

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035853.D
 Acq On : 28 May 2024 17:50
 Operator : SY/MD
 Sample : P2632-05
 Misc : 6.66g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBX1

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: VV035853.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	66	73	87	rVB	264458	289422	14.56%	1.588%
2	1.529	145	152	171	rVB	220332	261828	13.17%	1.437%
3	2.053	305	315	332	rBV	456162	658378	33.12%	3.613%
4	2.442	426	436	454	rBV	70588	124842	6.28%	0.685%
5	2.555	460	471	488	rVB	36481	75363	3.79%	0.414%
6	2.963	586	598	616	rBV3	20034	40243	2.02%	0.221%
7	3.069	628	631	635	rBV6	573	404	0.02%	0.002%
8	3.175	661	664	667	rBV2	476	488	0.02%	0.003%
9	3.252	686	688	695	rVB5	594	429	0.02%	0.002%
10	3.481	755	759	761	rBV	457	356	0.02%	0.002%
11	3.494	761	763	770	rVB2	456	441	0.02%	0.002%
12	3.526	770	773	775	rBV2	438	297	0.01%	0.002%
13	3.609	793	799	801	rBV3	465	444	0.02%	0.002%
14	3.658	810	814	818	rVB4	551	339	0.02%	0.002%
15	3.683	820	822	829	rVB	502	405	0.02%	0.002%
16	3.725	829	835	837	rBV5	471	383	0.02%	0.002%
17	3.838	851	870	929	rBV3	78588	439246	22.09%	2.411%
18	4.246	982	997	1029	rBV	299749	785380	39.50%	4.311%
19	4.677	1127	1131	1134	rBV4	697	576	0.03%	0.003%
20	4.953	1201	1217	1260	rBV2	727863	1879557	94.54%	10.316%
21	5.532	1386	1397	1442	rBV	713515	1491178	75.01%	8.184%
22	5.825	1477	1488	1516	rVB2	61367	144231	7.25%	0.792%
23	5.985	1525	1538	1572	rBV	421625	884554	44.49%	4.855%
24	6.313	1637	1640	1644	rVB3	928	656	0.03%	0.004%
25	6.346	1648	1650	1652	rBV3	447	283	0.01%	0.002%
26	6.442	1677	1680	1682	rBV3	718	470	0.02%	0.003%
27	6.535	1704	1709	1712	rBV5	640	624	0.03%	0.003%
28	6.677	1748	1753	1756	rBV6	860	824	0.04%	0.005%
29	6.731	1767	1770	1773	rVB3	695	387	0.02%	0.002%
30	6.831	1799	1801	1804	rBV3	660	530	0.03%	0.003%
31	6.911	1816	1826	1864	rBV	195946	389051	19.57%	2.135%
32	7.243	1918	1929	1967	rBV	791426	1403175	70.58%	7.701%
33	7.510	2010	2012	2016	rBV4	610	291	0.01%	0.002%
34	7.555	2017	2026	2052	rBV	134166	259765	13.07%	1.426%
35	7.831	2109	2112	2115	rBV3	506	317	0.02%	0.002%
36	7.873	2115	2125	2142	rVB2	18026	34872	1.75%	0.191%

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

37	7.973	2153	2156	2158	rBV4	453	276	0.01%	0.002%
38	8.030	2165	2174	2217	rBV	207980	483034	24.30%	2.651%
39	8.362	2268	2277	2293	rVB2	22880	41235	2.07%	0.226%
40	8.600	2347	2351	2359	rVB4	1780	2069	0.10%	0.011%
41	8.654	2366	2368	2376	rBV5	545	568	0.03%	0.003%
42	8.686	2376	2378	2381	rBV3	504	394	0.02%	0.002%
43	8.728	2388	2391	2393	rBV2	504	280	0.01%	0.002%
44	8.783	2396	2408	2438	rBV	1124845	1867872	93.95%	10.252%
45	9.352	2583	2585	2588	rBV	390	299	0.02%	0.002%
46	9.390	2592	2597	2599	rBV4	874	691	0.03%	0.004%
47	9.493	2624	2629	2630	rBV3	479	364	0.02%	0.002%
48	9.526	2637	2639	2642	rVB2	568	266	0.01%	0.001%
49	9.590	2656	2659	2662	rBV2	527	315	0.02%	0.002%
50	9.683	2678	2688	2700	rBV3	16646	28865	1.45%	0.158%
51	9.837	2722	2736	2762	rBV	397437	656435	33.02%	3.603%
52	9.927	2762	2764	2771	rVV7	938	1033	0.05%	0.006%
53	10.014	2789	2791	2795	rVB4	793	452	0.02%	0.002%
54	10.072	2795	2809	2813	rBV5	26766	43636	2.19%	0.239%
55	10.114	2813	2822	2827	rVV	258998	413895	20.82%	2.272%
56	10.153	2828	2834	2864	rVB	397931	631057	31.74%	3.464%
57	10.323	2876	2887	2901	rVB	49942	84488	4.25%	0.464%
58	10.419	2912	2917	2920	rVB4	609	518	0.03%	0.003%
59	10.513	2927	2946	2958	rBV	542011	901176	45.33%	4.946%
60	10.744	3013	3018	3021	rBV5	1766	1900	0.10%	0.010%
61	10.879	3040	3060	3072	rBV5	57235	110012	5.53%	0.604%
62	10.995	3083	3096	3104	rBV9	9347	18798	0.95%	0.103%
63	11.082	3114	3123	3129	rBV2	20271	31981	1.61%	0.176%
64	11.127	3129	3137	3145	rVV	126457	182599	9.18%	1.002%
65	11.181	3145	3154	3174	rVB	1307190	1988070	100.00%	10.911%
66	11.474	3237	3245	3252	rBV5	7783	11438	0.58%	0.063%
67	11.558	3260	3271	3294	rBV	876003	1403013	70.57%	7.700%
68	11.837	3351	3358	3367	rVB3	18914	25240	1.27%	0.139%
69	12.194	3459	3469	3481	rVB	15473	26474	1.33%	0.145%
70	12.304	3500	3503	3504	rBV2	857	464	0.02%	0.003%
71	12.400	3530	3533	3539	rBV5	723	680	0.03%	0.004%
72	12.458	3549	3551	3554	rBV2	557	331	0.02%	0.002%
73	12.487	3554	3560	3562	rBV5	804	761	0.04%	0.004%
74	12.577	3584	3588	3600	rVB9	2821	4361	0.22%	0.024%
75	12.673	3611	3618	3624	rBV6	866	1333	0.07%	0.007%
76	12.828	3658	3666	3674	rBV7	3954	6219	0.31%	0.034%

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 Title : VOC Analysis

77	12.882	3680	3683	3686	rVB4	580	346	0.02%	0.002%
78	12.914	3690	3693	3695	rBV	495	374	0.02%	0.002%
79	13.046	3731	3734	3736	rBV2	529	298	0.01%	0.002%
80	13.095	3736	3749	3760	rBV6	16131	32956	1.66%	0.181%
81	13.165	3769	3771	3775	rBV3	430	324	0.02%	0.002%
82	13.278	3802	3806	3808	rBV5	883	672	0.03%	0.004%
83	13.307	3811	3815	3822	rVV8	1297	2061	0.10%	0.011%
84	13.410	3843	3847	3849	rBV4	697	496	0.02%	0.003%
85	13.474	3861	3867	3874	rVB5	3457	4117	0.21%	0.023%
86	13.548	3885	3890	3898	rBV7	3059	3793	0.19%	0.021%
87	13.625	3910	3914	3915	rBV2	615	397	0.02%	0.002%
88	13.654	3920	3923	3924	rVV3	804	504	0.03%	0.003%
89	13.683	3924	3932	3941	rVB3	14518	20990	1.06%	0.115%
90	13.767	3953	3958	3962	rBV4	740	845	0.04%	0.005%
91	13.828	3970	3977	3979	rBV3	969	1231	0.06%	0.007%
92	13.882	3991	3994	3995	rBV	1045	509	0.03%	0.003%
93	13.992	4021	4028	4030	rBV5	1474	1798	0.09%	0.010%
94	14.275	4111	4116	4117	rBV4	1161	1006	0.05%	0.006%
95	14.574	4207	4209	4215	rVB5	616	433	0.02%	0.002%
96	14.673	4237	4240	4243	rBV3	553	427	0.02%	0.002%
97	14.831	4286	4289	4291	rBV3	770	590	0.03%	0.003%
98	14.953	4324	4327	4334	rVB5	1327	1553	0.08%	0.009%
99	15.117	4375	4378	4379	rBV2	1013	614	0.03%	0.003%
100	15.252	4417	4420	4423	rBV4	930	784	0.04%	0.004%

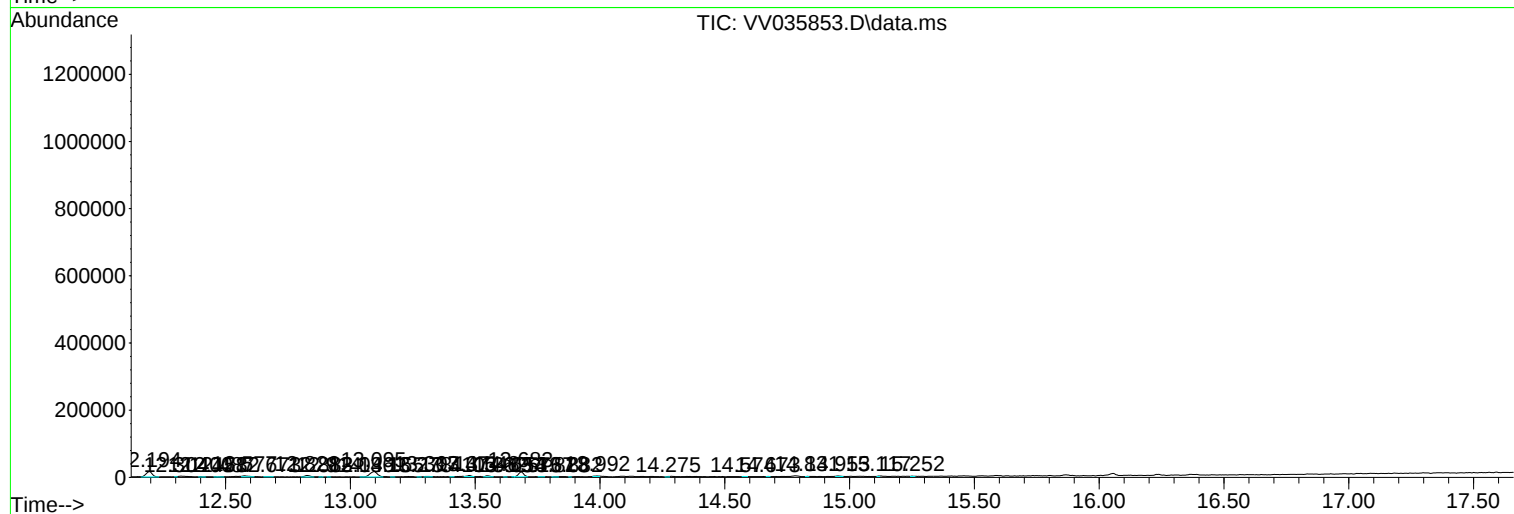
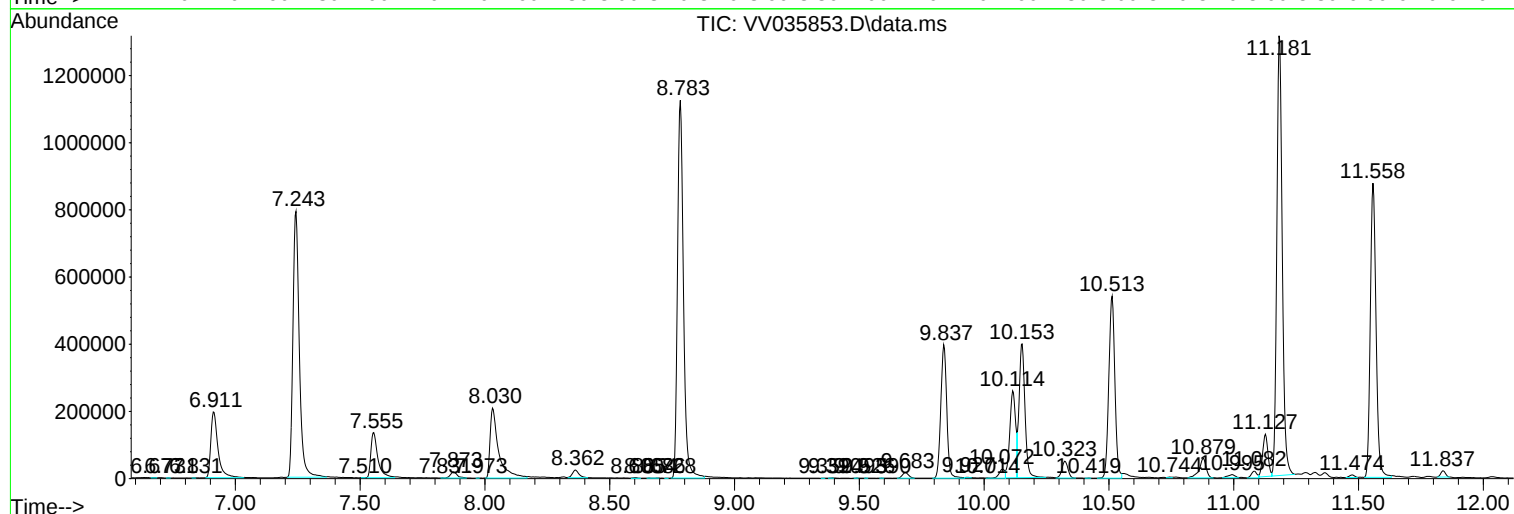
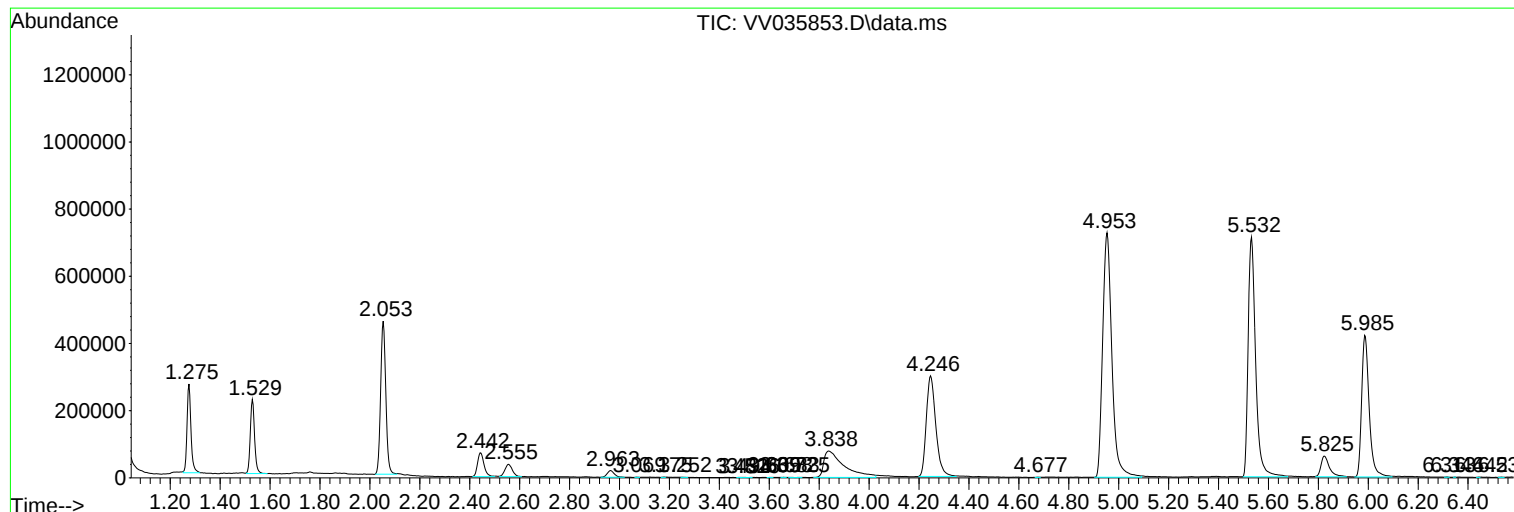
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Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



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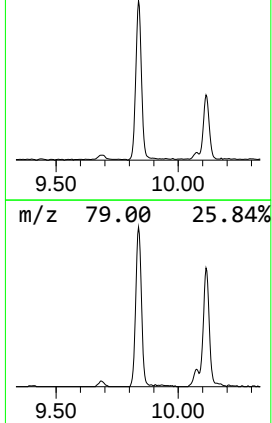
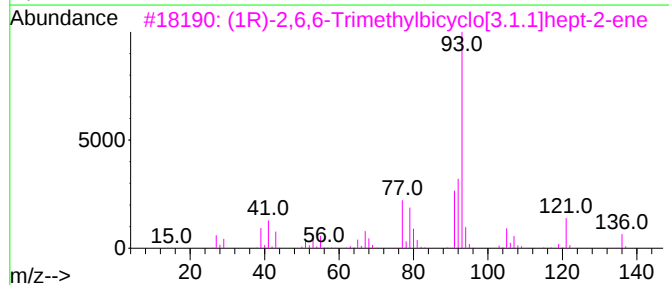
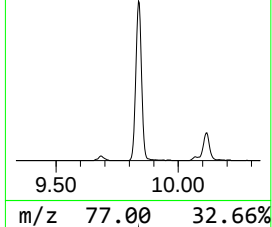
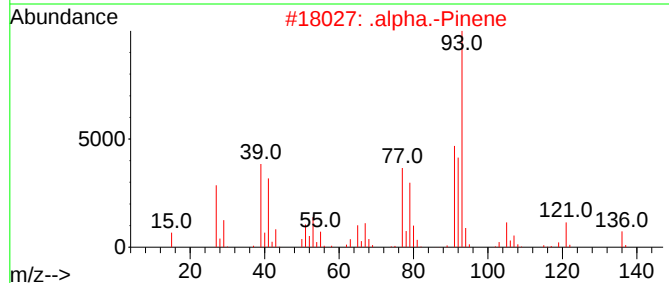
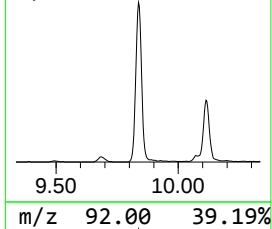
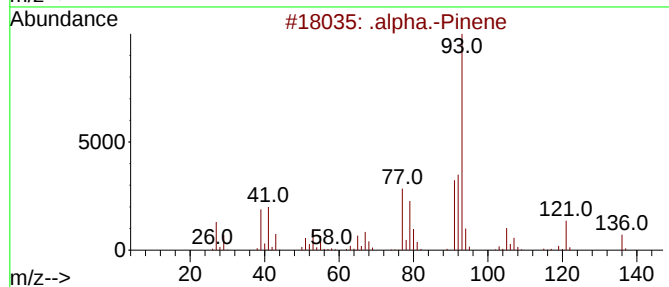
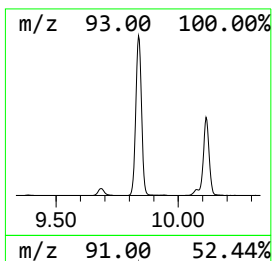
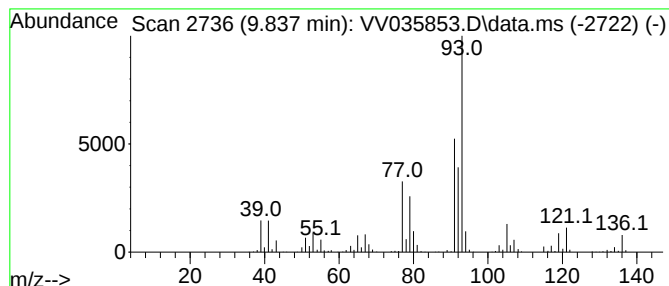
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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.
9.837	8.79 ug/L	656435	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Pinene	136	C10H16	000080-56-8	97	
2	.	alpha.-Pinene	136	C10H16	000080-56-8	95	
3	(1R)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-70-8	94		
4	.	alpha.-Pinene	136	C10H16	000080-56-8	91	
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91		



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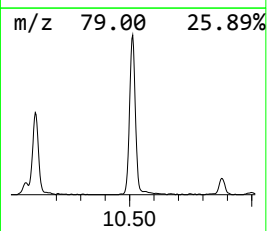
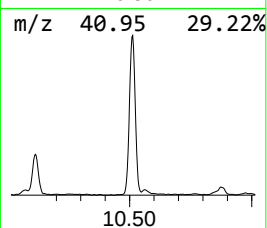
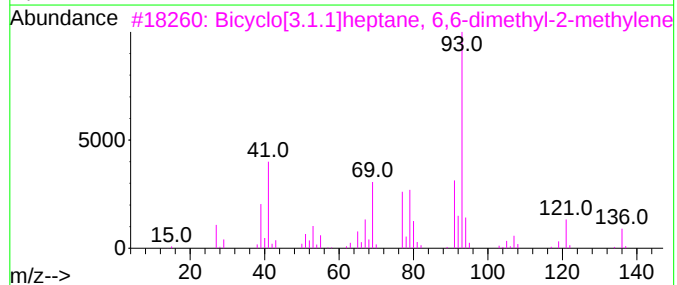
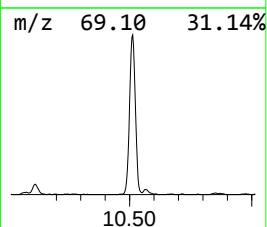
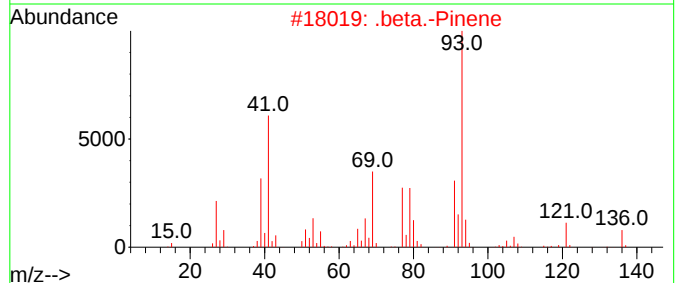
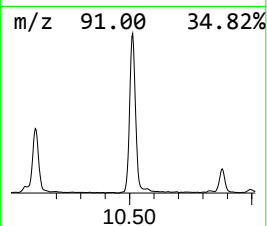
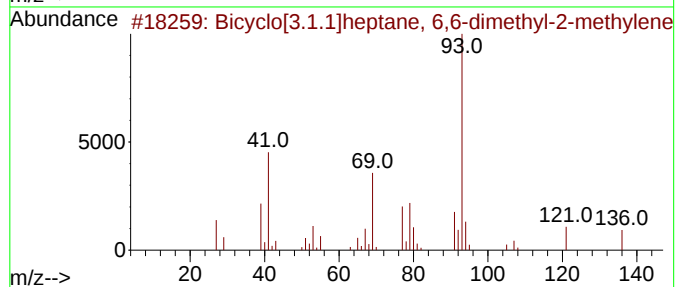
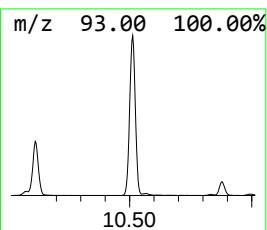
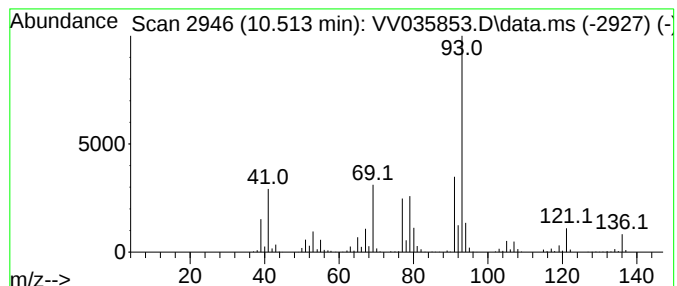
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Quant Title : VOC Analysis

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

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

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10.513	11.33 ug/L	901176	1,4-Dichlorobenzene-d4	11.185

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	97
3			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
4			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	95
5			.beta.-Pinene	136	C10H16	000127-91-3	94



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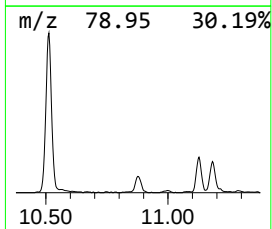
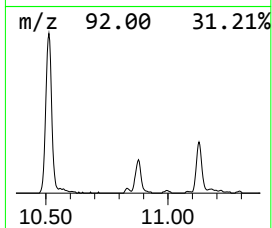
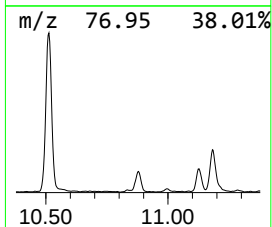
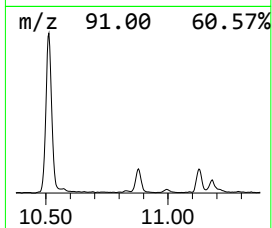
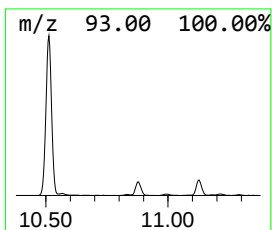
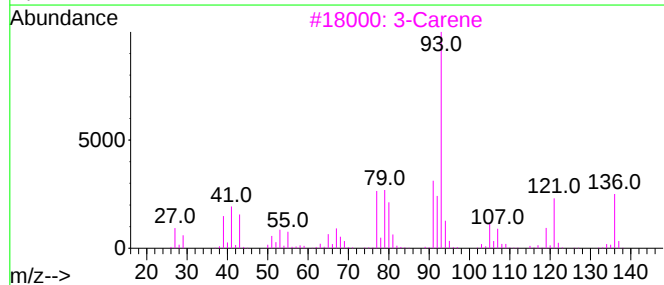
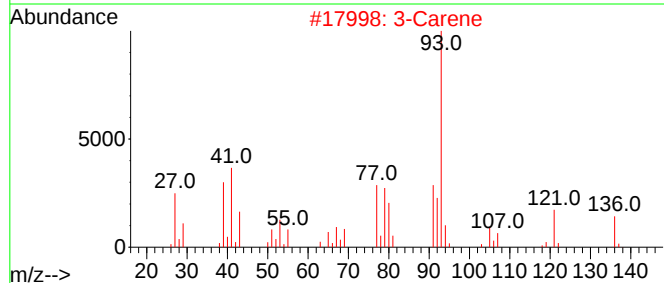
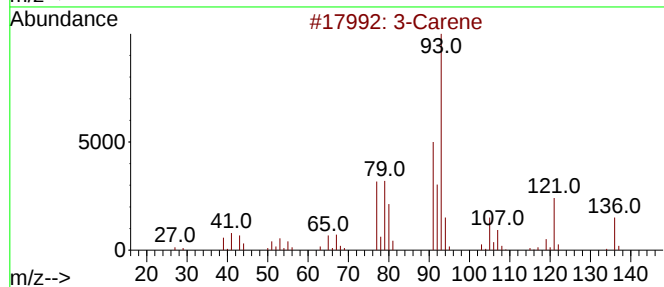
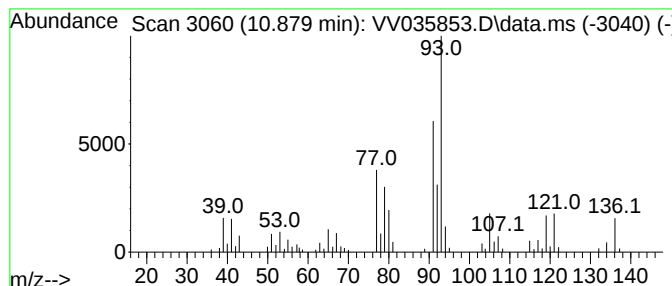
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Quant Title : VOC Analysis

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

Peak Number 7 3-Carene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.879	1.38 ug/L	110012	1,4-Dichlorobenzene-d4	11.185

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	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	90
5	3-Carene			136	C10H16	013466-78-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035853.D
Acq On : 28 May 2024 17:50
Operator : SY/MD
Sample : P2632-05
Misc : 6.66g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX1

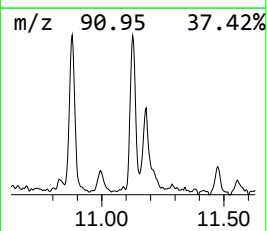
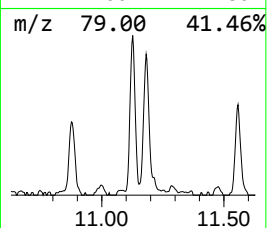
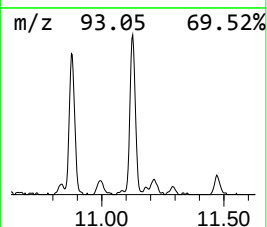
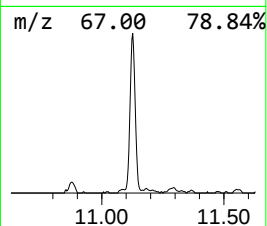
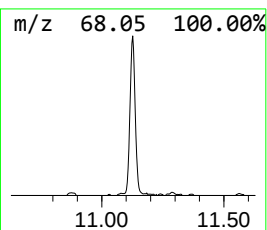
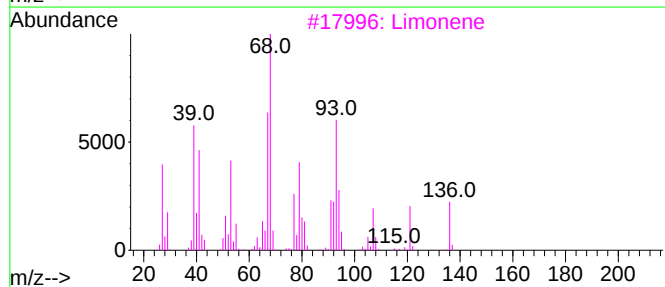
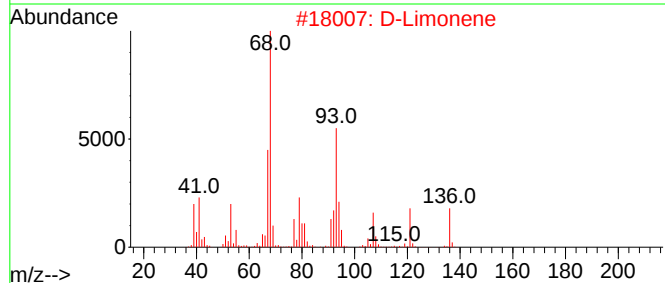
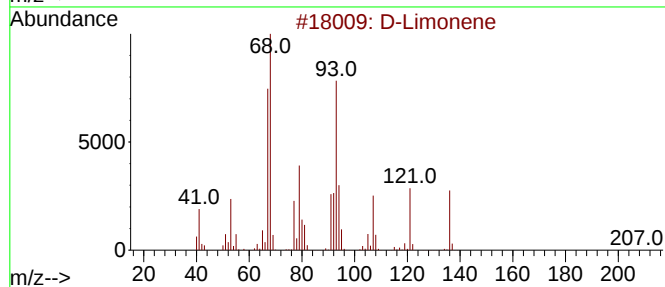
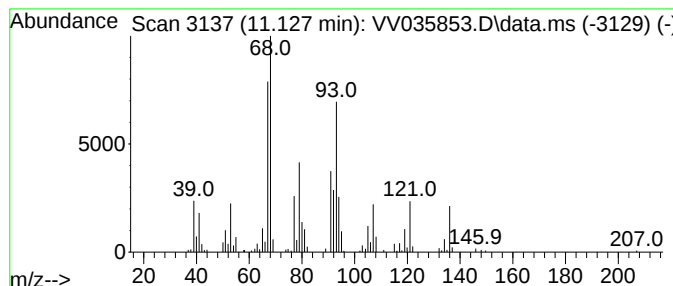
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Quant Title : VOC Analysis

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

Peak Number 8 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	2.30 ug/L	182599	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	99
2	D-Limonene			136	C10H16	005989-27-5	94
3	Limonene			136	C10H16	000138-86-3	94
4	Limonene			136	C10H16	000138-86-3	91
5	D-Limonene			136	C10H16	005989-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
Data File : VV035853.D
Acq On : 28 May 2024 17:50
Operator : SY/MD
Sample : P2632-05
Misc : 6.66g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	9.837	8.8	ug/L	656435	2	8.783	1867870	25.0
Bicyclo[3.1.1]h...	10.513	11.3	ug/L	901176	3	11.185	1988070	25.0
3-Carene	10.879	1.4	ug/L	110012	3	11.185	1988070	25.0
D-Limonene	11.127	2.3	ug/L	182599	3	11.185	1988070	25.0