

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036450.D
 Acq On : 03 Jul 2024 17:35
 Operator : SY/MD
 Sample : P3100-22RE
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D50RE

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: VV036450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	68	74	87	rVB	199193	206138	22.30%	3.319%
2	1.529	146	152	166	rVB	159921	189132	20.46%	3.046%
3	1.831	240	246	266	rVB	85641	120275	13.01%	1.937%
4	2.056	307	316	328	rBV	307482	449718	48.64%	7.242%
5	2.343	403	405	409	rBV	396	293	0.03%	0.005%
6	2.446	426	437	458	rVB	69440	120836	13.07%	1.946%
7	2.574	475	477	479	rVB	339	135	0.01%	0.002%
8	2.757	532	534	538	rBV	373	227	0.02%	0.004%
9	2.793	542	545	549	rVB2	339	287	0.03%	0.005%
10	2.825	549	555	557	rBV	320	297	0.03%	0.005%
11	2.966	586	599	614	rBV2	14110	29151	3.15%	0.469%
12	3.069	626	631	633	rBV	264	248	0.03%	0.004%
13	3.111	639	644	650	rBV4	831	1151	0.12%	0.019%
14	3.204	670	673	679	rBV2	184	165	0.02%	0.003%
15	3.378	723	727	730	rBV	195	200	0.02%	0.003%
16	3.413	735	738	741	rVB2	335	223	0.02%	0.004%
17	3.700	824	827	828	rBV	270	159	0.02%	0.003%
18	3.770	846	849	854	rBV2	151	157	0.02%	0.003%
19	3.831	858	868	872	rBV2	4915	7760	0.84%	0.125%
20	4.175	972	975	976	rBV2	329	210	0.02%	0.003%
21	4.246	982	997	1030	rBV	155961	420291	45.46%	6.768%
22	4.513	1078	1080	1083	rBV4	588	484	0.05%	0.008%
23	4.564	1092	1096	1100	rBV5	747	733	0.08%	0.012%
24	4.632	1114	1117	1118	rBV2	360	163	0.02%	0.003%
25	4.658	1122	1125	1128	rBV3	324	203	0.02%	0.003%
26	4.738	1143	1150	1153	rBV	557	813	0.09%	0.013%
27	4.806	1170	1171	1175	rVB2	352	161	0.02%	0.003%
28	4.838	1175	1181	1182	rBV	315	269	0.03%	0.004%
29	4.957	1203	1218	1254	rBV2	333182	852695	92.23%	13.731%
30	5.439	1364	1368	1371	rBV3	508	479	0.05%	0.008%
31	5.532	1385	1397	1432	rBV	434368	924524	100.00%	14.887%
32	5.989	1526	1539	1570	rBV	186008	400597	43.33%	6.451%
33	6.182	1596	1599	1601	rBV3	576	380	0.04%	0.006%
34	6.342	1644	1649	1652	rBV2	449	421	0.05%	0.007%
35	6.413	1669	1671	1674	rVB	293	140	0.02%	0.002%
36	6.436	1674	1678	1680	rBV2	401	326	0.04%	0.005%

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Integrator: RTE

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 Title : VOC Analysis

37	6.584	1723	1724	1728	rVB2	328	152	0.02%	0.002%
38	6.609	1729	1732	1737	rVB2	236	210	0.02%	0.003%
39	6.838	1800	1803	1805	rBV2	211	142	0.02%	0.002%
40	6.915	1818	1827	1854	rBV	56450	119357	12.91%	1.922%
41	7.156	1899	1902	1903	rBV2	310	152	0.02%	0.002%
42	7.243	1916	1929	1956	rBV	311084	565548	61.17%	9.107%
43	7.558	2019	2027	2055	rBV	30185	62965	6.81%	1.014%
44	7.812	2104	2106	2111	rVB2	582	330	0.04%	0.005%
45	7.847	2112	2117	2118	rBV2	469	375	0.04%	0.006%
46	7.876	2119	2126	2134	rVV4	2012	3242	0.35%	0.052%
47	8.040	2167	2177	2194	rBV2	14512	34503	3.73%	0.556%
48	8.217	2230	2232	2233	rBV	604	234	0.03%	0.004%
49	8.506	2318	2322	2325	rBV2	446	297	0.03%	0.005%
50	8.529	2326	2329	2330	rBV	336	158	0.02%	0.003%
51	8.584	2344	2346	2351	rVB2	566	283	0.03%	0.005%
52	8.677	2373	2375	2379	rVB	259	152	0.02%	0.002%
53	8.706	2379	2384	2385	rBV	297	243	0.03%	0.004%
54	8.783	2397	2408	2430	rBV	512472	847883	91.71%	13.653%
55	9.236	2546	2549	2553	rVB	396	297	0.03%	0.005%
56	9.275	2557	2561	2564	rBV3	333	269	0.03%	0.004%
57	9.310	2568	2572	2573	rBV2	218	134	0.01%	0.002%
58	9.371	2589	2591	2593	rBV2	290	142	0.02%	0.002%
59	9.432	2606	2610	2612	rBV	213	146	0.02%	0.002%
60	9.497	2625	2630	2635	rBV3	583	795	0.09%	0.013%
61	9.558	2647	2649	2652	rVV2	298	163	0.02%	0.003%
62	9.635	2671	2673	2676	rBV2	278	171	0.02%	0.003%
63	9.677	2683	2686	2690	rBV2	362	260	0.03%	0.004%
64	9.744	2705	2707	2709	rBV	241	165	0.02%	0.003%
65	9.786	2716	2720	2723	rBV2	206	179	0.02%	0.003%
66	9.812	2724	2728	2730	rVV2	330	234	0.03%	0.004%
67	9.838	2730	2736	2742	rVB3	1452	1976	0.21%	0.032%
68	9.870	2742	2746	2753	rBV3	659	729	0.08%	0.012%
69	10.153	2823	2834	2855	rBV	70115	118940	12.86%	1.915%
70	10.323	2878	2887	2899	rVB2	13892	22085	2.39%	0.356%
71	10.455	2924	2928	2931	rBV	210	174	0.02%	0.003%
72	10.474	2931	2934	2936	rBV	362	292	0.03%	0.005%
73	10.587	2967	2969	2973	rBV2	489	447	0.05%	0.007%
74	10.625	2980	2981	2985	rBV	247	188	0.02%	0.003%
75	10.667	2991	2994	3001	rVB2	674	711	0.08%	0.011%
76	10.725	3008	3012	3014	rBV2	240	163	0.02%	0.003%

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77	10.741	3014	3017	3020	rBV2	308	213	0.02%	0.003%
78	10.760	3020	3023	3024	rVB2	381	179	0.02%	0.003%
79	10.770	3024	3026	3031	rBV2	247	216	0.02%	0.003%
80	10.879	3041	3060	3077	rBV2	20464	42005	4.54%	0.676%
81	11.082	3115	3123	3132	rBV5	4324	7341	0.79%	0.118%
82	11.185	3145	3155	3174	rBV	293435	466214	50.43%	7.507%
83	11.561	3263	3272	3291	rVB	93814	157370	17.02%	2.534%
84	11.985	3401	3404	3407	rBV3	683	503	0.05%	0.008%
85	12.114	3440	3444	3452	rBV4	602	691	0.07%	0.011%
86	12.165	3458	3460	3461	rBV2	558	214	0.02%	0.003%
87	12.194	3461	3469	3477	rVV	5580	8229	0.89%	0.133%
88	12.545	3568	3578	3590	rVB8	2401	4924	0.53%	0.079%
89	12.622	3596	3602	3613	rVB7	2286	3502	0.38%	0.056%
90	12.754	3641	3643	3648	rVB2	526	314	0.03%	0.005%
91	12.776	3648	3650	3653	rVB2	366	211	0.02%	0.003%
92	12.792	3653	3655	3656	rBV	337	138	0.01%	0.002%
93	13.062	3736	3739	3745	rBV3	587	522	0.06%	0.008%
94	13.091	3745	3748	3756	rVB3	1036	1156	0.13%	0.019%
95	13.130	3756	3760	3764	rBV3	596	433	0.05%	0.007%
96	13.339	3823	3825	3828	rBV	289	169	0.02%	0.003%
97	13.538	3884	3887	3891	rVB2	545	329	0.04%	0.005%
98	14.085	4055	4057	4059	rBV	494	220	0.02%	0.004%
99	14.111	4062	4065	4066	rBV2	655	296	0.03%	0.005%
100	14.217	4095	4098	4102	rBV2	481	417	0.05%	0.007%

Sum of corrected areas: 6210133

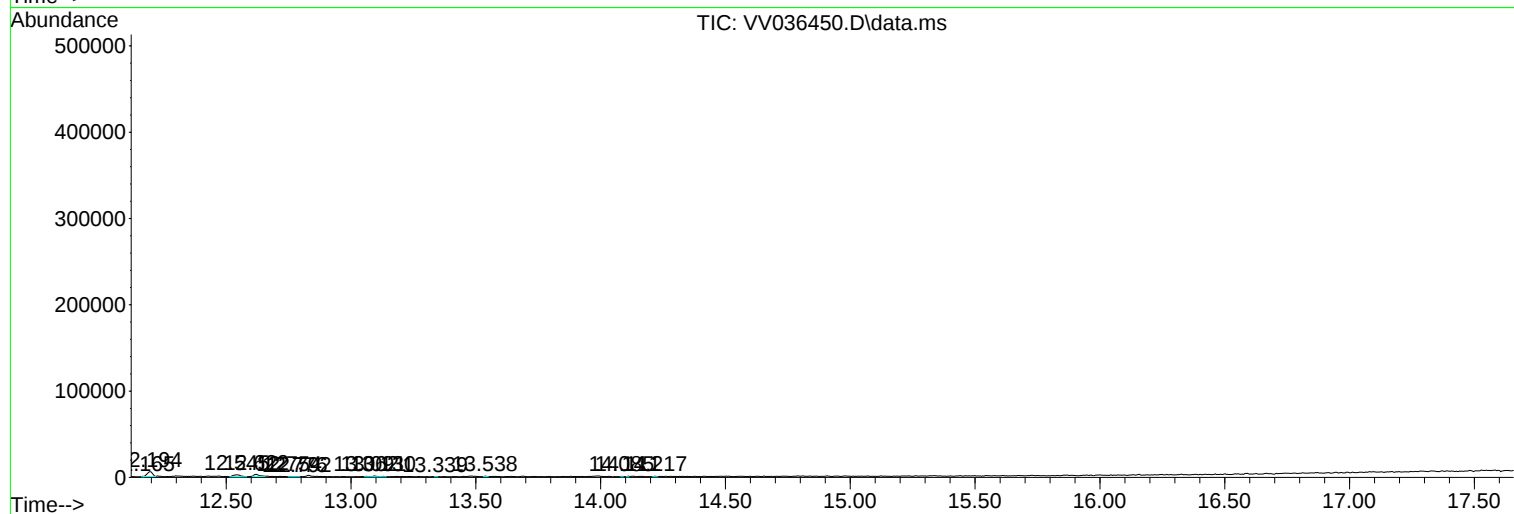
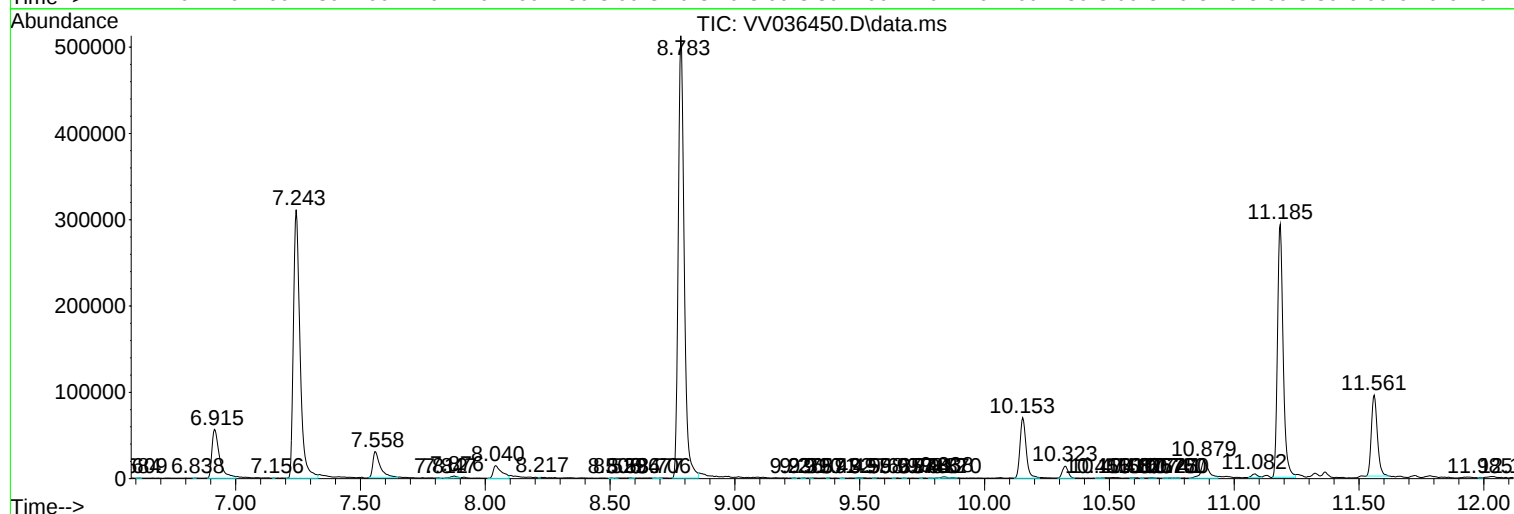
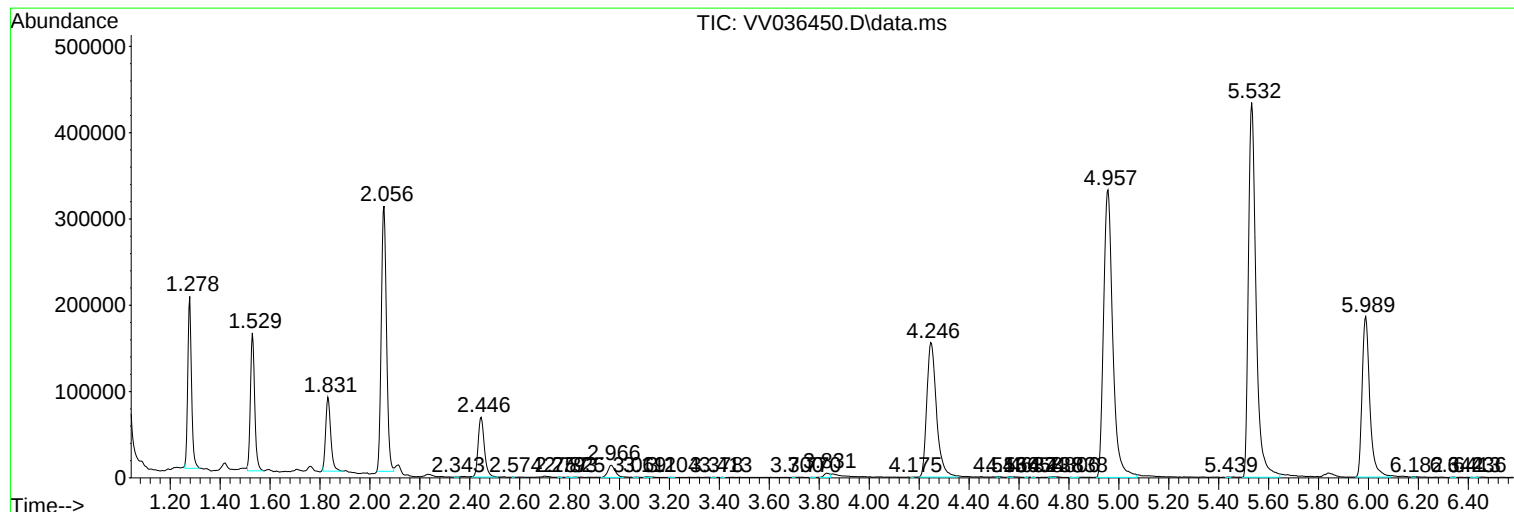
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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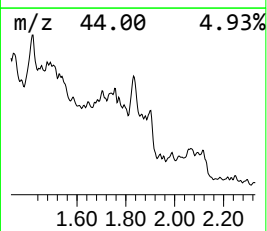
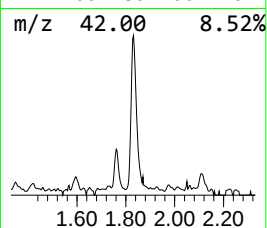
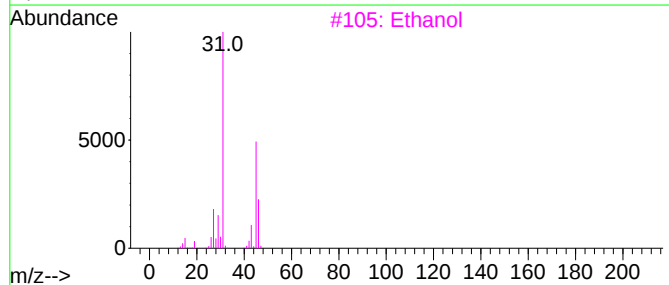
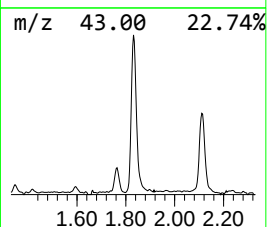
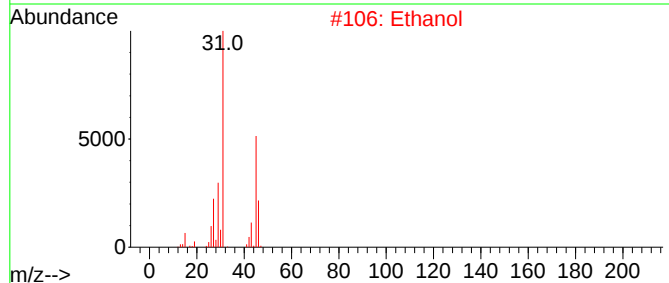
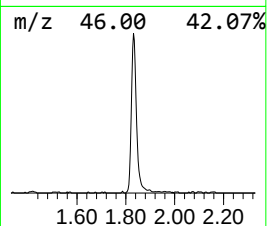
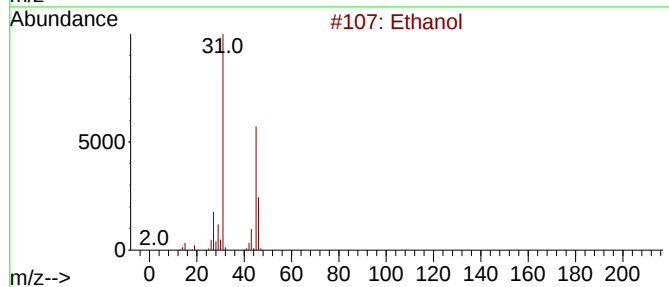
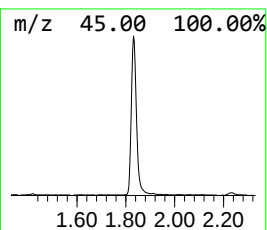
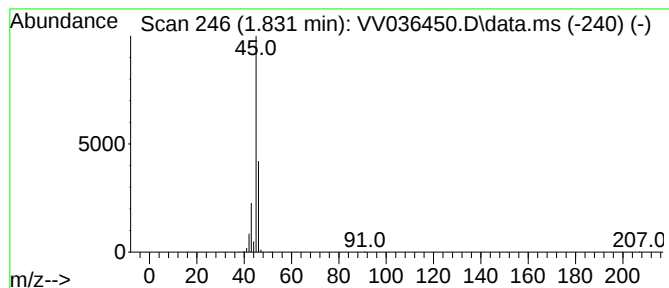
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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	3.25 ug/L	120275	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	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Ethanol			46	C2H6O	000064-17-5	9



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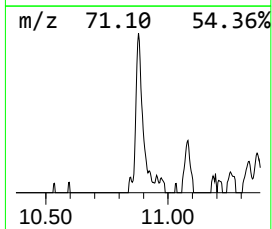
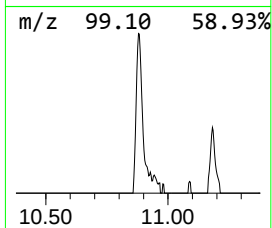
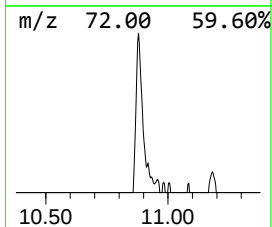
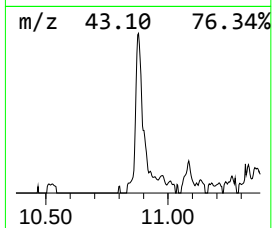
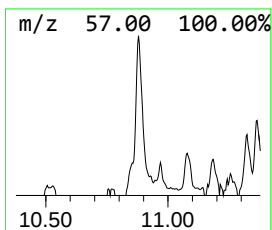
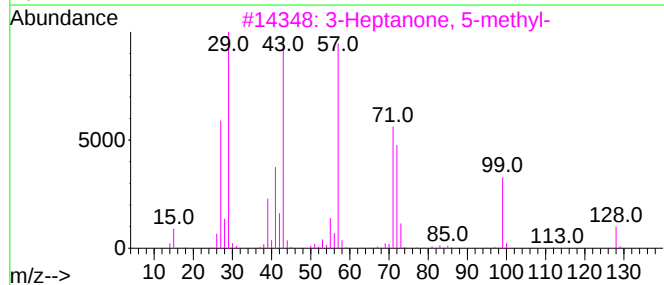
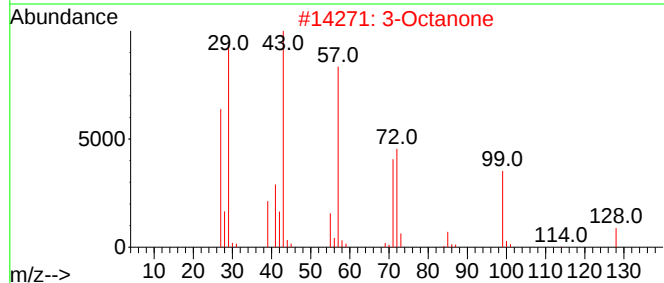
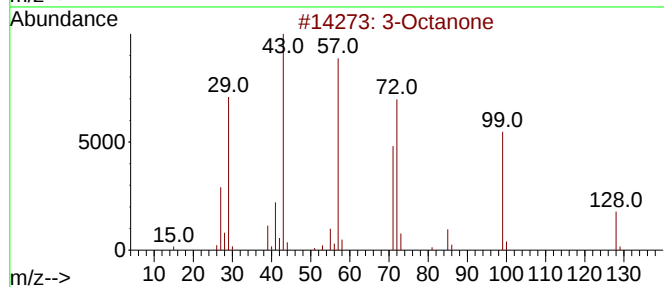
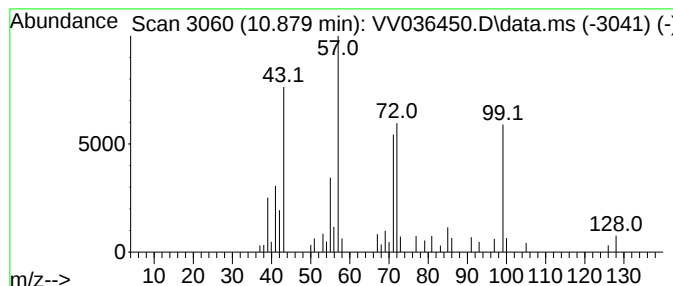
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.879	2.25 ug/L	42005	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	87
2			3-Octanone	128	C8H16O	000106-68-3	80
3			3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	53
4			2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	50
5			4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	43



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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	3.3	ug/L	120275	1	5.532	924524	25.0
3-Octanone	10.879	2.3	ug/L	42005	3	11.185	466214	25.0