

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037561.D
 Acq On : 26 Sep 2024 20:05
 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: VV037561.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.176	35	42	51	rBV	19296	31862	1.28%	0.133%
2	1.278	67	74	94	rVB2	418347	467560	18.84%	1.956%
3	1.532	145	153	171	rVB2	308378	410285	16.53%	1.716%
4	2.060	306	317	340	rBV	637579	938942	37.83%	3.928%
5	3.105	629	642	668	rVB	214398	460758	18.57%	1.928%
6	3.365	719	723	728	rBV7	807	883	0.04%	0.004%
7	3.462	749	753	758	rVB4	778	730	0.03%	0.003%
8	3.491	758	762	767	rVB4	766	858	0.03%	0.004%
9	3.648	808	811	815	rBV4	885	674	0.03%	0.003%
10	3.674	815	819	825	rVB6	1398	1757	0.07%	0.007%
11	3.806	845	860	893	rBV2	253618	720977	29.05%	3.016%
12	4.243	978	996	1027	rBV	400091	1015594	40.92%	4.249%
13	4.507	1058	1078	1099	rBV	248508	639982	25.79%	2.677%
14	4.619	1109	1113	1115	rBV3	1434	982	0.04%	0.004%
15	4.661	1122	1126	1132	rVB6	1055	1092	0.04%	0.005%
16	4.767	1156	1159	1161	rBV3	1167	757	0.03%	0.003%
17	4.806	1166	1171	1172	rBV5	788	704	0.03%	0.003%
18	4.950	1196	1216	1244	rBV2	988506	2481830	100.00%	10.383%
19	5.330	1330	1334	1338	rVB8	1011	1017	0.04%	0.004%
20	5.404	1351	1357	1359	rBV5	1371	1252	0.05%	0.005%
21	5.529	1382	1396	1427	rBV	716955	1464532	59.01%	6.127%
22	5.828	1476	1489	1516	rBV	568806	1146289	46.19%	4.795%
23	5.986	1525	1538	1568	rBV	543822	1144483	46.11%	4.788%
24	6.378	1655	1660	1667	rVV8	1693	2070	0.08%	0.009%
25	6.545	1704	1712	1714	rBV5	1804	2465	0.10%	0.010%
26	6.600	1726	1729	1734	rVB6	791	734	0.03%	0.003%
27	6.683	1750	1755	1757	rBV3	862	678	0.03%	0.003%
28	6.908	1814	1825	1848	rBV	282776	539655	21.74%	2.258%
29	7.185	1900	1911	1917	rBV4	11020	20939	0.84%	0.088%
30	7.236	1917	1927	1954	rVV	1127209	1973585	79.52%	8.256%
31	7.551	2016	2025	2049	rBV	184182	357931	14.42%	1.497%
32	7.822	2107	2109	2114	rVB4	1305	1064	0.04%	0.004%
33	7.899	2120	2133	2160	rBV	643581	1115504	44.95%	4.667%
34	8.024	2164	2172	2208	rBV	325340	676755	27.27%	2.831%
35	8.214	2225	2231	2241	rVB3	20968	35091	1.41%	0.147%
36	8.278	2244	2251	2260	rVB5	10780	17159	0.69%	0.072%

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Max Peaks: 100

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

37	8.523	2320	2327	2339	rVB5	3054	5184	0.21%	0.022%
38	8.780	2393	2407	2427	rBV	1093537	1809287	72.90%	7.569%
39	8.953	2456	2461	2472	rVB2	11390	17439	0.70%	0.073%
40	9.034	2479	2486	2487	rBV6	3638	4243	0.17%	0.018%
41	9.239	2543	2550	2561	rVV7	4975	9795	0.39%	0.041%
42	9.403	2586	2601	2602	rBV7	9806	14213	0.57%	0.059%
43	9.487	2618	2627	2632	rBV10	6208	8783	0.35%	0.037%
44	9.571	2650	2653	2655	rBV3	1215	886	0.04%	0.004%
45	9.635	2655	2673	2684	rVV3	29707	55552	2.24%	0.232%
46	9.731	2692	2703	2714	rBV8	13722	28422	1.15%	0.119%
47	9.793	2719	2722	2725	rBV4	1131	1004	0.04%	0.004%
48	9.870	2740	2746	2757	rBV6	5748	10291	0.41%	0.043%
49	9.969	2772	2777	2778	rBV4	935	791	0.03%	0.003%
50	10.056	2792	2804	2813	rBV7	14175	25674	1.03%	0.107%
51	10.146	2819	2832	2849	rBV	639744	1024402	41.28%	4.286%
52	10.288	2868	2876	2896	rBV	34094	59775	2.41%	0.250%
53	10.387	2899	2907	2912	rBV	14067	20581	0.83%	0.086%
54	10.474	2928	2934	2948	rVB3	17046	27952	1.13%	0.117%
55	10.538	2952	2954	2965	rVB6	3436	3585	0.14%	0.015%
56	10.670	2980	2995	3009	rBV	104068	177951	7.17%	0.744%
57	10.789	3025	3032	3033	rBV6	2693	2702	0.11%	0.011%
58	10.850	3041	3051	3070	rVB2	73125	121119	4.88%	0.507%
59	10.950	3075	3082	3088	rVV6	3583	5257	0.21%	0.022%
60	10.995	3089	3096	3098	rVV2	10587	13927	0.56%	0.058%
61	11.021	3100	3104	3115	rVB3	21772	31868	1.28%	0.133%
62	11.085	3120	3124	3126	rBV4	1258	839	0.03%	0.004%
63	11.127	3129	3137	3143	rBV2	29181	43221	1.74%	0.181%
64	11.178	3143	3153	3174	rVV	1138399	1771072	71.36%	7.409%
65	11.384	3212	3217	3227	rVB5	5935	9528	0.38%	0.040%
66	11.477	3232	3246	3250	rBV3	45511	100457	4.05%	0.420%
67	11.555	3261	3270	3297	rVB	1179728	1955526	78.79%	8.181%
68	11.677	3305	3308	3319	rVB6	11760	17410	0.70%	0.073%
69	11.754	3324	3332	3349	rVB	46910	76136	3.07%	0.319%
70	11.844	3351	3360	3364	rBV	48649	67366	2.71%	0.282%
71	11.950	3385	3393	3413	rVB3	60364	123885	4.99%	0.518%
72	12.046	3415	3423	3428	rBV2	24442	36156	1.46%	0.151%
73	12.230	3477	3480	3495	rVB6	10889	20545	0.83%	0.086%
74	12.349	3499	3517	3524	rBV2	38514	72529	2.92%	0.303%
75	12.400	3525	3533	3550	rVB	60086	97453	3.93%	0.408%
76	12.490	3553	3561	3568	rBV6	12061	19276	0.78%	0.081%

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 Title : VOC Analysis

77	12.551	3577	3580	3581	rBV2	1947	1009	0.04%	0.004%
78	12.577	3584	3588	3594	rVV3	5298	6693	0.27%	0.028%
79	12.616	3595	3600	3608	rVV8	6403	10900	0.44%	0.046%
80	12.728	3631	3635	3637	rBV3	2514	2119	0.09%	0.009%
81	12.815	3645	3662	3679	rBV2	60058	120345	4.85%	0.503%
82	12.937	3695	3700	3705	rBV3	4698	5961	0.24%	0.025%
83	12.979	3706	3713	3723	rVB3	18319	28651	1.15%	0.120%
84	13.098	3740	3750	3751	rBV8	5312	4888	0.20%	0.020%
85	13.149	3761	3766	3773	rVB4	4879	6451	0.26%	0.027%
86	13.207	3773	3784	3792	rBV9	15774	29806	1.20%	0.125%
87	13.300	3809	3813	3821	rVB7	4300	5035	0.20%	0.021%
88	13.442	3844	3857	3869	rBV2	23605	49001	1.97%	0.205%
89	13.805	3967	3970	3975	rBV6	806	804	0.03%	0.003%
90	13.863	3986	3988	3995	rVB8	1948	1816	0.07%	0.008%
91	13.979	4021	4024	4028	rVB4	1756	1169	0.05%	0.005%
92	14.037	4029	4042	4050	rBV9	6751	14088	0.57%	0.059%
93	14.358	4138	4142	4154	rVB10	4174	7724	0.31%	0.032%
94	14.503	4185	4187	4193	rBV6	1043	1010	0.04%	0.004%
95	14.574	4201	4209	4220	rBV4	12449	22245	0.90%	0.093%
96	14.754	4256	4265	4266	rBV3	9861	10476	0.42%	0.044%
97	14.841	4289	4292	4297	rBV7	1564	1422	0.06%	0.006%
98	15.172	4393	4395	4397	rBV3	1635	871	0.04%	0.004%
99	15.355	4450	4452	4453	rBV	2011	720	0.03%	0.003%
100	15.413	4468	4470	4473	rBV2	1483	924	0.04%	0.004%

Sum of corrected areas: 23903640

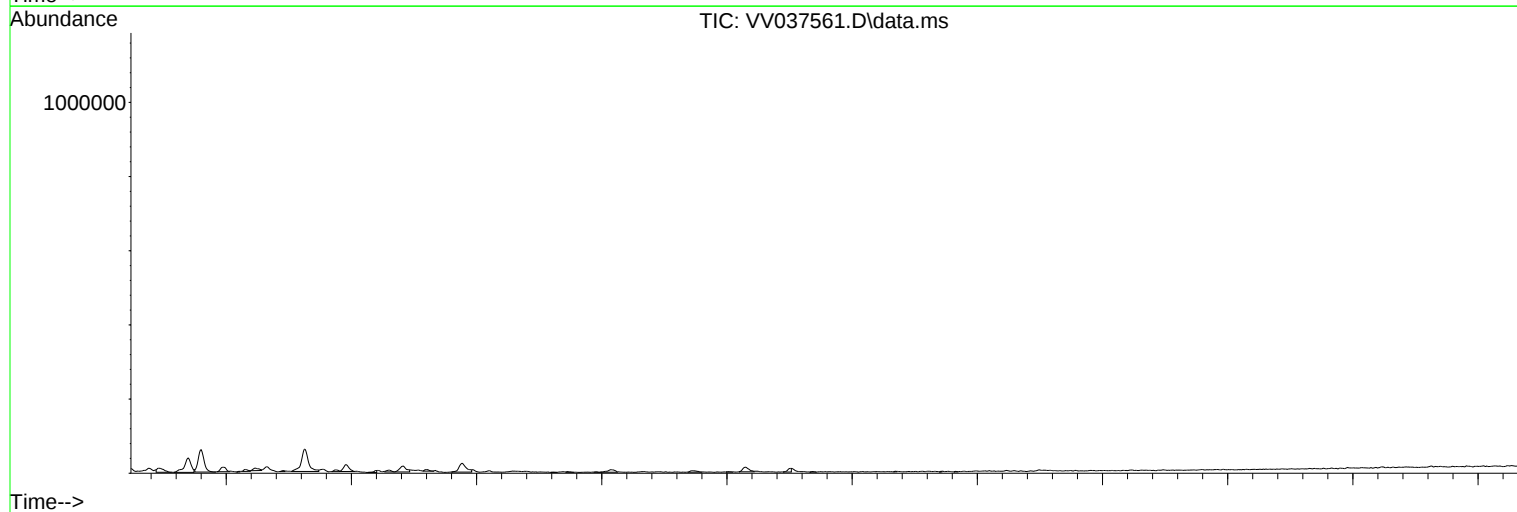
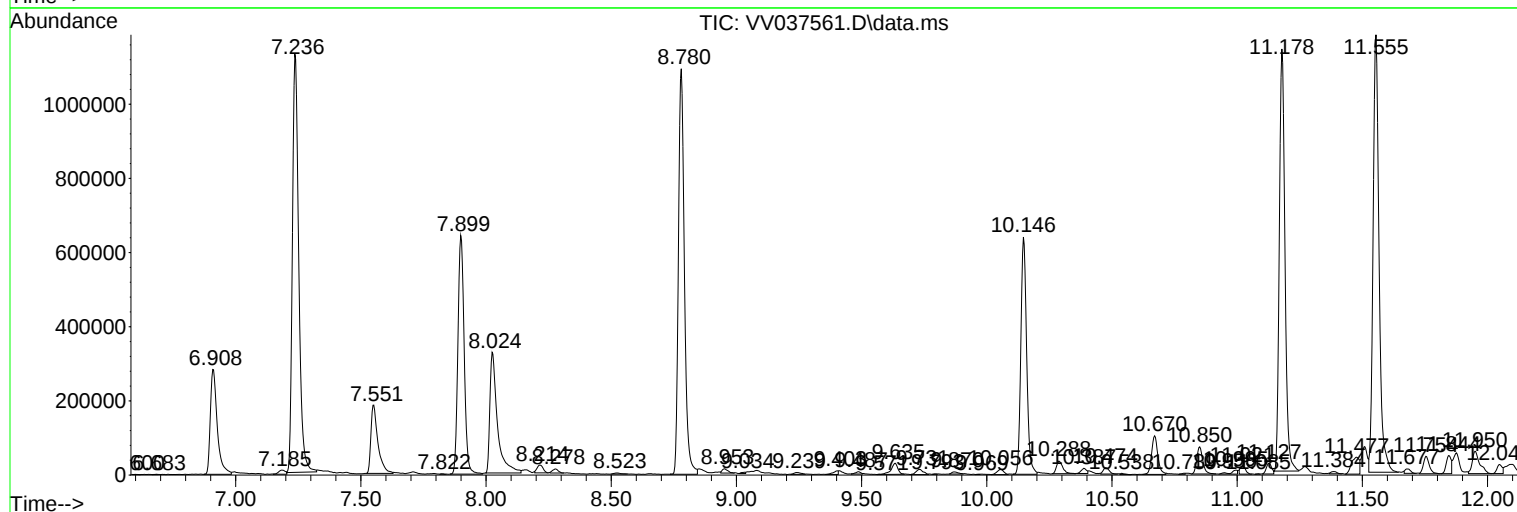
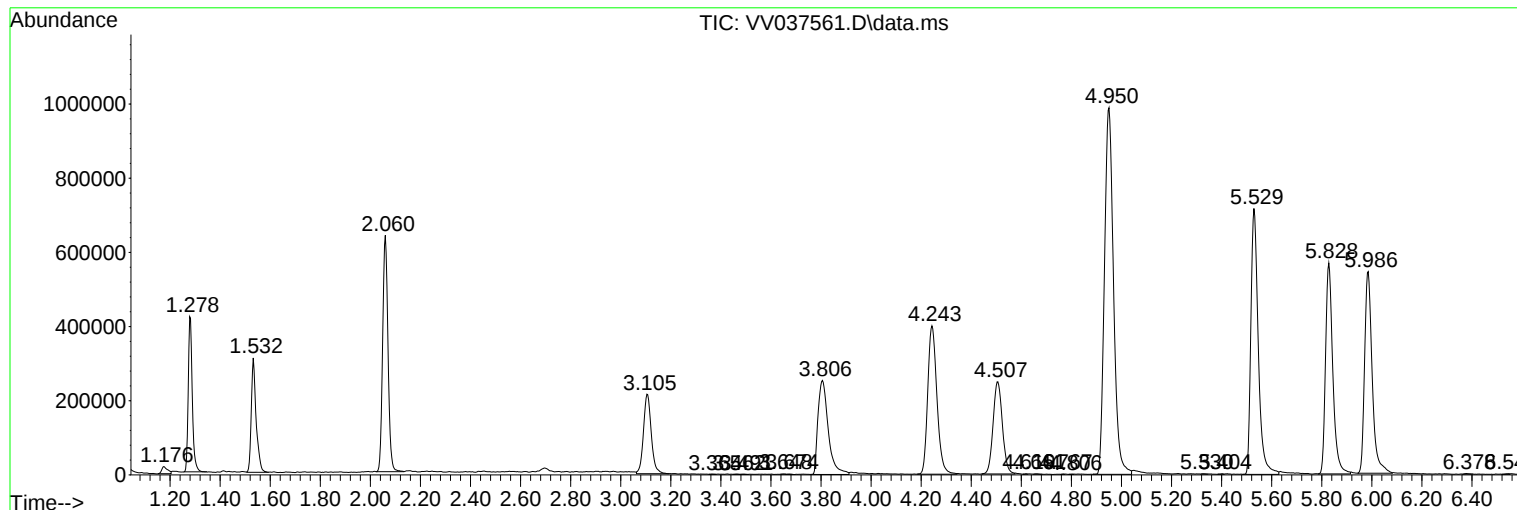
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ALS Vial : 1 Sample Multiplier: 1

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



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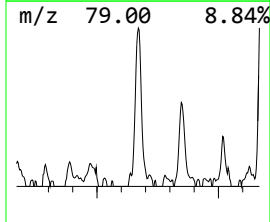
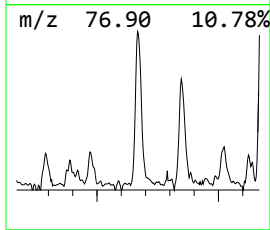
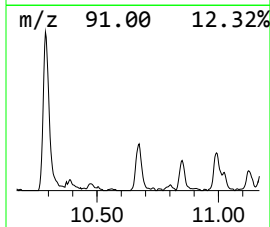
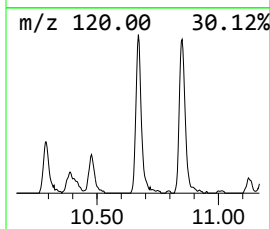
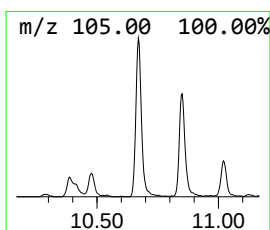
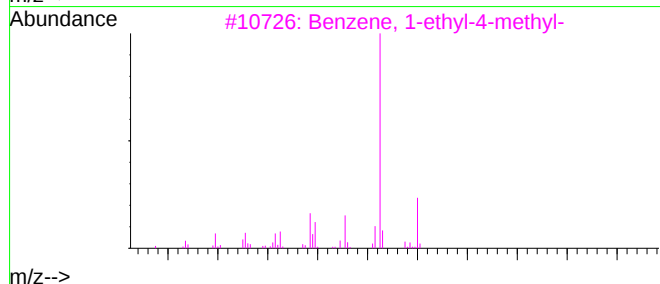
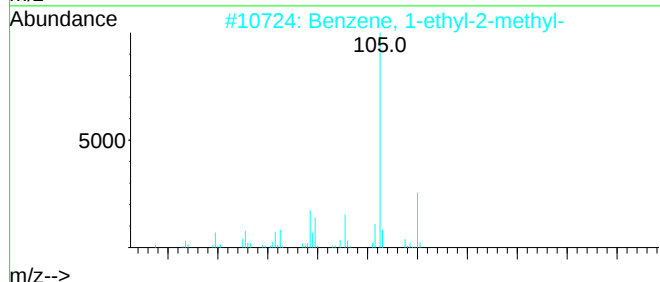
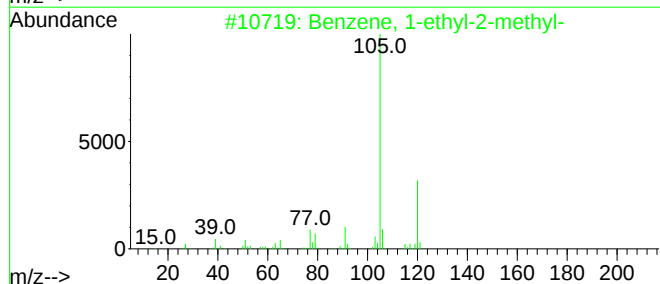
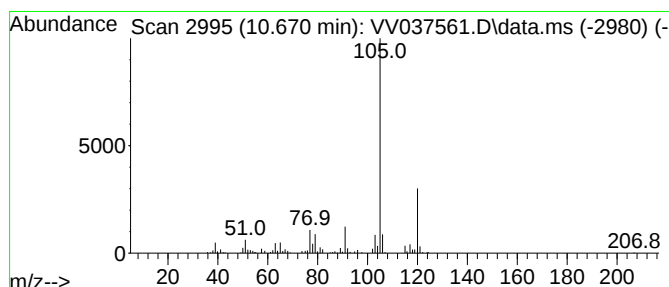
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.670	5.02 ug/L	177951	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	93
2	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	93
5	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	91



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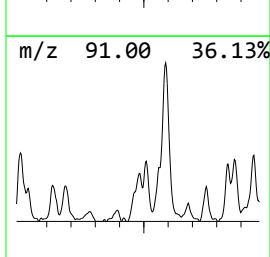
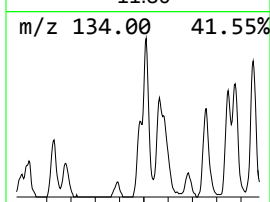
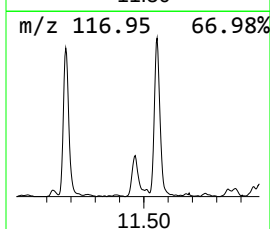
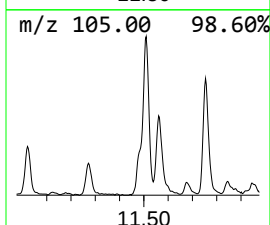
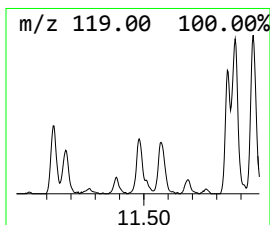
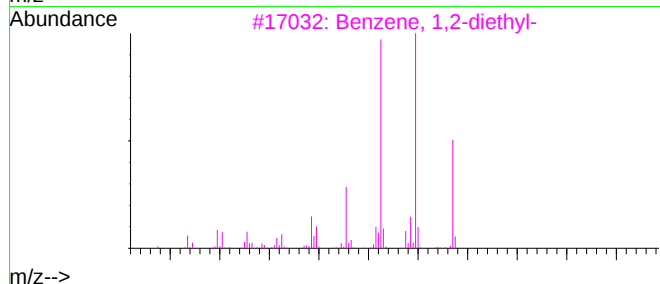
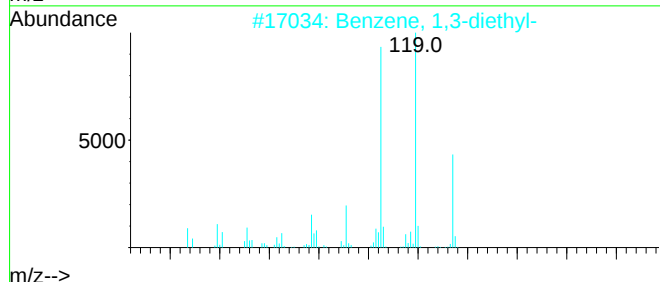
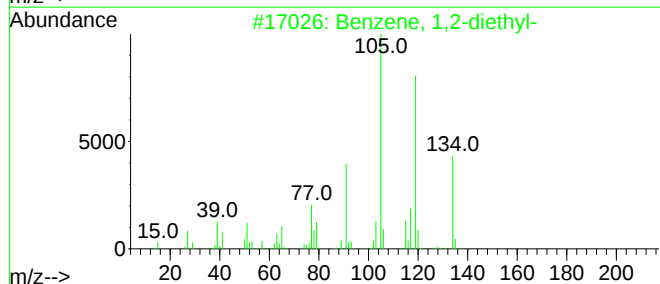
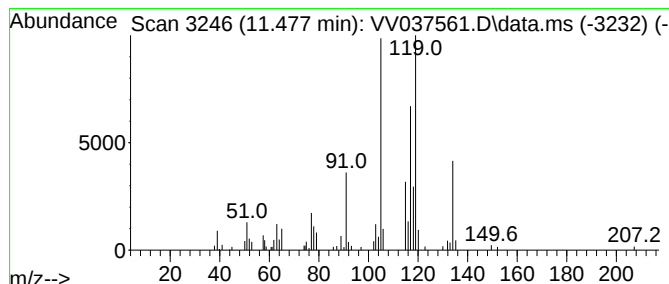
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.477	2.84 ug/L	100457	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	89
2	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	70
3	Benzene, 1,2-diethyl-		134	C10H14	000135-01-3	70
4	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	70
5	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	64



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

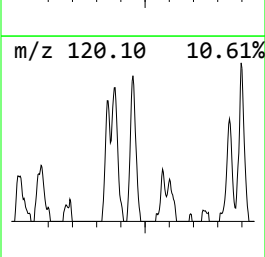
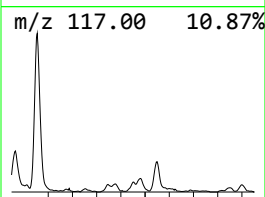
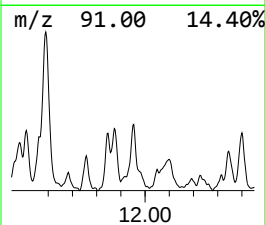
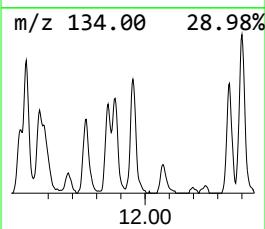
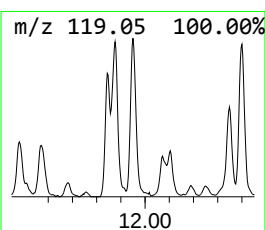
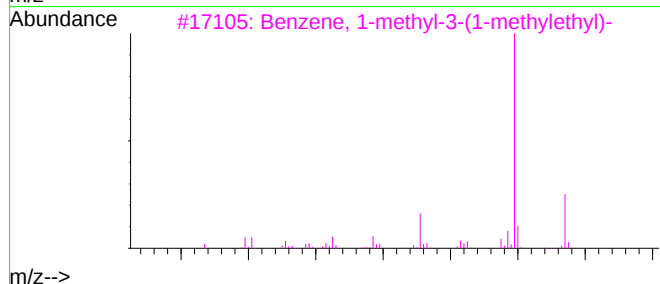
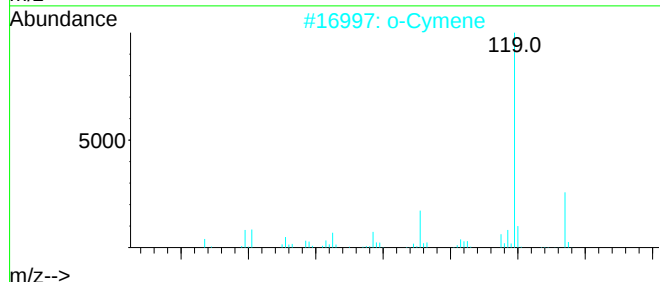
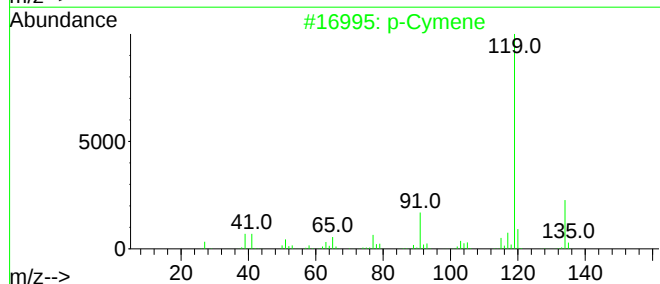
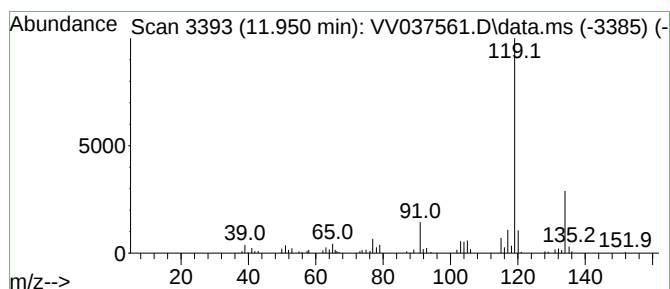
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.950	3.50 ug/L	123885	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037561.D
Acq On : 26 Sep 2024 20:05
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

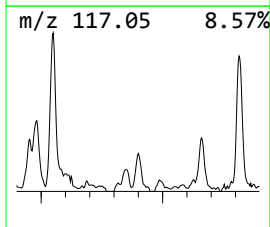
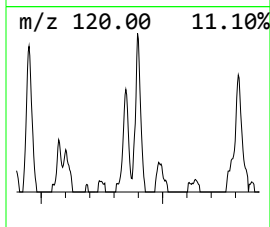
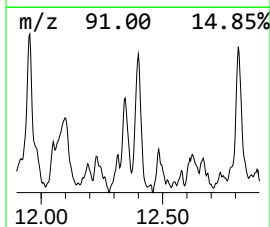
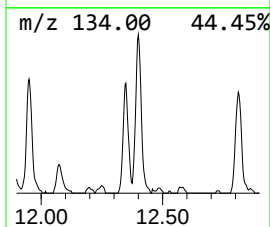
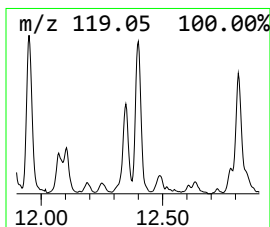
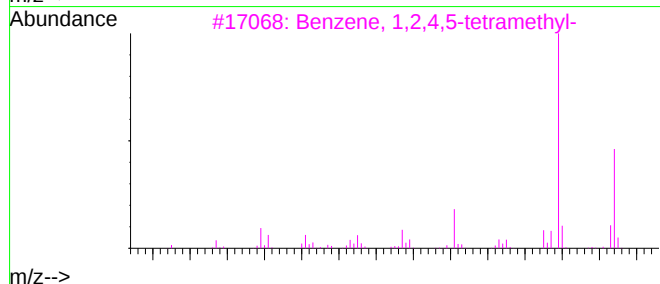
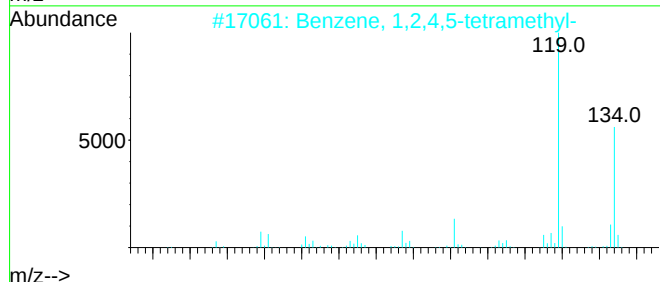
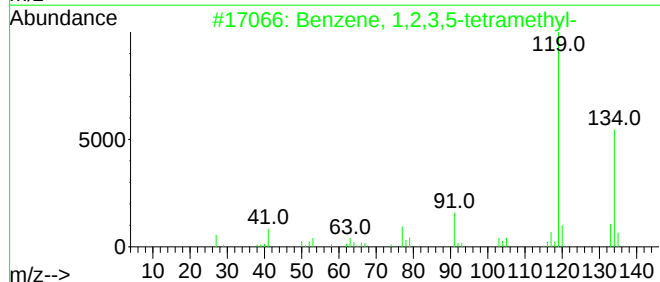
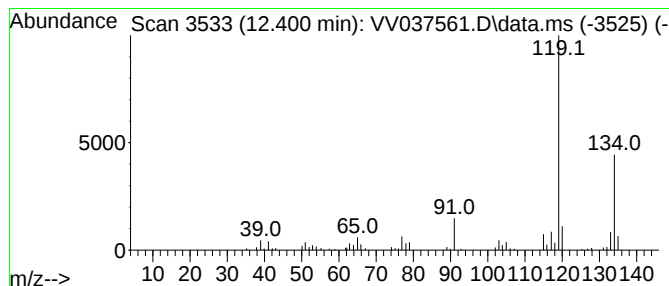
TIC Library : C:\Database\NIST20.L

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.
12.400	2.75 ug/L	97453	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037561.D
Acq On : 26 Sep 2024 20:05
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

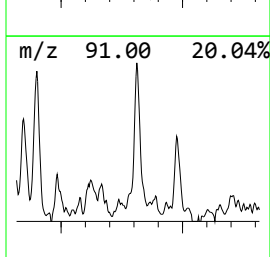
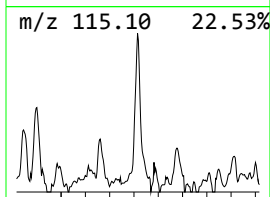
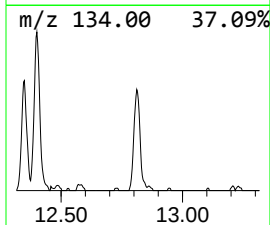
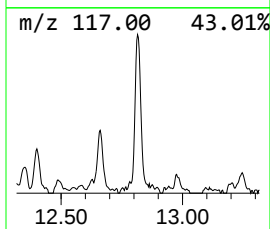
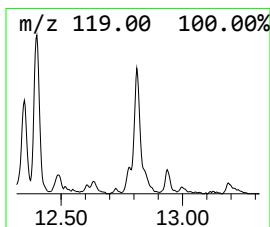
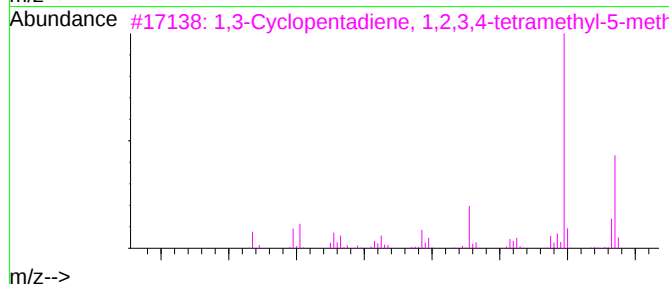
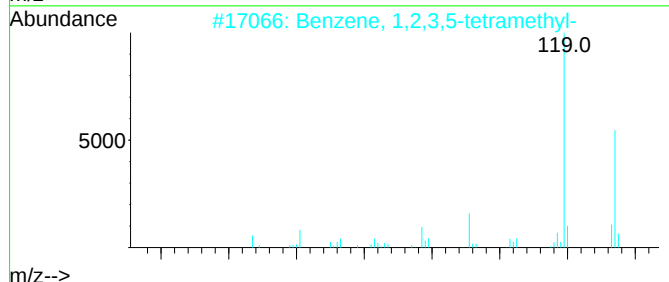
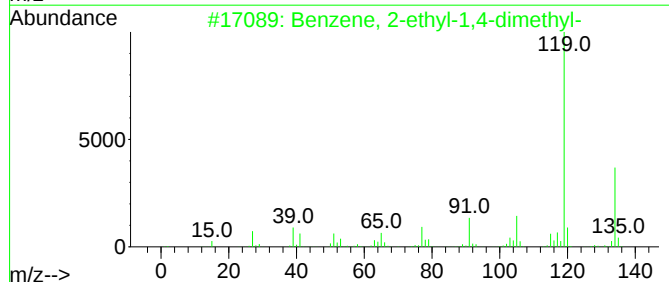
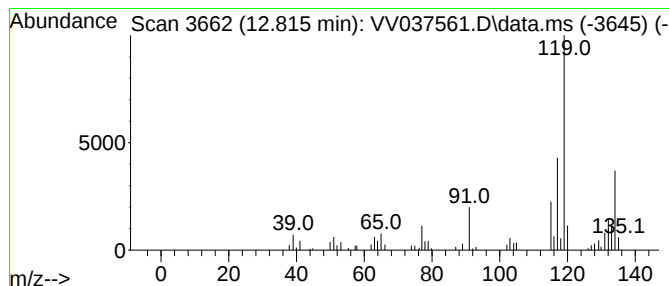
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.815	3.40 ug/L	120345	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	58
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037561.D
Acq On : 26 Sep 2024 20:05
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	5.0	ug/L	177951	3	11.178	1771070	50.0
Benzene, 1,2-di...	11.477	2.8	ug/L	100457	3	11.178	1771070	50.0
p-Cymene	11.950	3.5	ug/L	123885	3	11.178	1771070	50.0
Benzene, 1,2,3,...	12.400	2.8	ug/L	97453	3	11.178	1771070	50.0
Benzene, 2-ethy...	12.815	3.4	ug/L	120345	3	11.178	1771070	50.0