

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029960.D
 Acq On : 20 Aug 2024 15:44
 Operator : SY/MD
 Sample : P3626-18
 Misc : 4.41g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXZ7

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029960.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	72	78	90	rBV	46262	103811	12.49%	1.558%
2	2.497	96	100	107	rBV	7111	15120	1.82%	0.227%
3	2.899	160	166	185	rVB2	34580	101371	12.19%	1.521%
4	3.399	243	248	258	rVB	6861	15264	1.84%	0.229%
5	3.661	289	291	294	rBV3	539	591	0.07%	0.009%
6	3.905	329	331	333	rVB3	752	480	0.06%	0.007%
7	4.027	338	351	360	rBV	76756	243481	29.29%	3.653%
8	4.564	437	439	441	rBV3	370	389	0.05%	0.006%
9	4.618	445	448	449	rBV3	498	519	0.06%	0.008%
10	4.673	452	457	465	rBV4	1271	3470	0.42%	0.052%
11	4.783	473	475	477	rBV	304	293	0.04%	0.004%
12	4.923	487	498	514	rVB6	5990	23009	2.77%	0.345%
13	5.210	543	545	547	rVB3	508	344	0.04%	0.005%
14	5.265	552	554	557	rBV2	237	364	0.04%	0.005%
15	5.344	565	567	570	rVB	341	292	0.04%	0.004%
16	5.423	578	580	582	rBV2	452	442	0.05%	0.007%
17	5.441	582	583	588	rVB3	419	357	0.04%	0.005%
18	5.478	588	589	590	rBV	601	278	0.03%	0.004%
19	5.527	593	597	598	rBV4	439	477	0.06%	0.007%
20	5.545	598	600	602	rVB2	552	387	0.05%	0.006%
21	5.569	602	604	606	rBV2	343	333	0.04%	0.005%
22	5.624	610	613	615	rBV3	306	392	0.05%	0.006%
23	5.697	622	625	627	rBV2	331	418	0.05%	0.006%
24	5.789	631	640	647	rBV7	2457	8003	0.96%	0.120%
25	5.941	656	665	675	rBV7	1793	5568	0.67%	0.084%
26	6.082	686	688	690	rBV2	222	255	0.03%	0.004%
27	6.106	690	692	693	rBV	649	535	0.06%	0.008%
28	6.191	705	706	708	rVB2	458	285	0.03%	0.004%
29	6.216	708	710	712	rVB	381	337	0.04%	0.005%
30	6.332	728	729	732	rBV2	328	350	0.04%	0.005%
31	6.362	732	734	737	rVB3	478	480	0.06%	0.007%
32	6.594	770	772	776	rVB3	419	436	0.05%	0.007%
33	6.667	783	784	786	rVB2	436	315	0.04%	0.005%
34	6.697	786	789	790	rBV2	433	448	0.05%	0.007%
35	6.783	800	803	805	rBV2	378	310	0.04%	0.005%
36	6.905	814	823	831	rBV4	4453	14477	1.74%	0.217%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Title : SFAM01.0

37	7.075	844	851	861	rBV2	21801	67049	8.07%	1.006%
38	7.648	935	945	957	rVB	144531	358328	43.10%	5.377%
39	7.764	962	964	967	rVV3	965	1167	0.14%	0.018%
40	7.819	971	973	976	rVB4	371	333	0.04%	0.005%
41	7.874	980	982	983	rBV2	356	297	0.04%	0.004%
42	8.020	1003	1006	1007	rVV2	337	351	0.04%	0.005%
43	8.045	1008	1010	1013	rVB2	355	404	0.05%	0.006%
44	8.124	1021	1023	1025	rBV2	374	347	0.04%	0.005%
45	8.142	1025	1026	1027	rBV	445	257	0.03%	0.004%
46	8.197	1033	1035	1037	rBV3	430	335	0.04%	0.005%
47	8.276	1037	1048	1064	rBV2	269906	797373	95.92%	11.965%
48	8.471	1078	1080	1081	rBV	497	293	0.04%	0.004%
49	8.551	1089	1093	1103	rVB8	2924	6970	0.84%	0.105%
50	8.703	1112	1118	1126	rBV	12178	28381	3.41%	0.426%
51	8.843	1132	1141	1159	rBV	397844	779862	93.81%	11.702%
52	9.276	1203	1212	1222	rBV	191398	392483	47.21%	5.889%
53	9.404	1227	1233	1243	rVV	28815	57980	6.97%	0.870%
54	9.776	1293	1294	1297	rVB2	475	313	0.04%	0.005%
55	9.806	1297	1299	1303	rVB4	387	418	0.05%	0.006%
56	9.941	1318	1321	1324	rBV4	323	454	0.05%	0.007%
57	10.032	1326	1336	1344	rBV	94679	173769	20.90%	2.607%
58	10.124	1349	1351	1352	rBV2	741	455	0.05%	0.007%
59	10.325	1374	1384	1392	rBV	356500	637911	76.73%	9.572%
60	10.501	1408	1413	1414	rBV4	1325	1617	0.19%	0.024%
61	10.575	1418	1425	1433	rBV	58850	105297	12.67%	1.580%
62	10.697	1440	1445	1451	rBV2	9113	17014	2.05%	0.255%
63	10.843	1464	1469	1470	rBV3	1096	1460	0.18%	0.022%
64	10.922	1476	1482	1495	rBV	87385	155415	18.69%	2.332%
65	11.068	1499	1506	1517	rBV	225494	365537	43.97%	5.485%
66	11.440	1566	1567	1571	rVB3	455	506	0.06%	0.008%
67	11.514	1577	1579	1582	rVB2	642	423	0.05%	0.006%
68	11.629	1591	1598	1606	rBV	495148	831320	100.00%	12.474%
69	11.837	1626	1632	1640	rBV	11474	23519	2.83%	0.353%
70	12.013	1657	1661	1670	rVB3	5483	10108	1.22%	0.152%
71	12.233	1694	1697	1699	rBV4	618	653	0.08%	0.010%
72	12.337	1709	1714	1723	rBV2	14888	25643	3.08%	0.385%
73	12.599	1751	1757	1763	rBV2	9077	15501	1.86%	0.233%
74	12.690	1765	1772	1781	rVV	143997	233179	28.05%	3.499%
75	13.013	1823	1825	1826	rBV2	463	357	0.04%	0.005%
76	13.044	1826	1830	1834	rVV5	2844	4673	0.56%	0.070%

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 Title : SFAM01.0

77	13.099	1834	1839	1843	rVV4	2947	6010	0.72%	0.090%
78	13.147	1845	1847	1853	rVV4	3394	5120	0.62%	0.077%
79	13.208	1853	1857	1861	rVV4	4948	6798	0.82%	0.102%
80	13.391	1881	1887	1895	rBV6	11567	21779	2.62%	0.327%
81	13.556	1907	1914	1926	rVB	350658	571288	68.72%	8.572%
82	13.763	1944	1948	1949	rBV3	1065	1559	0.19%	0.023%
83	13.848	1955	1962	1974	rVB	218452	360369	43.35%	5.407%
84	14.013	1986	1989	1992	rBV4	1511	2307	0.28%	0.035%
85	14.062	1994	1997	2008	rVB5	9153	17857	2.15%	0.268%
86	14.318	2033	2039	2048	rBV3	8419	14667	1.76%	0.220%
87	14.422	2054	2056	2064	rBV6	705	1405	0.17%	0.021%
88	14.482	2064	2066	2067	rBV2	917	756	0.09%	0.011%
89	14.592	2083	2084	2085	rBV	427	265	0.03%	0.004%
90	14.714	2102	2104	2110	rVB5	1267	1516	0.18%	0.023%
91	14.915	2135	2137	2138	rBV2	434	267	0.03%	0.004%
92	14.946	2138	2142	2148	rVV5	2776	4371	0.53%	0.066%
93	15.165	2177	2178	2185	rVB5	1427	2151	0.26%	0.032%
94	15.580	2244	2246	2249	rBV2	312	434	0.05%	0.007%
95	15.848	2286	2290	2294	rVB5	1305	2060	0.25%	0.031%
96	15.927	2301	2303	2304	rBV2	540	450	0.05%	0.007%
97	16.183	2343	2345	2346	rBV	402	319	0.04%	0.005%
98	16.202	2346	2348	2349	rVB2	624	356	0.04%	0.005%
99	16.476	2391	2393	2396	rBV3	420	557	0.07%	0.008%
100	16.622	2415	2417	2420	rVB	635	366	0.04%	0.005%

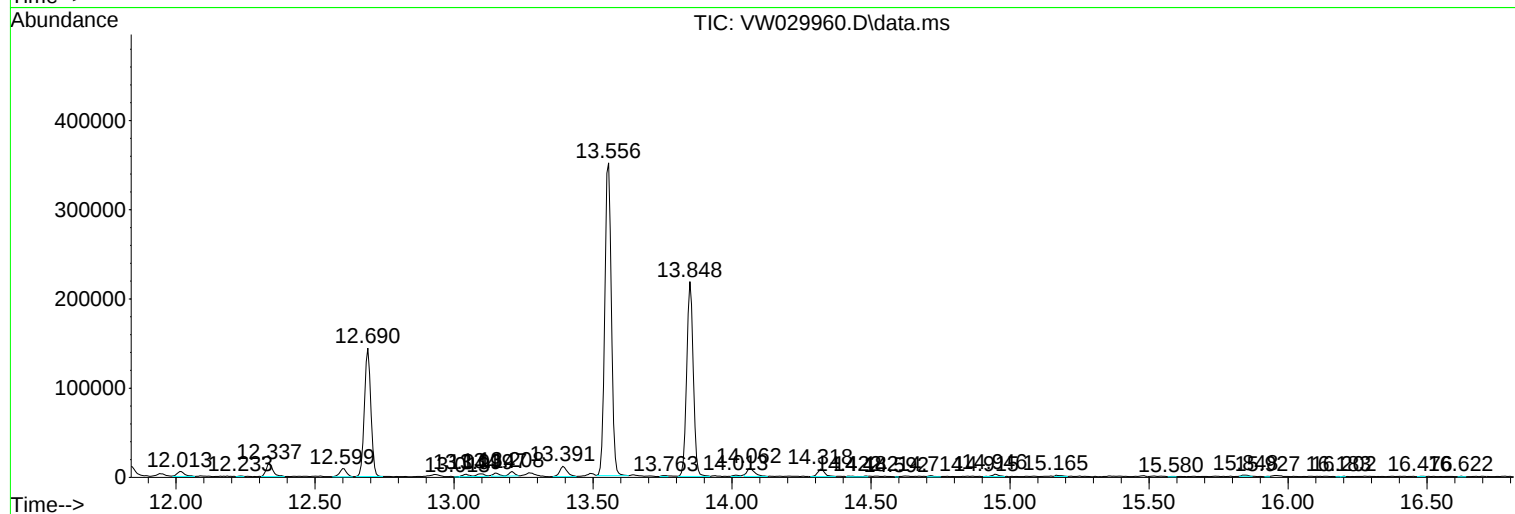
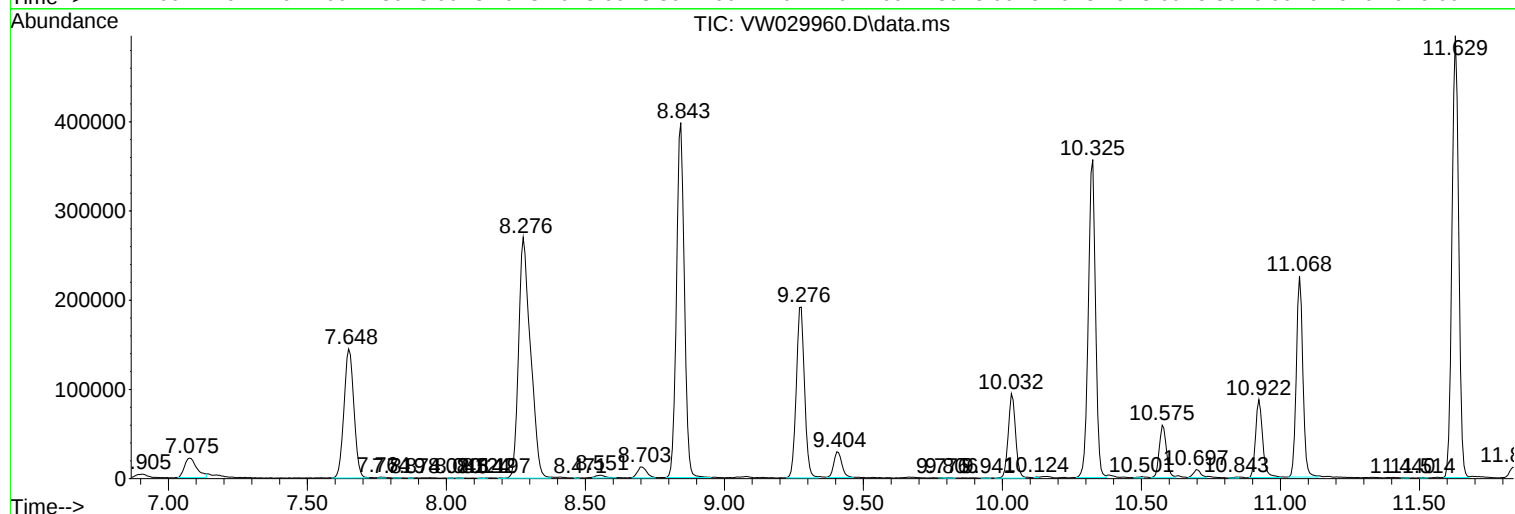
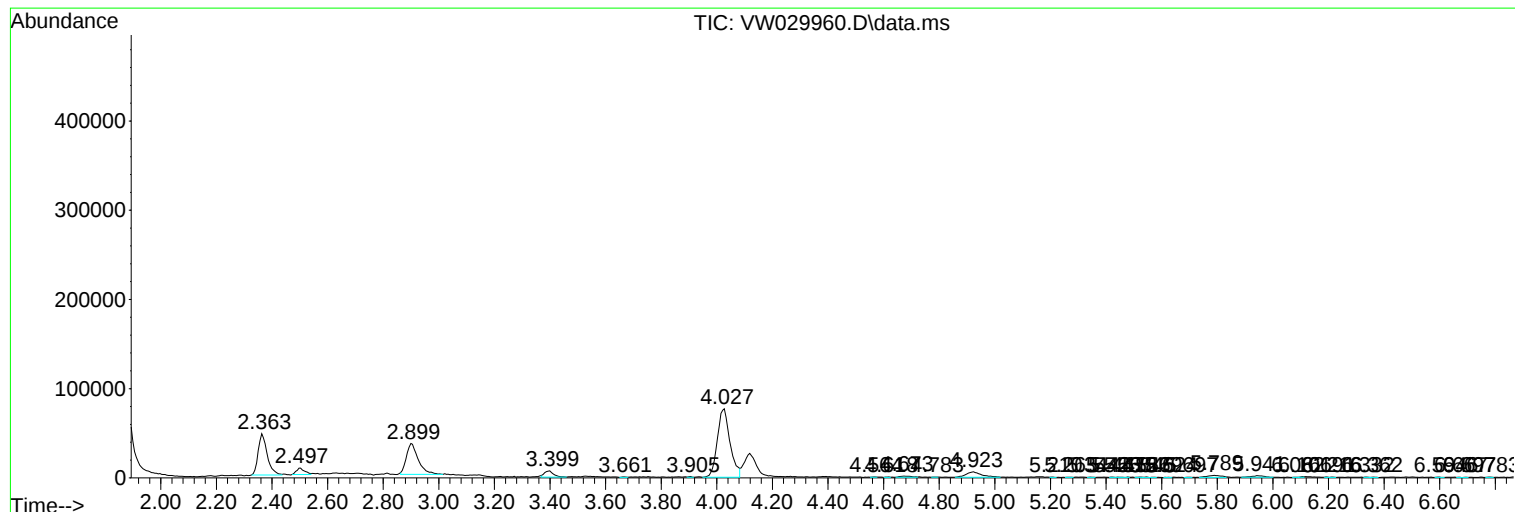
Sum of corrected areas: 6664460

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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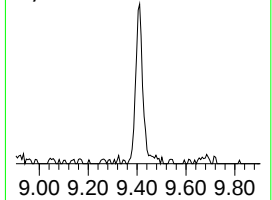
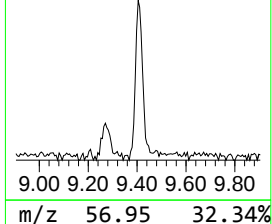
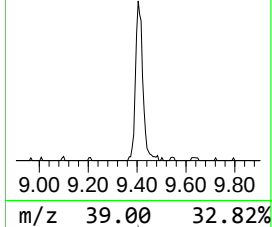
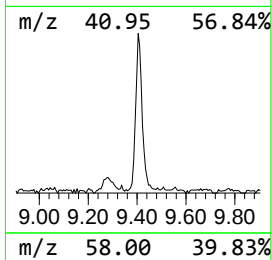
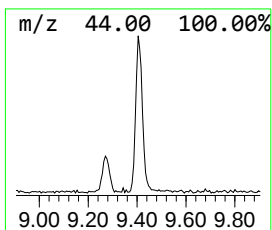
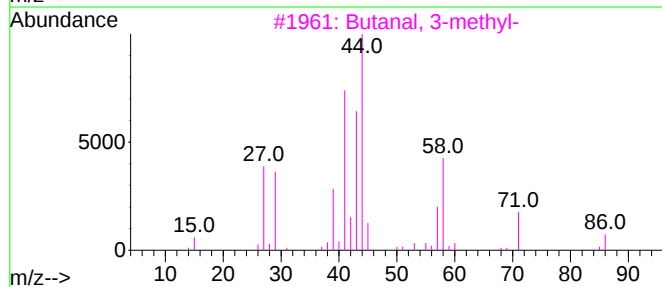
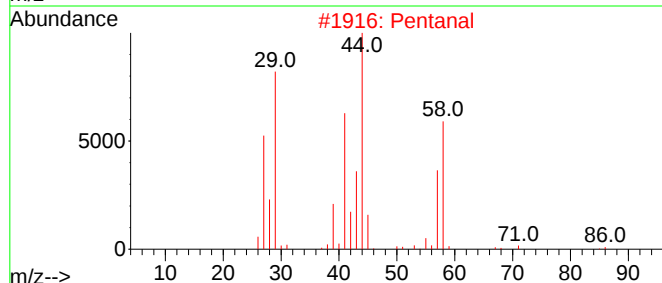
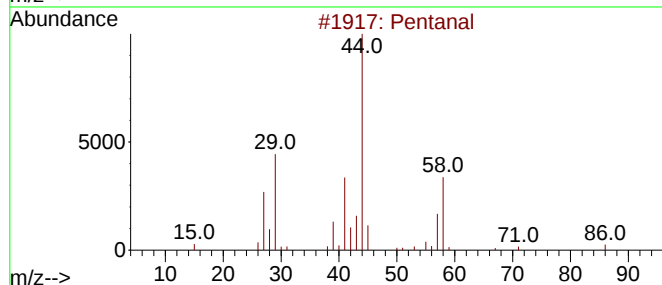
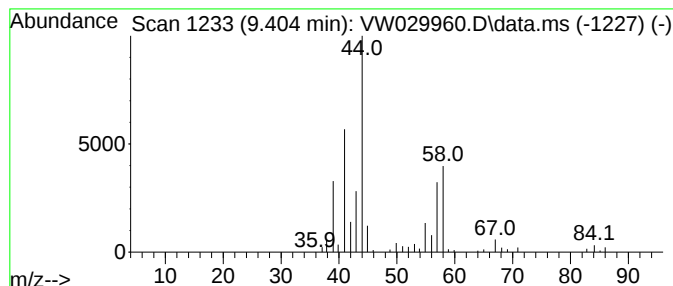
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	1.86 ug/L	57980	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	83
2	Pentanal			86	C5H10O	000110-62-3	78
3	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
4	Pentanal			86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	53



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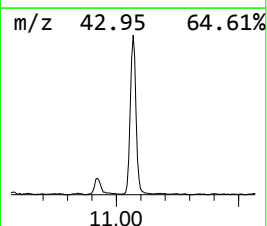
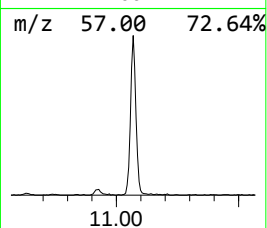
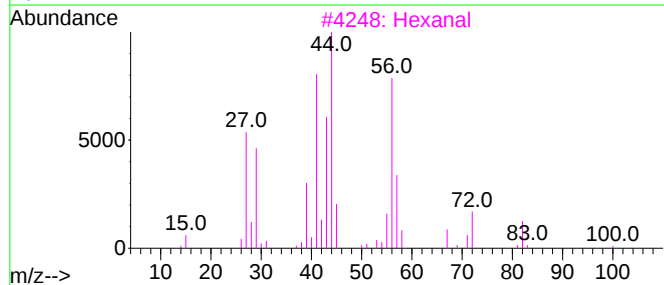
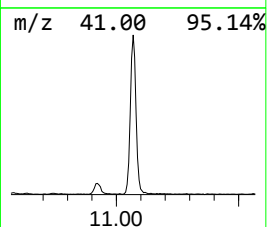
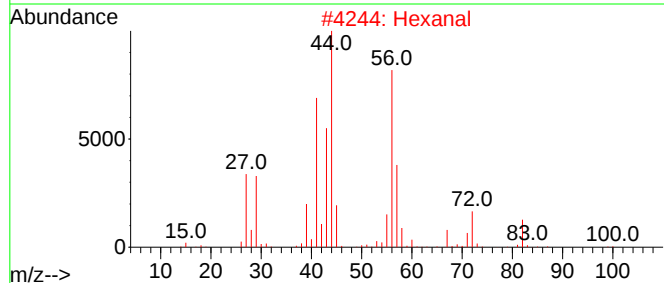
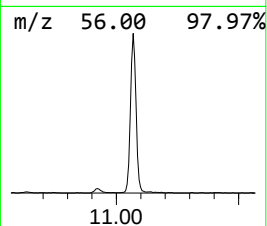
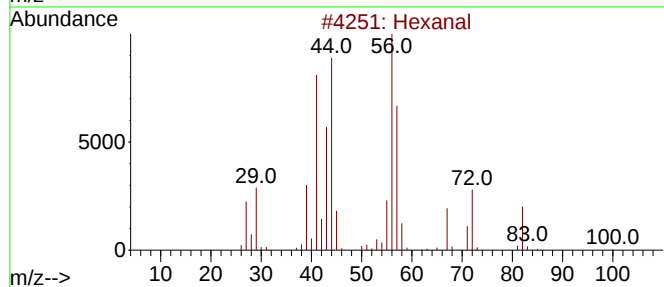
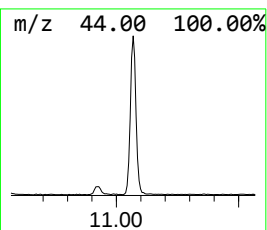
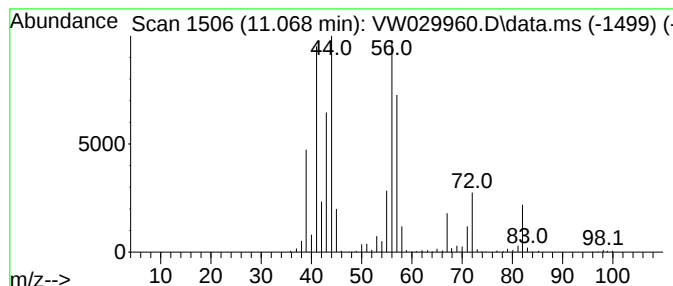
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Quant Title : SFAM01.0

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.
11.069	10.99 ug/L	365537	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	74
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	43



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.404	1.9	ug/L	57980	1	8.843	779862	25.0
Hexanal	11.069	11.0	ug/L	365537	2	11.629	831320	25.0