LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037627.D
Acq On : 27 Sep 2024 23:10
Operator : SY/MD
Sample : P4185-04DL 100X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : EY078DL

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\SFAMVLM092624WMA.M
Title : VOC Analysis

Signal : TIC: VV037627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.179	36	43	51	rBV	9151	16289	0.71%	0.084%
2	1.281	67	75	94	rBV2	486235	542756	23.81%	2.782%
3	1.532	145	153	168	rVB	261976	310649	13.63%	1.592%
4	2.060	306	317	335	rBV	525123	764029	33.51%	3.917%
5	3.105	628	642	669	rVB	833944	1738184	76.24%	8.910%
6	3.259	687	690	692	rBV2	846	533	0.02%	0.003%
7	3.494	757	763	768	rBV6	1127	1202	0.05%	0.006%
8	3.564	781	785	791	rVV5	767	900	0.04%	0.005%
9	3.613	796	800	802	rVV3	549	527	0.02%	0.003%
10	3.651	807	812	814	rBV4	997	1030	0.05%	0.005%
11	3.664	814	816	819	rVB3	1032	581	0.03%	0.003%
12	3.687	819	823	828	rBV4	727	784	0.03%	0.004%
13	3.805	848	860	891	rBV3	160506	515164	22.60%	2.641%
14	4.243	979	996	1025	rBV2	376754	962611	42.22%	4.935%
15	4.503	1068	1077	1081	rBV6	5211	7671	0.34%	0.039%
16	4.838	1177	1181	1183	rBV3	704	473	0.02%	0.002%
17	4.950	1200	1216	1251	rBV2	886695	2279843	100.00%	11.687%
18	5.384	1348	1351	1354	rVB2	817	470	0.02%	0.002%
19	5.413	1357	1360	1365	rVB3	963	766	0.03%	0.004%
20	5.445	1365	1370	1372	rBV3	1083	935	0.04%	0.005%
21	5.529	1383	1396	1433	rBV	638560	1343694	58.94%	6.888%
22	5.834	1481	1491	1508	rVB8	8111	19212	0.84%	0.098%
23	5.985	1524	1538	1566	rVV	512525	1064034	46.67%	5.455%
24	6.198	1601	1604	1609	rVB5	1287	1030	0.05%	0.005%
25	6.268	1624	1626	1632	rVB6	1023	734	0.03%	0.004%
26	6.297	1633	1635	1639	rVB6	927	550	0.02%	0.003%
27	6.365	1654	1656	1660	rVB4	848	562	0.02%	0.003%
28	6.458	1680	1685	1688	rBV5	1115	1031	0.05%	0.005%
29	6.497	1693	1697	1700	rVV4	963	610	0.03%	0.003%
30	6.654	1740	1746	1750	rBV4	626	559	0.02%	0.003%
31	6.680	1750	1754	1758	rBV3	758	520	0.02%	0.003%
32	6.725	1765	1768	1772	rVB3	775	611	0.03%	0.003%
33	6.760	1774	1779	1780	rBV4	769	681	0.03%	0.003%
34	6.799	1788	1791	1794	rVB4	730	469	0.02%	0.002%
35	6.831	1798	1801	1804	rBV3	688	620	0.03%	0.003%
36	6.911	1815	1826	1850	rBV	246269	478082	20.97%	2.451%

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Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078DL

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\SFAMVLM092624WMA.M
Title : VOC Analysis

37	7.239	1917	1928	1946	rVV	973211	1726803	75.74%	8.852%
38	7.320	1947	1953	1976	rVB	59182	128665	5.64%	0.660%
39	7.551	2015	2025	2061	rBV	165820	319984	14.04%	1.640%
40	8.024	2164	2172	2210	rBV2	273403	615257	26.99%	3.154%
41	8.365	2276	2278	2280	rBV3	932	492	0.02%	0.003%
42	8.593	2344	2349	2353	rVB5	929	953	0.04%	0.005%
43	8.696	2376	2381	2385	rBV5	900	838	0.04%	0.004%
44	8.735	2389	2393	2394	rBV3	735	519	0.02%	0.003%
45	8.780	2394	2407	2431	rBV	979796	1637369	71.82%	8.394%
46	8.950	2451	2460	2473	rBV2	29556	54099	2.37%	0.277%
47	9.075	2489	2499	2512	rBV	51993	95309	4.18%	0.489%
48	9.252	2550	2554	2558	rVB5	1036	949	0.04%	0.005%
49	9.358	2582	2587	2588	rBV3	671	617	0.03%	0.003%
50	9.400	2596	2600	2602	rBV3	798	718	0.03%	0.004%
51	9.477	2612	2624	2645	rBV2	61903	113207	4.97%	0.580%
52	9.638	2668	2674	2679	rVB7	1502	1980	0.09%	0.010%
53	9.735	2701	2704	2706	rBV3	693	463	0.02%	0.002%
54	9.870	2739	2746	2755	rVB5	4595	7689	0.34%	0.039%
55	9.947	2768	2770	2774	rVB2	826	534	0.02%	0.003%
56	10.059	2800	2805	2808	rVB3	842	747	0.03%	0.004%
57	10.146	2813	2832	2854	rBV	602304	952680	41.79%	4.884%
58	10.288	2868	2876	2893	rVB2	11697	22130	0.97%	0.113%
59	10.352	2893	2896	2897	rBV2	1054	648	0.03%	0.003%
60	10.384	2897	2906	2926	rVV	39773	91731	4.02%	0.470%
61	10.477	2927	2935	2950	rVB	20370	32725	1.44%	0.168%
62	10.673	2980	2996	3008	rBV	34574	60992	2.68%	0.313%
63	10.847	3040	3050	3068	rBV	130136	209899	9.21%	1.076%
64	11.024	3101	3105	3106	rBV2	841	599	0.03%	0.003%
65	11.127	3130	3137	3143	rBV6	3176	4446	0.20%	0.023%
66	11.178	3143	3153	3173	rVV	961773	1541461	67.61%	7.902%
67	11.268	3174	3181	3199	rVB	64428	112112	4.92%	0.575%
68	11.464	3231	3242	3254	rBV	20273	36304	1.59%	0.186%
69	11.554	3259	3270	3301	rVB	1006216	1617088	70.93%	8.290%
70	11.808	3347	3349	3354	rVB4	768	501	0.02%	0.003%
71	11.853	3354	3363	3365	rBV6	4502	5901	0.26%	0.030%
72	11.956	3387	3395	3405	rBV10	3918	9209	0.40%	0.047%
73	12.056	3420	3426	3428	rBV4	2861	2525	0.11%	0.013%
74	12.172	3460	3462	3466	rVB2	862	526	0.02%	0.003%
75	12.236	3478	3482	3484	rVV4	755	536	0.02%	0.003%
76	12.259	3484	3489	3496	rVB7	2330	2373	0.10%	0.012%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078DL

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_V\Method\SFAMVLM092624WMA.M
Title : VOC Analysis

77	12.352	3513	3518	3520	rBV3	1805	1651	0.07%	0.008%
78	12.406	3528	3535	3543	rBV8	3496	5218	0.23%	0.027%
79	12.689	3621	3623	3631	rVB4	907	896	0.04%	0.005%
80	12.818	3653	3663	3671	rBV9	5862	9723	0.43%	0.050%
81	12.985	3709	3715	3720	rVB6	1869	2091	0.09%	0.011%
82	13.024	3721	3727	3729	rBV6	1051	860	0.04%	0.004%
83	13.037	3729	3731	3735	rVB	1046	519	0.02%	0.003%
84	13.339	3822	3825	3827	rBV3	639	475	0.02%	0.002%
85	13.451	3855	3860	3868	rBV5	4001	6307	0.28%	0.032%
86	13.580	3897	3900	3903	rBV3	744	645	0.03%	0.003%
87	13.683	3930	3932	3936	rVB5	919	575	0.03%	0.003%
88	13.744	3947	3951	3953	rBV4	1040	706	0.03%	0.004%
89	13.812	3970	3972	3976	rVB4	867	641	0.03%	0.003%
90	13.892	3993	3997	3998	rBV3	1034	773	0.03%	0.004%
91	13.924	4005	4007	4012	rBV4	618	484	0.02%	0.002%
92	14.085	4052	4057	4059	rBV4	821	769	0.03%	0.004%
93	14.136	4070	4073	4075	rBV4	809	554	0.02%	0.003%
94	14.210	4092	4096	4097	rBV2	852	533	0.02%	0.003%
95	14.275	4113	4116	4121	rBV6	660	685	0.03%	0.004%
96	14.439	4164	4167	4171	rVB4	797	627	0.03%	0.003%
97	14.484	4178	4181	4184	rBV3	885	726	0.03%	0.004%
98	14.606	4217	4219	4223	rBV4	688	538	0.02%	0.003%
99	15.284	4428	4430	4433	rBV5	924	682	0.03%	0.003%
100	15.467	4485	4487	4489	rBV2	1302	702	0.03%	0.004%

Sum of corrected areas: 19507354

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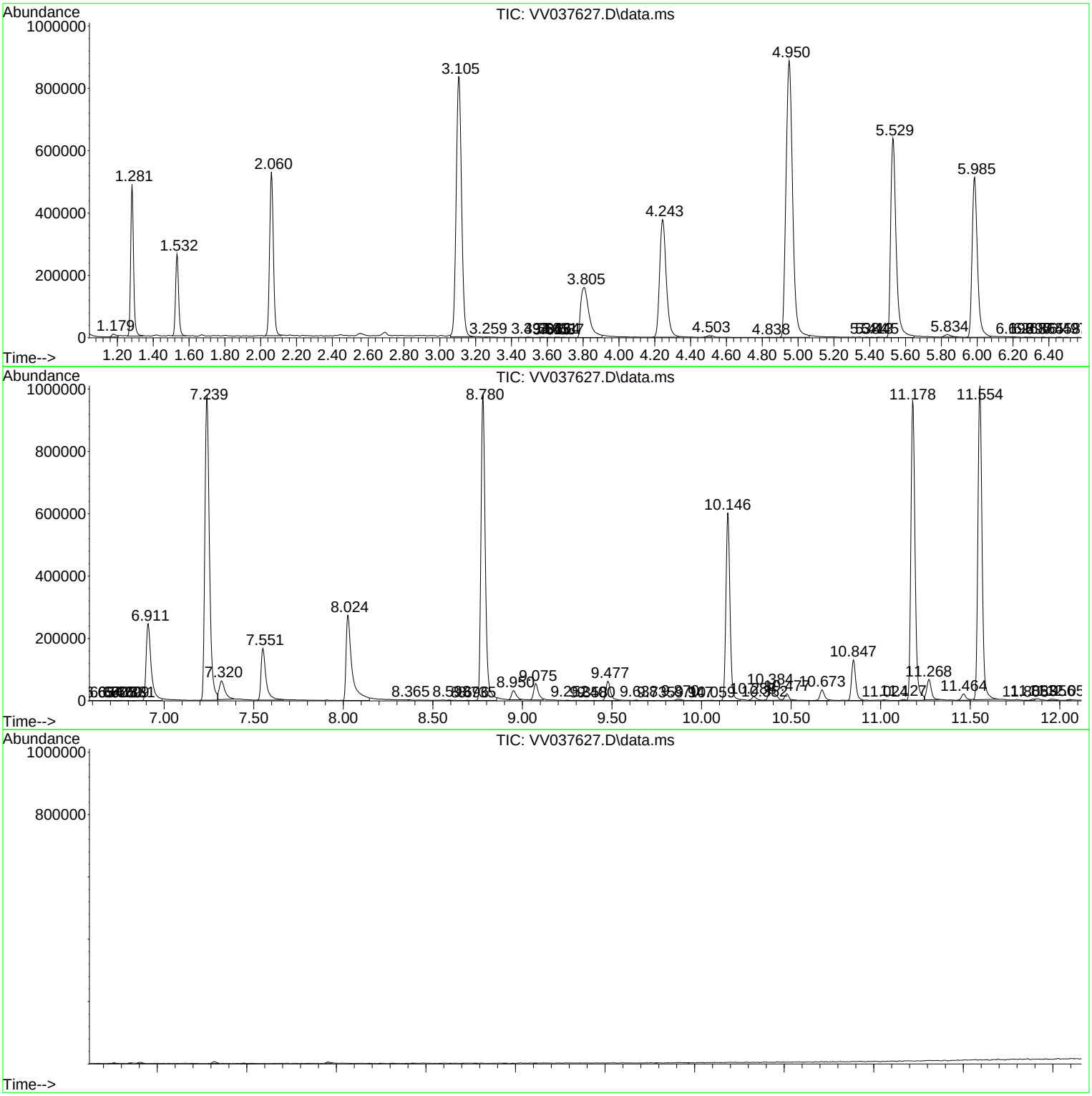
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_V
ClientSampleId :
EY078DL

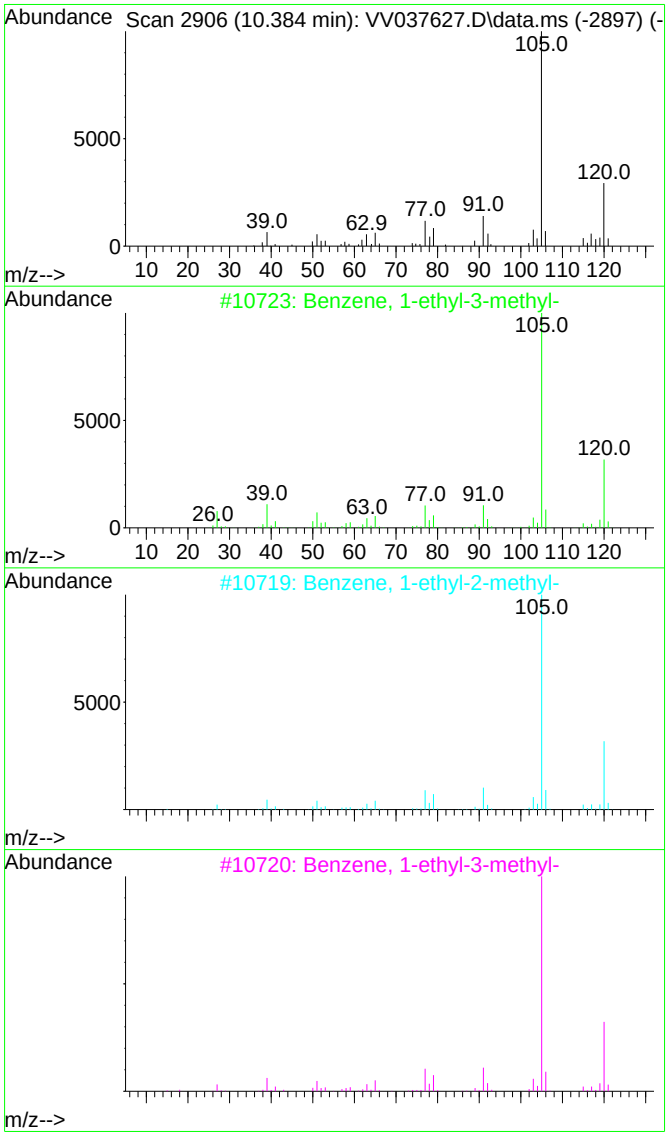
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

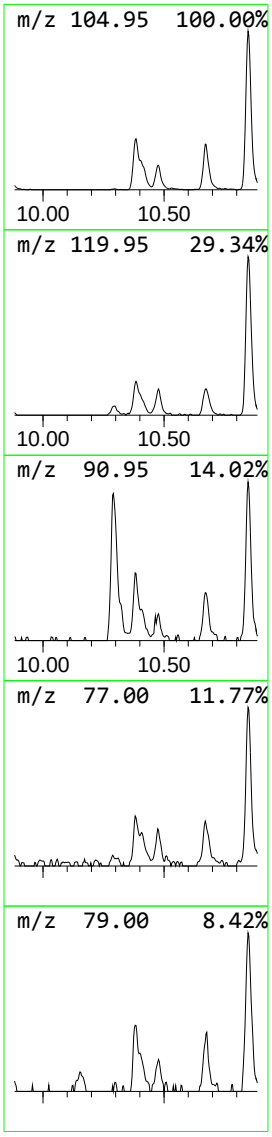
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	2.98 ug/L	91731	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY078DL

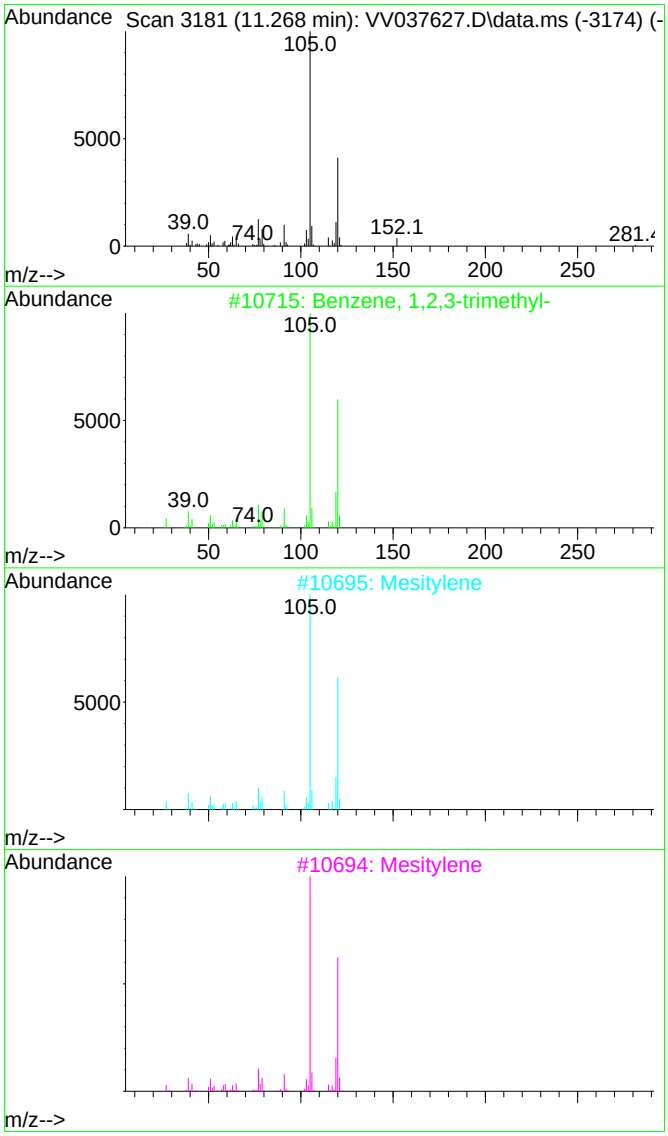
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

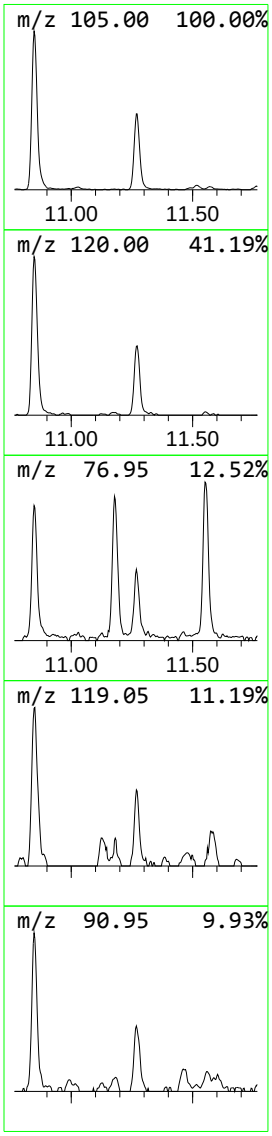
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	3.64 ug/L	112112	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.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
Benzene, 1-ethy...	10.384	3.0	ug/L	91731	3	11.178	1541460	50.0
Benzene, 1,2,3-...	11.268	3.6	ug/L	112112	3	11.178	1541460	50.0