

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035851.D
 Acq On : 28 May 2024 17:04
 Operator : SY/MD
 Sample : P2632-03
 Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBW9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M

Title : VOC Analysis

Signal : TIC: VV035851.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	90	rVB	283188	316058	3.10%	0.786%
2	1.529	144	152	171	rVB	240819	290271	2.84%	0.722%
3	2.053	305	315	330	rBV	478561	700290	6.86%	1.741%
4	2.442	426	436	455	rBV	70596	123044	1.20%	0.306%
5	2.555	460	471	488	rVB	27943	59037	0.58%	0.147%
6	2.963	586	598	614	rBV3	19683	39649	0.39%	0.099%
7	3.053	623	626	631	rBV5	638	581	0.01%	0.001%
8	3.317	706	708	715	rVB4	731	647	0.01%	0.002%
9	3.433	739	744	749	rBV3	446	638	0.01%	0.002%
10	3.558	780	783	786	rBV2	372	288	0.00%	0.001%
11	3.841	851	871	917	rBV3	64762	358238	3.51%	0.891%
12	4.246	981	997	1028	rBV	314366	835884	8.19%	2.078%
13	4.609	1105	1110	1114	rVB5	1015	858	0.01%	0.002%
14	4.654	1121	1124	1128	rBV4	510	479	0.00%	0.001%
15	4.953	1201	1217	1254	rBV2	743000	1924548	18.85%	4.785%
16	5.532	1385	1397	1434	rBV	692665	1445703	14.16%	3.594%
17	5.822	1477	1487	1521	rVB	73559	177205	1.74%	0.441%
18	5.986	1526	1538	1569	rBV	437014	910443	8.92%	2.264%
19	6.342	1647	1649	1652	rVB3	849	319	0.00%	0.001%
20	6.912	1813	1826	1861	rBV	186522	374892	3.67%	0.932%
21	7.240	1918	1928	1966	rBV	778091	1404038	13.75%	3.491%
22	7.555	2016	2026	2048	rBV	122675	235990	2.31%	0.587%
23	7.812	2101	2106	2111	rVB7	796	966	0.01%	0.002%
24	7.873	2114	2125	2136	rBV2	19487	35748	0.35%	0.089%
25	8.031	2165	2174	2217	rBV	163641	395086	3.87%	0.982%
26	8.362	2268	2277	2292	rVB	26125	45058	0.44%	0.112%
27	8.455	2302	2306	2311	rBV7	1018	1034	0.01%	0.003%
28	8.561	2336	2339	2341	rBV2	595	353	0.00%	0.001%
29	8.593	2344	2349	2356	rVB7	929	1221	0.01%	0.003%
30	8.645	2362	2365	2368	rBV3	338	268	0.00%	0.001%
31	8.693	2376	2380	2383	rBV2	732	556	0.01%	0.001%
32	8.715	2383	2387	2389	rBV4	416	335	0.00%	0.001%
33	8.725	2389	2390	2394	rVB3	598	270	0.00%	0.001%
34	8.783	2396	2408	2441	rBV	1031097	1698850	16.64%	4.224%
35	9.018	2476	2481	2490	rVB8	4414	6566	0.06%	0.016%
36	9.085	2498	2502	2503	rBV3	562	349	0.00%	0.001%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Title : VOC Analysis

37	9.162	2523	2526	2528	rVB4	522	279	0.00%	0.001%
38	9.198	2535	2537	2541	rVB2	524	269	0.00%	0.001%
39	9.220	2541	2544	2546	rVV4	501	351	0.00%	0.001%
40	9.391	2587	2597	2613	rVB7	6837	14567	0.14%	0.036%
41	9.452	2613	2616	2619	rBV3	403	266	0.00%	0.001%
42	9.477	2619	2624	2628	rBV4	603	610	0.01%	0.002%
43	9.516	2634	2636	2640	rVB3	610	294	0.00%	0.001%
44	9.561	2646	2650	2652	rBV2	650	439	0.00%	0.001%
45	9.612	2661	2666	2667	rBV2	405	292	0.00%	0.001%
46	9.683	2676	2688	2709	rBV	124731	231775	2.27%	0.576%
47	9.770	2714	2715	2718	rVB2	647	297	0.00%	0.001%
48	9.789	2718	2721	2722	rBV2	693	428	0.00%	0.001%
49	9.838	2722	2736	2762	rBV	4353162	6816763	66.75%	16.948%
50	10.075	2798	2810	2812	rBV3	178327	236285	2.31%	0.587%
51	10.114	2813	2822	2831	rVV	2322511	3607275	35.32%	8.968%
52	10.323	2878	2887	2902	rVB	58396	100759	0.99%	0.251%
53	10.452	2917	2927	2932	rBV3	7750	13561	0.13%	0.034%
54	10.510	2932	2945	2957	rBV	6474187	10211828	100.00%	25.389%
55	10.831	3036	3045	3049	rBV	32783	48796	0.48%	0.121%
56	10.879	3050	3060	3074	rVB	517046	807044	7.90%	2.006%
57	10.992	3084	3095	3113	rVB3	95822	160472	1.57%	0.399%
58	11.082	3114	3123	3127	rBV2	39401	56011	0.55%	0.139%
59	11.127	3127	3137	3145	rVV	1347590	1916594	18.77%	4.765%
60	11.182	3145	3154	3173	rVB2	1413728	2280262	22.33%	5.669%
61	11.288	3179	3187	3196	rBV	96647	145194	1.42%	0.361%
62	11.471	3235	3244	3259	rBV2	84823	129844	1.27%	0.323%
63	11.558	3260	3271	3292	rBV	753590	1194758	11.70%	2.970%
64	11.837	3350	3358	3377	rVB	153654	237837	2.33%	0.591%
65	12.030	3410	3418	3435	rVB3	18412	35068	0.34%	0.087%
66	12.194	3459	3469	3478	rBV2	19235	30620	0.30%	0.076%
67	12.323	3499	3509	3516	rBV4	5438	9091	0.09%	0.023%
68	12.387	3527	3529	3531	rBV3	542	310	0.00%	0.001%
69	12.554	3567	3581	3595	rBV3	13345	26514	0.26%	0.066%
70	12.667	3608	3616	3627	rVB6	7103	11412	0.11%	0.028%
71	12.751	3640	3642	3644	rBV2	538	272	0.00%	0.001%
72	12.789	3652	3654	3656	rBV2	526	322	0.00%	0.001%
73	12.828	3659	3666	3675	rVV6	4644	7404	0.07%	0.018%
74	12.863	3675	3677	3683	rVB5	700	617	0.01%	0.002%
75	12.950	3702	3704	3708	rVB3	401	264	0.00%	0.001%
76	12.969	3708	3710	3713	rVB3	687	399	0.00%	0.001%

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 Title : VOC Analysis

77	12.995	3713	3718	3719	rBV3	489	488	0.00%	0.001%
78	13.091	3728	3748	3764	rBV5	76400	170404	1.67%	0.424%
79	13.304	3806	3814	3827	rBV3	9660	16685	0.16%	0.041%
80	13.423	3843	3851	3859	rBV6	8097	15329	0.15%	0.038%
81	13.474	3860	3867	3875	rVB2	17461	25299	0.25%	0.063%
82	13.548	3883	3890	3903	rVB	21923	35397	0.35%	0.088%
83	13.683	3922	3932	3943	rVB3	25449	37472	0.37%	0.093%
84	13.725	3943	3945	3948	rVB3	802	316	0.00%	0.001%
85	13.776	3957	3961	3963	rBV5	1020	518	0.01%	0.001%
86	13.831	3975	3978	3982	rBV5	803	819	0.01%	0.002%
87	13.911	3997	4003	4005	rBV5	1642	1353	0.01%	0.003%
88	13.985	4016	4026	4029	rBV3	3371	5284	0.05%	0.013%
89	14.082	4051	4056	4060	rBV7	1468	2035	0.02%	0.005%
90	14.275	4108	4116	4128	rBV5	11956	18288	0.18%	0.045%
91	14.339	4133	4136	4144	rVB8	2024	2572	0.03%	0.006%
92	14.538	4191	4198	4203	rVB9	2314	2528	0.02%	0.006%
93	14.953	4318	4327	4337	rBV8	10350	19369	0.19%	0.048%
94	15.120	4372	4379	4389	rBV8	8386	13299	0.13%	0.033%
95	15.529	4498	4506	4516	rBV9	9448	15609	0.15%	0.039%
96	15.590	4519	4525	4533	rVV4	10344	13885	0.14%	0.035%
97	15.795	4585	4589	4597	rVB8	6793	8742	0.09%	0.022%
98	16.001	4649	4653	4657	rBV7	5668	6265	0.06%	0.016%
99	16.049	4660	4668	4682	rVB8	31187	65329	0.64%	0.162%
100	16.236	4719	4726	4737	rVB8	14628	23280	0.23%	0.058%

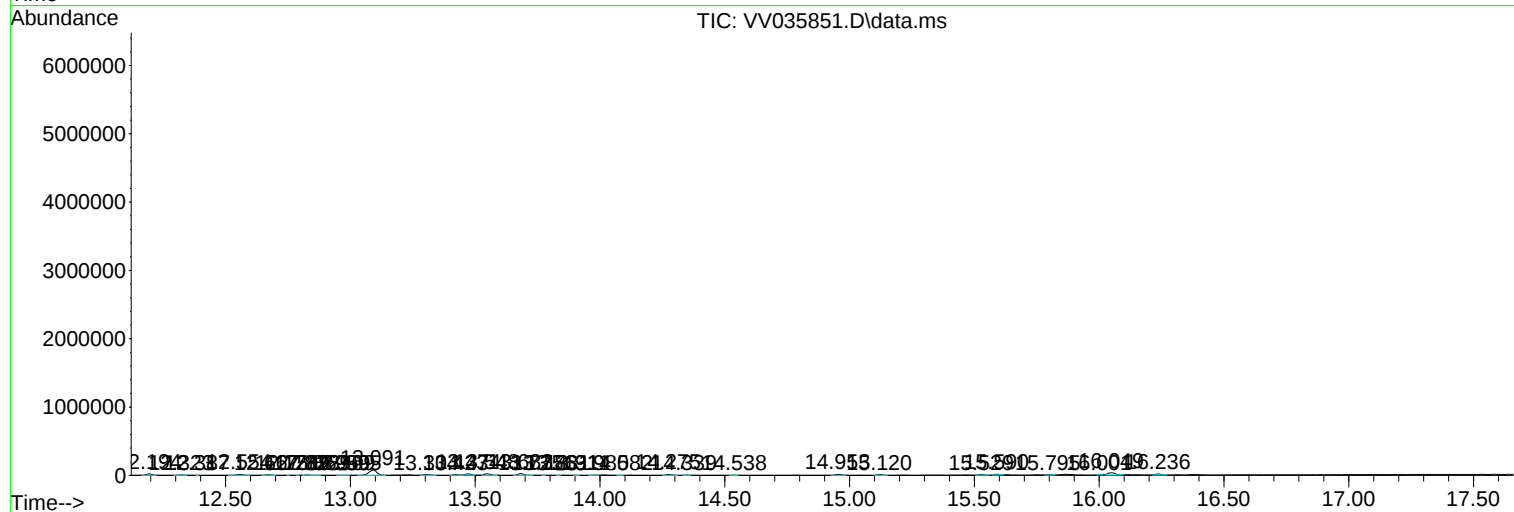
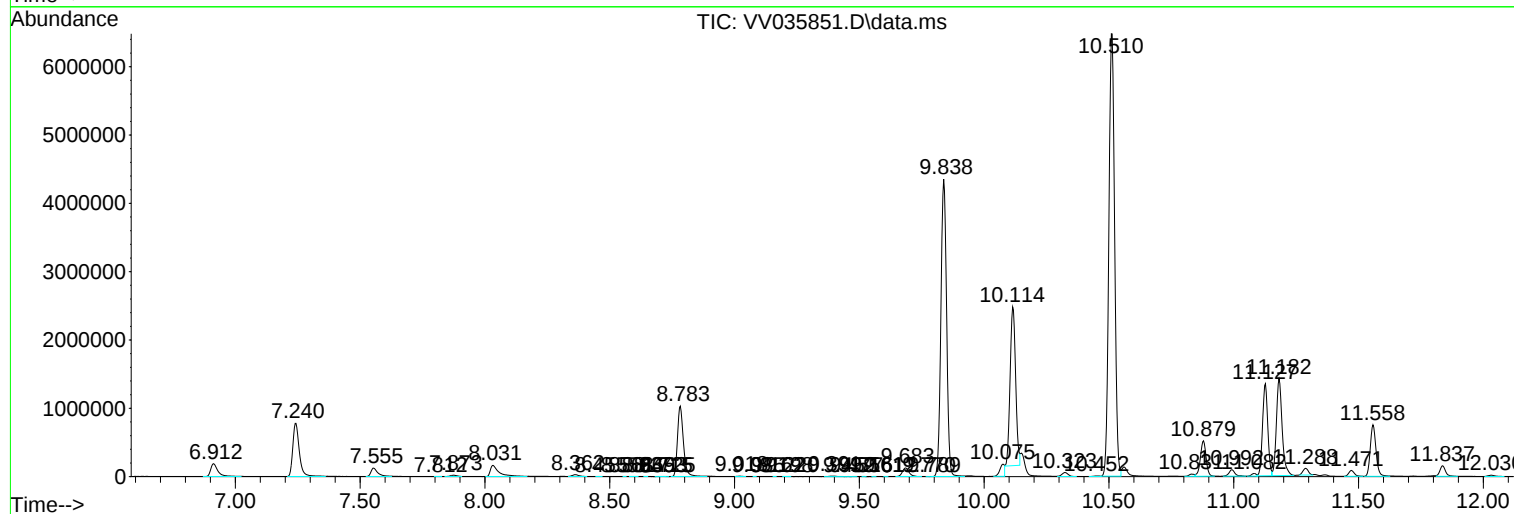
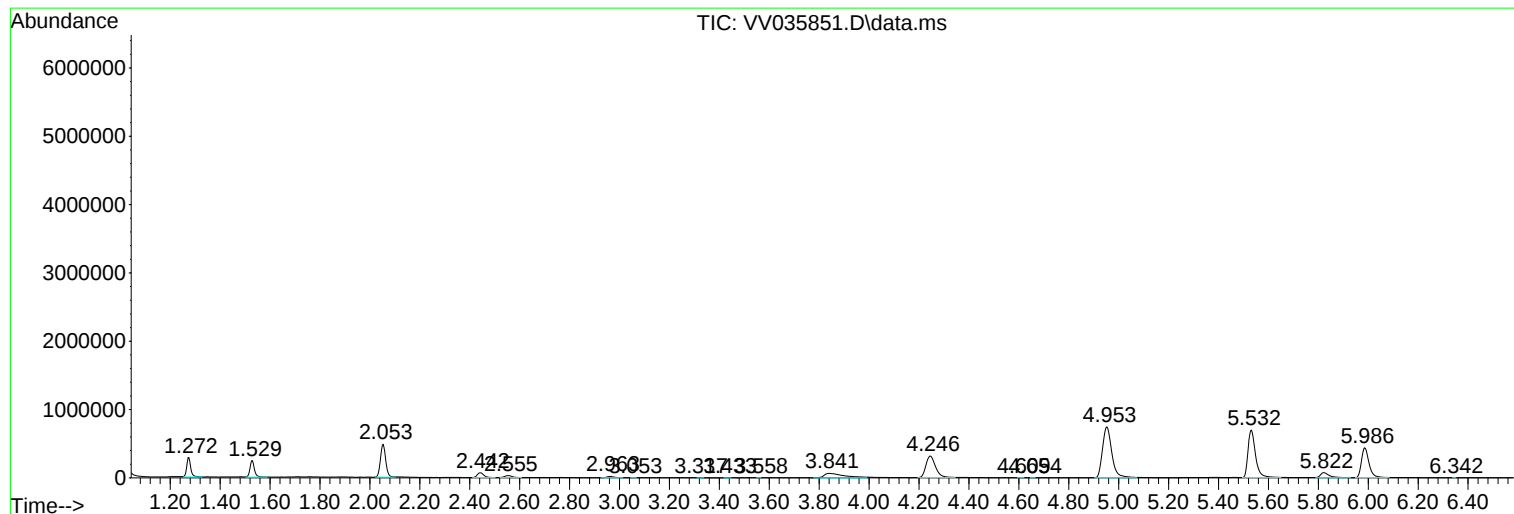
Sum of corrected areas: 40221768

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
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Instrument :
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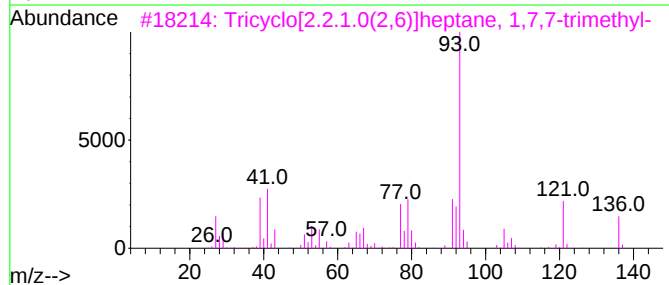
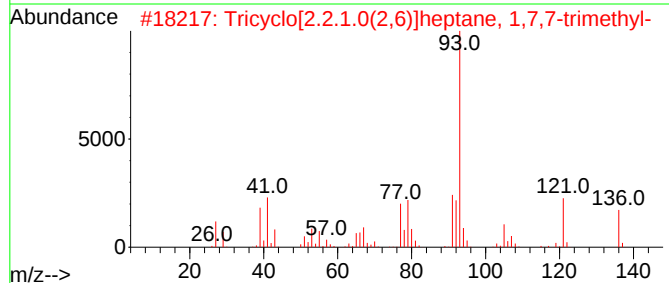
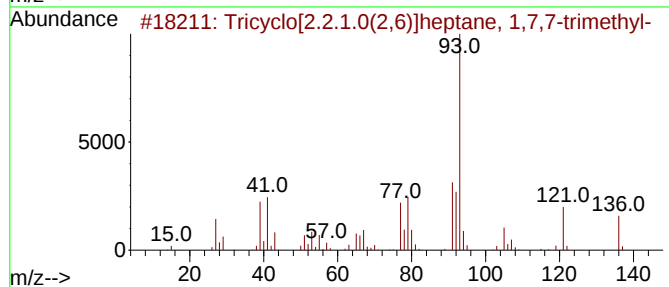
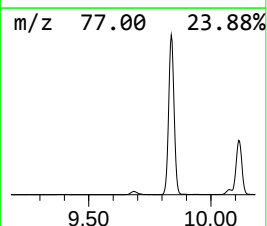
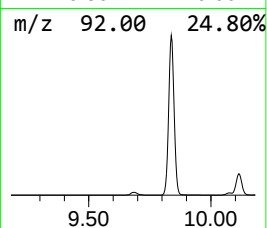
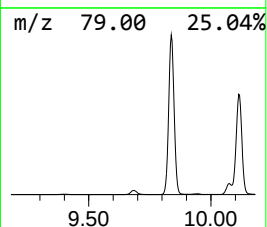
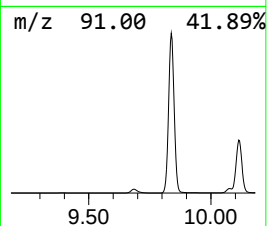
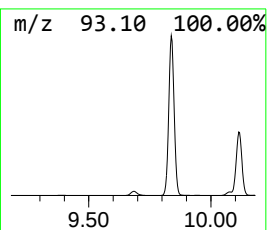
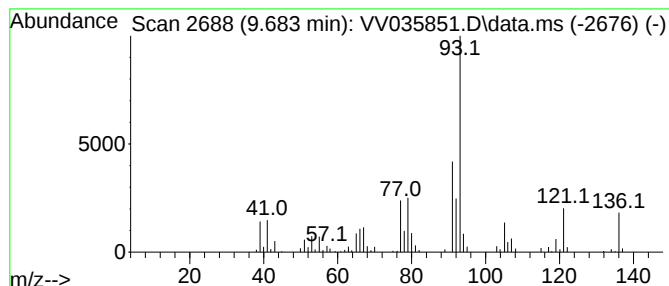
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.683	3.41 ug/L	231775	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	95
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
4			(+)-3-Carene	136	C10H16	000498-15-7	94
5			3-Carene	136	C10H16	013466-78-9	93



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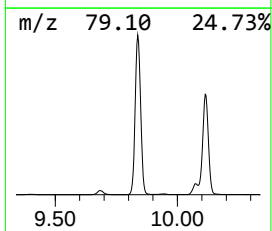
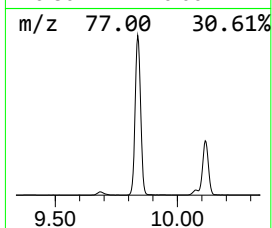
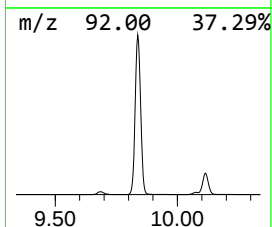
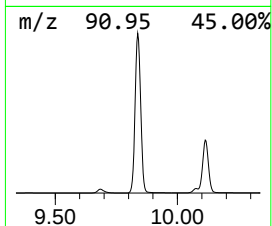
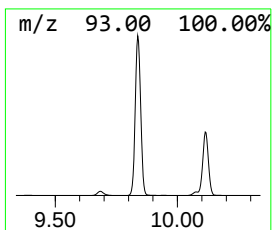
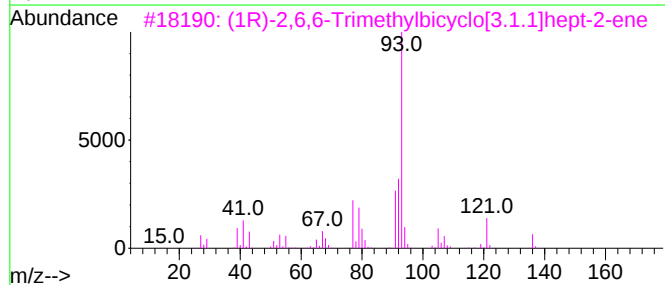
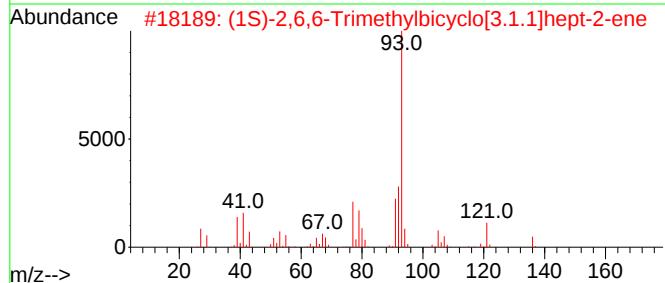
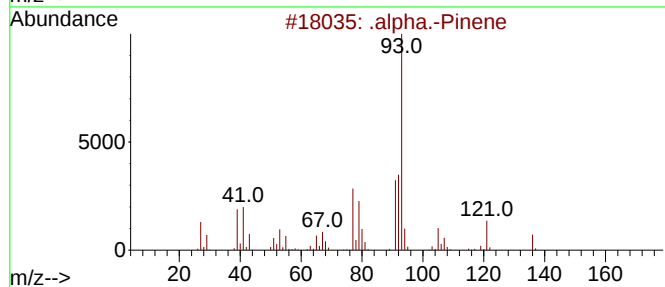
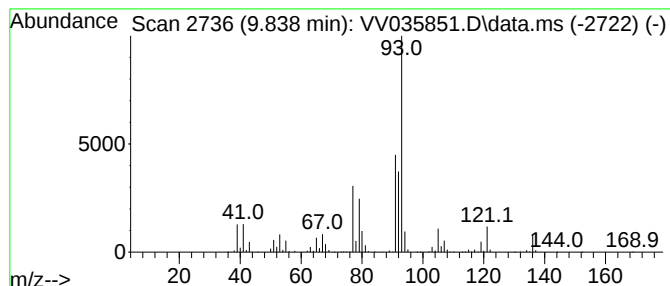
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.838	100.31 ug/L	6816760	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
4	.gamma.-Terpinene			136	C10H16	000099-85-4	91
5	.		.alpha.-Pinene	136	C10H16	000080-56-8	91



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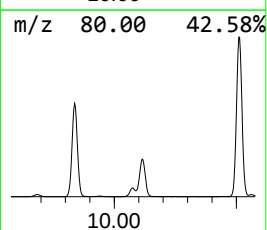
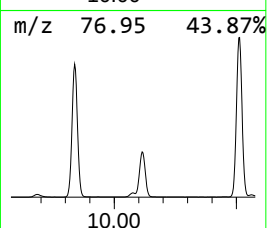
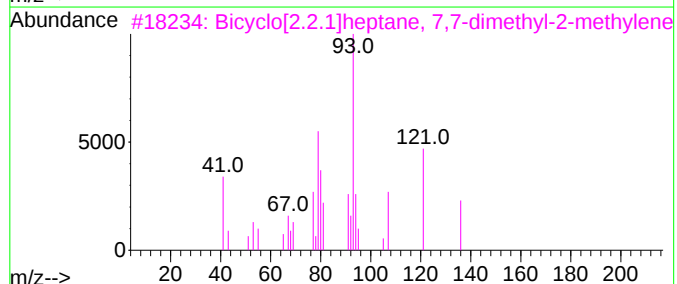
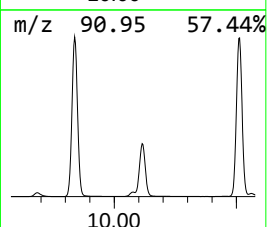
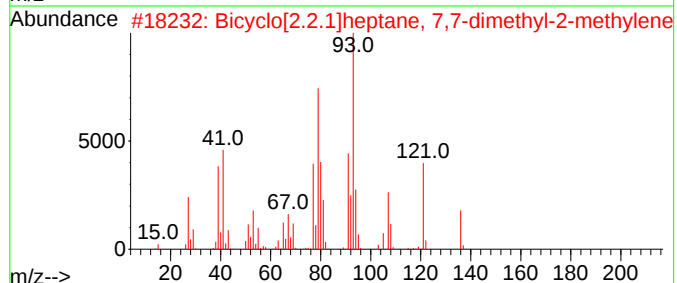
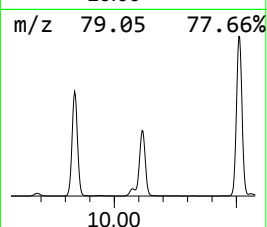
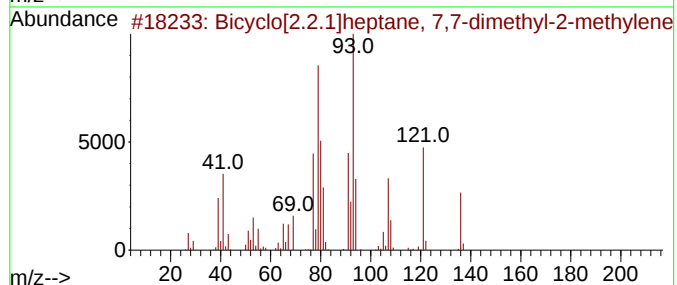
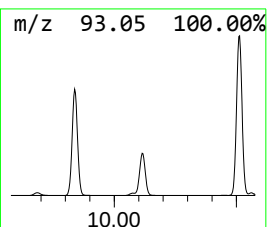
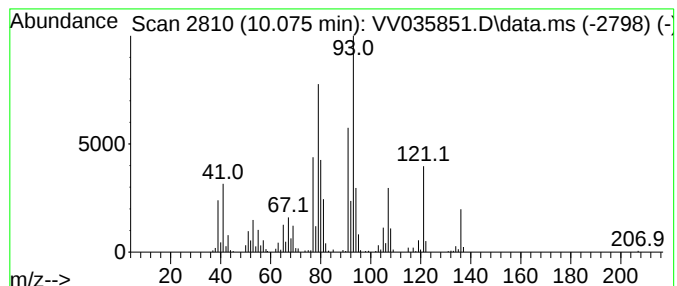
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Quant Title : VOC Analysis

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

Peak Number 6 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.076	2.59 ug/L	236285	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	98
2			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	96
3			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	93
4			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	93
5			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBW9

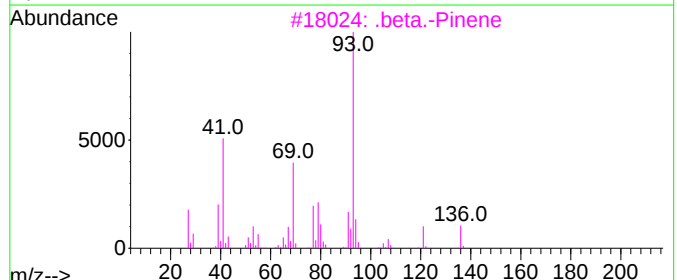
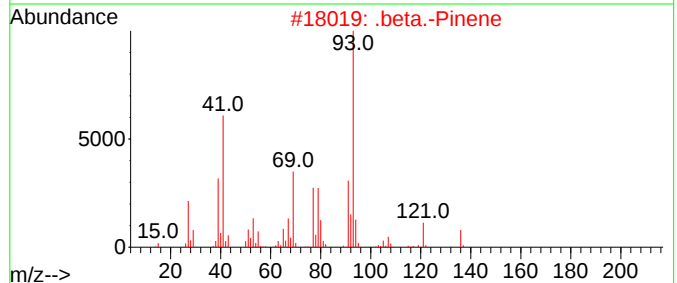
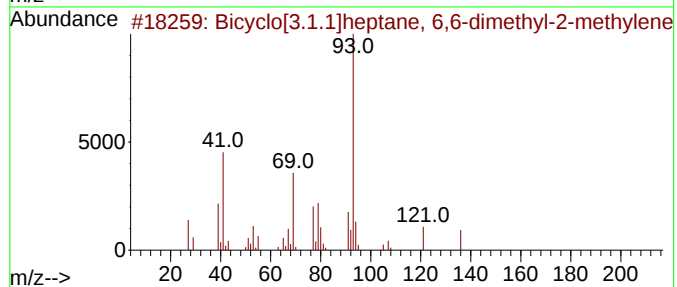
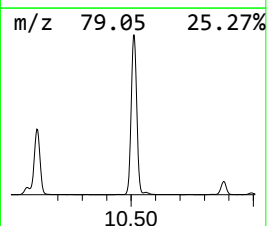
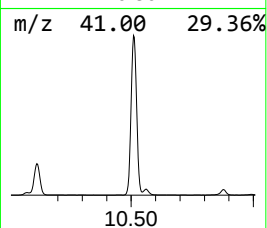
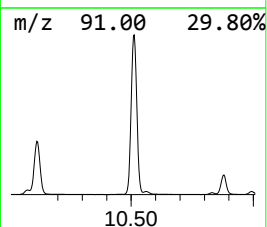
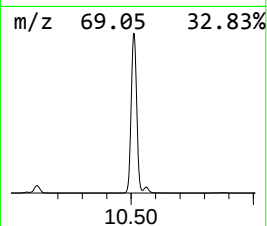
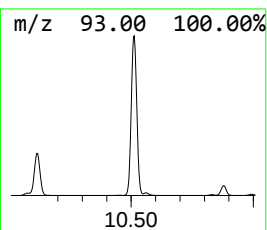
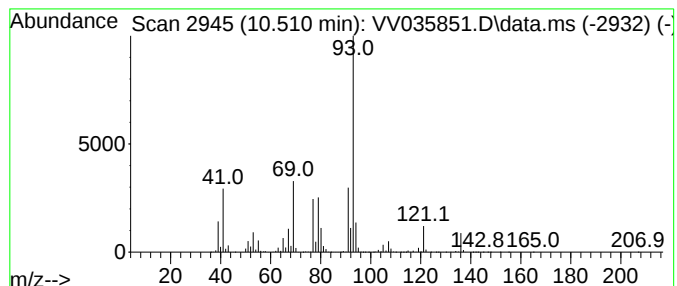
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Quant Title : VOC Analysis

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

Peak Number 7 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.509	111.96 ug/L	10211800	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	96
3			.beta.-Pinene	136	C10H16	000127-91-3	94
4			.alpha.-Pinene	136	C10H16	000080-56-8	91
5			.beta.-Pinene	136	C10H16	000127-91-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBW9

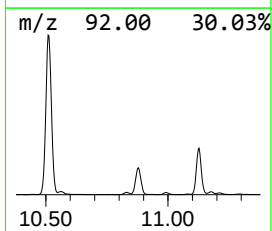
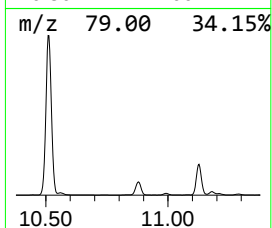
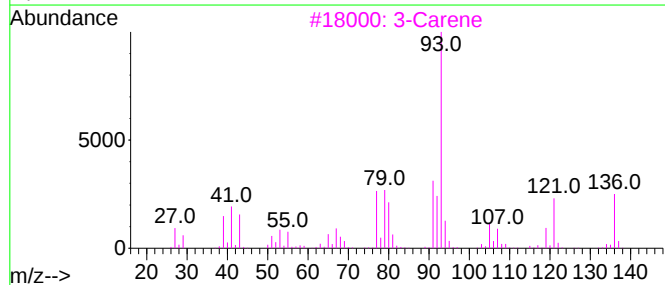
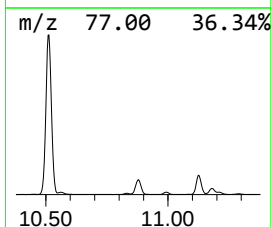
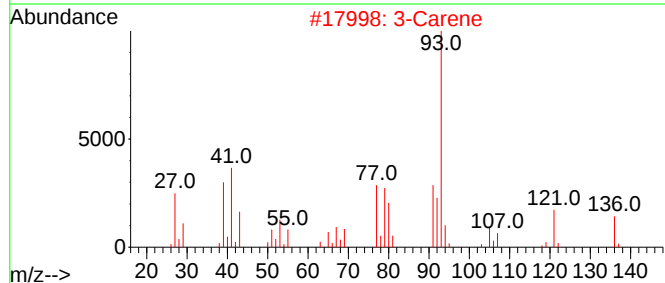
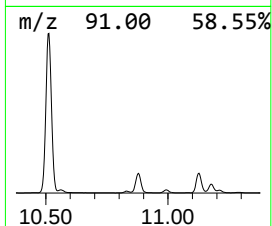
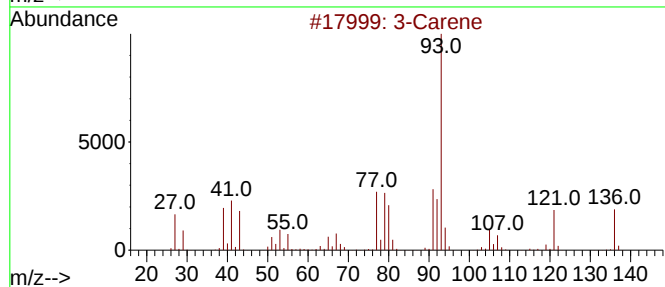
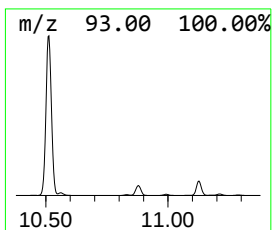
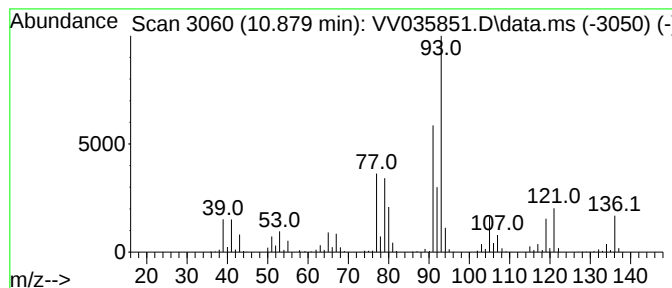
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Quant Title : VOC Analysis

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

Peak Number 8 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.879	8.85 ug/L	807044	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene			136	C10H16	013466-78-9	94
2	3-Carene			136	C10H16	013466-78-9	93
3	3-Carene			136	C10H16	013466-78-9	91
4	3-Carene			136	C10H16	013466-78-9	91
5	Cyclopropane, 1,1-dimethyl-2-(3-...			136	C10H16	068998-21-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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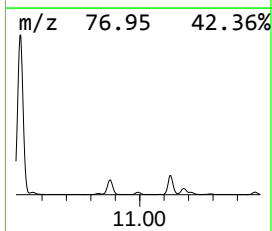
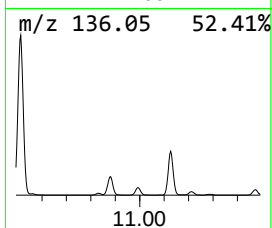
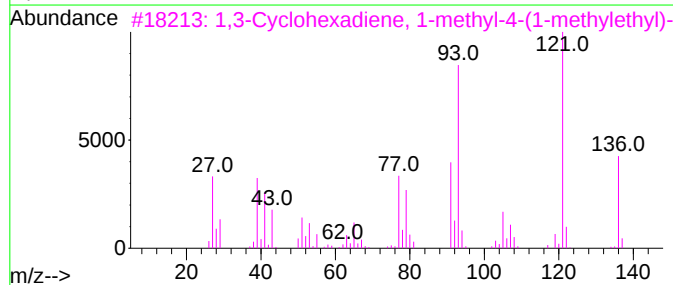
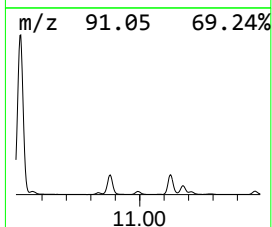
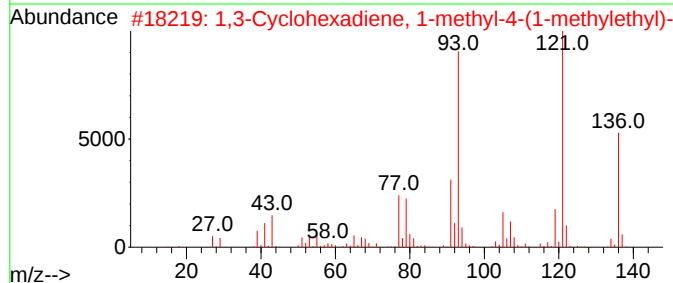
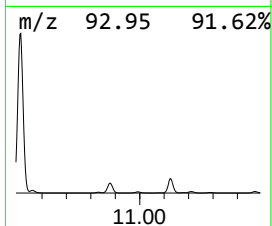
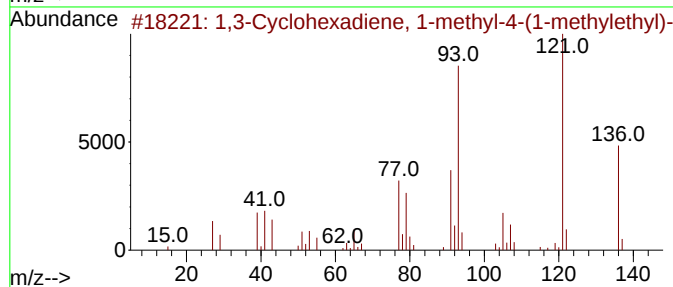
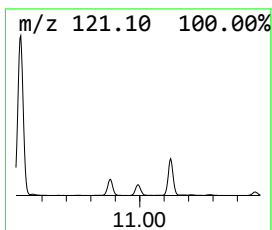
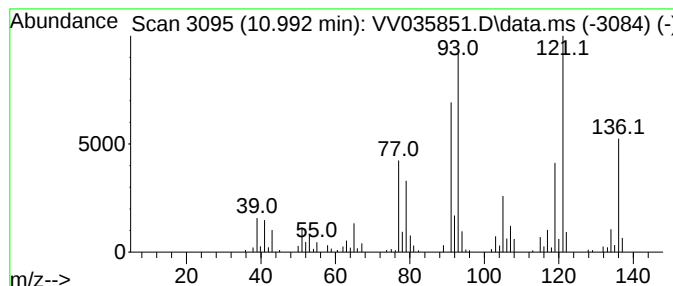
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Quant Title : VOC Analysis

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

Peak Number 9 1,3-Cyclohexadiene, 1-methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	1.76 ug/L	160472	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	96
2			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	95
3			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	94
4			(+)-4-Carene	136	C10H16	029050-33-7	93
5			Cyclohexene, 1-methyl-4-(1-methyl...	136	C10H16	000586-62-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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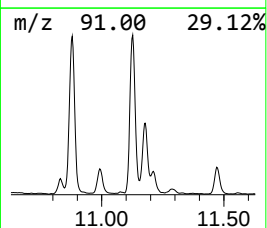
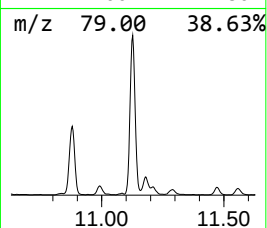
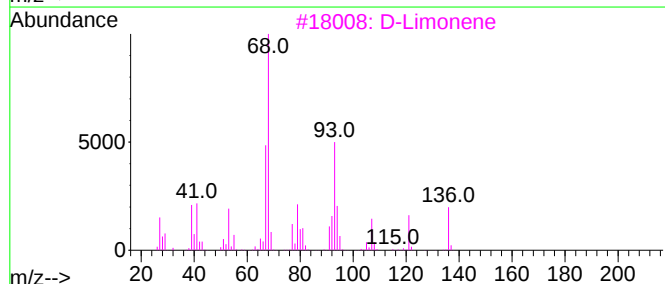
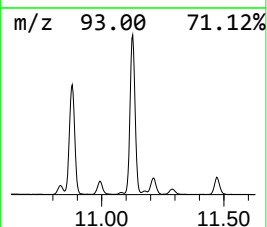
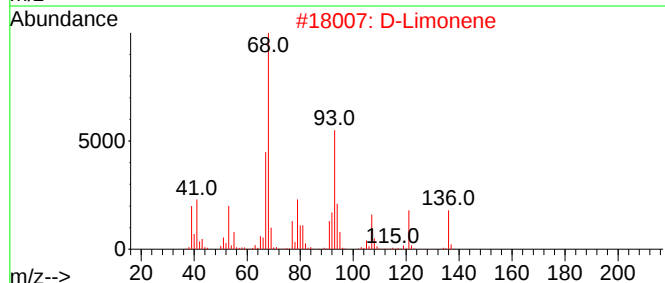
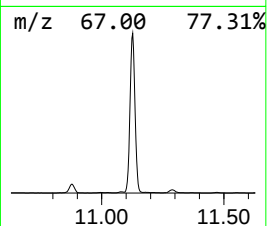
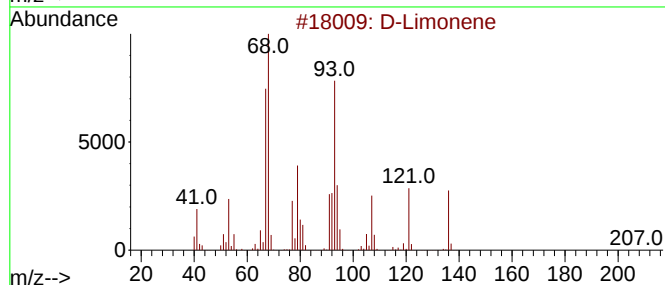
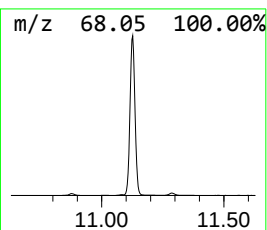
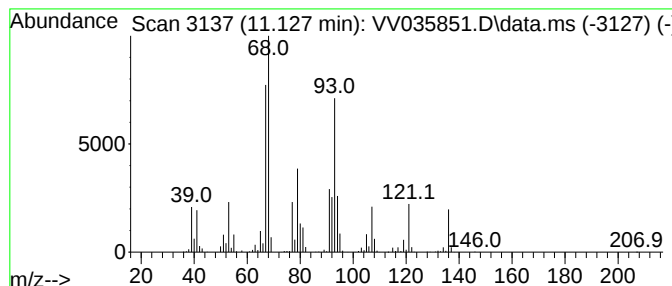
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Quant Title : VOC Analysis

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

Peak Number 10 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	21.01 ug/L	1916590	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			D-Limonene	136	C10H16	005989-27-5	95
3			D-Limonene	136	C10H16	005989-27-5	94
4			Limonene	136	C10H16	000138-86-3	94
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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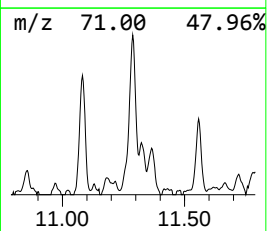
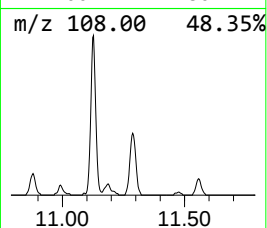
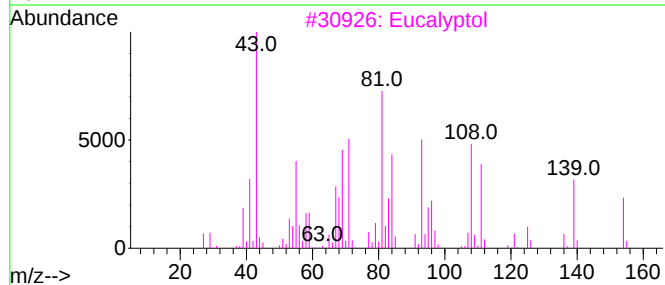
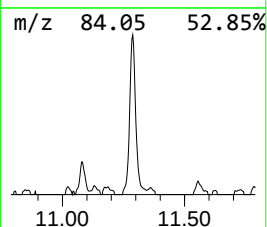
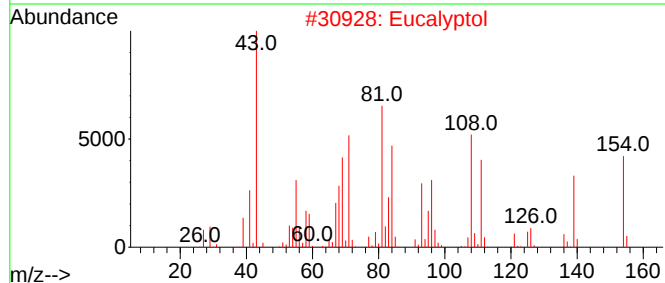
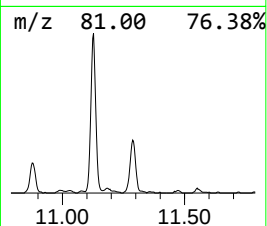
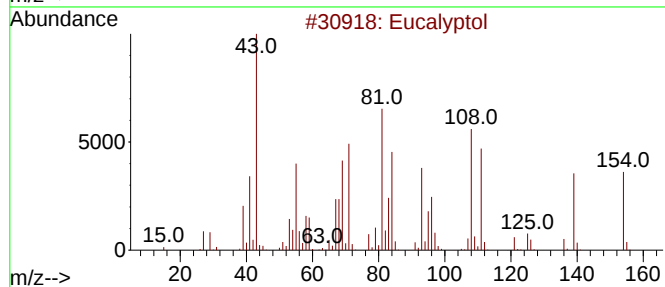
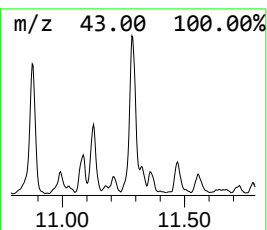
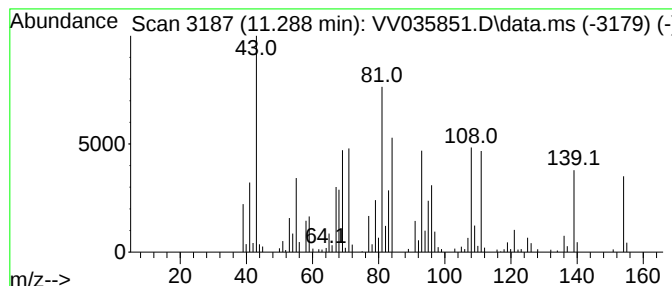
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Quant Title : VOC Analysis

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

Peak Number 11 Eucalyptol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	1.59 ug/L	145194	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eucalyptol	154	C10H18O	000470-82-6	98
2			Eucalyptol	154	C10H18O	000470-82-6	96
3			Eucalyptol	154	C10H18O	000470-82-6	94
4			Eucalyptol	154	C10H18O	000470-82-6	89
5			Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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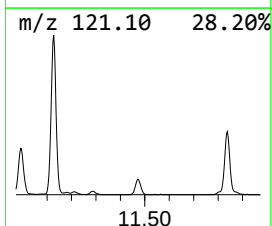
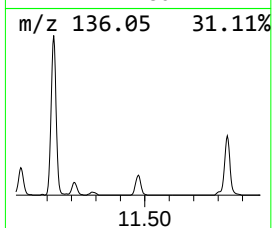
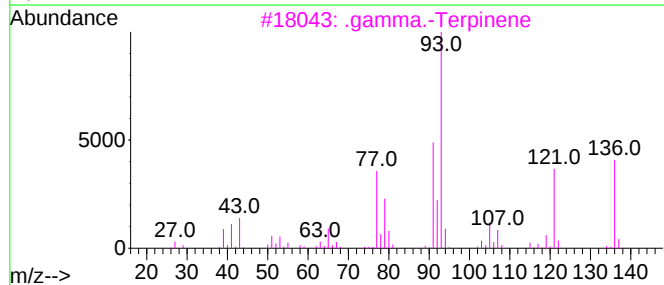
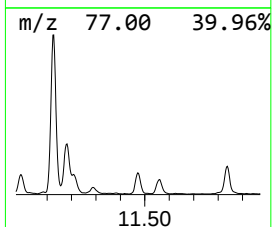
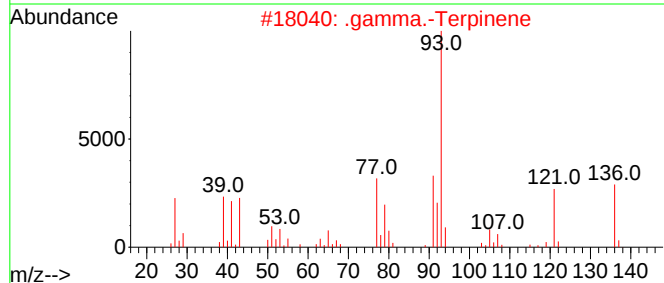
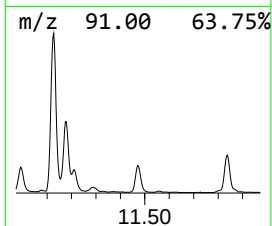
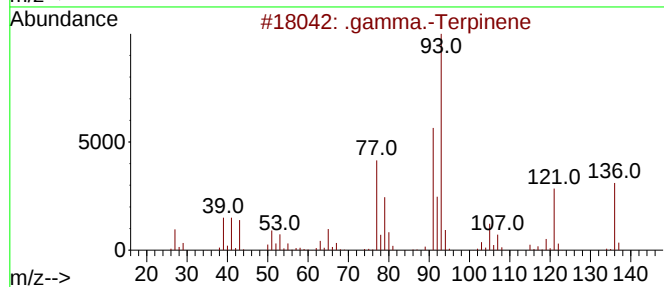
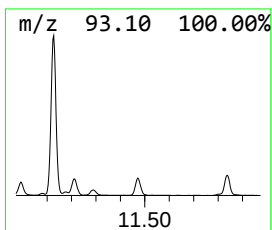
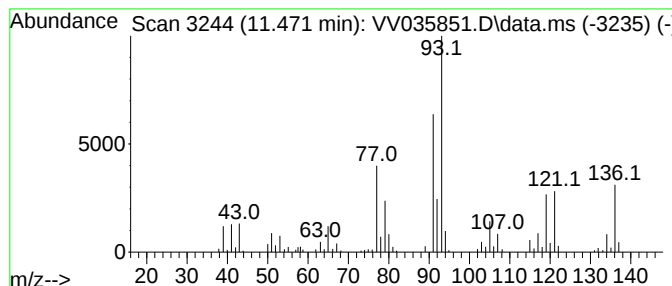
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Quant Title : VOC Analysis

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

Peak Number 12 .gamma.-Terpinene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	1.42 ug/L	129844	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Terpinene	136	C10H16	000099-85-4	96
2			.gamma.-Terpinene	136	C10H16	000099-85-4	95
3			.gamma.-Terpinene	136	C10H16	000099-85-4	95
4			.gamma.-Terpinene	136	C10H16	000099-85-4	90
5			.gamma.-Terpinene	136	C10H16	000099-85-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBW9

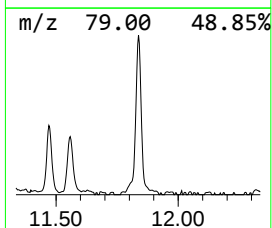
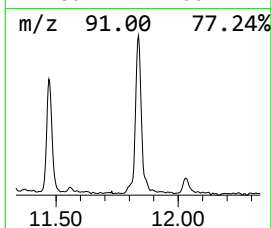
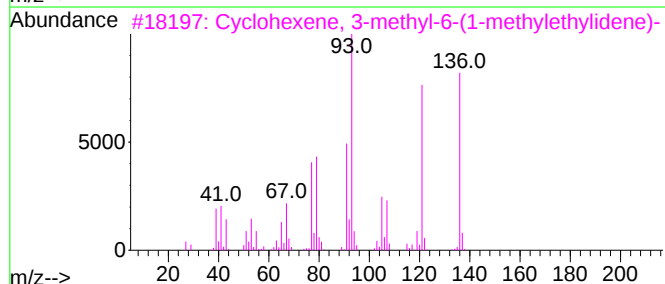
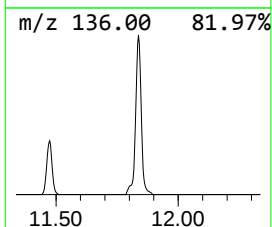
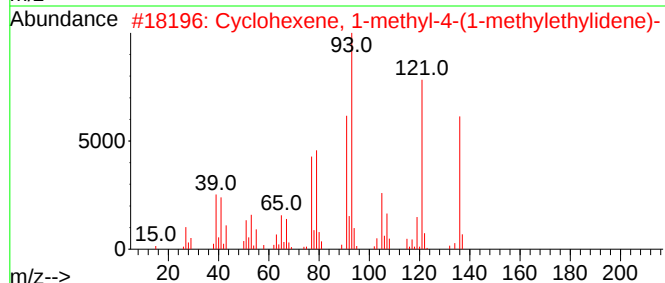
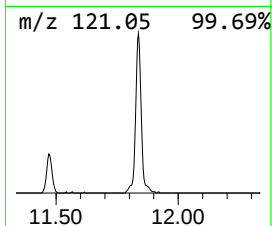
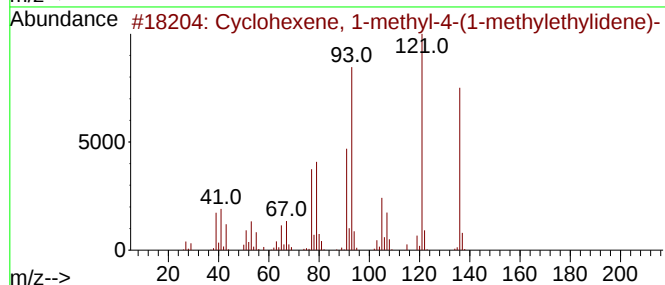
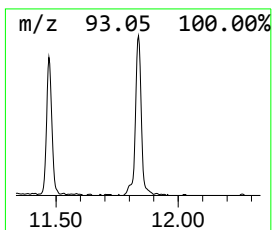
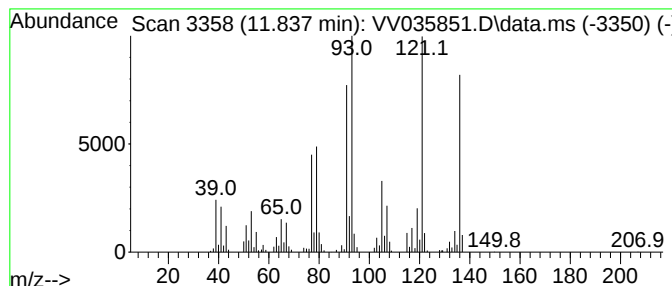
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Quant Title : VOC Analysis

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

Peak Number 13 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.837	2.61 ug/L	237837	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
3			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	95
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	94
5			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBW9

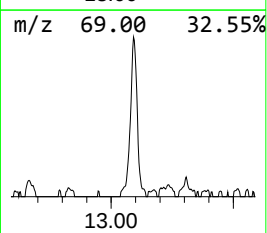
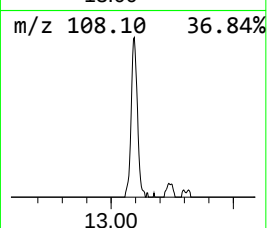
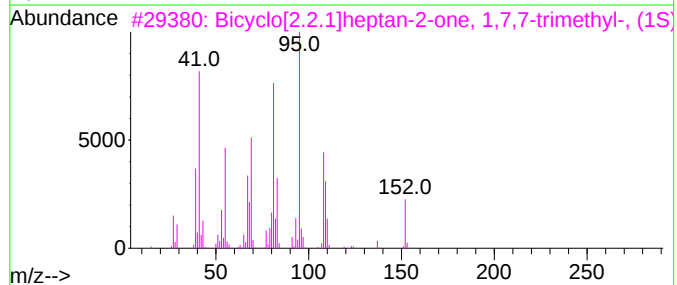
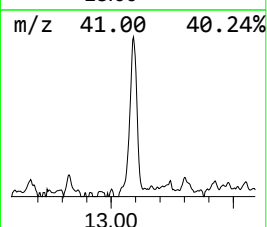
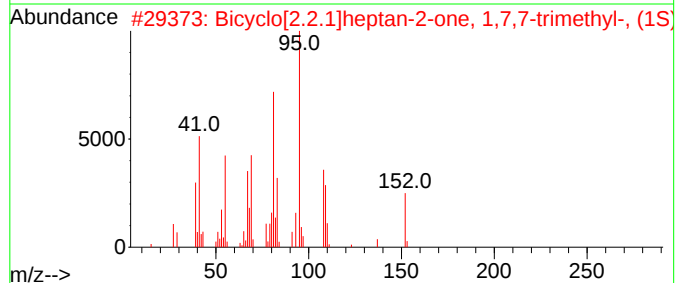
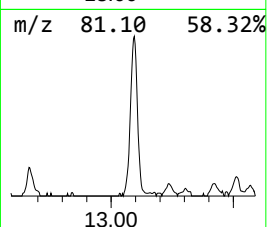
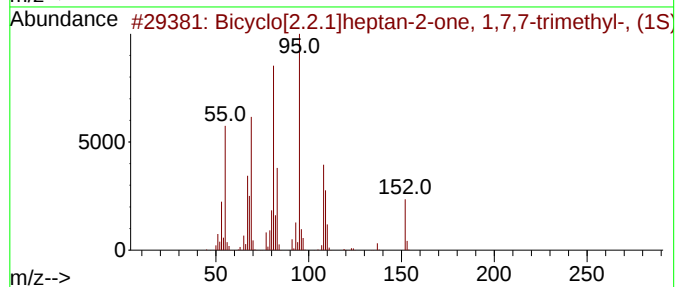
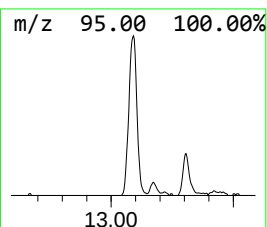
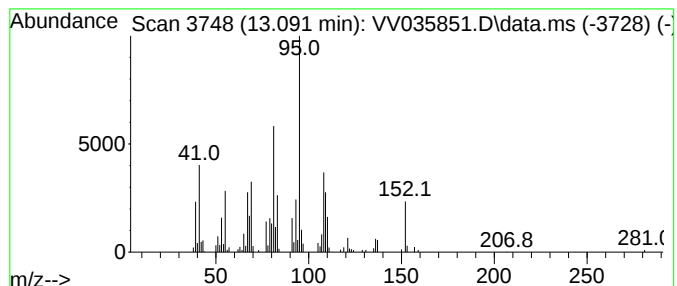
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Quant Title : VOC Analysis

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

Peak Number 14 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.091	1.87 ug/L	170404	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5			(+)-2-Bornanone	152	C10H16O	000464-49-3	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035851.D
Acq On : 28 May 2024 17:04
Operator : SY/MD
Sample : P2632-03
Misc : 5.41g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBW9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tricyclo[2.2.1]...	9.683	3.4	ug/L	231775	2	8.783	1698850	25.0
.alpha.-Pinene	9.838	100.3	ug/L	6816760	2	8.783	1698850	25.0
Bicyclo[2.2.1]h...	10.076	2.6	ug/L	236285	3	11.182	2280260	25.0
Bicyclo[3.1.1]h...	10.509	112.0	ug/L	10211800	3	11.182	2280260	25.0
3-Carene	10.879	8.8	ug/L	807044	3	11.182	2280260	25.0
1,3-Cyclohexadi...	10.992	1.8	ug/L	160472	3	11.182	2280260	25.0
D-Limonene	11.127	21.0	ug/L	1916590	3	11.182	2280260	25.0
Eucalyptol	11.288	1.6	ug/L	145194	3	11.182	2280260	25.0
.gamma.-Terpinene	11.471	1.4	ug/L	129844	3	11.182	2280260	25.0
Cyclohexene, 1-...	11.837	2.6	ug/L	237837	3	11.182	2280260	25.0
Bicyclo[2.2.1]h...	13.091	1.9	ug/L	170404	3	11.182	2280260	25.0