

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029958.D
 Acq On : 20 Aug 2024 14:57
 Operator : SY/MD
 Sample : P3626-16
 Misc : 5.46g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXX8

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: VW029958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.131	37	40	42	rBV3	544	598	0.02%	0.005%
2	2.161	42	45	46	rBV3	576	609	0.02%	0.005%
3	2.222	53	55	60	rBV4	553	619	0.02%	0.005%
4	2.363	68	78	92	rBV	46307	115232	2.91%	0.931%
5	2.899	158	166	185	rBV	35148	108566	2.74%	0.877%
6	3.259	221	225	227	rBV2	527	649	0.02%	0.005%
7	3.399	241	248	258	rVV3	5981	14935	0.38%	0.121%
8	3.734	299	303	306	rBV4	625	865	0.02%	0.007%
9	3.893	326	329	332	rBV3	469	643	0.02%	0.005%
10	4.021	335	350	361	rBV2	88138	288359	7.28%	2.329%
11	4.923	485	498	509	rBV3	5066	18240	0.46%	0.147%
12	5.118	528	530	534	rVV3	694	1054	0.03%	0.009%
13	5.155	534	536	541	rVV2	616	1196	0.03%	0.010%
14	5.191	541	542	546	rVV3	629	762	0.02%	0.006%
15	5.259	550	553	557	rVV2	505	987	0.02%	0.008%
16	5.502	589	593	596	rVB5	444	604	0.02%	0.005%
17	5.917	658	661	662	rBV3	685	591	0.01%	0.005%
18	6.100	689	691	699	rVV4	495	1305	0.03%	0.011%
19	6.325	724	728	731	rVB5	557	704	0.02%	0.006%
20	6.368	731	735	737	rBV4	481	692	0.02%	0.006%
21	6.484	753	754	759	rVB3	619	821	0.02%	0.007%
22	6.545	759	764	766	rBV2	611	887	0.02%	0.007%
23	6.898	814	822	824	rBV5	1462	3007	0.08%	0.024%
24	7.075	842	851	860	rBV2	20181	61351	1.55%	0.496%
25	7.545	923	928	930	rBV2	515	675	0.02%	0.005%
26	7.648	933	945	956	rBV	154589	384956	9.72%	3.109%
27	7.746	958	961	962	rVB3	684	599	0.02%	0.005%
28	7.959	990	996	998	rBV4	481	696	0.02%	0.006%
29	8.276	1038	1048	1064	rBV2	294228	844330	21.32%	6.819%
30	8.520	1085	1088	1089	rBV3	483	629	0.02%	0.005%
31	8.557	1091	1094	1097	rVB5	1407	1653	0.04%	0.013%
32	8.703	1110	1118	1122	rBV3	3355	7869	0.20%	0.064%
33	8.843	1132	1141	1155	rBV	439174	863010	21.79%	6.970%
34	9.051	1171	1175	1186	rVB7	2792	8050	0.20%	0.065%
35	9.142	1188	1190	1194	rVB3	718	716	0.02%	0.006%
36	9.270	1203	1211	1223	rBV	200366	420029	10.61%	3.392%

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

37	9.410	1229	1234	1241	rVB	13672	26241	0.66%	0.212%
38	9.538	1251	1255	1258	rVB3	536	674	0.02%	0.005%
39	9.752	1289	1290	1297	rVB4	694	976	0.02%	0.008%
40	9.892	1309	1313	1318	rVB5	733	1342	0.03%	0.011%
41	10.032	1328	1336	1346	rBV	97644	183404	4.63%	1.481%
42	10.160	1349	1357	1362	rVB10	1590	4523	0.11%	0.037%
43	10.239	1368	1370	1374	rVB4	574	784	0.02%	0.006%
44	10.325	1374	1384	1391	rBV	395815	695904	17.57%	5.621%
45	10.386	1391	1394	1404	rVB2	6106	12360	0.31%	0.100%
46	10.495	1409	1412	1418	rBV6	1167	2178	0.06%	0.018%
47	10.575	1418	1425	1439	rBV	63799	118413	2.99%	0.956%
48	10.703	1439	1446	1451	rBV2	6968	12063	0.30%	0.097%
49	10.855	1469	1471	1476	rVV5	1017	1323	0.03%	0.011%
50	10.922	1476	1482	1495	rVV	84143	151454	3.82%	1.223%
51	11.068	1499	1506	1521	rVB	190078	311544	7.87%	2.516%
52	11.568	1585	1588	1590	rVV3	898	1063	0.03%	0.009%
53	11.629	1590	1598	1608	rVV	634024	1045648	26.41%	8.445%
54	11.727	1612	1614	1620	rVB7	2224	2783	0.07%	0.022%
55	11.837	1626	1632	1642	rVB10	3485	10847	0.27%	0.088%
56	11.946	1646	1650	1651	rBV4	467	598	0.02%	0.005%
57	12.013	1657	1661	1666	rBV2	4481	7332	0.19%	0.059%
58	12.105	1672	1676	1677	rBV4	611	873	0.02%	0.007%
59	12.172	1683	1687	1693	rVB8	1364	3249	0.08%	0.026%
60	12.361	1707	1718	1725	rBV3	20672	47252	1.19%	0.382%
61	12.471	1727	1736	1747	rBV	2416652	3959780	100.00%	31.981%
62	12.599	1752	1757	1764	rVB2	10753	20004	0.51%	0.162%
63	12.690	1764	1772	1775	rBV	169573	329532	8.32%	2.661%
64	12.867	1798	1801	1804	rBV3	957	1320	0.03%	0.011%
65	12.952	1809	1815	1820	rVB2	15434	24145	0.61%	0.195%
66	13.025	1820	1827	1834	rBV2	84118	148076	3.74%	1.196%
67	13.099	1834	1839	1843	rBV8	1828	2993	0.08%	0.024%
68	13.153	1843	1848	1853	rBV2	15870	25774	0.65%	0.208%
69	13.208	1853	1857	1859	rBV4	3745	5199	0.13%	0.042%
70	13.269	1860	1867	1877	rVB	49157	89308	2.26%	0.721%
71	13.355	1877	1881	1884	rBV4	6949	11575	0.29%	0.093%
72	13.391	1884	1887	1893	rVB5	7897	13702	0.35%	0.111%
73	13.464	1893	1899	1907	rBV2	102780	180379	4.56%	1.457%
74	13.556	1907	1914	1922	rBV	600380	972978	24.57%	7.858%
75	13.708	1936	1939	1943	rVB4	3883	5565	0.14%	0.045%
76	13.848	1955	1962	1975	rVB	335547	552884	13.96%	4.465%

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 Title : SFAM01.0

77	13.995	1980	1986	1992	rVV	66827	106105	2.68%	0.857%
78	14.062	1992	1997	2005	rVV4	9638	21512	0.54%	0.174%
79	14.147	2006	2011	2016	rVB5	4199	7390	0.19%	0.060%
80	14.318	2034	2039	2047	rVB4	9086	14984	0.38%	0.121%
81	14.440	2057	2059	2062	rVB3	571	710	0.02%	0.006%
82	14.519	2066	2072	2076	rBV6	1284	1955	0.05%	0.016%
83	14.623	2084	2089	2093	rVB6	1317	2206	0.06%	0.018%
84	14.684	2093	2099	2113	rBV5	9806	20186	0.51%	0.163%
85	14.781	2113	2115	2118	rVB4	639	728	0.02%	0.006%
86	14.842	2121	2125	2130	rVV7	1489	2780	0.07%	0.022%
87	14.952	2141	2143	2145	rVB3	788	652	0.02%	0.005%
88	15.019	2151	2154	2159	rVB4	1497	2252	0.06%	0.018%
89	15.116	2164	2170	2175	rBV5	5173	10470	0.26%	0.085%
90	15.196	2175	2183	2187	rBV6	3111	8217	0.21%	0.066%
91	15.245	2187	2191	2197	rVB4	9278	15628	0.39%	0.126%
92	15.440	2219	2223	2225	rBV4	1279	1441	0.04%	0.012%
93	15.549	2237	2241	2244	rVB5	1380	1921	0.05%	0.016%
94	15.781	2277	2279	2282	rVB4	649	681	0.02%	0.006%
95	15.842	2284	2289	2295	rBV5	2161	4712	0.12%	0.038%
96	15.958	2305	2308	2312	rVB6	857	1039	0.03%	0.008%
97	16.031	2314	2320	2327	rVV6	5697	11346	0.29%	0.092%
98	16.604	2412	2414	2419	rBV4	637	665	0.02%	0.005%
99	16.708	2428	2431	2434	rBV4	493	677	0.02%	0.005%
100	16.769	2438	2441	2442	rBV2	622	705	0.02%	0.006%

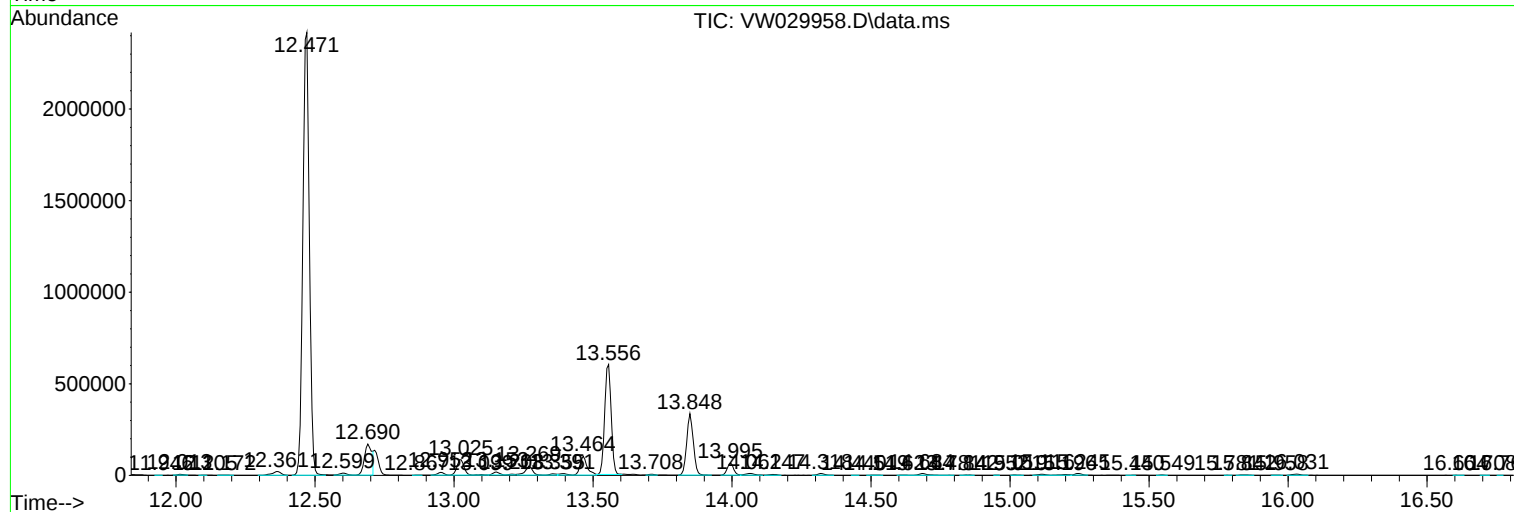
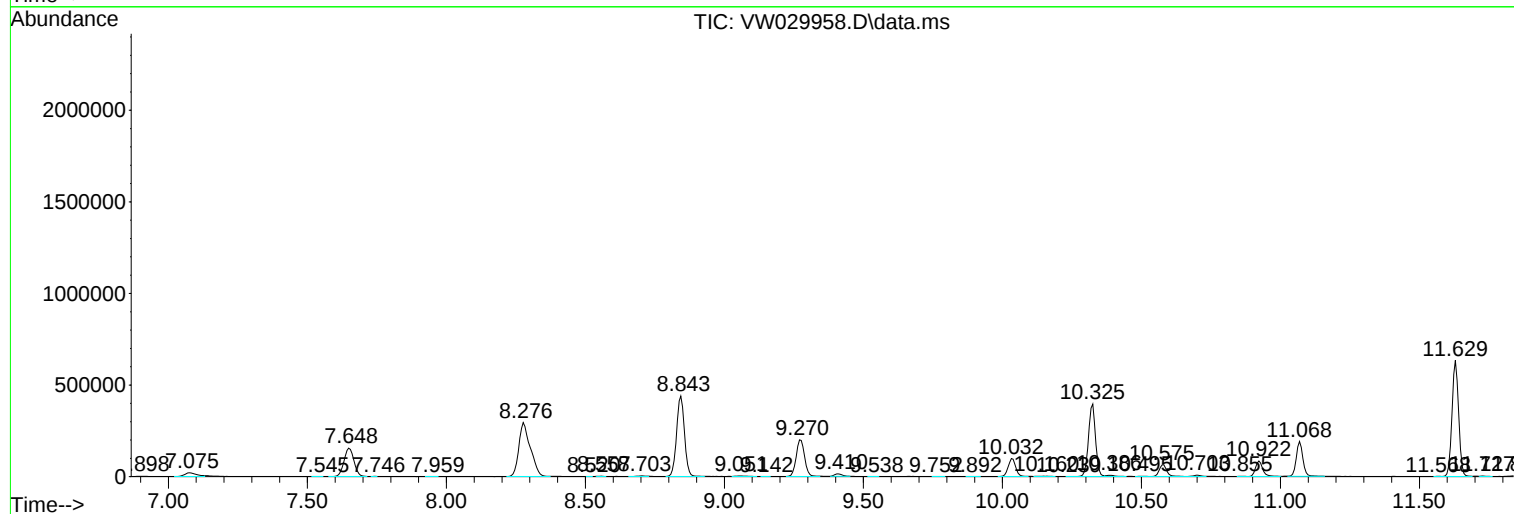
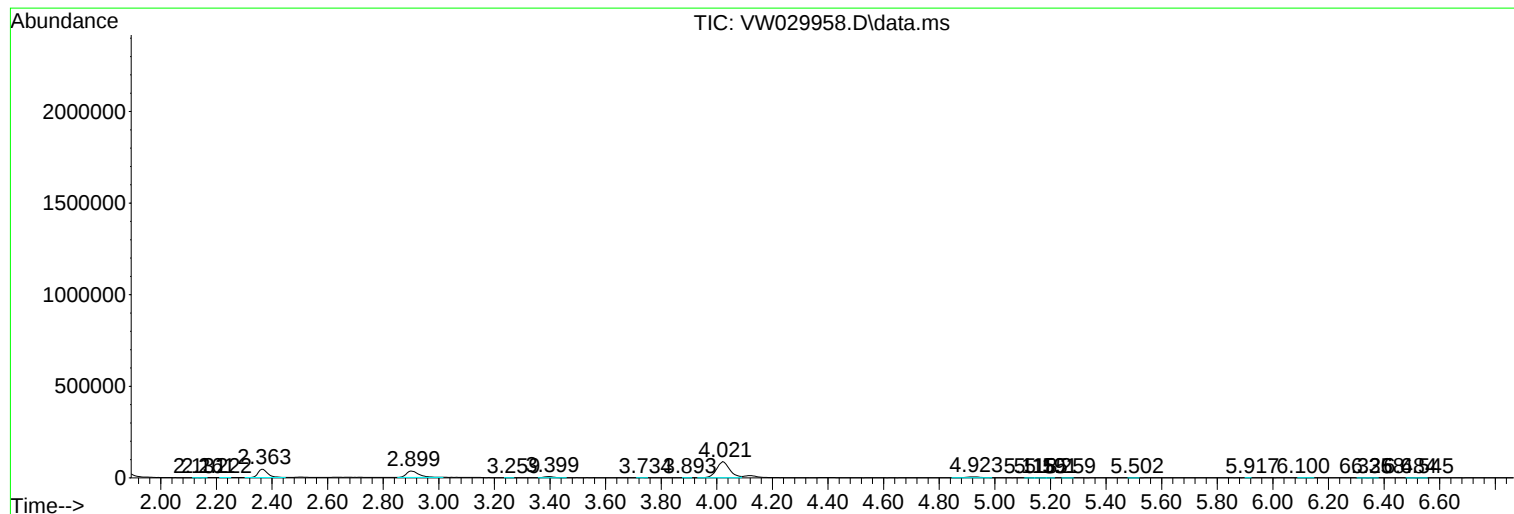
Sum of corrected areas: 12381492

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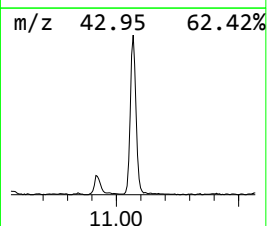
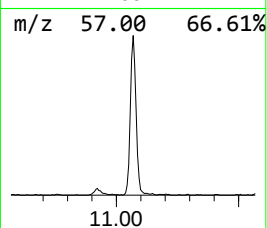
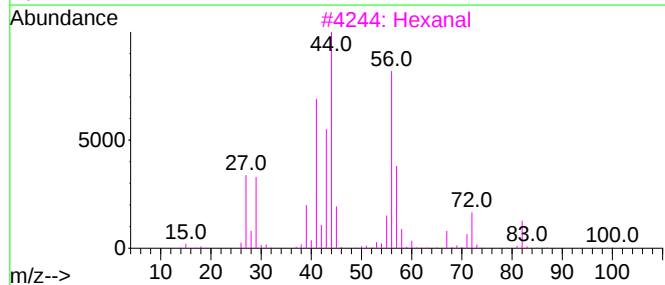
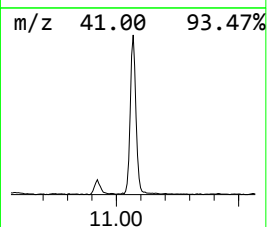
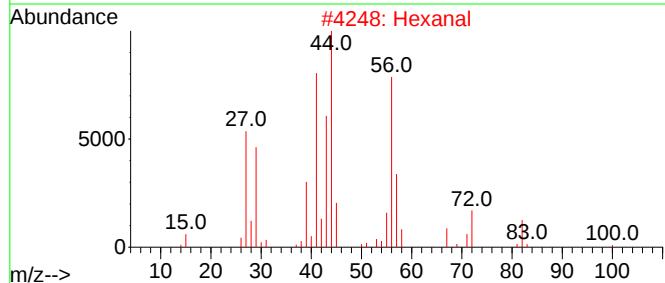
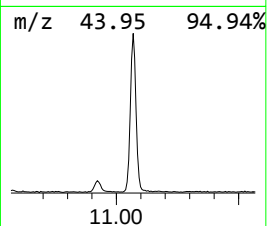
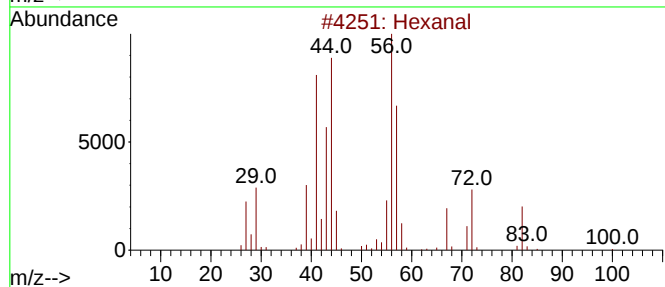
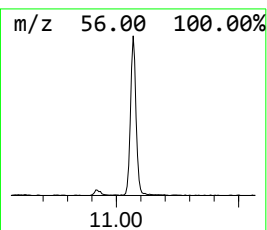
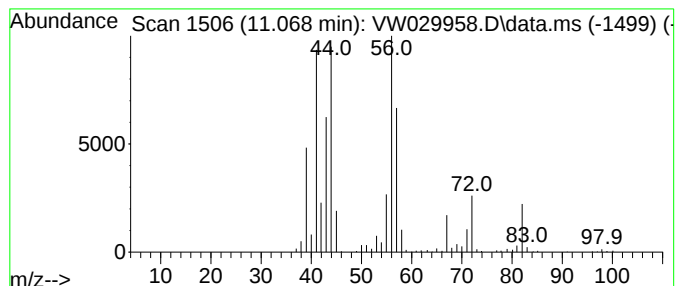
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	7.45 ug/L	311544	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	74
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	50



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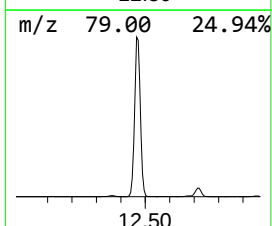
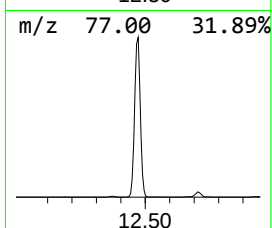
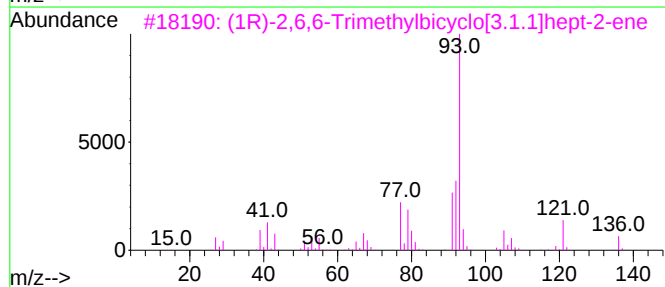
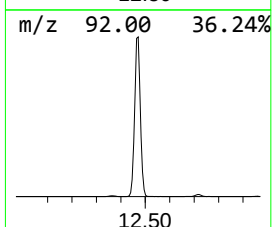
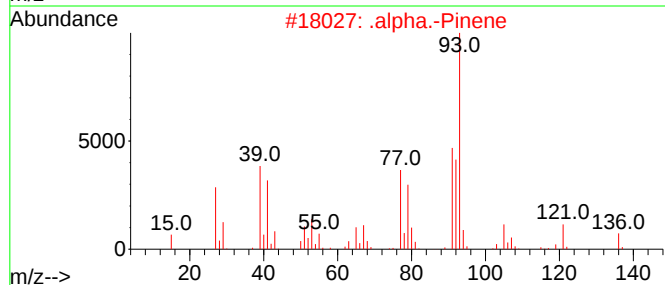
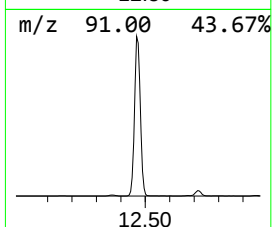
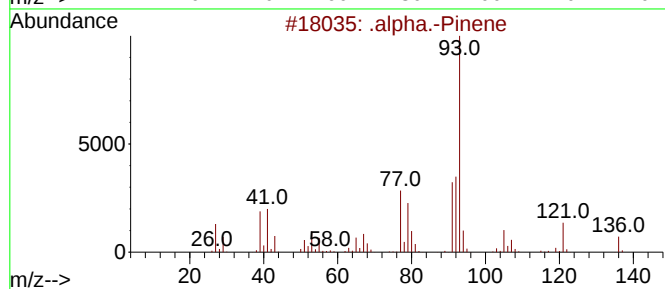
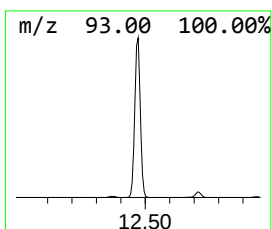
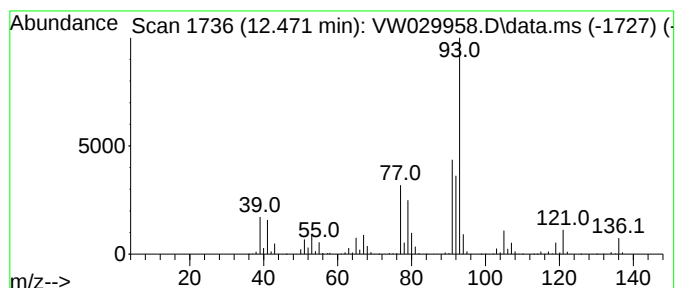
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Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.471	94.67 ug/L	3959780	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91



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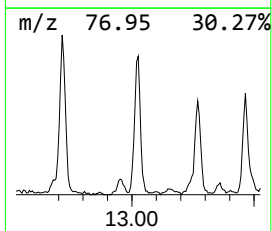
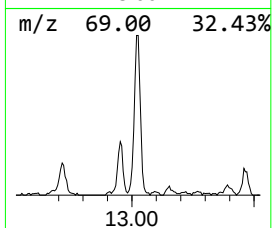
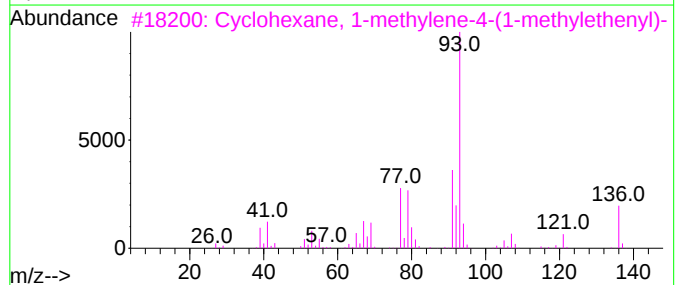
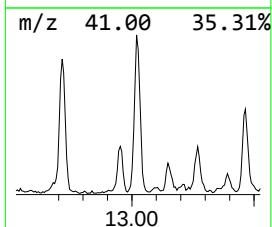
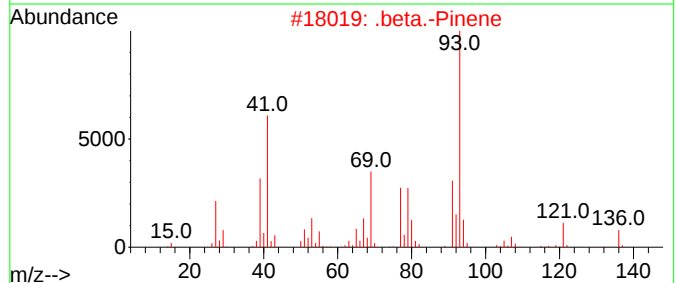
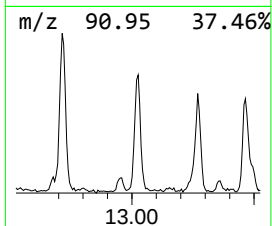
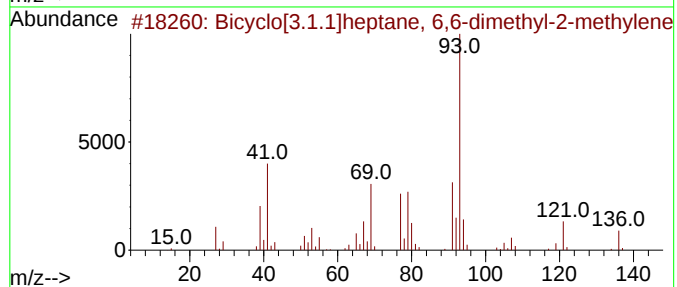
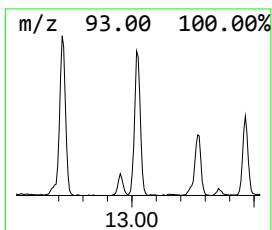
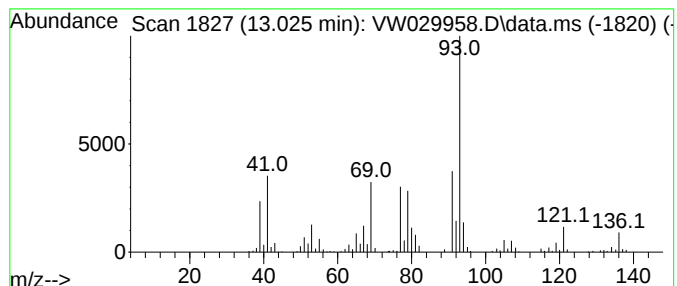
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Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	3.80 ug/L	148076	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2			.beta.-Pinene	136	C10H16	000127-91-3	96
3			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	91
4			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029958.D
Acq On : 20 Aug 2024 14:57
Operator : SY/MD
Sample : P3626-16
Misc : 5.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX8

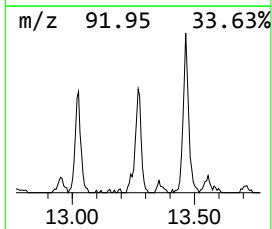
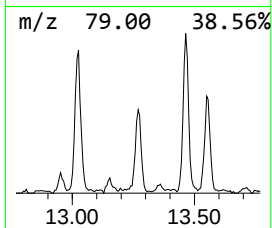
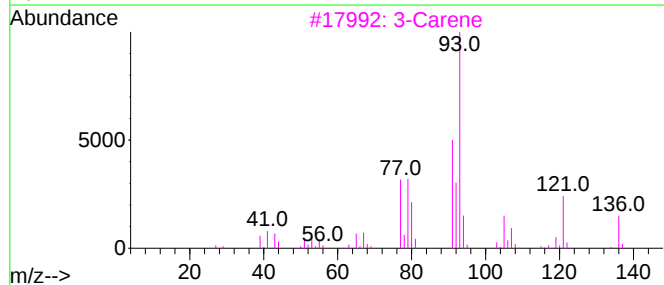
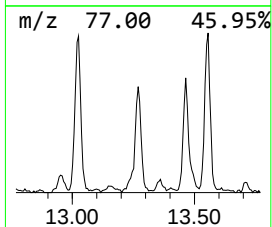
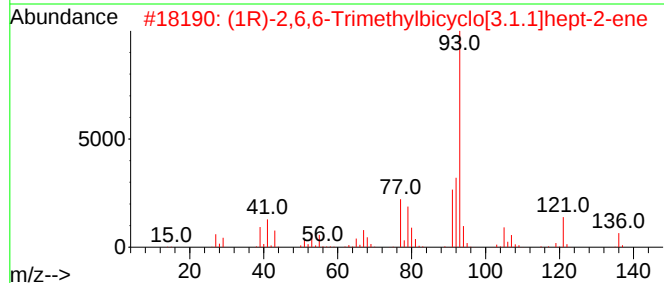
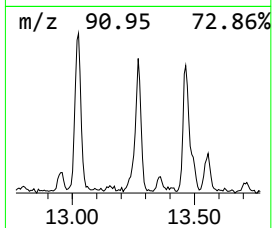
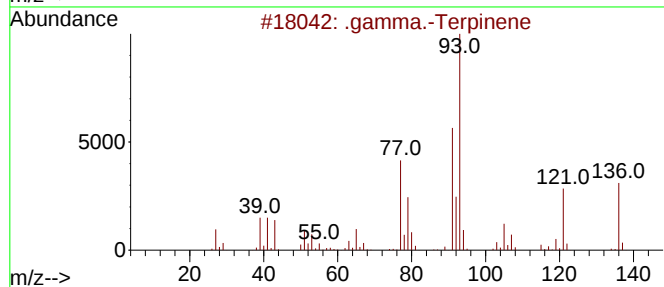
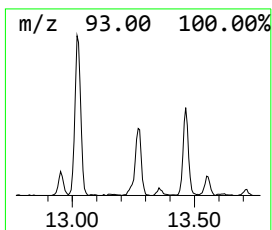
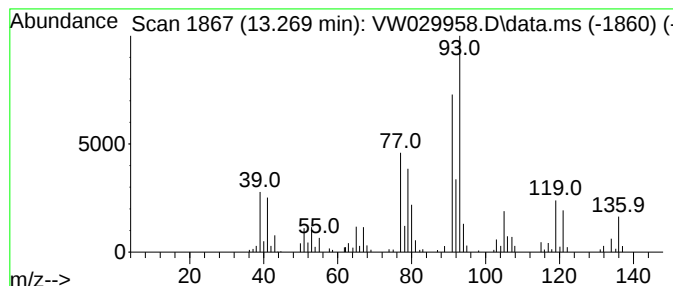
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Quant Title : SFAM01.0

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

Peak Number 5 .gamma.-Terpinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.29 ug/L	89308	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Terpinene	136	C10H16	000099-85-4	93
2			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	90
3			3-Carene	136	C10H16	013466-78-9	90
4			Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	87
5			.gamma.-Terpinene	136	C10H16	000099-85-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029958.D
Acq On : 20 Aug 2024 14:57
Operator : SY/MD
Sample : P3626-16
Misc : 5.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX8

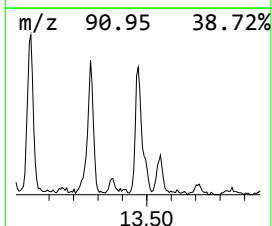
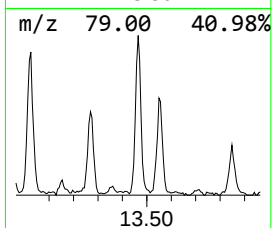
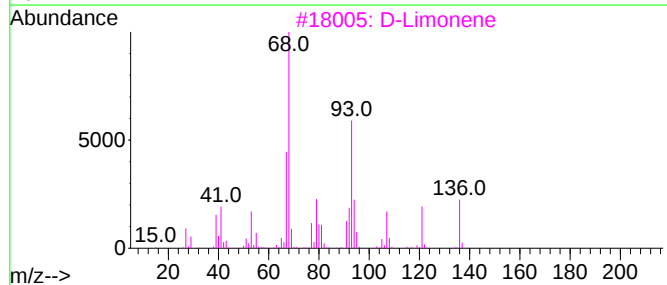
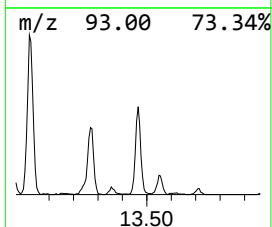
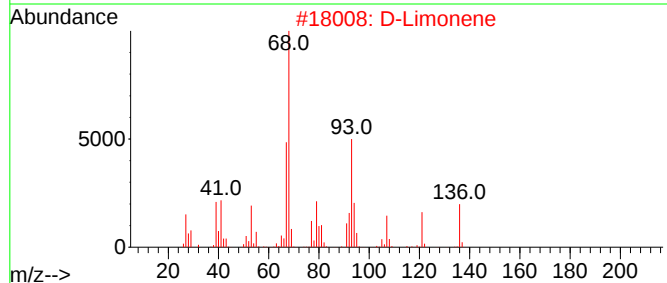
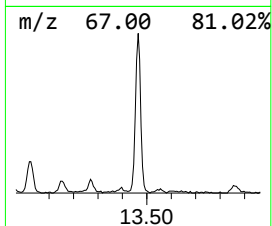
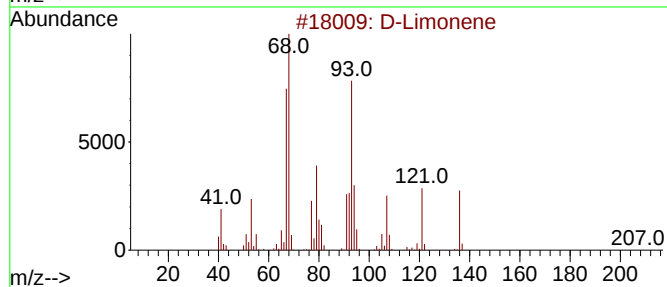
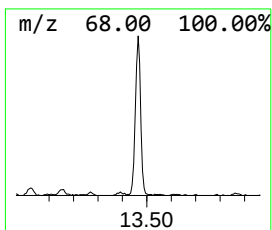
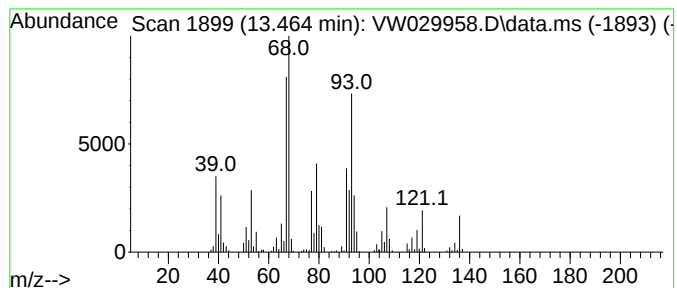
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	4.63 ug/L	180379	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	98
2	D-Limonene			136	C10H16	005989-27-5	93
3	D-Limonene			136	C10H16	005989-27-5	93
4	Limonene			136	C10H16	000138-86-3	86
5	D-Limonene			136	C10H16	005989-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029958.D
Acq On : 20 Aug 2024 14:57
Operator : SY/MD
Sample : P3626-16
Misc : 5.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX8

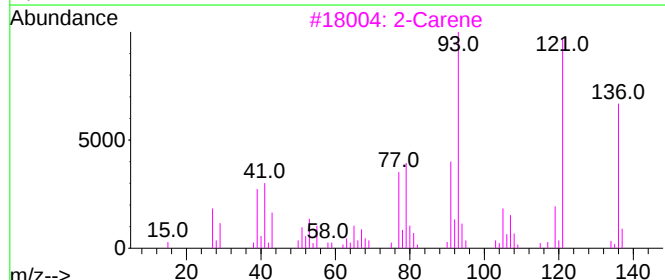
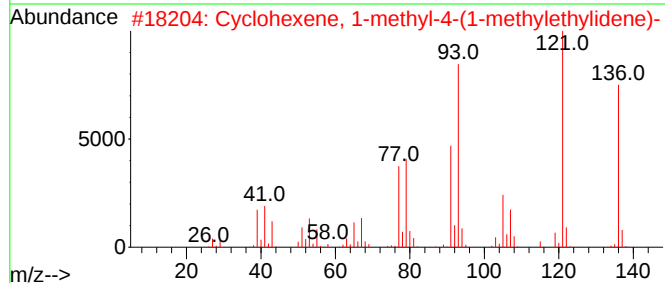
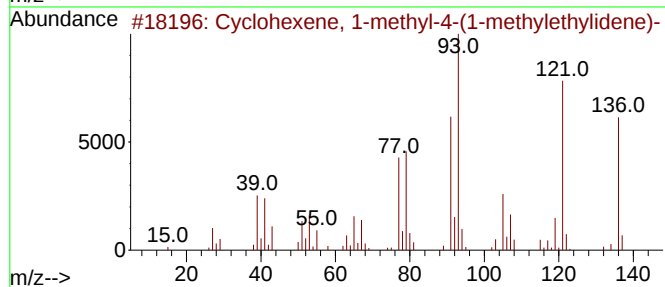
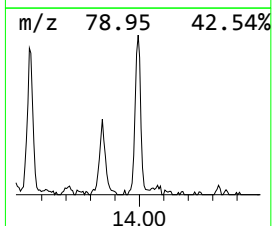
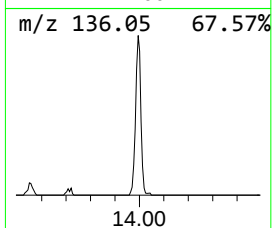
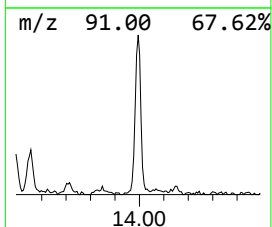
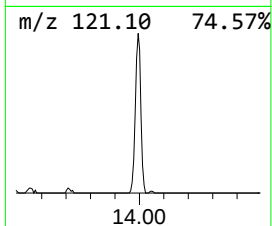
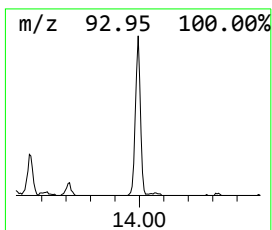
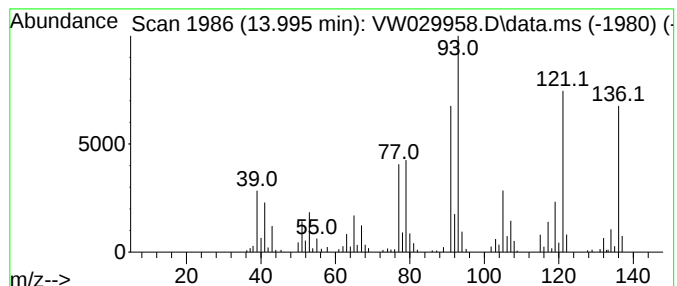
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Quant Title : SFAM01.0

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

Peak Number 7 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.995	2.73 ug/L	106105	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	94
3			2-Carene	136	C10H16	000554-61-0	94
4			(+)-4-Carene	136	C10H16	029050-33-7	93
5			2-Carene	136	C10H16	000554-61-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029958.D
Acq On : 20 Aug 2024 14:57
Operator : SY/MD
Sample : P3626-16
Misc : 5.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
Hexanal	11.068	7.5	ug/L	311544	2	11.629	1045650	25.0
.alpha.-Pinene	12.471	94.7	ug/L	3959780	2	11.629	1045650	25.0
Bicyclo[3.1.1]h...	13.025	3.8	ug/L	148076	3	13.556	972978	25.0
.gamma.-Terpinene	13.269	2.3	ug/L	89308	3	13.556	972978	25.0
D-Limonene	13.464	4.6	ug/L	180379	3	13.556	972978	25.0
Cyclohexene, 1-...	13.995	2.7	ug/L	106105	3	13.556	972978	25.0