

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037603.D
 Acq On : 27 Sep 2024 14:11
 Operator : SY/MD
 Sample : P4184-10
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY038

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

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: VV037603.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	37	42	51	rBV	8904	14860	0.64%	0.066%
2	1.278	67	74	92	rVB2	372821	418707	17.94%	1.852%
3	1.532	145	153	172	rVB2	276688	376784	16.14%	1.667%
4	2.060	307	317	333	rBV	576841	846999	36.29%	3.747%
5	3.105	629	642	663	rVB	201983	429708	18.41%	1.901%
6	3.436	742	745	751	rVB	824	726	0.03%	0.003%
7	3.680	819	821	825	rVB2	919	621	0.03%	0.003%
8	3.738	831	839	842	rBV5	865	871	0.04%	0.004%
9	3.806	846	860	890	rBV3	239683	685528	29.37%	3.032%
10	4.111	953	955	962	rVB5	931	681	0.03%	0.003%
11	4.243	979	996	1027	rBV	381712	963189	41.27%	4.261%
12	4.503	1061	1077	1111	rVB2	237003	617267	26.45%	2.730%
13	4.732	1143	1148	1156	rVB8	842	1129	0.05%	0.005%
14	4.950	1200	1216	1250	rBV2	920035	2334050	100.00%	10.325%
15	5.281	1314	1319	1324	rVB8	1065	979	0.04%	0.004%
16	5.368	1342	1346	1350	rVB5	814	812	0.03%	0.004%
17	5.400	1352	1356	1357	rBV3	1209	767	0.03%	0.003%
18	5.529	1385	1396	1427	rBV	691233	1421467	60.90%	6.288%
19	5.764	1466	1469	1473	rBV6	1094	793	0.03%	0.004%
20	5.828	1477	1489	1524	rBV	538214	1095593	46.94%	4.846%
21	5.986	1525	1538	1575	rVB	506718	1077292	46.16%	4.765%
22	6.371	1655	1658	1660	rBV3	1003	629	0.03%	0.003%
23	6.850	1803	1807	1810	rBV3	1360	1269	0.05%	0.006%
24	6.908	1815	1825	1856	rBV	263458	511688	21.92%	2.263%
25	7.133	1893	1895	1899	rVB3	1225	945	0.04%	0.004%
26	7.185	1899	1911	1917	rBV4	12207	22217	0.95%	0.098%
27	7.236	1917	1927	1953	rVV	1036846	1823499	78.13%	8.066%
28	7.551	2016	2025	2046	rBV	172978	340123	14.57%	1.505%
29	7.899	2121	2133	2163	rBV	632584	1072205	45.94%	4.743%
30	8.024	2164	2172	2207	rBV	292798	625940	26.82%	2.769%
31	8.217	2225	2232	2243	rVB4	20178	31696	1.36%	0.140%
32	8.362	2274	2277	2279	rBV4	1311	745	0.03%	0.003%
33	8.494	2312	2318	2320	rBV6	1378	1275	0.05%	0.006%
34	8.513	2320	2324	2325	rBV3	2700	1686	0.07%	0.007%
35	8.654	2362	2368	2376	rVB10	1640	2353	0.10%	0.010%
36	8.780	2396	2407	2444	rBV	1078104	1801822	77.20%	7.970%

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

37	9.030	2482	2485	2488	rBV5	2815	2609	0.11%	0.012%
38	9.246	2541	2552	2561	rVB8	4797	8918	0.38%	0.039%
39	9.400	2589	2600	2607	rBV8	9031	19912	0.85%	0.088%
40	9.484	2618	2626	2633	rBV9	5474	9417	0.40%	0.042%
41	9.558	2646	2649	2652	rBV2	754	626	0.03%	0.003%
42	9.632	2655	2672	2685	rVV4	28821	55149	2.36%	0.244%
43	9.731	2692	2703	2717	rBV8	13738	27149	1.16%	0.120%
44	9.789	2717	2721	2724	rBV5	1065	1046	0.04%	0.005%
45	9.805	2724	2726	2730	rVB4	1167	763	0.03%	0.003%
46	9.870	2739	2746	2757	rBV4	7271	13305	0.57%	0.059%
47	10.056	2793	2804	2813	rVV6	13382	24147	1.03%	0.107%
48	10.146	2820	2832	2856	rBV	617741	989680	42.40%	4.378%
49	10.288	2868	2876	2891	rBV	32708	55754	2.39%	0.247%
50	10.387	2898	2907	2913	rBV3	12084	20248	0.87%	0.090%
51	10.474	2927	2934	2943	rVB2	14338	23013	0.99%	0.102%
52	10.616	2974	2978	2981	rBV5	912	690	0.03%	0.003%
53	10.670	2981	2995	3011	rBV	97624	169197	7.25%	0.748%
54	10.789	3026	3032	3035	rBV7	1923	2454	0.11%	0.011%
55	10.850	3042	3051	3070	rVB	66821	109885	4.71%	0.486%
56	10.944	3074	3080	3083	rBV8	3708	3750	0.16%	0.017%
57	10.989	3088	3094	3097	rBV2	9088	10486	0.45%	0.046%
58	11.127	3128	3137	3143	rBV2	29207	43442	1.86%	0.192%
59	11.178	3143	3153	3175	rVV	1125647	1744456	74.74%	7.717%
60	11.387	3211	3218	3225	rVB4	6434	8724	0.37%	0.039%
61	11.481	3232	3247	3250	rBV3	42207	94857	4.06%	0.420%
62	11.554	3261	3270	3300	rVB	1116240	1848304	79.19%	8.176%
63	11.677	3305	3308	3319	rVB4	12944	17391	0.75%	0.077%
64	11.754	3324	3332	3344	rVB	40260	65590	2.81%	0.290%
65	11.844	3351	3360	3364	rBV2	44437	63172	2.71%	0.279%
66	11.950	3385	3393	3414	rVB2	59237	120187	5.15%	0.532%
67	12.046	3414	3423	3428	rBV	22613	34766	1.49%	0.154%
68	12.323	3499	3509	3510	rBV9	7160	10244	0.44%	0.045%
69	12.349	3510	3517	3525	rVV	35045	56875	2.44%	0.252%
70	12.397	3525	3532	3550	rVB	56469	92866	3.98%	0.411%
71	12.487	3552	3560	3574	rVB4	12770	19054	0.82%	0.084%
72	12.577	3583	3588	3591	rBV6	4227	4086	0.18%	0.018%
73	12.664	3611	3615	3629	rVB7	12300	18764	0.80%	0.083%
74	12.722	3629	3633	3634	rBV4	2679	1699	0.07%	0.008%
75	12.815	3647	3662	3679	rBV4	57199	103543	4.44%	0.458%
76	12.943	3693	3702	3706	rBV	4752	8118	0.35%	0.036%

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77	12.979	3706	3713	3725	rVB5	16109	27470	1.18%	0.122%
78	13.088	3743	3747	3748	rBV4	1877	1434	0.06%	0.006%
79	13.101	3748	3751	3753	rBV3	3297	2336	0.10%	0.010%
80	13.149	3763	3766	3774	rVB7	4146	4913	0.21%	0.022%
81	13.207	3774	3784	3791	rBV6	15662	27374	1.17%	0.121%
82	13.336	3819	3824	3832	rVB3	5054	6595	0.28%	0.029%
83	13.442	3840	3857	3865	rBV2	22300	41577	1.78%	0.184%
84	13.548	3887	3890	3898	rVB8	3884	4715	0.20%	0.021%
85	13.609	3906	3909	3912	rBV5	1015	745	0.03%	0.003%
86	13.635	3912	3917	3919	rBV4	2585	2304	0.10%	0.010%
87	13.757	3952	3955	3958	rVB4	1367	852	0.04%	0.004%
88	13.841	3976	3981	3982	rBV3	2363	1653	0.07%	0.007%
89	13.950	4011	4015	4018	rVB4	1619	1113	0.05%	0.005%
90	13.976	4021	4023	4026	rVV4	1042	800	0.03%	0.004%
91	14.037	4030	4042	4055	rVB4	5804	14871	0.64%	0.066%
92	14.165	4075	4082	4083	rBV5	1468	1254	0.05%	0.006%
93	14.226	4098	4101	4103	rBV4	1931	1319	0.06%	0.006%
94	14.365	4138	4144	4148	rBV6	4116	4882	0.21%	0.022%
95	14.413	4156	4159	4163	rBV4	928	808	0.03%	0.004%
96	14.577	4203	4210	4218	rBV3	7996	11944	0.51%	0.053%
97	14.757	4257	4266	4277	rBV6	7026	13650	0.58%	0.060%
98	15.005	4341	4343	4347	rBV5	932	844	0.04%	0.004%
99	15.033	4349	4352	4356	rVB5	1474	1027	0.04%	0.005%
100	15.844	4602	4604	4606	rBV2	1602	860	0.04%	0.004%

Sum of corrected areas: 22606591

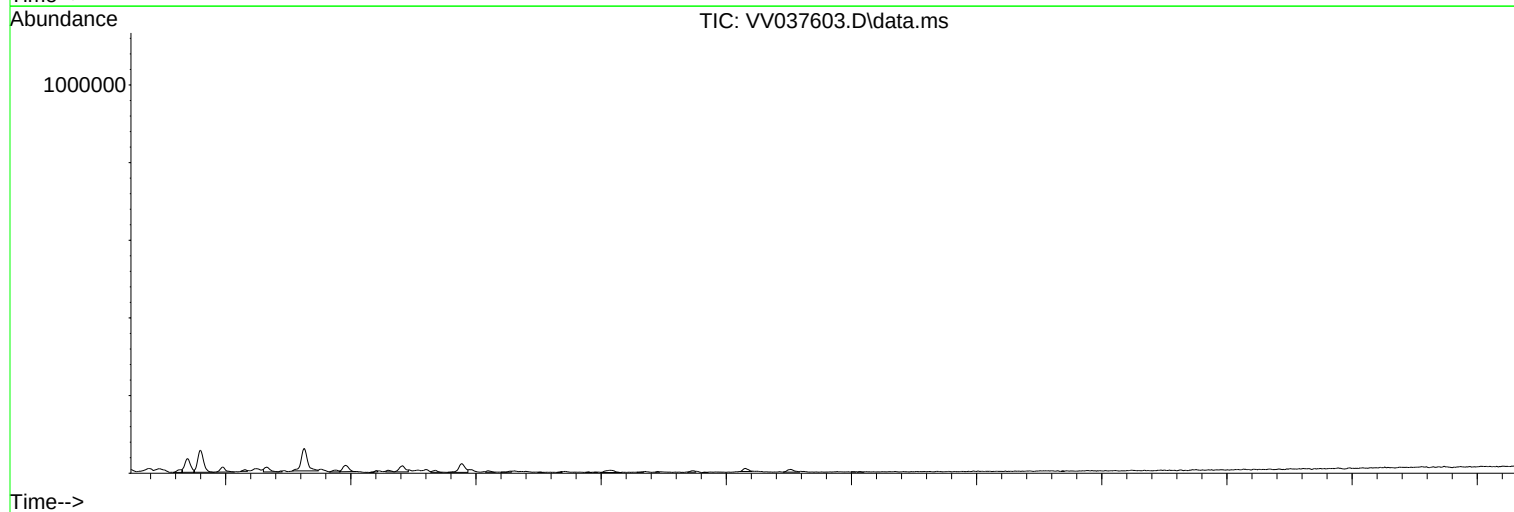
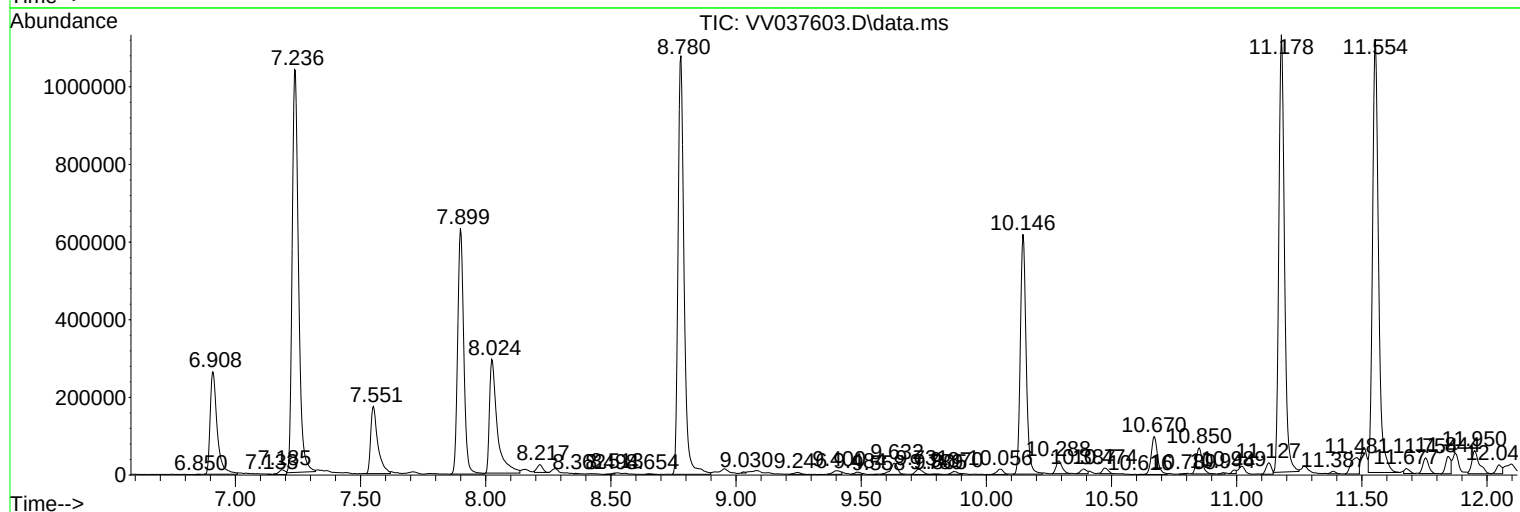
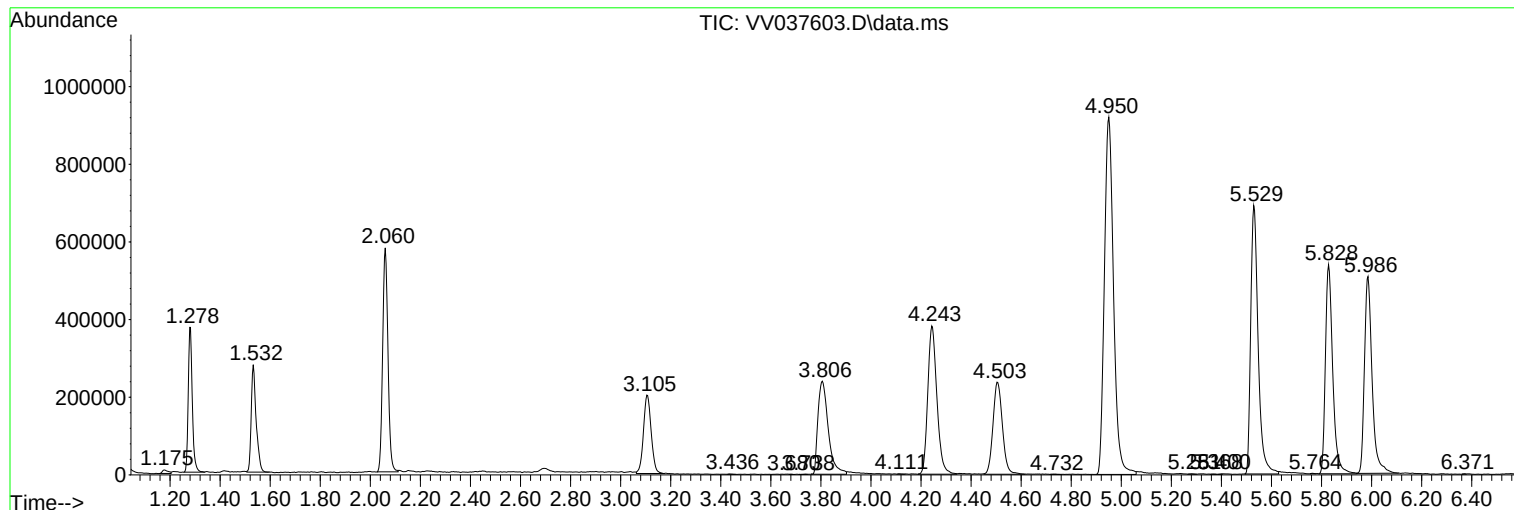
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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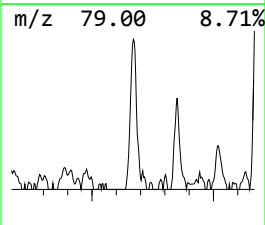
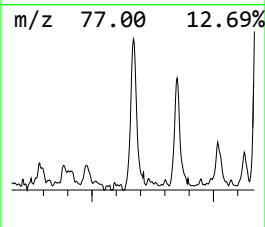
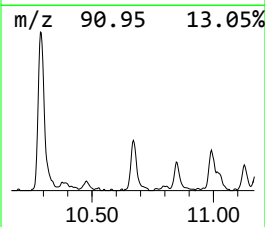
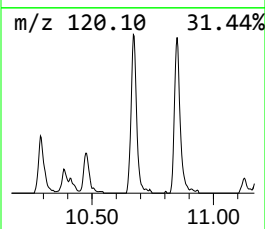
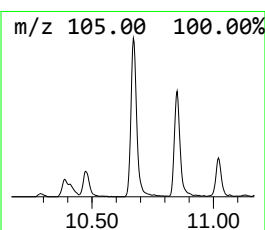
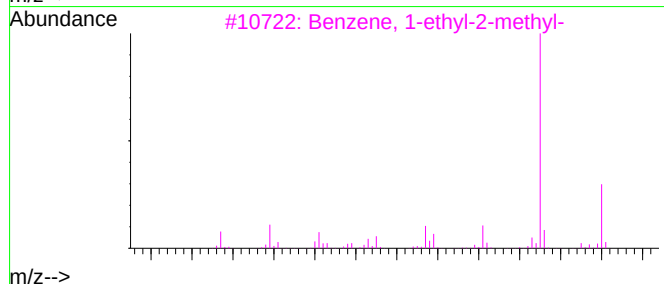
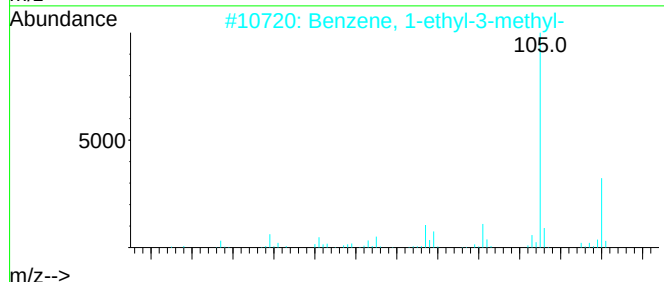
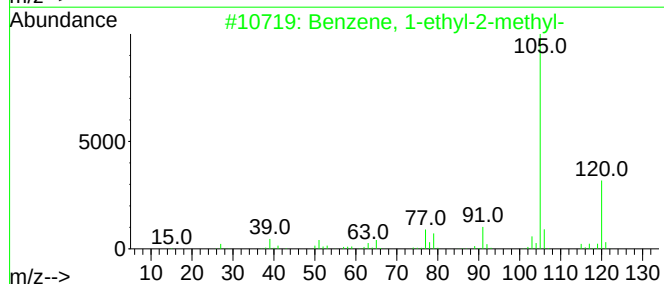
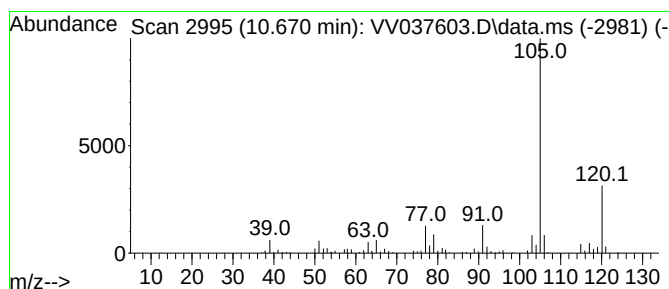
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	4.85 ug/L	169197	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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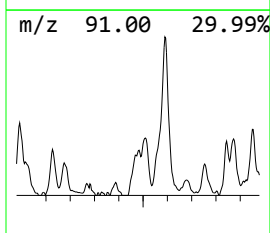
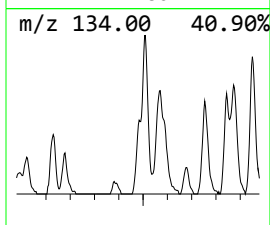
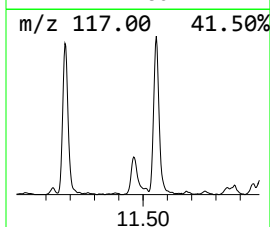
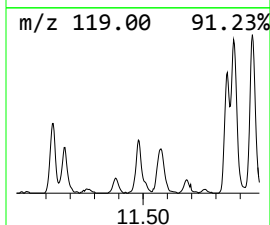
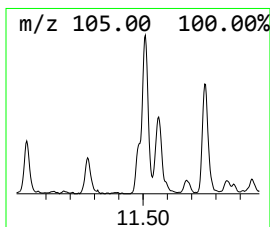
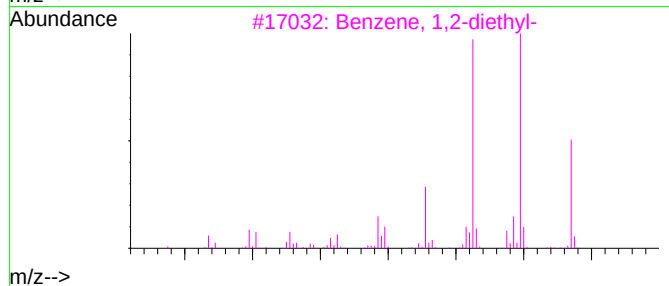
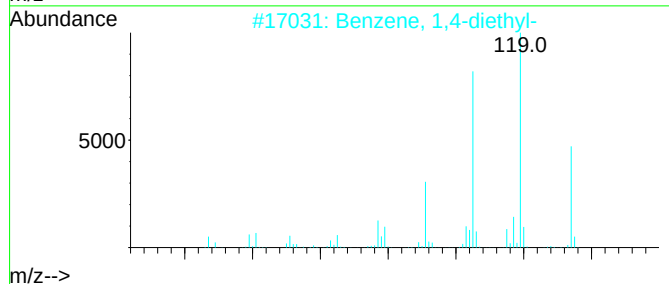
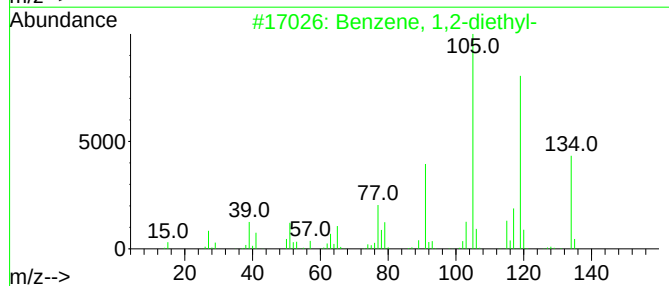
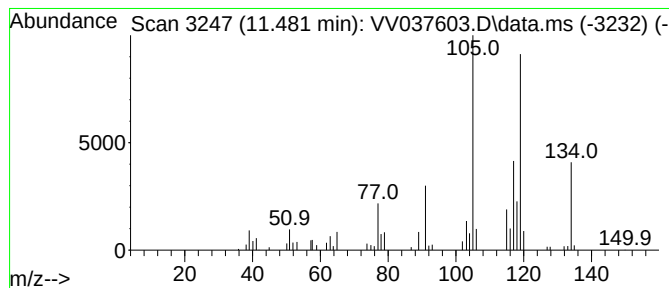
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.480	2.72 ug/L	94857	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-		134	C10H14	000135-01-3	76
2	Benzene, 1,4-diethyl-		134	C10H14	000105-05-5	76
3	Benzene, 1,2-diethyl-		134	C10H14	000135-01-3	76
4	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	70
5	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	70



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Quant Title : VOC Analysis

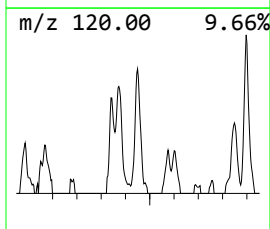
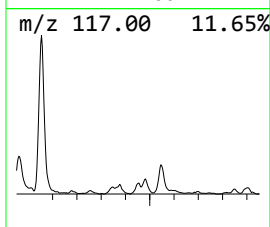
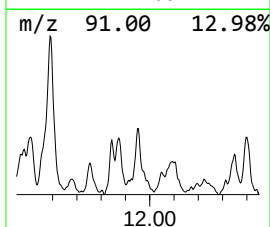
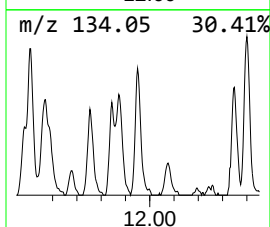
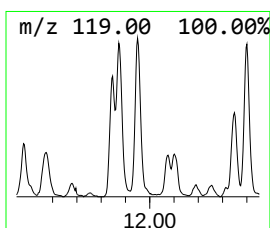
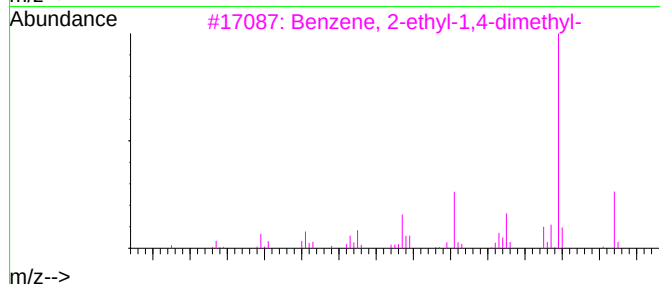
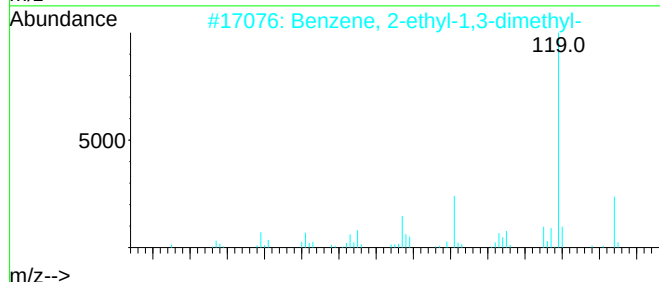
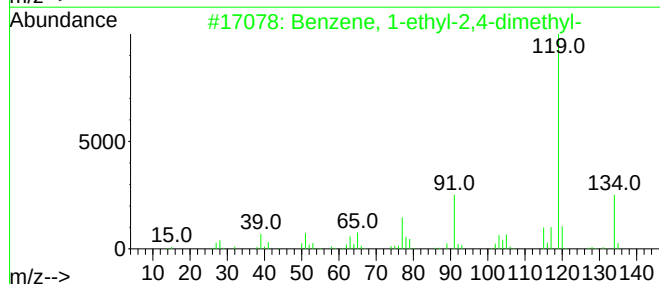
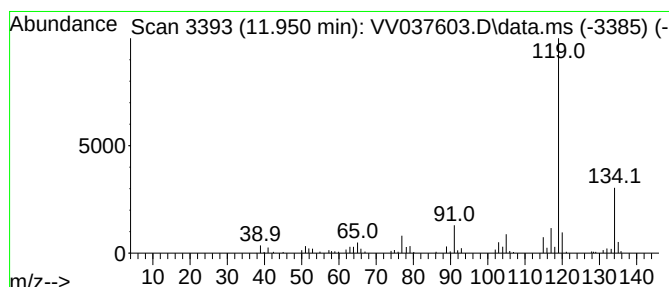
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.950	3.44 ug/L	120187	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037603.D
Acq On : 27 Sep 2024 14:11
Operator : SY/MD
Sample : P4184-10
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY038

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

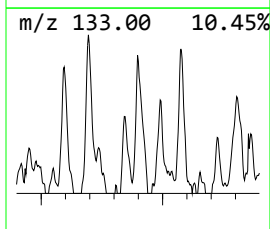
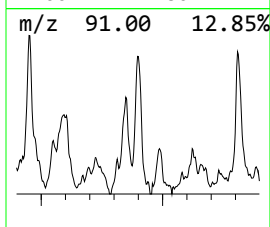
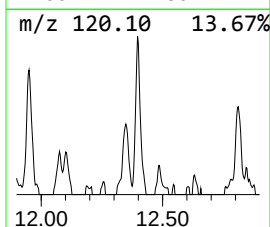
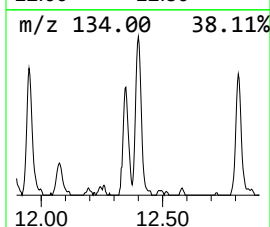
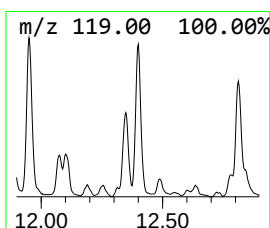
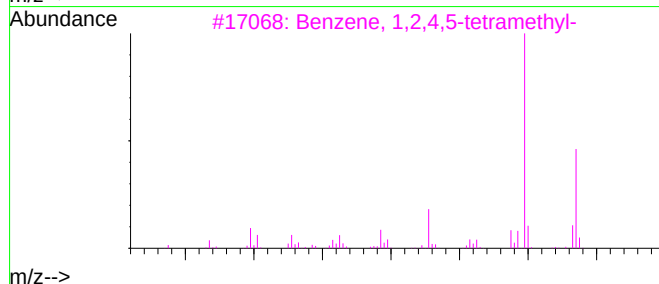
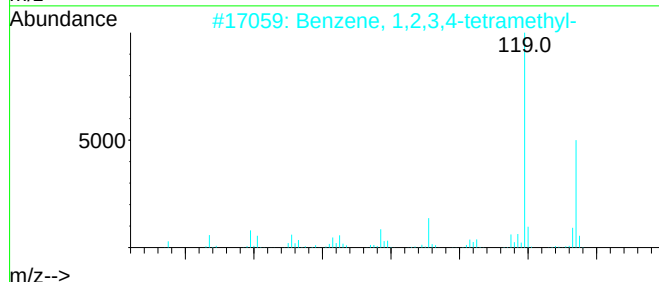
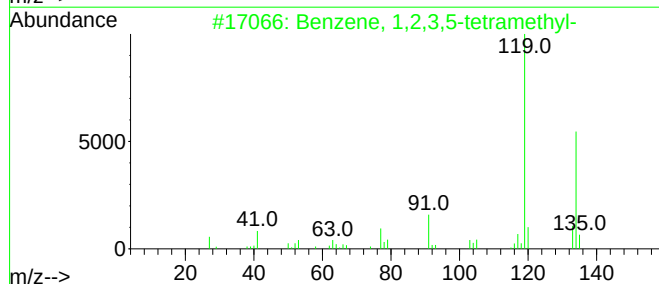
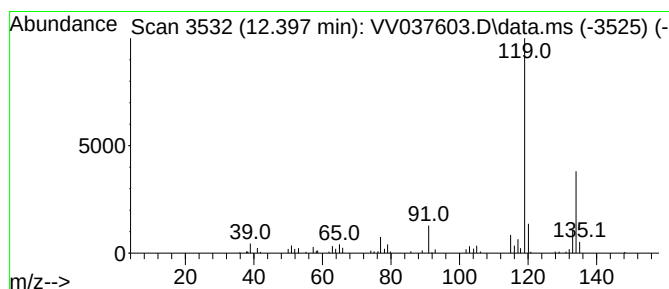
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	2.66 ug/L	92866	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037603.D
Acq On : 27 Sep 2024 14:11
Operator : SY/MD
Sample : P4184-10
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY038

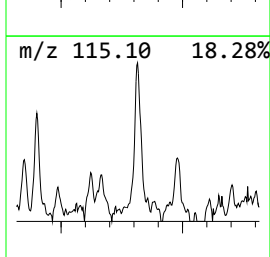
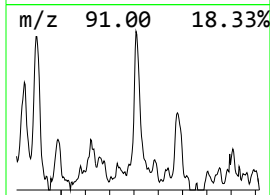
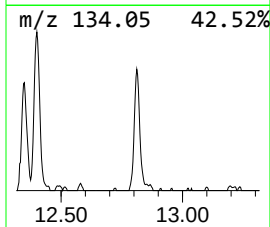
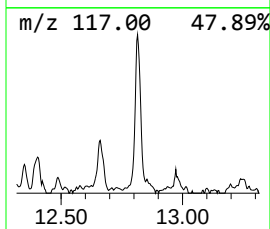
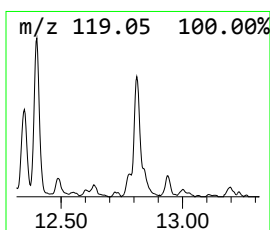
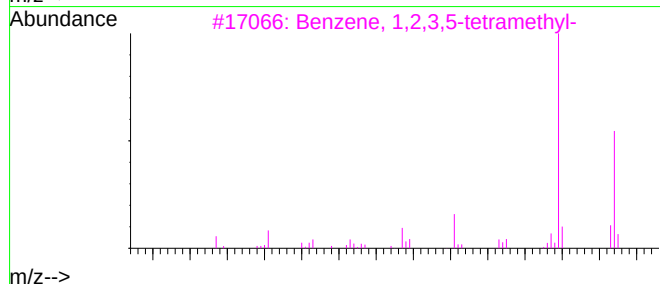
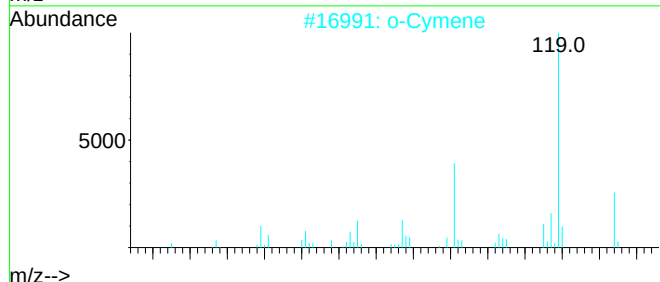
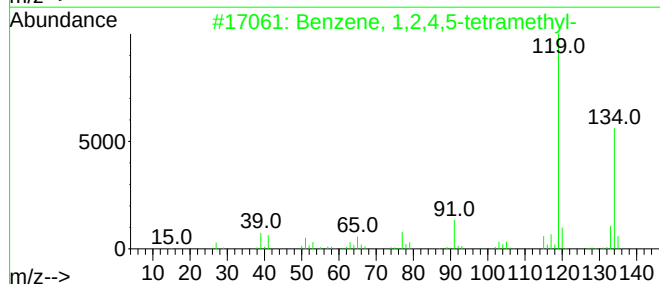
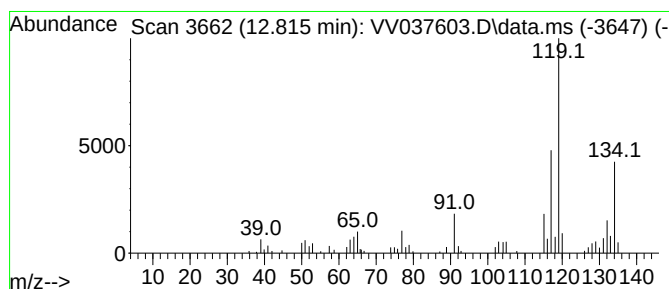
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.815	2.97 ug/L	103543	1,4-Dichlorobenzene-d4	11.178	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
Data File : VV037603.D
Acq On : 27 Sep 2024 14:11
Operator : SY/MD
Sample : P4184-10
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY038

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	10.670	4.8	ug/L	169197	3	11.178	1744460	50.0
Benzene, 1,2-di...	11.480	2.7	ug/L	94857	3	11.178	1744460	50.0
Benzene, 1-ethy...	11.950	3.4	ug/L	120187	3	11.178	1744460	50.0
Benzene, 1,2,3,...	12.397	2.7	ug/L	92866	3	11.178	1744460	50.0
Benzene, 1,2,4,...	12.815	3.0	ug/L	103543	3	11.178	1744460	50.0