LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
Operator : SY/MD
Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

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: VV037585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	11	14	23	rVB6	4828	5938	0.10%	0.019%
2	1.175	34	42	52	rBV	21643	43317	0.71%	0.142%
3	1.285	67	76	94	rBV2	1996243	2224436	36.35%	7.291%
4	1.548	145	158	187	rVB	4915005	6119015	100.00%	20.055%
5	2.059	307	317	330	rBV	597610	861057	14.07%	2.822%
6	2.204	354	362	380	rVB3	35388	77239	1.26%	0.253%
7	2.445	429	437	450	rVB	51163	80353	1.31%	0.263%
8	2.564	466	474	490	rVB2	16760	35294	0.58%	0.116%
9	2.690	505	513	526	rVB	64406	107084	1.75%	0.351%
10	3.104	628	642	665	rVB	865425	1786796	29.20%	5.856%
11	3.413	734	738	741	rBV4	800	753	0.01%	0.002%
12	3.432	741	744	747	rVB3	865	618	0.01%	0.002%
13	3.542	773	778	782	rVB5	689	663	0.01%	0.002%
14	3.667	813	817	821	rVV3	751	756	0.01%	0.002%
15	3.715	826	832	835	rBV5	1802	2159	0.04%	0.007%
16	3.741	837	840	845	rVB5	2182	1863	0.03%	0.006%
17	3.805	847	860	890	rBV2	297491	847608	13.85%	2.778%
18	4.243	980	996	1025	rBV	400106	1003773	16.40%	3.290%
19	4.503	1065	1077	1082	rBV5	7319	12714	0.21%	0.042%
20	4.577	1096	1100	1106	rVB5	1988	2385	0.04%	0.008%
21	4.757	1153	1156	1163	rVB5	691	674	0.01%	0.002%
22	4.828	1176	1178	1184	rVB3	1122	1021	0.02%	0.003%
23	4.892	1193	1198	1200	rBV2	852	738	0.01%	0.002%
24	4.950	1200	1216	1238	rBV2	966658	2443196	39.93%	8.008%
25	5.339	1335	1337	1341	rVB4	875	623	0.01%	0.002%
26	5.394	1352	1354	1360	rVB5	1016	718	0.01%	0.002%
27	5.477	1372	1380	1385	rBV3	4217	7436	0.12%	0.024%
28	5.529	1385	1396	1432	rVV	708155	1453951	23.76%	4.765%
29	5.837	1485	1492	1509	rVB	8458	21614	0.35%	0.071%
30	5.899	1509	1511	1517	rVB7	1755	1448	0.02%	0.005%
31	5.985	1525	1538	1572	rBV	532458	1131968	18.50%	3.710%
32	6.339	1644	1648	1654	rBV8	730	953	0.02%	0.003%
33	6.461	1682	1686	1687	rBV3	1293	720	0.01%	0.002%
34	6.509	1690	1701	1719	rBV2	17263	37522	0.61%	0.123%
35	6.725	1755	1768	1780	rVB6	5862	12573	0.21%	0.041%
36	6.908	1815	1825	1851	rBV	266372	512693	8.38%	1.680%

LSC Area Percent Report

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Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

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	1916	1928	1951	rBV	1116574	1972995	32.24%	6.467%
38	7.551	2016	2025	2048	rBV	171236	323451	5.29%	1.060%
39	7.873	2115	2125	2135	rBV3	10833	21306	0.35%	0.070%
40	8.024	2160	2172	2193	rBV	336822	696217	11.38%	2.282%
41	8.458	2302	2307	2308	rBV4	993	808	0.01%	0.003%
42	8.487	2308	2316	2323	rVV7	3229	5266	0.09%	0.017%
43	8.519	2323	2326	2329	rBV4	1696	1409	0.02%	0.005%
44	8.664	2362	2371	2388	rVB2	9664	18516	0.30%	0.061%
45	8.779	2390	2407	2433	rBV	1114422	1850361	30.24%	6.065%
46	8.943	2449	2458	2480	rBV	182487	308261	5.04%	1.010%
47	9.066	2488	2496	2516	rVB7	12815	34530	0.56%	0.113%
48	9.233	2545	2548	2552	rBV5	1268	966	0.02%	0.003%
49	9.278	2560	2562	2570	rVB5	933	943	0.02%	0.003%
50	9.355	2581	2586	2587	rBV4	1745	1464	0.02%	0.005%
51	9.397	2597	2599	2603	rVB4	1333	810	0.01%	0.003%
52	9.445	2608	2614	2615	rVV4	1021	832	0.01%	0.003%
53	9.480	2615	2625	2642	rVB	32507	59330	0.97%	0.194%
54	9.599	2659	2662	2664	rBV3	817	593	0.01%	0.002%
55	9.638	2667	2674	2678	rVB9	1724	2079	0.03%	0.007%
56	9.741	2700	2706	2709	rBV4	1165	1353	0.02%	0.004%
57	9.863	2735	2744	2755	rBV2	38262	65627	1.07%	0.215%
58	10.021	2783	2793	2796	rBV8	6044	10113	0.17%	0.033%
59	10.146	2821	2832	2861	rBV	642265	1018795	16.65%	3.339%
60	10.287	2866	2876	2895	rVB	63351	122969	2.01%	0.403%
61	10.384	2898	2906	2920	rBV2	26729	46191	0.75%	0.151%
62	10.670	2975	2995	3017	rBV	221364	381457	6.23%	1.250%
63	10.847	3038	3050	3066	rBV	121851	207288	3.39%	0.679%
64	10.943	3075	3080	3089	rVB4	12642	17799	0.29%	0.058%
65	11.178	3143	3153	3174	rBV	1177030	1814372	29.65%	5.947%
66	11.268	3174	3181	3191	rVB2	50571	80697	1.32%	0.264%
67	11.329	3193	3200	3211	rVB2	23812	39404	0.64%	0.129%
68	11.458	3232	3240	3250	rBV	139354	218986	3.58%	0.718%
69	11.554	3261	3270	3298	rVB	1193875	2026615	33.12%	6.642%
70	11.853	3353	3363	3380	rVB5	36364	85445	1.40%	0.280%
71	11.950	3387	3393	3411	rVB2	16634	34560	0.56%	0.113%
72	12.049	3418	3424	3430	rBV	9268	12882	0.21%	0.042%
73	12.310	3502	3505	3507	rBV3	1393	936	0.02%	0.003%
74	12.348	3510	3517	3525	rVV4	7399	12234	0.20%	0.040%
75	12.400	3526	3533	3546	rVB3	12458	20402	0.33%	0.067%
76	12.471	3552	3555	3557	rBV4	1506	946	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
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Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

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

77	12.602	3591	3596	3597	rBV5	1619	1500	0.02%	0.005%
78	12.648	3604	3610	3612	rBV6	2383	2517	0.04%	0.008%
79	12.721	3628	3633	3634	rBV4	1624	1176	0.02%	0.004%
80	12.741	3638	3639	3643	rVV3	1709	1023	0.02%	0.003%
81	12.818	3647	3663	3675	rVV3	17320	30949	0.51%	0.101%
82	12.882	3675	3683	3697	rVV6	11406	18209	0.30%	0.060%
83	12.982	3706	3714	3721	rVB5	7739	11166	0.18%	0.037%
84	13.072	3737	3742	3743	rBV4	1130	905	0.01%	0.003%
85	13.088	3743	3747	3748	rBV4	1299	865	0.01%	0.003%
86	13.156	3759	3768	3772	rBV8	5205	6872	0.11%	0.023%
87	13.204	3777	3783	3784	rBV4	2636	2559	0.04%	0.008%
88	13.329	3820	3822	3827	rVB5	1543	1121	0.02%	0.004%
89	13.442	3845	3857	3874	rBV2	24492	53546	0.88%	0.175%
90	14.024	4036	4038	4041	rVB3	1374	767	0.01%	0.003%
91	14.088	4055	4058	4060	rBV3	1181	740	0.01%	0.002%
92	14.393	4150	4153	4158	rVB6	1149	881	0.01%	0.003%
93	14.509	4185	4189	4191	rBV3	926	863	0.01%	0.003%
94	14.580	4206	4211	4214	rBV5	2213	2230	0.04%	0.007%
95	14.696	4242	4247	4251	rBV6	1502	1963	0.03%	0.006%
96	14.750	4259	4264	4265	rBV4	1599	1375	0.02%	0.005%
97	14.869	4299	4301	4306	rBV5	920	697	0.01%	0.002%
98	15.387	4459	4462	4464	rBV3	1791	1031	0.02%	0.003%
99	15.522	4501	4504	4507	rBV5	1710	1210	0.02%	0.004%
100	16.114	4683	4688	4694	rBV9	4254	5953	0.10%	0.020%

Sum of corrected areas: 30510995

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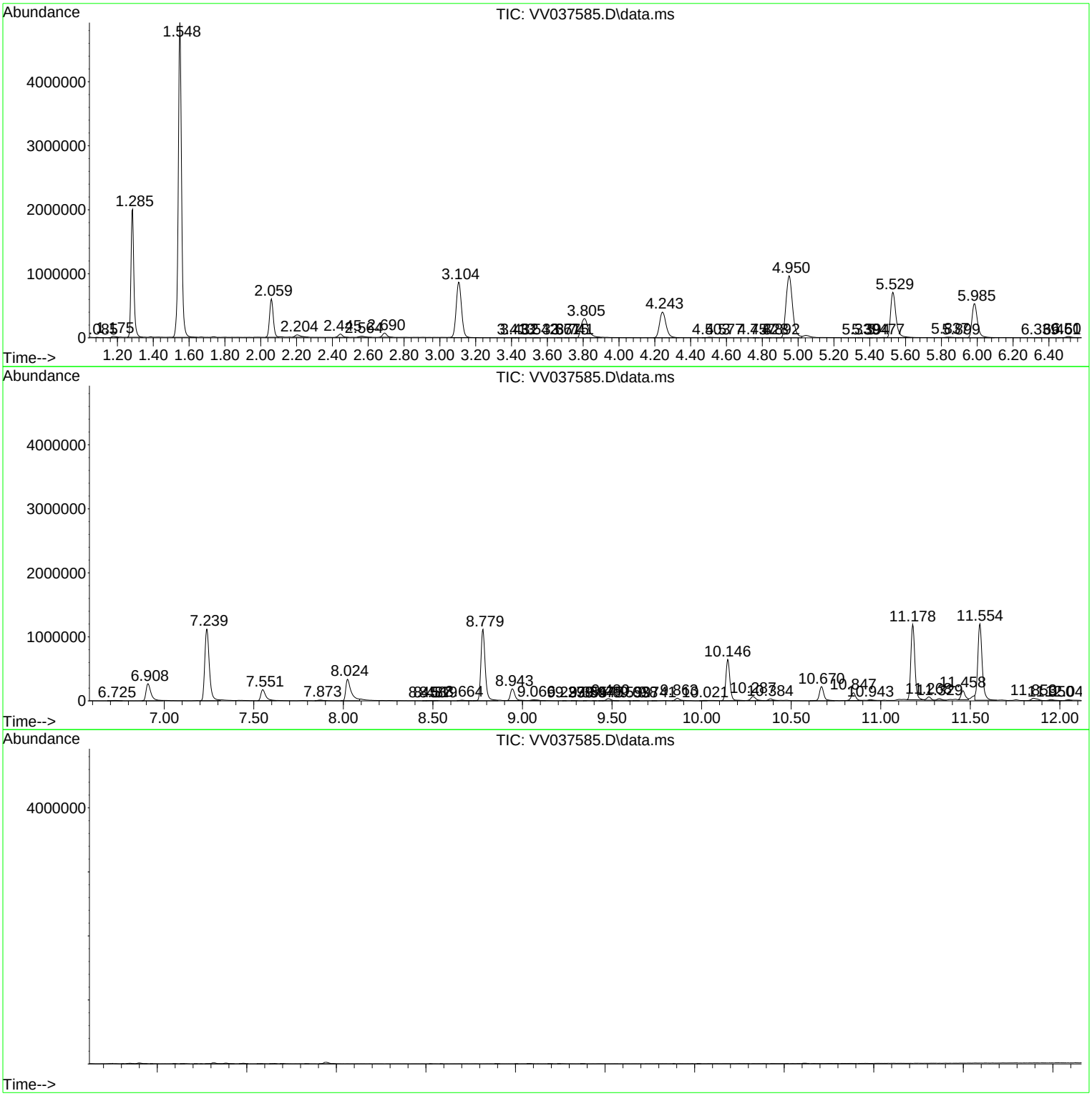
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
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MSVOA_V
ClientSampleId :
EY061

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

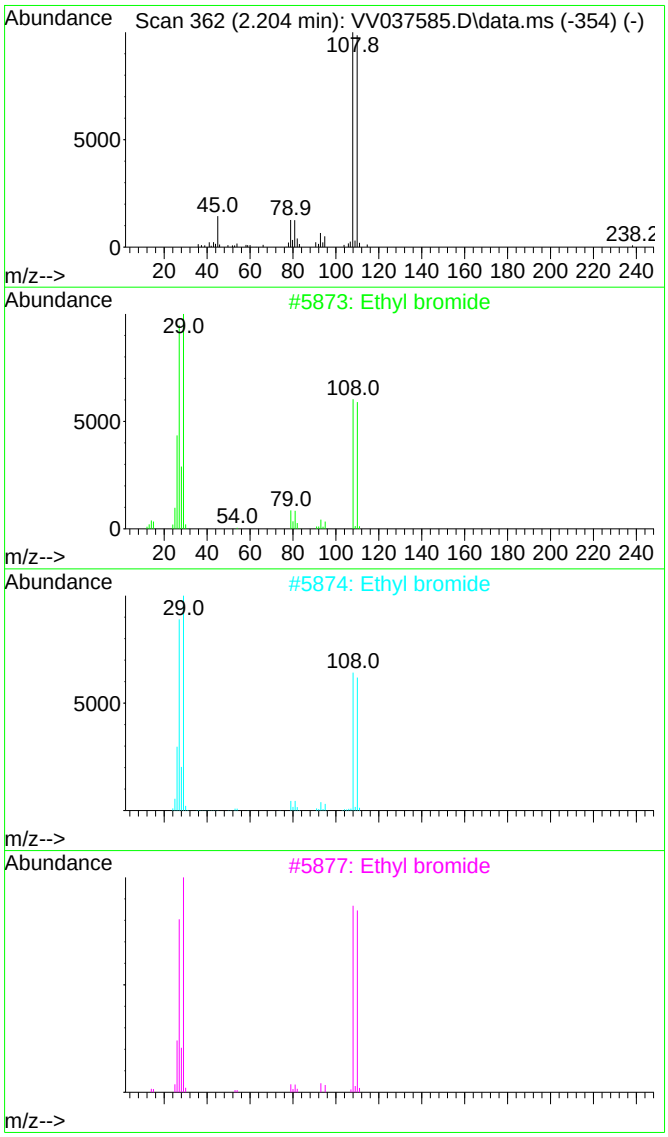
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

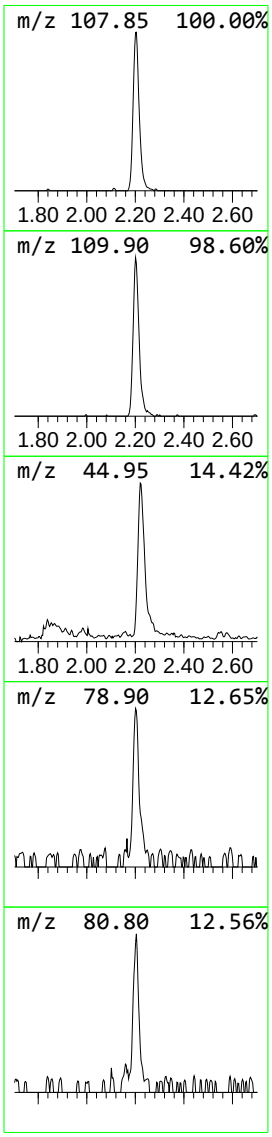
****

Peak Number 1 Ethyl bromide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.204	2.66 ug/L	77239	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl bromide	108	C2H5Br	000074-96-4	86
2	Ethyl bromide	108	C2H5Br	000074-96-4	86
3	Ethyl bromide	108	C2H5Br	000074-96-4	80
4	Ethyl bromide	108	C2H5Br	000074-96-4	72
5	Ethyl bromide	108	C2H5Br	000074-96-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
Operator : SY/MD
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Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

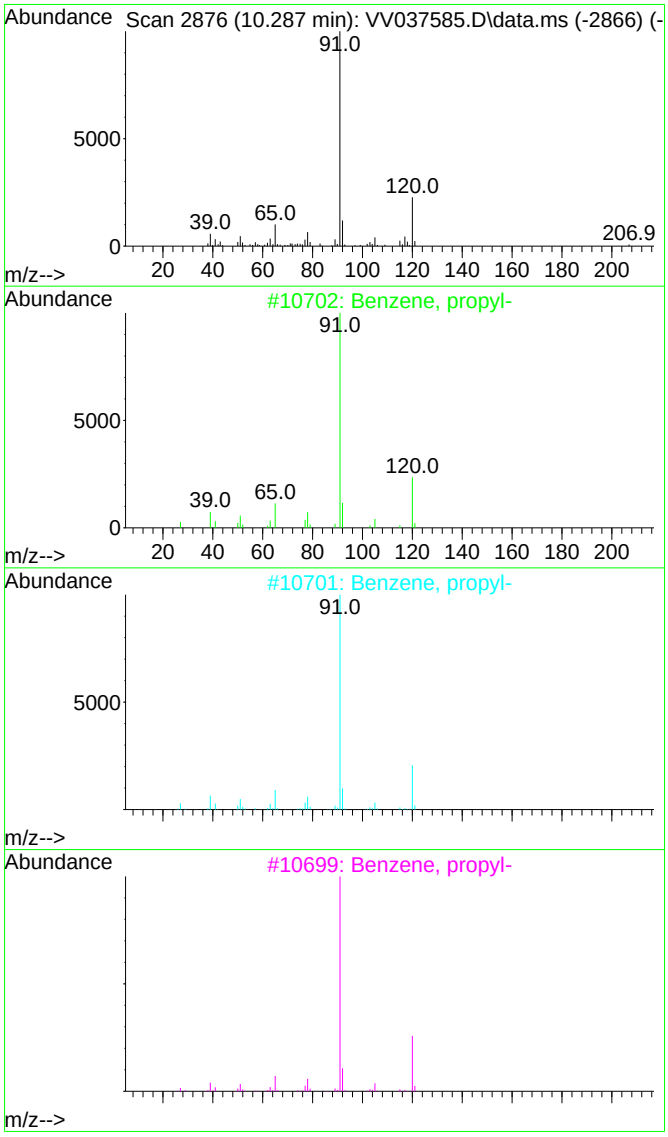
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

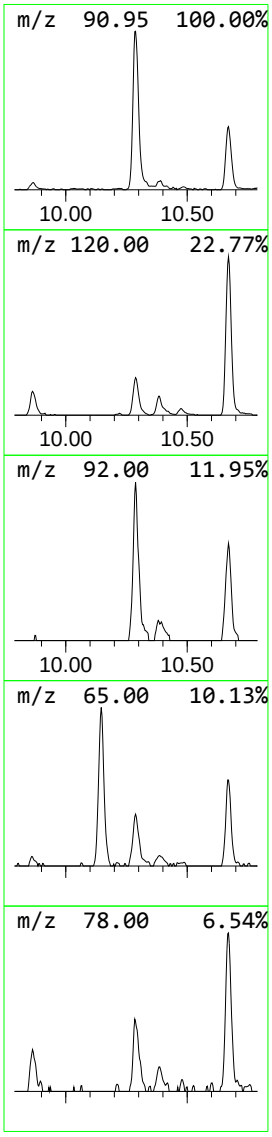
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.288	3.39 ug/L	122969	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

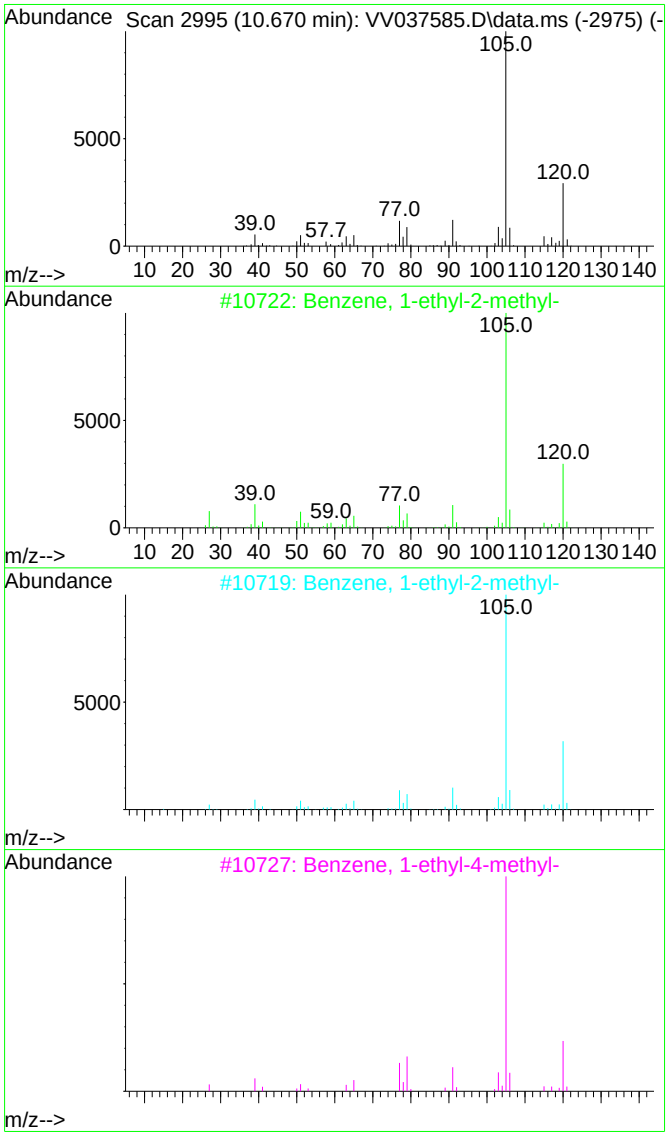
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

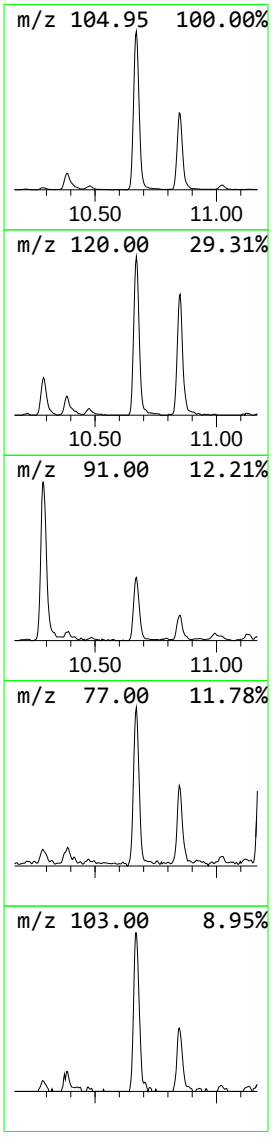
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	10.51 ug/L	381457	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

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

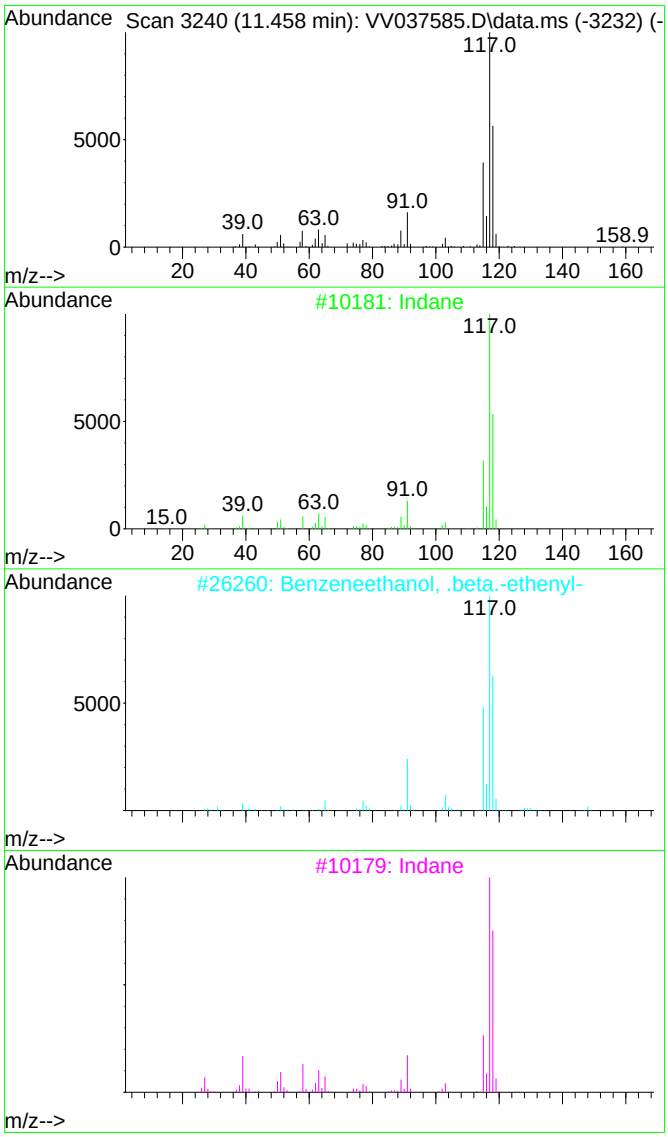
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

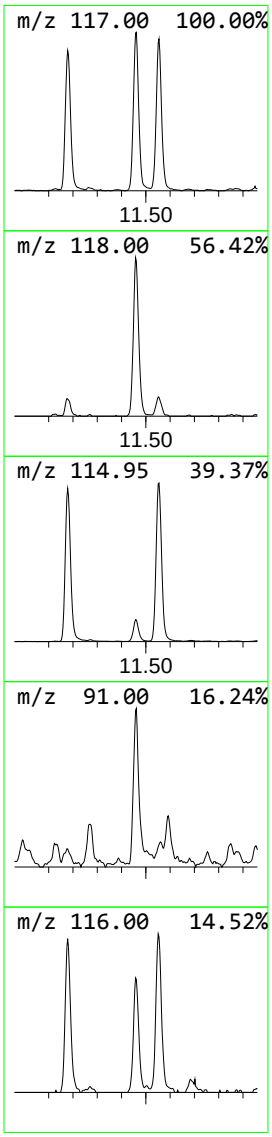
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.458	6.03 ug/L	218986	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	90
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
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Operator : SY/MD
Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY061

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
Ethyl bromide	2.204	2.7	ug/L	77239	1	5.529	1453950	50.0
Benzene, propyl-	10.288	3.4	ug/L	122969	3	11.178	1814370	50.0
Benzene, 1-ethy...	10.670	10.5	ug/L	381457	3	11.178	1814370	50.0
Indane	11.458	6.0	ug/L	218986	3	11.178	1814370	50.0