

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028252.D
 Acq On : 27 Mar 2024 15:49
 Operator : SY/MD
 Sample : P1886-09
 Misc : 3.59g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E07A8

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_W\Method\SFAMWLM031424SMA.M
 Title : SFAM01.0

Signal : TIC: VW028252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	71	78	91	rBV	40837	96521	9.51%	1.318%
2	2.899	158	166	180	rBV2	30242	90572	8.92%	1.237%
3	3.247	221	223	225	rVB3	503	422	0.04%	0.006%
4	3.387	241	246	247	rBV2	2241	2727	0.27%	0.037%
5	3.527	263	269	270	rBV3	354	638	0.06%	0.009%
6	3.558	270	274	277	rVV4	544	835	0.08%	0.011%
7	3.643	286	288	291	rVB2	414	420	0.04%	0.006%
8	3.673	291	293	295	rBV2	402	400	0.04%	0.005%
9	3.862	321	324	329	rVB2	410	482	0.05%	0.007%
10	3.923	330	334	337	rVB3	535	481	0.05%	0.007%
11	4.021	339	350	367	rBV	107548	340072	33.50%	4.643%
12	4.289	391	394	395	rBV3	447	445	0.04%	0.006%
13	4.307	395	397	401	rVB3	435	412	0.04%	0.006%
14	4.509	428	430	433	rVV2	294	355	0.03%	0.005%
15	4.551	435	437	440	rVB	319	340	0.03%	0.005%
16	4.649	451	453	456	rVB2	361	379	0.04%	0.005%
17	4.789	475	476	480	rVB	365	334	0.03%	0.005%
18	4.832	480	483	484	rBV2	414	418	0.04%	0.006%
19	4.911	490	496	497	rBV3	2450	3852	0.38%	0.053%
20	5.088	524	525	529	rVB	364	271	0.03%	0.004%
21	5.167	535	538	540	rVV3	343	370	0.04%	0.005%
22	5.246	548	551	553	rBV	217	264	0.03%	0.004%
23	5.423	575	580	581	rBV2	772	891	0.09%	0.012%
24	5.588	604	607	609	rBV2	200	276	0.03%	0.004%
25	5.655	615	618	622	rBV2	257	382	0.04%	0.005%
26	5.734	626	631	632	rVB2	329	327	0.03%	0.004%
27	5.758	632	635	636	rBV	379	346	0.03%	0.005%
28	5.795	639	641	643	rBV	428	343	0.03%	0.005%
29	5.868	651	653	654	rVB	487	265	0.03%	0.004%
30	5.941	656	665	676	rVB4	5665	17684	1.74%	0.241%
31	6.027	676	679	680	rBV2	526	321	0.03%	0.004%
32	6.039	680	681	687	rVB2	229	349	0.03%	0.005%
33	6.167	701	702	708	rVB2	238	313	0.03%	0.004%
34	6.222	708	711	714	rBV	352	283	0.03%	0.004%
35	6.508	756	758	762	rVB2	363	464	0.05%	0.006%
36	6.563	765	767	771	rVB2	279	277	0.03%	0.004%

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37	6.600	771	773	776	rBV	278	259	0.03%	0.004%
38	6.752	795	798	801	rBV2	258	403	0.04%	0.006%
39	6.898	819	822	828	rBV5	358	712	0.07%	0.010%
40	6.978	833	835	836	rBV	495	344	0.03%	0.005%
41	7.075	843	851	872	rVB	29251	90483	8.91%	1.235%
42	7.258	872	881	894	rBV2	15762	42970	4.23%	0.587%
43	7.520	922	924	926	rVV2	403	287	0.03%	0.004%
44	7.545	926	928	931	rVV2	399	446	0.04%	0.006%
45	7.648	933	945	960	rBV	182943	446429	43.98%	6.095%
46	7.929	984	991	992	rBV5	1271	2443	0.24%	0.033%
47	8.032	1005	1008	1011	rVB3	535	627	0.06%	0.009%
48	8.160	1018	1029	1035	rBV7	1307	3706	0.37%	0.051%
49	8.276	1037	1048	1063	rBV2	347001	1014998	100.00%	13.858%
50	8.557	1091	1094	1095	rBV	379	360	0.04%	0.005%
51	8.691	1110	1116	1124	rVB5	3318	7357	0.72%	0.100%
52	8.752	1125	1126	1130	rBV2	287	291	0.03%	0.004%
53	8.843	1130	1141	1155	rBV	429753	862004	84.93%	11.769%
54	8.983	1162	1164	1166	rVB2	516	403	0.04%	0.006%
55	9.081	1172	1180	1184	rVV5	1850	3901	0.38%	0.053%
56	9.270	1202	1211	1219	rBV	232971	480720	47.36%	6.563%
57	9.514	1247	1251	1255	rBV4	633	933	0.09%	0.013%
58	9.599	1261	1265	1273	rBV5	553	1343	0.13%	0.018%
59	9.745	1287	1289	1292	rVB3	577	681	0.07%	0.009%
60	9.886	1310	1312	1313	rBV2	330	268	0.03%	0.004%
61	9.959	1320	1324	1328	rBV4	1274	1833	0.18%	0.025%
62	10.032	1329	1336	1344	rBV	117354	211828	20.87%	2.892%
63	10.203	1361	1364	1366	rBV2	730	881	0.09%	0.012%
64	10.319	1375	1383	1391	rBV	452819	806380	79.45%	11.010%
65	10.501	1407	1413	1418	rBV3	9318	15944	1.57%	0.218%
66	10.575	1419	1425	1436	rVV	68824	118319	11.66%	1.615%
67	10.654	1436	1438	1441	rVV3	1062	1432	0.14%	0.020%
68	10.697	1443	1445	1450	rVV	3724	4767	0.47%	0.065%
69	10.758	1454	1455	1459	rVB2	543	424	0.04%	0.006%
70	10.831	1465	1467	1468	rBV2	453	395	0.04%	0.005%
71	10.922	1476	1482	1496	rBV	118214	197088	19.42%	2.691%
72	11.068	1500	1506	1518	rVB	44290	76351	7.52%	1.042%
73	11.379	1556	1557	1558	rBV	500	325	0.03%	0.004%
74	11.513	1574	1579	1583	rBV5	982	2041	0.20%	0.028%
75	11.629	1590	1598	1609	rVV	504760	857892	84.52%	11.713%
76	11.733	1610	1615	1622	rVV2	3865	7619	0.75%	0.104%

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 Title : SFAM01.0

77	11.800	1622	1626	1627	rVV4	1094	1333	0.13%	0.018%
78	11.837	1627	1632	1642	rVB2	6784	13847	1.36%	0.189%
79	11.940	1647	1649	1652	rBV	391	574	0.06%	0.008%
80	12.019	1660	1662	1665	rBV2	515	656	0.06%	0.009%
81	12.160	1681	1685	1692	rVB6	2719	5366	0.53%	0.073%
82	12.221	1692	1695	1697	rBV4	530	727	0.07%	0.010%
83	12.337	1709	1714	1725	rBV5	5772	11236	1.11%	0.153%
84	12.550	1747	1749	1750	rBV	447	372	0.04%	0.005%
85	12.605	1752	1758	1764	rVB5	3352	7080	0.70%	0.097%
86	12.690	1764	1772	1780	rBV	160084	264336	26.04%	3.609%
87	12.861	1794	1800	1804	rBV3	1566	3710	0.37%	0.051%
88	12.928	1807	1811	1820	rVB7	3367	7348	0.72%	0.100%
89	13.092	1834	1838	1841	rBV6	1604	2612	0.26%	0.036%
90	13.245	1858	1863	1867	rBV3	3666	5492	0.54%	0.075%
91	13.391	1881	1887	1893	rBV3	21508	37418	3.69%	0.511%
92	13.556	1907	1914	1925	rBV	341964	565050	55.67%	7.715%
93	13.848	1955	1962	1971	rBV	263689	434104	42.77%	5.927%
94	14.019	1985	1990	1993	rBV5	2348	5132	0.51%	0.070%
95	14.318	2033	2039	2049	rBV	81088	125321	12.35%	1.711%
96	14.610	2085	2087	2088	rBV	1122	816	0.08%	0.011%
97	14.946	2140	2142	2147	rBV3	940	894	0.09%	0.012%
98	15.299	2199	2200	2201	rBV	907	541	0.05%	0.007%
99	15.732	2269	2271	2272	rBV2	616	314	0.03%	0.004%
100	16.013	2315	2317	2319	rBV3	548	596	0.06%	0.008%

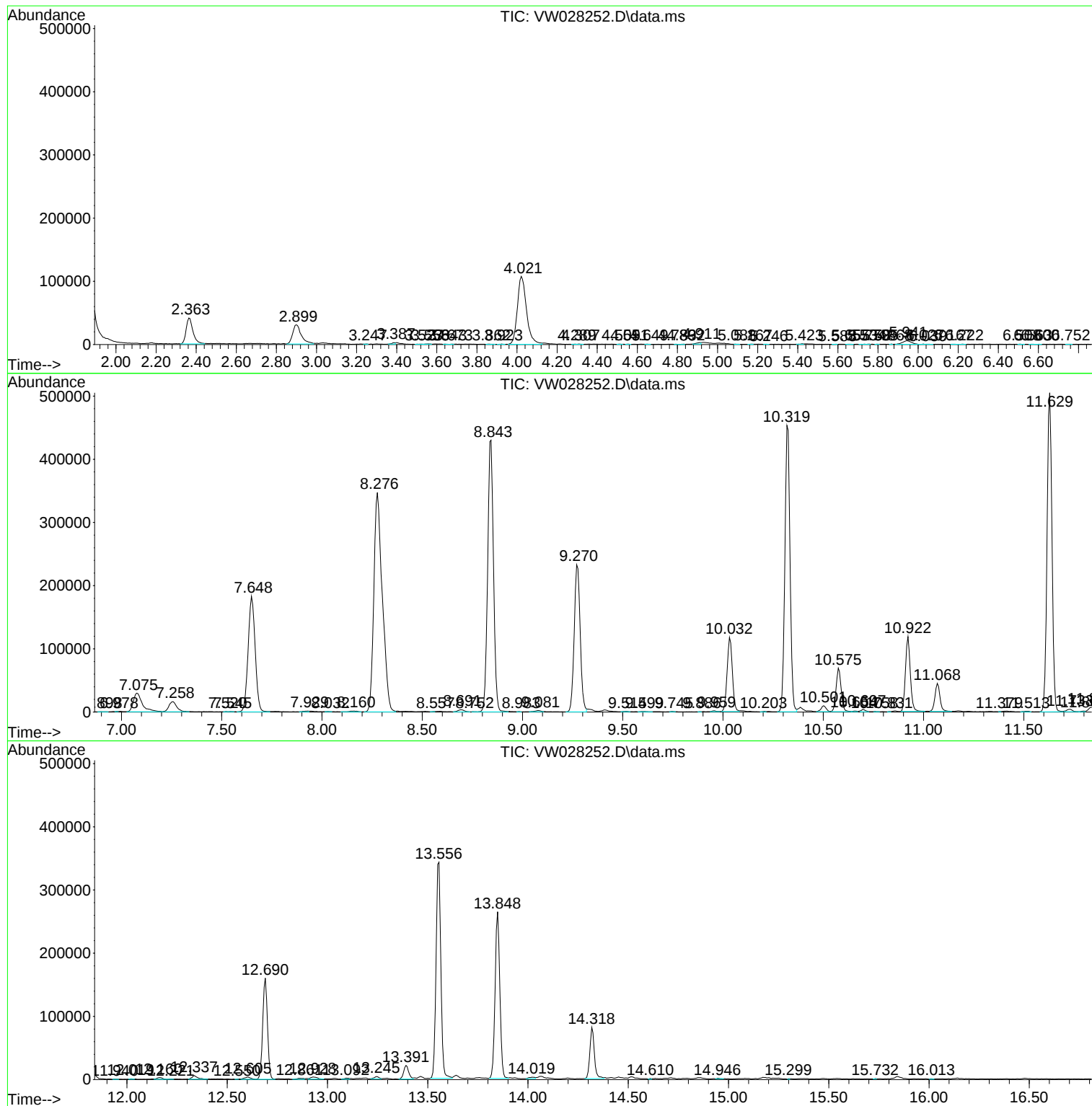
Sum of corrected areas: 7324293

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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



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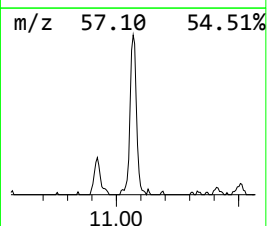
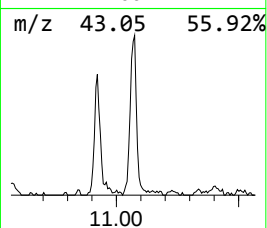
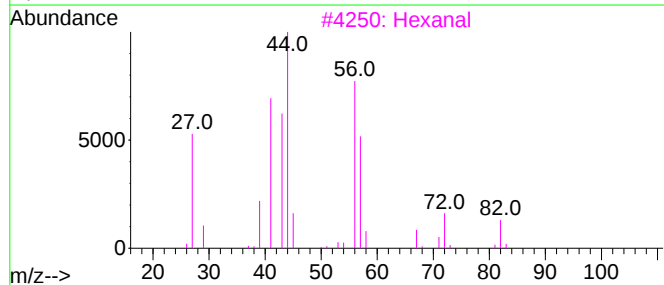
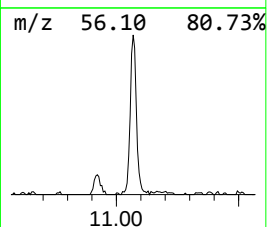
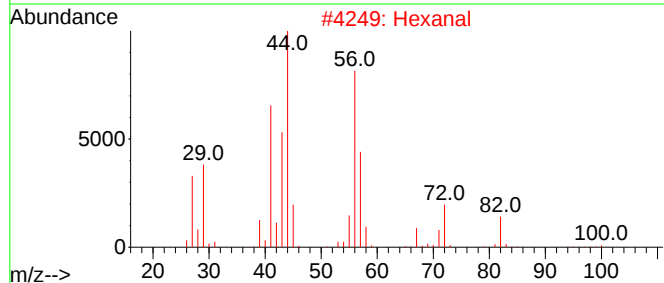
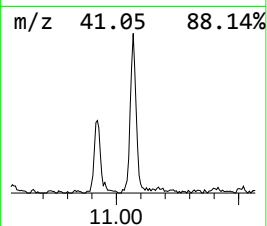
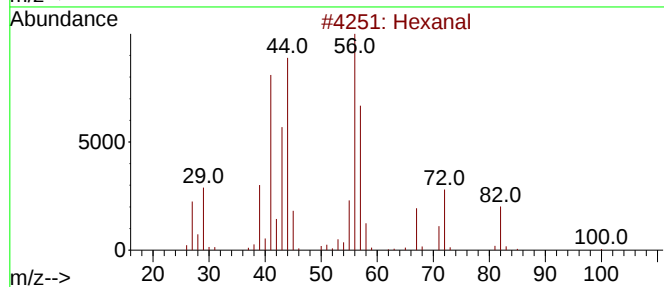
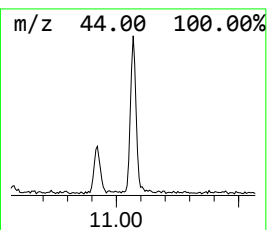
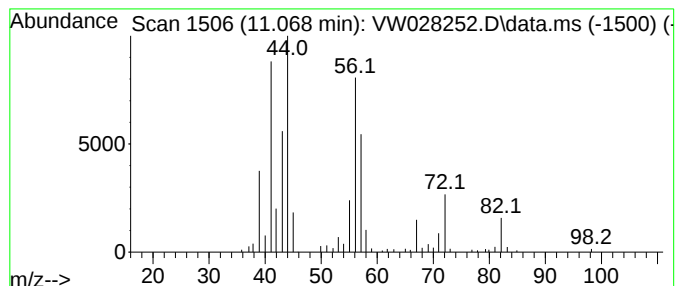
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	2.22 ug/L	76351	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	78
5	Hexanal			100	C6H12O	000066-25-1	64



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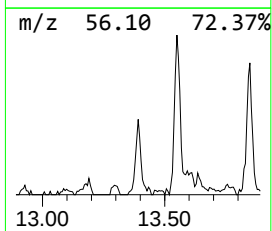
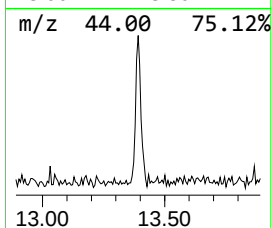
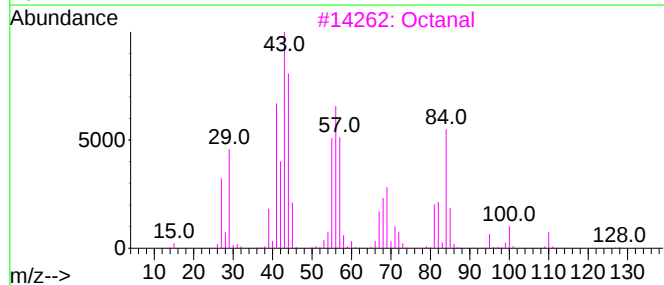
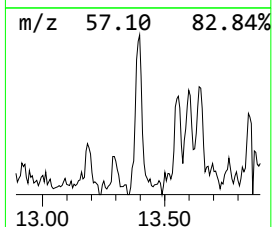
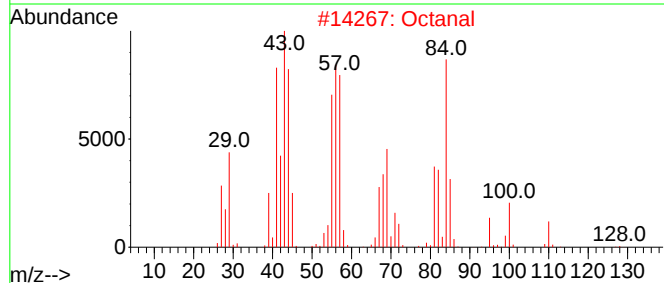
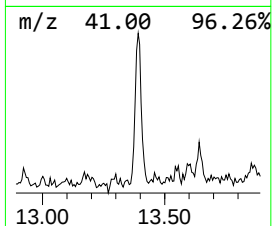
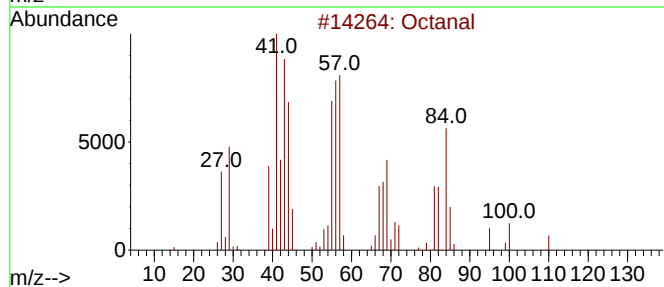
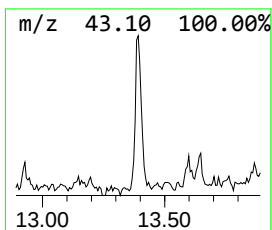
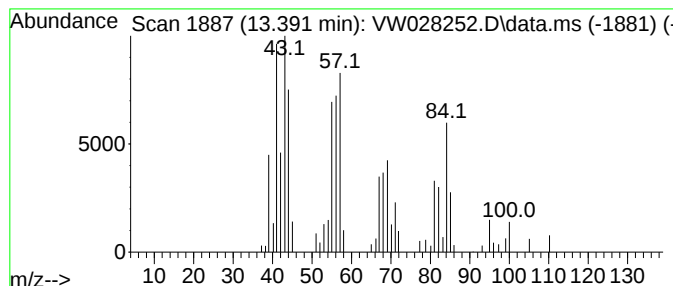
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.391	1.66 ug/L	37418	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	87
2	Octanal			128	C8H16O	000124-13-0	80
3	Octanal			128	C8H16O	000124-13-0	72
4	Octanal			128	C8H16O	000124-13-0	59
5	Octanal			128	C8H16O	000124-13-0	59



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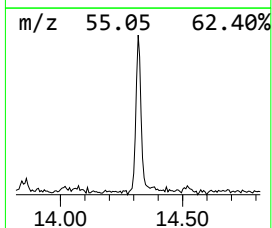
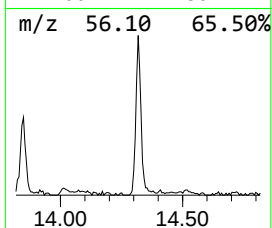
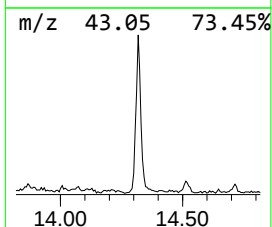
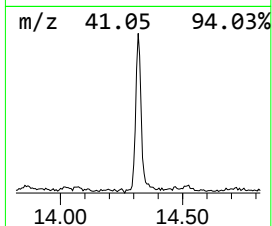
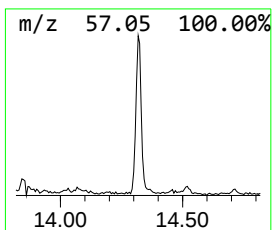
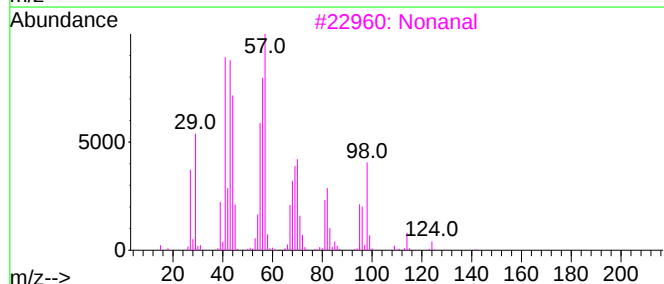
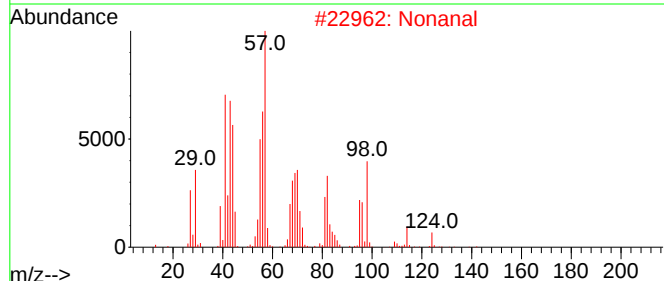
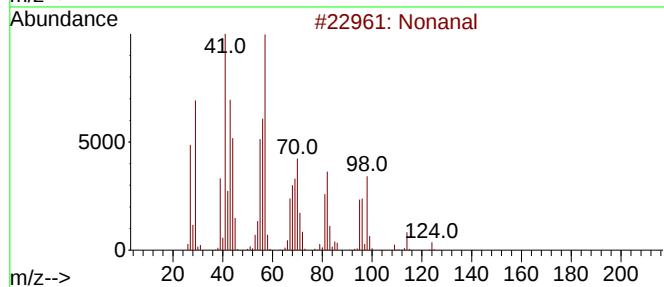
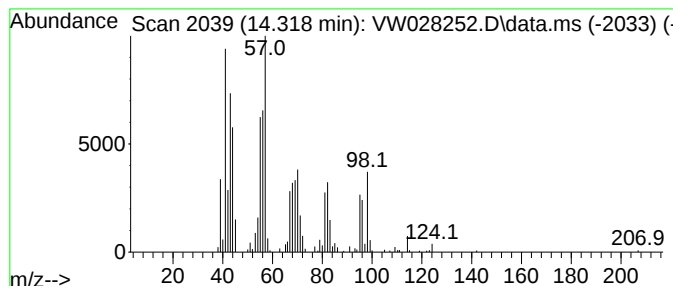
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	5.54 ug/L	125321	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	90
3	Nonanal			142	C9H18O	000124-19-6	64
4	Nonanal			142	C9H18O	000124-19-6	64
5	2-Nonen-1-ol, (E)-			142	C9H18O	031502-14-4	45



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Misc : 3.59g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E07A8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.068	2.2	ug/L	76351	2	11.629	857892	25.0
Octanal	13.391	1.7	ug/L	37418	3	13.556	565050	25.0
Nonanal	14.318	5.5	ug/L	125321	3	13.556	565050	25.0