

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037553.D
 Acq On : 26 Sep 2024 17:11
 Operator : SY/MD
 Sample : P4184-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY030

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: VV037553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	11	15	25	rVB4	4694	5989	0.02%	0.003%
2	1.175	35	42	51	rBV	25566	44589	0.15%	0.024%
3	1.281	66	75	103	rBV	4422341	4906034	16.09%	2.624%
4	1.420	112	118	125	rBV9	5258	8586	0.03%	0.005%
5	1.490	136	140	145	rBV6	4003	4396	0.01%	0.002%
6	1.548	145	158	184	rVB2	2757239	3625802	11.89%	1.939%
7	1.667	191	195	202	rVB3	6308	6222	0.02%	0.003%
8	1.738	210	217	220	rBV	23971	28978	0.10%	0.015%
9	1.764	220	225	236	rVB	47066	59910	0.20%	0.032%
10	1.982	290	293	302	rVB10	5910	7814	0.03%	0.004%
11	2.060	306	317	332	rBV2	733201	1116365	3.66%	0.597%
12	2.156	340	347	354	rBV2	16684	20396	0.07%	0.011%
13	2.201	355	361	368	rBV	15574	23851	0.08%	0.013%
14	2.445	421	437	450	rBV4	49790	114504	0.38%	0.061%
15	2.513	452	458	465	rVV3	17143	26816	0.09%	0.014%
16	2.571	468	476	486	rVB2	19780	36840	0.12%	0.020%
17	2.690	500	513	528	rBV	255582	437691	1.44%	0.234%
18	2.957	589	596	608	rVB6	10868	21687	0.07%	0.012%
19	3.105	625	642	674	rVB	7215158	14627910	47.99%	7.823%
20	3.658	800	814	824	rBV3	11724	28576	0.09%	0.015%
21	3.806	843	860	906	rBV	6439937	15055535	49.39%	8.052%
22	4.243	979	996	1025	rBV2	421624	1069716	3.51%	0.572%
23	4.503	1058	1077	1112	rVV	441059	1172909	3.85%	0.627%
24	4.950	1199	1216	1230	rBV2	1054289	2685433	8.81%	1.436%
25	5.137	1268	1274	1275	rBV4	7532	7126	0.02%	0.004%
26	5.220	1297	1300	1312	rVB4	6420	10632	0.03%	0.006%
27	5.400	1348	1356	1361	rBV8	2608	3673	0.01%	0.002%
28	5.529	1384	1396	1430	rBV	786135	1596210	5.24%	0.854%
29	5.828	1477	1489	1518	rBV	307073	641175	2.10%	0.343%
30	5.982	1523	1537	1552	rBV	582858	1199003	3.93%	0.641%
31	6.313	1627	1640	1649	rBV4	11054	24373	0.08%	0.013%
32	6.908	1814	1825	1851	rBV	315051	594982	1.95%	0.318%
33	7.162	1894	1904	1917	rBV2	111636	210286	0.69%	0.112%
34	7.236	1917	1927	1941	rVV	1242224	2167202	7.11%	1.159%
35	7.310	1941	1950	1974	rVB	683488	1219831	4.00%	0.652%
36	7.548	2015	2024	2048	rBV	211767	390316	1.28%	0.209%

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

37	7.776	2086	2095	2113	rVB3	25090	49924	0.16%	0.027%
38	7.902	2117	2134	2148	rVB2	50756	93921	0.31%	0.050%
39	7.982	2153	2159	2163	rBV8	2272	2984	0.01%	0.002%
40	8.024	2163	2172	2194	rBV	395936	752732	2.47%	0.403%
41	8.220	2225	2233	2239	rBV	5260	8148	0.03%	0.004%
42	8.654	2359	2368	2369	rBV7	5389	5780	0.02%	0.003%
43	8.780	2395	2407	2428	rBV	1196335	1993575	6.54%	1.066%
44	8.940	2445	2457	2483	rBV	3369019	5170852	16.96%	2.765%
45	9.066	2483	2496	2534	rVB	8687379	13932744	45.71%	7.451%
46	9.333	2571	2579	2585	rBV7	6221	10561	0.03%	0.006%
47	9.471	2610	2622	2655	rVV	4701910	7095057	23.28%	3.794%
48	9.635	2665	2673	2679	rVB9	6681	11682	0.04%	0.006%
49	9.863	2732	2744	2762	rBV	416566	655564	2.15%	0.351%
50	10.024	2784	2794	2801	rBV7	12613	24764	0.08%	0.013%
51	10.146	2821	2832	2861	rVB	717503	1127147	3.70%	0.603%
52	10.284	2863	2875	2892	rBV	1599548	2419213	7.94%	1.294%
53	10.378	2892	2904	2923	rVV	6557199	13945278	45.75%	7.458%
54	10.471	2923	2933	2952	rVB	3399835	5013308	16.45%	2.681%
55	10.632	2973	2983	2984	rBV	132577	140287	0.46%	0.075%
56	10.667	2984	2994	3023	rVB	5293920	8019424	26.31%	4.289%
57	10.796	3029	3034	3037	rBV2	7333	7068	0.02%	0.004%
58	10.847	3037	3050	3078	rVV	20722323	30482939	100.00%	16.302%
59	10.988	3088	3094	3097	rBV	26676	31916	0.10%	0.017%
60	11.021	3098	3104	3122	rVB	104535	163373	0.54%	0.087%
61	11.127	3122	3137	3144	rBV	246917	379817	1.25%	0.203%
62	11.178	3144	3153	3169	rVV	1513285	2311567	7.58%	1.236%
63	11.265	3169	3180	3200	rVB	5580055	8109452	26.60%	4.337%
64	11.387	3211	3218	3226	rVB2	33267	48982	0.16%	0.026%
65	11.458	3228	3240	3250	rBV	2486117	4012791	13.16%	2.146%
66	11.506	3251	3255	3262	rVB	306790	359956	1.18%	0.193%
67	11.554	3262	3270	3299	rVB3	1618901	3486399	11.44%	1.865%
68	11.680	3300	3309	3320	rVB2	72291	113681	0.37%	0.061%
69	11.751	3320	3331	3348	rVB	234389	377995	1.24%	0.202%
70	11.850	3348	3362	3375	rBV	10724906	17272915	56.66%	9.237%
71	11.947	3385	3392	3414	rVB	695417	1226366	4.02%	0.656%
72	12.046	3414	3423	3458	rVB2	224030	563887	1.85%	0.302%
73	12.191	3464	3468	3474	rBV4	7555	8755	0.03%	0.005%
74	12.246	3475	3485	3498	rVB	196737	308810	1.01%	0.165%
75	12.345	3508	3516	3524	rVV	310390	425666	1.40%	0.228%
76	12.397	3524	3532	3552	rVB	570116	857202	2.81%	0.458%

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77	12.487	3553	3560	3565	rBV6	10373	14008	0.05%	0.007%
78	12.522	3565	3571	3576	rBV4	7252	8410	0.03%	0.004%
79	12.657	3604	3613	3630	rVB	155226	239359	0.79%	0.128%
80	12.725	3630	3634	3643	rVB10	5866	9201	0.03%	0.005%
81	12.812	3643	3661	3677	rBV2	613733	980596	3.22%	0.524%
82	12.882	3678	3683	3693	rVV4	20049	35148	0.12%	0.019%
83	12.934	3695	3699	3700	rVV4	7274	6011	0.02%	0.003%
84	12.976	3704	3712	3731	rVB2	114467	192149	0.63%	0.103%
85	13.091	3737	3748	3759	rBV6	35246	67681	0.22%	0.036%
86	13.149	3760	3766	3774	rVB5	9815	13830	0.05%	0.007%
87	13.204	3774	3783	3789	rBV3	27076	41619	0.14%	0.022%
88	13.300	3808	3813	3818	rBV3	7345	7366	0.02%	0.004%
89	13.332	3820	3823	3832	rVB4	8731	10514	0.03%	0.006%
90	13.371	3832	3835	3842	rVB8	3594	4394	0.01%	0.002%
91	13.432	3843	3854	3883	rBV	585208	968938	3.18%	0.518%
92	13.844	3975	3982	3994	rVB7	5683	12055	0.04%	0.006%
93	14.017	4030	4036	4037	rVV6	6142	5093	0.02%	0.003%
94	14.033	4038	4041	4053	rVB6	7789	12204	0.04%	0.007%
95	14.165	4074	4082	4091	rBV5	5481	8806	0.03%	0.005%
96	14.226	4095	4101	4110	rVB9	4448	6502	0.02%	0.003%
97	14.358	4136	4142	4143	rBV4	3873	2610	0.01%	0.001%
98	14.567	4199	4207	4221	rBV	30383	53296	0.17%	0.029%
99	14.750	4250	4264	4280	rVV3	20968	43579	0.14%	0.023%
100	16.114	4681	4688	4697	rBV10	14338	20647	0.07%	0.011%

Sum of corrected areas: 186987856

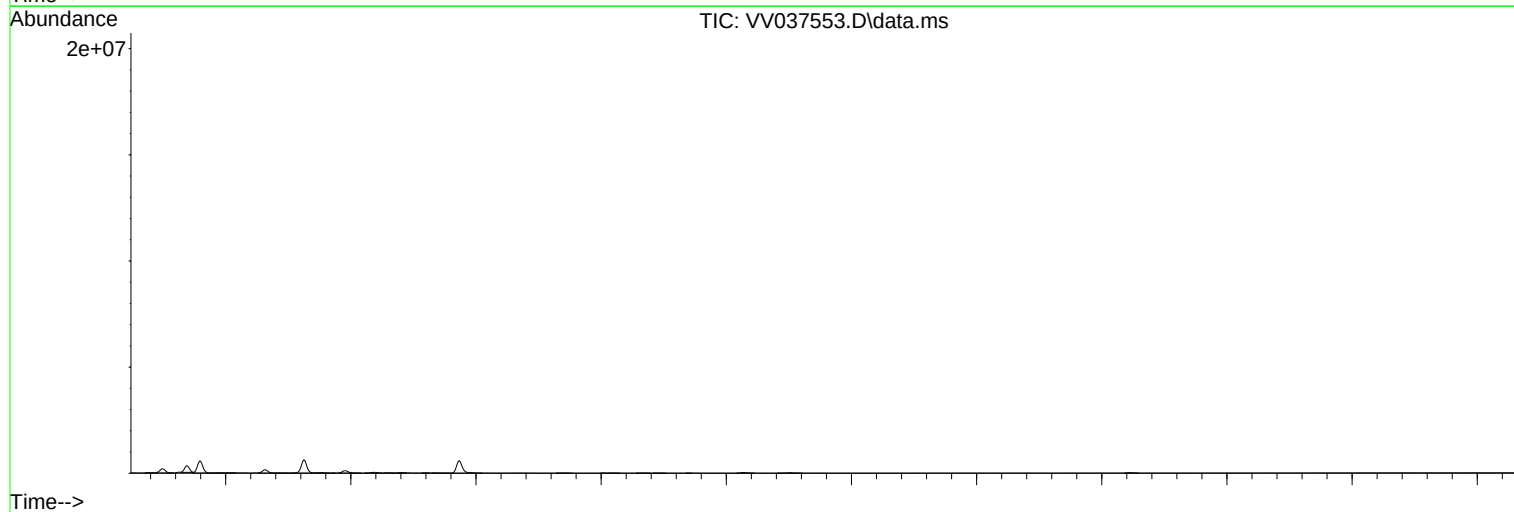
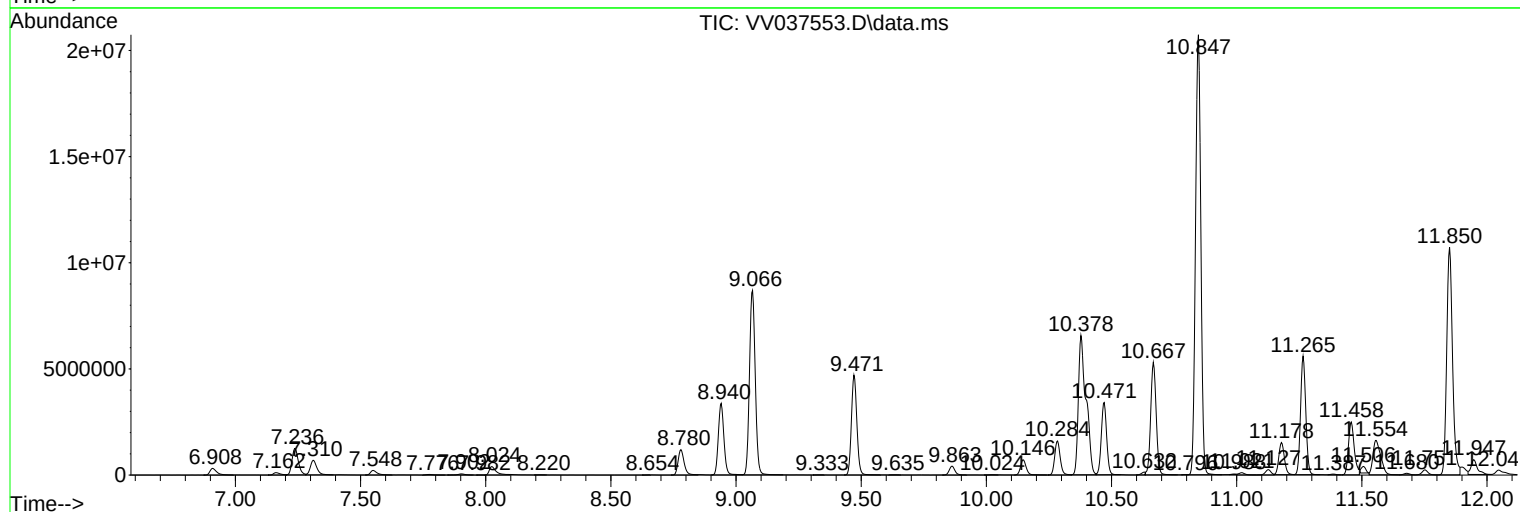
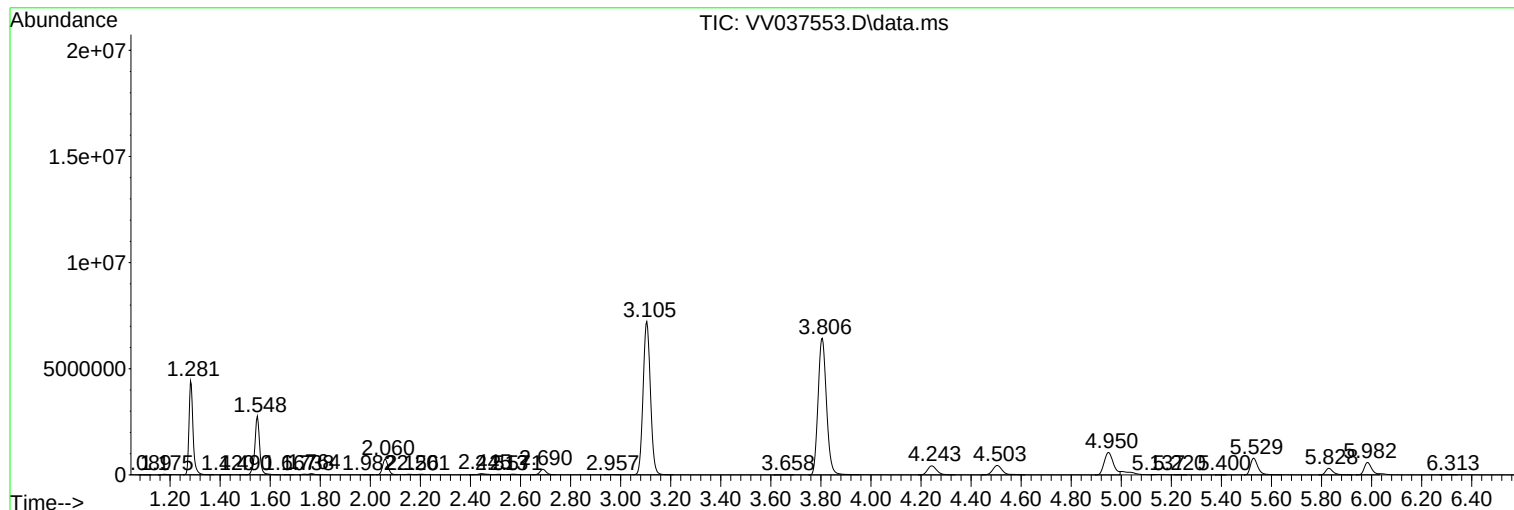
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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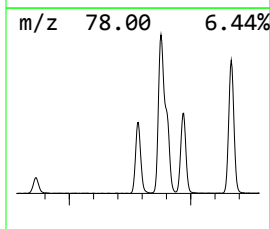
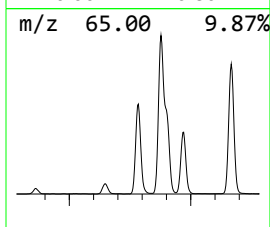
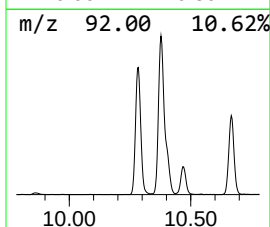
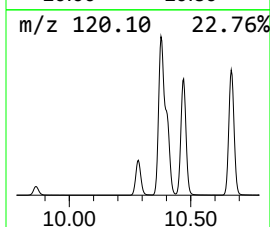
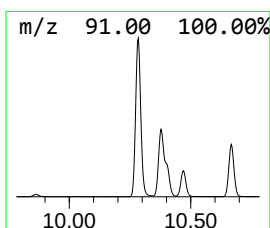
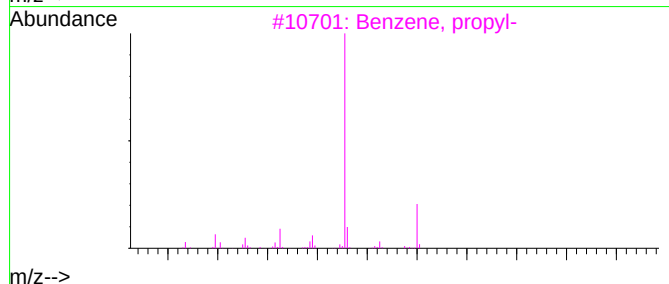
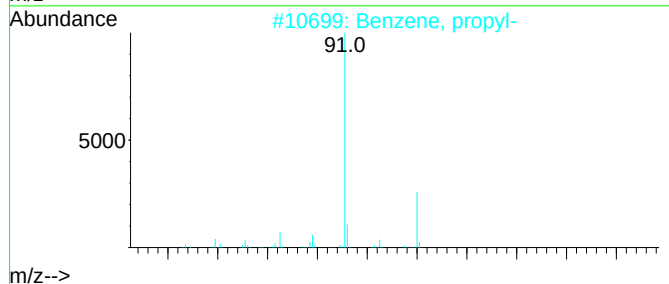
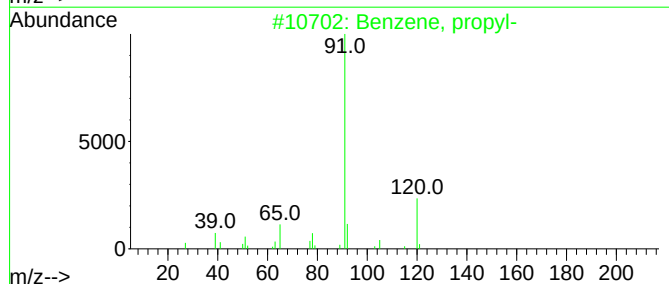
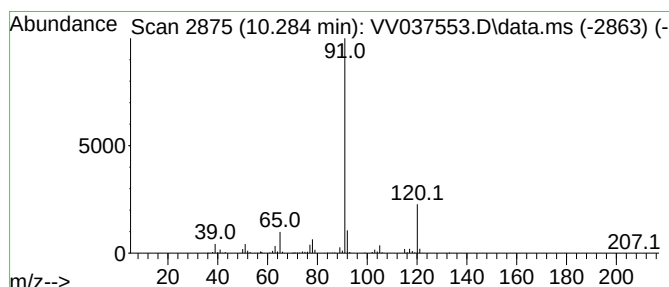
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.284	52.33 ug/L	2419210	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	90
3	Benzene, propyl-		120	C9H12	000103-65-1	90
4	Benzene, propyl-		120	C9H12	000103-65-1	90
5	N-Benzyl-2-phenethylamine		211	C15H17N	003647-71-0	83



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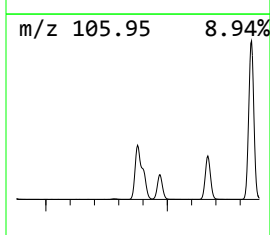
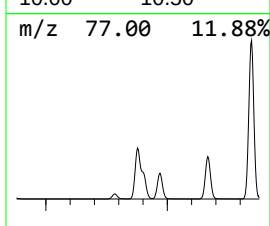
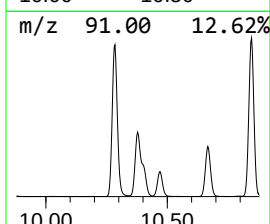
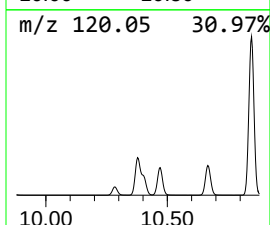
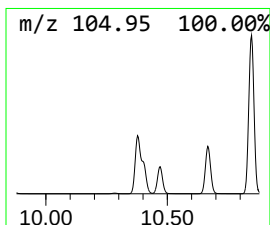
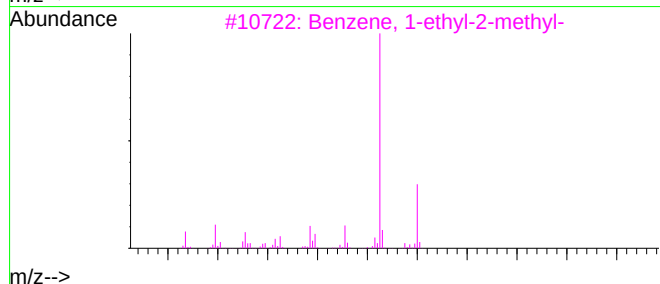
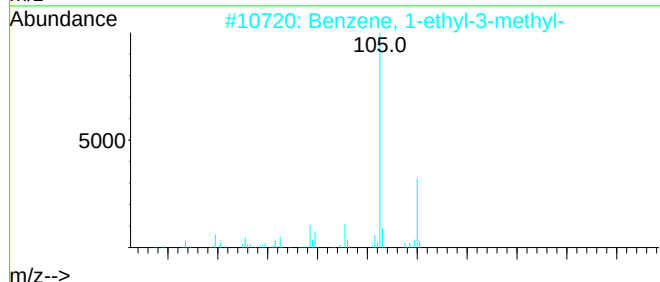
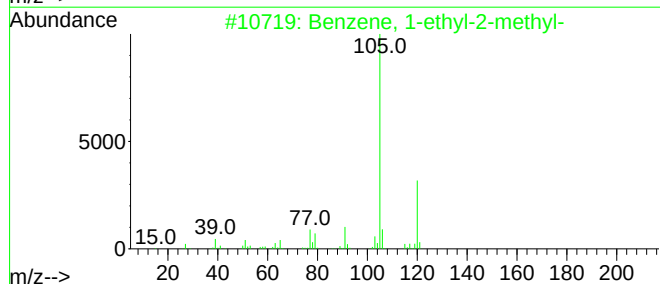
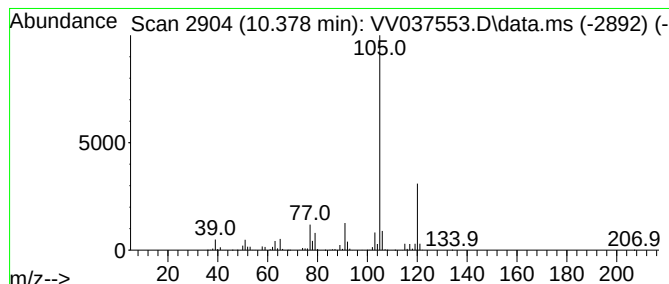
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.378	301.64 ug/L	13945300	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	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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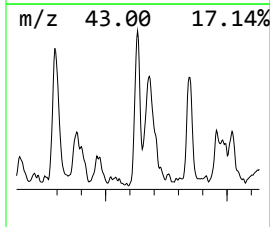
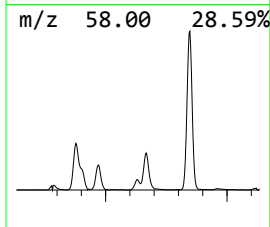
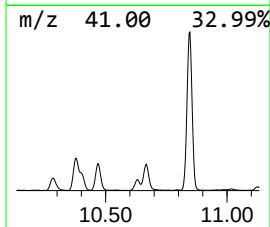
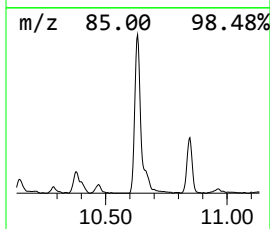
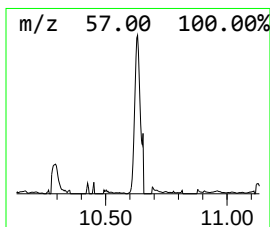
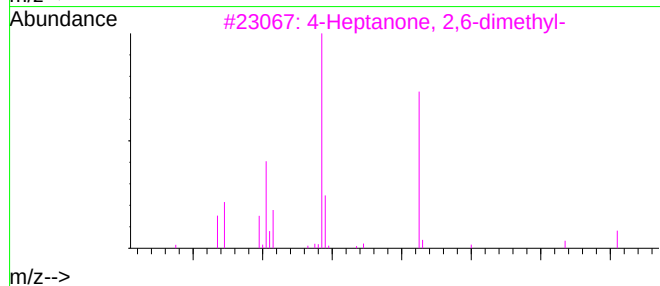
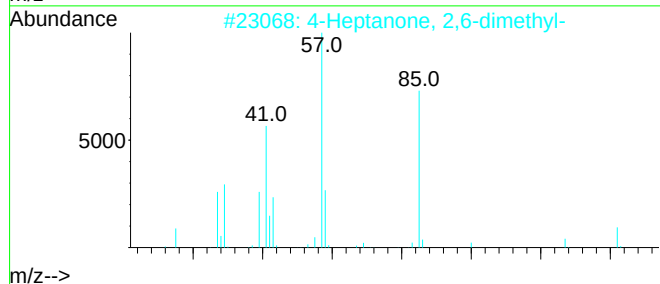
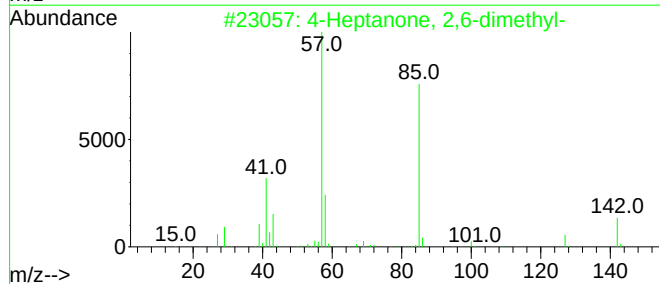
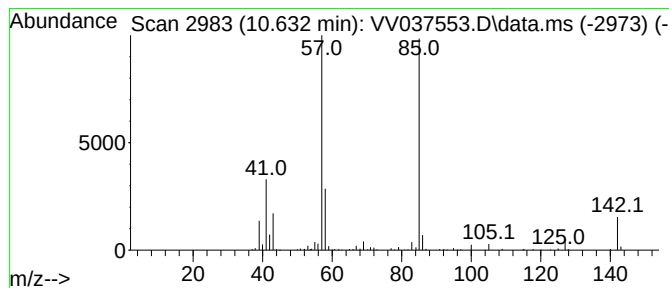
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 4-Heptanone, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.632	3.03 ug/L	140287	1,4-Dichlorobenzene-d4			11.178
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-		142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-		142	C9H18O	000108-83-8	91
3	4-Heptanone, 2,6-dimethyl-		142	C9H18O	000108-83-8	90
4	4-Heptanone, 2,6-dimethyl-		142	C9H18O	000108-83-8	78
5	5-Nonanone		142	C9H18O	000502-56-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

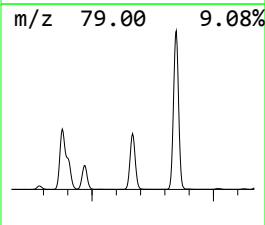
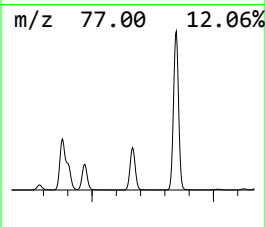
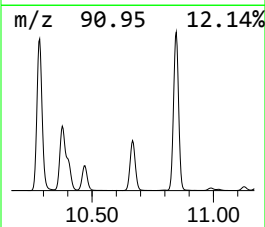
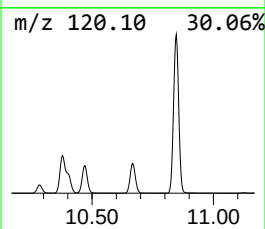
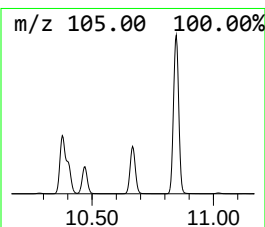
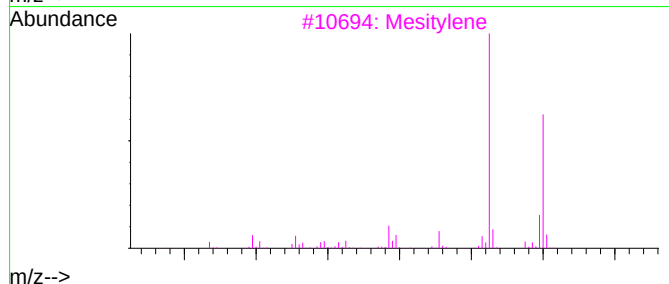
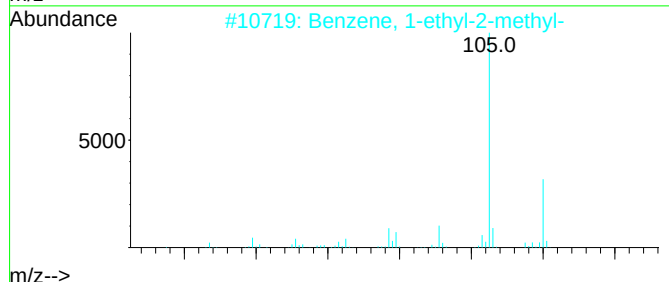
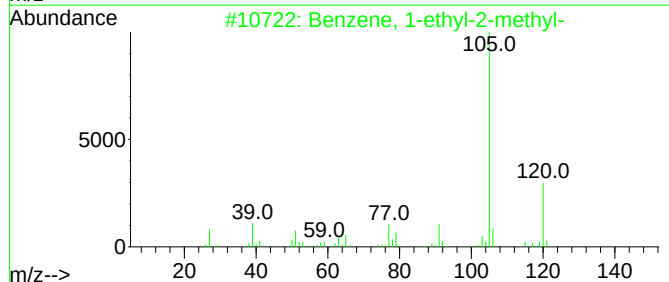
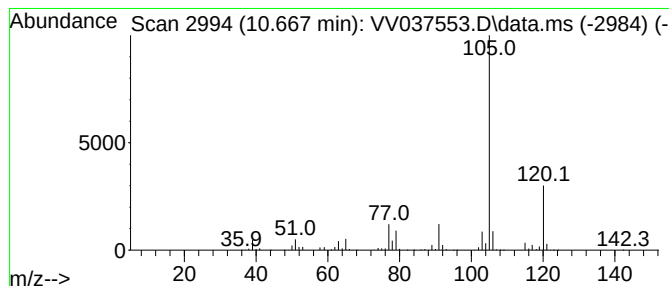
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	173.46 ug/L	8019420	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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

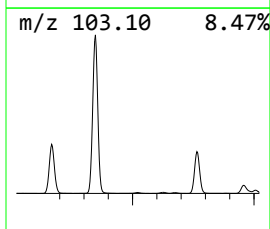
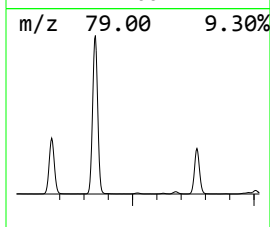
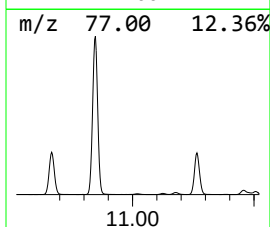
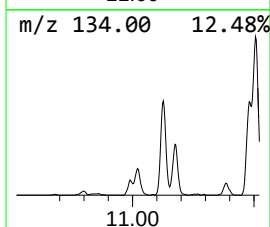
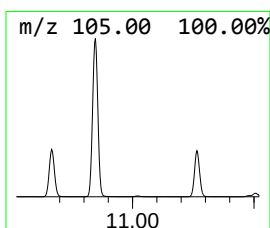
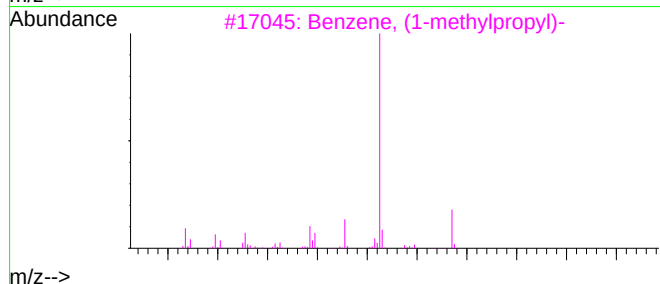
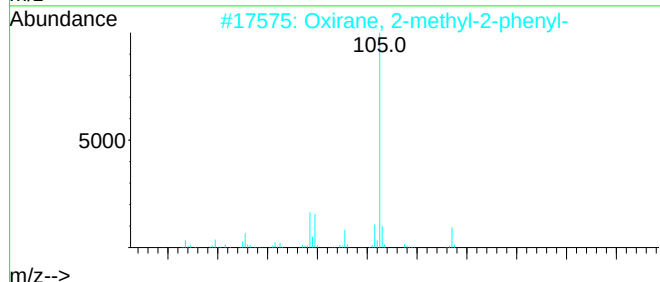
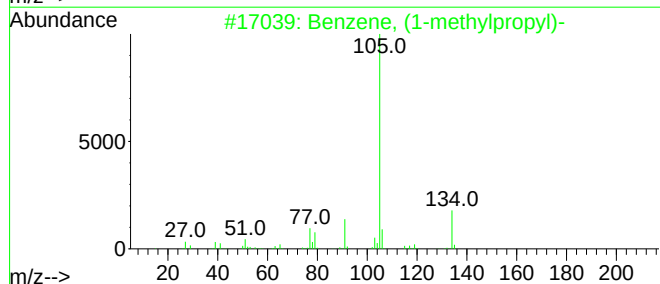
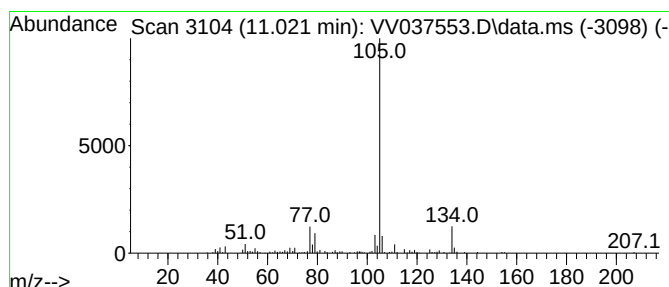
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.021	3.53 ug/L	163373	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

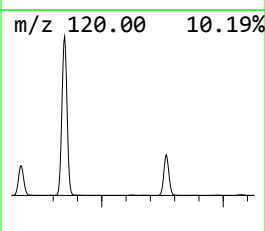
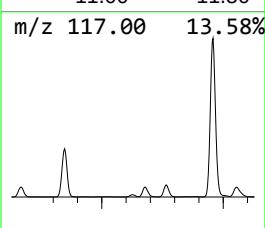
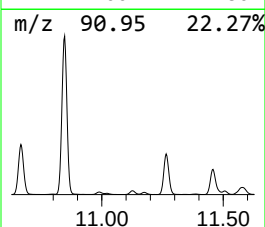
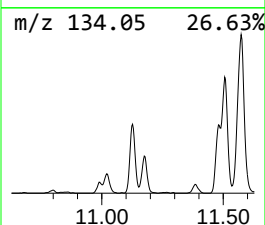
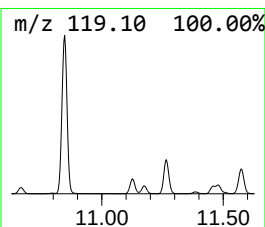
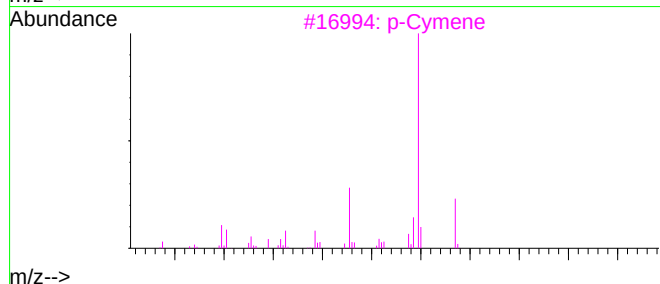
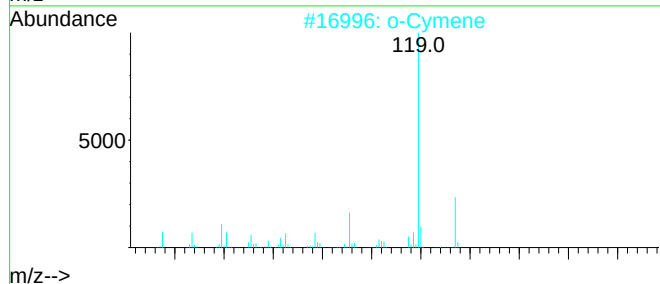
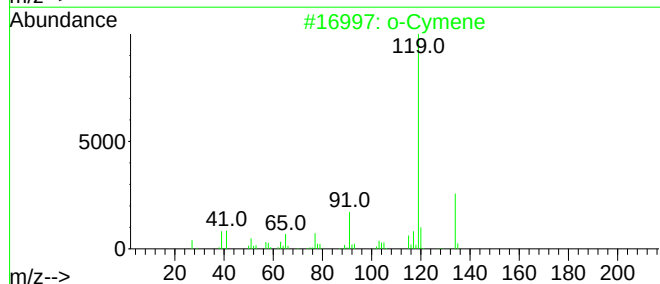
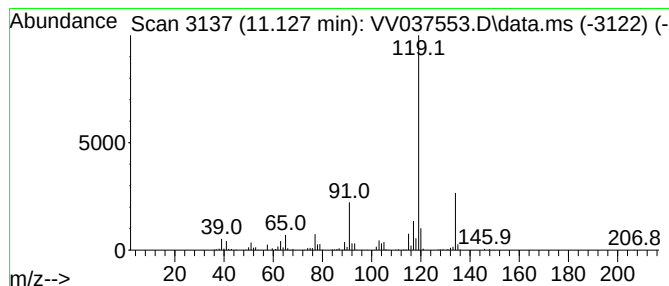
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	8.22 ug/L	379817	1,4-Dichlorobenzene-d4	11.178

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

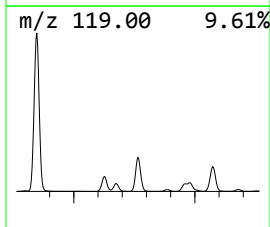
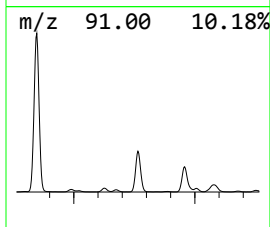
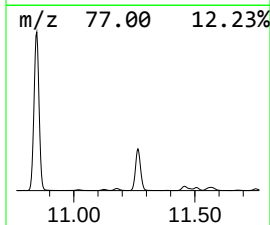
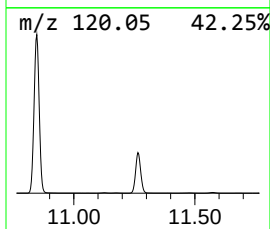
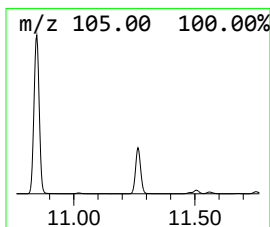
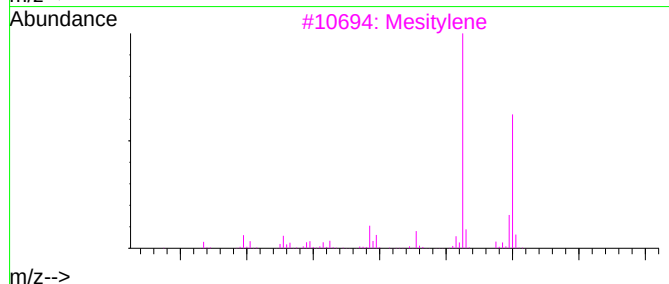
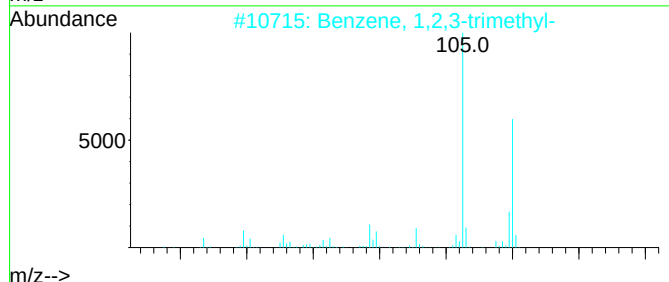
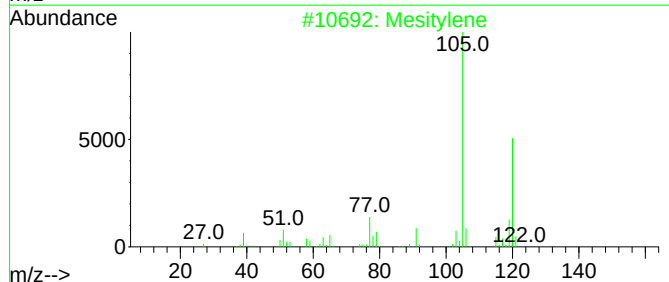
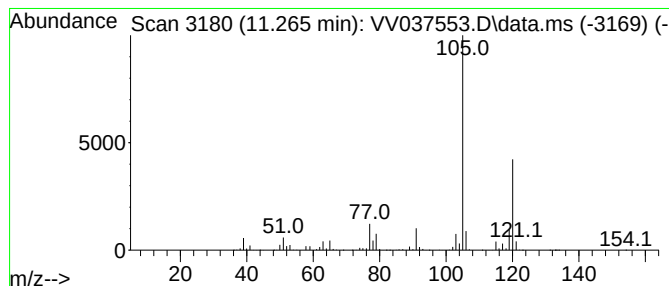
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.265	175.41 ug/L	8109450	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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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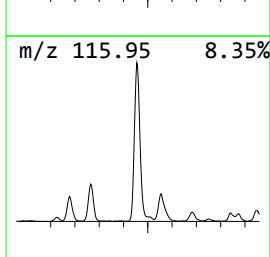
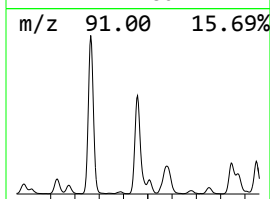
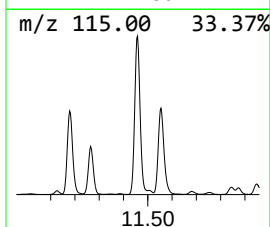
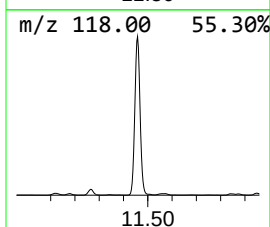
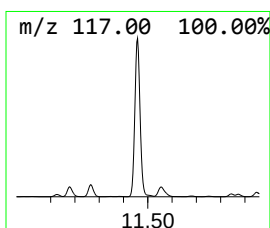
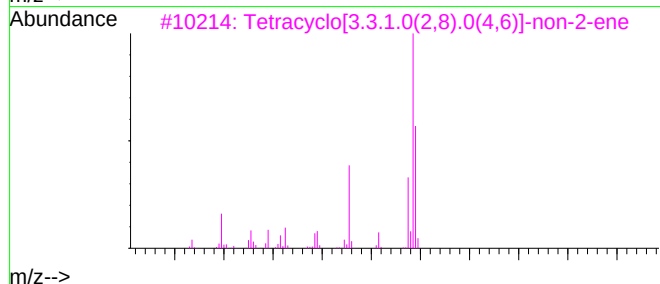
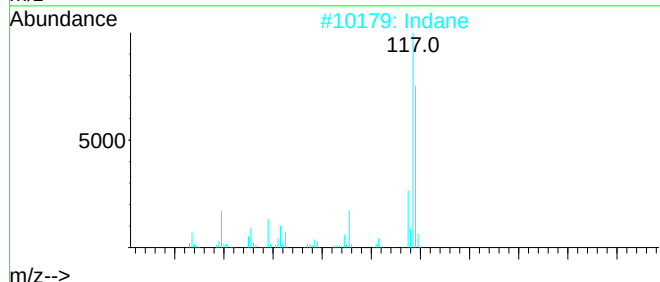
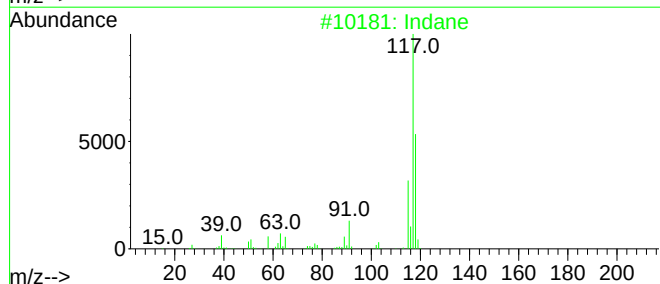
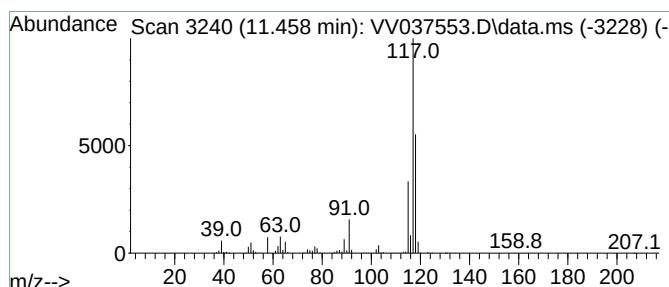
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.458	86.80 ug/L	4012790	1,4-Dichlorobenzene-d4	11.178	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Deltacyclene	118	C9H10	007785-10-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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

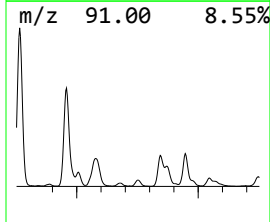
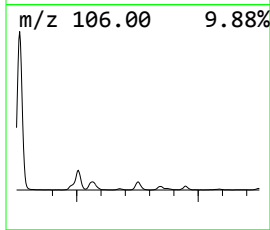
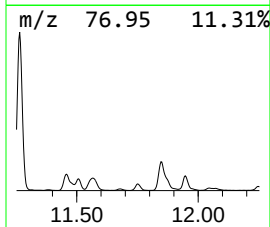
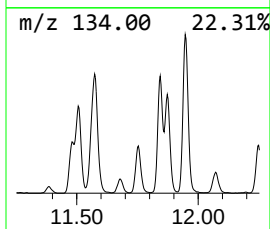
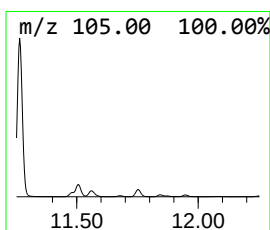
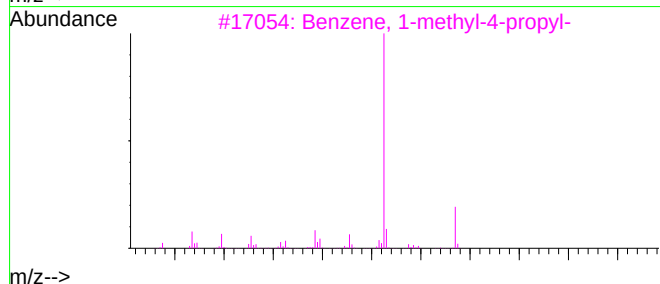
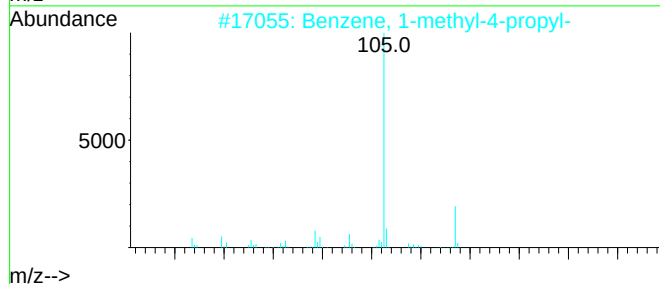
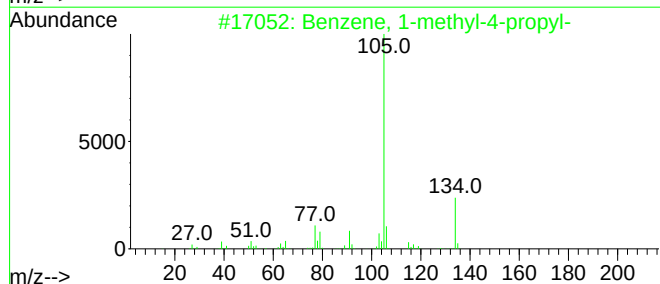
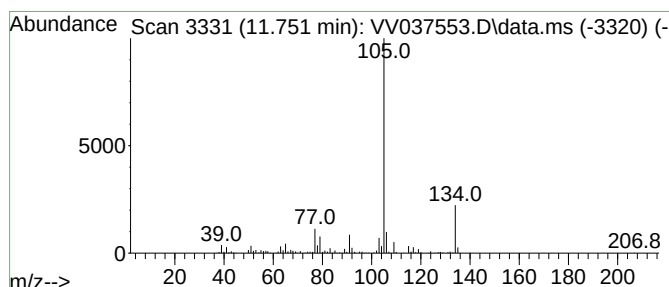
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	8.18 ug/L	377995	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

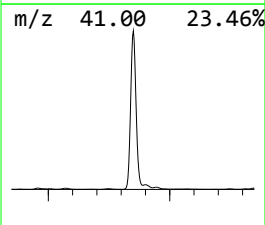
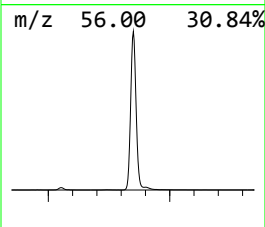
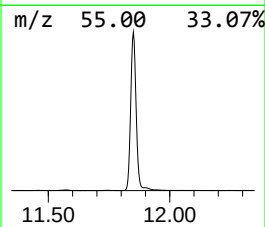
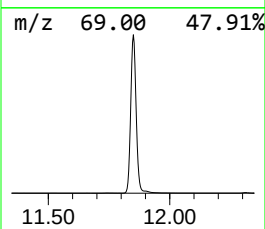
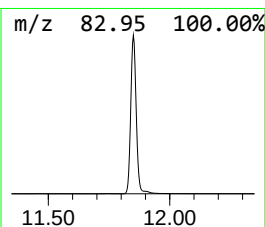
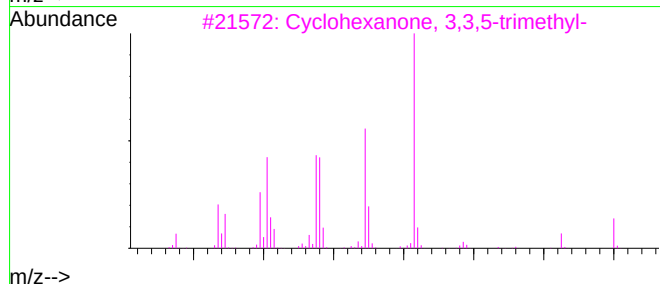
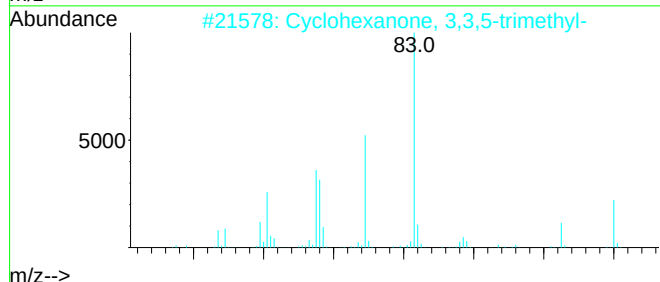
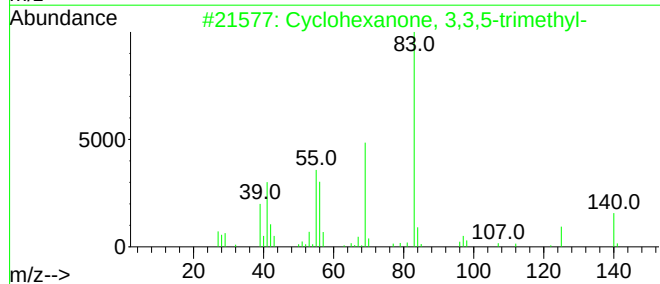
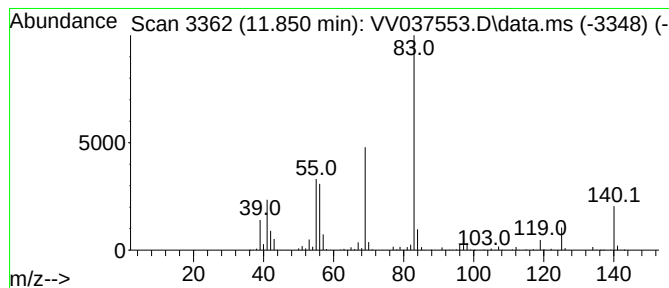
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.850	373.62 ug/L	17272900	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	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

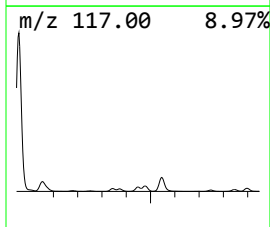
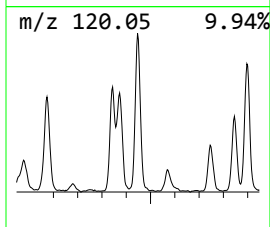
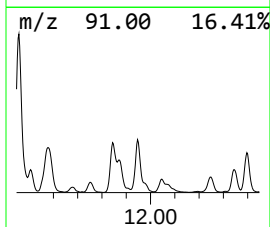
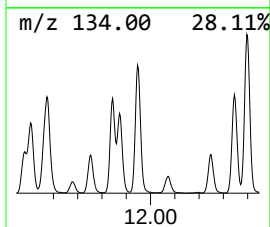
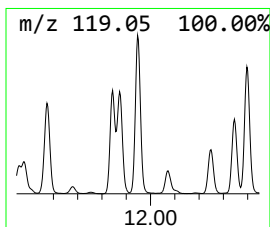
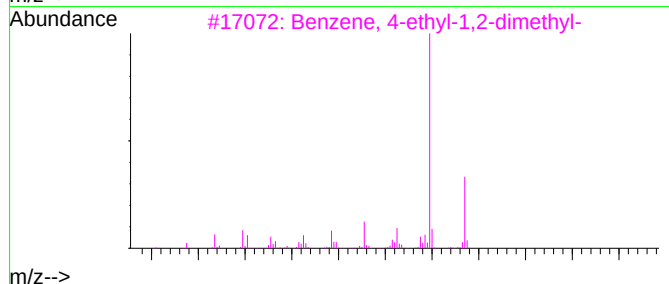
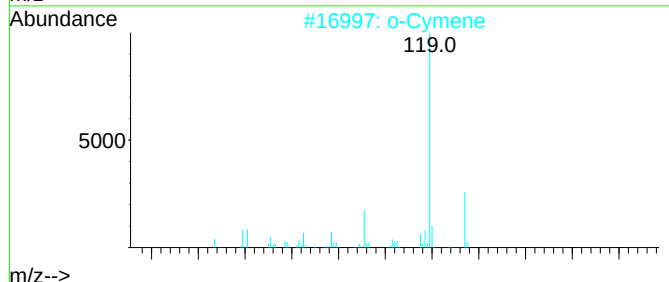
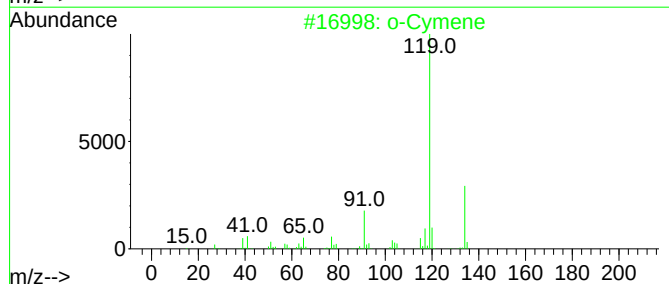
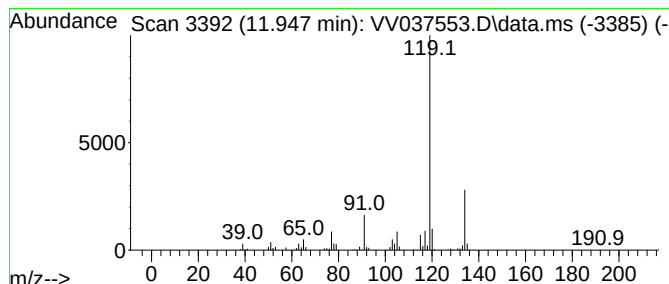
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.947	26.53 ug/L	1226370	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	95
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	95
5	p-Cymene		134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

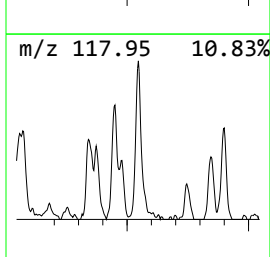
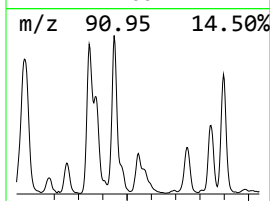
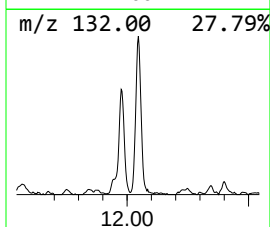
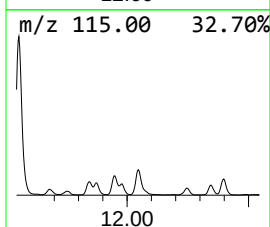
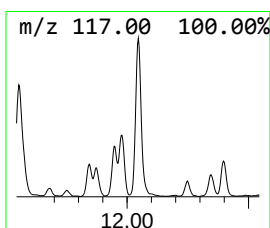
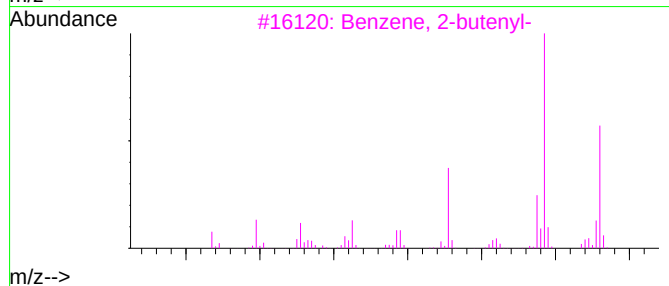
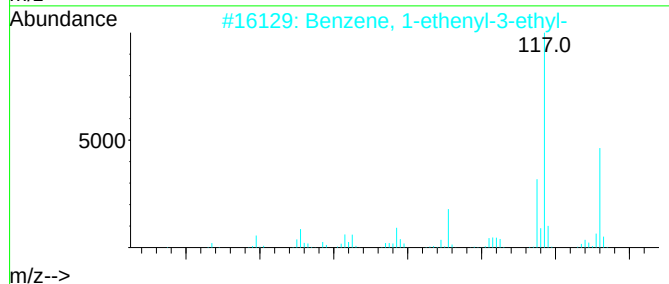
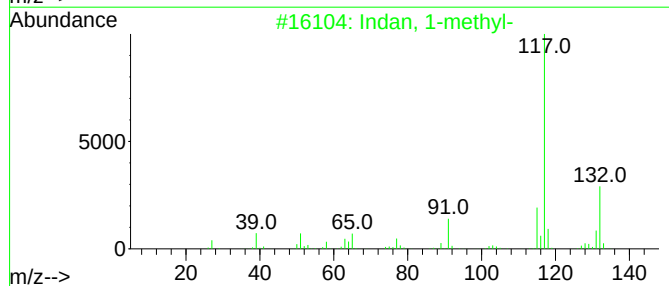
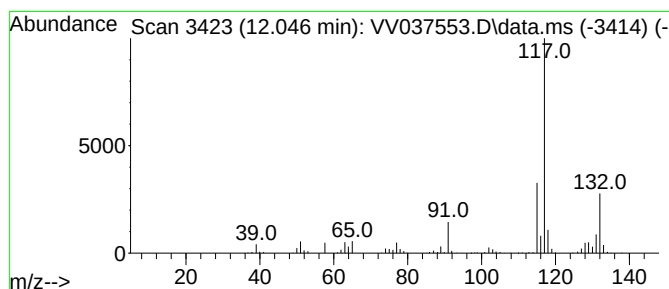
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.046	12.20 ug/L	563887	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

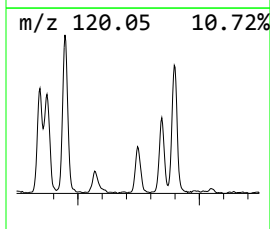
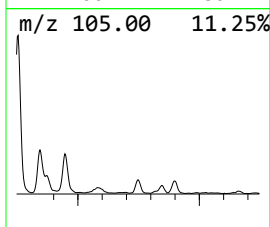
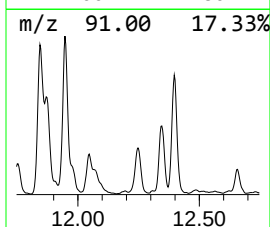
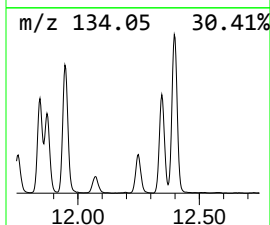
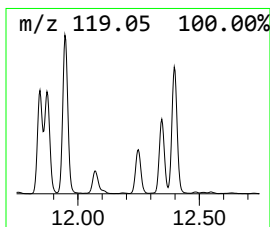
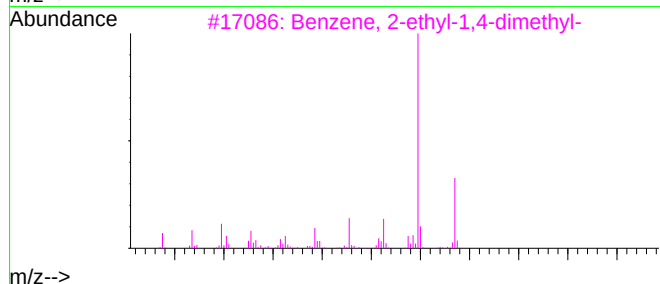
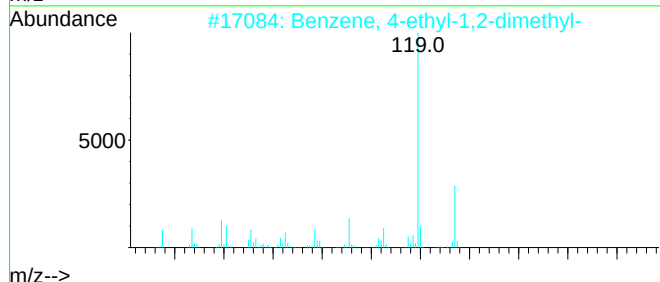
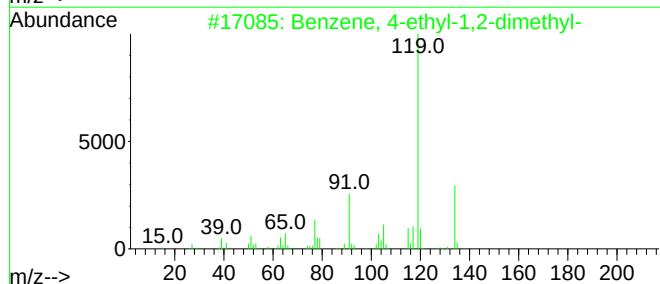
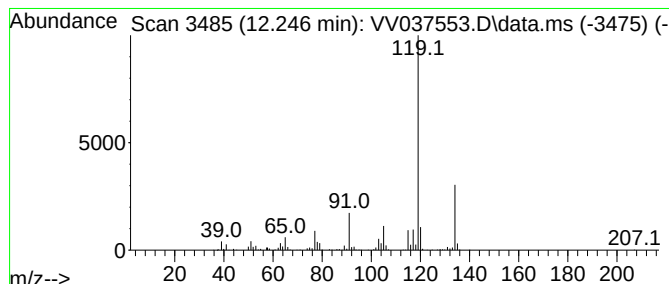
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	6.68 ug/L	308810	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

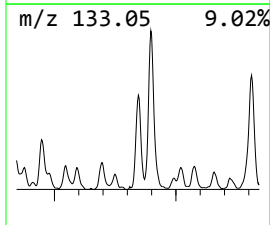
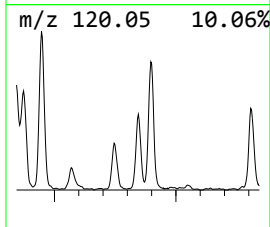
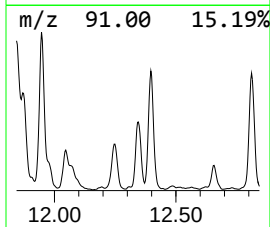
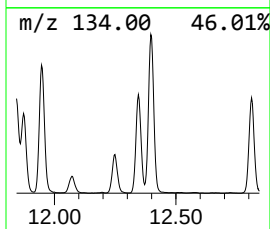
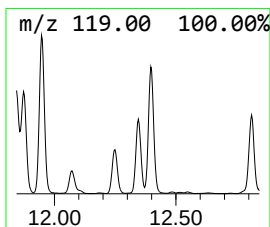
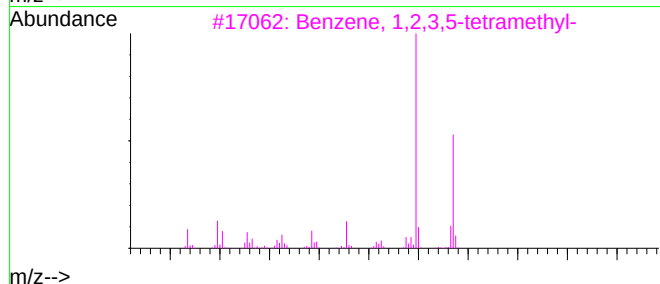
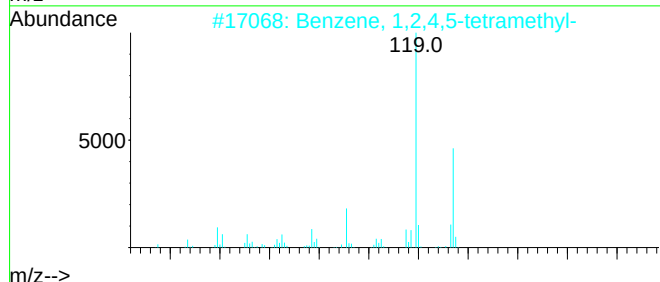
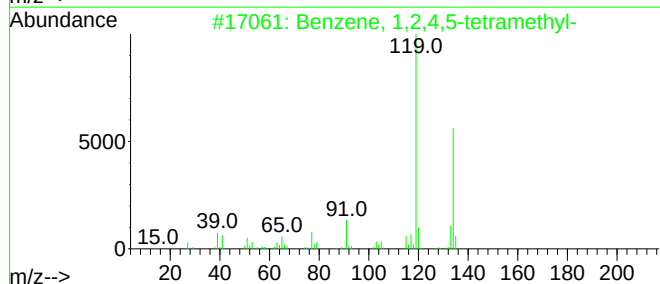
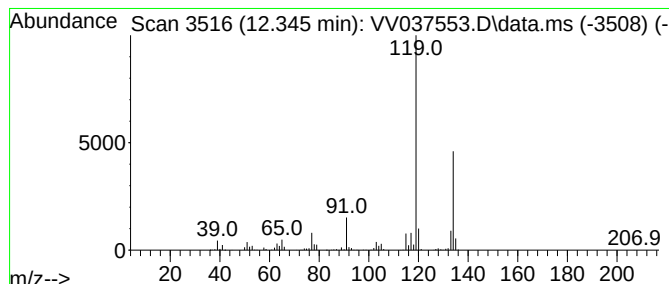
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	9.21 ug/L	425666	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	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

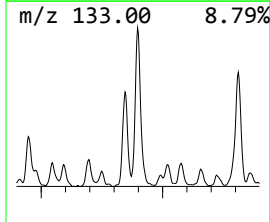
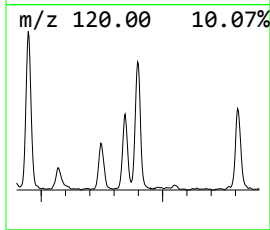
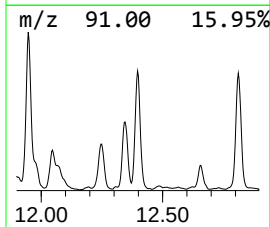
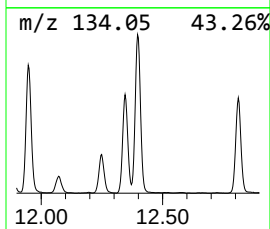
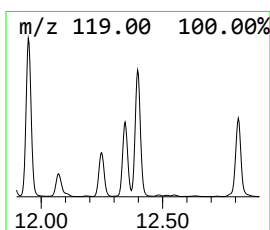
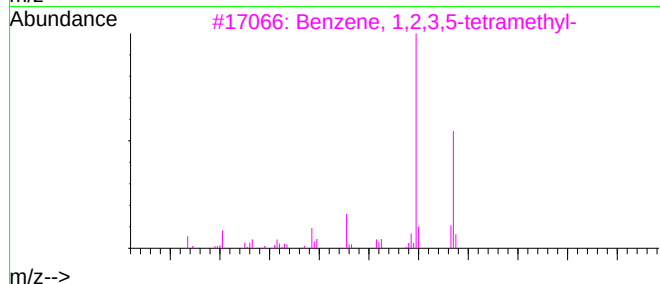
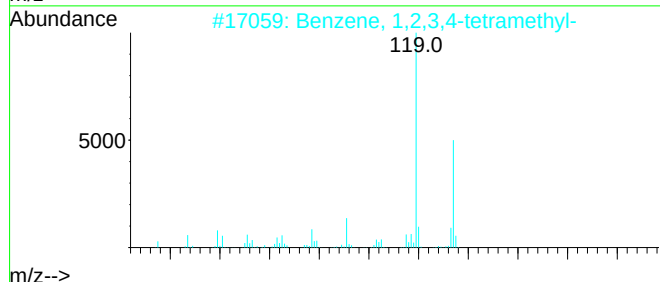
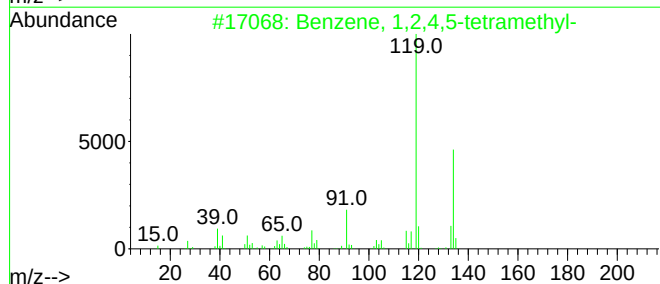
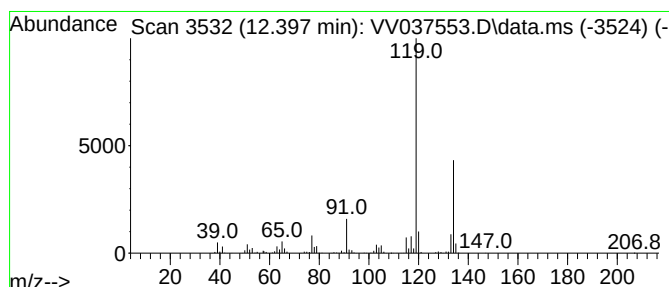
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	18.54 ug/L	857202	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

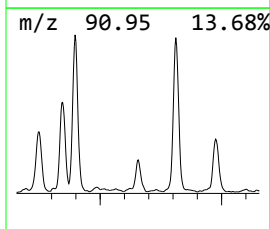
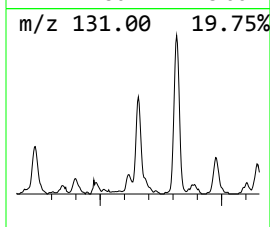
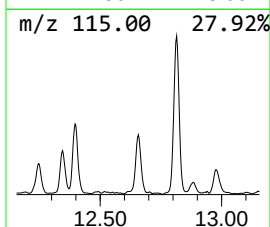
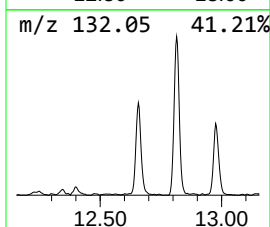
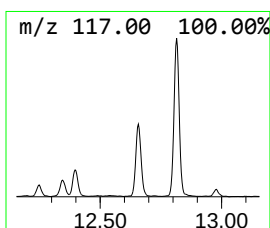
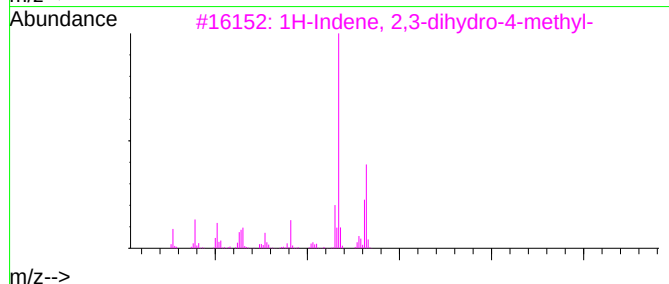
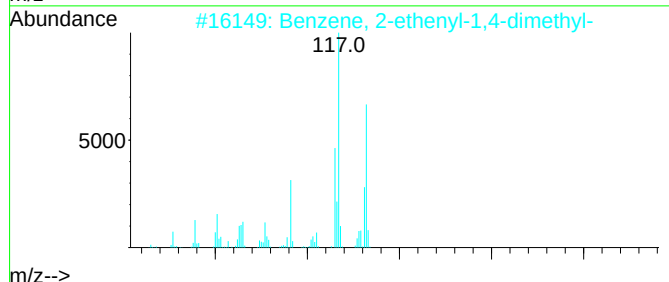
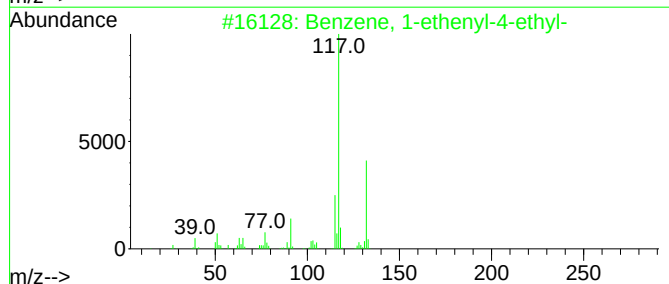
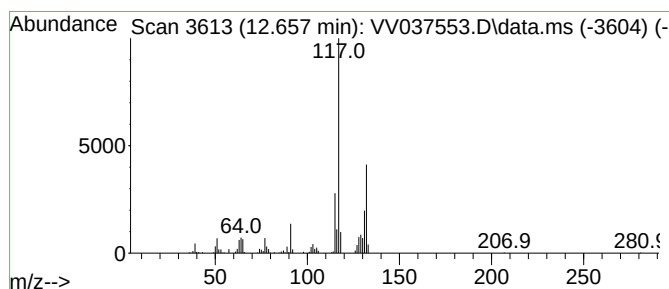
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	5.18 ug/L	239359	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

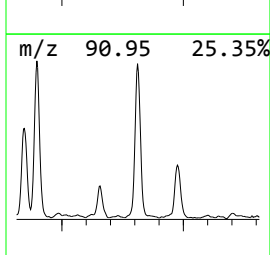
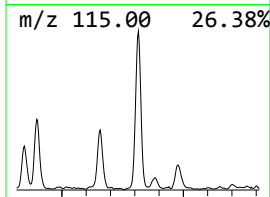
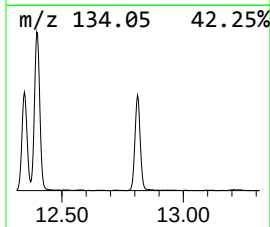
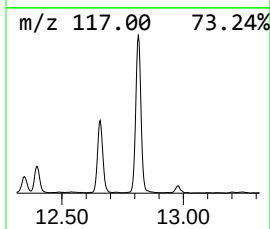
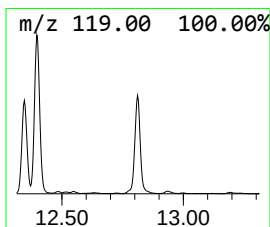
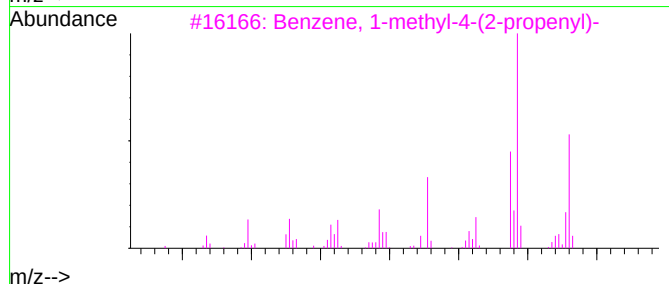
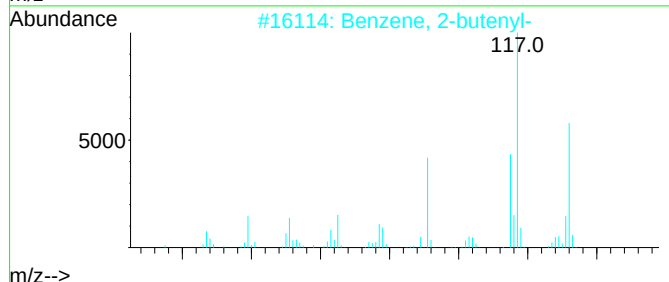
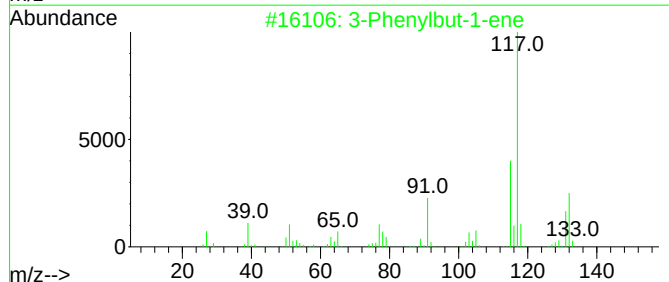
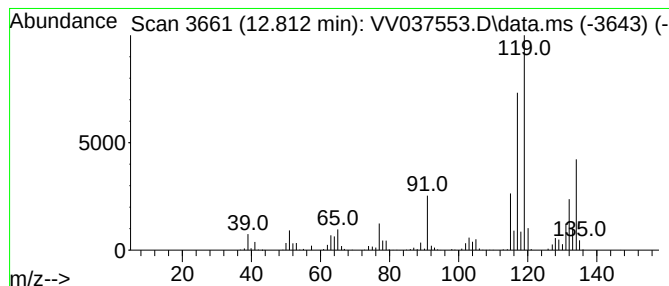
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	21.21 ug/L	980596	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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

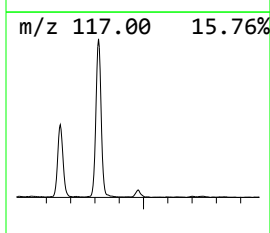
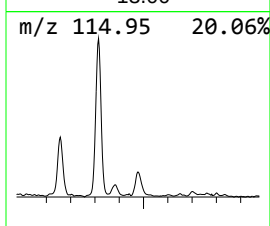
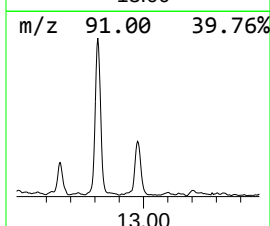
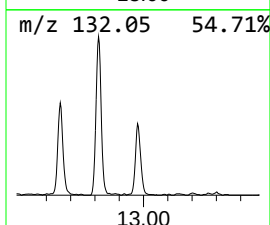
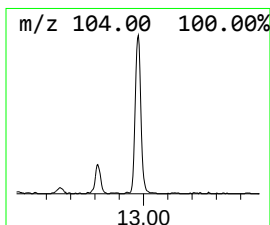
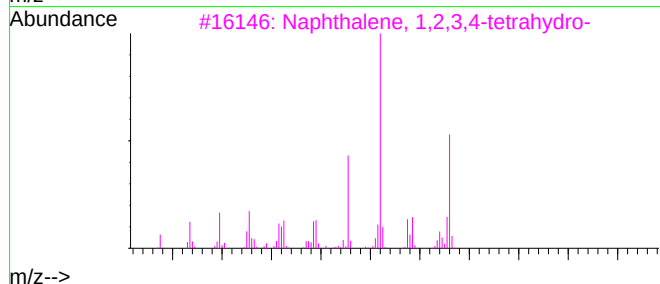
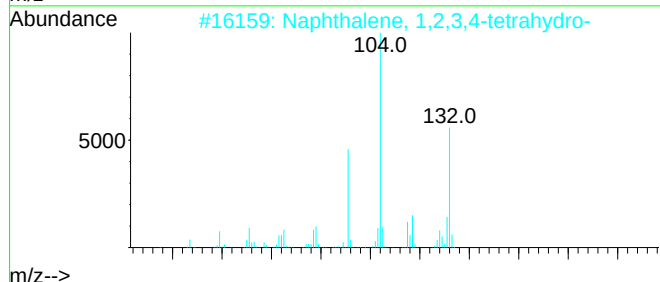
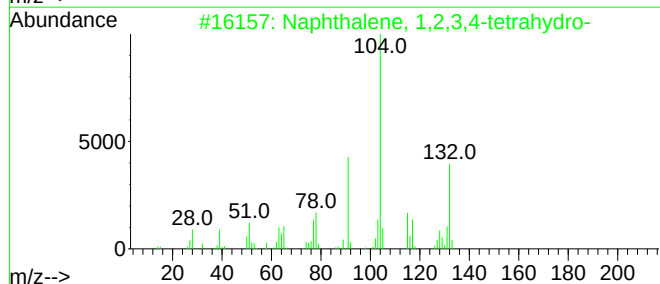
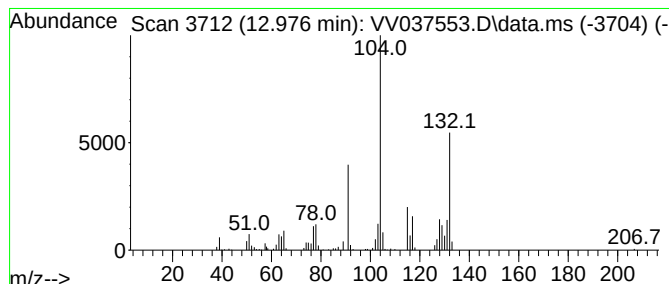
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	4.16 ug/L	192149	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

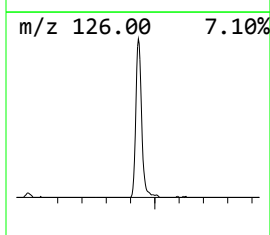
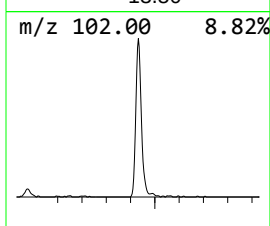
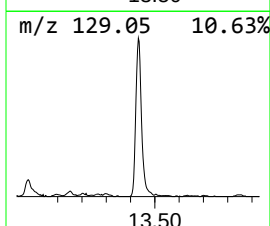
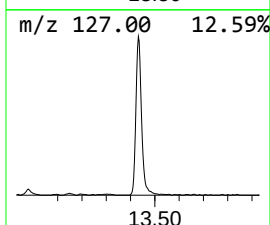
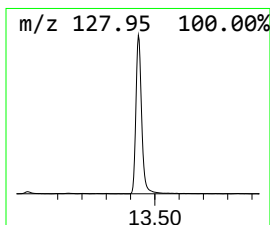
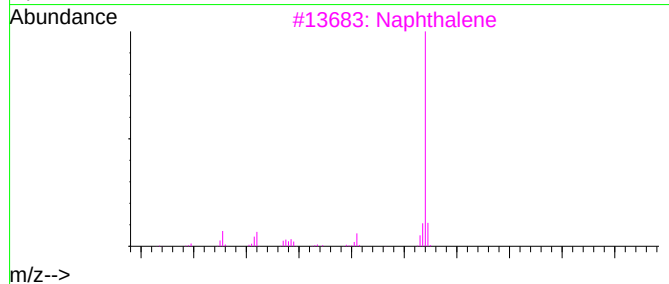
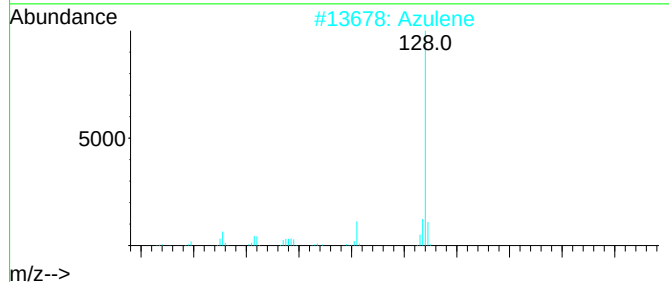
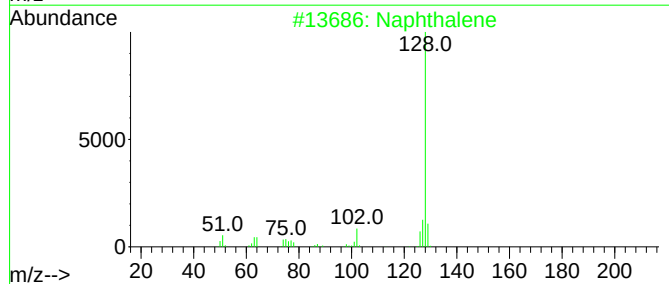
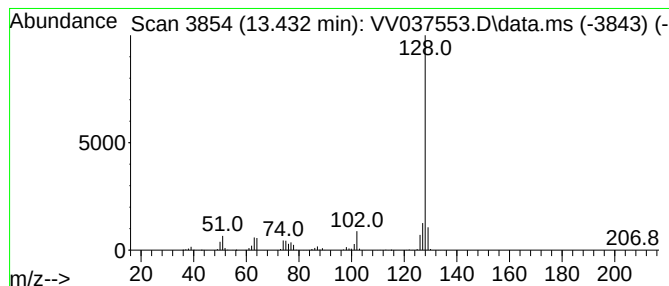
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.432	20.96 ug/L	968938	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene		128	C10H8	000091-20-3	95
2	Azulene		128	C10H8	000275-51-4	93
3	Naphthalene		128	C10H8	000091-20-3	93
4	Azulene		128	C10H8	000275-51-4	91
5	Azulene		128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037553.D
Acq On : 26 Sep 2024 17:11
Operator : SY/MD
Sample : P4184-02
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY030

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, propyl-	10.284	52.3	ug/L	2419210	3	11.178	2311570	50.0
Benzene, 1-ethy...	10.378	301.6	ug/L	13945300	3	11.178	2311570	50.0
4-Heptanone, 2,...	10.632	3.0	ug/L	140287	3	11.178	2311570	50.0
Benzene, 1-ethy...	10.667	173.5	ug/L	8019420	3	11.178	2311570	50.0
Benzene, (1-met...	11.021	3.5	ug/L	163373	3	11.178	2311570	50.0
Benzene, 1-meth...	11.127	8.2	ug/L	379817	3	11.178	2311570	50.0
Benzene, 1,2,3-...	11.265	175.4	ug/L	8109450	3	11.178	2311570	50.0
Indane	11.458	86.8	ug/L	4012790	3	11.178	2311570	50.0
Benzene, 1-meth...	11.751	8.2	ug/L	377995	3	11.178	2311570	50.0
Cyclohexanone, ...	11.850	373.6	ug/L	17272900	3	11.178	2311570	50.0
o-Cymene	11.947	26.5	ug/L	1226370	3	11.178	2311570	50.0
Indan, 1-methyl-	12.046	12.2	ug/L	563887	3	11.178	2311570	50.0
Benzene, 4-ethy...	12.246	6.7	ug/L	308810	3	11.178	2311570	50.0
Benzene, 1,2,4,...	12.345	9.2	ug/L	425666	3	11.178	2311570	50.0
Benzene, 1,2,3,...	12.397	18.5	ug/L	857202	3	11.178	2311570	50.0
Benzene, 1-ethe...	12.657	5.2	ug/L	239359	3	11.178	2311570	50.0
3-Phenylbut-1-ene	12.812	21.2	ug/L	980596	3	11.178	2311570	50.0
Naphthalene, 1,...	12.976	4.2	ug/L	192149	3	11.178	2311570	50.0
Azulene	13.432	21.0	ug/L	968938	3	11.178	2311570	50.0