

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036440.D
 Acq On : 03 Jul 2024 13:46
 Operator : SY/MD
 Sample : P3100-20
 Misc : 5.03g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D33

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\SFAMVLM062724SMA.M
 Title : VOC Analysis

Signal : TIC: VV036440.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	87	rVB	249568	262153	21.32%	3.074%
2	1.526	145	151	167	rVB	197384	236584	19.24%	2.774%
3	1.831	238	246	271	rBV	181227	359265	29.21%	4.212%
4	2.053	306	315	328	rBV	409740	592196	48.16%	6.943%
5	2.442	427	436	464	rVB	68023	122911	9.99%	1.441%
6	2.635	492	496	497	rBV	306	210	0.02%	0.002%
7	2.809	546	550	555	rVB2	369	273	0.02%	0.003%
8	2.963	585	598	616	rBV3	14574	31289	2.54%	0.367%
9	3.133	647	651	653	rBV2	405	257	0.02%	0.003%
10	3.249	684	687	688	rBV	284	139	0.01%	0.002%
11	3.285	697	698	701	rBV2	212	122	0.01%	0.001%
12	3.506	764	767	770	rVV3	272	213	0.02%	0.002%
13	3.529	772	774	782	rVB2	279	220	0.02%	0.003%
14	3.815	853	863	877	rBV	9575	28166	2.29%	0.330%
15	4.149	964	967	968	rBV	286	157	0.01%	0.002%
16	4.243	981	996	1032	rBV	216387	568027	46.19%	6.660%
17	4.741	1147	1151	1153	rVV2	264	222	0.02%	0.003%
18	4.764	1156	1158	1162	rVB	259	133	0.01%	0.002%
19	4.793	1163	1167	1171	rVV2	251	211	0.02%	0.002%
20	4.889	1192	1197	1199	rBV2	310	219	0.02%	0.003%
21	4.953	1202	1217	1253	rBV2	479964	1229756	100.00%	14.418%
22	5.529	1385	1396	1427	rBV	473059	1000152	81.33%	11.726%
23	5.985	1525	1538	1568	rBV	274488	575015	46.76%	6.742%
24	6.239	1615	1617	1619	rVB2	431	143	0.01%	0.002%
25	6.259	1621	1623	1625	rBV3	459	233	0.02%	0.003%
26	6.297	1632	1635	1636	rBV	464	272	0.02%	0.003%
27	6.368	1655	1657	1659	rBV2	309	177	0.01%	0.002%
28	6.410	1665	1670	1672	rBV2	522	378	0.03%	0.004%
29	6.442	1678	1680	1682	rVB2	288	116	0.01%	0.001%
30	6.487	1692	1694	1696	rBV2	332	162	0.01%	0.002%
31	6.500	1696	1698	1701	rVV	294	135	0.01%	0.002%
32	6.542	1709	1711	1713	rBV	266	158	0.01%	0.002%
33	6.577	1721	1722	1727	rVB2	419	206	0.02%	0.002%
34	6.606	1728	1731	1735	rVV3	298	212	0.02%	0.002%
35	6.645	1741	1743	1745	rBV	442	174	0.01%	0.002%
36	6.728	1765	1769	1773	rBV2	173	188	0.02%	0.002%

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37	6.754	1773	1777	1780	rVB	364	309	0.03%	0.004%
38	6.805	1791	1793	1798	rVB2	365	244	0.02%	0.003%
39	6.831	1798	1801	1804	rBV3	168	119	0.01%	0.001%
40	6.911	1817	1826	1858	rBV	100982	203278	16.53%	2.383%
41	7.162	1902	1904	1908	rBV3	364	157	0.01%	0.002%
42	7.239	1918	1928	1963	rBV	516813	936169	76.13%	10.976%
43	7.555	2018	2026	2047	rBV	58140	111316	9.05%	1.305%
44	7.802	2101	2103	2105	rBV2	364	213	0.02%	0.002%
45	7.831	2110	2112	2116	rVV4	412	313	0.03%	0.004%
46	7.876	2117	2126	2135	rVB	5987	9908	0.81%	0.116%
47	7.934	2141	2144	2145	rBV	291	126	0.01%	0.001%
48	7.963	2150	2153	2159	rBV5	361	358	0.03%	0.004%
49	8.034	2167	2175	2195	rBV	34428	75285	6.12%	0.883%
50	8.294	2254	2256	2259	rBV3	486	254	0.02%	0.003%
51	8.381	2280	2283	2284	rBV2	592	299	0.02%	0.004%
52	8.439	2299	2301	2303	rVV2	377	160	0.01%	0.002%
53	8.500	2315	2320	2323	rBV4	461	404	0.03%	0.005%
54	8.735	2390	2393	2394	rBV2	295	147	0.01%	0.002%
55	8.783	2397	2408	2430	rBV	557058	925072	75.22%	10.846%
56	9.008	2472	2478	2491	rBV8	2095	3993	0.32%	0.047%
57	9.098	2502	2506	2513	rVB5	749	1012	0.08%	0.012%
58	9.130	2513	2516	2518	rBV2	420	276	0.02%	0.003%
59	9.207	2537	2540	2544	rBV3	277	215	0.02%	0.003%
60	9.313	2570	2573	2575	rVB	383	156	0.01%	0.002%
61	9.374	2590	2592	2595	rBV2	261	163	0.01%	0.002%
62	9.407	2599	2602	2605	rVV3	329	169	0.01%	0.002%
63	9.429	2605	2609	2613	rBV3	391	381	0.03%	0.004%
64	9.474	2620	2623	2626	rVB2	354	204	0.02%	0.002%
65	9.497	2626	2630	2632	rBV	381	283	0.02%	0.003%
66	9.548	2642	2646	2650	rVB2	562	375	0.03%	0.004%
67	9.577	2650	2655	2657	rBV2	218	145	0.01%	0.002%
68	9.599	2657	2662	2663	rBV3	495	389	0.03%	0.005%
69	9.693	2687	2691	2694	rBV4	455	313	0.03%	0.004%
70	9.770	2712	2715	2719	rBV2	411	259	0.02%	0.003%
71	9.796	2721	2723	2726	rVV2	425	224	0.02%	0.003%
72	9.837	2728	2736	2744	rVB5	3639	5472	0.44%	0.064%
73	9.902	2754	2756	2760	rBV3	416	350	0.03%	0.004%
74	9.931	2763	2765	2767	rVB	383	144	0.01%	0.002%
75	9.947	2767	2770	2772	rBV	226	134	0.01%	0.002%
76	10.152	2822	2834	2851	rBV	134899	216198	17.58%	2.535%

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77	10.323	2877	2887	2898	rVB3	27294	43679	3.55%	0.512%
78	10.429	2917	2920	2924	rBV2	241	163	0.01%	0.002%
79	10.448	2924	2926	2928	rVB	504	187	0.02%	0.002%
80	10.471	2928	2933	2935	rBV3	954	758	0.06%	0.009%
81	10.509	2940	2945	2952	rVV7	1444	1712	0.14%	0.020%
82	10.580	2961	2967	2968	rBV2	2783	2170	0.18%	0.025%
83	10.667	2984	2994	3000	rBV6	2522	4102	0.33%	0.048%
84	10.757	3018	3022	3024	rBV	557	448	0.04%	0.005%
85	10.808	3036	3038	3039	rBV	377	165	0.01%	0.002%
86	10.828	3040	3044	3045	rVV3	716	440	0.04%	0.005%
87	10.876	3046	3059	3078	rVV2	59828	111886	9.10%	1.312%
88	11.185	3145	3155	3173	rBV	288988	462970	37.65%	5.428%
89	11.558	3262	3271	3298	rVB	213237	353327	28.73%	4.143%
90	12.191	3461	3468	3478	rBV2	9572	14686	1.19%	0.172%
91	12.619	3593	3601	3612	rBV4	6178	10897	0.89%	0.128%
92	12.824	3660	3665	3674	rBV5	1658	2948	0.24%	0.035%
93	13.062	3737	3739	3740	rBV	630	233	0.02%	0.003%
94	13.094	3743	3749	3761	rVB8	4893	7679	0.62%	0.090%
95	13.175	3770	3774	3776	rBV	341	333	0.03%	0.004%
96	13.467	3858	3865	3871	rBV5	1555	2458	0.20%	0.029%
97	13.673	3925	3929	3936	rBV7	1089	1472	0.12%	0.017%
98	13.763	3955	3957	3960	rBV2	483	307	0.02%	0.004%
99	14.033	4039	4041	4044	rBV2	372	211	0.02%	0.002%
100	14.111	4061	4065	4066	rBV3	935	608	0.05%	0.007%

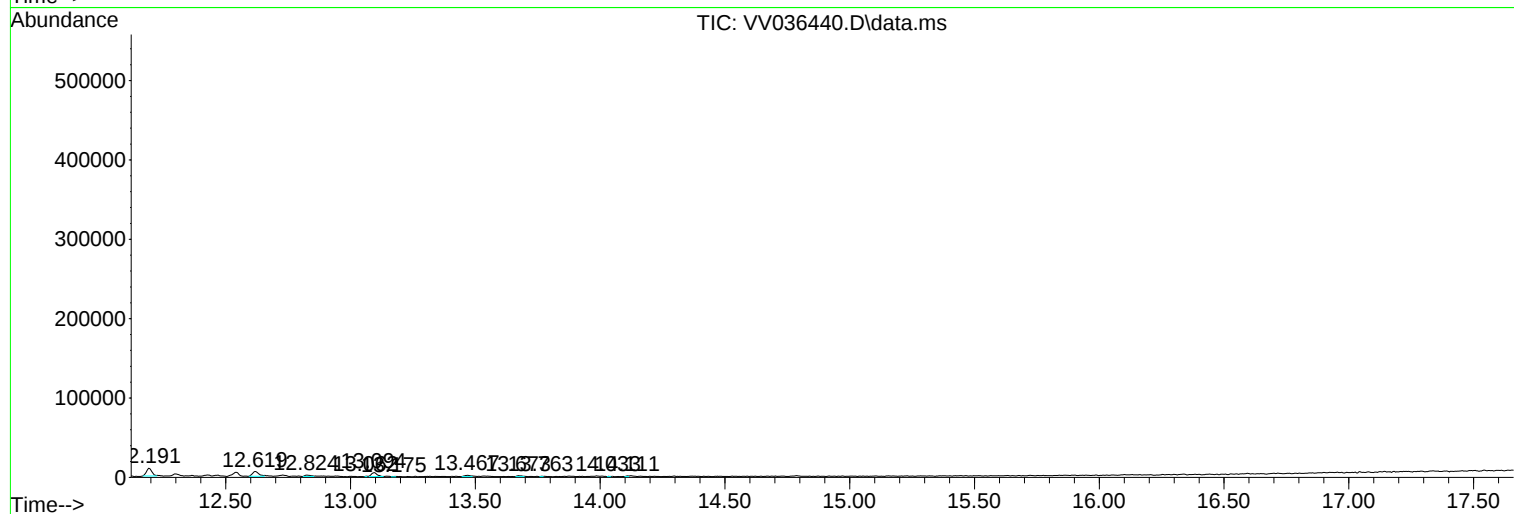
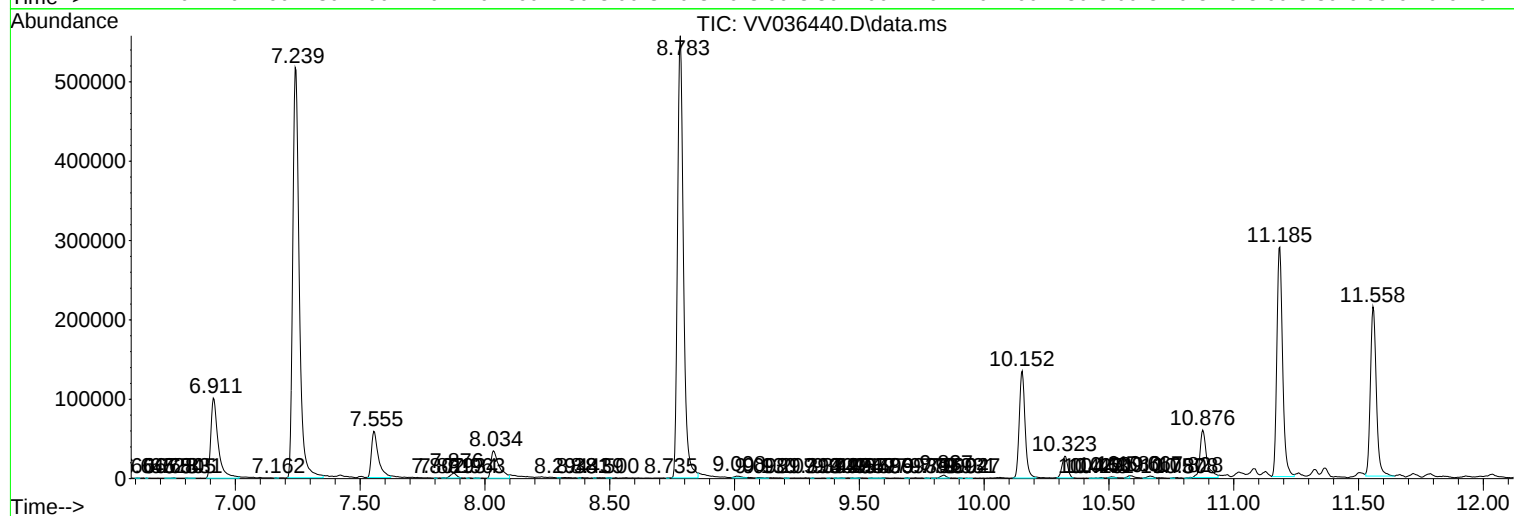
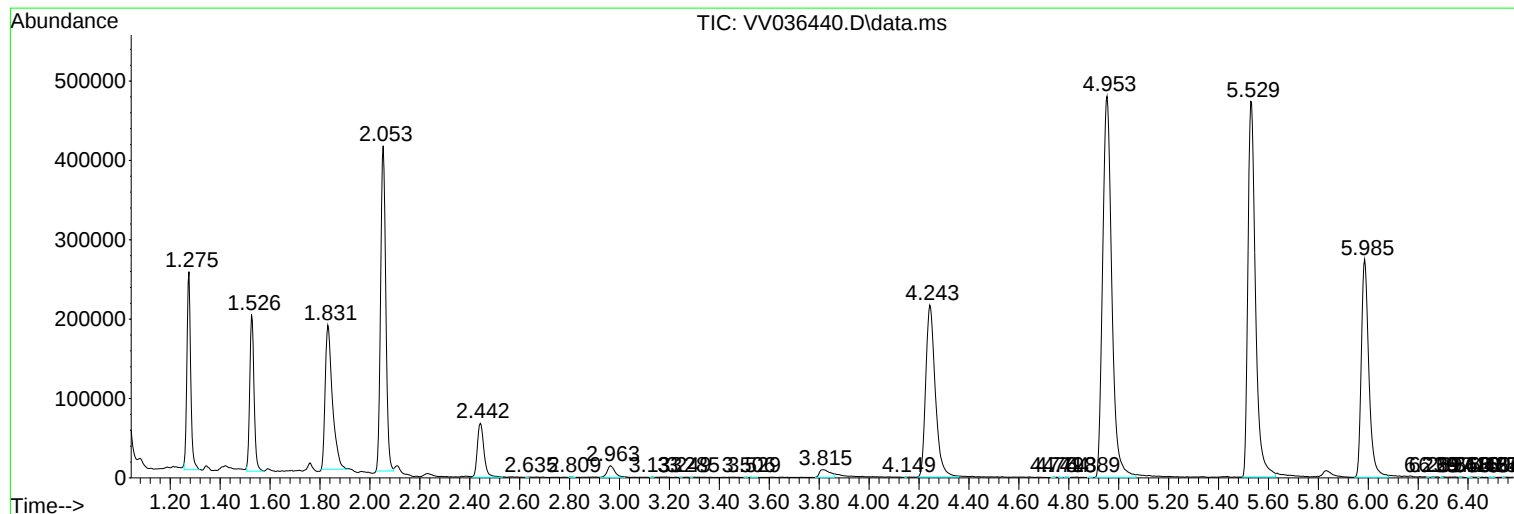
Sum of corrected areas: 8529269

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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



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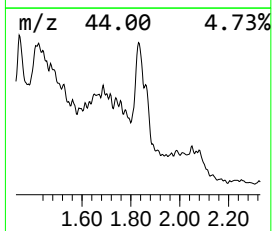
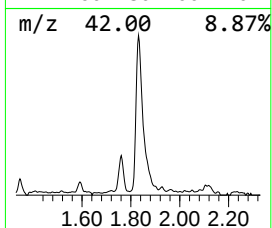
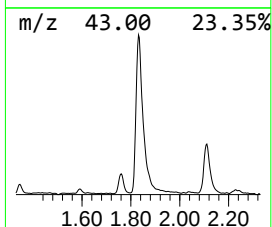
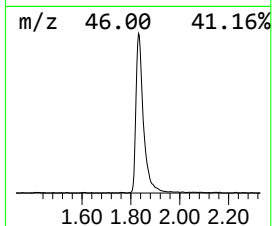
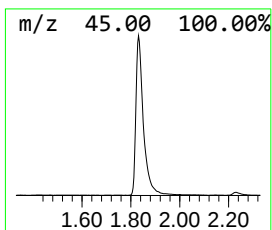
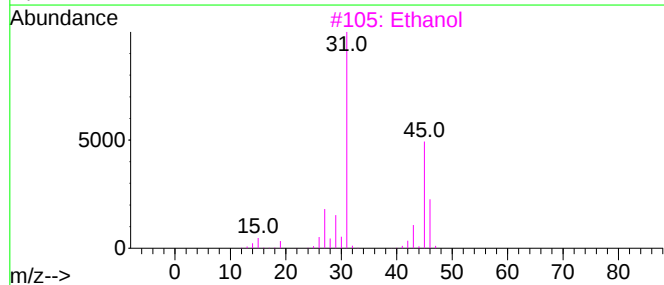
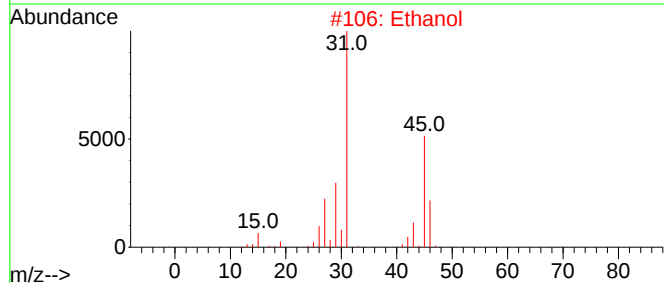
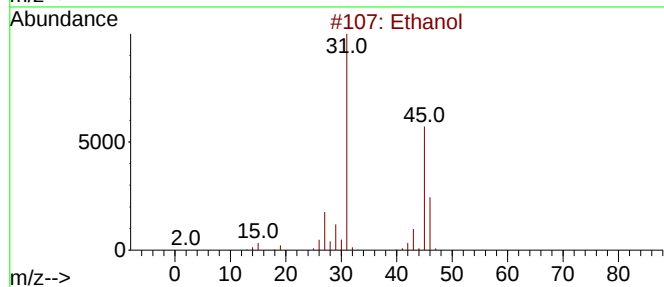
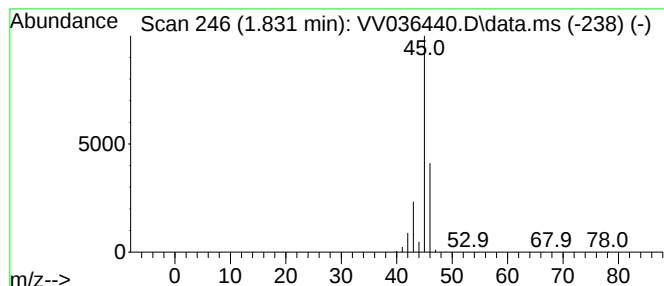
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.831	8.98 ug/L	359265	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	64
3	Ethanol			46	C2H6O	000064-17-5	43
4	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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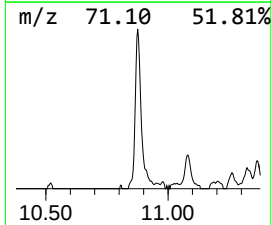
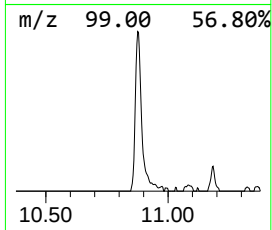
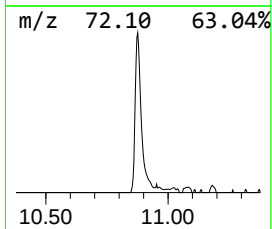
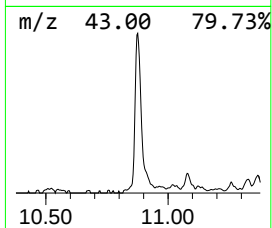
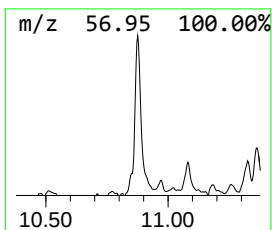
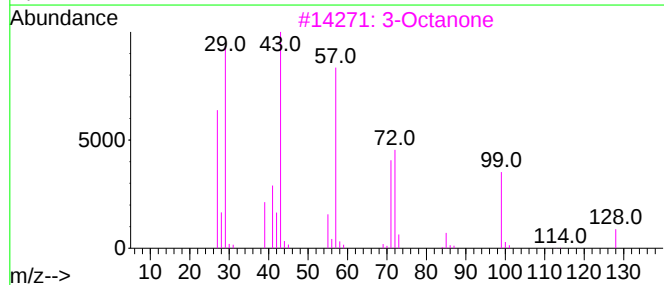
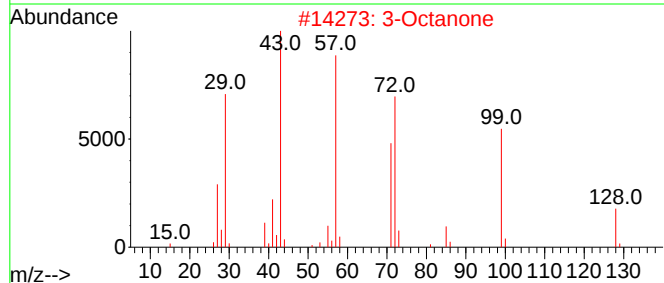
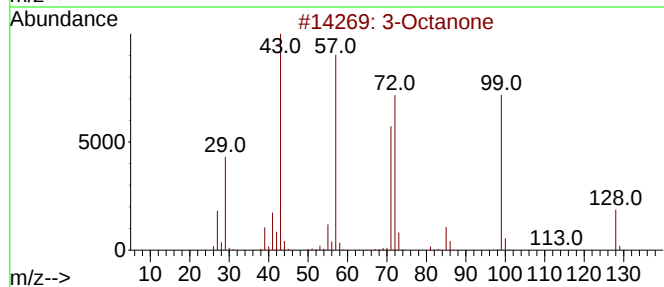
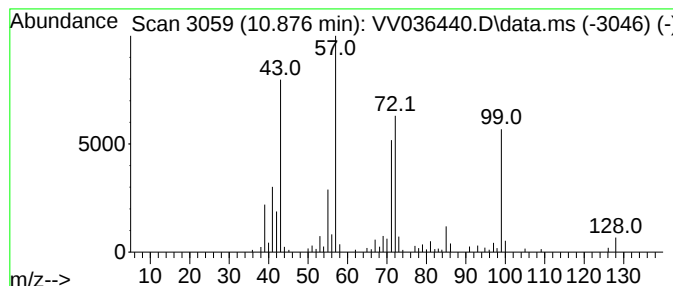
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.876	6.04 ug/L	111886	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone			128	C8H16O	000106-68-3	90
2	3-Octanone			128	C8H16O	000106-68-3	90
3	3-Octanone			128	C8H16O	000106-68-3	90
4	4-Methylthiazole			99	C4H5NS	000693-95-8	47
5	Butanal, 2-ethyl-			100	C6H12O	000097-96-1	46



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	1.831	9.0	ug/L	359265	1	5.532	1000150	25.0
3-Octanone	10.876	6.0	ug/L	111886	3	11.185	462970	25.0