

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101221\
 Data File : VV022751.D
 Acq On : 12 Oct 2021 14:10
 Operator : SY/MD
 Sample : M4126-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD0

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\SFAMVLM100121WMA.M
 Title : VOC Analysis

Signal : TIC: VV022751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	100	rVB	90657	91430	15.48%	1.946%
2	1.565	156	163	174	rVB	77696	85093	14.41%	1.811%
3	2.108	321	332	346	rBV	153490	230141	38.97%	4.899%
4	2.310	381	395	396	rBV4	9180	13354	2.26%	0.284%
5	2.503	452	455	456	rBV	748	471	0.08%	0.010%
6	2.574	474	477	480	rVB2	493	286	0.05%	0.006%
7	2.587	480	481	485	rBV	307	171	0.03%	0.004%
8	2.661	501	504	507	rBV	263	189	0.03%	0.004%
9	2.728	522	525	527	rBV2	239	170	0.03%	0.004%
10	2.844	559	561	566	rVB2	291	159	0.03%	0.003%
11	2.992	604	607	610	rBV	263	171	0.03%	0.004%
12	3.163	658	660	663	rBV2	295	222	0.04%	0.005%
13	3.487	758	761	764	rBV2	208	204	0.03%	0.004%
14	3.542	772	778	782	rBV3	302	333	0.06%	0.007%
15	3.635	804	807	814	rBV2	233	343	0.06%	0.007%
16	3.728	833	836	839	rBV2	246	163	0.03%	0.003%
17	3.883	872	884	913	rBV	41422	118932	20.14%	2.532%
18	4.349	1014	1029	1056	rBV2	96897	241731	40.93%	5.146%
19	4.523	1081	1083	1089	rVB3	370	260	0.04%	0.006%
20	4.613	1108	1111	1113	rBV2	294	194	0.03%	0.004%
21	4.658	1122	1125	1128	rBV	327	241	0.04%	0.005%
22	4.844	1177	1183	1186	rBV	276	288	0.05%	0.006%
23	5.050	1230	1247	1273	rBV2	227234	590541	100.00%	12.571%
24	5.314	1327	1329	1333	rBV	274	225	0.04%	0.005%
25	5.619	1412	1424	1457	rBV	199249	399547	67.66%	8.506%
26	5.908	1502	1514	1530	rBV	23151	49876	8.45%	1.062%
27	6.072	1549	1565	1585	rBV	134811	274396	46.47%	5.841%
28	6.201	1604	1605	1607	rBV2	360	154	0.03%	0.003%
29	6.249	1618	1620	1627	rVB3	502	348	0.06%	0.007%
30	6.320	1637	1642	1645	rBV2	648	654	0.11%	0.014%
31	6.365	1654	1656	1660	rBV2	421	291	0.05%	0.006%
32	6.387	1660	1663	1665	rVB	300	174	0.03%	0.004%
33	6.484	1689	1693	1695	rBV	300	235	0.04%	0.005%
34	6.786	1782	1787	1790	rBV	346	285	0.05%	0.006%
35	6.815	1790	1796	1798	rBV	151	187	0.03%	0.004%
36	6.847	1803	1806	1816	rVB2	289	442	0.07%	0.009%

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Integrator: RTE

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 Title : VOC Analysis

37	6.934	1828	1833	1836	rBV2	337	305	0.05%	0.006%
38	6.989	1839	1850	1872	rBV	66534	124150	21.02%	2.643%
39	7.111	1886	1888	1891	rBV2	328	223	0.04%	0.005%
40	7.153	1897	1901	1904	rBV3	568	434	0.07%	0.009%
41	7.169	1904	1906	1910	rVV2	362	193	0.03%	0.004%
42	7.214	1918	1920	1925	rVB3	294	205	0.03%	0.004%
43	7.317	1941	1952	1972	rBV	258398	455430	77.12%	9.695%
44	7.574	2029	2032	2033	rBV	377	237	0.04%	0.005%
45	7.625	2038	2048	2065	rVV2	44740	79277	13.42%	1.688%
46	7.780	2093	2096	2097	rBV	296	150	0.03%	0.003%
47	7.796	2097	2101	2104	rVB2	387	300	0.05%	0.006%
48	7.924	2138	2141	2142	rBV	346	192	0.03%	0.004%
49	7.989	2159	2161	2164	rBV2	314	230	0.04%	0.005%
50	8.034	2173	2175	2180	rVB3	431	343	0.06%	0.007%
51	8.092	2180	2193	2230	rBV2	107557	244415	41.39%	5.203%
52	8.246	2235	2241	2260	rVB2	14908	26884	4.55%	0.572%
53	8.397	2284	2288	2293	rBV4	605	615	0.10%	0.013%
54	8.445	2300	2303	2304	rBV4	284	151	0.03%	0.003%
55	8.452	2304	2305	2307	rVB	526	150	0.03%	0.003%
56	8.532	2327	2330	2334	rVB3	312	244	0.04%	0.005%
57	8.596	2347	2350	2355	rVB2	314	271	0.05%	0.006%
58	8.619	2355	2357	2360	rBV3	291	197	0.03%	0.004%
59	8.645	2363	2365	2367	rVV	306	162	0.03%	0.003%
60	8.661	2368	2370	2376	rVB3	494	461	0.08%	0.010%
61	8.706	2376	2384	2388	rBV2	312	444	0.08%	0.009%
62	8.751	2394	2398	2402	rBV3	295	298	0.05%	0.006%
63	8.854	2419	2430	2451	rBV	301989	488241	82.68%	10.394%
64	9.580	2651	2656	2661	rVB2	317	291	0.05%	0.006%
65	9.622	2664	2669	2670	rVV	309	245	0.04%	0.005%
66	9.648	2674	2677	2681	rBV2	364	264	0.04%	0.006%
67	9.693	2688	2691	2693	rBV	256	219	0.04%	0.005%
68	9.821	2723	2731	2743	rBV4	3251	5562	0.94%	0.118%
69	9.928	2761	2764	2768	rBV	275	188	0.03%	0.004%
70	10.130	2817	2827	2837	rBV3	2267	3706	0.63%	0.079%
71	10.217	2842	2854	2877	rVV	147645	233788	39.59%	4.977%
72	10.310	2881	2883	2885	rBV2	421	186	0.03%	0.004%
73	10.362	2896	2899	2900	rBV2	420	217	0.04%	0.005%
74	10.461	2927	2930	2932	rVB2	360	148	0.03%	0.003%
75	10.481	2933	2936	2940	rBV	211	173	0.03%	0.004%
76	10.574	2961	2965	2968	rBV2	583	502	0.09%	0.011%

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77	10.741	3015	3017	3024	rVB3	501	334	0.06%	0.007%
78	10.789	3030	3032	3034	rBV	389	205	0.03%	0.004%
79	11.153	3136	3145	3156	rBV4	14943	22966	3.89%	0.489%
80	11.249	3165	3175	3195	rBV	280059	435516	73.75%	9.271%
81	11.464	3240	3242	3243	rBV	457	149	0.03%	0.003%
82	11.625	3281	3292	3313	rBV	251001	398429	67.47%	8.482%
83	11.706	3315	3317	3324	rVB3	566	494	0.08%	0.011%
84	11.783	3339	3341	3345	rBV2	401	308	0.05%	0.007%
85	12.056	3422	3426	3428	rBV2	350	243	0.04%	0.005%
86	12.098	3437	3439	3445	rVB3	381	270	0.05%	0.006%
87	12.345	3507	3516	3530	rBV3	35599	54359	9.20%	1.157%
88	12.458	3549	3551	3554	rBV	260	201	0.03%	0.004%
89	12.596	3587	3594	3595	rBV	408	356	0.06%	0.008%
90	12.664	3609	3615	3617	rBV2	366	339	0.06%	0.007%
91	12.802	3655	3658	3661	rBV	283	218	0.04%	0.005%
92	13.001	3717	3720	3722	rBV	239	154	0.03%	0.003%
93	13.136	3759	3762	3765	rBV3	330	277	0.05%	0.006%
94	13.278	3804	3806	3809	rBV	288	170	0.03%	0.004%
95	13.435	3849	3855	3867	rVB4	5767	7427	1.26%	0.158%
96	13.667	3925	3927	3930	rBV	359	244	0.04%	0.005%
97	13.776	3959	3961	3964	rBV	331	228	0.04%	0.005%
98	14.181	4083	4087	4093	rVB5	2073	2658	0.45%	0.057%
99	14.435	4163	4166	4167	rBV5	305	166	0.03%	0.004%
100	15.024	4347	4349	4351	rBV	392	187	0.03%	0.004%

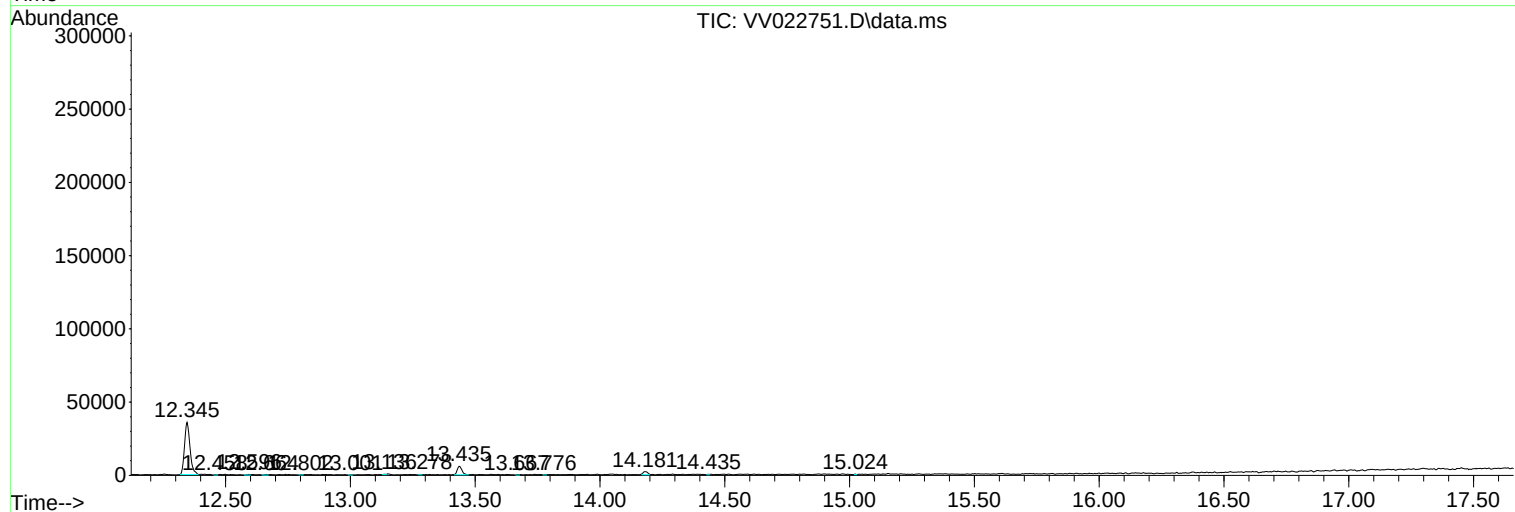
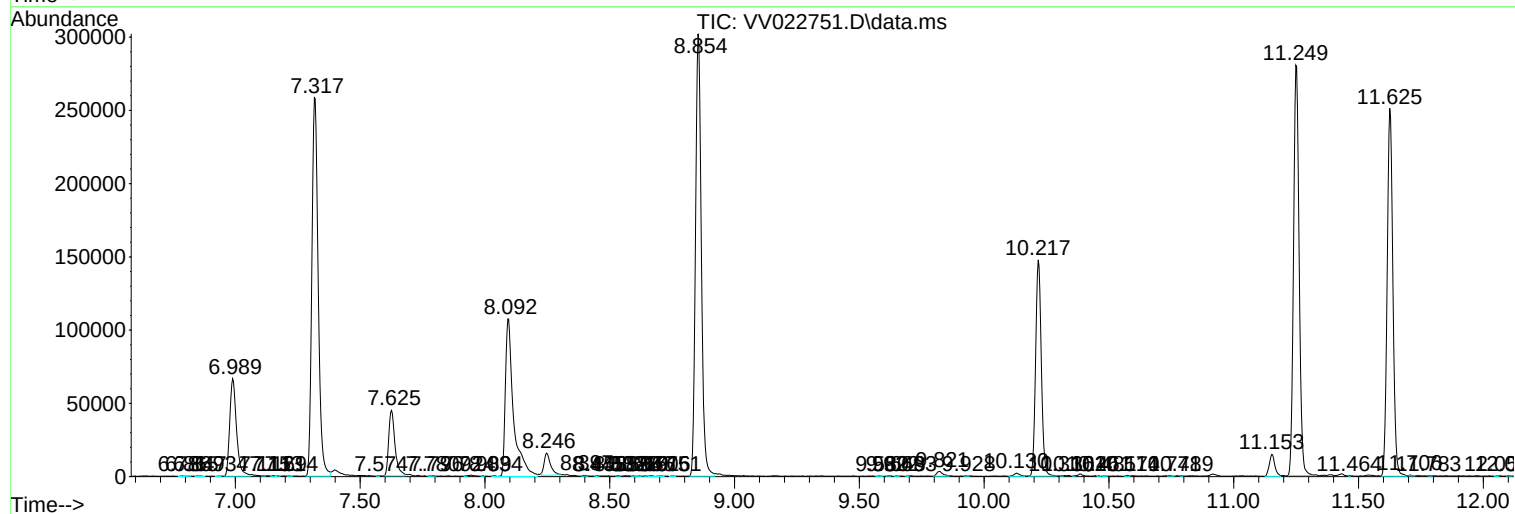
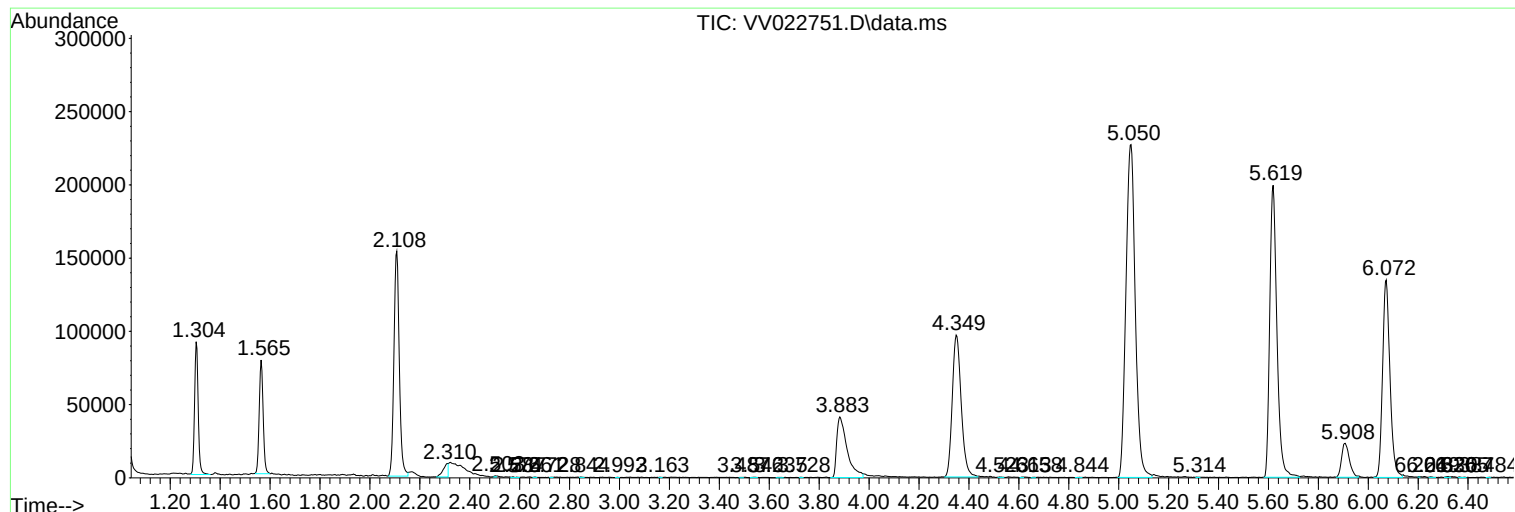
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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



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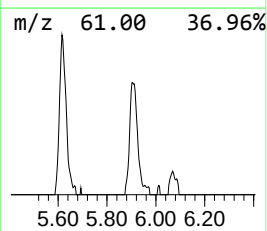
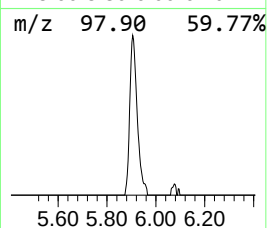
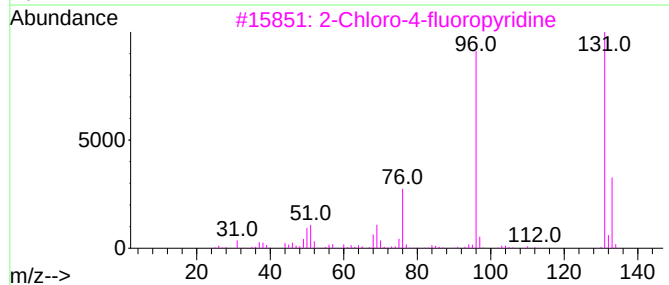
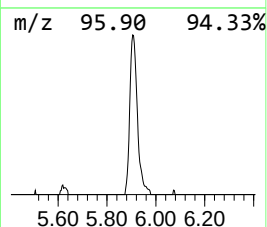
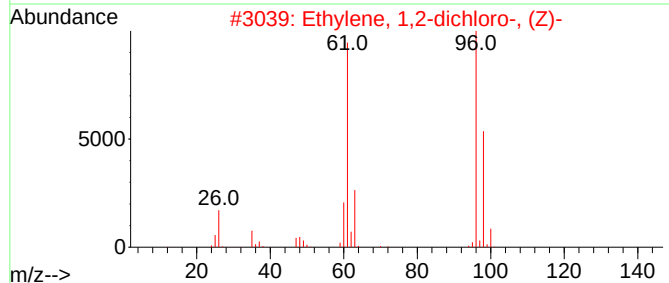
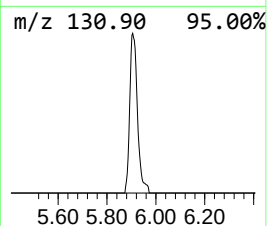
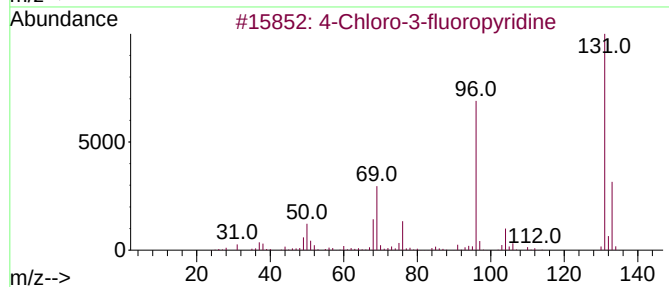
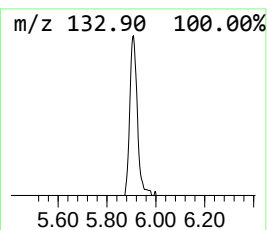
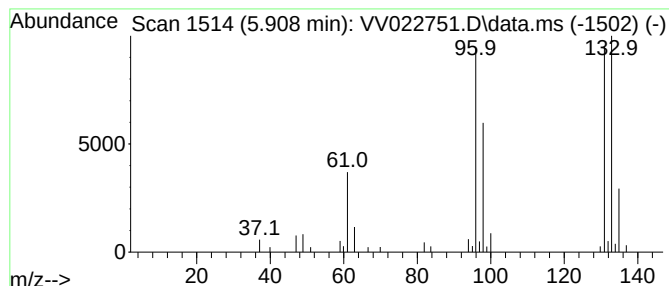
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.908	6.24 ug/L	49876	1,4-Difluorobenzene	5.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	35
2		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27
3		2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	25
4		2-Chloro-5-methylthiazole	133	C4H4ClNS	033342-65-3	16
5		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12



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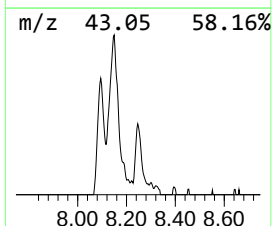
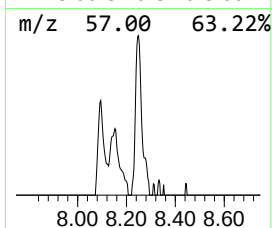
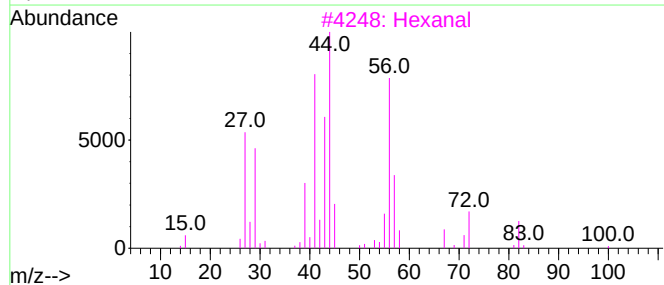
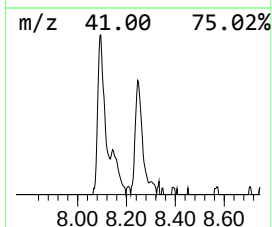
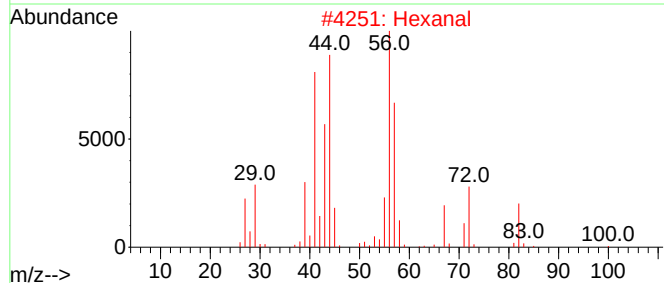
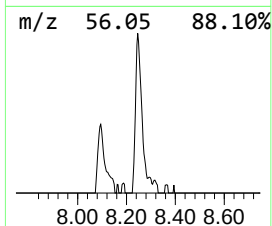
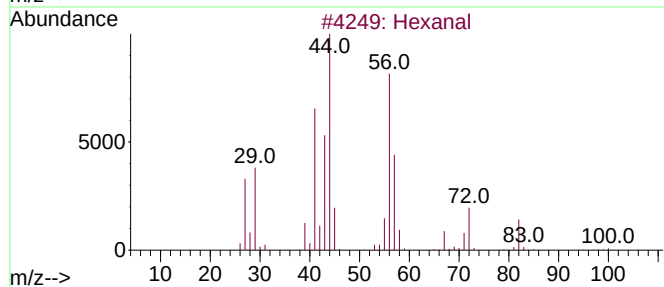
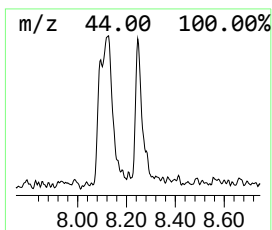
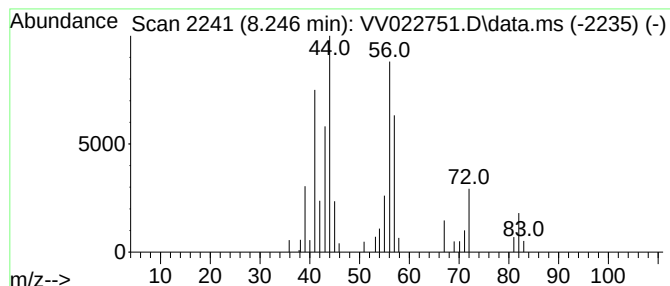
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.246	2.75 ug/L	26884	Chlorobenzene-d5	8.854

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	83
2	Hexanal			100	C6H12O	000066-25-1	78
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	56



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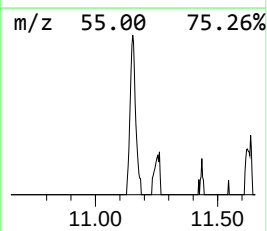
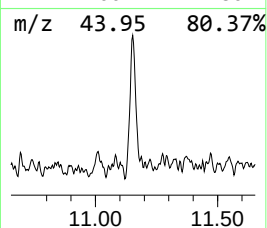
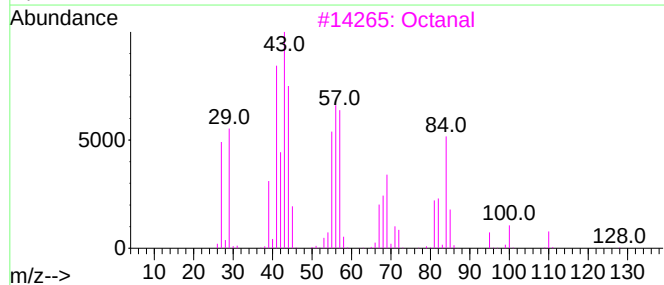
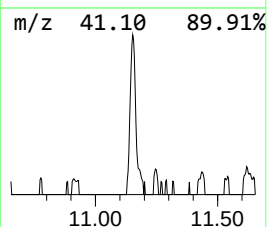
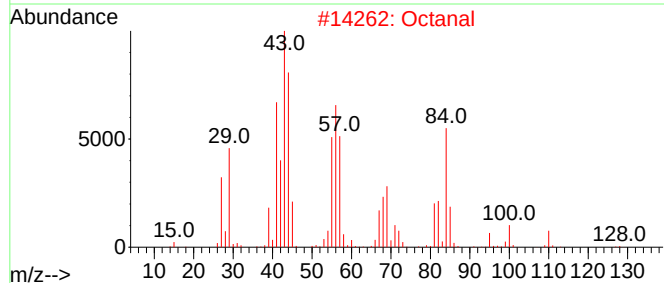
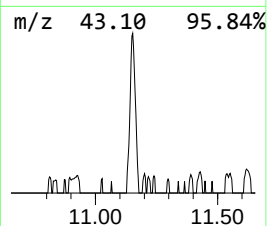
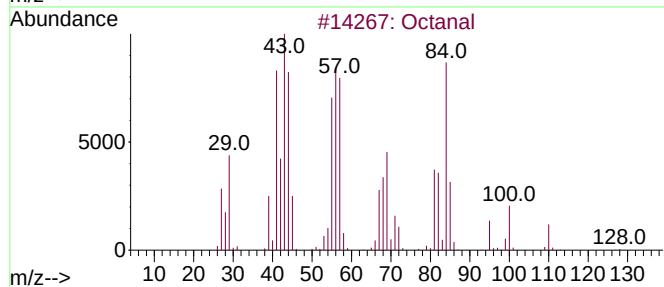
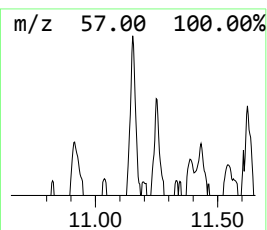
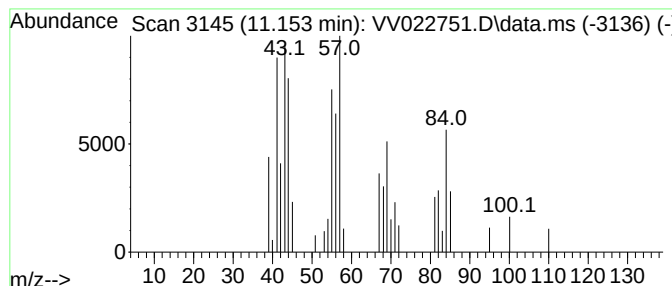
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.153	2.64 ug/L	22966	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	86
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101221\
Data File : VV022751.D
Acq On : 12 Oct 2021 14:10
Operator : SY/MD
Sample : M4126-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD0

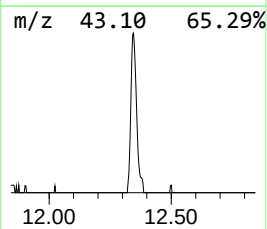
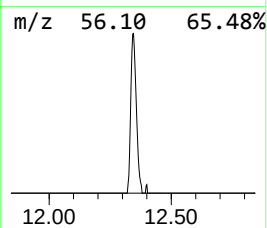
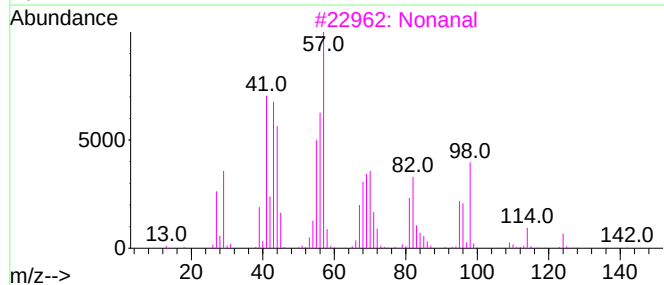
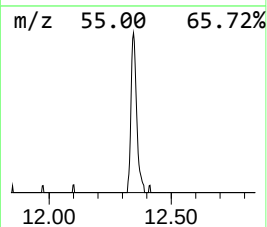
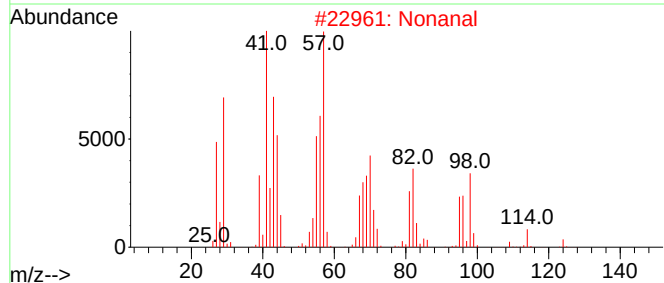
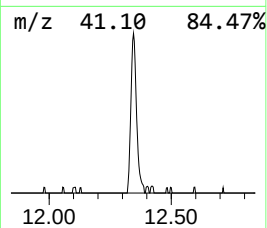
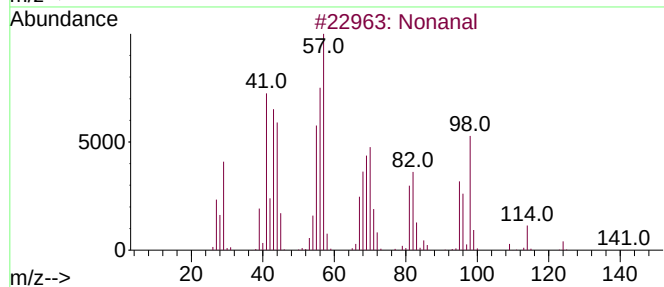
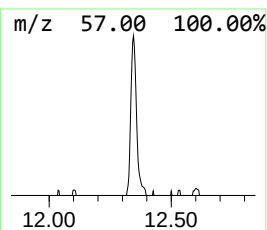
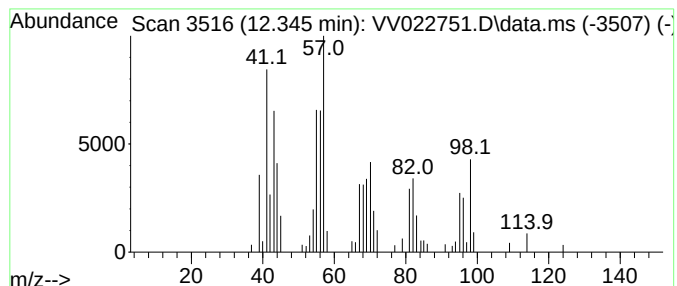
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Quant Title : VOC Analysis

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

Peak Number 5 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	6.24 ug/L	54359	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	74
3	Nonanal			142	C9H18O	000124-19-6	72
4	Cycloheptane			98	C7H14	000291-64-5	38
5	Cyclohexanol, 2-methyl-, trans-			114	C7H14O	007443-52-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101221\
Data File : VV022751.D
Acq On : 12 Oct 2021 14:10
Operator : SY/MD
Sample : M4126-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.908	6.2	ug/L	49876	1	5.619	399547	50.0
Hexanal	8.246	2.8	ug/L	26884	2	8.854	488241	50.0
Octanal	11.153	2.6	ug/L	22966	3	11.252	435516	50.0
Nonanal	12.345	6.2	ug/L	54359	3	11.252	435516	50.0