

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052824\
 Data File : VV035847.D
 Acq On : 28 May 2024 15:34
 Operator : SY/MD
 Sample : P2586-20
 Misc : 6.45g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4C56

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: VV035847.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	93	rVB	321214	351909	16.19%	1.946%
2	1.526	144	151	168	rVB	257350	310777	14.29%	1.718%
3	2.050	304	314	334	rVB	536239	794681	36.55%	4.393%
4	2.442	425	436	451	rBV	97398	166409	7.65%	0.920%
5	2.555	468	471	478	rVB5	1049	1084	0.05%	0.006%
6	2.580	478	479	486	rVB3	804	572	0.03%	0.003%
7	2.690	510	513	514	rBV2	555	298	0.01%	0.002%
8	2.831	555	557	561	rVV2	451	334	0.02%	0.002%
9	2.963	582	598	615	rBV2	20688	45331	2.09%	0.251%
10	3.246	679	686	689	rBV4	393	432	0.02%	0.002%
11	3.297	699	702	707	rVB	381	349	0.02%	0.002%
12	3.407	729	736	739	rBV3	420	491	0.02%	0.003%
13	3.500	760	765	769	rVB3	299	292	0.01%	0.002%
14	3.844	862	872	873	rBV	24888	32490	1.49%	0.180%
15	4.246	980	997	1029	rBV	342275	906254	41.68%	5.010%
16	4.732	1144	1148	1149	rBV2	498	350	0.02%	0.002%
17	4.953	1197	1217	1267	rBV2	811434	2099517	96.57%	11.607%
18	5.532	1384	1397	1436	rBV	834069	1750559	80.52%	9.678%
19	5.825	1478	1488	1513	rBV	38200	86332	3.97%	0.477%
20	5.985	1525	1538	1567	rBV	467216	991053	45.58%	5.479%
21	6.268	1621	1626	1629	rBV4	493	528	0.02%	0.003%
22	6.368	1655	1657	1663	rVB4	487	501	0.02%	0.003%
23	6.458	1681	1685	1688	rVB3	493	396	0.02%	0.002%
24	6.619	1732	1735	1739	rBV3	907	718	0.03%	0.004%
25	6.703	1756	1761	1768	rBV3	442	489	0.02%	0.003%
26	6.731	1768	1770	1777	rBV3	411	387	0.02%	0.002%
27	6.764	1777	1780	1784	rBV3	383	326	0.01%	0.002%
28	6.866	1808	1812	1816	rVB2	369	398	0.02%	0.002%
29	6.911	1816	1826	1862	rBV	209304	419824	19.31%	2.321%
30	7.156	1899	1902	1905	rBV3	383	320	0.01%	0.002%
31	7.239	1915	1928	1961	rBV	909302	1623554	74.68%	8.976%
32	7.555	2016	2026	2060	rBV	138171	271317	12.48%	1.500%
33	7.789	2096	2099	2103	rBV4	524	484	0.02%	0.003%
34	7.873	2116	2125	2135	rBV2	9044	16580	0.76%	0.092%
35	8.034	2166	2175	2206	rBV	136940	319759	14.71%	1.768%
36	8.300	2256	2258	2260	rBV3	534	339	0.02%	0.002%

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 Title : VOC Analysis

37	8.436	2297	2300	2303	rBV3	413	283	0.01%	0.002%
38	8.503	2318	2321	2323	rVB2	673	327	0.02%	0.002%
39	8.612	2352	2355	2359	rVV3	458	413	0.02%	0.002%
40	8.648	2364	2366	2369	rVV3	597	294	0.01%	0.002%
41	8.667	2369	2372	2375	rVB3	438	292	0.01%	0.002%
42	8.783	2396	2408	2452	rBV	1321526	2174094	100.00%	12.019%
43	9.172	2528	2529	2534	rBV3	430	326	0.01%	0.002%
44	9.217	2541	2543	2546	rVB2	567	326	0.01%	0.002%
45	9.239	2546	2550	2552	rBV3	568	373	0.02%	0.002%
46	9.278	2557	2562	2565	rBV4	862	852	0.04%	0.005%
47	9.403	2598	2601	2604	rBV2	455	361	0.02%	0.002%
48	9.426	2604	2608	2611	rVV2	389	353	0.02%	0.002%
49	9.484	2620	2626	2627	rBV3	695	590	0.03%	0.003%
50	9.500	2629	2631	2634	rVB3	631	383	0.02%	0.002%
51	9.545	2641	2645	2650	rVB4	342	351	0.02%	0.002%
52	9.677	2683	2686	2687	rBV2	1005	483	0.02%	0.003%
53	9.837	2727	2736	2752	rBV	18466	31583	1.45%	0.175%
54	9.927	2761	2764	2767	rBV3	655	454	0.02%	0.003%
55	9.944	2767	2769	2772	rVV4	450	335	0.02%	0.002%
56	10.062	2799	2806	2809	rBV3	1340	1488	0.07%	0.008%
57	10.117	2812	2823	2825	rBV3	31083	43598	2.01%	0.241%
58	10.153	2825	2834	2858	rVB	362795	589703	27.12%	3.260%
59	10.323	2876	2887	2898	rBV	49830	82198	3.78%	0.454%
60	10.477	2931	2935	2937	rBV3	713	688	0.03%	0.004%
61	10.513	2937	2946	2957	rVB5	5798	10654	0.49%	0.059%
62	10.725	3010	3012	3017	rVB2	520	329	0.02%	0.002%
63	10.770	3023	3026	3028	rBV	501	293	0.01%	0.002%
64	10.825	3039	3043	3045	rBV4	539	337	0.02%	0.002%
65	10.850	3045	3051	3064	rVB9	2184	3950	0.18%	0.022%
66	10.976	3083	3090	3099	rVB6	1151	1829	0.08%	0.010%
67	11.024	3099	3105	3106	rBV3	350	369	0.02%	0.002%
68	11.082	3118	3123	3126	rBV5	2214	2015	0.09%	0.011%
69	11.124	3129	3136	3144	rBV5	10812	16382	0.75%	0.091%
70	11.181	3144	3154	3176	rBV	1225231	1917548	88.20%	10.601%
71	11.288	3182	3187	3205	rVB6	20603	35496	1.63%	0.196%
72	11.503	3245	3254	3260	rBV6	7803	15658	0.72%	0.087%
73	11.558	3260	3271	3293	rVB	868326	1376755	63.33%	7.611%
74	11.841	3353	3359	3365	rBV7	1593	2243	0.10%	0.012%
75	11.911	3378	3381	3382	rBV2	1186	565	0.03%	0.003%
76	11.963	3394	3397	3400	rVB3	1014	744	0.03%	0.004%

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 Title : VOC Analysis

77	12.014	3408	3413	3416	rBV3	1014	931	0.04%	0.005%
78	12.130	3446	3449	3451	rBV2	761	362	0.02%	0.002%
79	12.194	3456	3469	3483	rBV2	23021	39102	1.80%	0.216%
80	12.300	3494	3502	3509	rBV7	4115	7303	0.34%	0.040%
81	12.403	3531	3534	3539	rVB4	978	673	0.03%	0.004%
82	12.432	3539	3543	3544	rBV4	657	505	0.02%	0.003%
83	12.500	3562	3564	3568	rVB3	516	343	0.02%	0.002%
84	12.615	3587	3600	3609	rBV8	6776	13339	0.61%	0.074%
85	12.828	3660	3666	3673	rVB7	2333	3189	0.15%	0.018%
86	13.095	3738	3749	3762	rBV2	67580	113936	5.24%	0.630%
87	13.204	3780	3783	3784	rBV2	791	521	0.02%	0.003%
88	13.352	3826	3829	3833	rBV5	1145	743	0.03%	0.004%
89	13.390	3839	3841	3844	rBV4	607	419	0.02%	0.002%
90	13.426	3849	3852	3855	rBV4	421	309	0.01%	0.002%
91	13.468	3855	3865	3872	rBV7	3049	5308	0.24%	0.029%
92	13.558	3891	3893	3900	rBV6	848	829	0.04%	0.005%
93	13.660	3923	3925	3927	rBV2	640	362	0.02%	0.002%
94	13.686	3927	3933	3942	rVV9	2199	3213	0.15%	0.018%
95	13.722	3942	3944	3947	rVB2	694	343	0.02%	0.002%
96	13.760	3951	3956	3957	rBV3	648	498	0.02%	0.003%
97	13.931	4006	4009	4011	rBV3	518	344	0.02%	0.002%
98	13.979	4018	4024	4025	rBV4	3532	2876	0.13%	0.016%
99	14.326	4119	4132	4155	rBV	900235	1370250	63.03%	7.575%
100	16.008	4651	4655	4667	rVB10	7976	11739	0.54%	0.065%

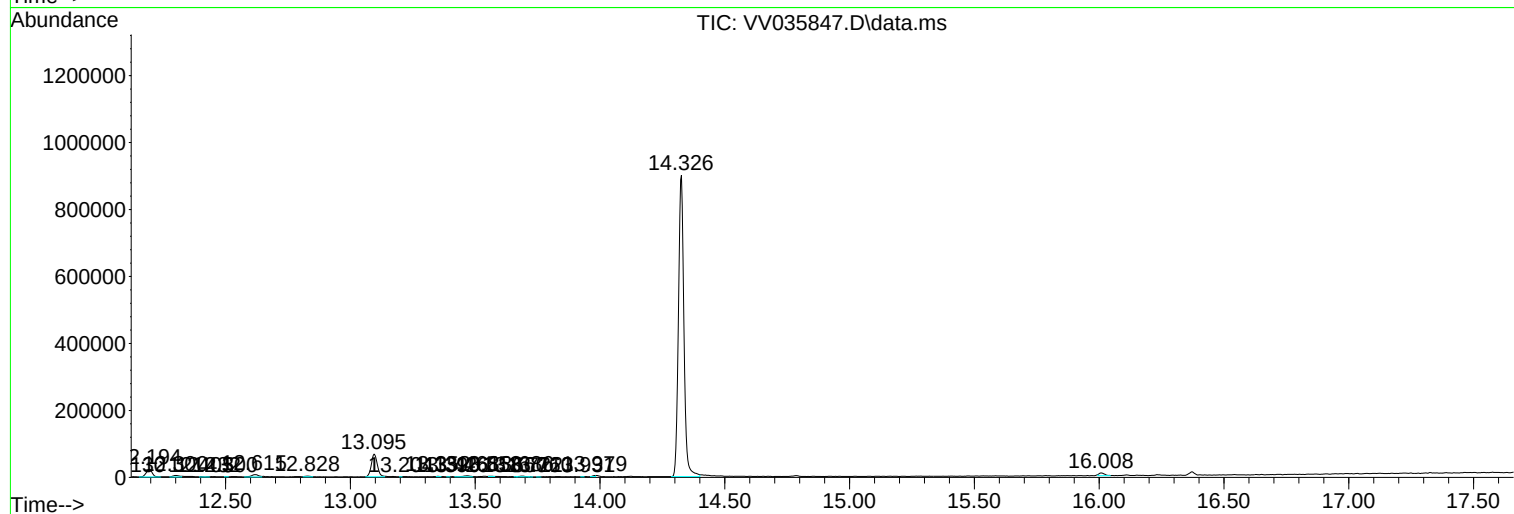
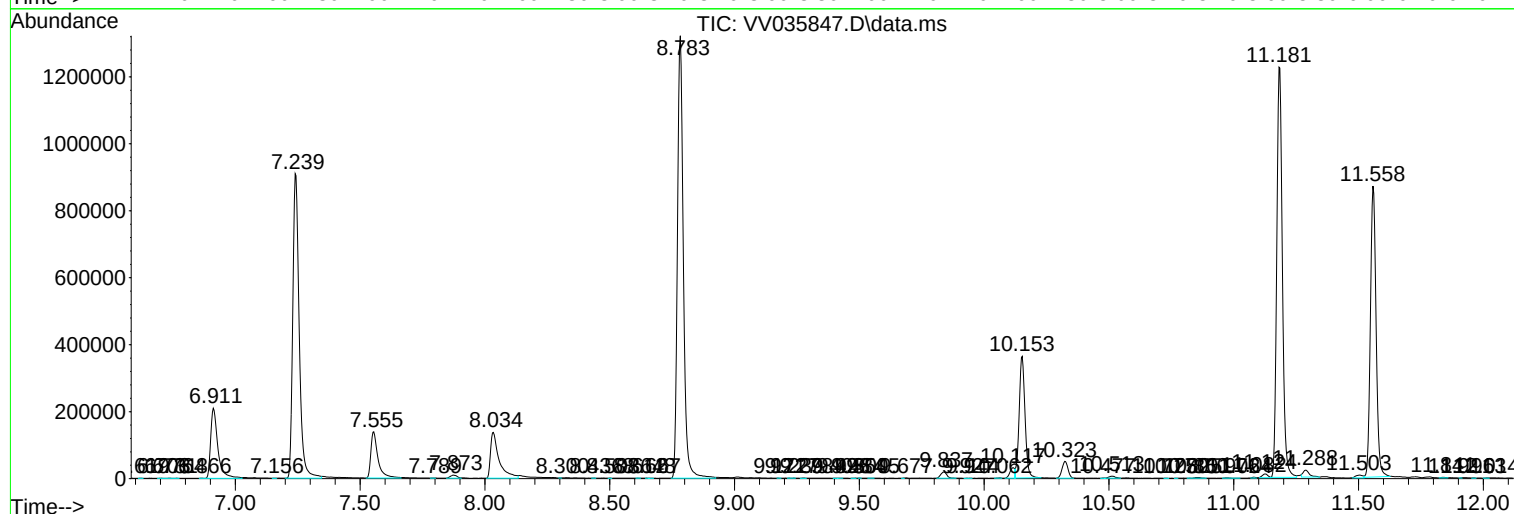
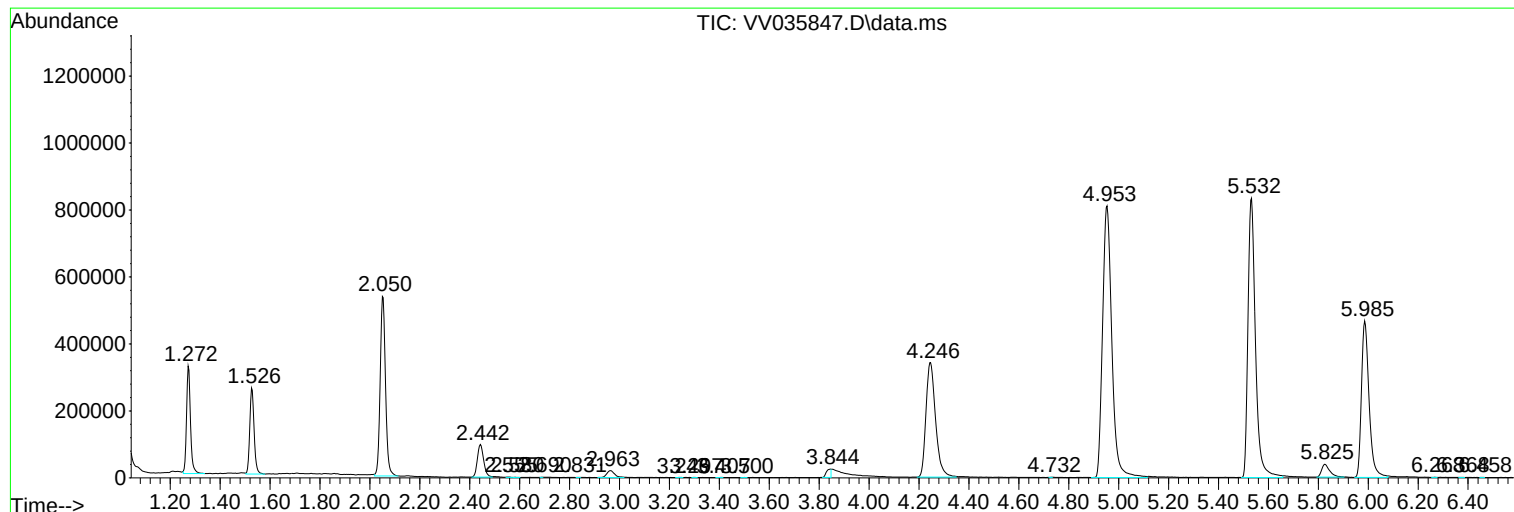
Sum of corrected areas: 18088186

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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



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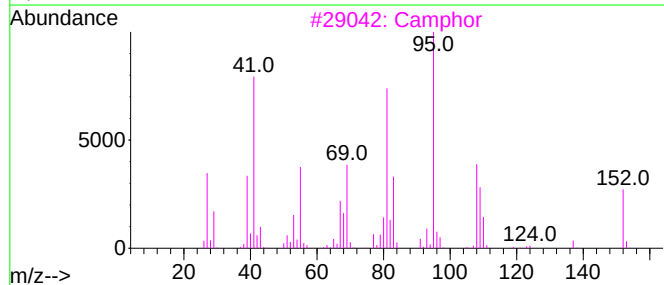
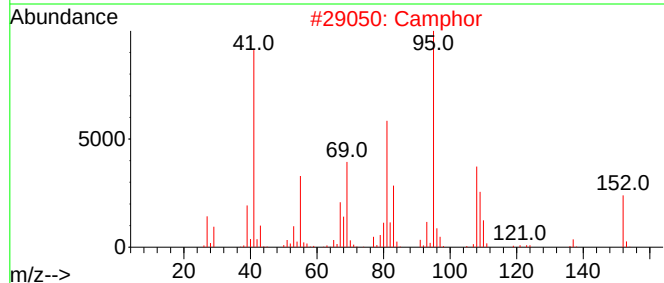
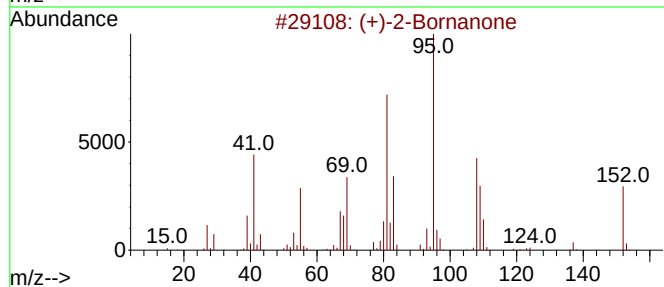
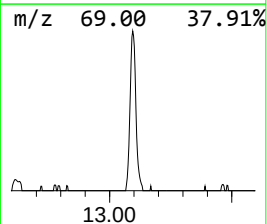
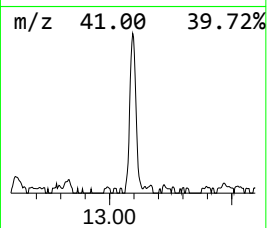
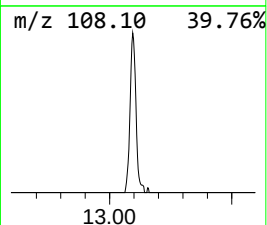
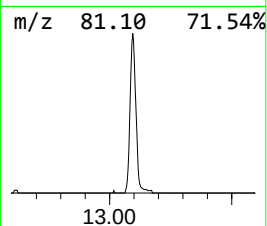
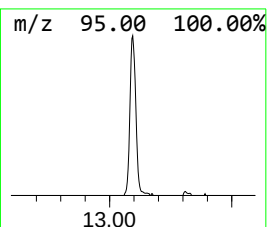
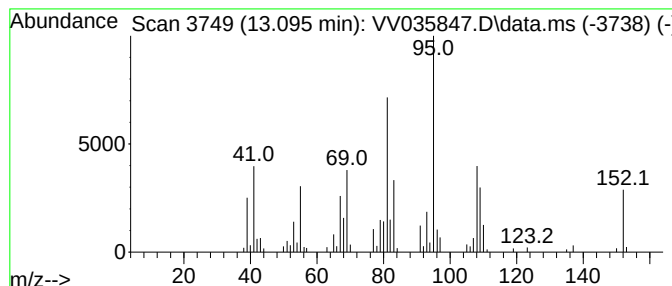
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (+)-2-Bornanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.095	1.49 ug/L	113936	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone			152	C10H16O	000464-49-3	97
2	Camphor			152	C10H16O	000076-22-2	97
3	Camphor			152	C10H16O	000076-22-2	97
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...			152	C10H16O	000464-48-2	96
5	(+)-2-Bornanone			152	C10H16O	000464-49-3	95



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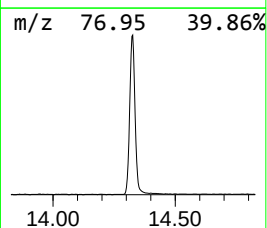
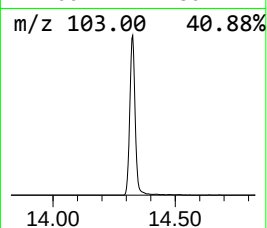
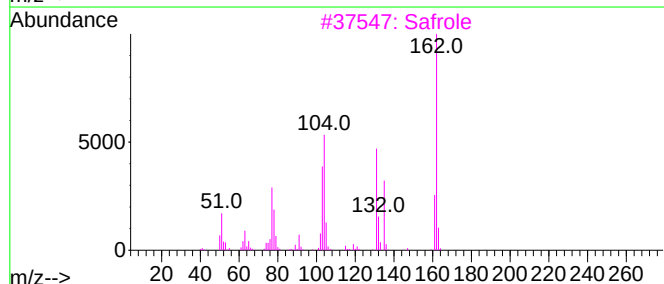
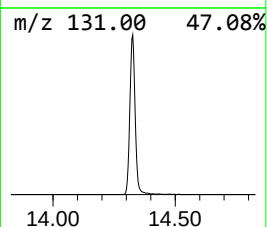
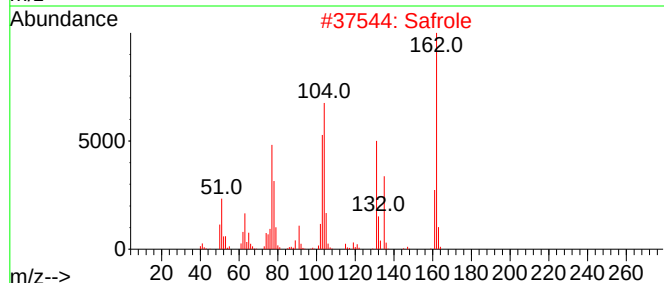
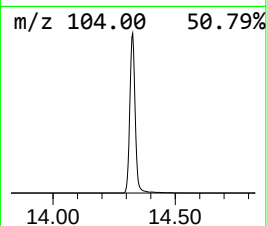
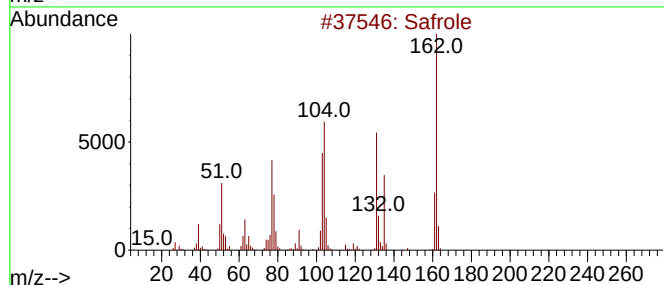
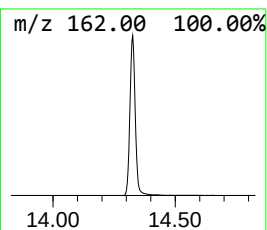
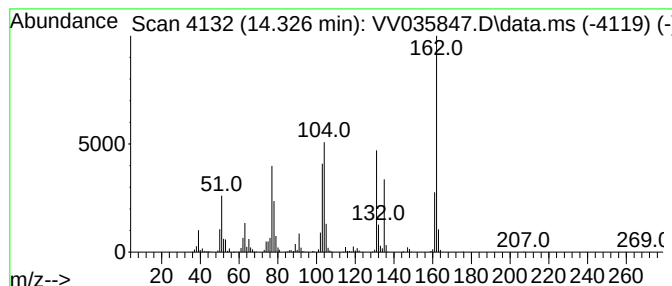
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Safrole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	17.86 ug/L	1370250	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Safrole	162	C10H10O2	000094-59-7	98
2			Safrole	162	C10H10O2	000094-59-7	98
3			Safrole	162	C10H10O2	000094-59-7	97
4			1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
5			Safrole	162	C10H10O2	000094-59-7	97



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(+)-2-Bornanone	13.095	1.5	ug/L	113936	3	11.185	1917550	25.0
Safrole	14.326	17.9	ug/L	1370250	3	11.185	1917550	25.0