	9.641	2659	2675	2688	rVB4	9050	18531	0.02%	0.014%
45	9.731	2696	2703	2714	rBV9	5498	11515	0.01%	0.009%
46	9.869	2733	2746	2752	rBV5	4145	8269	0.01%	0.006%
47	9.959	2768	2774	2777	rBV4	593	745	0.00%	0.001%
48	10.014	2787	2791	2794	rVB3	371	289	0.00%	0.000%
49	10.062	2794	2806	2815	rBV4	7344	12035	0.01%	0.009%
50	10.107	2815	2820	2822	rBV5	586	620	0.00%	0.000%
51	10.152	2823	2834	2857	rVV	208031	384053	0.39%	0.284%
52	10.294	2868	2878	2887	rBV2	5828	12283	0.01%	0.009%
53	10.387	2898	2907	2925	rBV4	16876	42041	0.04%	0.031%
54	10.477	2928	2935	2946	rVB	19295	29991	0.03%	0.022%
55	10.609	2972	2976	2979	rBV3	344	329	0.00%	0.000%
56	10.631	2979	2983	2985	rVV3	487	416	0.00%	0.000%
57	10.673	2985	2996	3011	rVV5	15907	29810	0.03%	0.022%
58	10.808	3031	3038	3042	rBV5	5688	7603	0.01%	0.006%
59	10.853	3043	3052	3073	rVB	55684	91217	0.09%	0.067%
60	10.927	3073	3075	3077	rBV	407	254	0.00%	0.000%
61	10.956	3077	3084	3091	rBV6	3291	5288	0.01%	0.004%
62	10.998	3091	3097	3100	rBV3	3125	4062	0.00%	0.003%
63	11.088	3119	3125	3131	rBV4	2043	2670	0.00%	0.002%
64	11.133	3131	3139	3145	rBV	8324	11931	0.01%	0.009%
65	11.185	3145	3155	3174	rVV	436830	668588	0.68%	0.494%
66	11.275	3174	3183	3194	rVB	44187	67094	0.07%	0.050%
67	11.394	3213	3220	3229	rVB2	4802	7339	0.01%	0.005%
68	11.487	3234	3249	3253	rBV7	9801	22460	0.02%	0.017%
69	11.561	3262	3272	3293	rVB	369094	628136	0.64%	0.465%
70	11.686	3304	3311	3318	rVB7	3907	5429	0.01%	0.004%
71	11.760	3325	3334	3342	rVV2	11703	17288	0.02%	0.013%
72	11.850	3354	3362	3367	rBV2	9869	14573	0.01%	0.011%
73	11.956	3387	3395	3401	rBV	16191	26471	0.03%	0.020%
74	12.053	3416	3425	3431	rBV	11066	18322	0.02%	0.014%
75	12.194	3457	3469	3476	rBV8	3972	8832	0.01%	0.007%
76	12.252	3476	3487	3498	rVB5	9769	20249	0.02%	0.015%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

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_V\Method\SFAMVLM011024WMA.M
Title : VOC Analysis

77	12.323	3500	3509	3510	rBV5	2905	3015	0.00%	0.002%
78	12.352	3513	3518	3527	rVV3	11951	17458	0.02%	0.013%
79	12.403	3527	3534	3546	rVB	13997	20209	0.02%	0.015%
80	12.493	3555	3562	3569	rBV6	2994	4509	0.00%	0.003%
81	12.525	3569	3572	3577	rVB3	654	442	0.00%	0.000%
82	12.554	3579	3581	3585	rBV2	592	482	0.00%	0.000%
83	12.583	3585	3590	3596	rVB3	1305	1472	0.00%	0.001%
84	12.625	3596	3603	3605	rBV4	2274	2132	0.00%	0.002%
85	12.667	3610	3616	3631	rVB5	2265	3780	0.00%	0.003%
86	12.738	3632	3638	3642	rBV4	720	818	0.00%	0.001%
87	12.818	3645	3663	3674	rBV2	25002	40606	0.04%	0.030%
88	12.889	3683	3685	3693	rVB5	1317	1252	0.00%	0.001%
89	12.947	3696	3703	3708	rBV2	980	1351	0.00%	0.001%
90	12.982	3708	3714	3728	rVB4	2845	3997	0.00%	0.003%
91	13.110	3750	3754	3758	rVB2	459	421	0.00%	0.000%
92	13.210	3778	3785	3792	rBV6	1745	2481	0.00%	0.002%
93	13.281	3798	3807	3810	rBV2	863	1129	0.00%	0.001%
94	13.339	3822	3825	3829	rVB3	334	313	0.00%	0.000%
95	13.445	3848	3858	3879	rVB	6589	12058	0.01%	0.009%
96	14.323	4128	4131	4135	rBV3	305	289	0.00%	0.000%
97	14.409	4152	4158	4164	rVB3	468	505	0.00%	0.000%
98	14.914	4310	4315	4318	rBV4	245	257	0.00%	0.000%
99	15.265	4422	4424	4430	rVB2	435	233	0.00%	0.000%
100	15.467	4482	4487	4489	rBV2	522	362	0.00%	0.000%

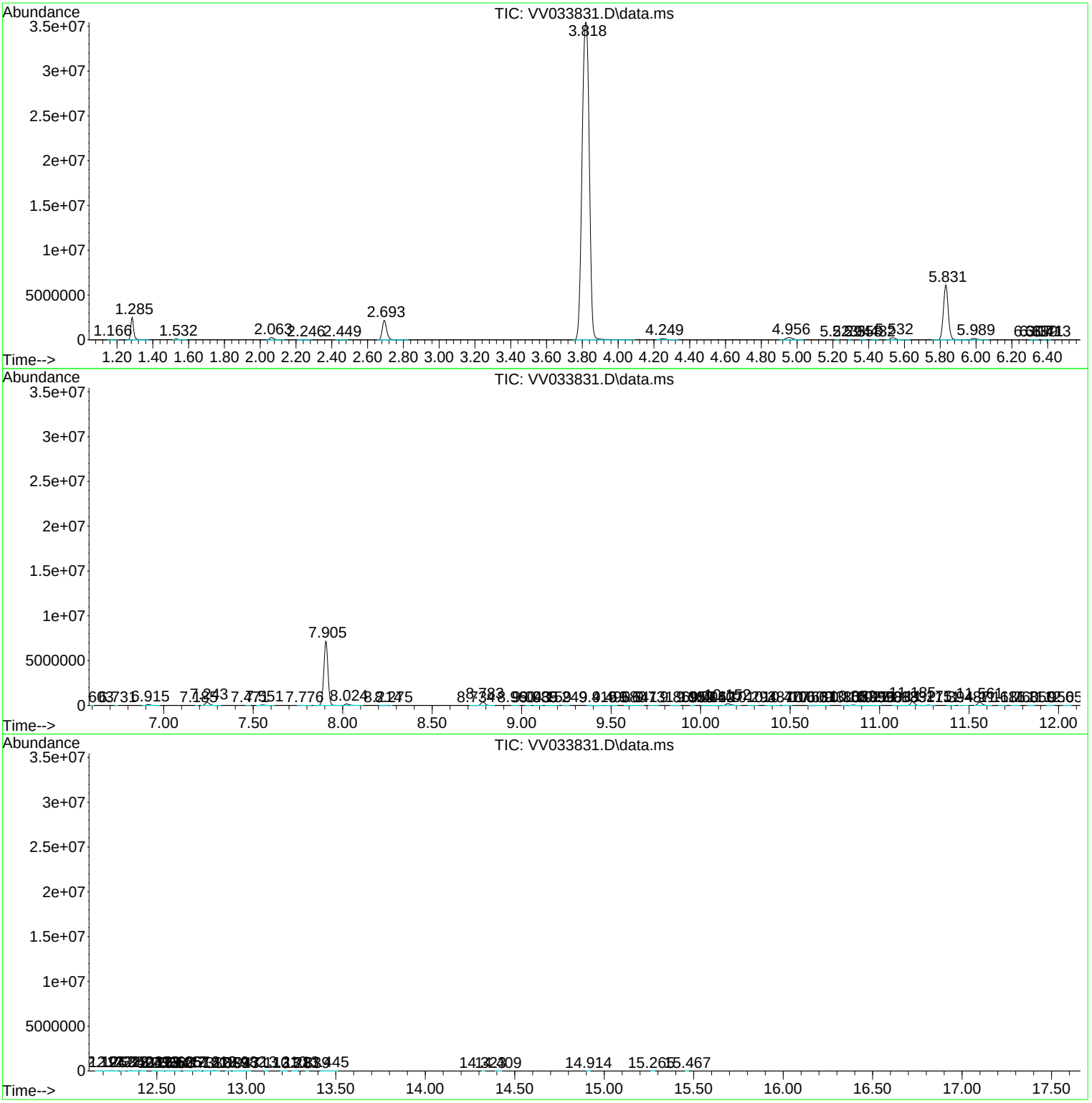
Sum of corrected areas: 135211678

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

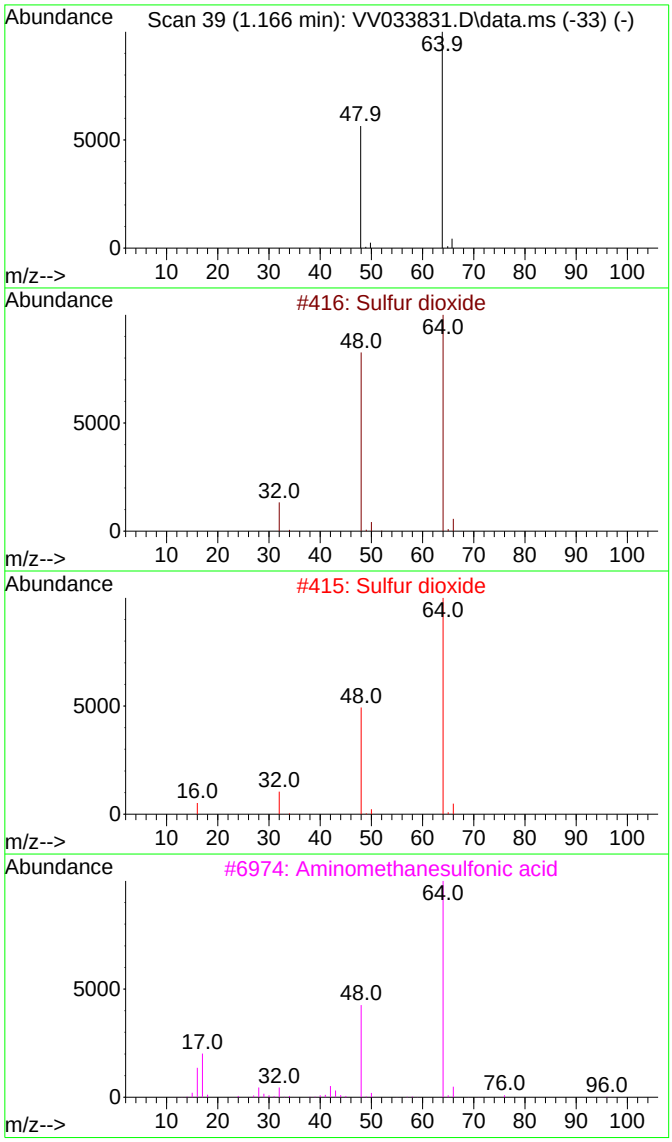
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

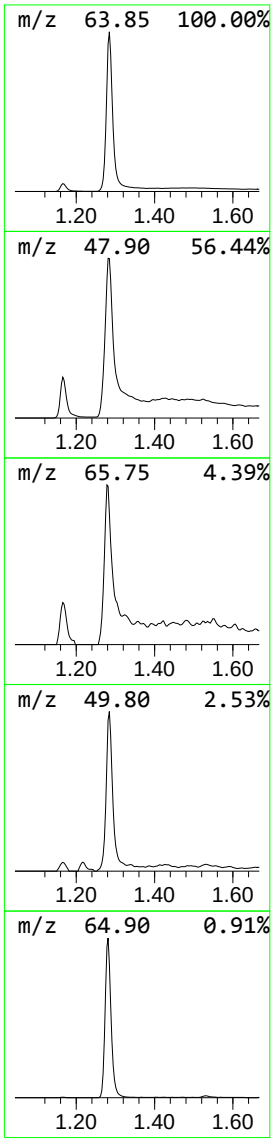
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	4.27 ug/L	43132	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

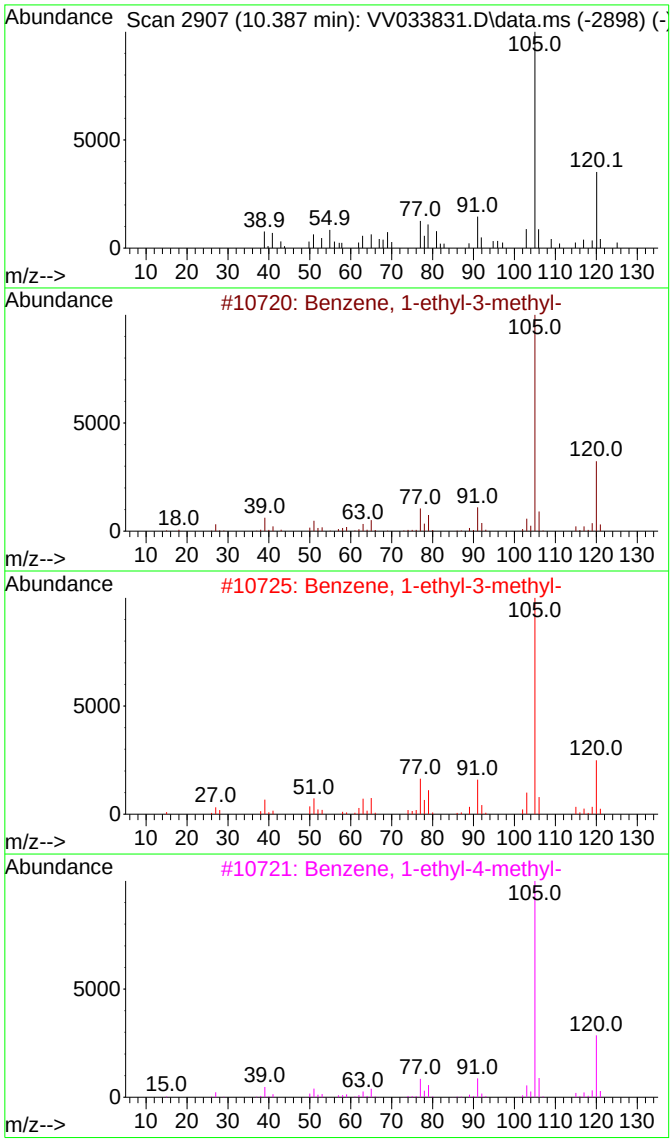
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

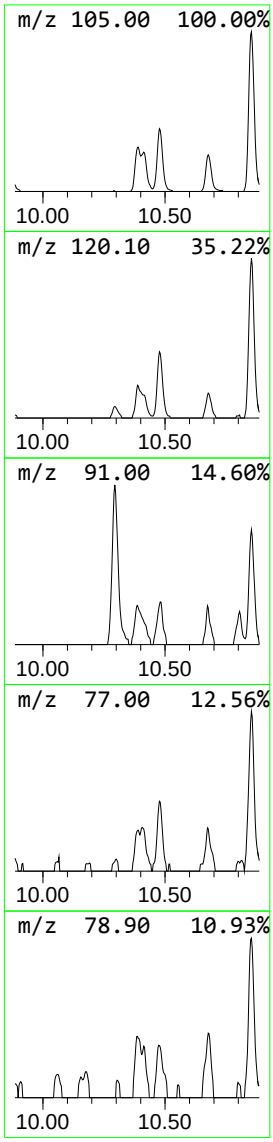
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	3.14 ug/L	42041	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

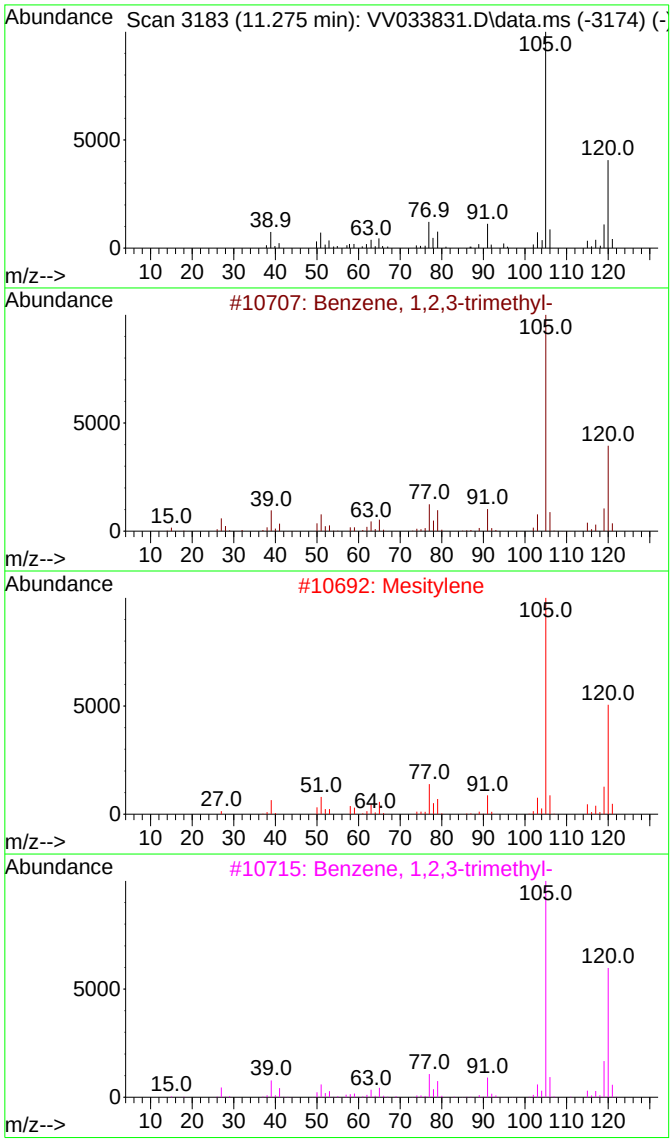
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

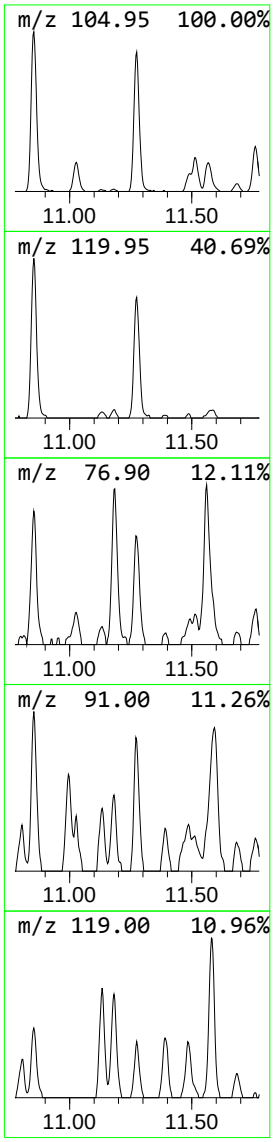
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	5.02 ug/L	67094	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

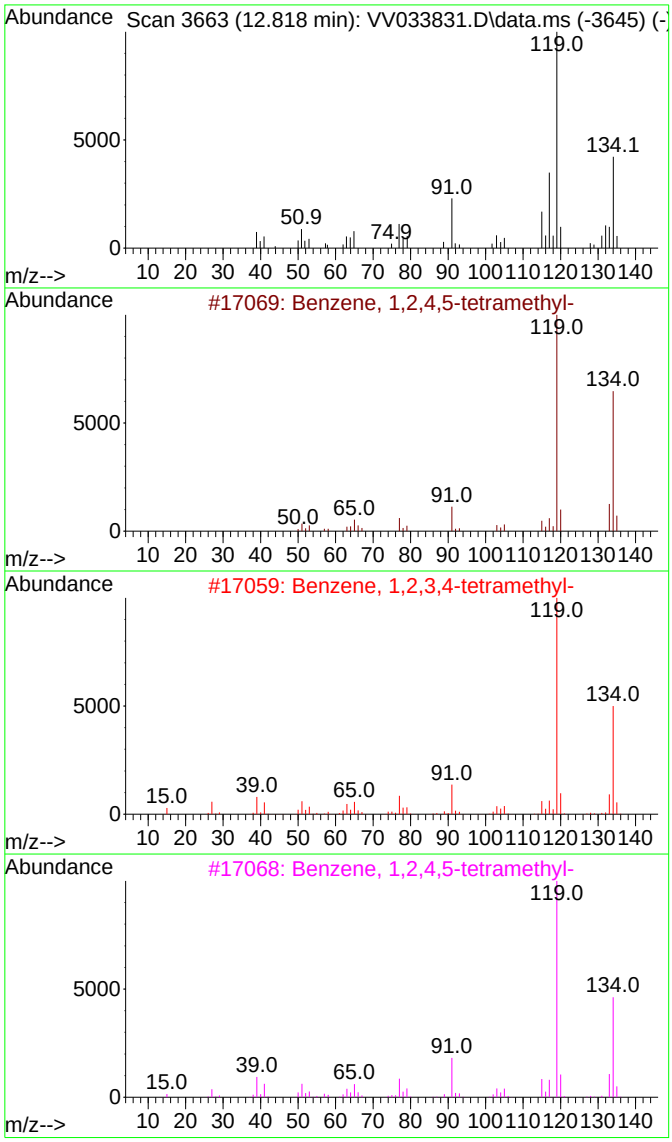
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

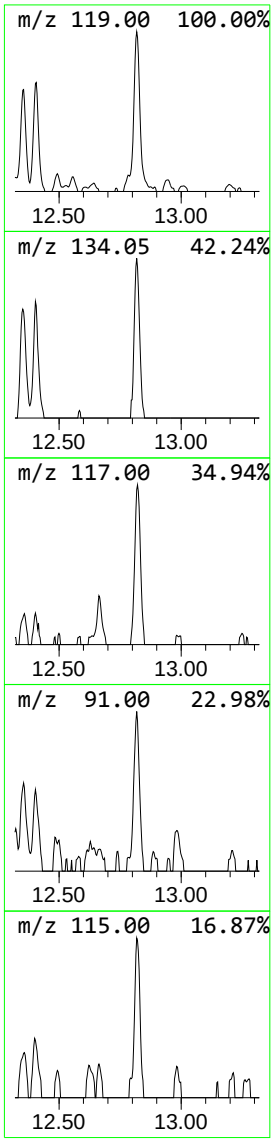
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	3.04 ug/L	40606	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	o-Cymene	134	C10H14	000527-84-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033831.D
Acq On : 23 Jan 2024 15:35
Operator : SY/MD
Sample : P1191-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.166	4.3	ug/L	43132	1	5.535	505413	50.0
Benzene, 1-ethy...	10.387	3.1	ug/L	42041	3	11.185	668588	50.0
Benzene, 1,2,3-...	11.275	5.0	ug/L	67094	3	11.185	668588	50.0
Benzene, 1,2,4,...	12.818	3.0	ug/L	40606	3	11.185	668588	50.0