LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

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: VV037596.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.175	34	42	52	rBV	15483	26744	0.09%	0.034%
2	1.281	67	75	92	rBV2	732357	817267	2.81%	1.048%
3	1.535	145	154	155	rBV	313188	310596	1.07%	0.398%
4	1.667	189	195	203	rBV	16806	21766	0.07%	0.028%
5	2.060	307	317	339	rBV3	755272	1234791	4.24%	1.584%
6	2.690	503	513	528	rBV	115271	199337	0.68%	0.256%
7	3.105	626	642	673	rVB	5779527	11772642	40.45%	15.101%
8	3.613	795	800	803	rVB3	972	744	0.00%	0.001%
9	3.654	803	813	814	rBV5	2650	2952	0.01%	0.004%
10	3.806	843	860	912	rBV	12547033	29104355	100.00%	37.333%
11	4.243	981	996	1028	rVB	392526	1002051	3.44%	1.285%
12	4.503	1056	1077	1110	rBV	4130911	10489397	36.04%	13.455%
13	4.831	1176	1179	1182	rBV4	1256	820	0.00%	0.001%
14	4.950	1200	1216	1240	rBV2	966733	2478456	8.52%	3.179%
15	5.301	1321	1325	1331	rBV7	1045	996	0.00%	0.001%
16	5.333	1331	1335	1339	rVB6	746	843	0.00%	0.001%
17	5.529	1385	1396	1424	rBV	696874	1416937	4.87%	1.818%
18	5.738	1458	1461	1465	rVB6	1358	935	0.00%	0.001%
19	5.831	1478	1490	1518	rBV3	158872	344045	1.18%	0.441%
20	5.985	1526	1538	1572	rVB	537819	1122537	3.86%	1.440%
21	6.259	1618	1623	1625	rBV5	768	686	0.00%	0.001%
22	6.458	1680	1685	1689	rBV6	890	931	0.00%	0.001%
23	6.609	1729	1732	1737	rVB4	950	864	0.00%	0.001%
24	6.844	1799	1805	1812	rBV7	1723	2256	0.01%	0.003%
25	6.908	1812	1825	1852	rBV	285407	549421	1.89%	0.705%
26	7.182	1900	1910	1916	rBV	8294	15474	0.05%	0.020%
27	7.236	1917	1927	1942	rVV	1117533	1953294	6.71%	2.506%
28	7.313	1943	1951	1979	rVB	335443	625499	2.15%	0.802%
29	7.548	2013	2024	2059	rVB3	224168	449312	1.54%	0.576%
30	7.776	2088	2095	2112	rVB9	7592	17120	0.06%	0.022%
31	7.860	2117	2121	2122	rBV3	1288	992	0.00%	0.001%
32	7.902	2122	2134	2157	rVB	225938	395275	1.36%	0.507%
33	8.024	2164	2172	2208	rBV	312526	656487	2.26%	0.842%
34	8.416	2289	2294	2295	rBV3	1249	978	0.00%	0.001%
35	8.436	2297	2300	2308	rVB8	2829	3346	0.01%	0.004%
36	8.526	2323	2328	2336	rVB7	3919	5657	0.02%	0.007%

LSC Area Percent Report

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Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

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	8.596	2347	2350	2358	rVB7	3839	5253	0.02%	0.007%
38	8.654	2360	2368	2375	rBV10	3833	6034	0.02%	0.008%
39	8.780	2396	2407	2429	rBV	1070132	1788650	6.15%	2.294%
40	8.944	2449	2458	2477	rVB	133531	218747	0.75%	0.281%
41	9.069	2488	2497	2511	rBV	320264	533799	1.83%	0.685%
42	9.243	2544	2551	2561	rVB10	5667	9494	0.03%	0.012%
43	9.349	2579	2584	2586	rBV5	1813	1828	0.01%	0.002%
44	9.400	2589	2600	2610	rVV10	11524	25682	0.09%	0.033%
45	9.474	2612	2623	2647	rVV	455494	735180	2.53%	0.943%
46	9.731	2694	2703	2713	rBV5	21266	40475	0.14%	0.052%
47	9.863	2737	2744	2754	rBV2	18230	29983	0.10%	0.038%
48	9.956	2765	2773	2780	rBV2	6804	9881	0.03%	0.013%
49	10.146	2821	2832	2861	rVB	653356	1060160	3.64%	1.360%
50	10.288	2867	2876	2895	rBV	50360	101792	0.35%	0.131%
51	10.381	2895	2905	2909	rBV	230663	357537	1.23%	0.459%
52	10.471	2925	2933	2943	rBV	232159	325529	1.12%	0.418%
53	10.670	2978	2995	3014	rBV	347105	568018	1.95%	0.729%
54	10.844	3040	3049	3073	rVB	618803	956181	3.29%	1.227%
55	11.085	3118	3124	3129	rBV7	8668	12413	0.04%	0.016%
56	11.127	3130	3137	3143	rVV2	38835	57142	0.20%	0.073%
57	11.178	3143	3153	3171	rVV	1215106	1898567	6.52%	2.435%
58	11.265	3171	3180	3203	rVB	398486	645805	2.22%	0.828%
59	11.387	3214	3218	3229	rVB9	10168	14695	0.05%	0.019%
60	11.461	3231	3241	3251	rBV	172604	321278	1.10%	0.412%
61	11.554	3260	3270	3296	rVB	1232657	2121488	7.29%	2.721%
62	11.754	3327	3332	3348	rVB	45423	71300	0.24%	0.091%
63	11.853	3352	3363	3379	rBV2	174839	373965	1.28%	0.480%
64	11.950	3386	3393	3411	rVB2	67575	130063	0.45%	0.167%
65	12.050	3415	3424	3429	rBV	26253	45596	0.16%	0.058%
66	12.165	3457	3460	3461	rBV4	2814	1596	0.01%	0.002%
67	12.249	3475	3486	3497	rVB3	21088	42965	0.15%	0.055%
68	12.313	3497	3506	3510	rBV8	10354	16414	0.06%	0.021%
69	12.345	3511	3516	3524	rVV	32702	50242	0.17%	0.064%
70	12.400	3524	3533	3548	rVB	56843	92196	0.32%	0.118%
71	12.487	3553	3560	3567	rBV9	9165	13045	0.04%	0.017%
72	12.660	3609	3614	3624	rVB5	12033	17007	0.06%	0.022%
73	12.815	3654	3662	3678	rVB3	55672	91465	0.31%	0.117%
74	12.943	3693	3702	3705	rBV7	3832	5728	0.02%	0.007%
75	12.979	3706	3713	3725	rVB5	14605	25381	0.09%	0.033%
76	13.204	3776	3783	3791	rBV8	10281	15652	0.05%	0.020%

LSC Area Percent Report

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Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

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	13.332	3821	3823	3831	rVB7	3695	4294	0.01%	0.006%
78	13.381	3836	3838	3842	rBV5	1319	928	0.00%	0.001%
79	13.410	3842	3847	3848	rBV5	1765	1449	0.00%	0.002%
80	13.442	3849	3857	3868	rBV	27617	48334	0.17%	0.062%
81	13.548	3885	3890	3894	rBV6	2206	2387	0.01%	0.003%
82	13.635	3912	3917	3919	rBV4	2302	2158	0.01%	0.003%
83	13.747	3947	3952	3954	rBV7	1290	1312	0.00%	0.002%
84	13.786	3960	3964	3967	rVB4	1492	1045	0.00%	0.001%
85	13.837	3974	3980	3990	rVV10	4061	6356	0.02%	0.008%
86	13.905	3999	4001	4004	rBV3	1059	715	0.00%	0.001%
87	14.030	4031	4040	4041	rBV5	3469	3912	0.01%	0.005%
88	14.123	4064	4069	4071	rBV4	1407	1141	0.00%	0.001%
89	14.361	4139	4143	4151	rVB7	1982	2669	0.01%	0.003%
90	14.432	4163	4165	4169	rVB3	2236	1288	0.00%	0.002%
91	14.455	4169	4172	4175	rBV3	1222	905	0.00%	0.001%
92	14.561	4202	4205	4206	rBV3	1447	732	0.00%	0.001%
93	14.580	4206	4211	4221	rVB3	3777	5984	0.02%	0.008%
94	14.876	4301	4303	4306	rBV4	1233	812	0.00%	0.001%
95	14.956	4325	4328	4331	rBV6	1037	949	0.00%	0.001%
96	14.995	4338	4340	4343	rBV4	1187	770	0.00%	0.001%
97	15.101	4369	4373	4376	rBV6	1290	1332	0.00%	0.002%
98	15.162	4386	4392	4395	rBV8	1623	1456	0.01%	0.002%
99	15.320	4438	4441	4445	rBV6	1613	1581	0.01%	0.002%
100	15.503	4495	4498	4500	rBV4	2056	1430	0.00%	0.002%

Sum of corrected areas: 77957968

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
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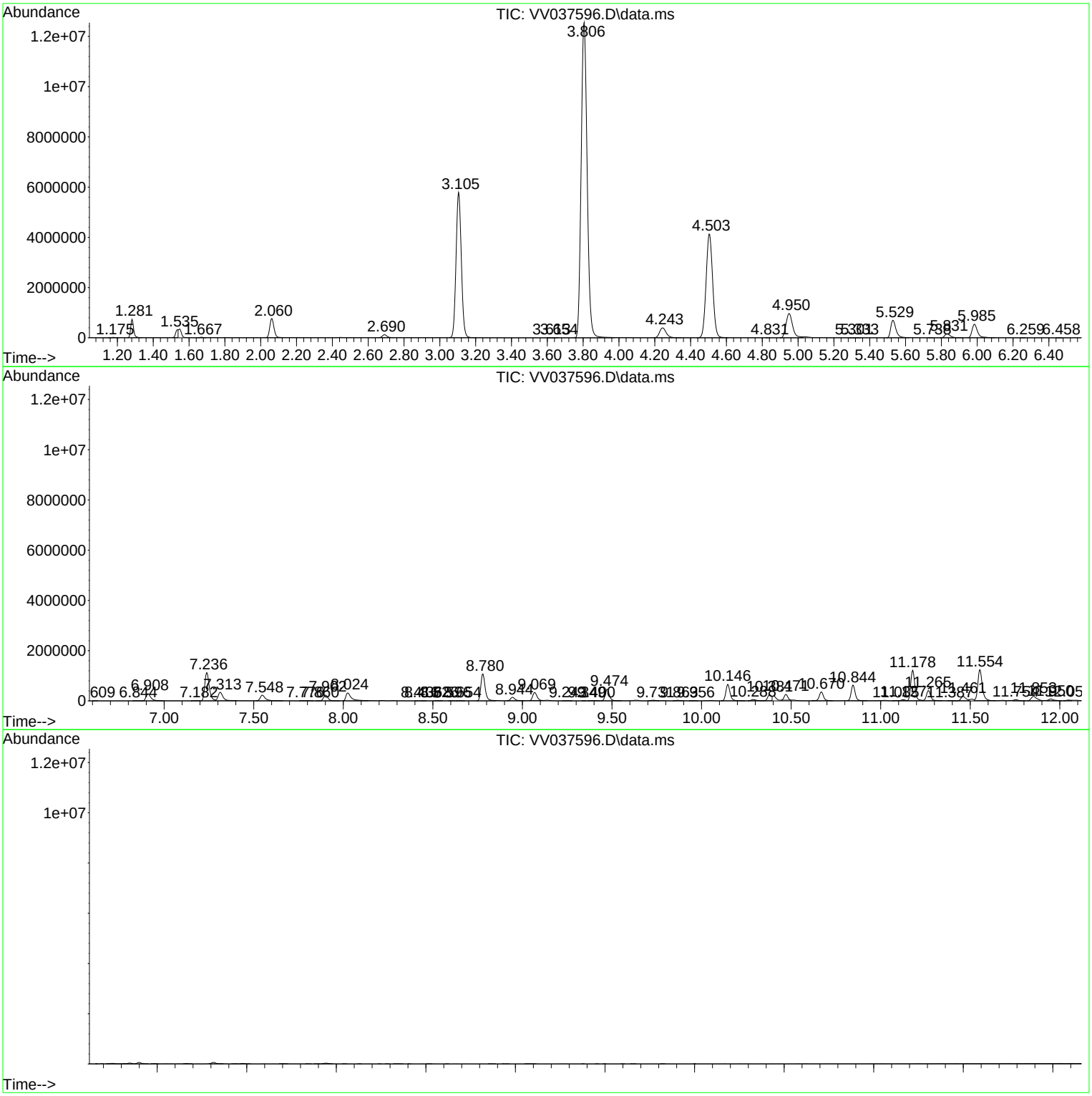
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

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\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

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

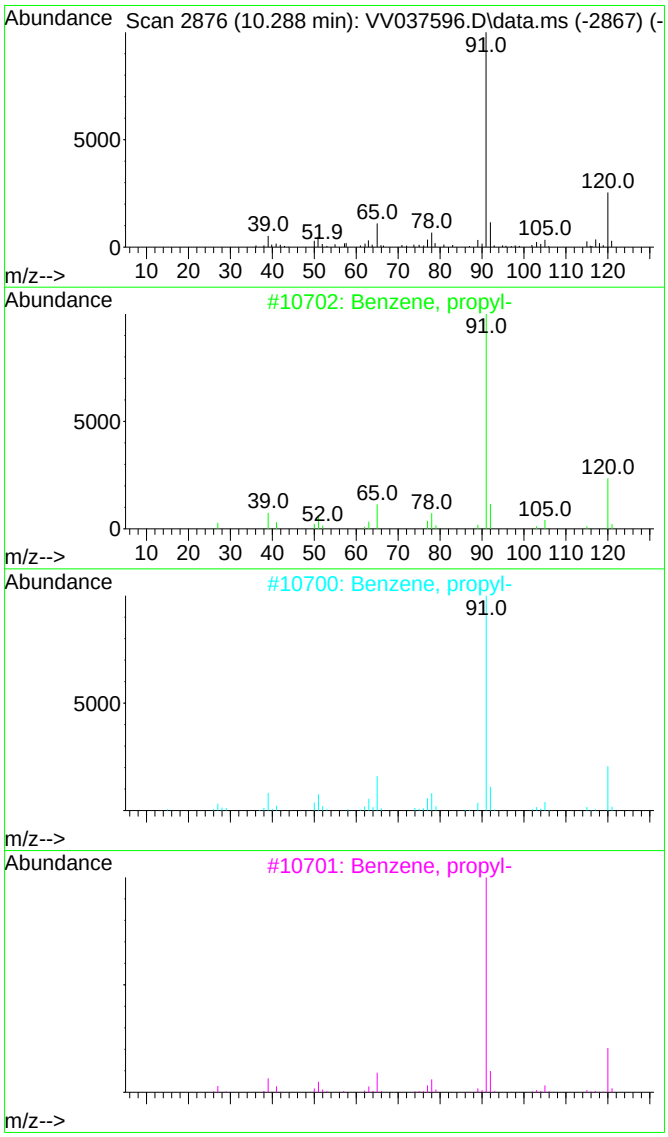
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

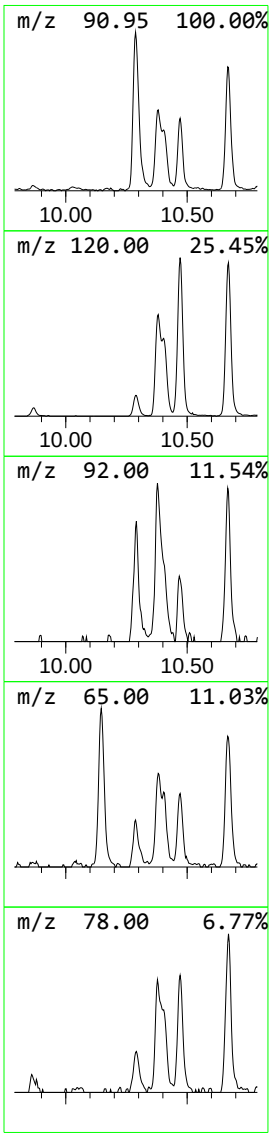
****

Peak Number 2 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.288	2.68 ug/L	101792	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

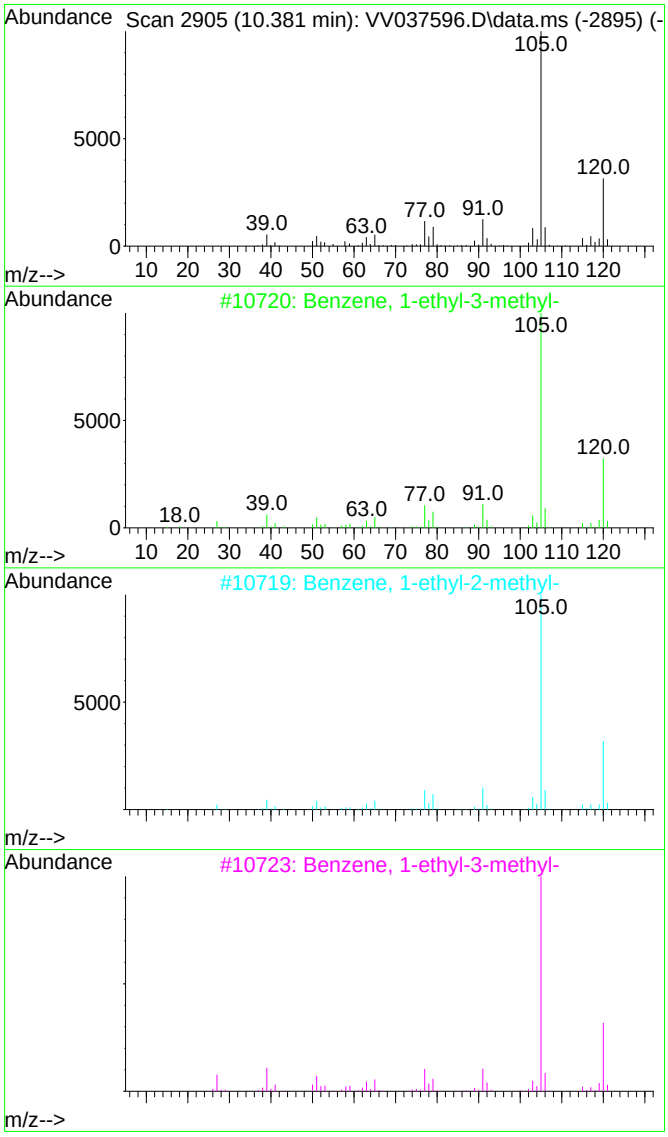
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

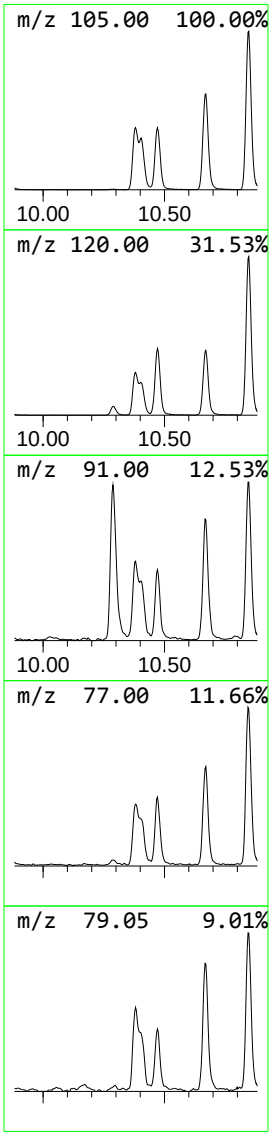
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	9.42 ug/L	357537	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	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





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Instrument :
MSVOA_V
ClientSampleId :
EY028

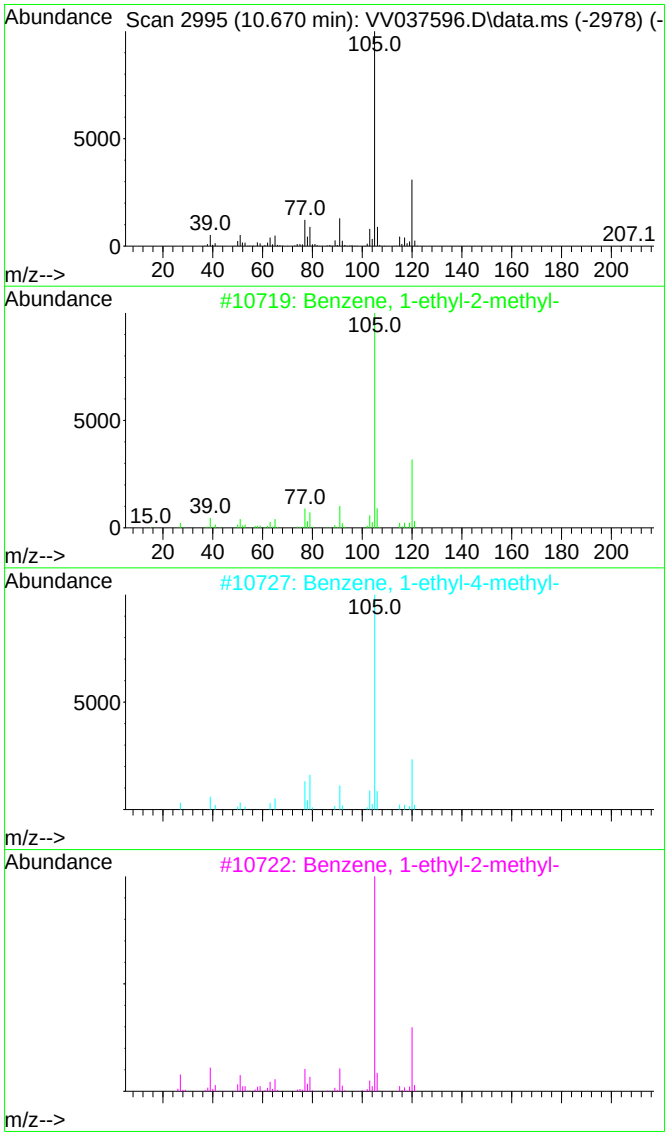
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

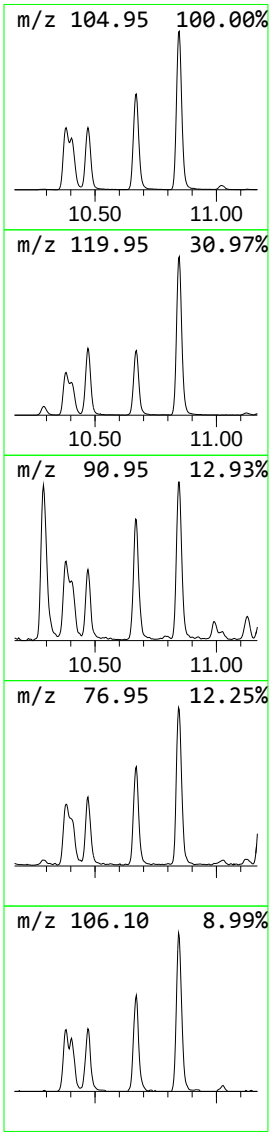
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	14.96 ug/L	568018	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

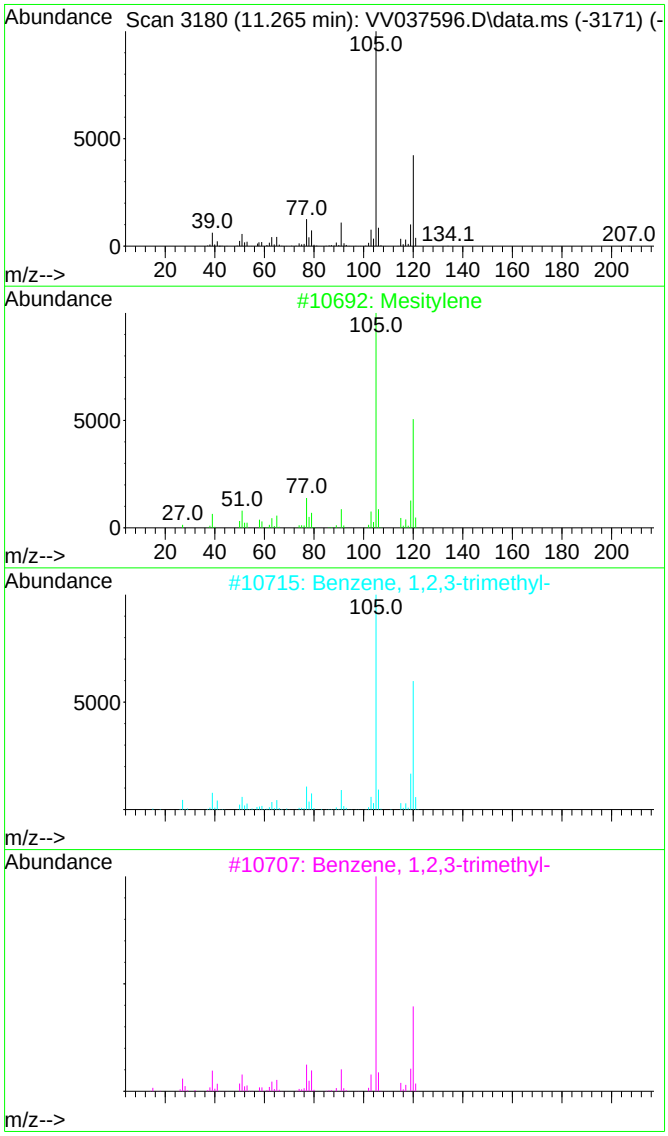
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

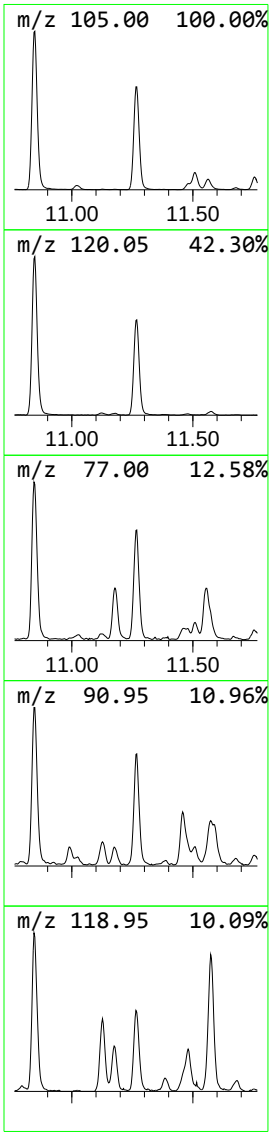
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.265	17.01 ug/L	645805	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

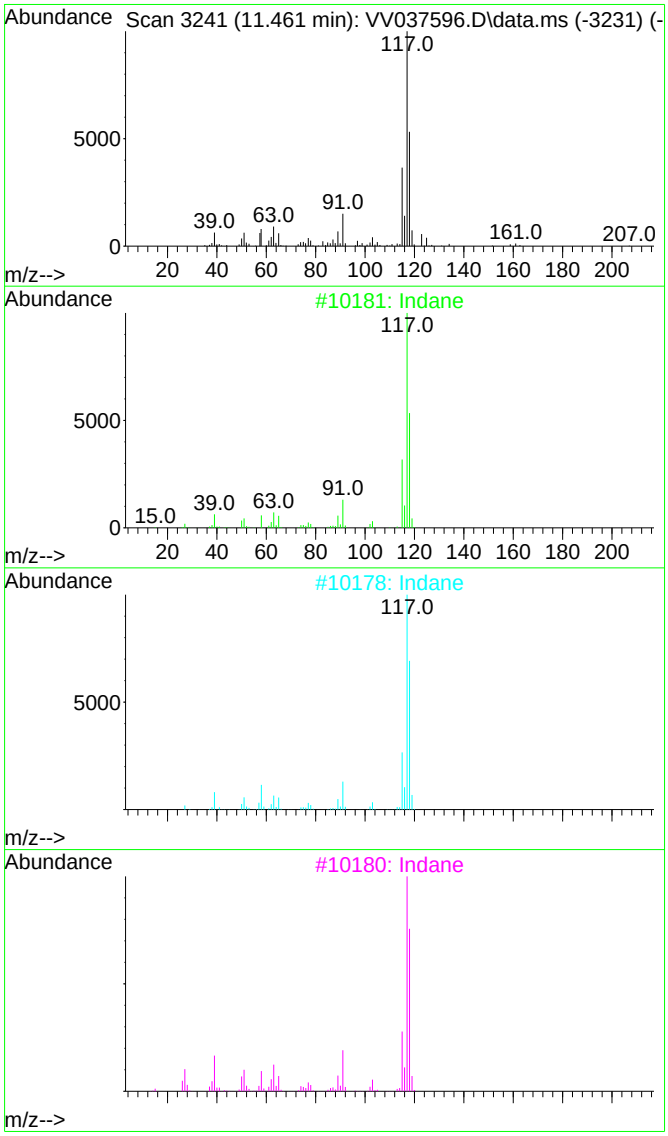
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

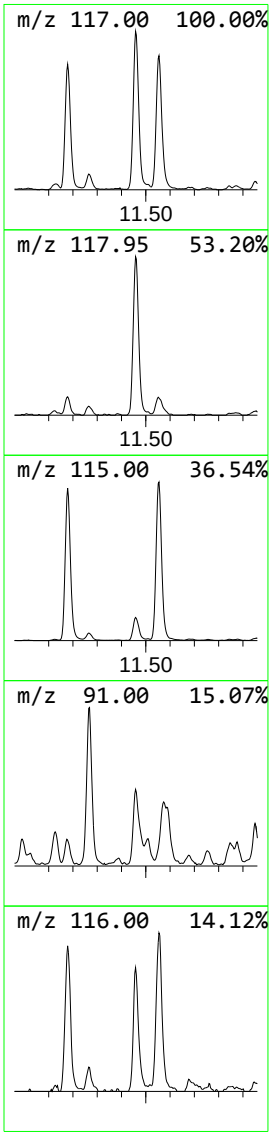
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.461	8.46 ug/L	321278	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	72





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Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

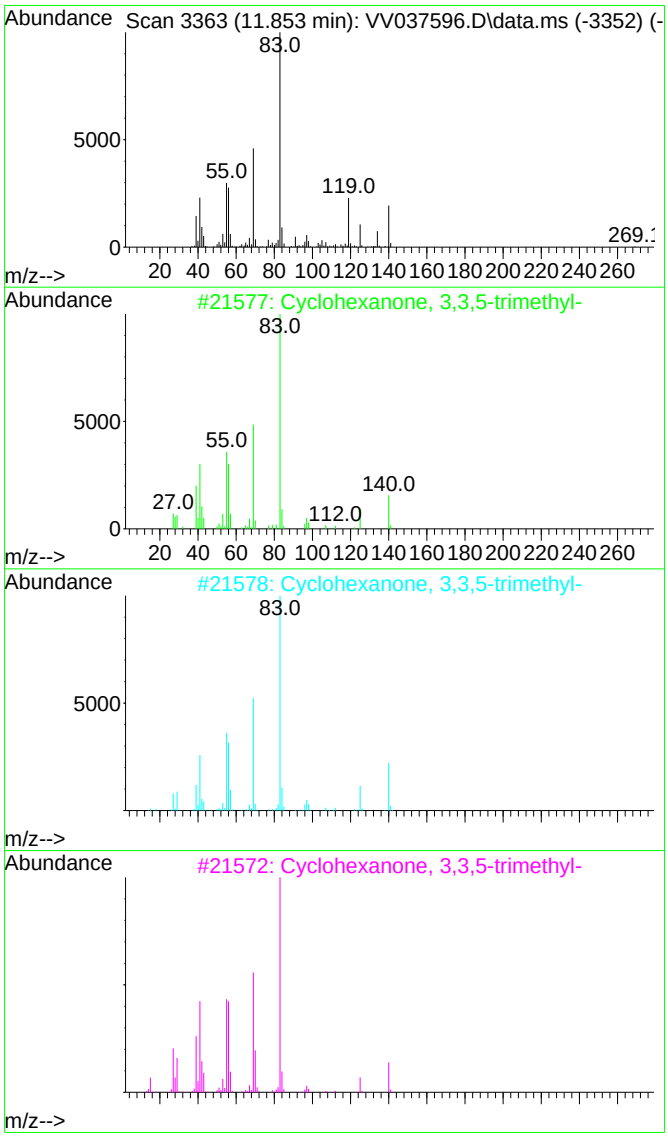
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

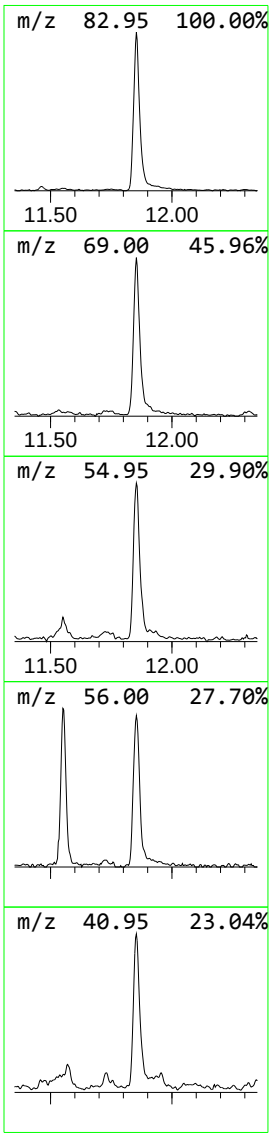
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.853	9.85 ug/L	373965	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

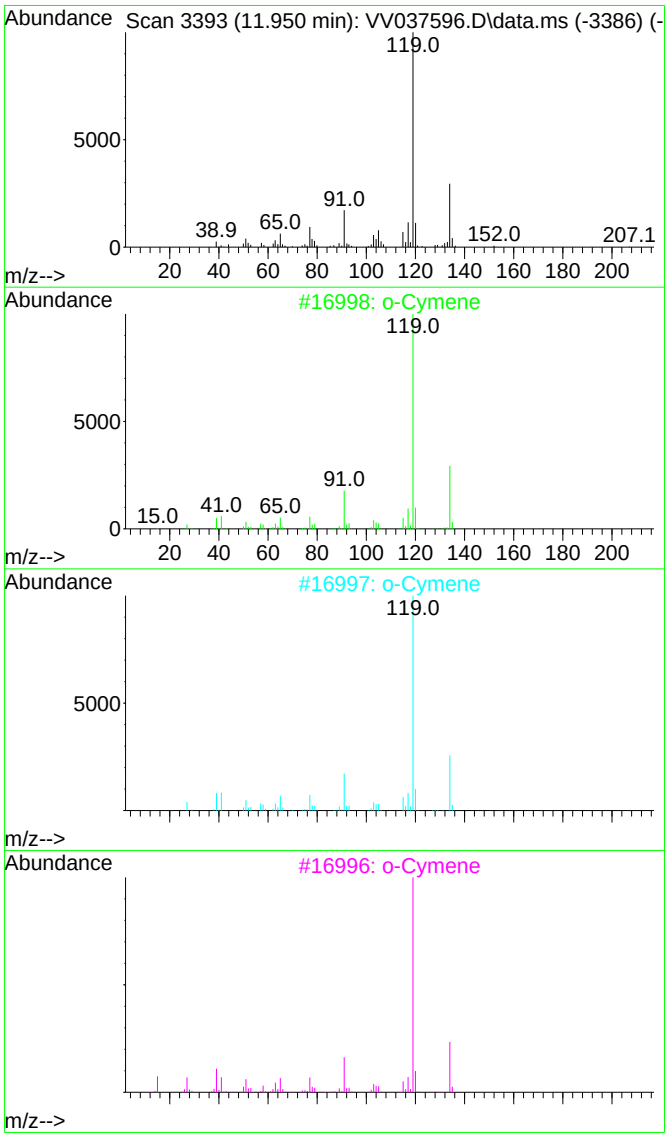
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

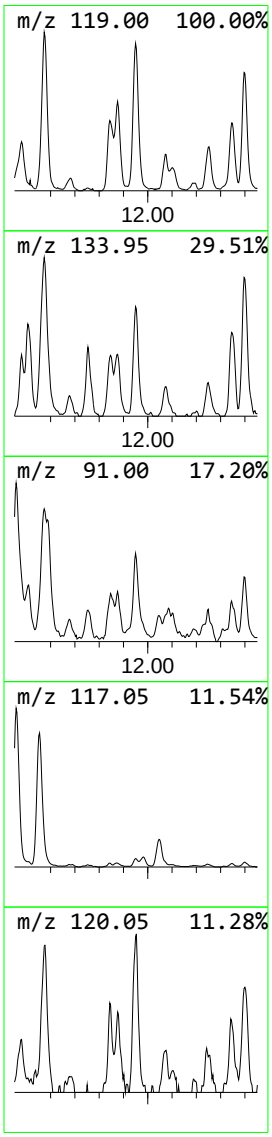
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.950	3.43 ug/L	130063	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037596.D
Acq On : 27 Sep 2024 11:16
Operator : SY/MD
Sample : P4185-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY028

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, propyl-	10.288	2.7	ug/L	101792	3	11.178	1898570	50.0
Benzene, 1-ethy...	10.381	9.4	ug/L	357537	3	11.178	1898570	50.0
Benzene, 1-ethy...	10.670	15.0	ug/L	568018	3	11.178	1898570	50.0
Benzene, 1,2,3-...	11.265	17.0	ug/L	645805	3	11.178	1898570	50.0
Indane	11.461	8.5	ug/L	321278	3	11.178	1898570	50.0
Cyclohexanone, ...	11.853	9.8	ug/L	373965	3	11.178	1898570	50.0
o-Cymene	11.950	3.4	ug/L	130063	3	11.178	1898570	50.0