

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070524\
 Data File : VV036458.D
 Acq On : 05 Jul 2024 10:21
 Operator : SY/MD
 Sample : P3100-20RE
 Misc : 5.93g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D33RE

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: VV036458.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	89	rVB	454818	486937	19.50%	2.872%
2	1.526	144	151	166	rVB	370732	453345	18.15%	2.674%
3	1.831	238	246	269	rVB	247674	431972	17.30%	2.548%
4	2.053	305	315	327	rBV	808907	1177436	47.15%	6.944%
5	2.230	364	370	391	rVB2	6494	13787	0.55%	0.081%
6	2.446	429	437	453	rVB2	12583	23999	0.96%	0.142%
7	2.610	485	488	491	rVB3	391	221	0.01%	0.001%
8	2.661	501	504	508	rVB3	223	170	0.01%	0.001%
9	2.786	540	543	547	rVB	208	126	0.01%	0.001%
10	2.809	547	550	552	rBV	339	230	0.01%	0.001%
11	2.886	572	574	576	rBV2	374	223	0.01%	0.001%
12	2.963	589	598	615	rBV4	4156	8762	0.35%	0.052%
13	3.089	635	637	642	rBV3	247	158	0.01%	0.001%
14	3.111	642	644	648	rBV	217	198	0.01%	0.001%
15	3.191	666	669	671	rBV3	452	317	0.01%	0.002%
16	3.224	677	679	684	rVB2	241	149	0.01%	0.001%
17	3.304	701	704	710	rVB2	234	145	0.01%	0.001%
18	3.436	739	745	746	rBV3	284	259	0.01%	0.002%
19	3.465	751	754	756	rVB2	310	170	0.01%	0.001%
20	3.503	764	766	771	rBV2	276	209	0.01%	0.001%
21	3.606	796	798	802	rBV	217	139	0.01%	0.001%
22	3.635	805	807	810	rVV	234	137	0.01%	0.001%
23	3.654	811	813	817	rVB3	256	161	0.01%	0.001%
24	3.799	848	858	893	rBV3	22999	82482	3.30%	0.486%
25	4.243	978	996	1032	rBV	441087	1157754	46.36%	6.828%
26	4.539	1086	1088	1095	rVB3	482	325	0.01%	0.002%
27	4.629	1115	1116	1119	rBV2	251	144	0.01%	0.001%
28	4.699	1133	1138	1140	rBV3	327	209	0.01%	0.001%
29	4.712	1140	1142	1144	rBV2	247	135	0.01%	0.001%
30	4.767	1157	1159	1162	rBV2	284	146	0.01%	0.001%
31	4.838	1177	1181	1185	rVB2	322	233	0.01%	0.001%
32	4.863	1185	1189	1192	rBV2	181	129	0.01%	0.001%
33	4.950	1199	1216	1255	rBV2	991174	2497259	100.00%	14.728%
34	5.529	1383	1396	1430	rBV	1151154	2284536	91.48%	13.473%
35	5.982	1525	1537	1574	rBV	544898	1131237	45.30%	6.672%
36	6.320	1641	1642	1645	rVB2	568	251	0.01%	0.001%

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 Title : VOC Analysis

37	6.349	1649	1651	1653	rBV2	315	201	0.01%	0.001%
38	6.391	1661	1664	1667	rBV4	317	212	0.01%	0.001%
39	6.420	1670	1673	1677	rBV2	380	355	0.01%	0.002%
40	6.490	1693	1695	1697	rVV	347	161	0.01%	0.001%
41	6.529	1701	1707	1709	rBV3	241	251	0.01%	0.001%
42	6.548	1712	1713	1721	rVB5	348	287	0.01%	0.002%
43	6.590	1721	1726	1731	rVB2	426	379	0.02%	0.002%
44	6.638	1737	1741	1743	rBV2	317	181	0.01%	0.001%
45	6.670	1747	1751	1753	rBV3	197	135	0.01%	0.001%
46	6.757	1774	1778	1779	rBV	273	171	0.01%	0.001%
47	6.796	1785	1790	1792	rBV2	272	179	0.01%	0.001%
48	6.818	1792	1797	1799	rVB2	213	141	0.01%	0.001%
49	6.838	1799	1803	1806	rBV	441	300	0.01%	0.002%
50	6.908	1814	1825	1859	rBV	215837	417253	16.71%	2.461%
51	7.150	1898	1900	1902	rBV2	503	185	0.01%	0.001%
52	7.240	1916	1928	1969	rBV	1187717	2038328	81.62%	12.021%
53	7.551	2016	2025	2050	rBV	128110	234118	9.37%	1.381%
54	7.834	2111	2113	2115	rBV2	482	175	0.01%	0.001%
55	7.873	2115	2125	2135	rBV3	5455	9612	0.38%	0.057%
56	7.950	2146	2149	2153	rVB3	332	224	0.01%	0.001%
57	7.976	2153	2157	2159	rBV2	394	279	0.01%	0.002%
58	8.027	2162	2173	2202	rBV	83461	182888	7.32%	1.079%
59	8.551	2330	2336	2337	rBV3	657	640	0.03%	0.004%
60	8.651	2363	2367	2370	rBV2	385	264	0.01%	0.002%
61	8.693	2377	2380	2383	rVB2	312	261	0.01%	0.002%
62	8.780	2396	2407	2452	rBV	1249597	2045806	81.92%	12.065%
63	9.085	2497	2502	2506	rBV4	927	1172	0.05%	0.007%
64	9.207	2537	2540	2542	rBV3	610	274	0.01%	0.002%
65	9.294	2563	2567	2568	rBV2	337	190	0.01%	0.001%
66	9.349	2582	2584	2586	rBV	283	138	0.01%	0.001%
67	9.484	2622	2626	2631	rBV4	432	475	0.02%	0.003%
68	9.535	2638	2642	2643	rBV	338	261	0.01%	0.002%
69	9.725	2698	2701	2703	rBV	432	261	0.01%	0.002%
70	9.751	2706	2709	2712	rVB	355	213	0.01%	0.001%
71	9.783	2716	2719	2722	rBV2	233	184	0.01%	0.001%
72	9.834	2729	2735	2738	rBV5	1862	1847	0.07%	0.011%
73	9.985	2780	2782	2786	rVB	456	215	0.01%	0.001%
74	10.008	2786	2789	2790	rBV	289	158	0.01%	0.001%
75	10.111	2815	2821	2822	rBV3	482	389	0.02%	0.002%
76	10.149	2822	2833	2861	rVB	255134	415154	16.62%	2.448%

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

77	10.323	2877	2887	2900	rVB	20360	32348	1.30%	0.191%
78	10.432	2918	2921	2926	rBV3	504	340	0.01%	0.002%
79	10.513	2939	2946	2947	rBV4	904	829	0.03%	0.005%
80	10.583	2962	2968	2974	rBV5	3617	4789	0.19%	0.028%
81	10.667	2987	2994	3001	rVB4	3458	5008	0.20%	0.030%
82	10.876	3044	3059	3080	rBV	57685	106133	4.25%	0.626%
83	11.182	3144	3154	3175	rBV	661910	1032988	41.36%	6.092%
84	11.558	3261	3271	3298	rVB	393974	627752	25.14%	3.702%
85	11.927	3380	3386	3393	rBV7	1630	2701	0.11%	0.016%
86	12.191	3461	3468	3478	rBV	8515	13547	0.54%	0.080%
87	12.580	3587	3589	3591	rBV3	536	345	0.01%	0.002%
88	12.616	3594	3600	3608	rBV6	4835	7402	0.30%	0.044%
89	12.825	3660	3665	3672	rBV5	2061	2776	0.11%	0.016%
90	12.966	3707	3709	3713	rVB3	637	316	0.01%	0.002%
91	13.005	3717	3721	3723	rBV2	500	362	0.01%	0.002%
92	13.034	3728	3730	3731	rBV	575	243	0.01%	0.001%
93	13.095	3743	3749	3757	rVB6	3022	3460	0.14%	0.020%
94	13.223	3787	3789	3795	rVB3	557	329	0.01%	0.002%
95	13.339	3824	3825	3829	rVB	381	181	0.01%	0.001%
96	13.468	3857	3865	3872	rBV7	1519	2432	0.10%	0.014%
97	13.686	3927	3933	3938	rBV8	1362	1458	0.06%	0.009%
98	13.783	3960	3963	3967	rBV2	474	374	0.01%	0.002%
99	13.837	3977	3980	3981	rBV2	613	350	0.01%	0.002%
100	13.982	4017	4025	4031	rVB5	1082	1777	0.07%	0.010%

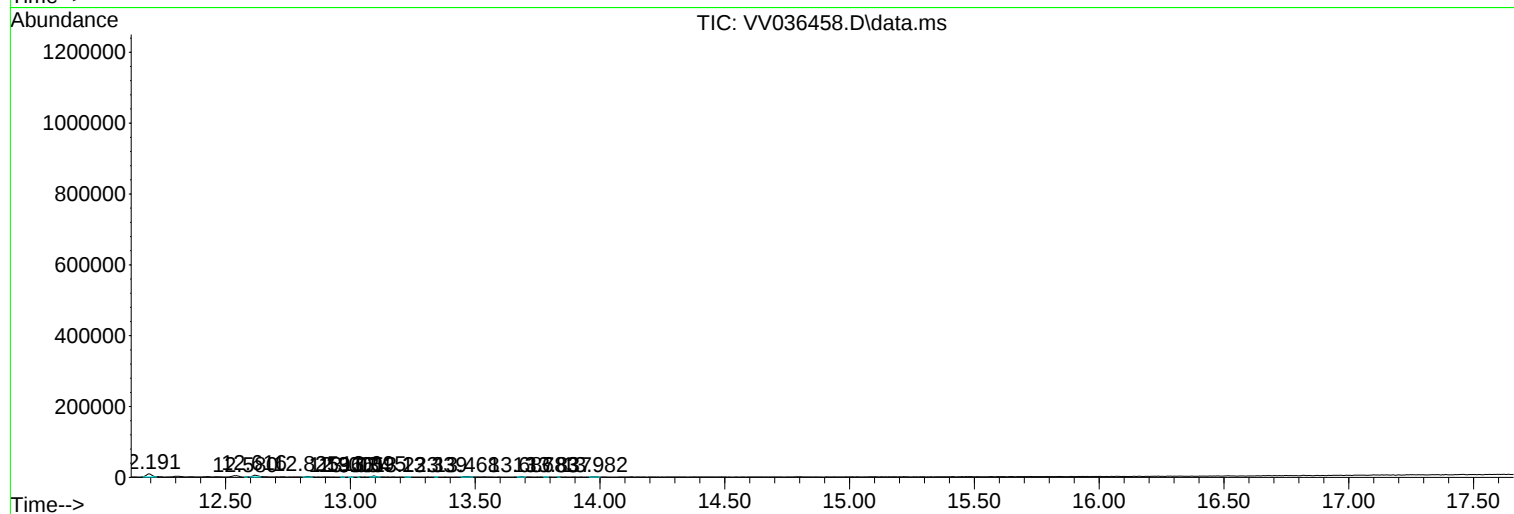
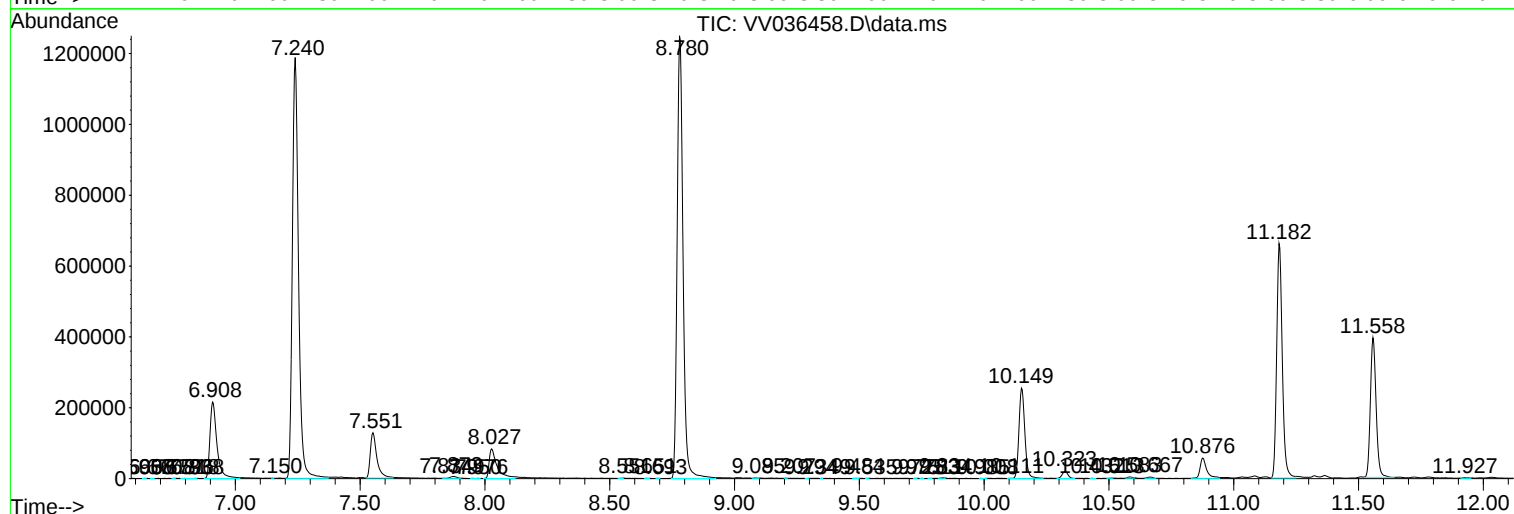
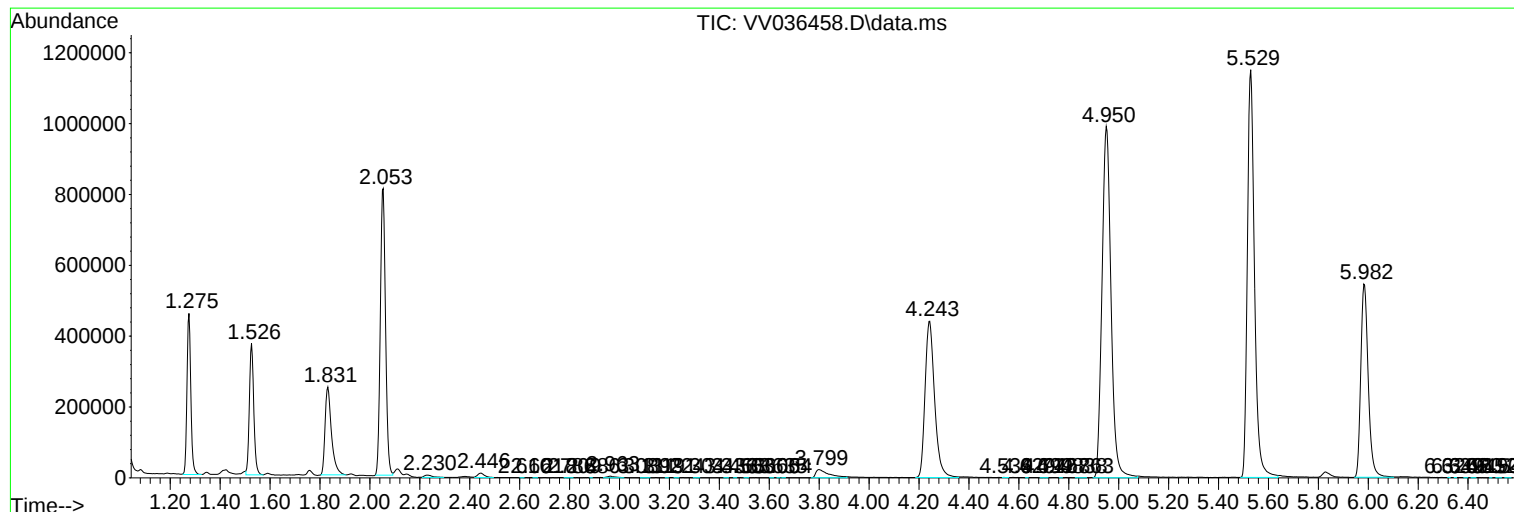
Sum of corrected areas: 16956247

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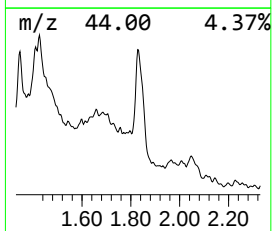
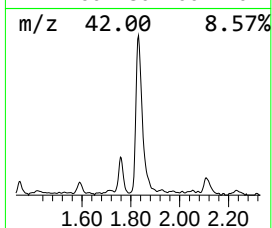
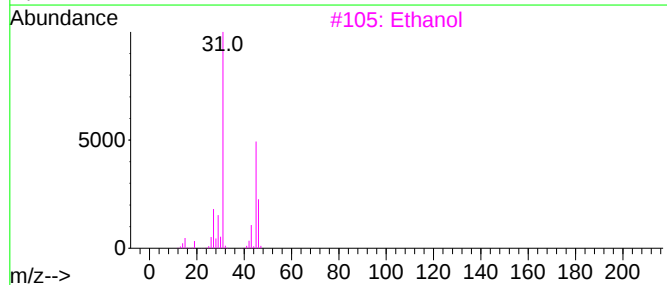
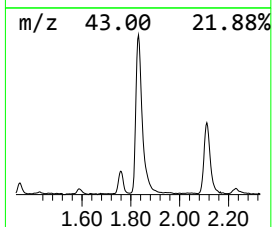
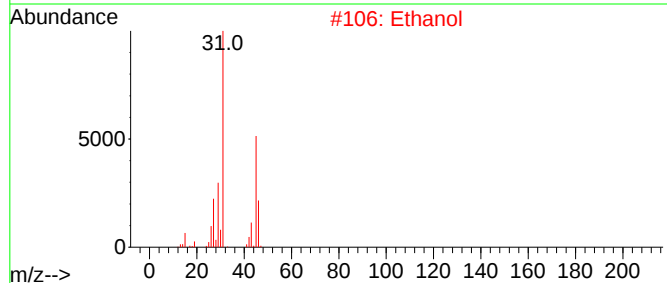
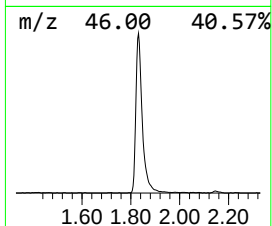
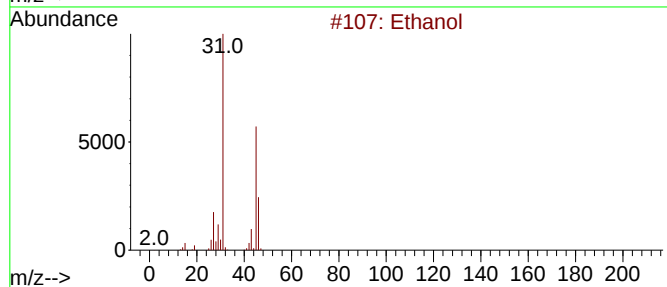
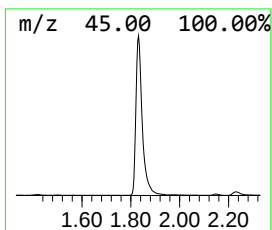
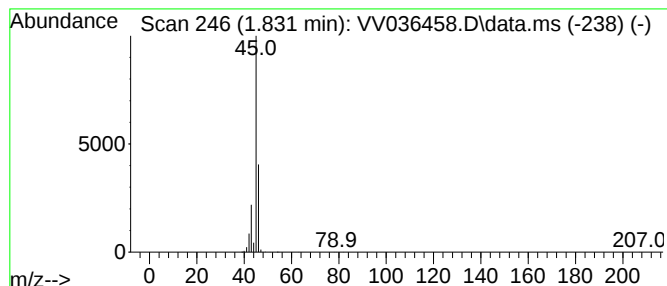
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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	4.73 ug/L	431972	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	56
3	Ethanol			46	C2H6O	000064-17-5	43
4	Dimethyl ether			46	C2H6O	000115-10-6	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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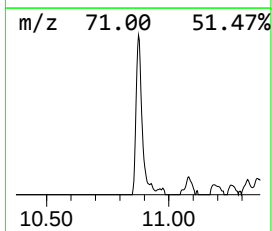
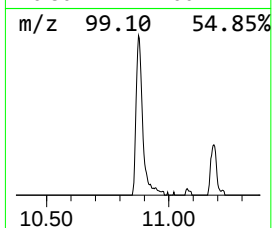
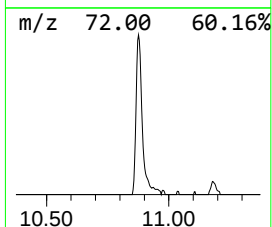
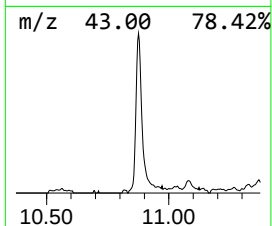
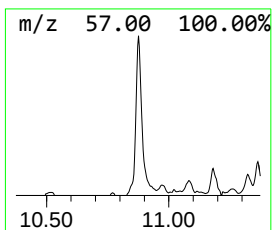
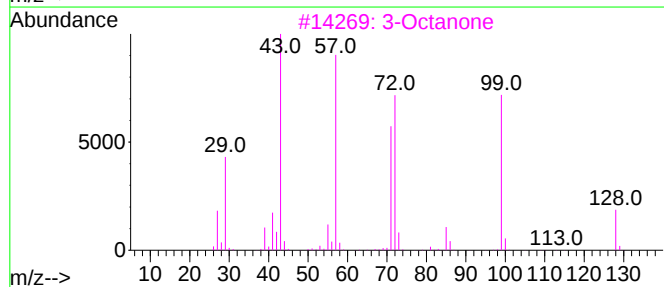
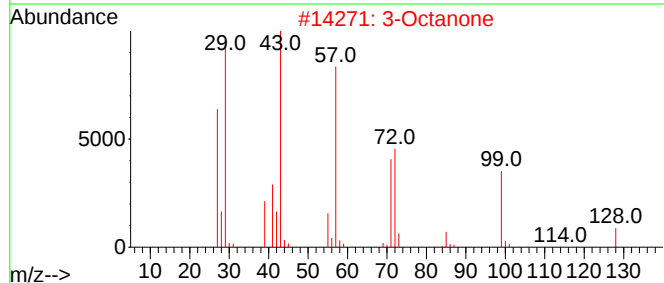
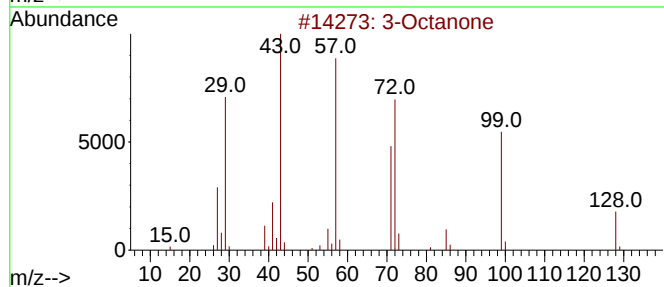
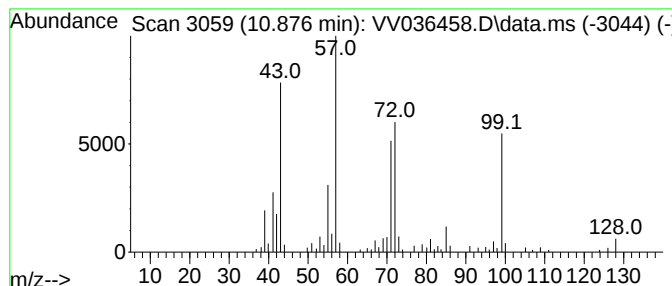
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Quant Title : VOC Analysis

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

Peak Number 3 3-Octanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.876	2.57 ug/L	106133	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	91
2			3-Octanone	128	C8H16O	000106-68-3	91
3			3-Octanone	128	C8H16O	000106-68-3	78
4			3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	50
5			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	1.831	4.7	ug/L	431972	1	5.529	2284540	25.0
3-Octanone	10.876	2.6	ug/L	106133	3	11.182	1032990	25.0