

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036504.D
 Acq On : 12 Jul 2024 13:55
 Operator : SY/MD
 Sample : P3215-04
 Misc : 5.50g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C02

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\SFAMVLM071124SMA.M
 Title : VOC Analysis

Signal : TIC: VV036504.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	67	73	92	rVB	218182	239426	20.97%	3.402%
2	1.529	145	152	167	rVB	178916	210001	18.39%	2.984%
3	2.053	306	315	333	rVB	387550	556812	48.77%	7.912%
4	2.442	426	436	460	rVB	50426	87129	7.63%	1.238%
5	2.645	495	499	501	rBV	484	383	0.03%	0.005%
6	2.741	526	529	532	rBV3	316	196	0.02%	0.003%
7	2.854	560	564	565	rBV	352	198	0.02%	0.003%
8	2.963	587	598	614	rBV4	6366	13742	1.20%	0.195%
9	3.211	671	675	678	rBV	255	184	0.02%	0.003%
10	3.545	777	779	781	rBV2	224	124	0.01%	0.002%
11	3.638	804	808	811	rBV2	128	111	0.01%	0.002%
12	3.657	811	814	817	rBV	212	144	0.01%	0.002%
13	3.735	834	838	844	rBV	266	223	0.02%	0.003%
14	3.760	844	846	849	rVB2	374	174	0.02%	0.002%
15	3.789	849	855	857	rBV2	117	131	0.01%	0.002%
16	3.825	861	866	867	rBV	270	172	0.02%	0.002%
17	3.863	867	878	889	rBV2	8176	26412	2.31%	0.375%
18	4.243	982	996	1028	rBV2	201191	526677	46.13%	7.484%
19	4.555	1090	1093	1094	rBV2	381	202	0.02%	0.003%
20	4.609	1105	1110	1111	rBV2	463	251	0.02%	0.004%
21	4.622	1111	1114	1116	rVV	370	254	0.02%	0.004%
22	4.648	1120	1122	1125	rVB2	352	176	0.02%	0.003%
23	4.667	1125	1128	1132	rBV2	334	279	0.02%	0.004%
24	4.699	1135	1138	1140	rVV	417	204	0.02%	0.003%
25	4.712	1140	1142	1144	rVB	325	143	0.01%	0.002%
26	4.744	1147	1152	1153	rBV2	270	160	0.01%	0.002%
27	4.828	1174	1178	1182	rVB3	206	155	0.01%	0.002%
28	4.857	1186	1187	1191	rBV2	228	148	0.01%	0.002%
29	4.950	1200	1216	1259	rBV2	443771	1141630	100.00%	16.222%
30	5.346	1334	1339	1344	rBV2	438	523	0.05%	0.007%
31	5.394	1352	1354	1355	rBV2	256	129	0.01%	0.002%
32	5.439	1365	1368	1371	rBV2	313	213	0.02%	0.003%
33	5.529	1385	1396	1426	rBV	382752	810292	70.98%	11.514%
34	5.828	1482	1489	1504	rBV4	9196	17680	1.55%	0.251%
35	5.918	1515	1517	1520	rBV	407	164	0.01%	0.002%
36	5.985	1526	1538	1563	rBV	250431	525989	46.07%	7.474%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Title : VOC Analysis

37	6.288	1625	1632	1634	rBV5	477	467	0.04%	0.007%
38	6.381	1657	1661	1666	rVB2	416	384	0.03%	0.005%
39	6.419	1670	1673	1675	rBV	247	173	0.02%	0.002%
40	6.439	1678	1679	1682	rVB	296	126	0.01%	0.002%
41	6.458	1682	1685	1688	rBV2	281	153	0.01%	0.002%
42	6.567	1716	1719	1723	rVB2	226	156	0.01%	0.002%
43	6.722	1763	1767	1769	rBV	358	183	0.02%	0.003%
44	6.911	1816	1826	1856	rBV	89560	180220	15.79%	2.561%
45	7.185	1908	1911	1917	rBV2	224	280	0.02%	0.004%
46	7.239	1917	1928	1966	rBV	408839	746491	65.39%	10.608%
47	7.554	2017	2026	2054	rBV	57484	116362	10.19%	1.653%
48	7.873	2118	2125	2133	rBV5	1768	2419	0.21%	0.034%
49	7.950	2145	2149	2153	rBV3	301	265	0.02%	0.004%
50	8.037	2168	2176	2199	rBV2	39957	98191	8.60%	1.395%
51	8.493	2316	2318	2319	rBV	259	107	0.01%	0.002%
52	8.570	2340	2342	2344	rVB2	325	118	0.01%	0.002%
53	8.596	2347	2350	2356	rVB2	327	258	0.02%	0.004%
54	8.661	2367	2370	2373	rVB2	335	164	0.01%	0.002%
55	8.677	2373	2375	2376	rBV2	251	112	0.01%	0.002%
56	8.709	2382	2385	2387	rVB3	380	177	0.02%	0.003%
57	8.722	2387	2389	2392	rBV2	283	163	0.01%	0.002%
58	8.738	2392	2394	2397	rVB2	407	187	0.02%	0.003%
59	8.783	2397	2408	2438	rBV	453751	765320	67.04%	10.875%
60	9.133	2514	2517	2518	rBV3	360	177	0.02%	0.003%
61	9.156	2521	2524	2527	rBV3	325	211	0.02%	0.003%
62	9.236	2546	2549	2552	rBV3	185	124	0.01%	0.002%
63	9.271	2557	2560	2563	rVB2	194	134	0.01%	0.002%
64	9.368	2586	2590	2592	rBV3	306	234	0.02%	0.003%
65	9.432	2607	2610	2611	rBV	310	143	0.01%	0.002%
66	9.532	2639	2641	2643	rBV	305	141	0.01%	0.002%
67	9.709	2692	2696	2698	rBV2	290	219	0.02%	0.003%
68	9.834	2728	2735	2745	rVB5	1168	1635	0.14%	0.023%
69	9.879	2747	2749	2752	rBV2	314	155	0.01%	0.002%
70	9.918	2757	2761	2763	rBV2	237	165	0.01%	0.002%
71	10.149	2815	2833	2861	rBV	157537	258929	22.68%	3.679%
72	10.300	2876	2880	2881	rBV2	268	181	0.02%	0.003%
73	10.435	2918	2922	2925	rVB2	371	300	0.03%	0.004%
74	10.461	2926	2930	2931	rBV2	254	154	0.01%	0.002%
75	10.529	2947	2951	2955	rBV3	525	499	0.04%	0.007%
76	10.619	2976	2979	2986	rVB	299	267	0.02%	0.004%

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 Title : VOC Analysis

77	10.773	3024	3027	3029	rBV3	225	147	0.01%	0.002%
78	10.853	3046	3052	3054	rBV4	889	1090	0.10%	0.015%
79	10.885	3056	3062	3081	rVV10	5401	13805	1.21%	0.196%
80	11.127	3132	3137	3144	rVB5	2293	2770	0.24%	0.039%
81	11.181	3144	3154	3174	rBV	228968	372243	32.61%	5.290%
82	11.445	3234	3236	3241	rVB5	645	343	0.03%	0.005%
83	11.471	3242	3244	3248	rVB3	491	315	0.03%	0.004%
84	11.557	3261	3271	3289	rBV	164981	268785	23.54%	3.819%
85	11.721	3315	3322	3332	rBV7	1223	2336	0.20%	0.033%
86	11.914	3377	3382	3385	rBV3	464	539	0.05%	0.008%
87	12.085	3433	3435	3437	rBV2	298	195	0.02%	0.003%
88	12.143	3450	3453	3455	rBV	273	209	0.02%	0.003%
89	12.265	3489	3491	3493	rBV	265	125	0.01%	0.002%
90	12.496	3561	3563	3567	rBV2	335	307	0.03%	0.004%
91	12.532	3572	3574	3576	rVV	279	108	0.01%	0.002%
92	12.728	3632	3635	3636	rBV	235	115	0.01%	0.002%
93	12.828	3660	3666	3668	rBV4	1175	1161	0.10%	0.016%
94	13.085	3743	3746	3748	rBV	426	206	0.02%	0.003%
95	13.162	3767	3770	3772	rBV	359	198	0.02%	0.003%
96	13.310	3812	3816	3820	rBV	385	352	0.03%	0.005%
97	13.458	3854	3862	3865	rBV2	1229	1719	0.15%	0.024%
98	13.686	3931	3933	3937	rVB2	644	427	0.04%	0.006%
99	13.757	3952	3955	3961	rBV2	494	480	0.04%	0.007%
100	16.004	4647	4654	4665	rVB4	22439	32396	2.84%	0.460%

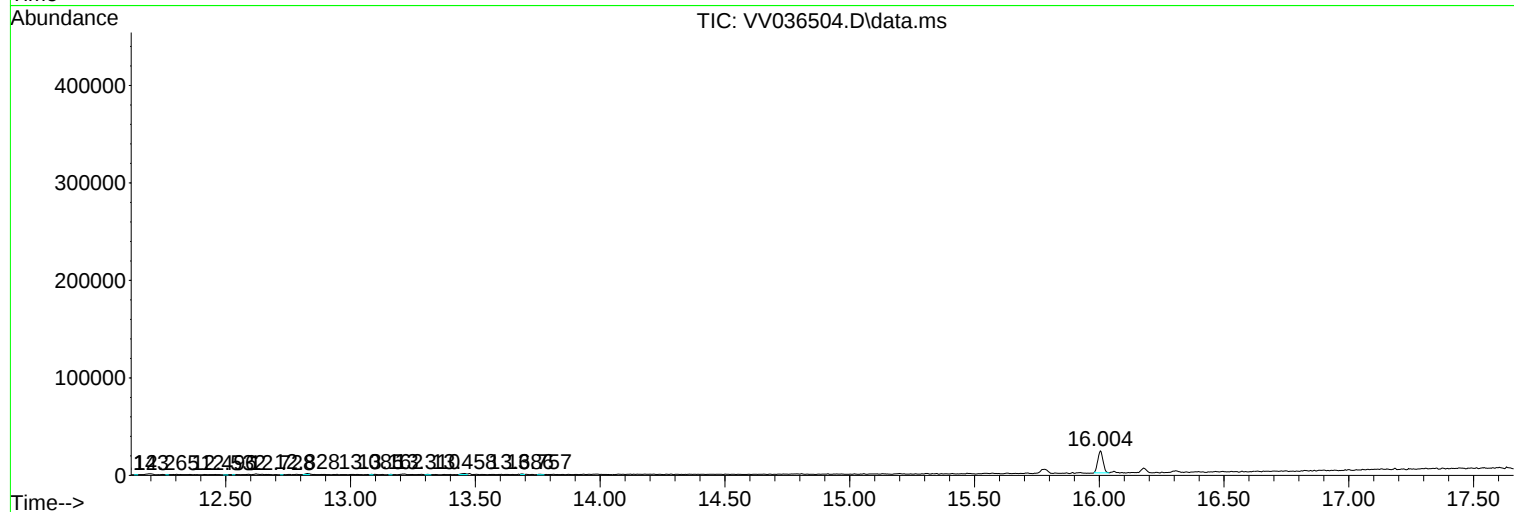
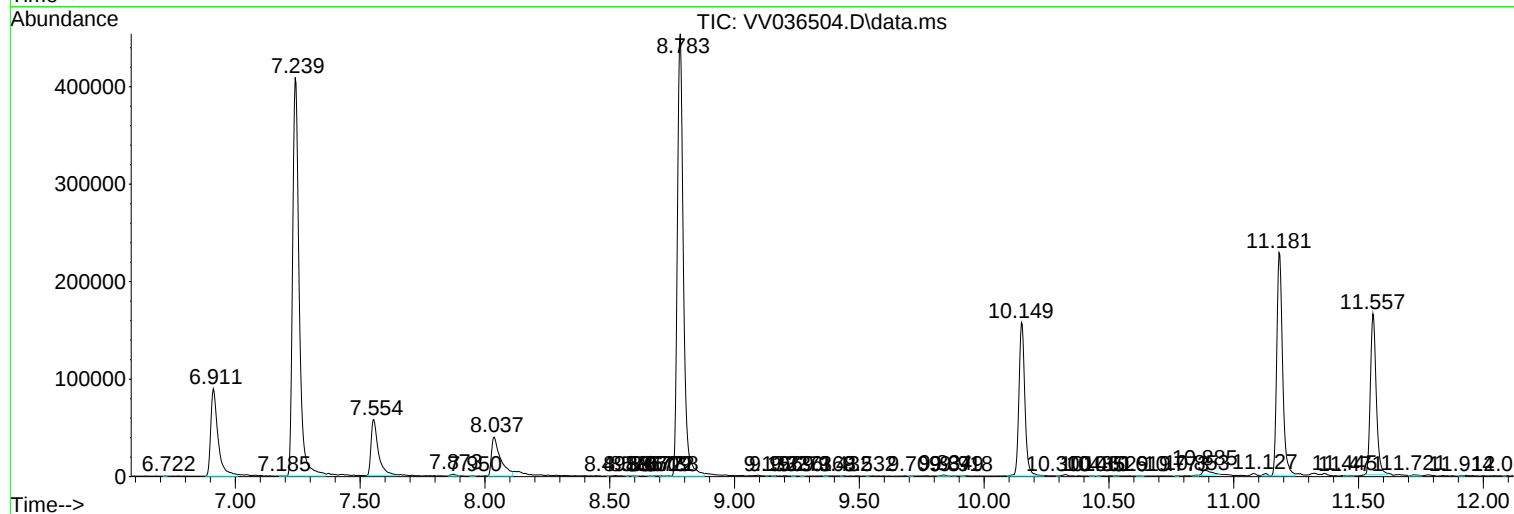
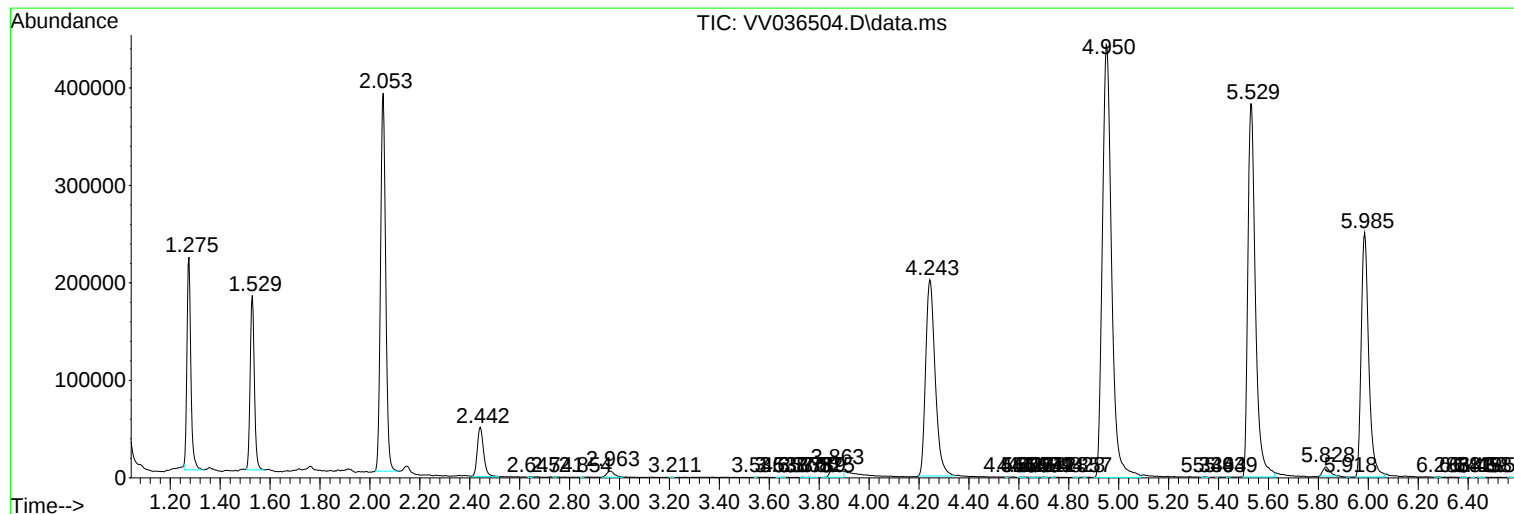
Sum of corrected areas: 7037346

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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



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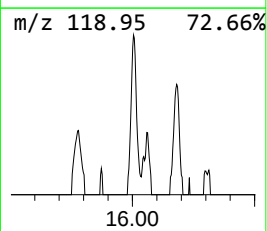
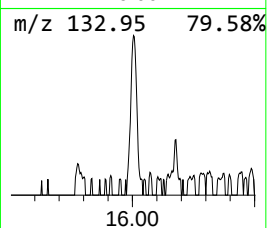
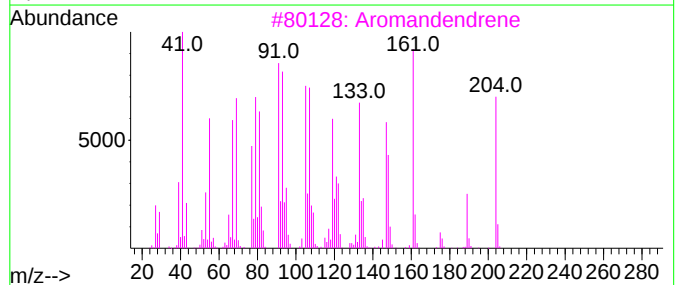
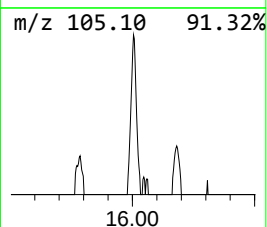
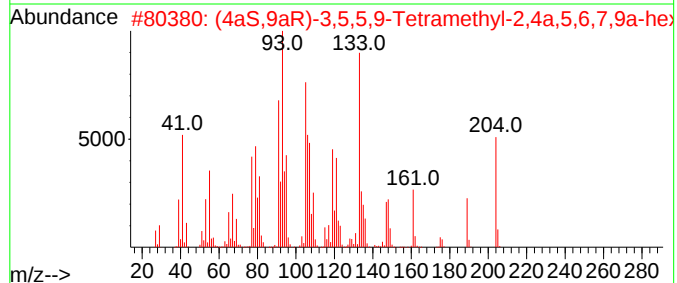
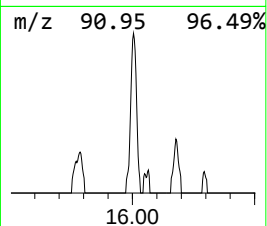
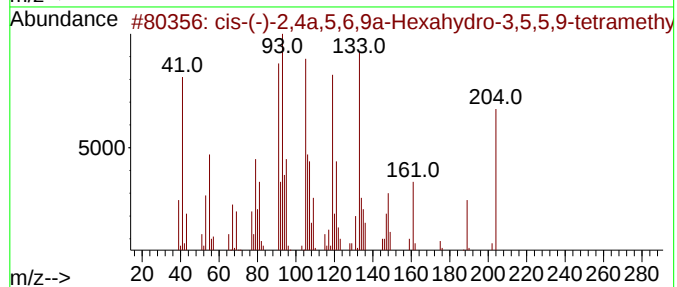
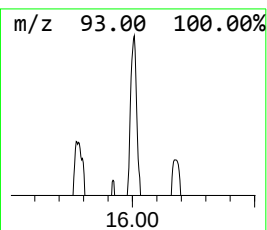
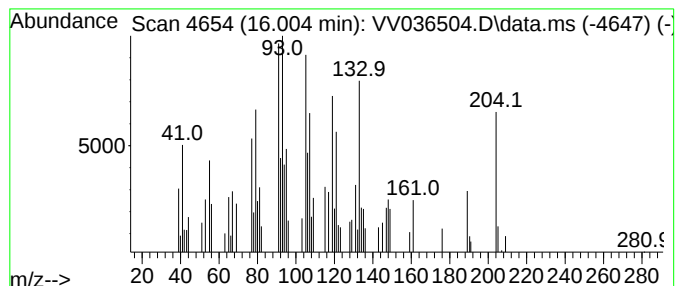
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Aromandendrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	2.18 ug/L	32396	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	99
2			(4aS,9aR)-3,5,5,9-Tetramethyl-2,...	204	C15H24	053111-25-4	99
3			Aromandendrene	204	C15H24	000489-39-4	89
4			.beta.-Guaiene	204	C15H24	000088-84-6	86
5			Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Aromandendrene	16.004	2.2	ug/L	32396	3	11.181	372243	25.0