

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029561.D
 Acq On : 12 Jul 2024 19:32
 Operator : SY/MD
 Sample : P3230-06
 Misc : 7.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB37

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\SFAMWLM070824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029561.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	42	55	56	rBV3	12923	28585	0.09%	0.064%
2	2.363	73	78	91	rVB2	35122	83632	0.26%	0.186%
3	3.460	257	258	260	rBV2	814	640	0.00%	0.001%
4	3.533	269	270	274	rVB2	889	623	0.00%	0.001%
5	3.734	302	303	306	rVB2	797	684	0.00%	0.002%
6	3.826	315	318	321	rBV2	429	692	0.00%	0.002%
7	3.850	321	322	327	rVV3	559	605	0.00%	0.001%
8	4.015	337	349	361	rBV3	54294	183645	0.57%	0.409%
9	4.118	362	366	377	rVB2	8224	22308	0.07%	0.050%
10	4.381	401	409	415	rBV7	1648	4920	0.02%	0.011%
11	4.570	436	440	444	rBV5	688	1256	0.00%	0.003%
12	4.661	451	455	457	rBV4	408	525	0.00%	0.001%
13	4.917	484	497	523	rBV	71709	279497	0.86%	0.622%
14	5.124	529	531	534	rBV5	685	745	0.00%	0.002%
15	5.319	561	563	565	rBV3	510	547	0.00%	0.001%
16	5.435	574	582	590	rBV9	2294	7291	0.02%	0.016%
17	5.722	626	629	630	rVB2	588	520	0.00%	0.001%
18	5.740	630	632	633	rBV2	761	538	0.00%	0.001%
19	5.783	635	639	640	rBV3	920	1140	0.00%	0.003%
20	5.947	657	666	682	rVB4	8937	28212	0.09%	0.063%
21	6.100	688	691	692	rBV3	665	480	0.00%	0.001%
22	6.167	700	702	705	rBV3	450	563	0.00%	0.001%
23	6.222	706	711	712	rBV3	1246	1647	0.01%	0.004%
24	6.630	775	778	782	rBV4	370	558	0.00%	0.001%
25	6.795	801	805	809	rVB3	609	846	0.00%	0.002%
26	6.898	813	822	832	rBV4	8105	25181	0.08%	0.056%
27	6.990	836	837	842	rVB3	540	519	0.00%	0.001%
28	7.081	842	852	856	rBV	13451	34207	0.11%	0.076%
29	7.173	856	867	886	rVB	1072064	2847906	8.78%	6.340%
30	7.551	921	929	935	rVV6	1493	4210	0.01%	0.009%
31	7.648	935	945	959	rBV	72562	178850	0.55%	0.398%
32	7.770	962	965	966	rBV3	585	570	0.00%	0.001%
33	7.825	971	974	979	rBV4	613	1263	0.00%	0.003%
34	8.160	1028	1029	1032	rBV3	431	494	0.00%	0.001%
35	8.276	1038	1048	1063	rBV2	143490	437258	1.35%	0.973%
36	8.416	1070	1071	1074	rVB3	681	506	0.00%	0.001%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Title : SFAM01.0

37	8.459	1074	1078	1079	rBV3	716	833	0.00%	0.002%
38	8.551	1091	1093	1094	rBV2	883	792	0.00%	0.002%
39	8.697	1108	1117	1127	rBV5	4442	13289	0.04%	0.030%
40	8.843	1132	1141	1150	rBV	468941	960625	2.96%	2.139%
41	8.941	1155	1157	1159	rBV3	610	529	0.00%	0.001%
42	9.093	1171	1182	1197	rVV	436853	879717	2.71%	1.958%
43	9.197	1197	1199	1201	rVV3	728	560	0.00%	0.001%
44	9.276	1204	1212	1224	rVV	98926	205650	0.63%	0.458%
45	9.404	1226	1233	1251	rVB	54680	109748	0.34%	0.244%
46	9.953	1318	1323	1326	rBV4	1664	2600	0.01%	0.006%
47	10.032	1329	1336	1344	rBV	50019	93441	0.29%	0.208%
48	10.197	1360	1363	1364	rBV2	551	512	0.00%	0.001%
49	10.319	1375	1383	1390	rBV	188842	340504	1.05%	0.758%
50	10.386	1390	1394	1402	rVB	37443	66891	0.21%	0.149%
51	10.507	1408	1414	1419	rBV	11306	19669	0.06%	0.044%
52	10.581	1420	1426	1439	rVB	31417	62955	0.19%	0.140%
53	10.696	1441	1445	1452	rVB3	7452	12721	0.04%	0.028%
54	10.757	1452	1455	1461	rVB6	1742	2979	0.01%	0.007%
55	10.861	1463	1472	1480	rBV	18551237	32442346	100.00%	72.222%
56	10.922	1480	1482	1496	rVV	49675	84037	0.26%	0.187%
57	11.068	1499	1506	1518	rVB	670580	1080317	3.33%	2.405%
58	11.227	1529	1532	1535	rVB4	3368	3913	0.01%	0.009%
59	11.337	1546	1550	1554	rBV4	2041	3737	0.01%	0.008%
60	11.410	1557	1562	1573	rVB5	9695	27025	0.08%	0.060%
61	11.513	1573	1579	1584	rBV3	8181	15268	0.05%	0.034%
62	11.629	1590	1598	1606	rBV	646337	1085552	3.35%	2.417%
63	11.709	1608	1611	1624	rVB6	7334	20962	0.06%	0.047%
64	11.837	1624	1632	1642	rBV3	45082	88651	0.27%	0.197%
65	12.026	1661	1663	1666	rBV4	981	644	0.00%	0.001%
66	12.160	1674	1685	1693	rBV4	15297	36370	0.11%	0.081%
67	12.245	1695	1699	1704	rVB4	3005	5918	0.02%	0.013%
68	12.336	1707	1714	1727	rBV	148606	243398	0.75%	0.542%
69	12.513	1739	1743	1747	rVB3	2631	4239	0.01%	0.009%
70	12.605	1753	1758	1766	rVB	18621	30849	0.10%	0.069%
71	12.690	1766	1772	1783	rVB	72383	124646	0.38%	0.277%
72	12.788	1783	1788	1790	rBV6	1056	1447	0.00%	0.003%
73	12.861	1795	1800	1804	rBV3	3333	6077	0.02%	0.014%
74	12.934	1807	1812	1818	rVB5	6335	12840	0.04%	0.029%
75	13.038	1826	1829	1833	rBV5	1646	2345	0.01%	0.005%
76	13.092	1833	1838	1845	rVV8	4217	10492	0.03%	0.023%

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 Title : SFAM01.0

77	13.147	1845	1847	1852	rVB5	1458	1555	0.00%	0.003%
78	13.269	1858	1867	1876	rBV	87396	162251	0.50%	0.361%
79	13.391	1881	1887	1894	rBV	384156	561633	1.73%	1.250%
80	13.556	1907	1914	1923	rBV	621042	1000924	3.09%	2.228%
81	13.641	1925	1928	1935	rVB	12015	20685	0.06%	0.046%
82	13.848	1955	1962	1969	rBV	133251	225116	0.69%	0.501%
83	14.013	1985	1989	1992	rBV5	4567	7428	0.02%	0.017%
84	14.068	1992	1998	2006	rVV3	42013	80678	0.25%	0.180%
85	14.171	2009	2015	2031	rVB10	12331	46010	0.14%	0.102%
86	14.318	2033	2039	2047	rBV	255626	376483	1.16%	0.838%
87	14.458	2055	2062	2073	rVB3	12215	38430	0.12%	0.086%
88	14.556	2073	2078	2083	rVB2	5375	9778	0.03%	0.022%
89	14.714	2102	2104	2107	rVB3	2550	2709	0.01%	0.006%
90	14.818	2119	2121	2122	rBV2	644	451	0.00%	0.001%
91	14.946	2137	2142	2147	rBV8	5697	11506	0.04%	0.026%
92	15.171	2175	2179	2190	rVB2	16397	28212	0.09%	0.063%
93	15.476	2220	2229	2235	rBV	7604	18924	0.06%	0.042%
94	15.537	2237	2239	2247	rVV7	3129	5219	0.02%	0.012%
95	15.842	2284	2289	2298	rBV4	15269	32401	0.10%	0.072%
96	16.159	2340	2341	2344	rVB3	941	566	0.00%	0.001%
97	16.189	2344	2346	2348	rBV3	968	901	0.00%	0.002%
98	16.372	2375	2376	2379	rBV3	721	524	0.00%	0.001%
99	16.421	2382	2384	2385	rBV	771	724	0.00%	0.002%
100	16.628	2416	2418	2419	rVB2	783	490	0.00%	0.001%

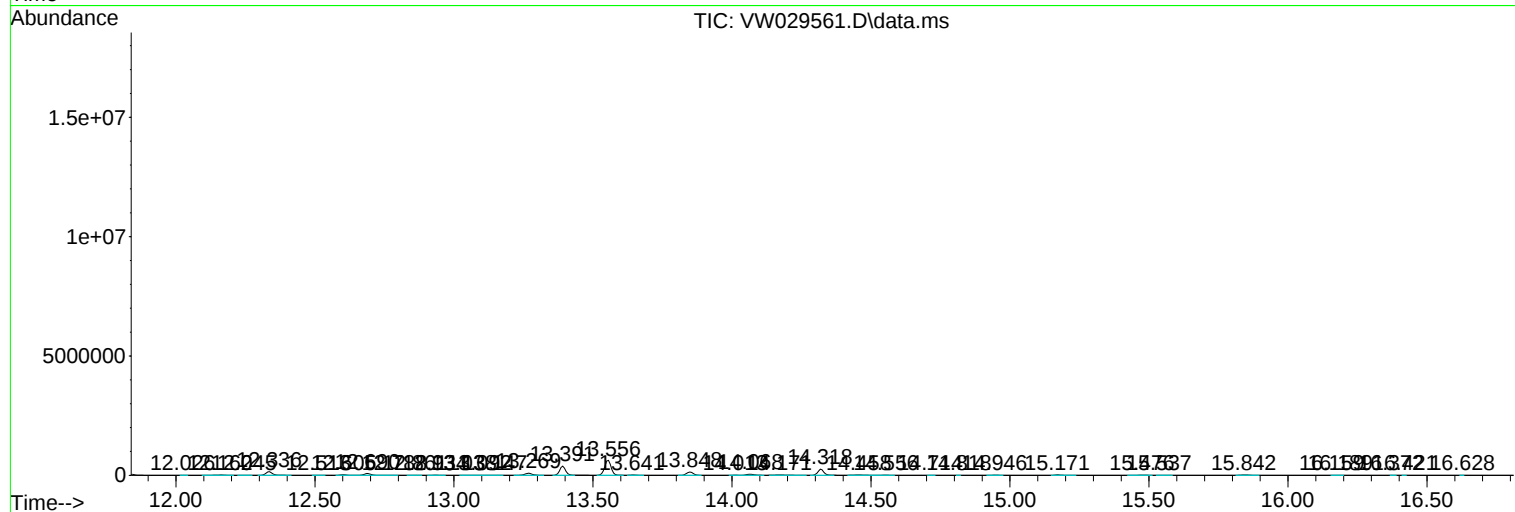
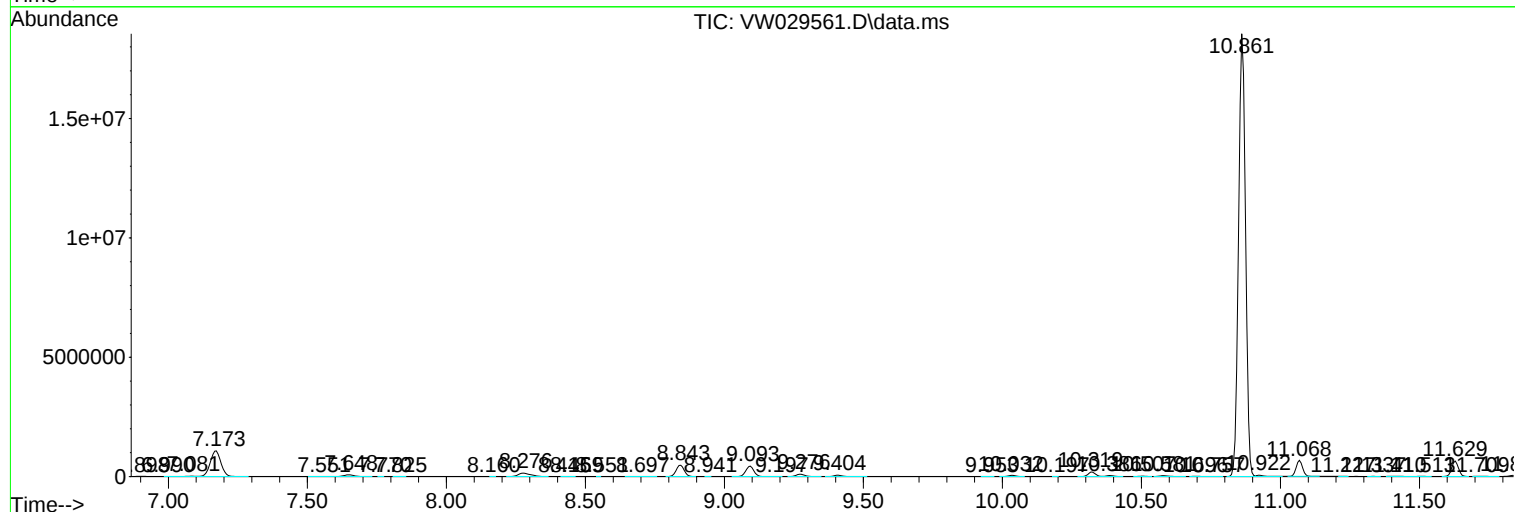
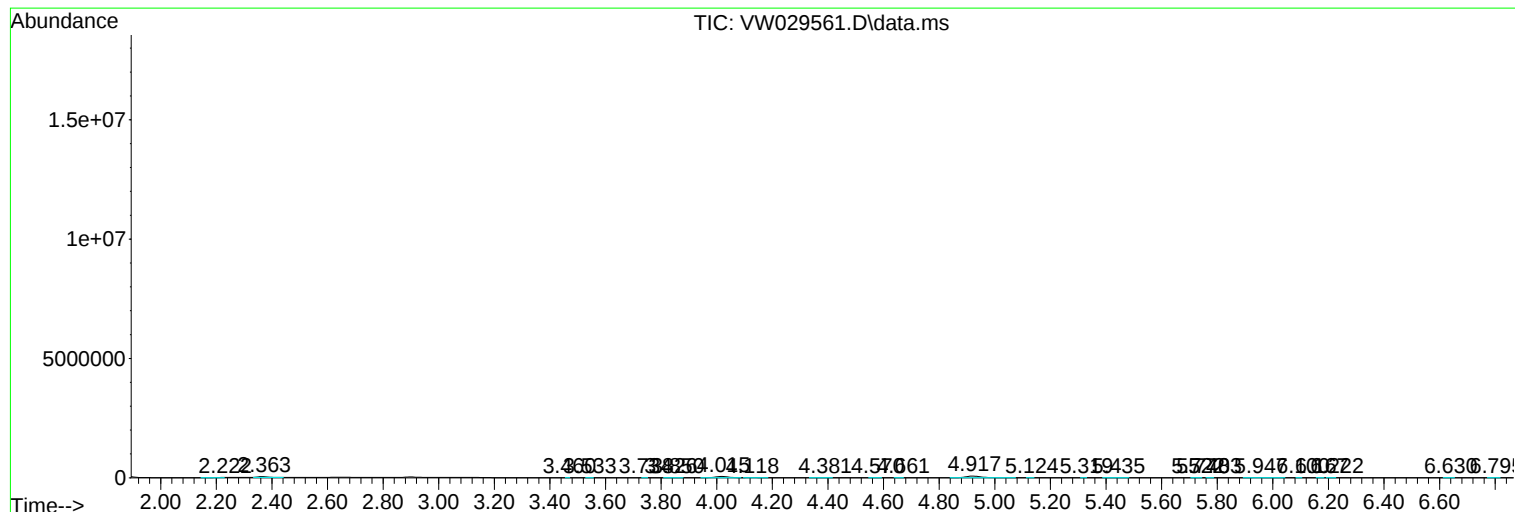
Sum of corrected areas: 44920349

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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



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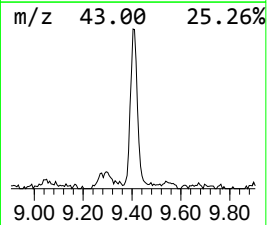
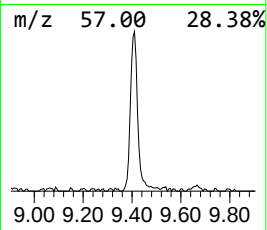
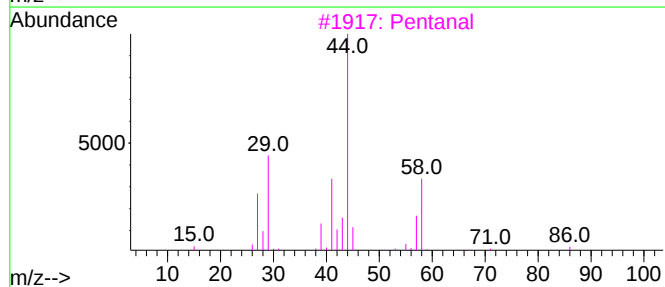
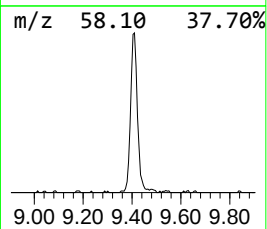
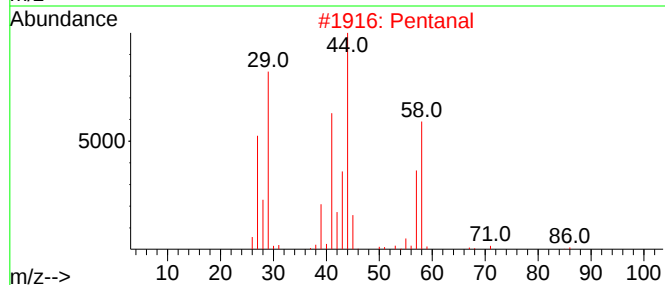
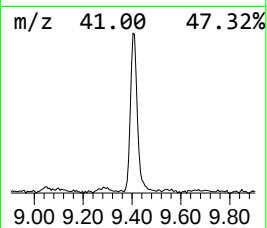
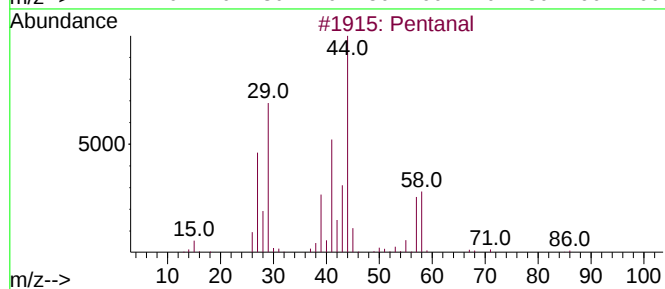
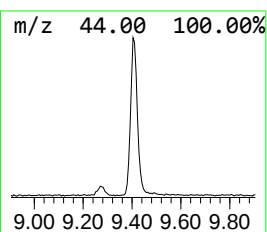
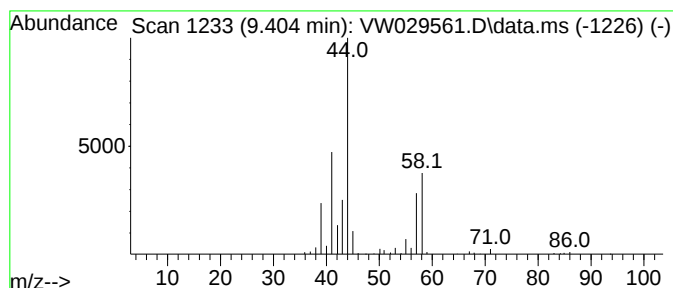
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	2.86 ug/L	109748	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	90
2	Pentanal			86	C5H10O	000110-62-3	78
3	Pentanal			86	C5H10O	000110-62-3	74
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64



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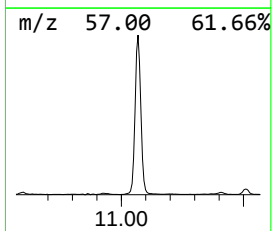
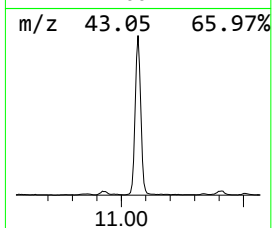
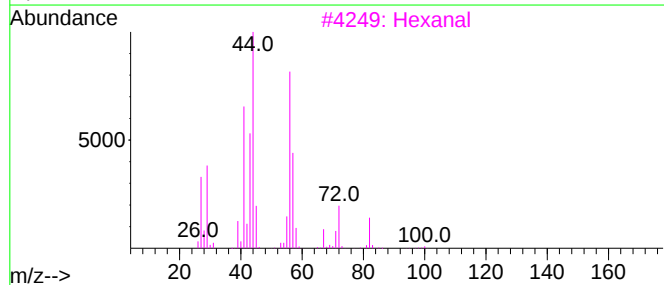
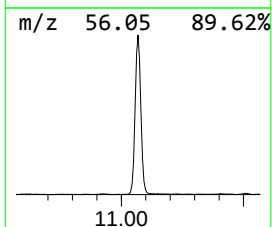
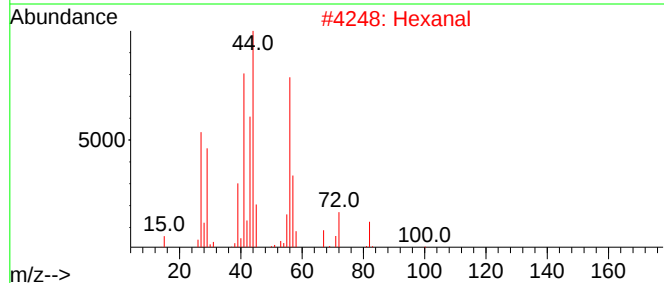
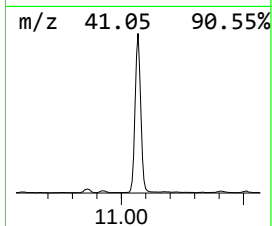
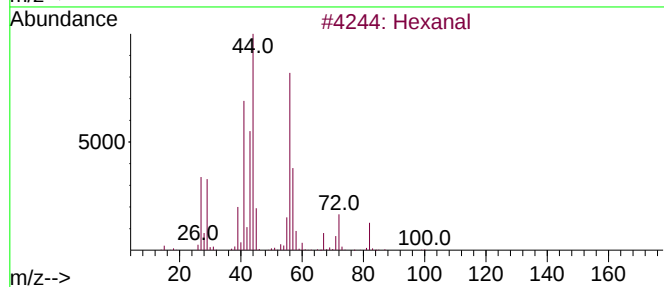
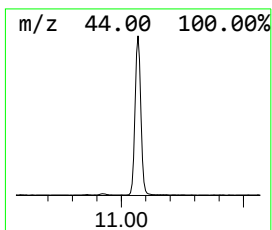
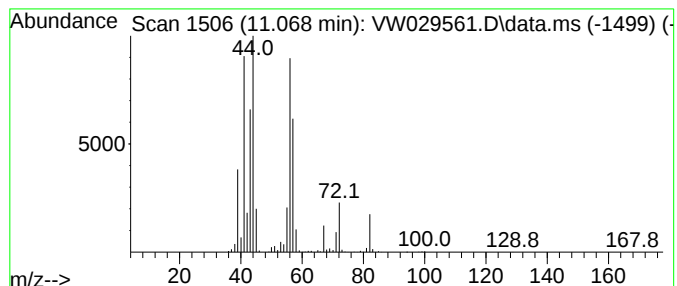
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	24.88 ug/L	1080320	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	87
2	Hexanal			100	C6H12O	000066-25-1	80
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	80
5	Hexanal			100	C6H12O	000066-25-1	64



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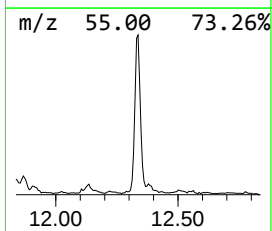
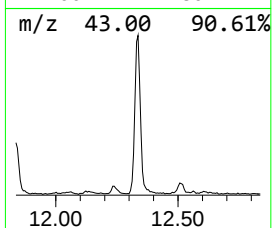
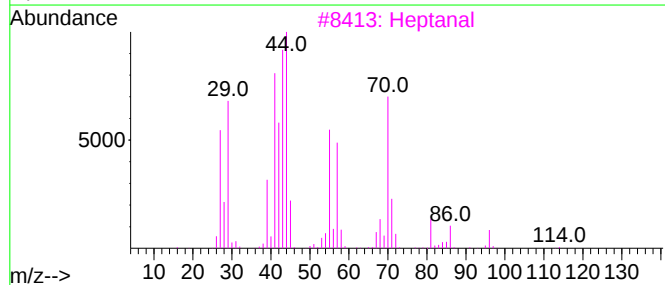
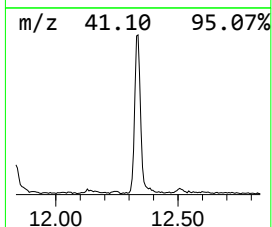
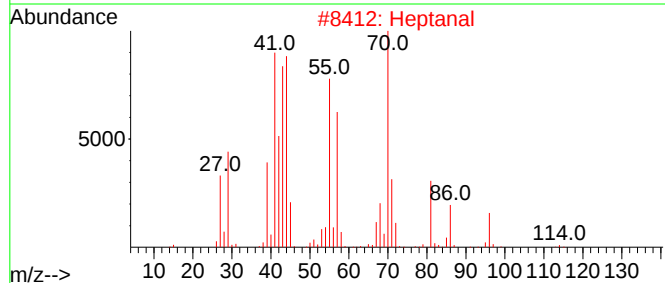
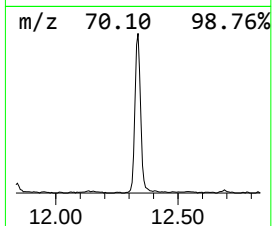
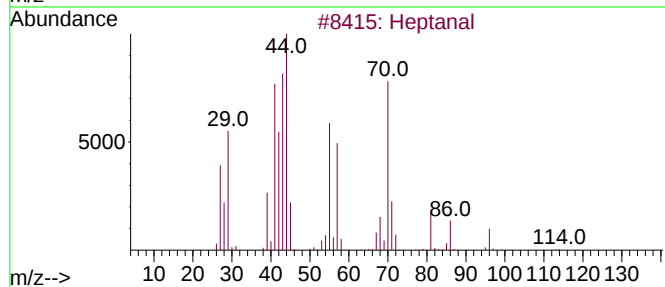
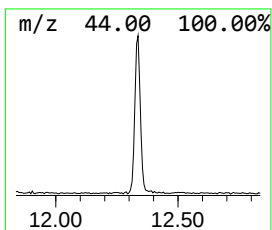
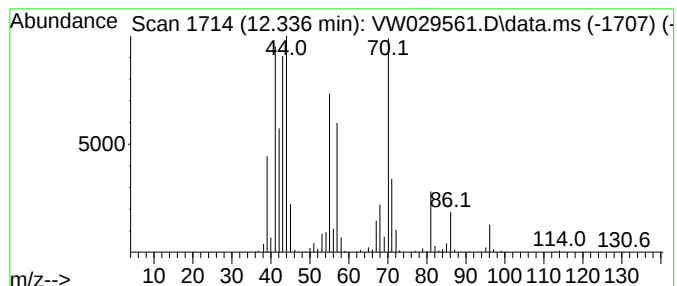
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	5.61 ug/L	243398	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	97
2	Heptanal			114	C7H14O	000111-71-7	96
3	Heptanal			114	C7H14O	000111-71-7	91
4	Heptanal			114	C7H14O	000111-71-7	90
5	Heptanal			114	C7H14O	000111-71-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029561.D
Acq On : 12 Jul 2024 19:32
Operator : SY/MD
Sample : P3230-06
Misc : 7.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB37

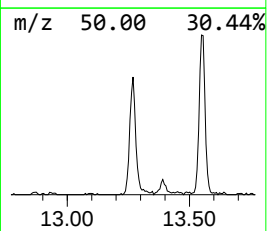
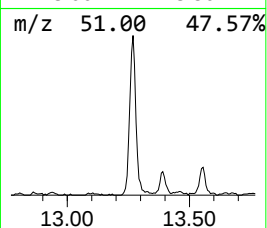
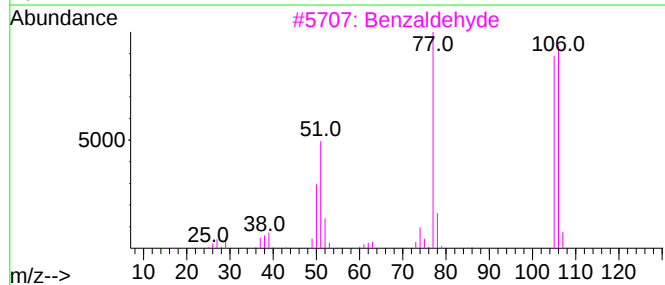
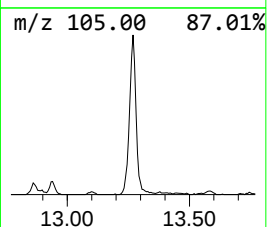
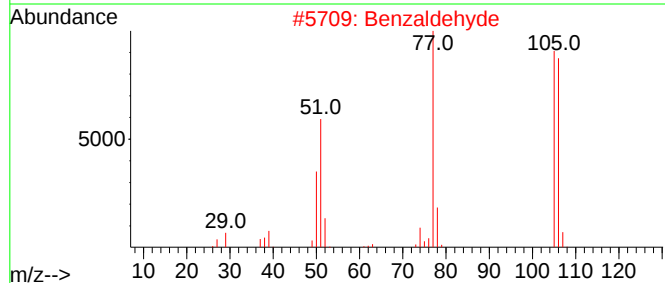
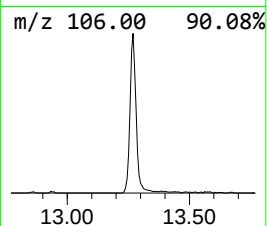
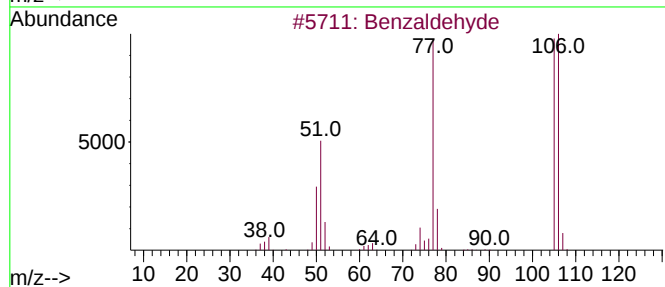
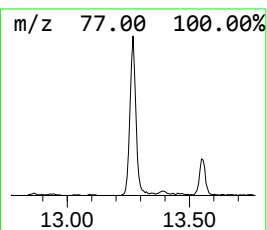
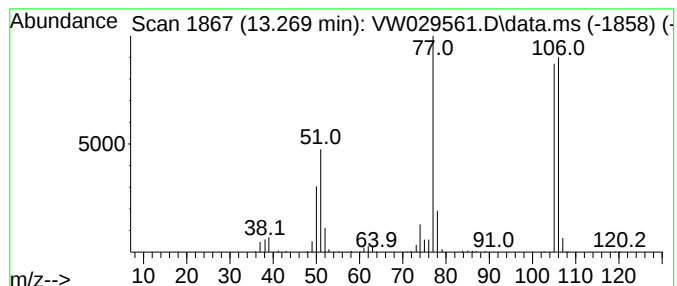
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Quant Title : SFAM01.0

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

Peak Number 5 Benzaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	4.05 ug/L	162251	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde	106	C7H6O	000100-52-7	97
2			Benzaldehyde	106	C7H6O	000100-52-7	97
3			Benzaldehyde	106	C7H6O	000100-52-7	96
4			Benzaldehyde	106	C7H6O	000100-52-7	95
5			Benzaldehyde	106	C7H6O	000100-52-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029561.D
Acq On : 12 Jul 2024 19:32
Operator : SY/MD
Sample : P3230-06
Misc : 7.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

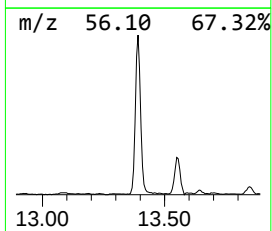
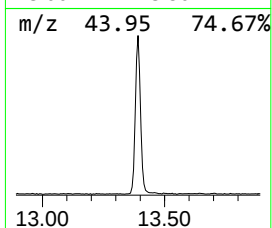
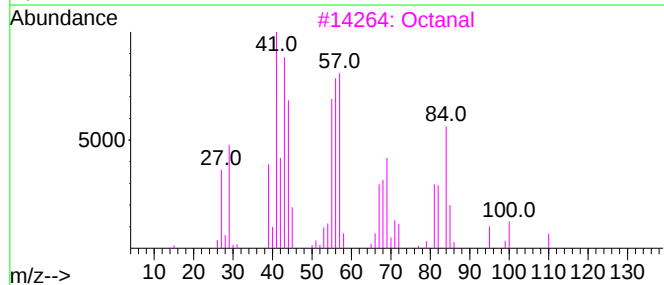
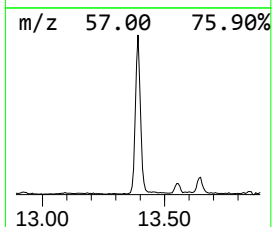
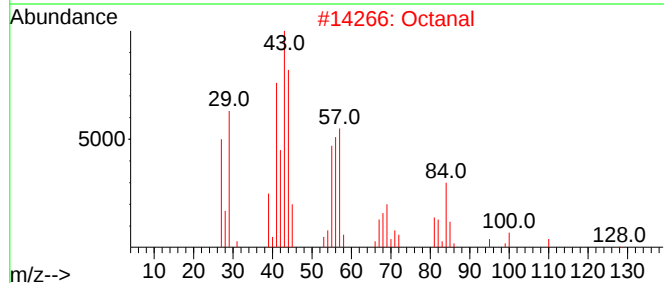
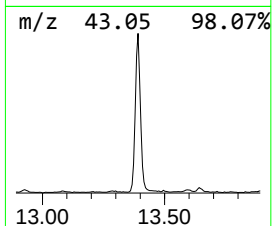
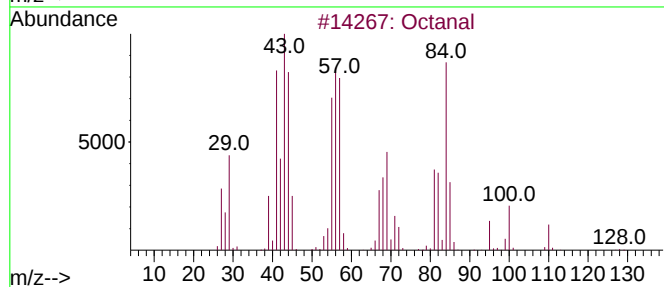
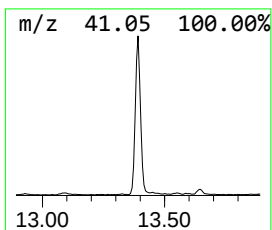
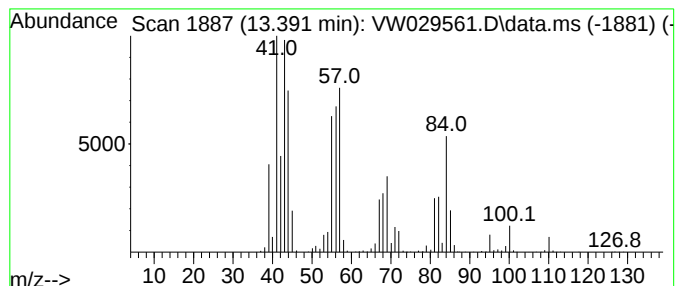
Instrument :
MSVOA_W
ClientSampleId :
BHB37

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Quant Title : SFAM01.0

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

Peak Number 6 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.391	14.03 ug/L	561633	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	97
2	Octanal		128	C8H16O	000124-13-0	95
3	Octanal		128	C8H16O	000124-13-0	91
4	Octanal		128	C8H16O	000124-13-0	91
5	Octanal		128	C8H16O	000124-13-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029561.D
Acq On : 12 Jul 2024 19:32
Operator : SY/MD
Sample : P3230-06
Misc : 7.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB37

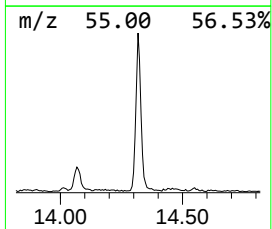
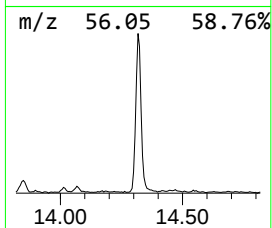
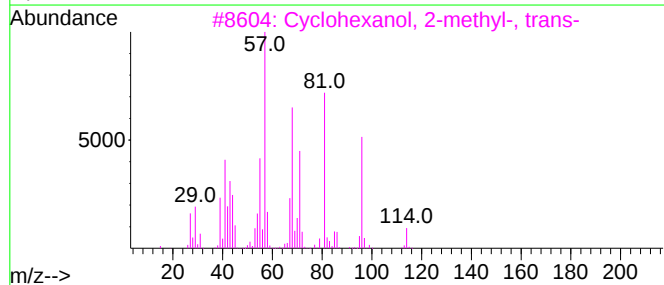
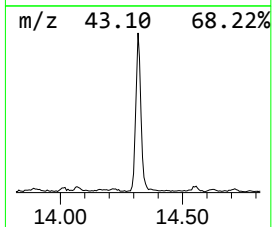
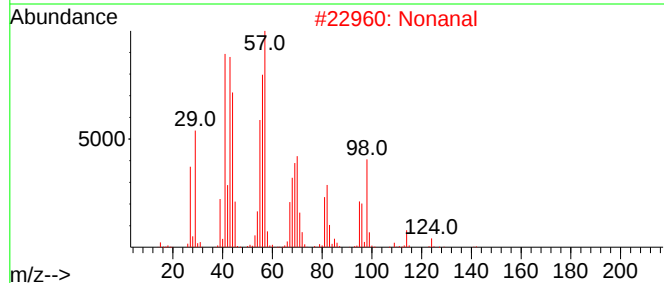
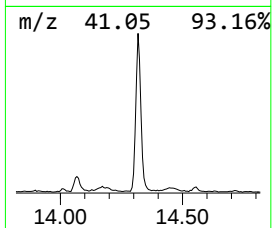
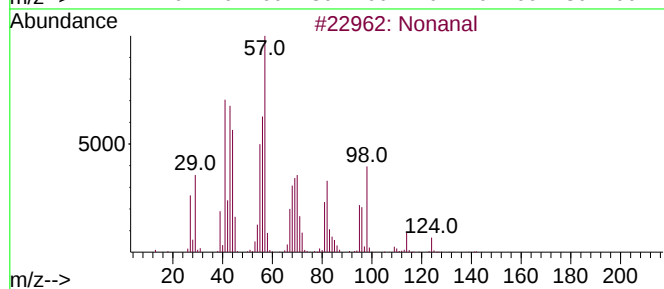
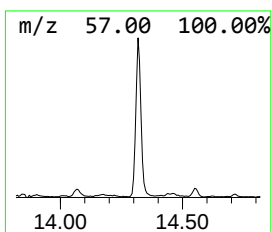
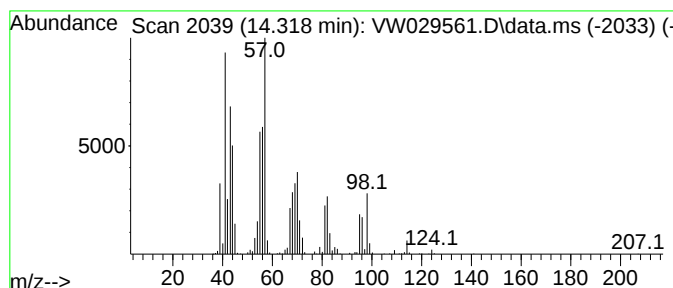
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Quant Title : SFAM01.0

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

Peak Number 8 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	9.40 ug/L	376483	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	90
2			Nonanal	142	C9H18O	000124-19-6	90
3			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	30
4			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27
5			Cyclohexanol	100	C6H12O	000108-93-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029561.D
Acq On : 12 Jul 2024 19:32
Operator : SY/MD
Sample : P3230-06
Misc : 7.99g/10mL/MSVOA_W/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB37

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.404	2.9	ug/L	109748	1	8.843	960625	25.0
Hexanal	11.068	24.9	ug/L	1080320	2	11.629	1085550	25.0
Heptanal	12.336	5.6	ug/L	243398	2	11.629	1085550	25.0
Benzaldehyde	13.269	4.0	ug/L	162251	3	13.556	1000920	25.0
Octanal	13.391	14.0	ug/L	561633	3	13.556	1000920	25.0
Nonanal	14.318	9.4	ug/L	376483	3	13.556	1000920	25.0