

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026972.D
 Acq On : 31 Aug 2023 13:05
 Operator : SY/MD
 Sample : 04235-11
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYW8

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026972.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	10	12	13	rBV2	2999	1844	0.16%	0.034%
2	2.143	38	42	43	rBV4	3100	3977	0.36%	0.074%
3	2.241	50	58	59	rBV8	15807	37036	3.31%	0.692%
4	2.887	160	164	172	rVB	15844	30412	2.72%	0.568%
5	2.991	179	181	183	rBV3	2489	2515	0.22%	0.047%
6	3.033	187	188	191	rBV3	2928	3114	0.28%	0.058%
7	3.137	200	205	208	rBV7	2791	4989	0.45%	0.093%
8	3.180	210	212	214	rVB3	2110	1720	0.15%	0.032%
9	3.216	214	218	222	rBV7	2209	3253	0.29%	0.061%
10	3.405	246	249	251	rBV4	2643	3263	0.29%	0.061%
11	3.472	258	260	261	rBV2	1766	1435	0.13%	0.027%
12	3.606	280	282	283	rVV2	2466	1515	0.14%	0.028%
13	3.637	283	287	291	rVB7	2286	3619	0.32%	0.068%
14	3.674	291	293	295	rVB3	2554	2260	0.20%	0.042%
15	3.704	295	298	299	rBV3	2415	2610	0.23%	0.049%
16	3.734	301	303	305	rVB3	2699	2445	0.22%	0.046%
17	3.771	305	309	314	rBV8	2372	5192	0.46%	0.097%
18	3.893	327	329	331	rBV3	2015	1869	0.17%	0.035%
19	3.936	334	336	339	rVB4	2749	3381	0.30%	0.063%
20	3.960	339	340	342	rBV2	2747	2442	0.22%	0.046%
21	4.021	342	350	359	rBV2	21278	56261	5.03%	1.051%
22	4.112	362	365	367	rBV4	2624	2492	0.22%	0.047%
23	4.143	367	370	373	rBV5	2310	2960	0.26%	0.055%
24	4.216	380	382	384	rBV2	2603	2471	0.22%	0.046%
25	4.240	384	386	389	rVB4	1916	2215	0.20%	0.041%
26	4.289	389	394	396	rBV6	2839	3446	0.31%	0.064%
27	4.320	396	399	401	rVB4	2131	1864	0.17%	0.035%
28	4.411	407	414	416	rBV7	1886	3624	0.32%	0.068%
29	4.618	445	448	451	rVB5	1642	2360	0.21%	0.044%
30	4.679	451	458	459	rBV6	1842	3639	0.33%	0.068%
31	4.923	487	498	505	rBV3	8976	33637	3.00%	0.628%
32	5.143	533	534	539	rVV5	1359	1724	0.15%	0.032%
33	5.295	557	559	562	rVB4	2185	2588	0.23%	0.048%
34	5.435	576	582	584	rBV7	2926	4745	0.42%	0.089%
35	5.551	598	601	605	rVV6	1488	1822	0.16%	0.034%
36	5.582	605	606	611	rVB4	2086	2480	0.22%	0.046%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
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37	5.624	611	613	617	rBV5	1342	1933	0.17%	0.036%
38	5.667	617	620	623	rBV5	1412	1980	0.18%	0.037%
39	5.710	626	627	630	rVB3	2651	1794	0.16%	0.034%
40	5.777	636	638	644	rVB7	2035	2729	0.24%	0.051%
41	5.826	644	646	648	rBV3	1985	1856	0.17%	0.035%
42	5.929	658	663	665	rBV6	3358	5171	0.46%	0.097%
43	5.954	665	667	671	rVB5	4208	4924	0.44%	0.092%
44	6.045	681	682	684	rBV2	2026	1823	0.16%	0.034%
45	6.088	687	689	690	rVV2	2103	1412	0.13%	0.026%
46	6.228	710	712	714	rBV2	1577	1597	0.14%	0.030%
47	6.325	726	728	731	rVB4	1874	1556	0.14%	0.029%
48	6.380	734	737	738	rBV3	2295	2399	0.21%	0.045%
49	6.460	747	750	752	rVB3	2205	2231	0.20%	0.042%
50	6.557	763	766	767	rVV3	1653	1571	0.14%	0.029%
51	6.582	767	770	772	rVV4	1761	1984	0.18%	0.037%
52	6.673	782	785	787	rVB4	1815	2126	0.19%	0.040%
53	6.691	787	788	790	rBV2	1936	1848	0.17%	0.035%
54	6.716	790	792	795	rVB3	1604	1619	0.14%	0.030%
55	6.758	795	799	800	rBV3	1515	1628	0.15%	0.030%
56	6.807	805	807	809	rVB3	2473	1486	0.13%	0.028%
57	6.990	834	837	842	rVB7	2212	3286	0.29%	0.061%
58	7.063	846	849	850	rBV2	2239	2079	0.19%	0.039%
59	7.118	851	858	860	rBV7	8280	16840	1.50%	0.314%
60	7.252	878	880	884	rVB5	1640	2026	0.18%	0.038%
61	7.466	912	915	918	rVB5	1060	1537	0.14%	0.029%
62	7.557	927	930	932	rVB4	1853	2153	0.19%	0.040%
63	7.587	932	935	939	rBV6	1187	2089	0.19%	0.039%
64	7.679	939	950	957	rBV	40113	101691	9.08%	1.899%
65	7.880	981	983	985	rVB2	2872	2287	0.20%	0.043%
66	7.917	985	989	991	rBV5	2754	3693	0.33%	0.069%
67	8.008	1000	1004	1007	rBV6	1135	1933	0.17%	0.036%
68	8.136	1024	1025	1027	rVV2	1678	1509	0.13%	0.028%
69	8.185	1031	1033	1035	rVV3	2714	2057	0.18%	0.038%
70	8.276	1041	1048	1065	rVB3	65736	206454	18.44%	3.855%
71	8.453	1074	1077	1080	rBV5	1393	1857	0.17%	0.035%
72	8.557	1092	1094	1096	rVB3	1793	1920	0.17%	0.036%
73	8.581	1096	1098	1101	rBV4	1289	1592	0.14%	0.030%
74	8.679	1111	1114	1118	rVB6	1781	2721	0.24%	0.051%
75	8.728	1118	1122	1124	rBV5	2567	2962	0.26%	0.055%
76	8.843	1133	1141	1149	rBV	68848	144651	12.92%	2.701%

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77	8.984	1162	1164	1168	rBV4	2058	3249	0.29%	0.061%
78	9.087	1173	1181	1189	rVV3	38775	95380	8.52%	1.781%
79	9.276	1204	1212	1222	rVB	48546	102741	9.18%	1.919%
80	9.618	1266	1268	1271	rBV4	1898	1696	0.15%	0.032%
81	9.648	1271	1273	1274	rBV2	2341	1472	0.13%	0.027%
82	9.666	1274	1276	1278	rVV3	1968	1843	0.16%	0.034%
83	9.697	1279	1281	1285	rVB5	3189	3375	0.30%	0.063%
84	9.989	1327	1329	1332	rBV4	2177	2553	0.23%	0.048%
85	10.038	1332	1337	1342	rVV2	19190	36007	3.22%	0.672%
86	10.093	1344	1346	1349	rVB4	3085	2514	0.22%	0.047%
87	10.325	1378	1384	1391	rBV	58612	105524	9.43%	1.971%
88	10.386	1392	1394	1398	rVB5	4009	3905	0.35%	0.073%
89	10.581	1422	1426	1432	rVB	11664	18737	1.67%	0.350%
90	10.861	1466	1472	1479	rBV2	54308	101581	9.07%	1.897%
91	10.941	1481	1485	1492	rVV8	10753	27963	2.50%	0.522%
92	11.629	1593	1598	1605	rBV	70127	122012	10.90%	2.278%
93	13.550	1910	1913	1921	rVB4	44815	83163	7.43%	1.553%
94	13.867	1960	1965	1970	rBV2	219849	353796	31.60%	6.607%
95	14.422	2054	2056	2059	rBV3	61653	66202	5.91%	1.236%
96	14.495	2064	2068	2071	rBV2	79478	113014	10.10%	2.110%
97	14.714	2100	2104	2112	rBV	764094	1119436	100.00%	20.904%
98	14.830	2119	2123	2130	rVB	350369	585400	52.29%	10.932%
99	15.318	2198	2203	2209	rBV2	329143	535425	47.83%	9.998%
100	15.543	2235	2240	2249	rBV	676901	1071844	95.75%	20.016%

Sum of corrected areas: 5355055

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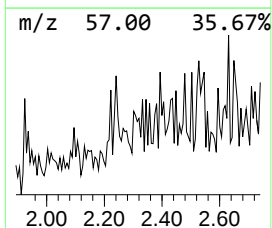
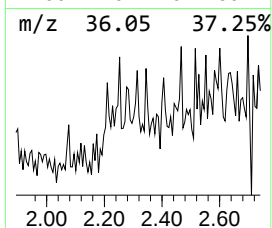
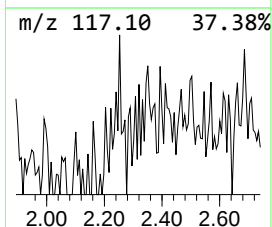
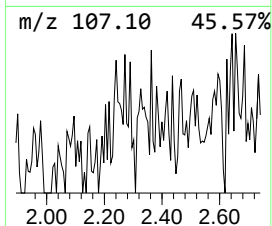
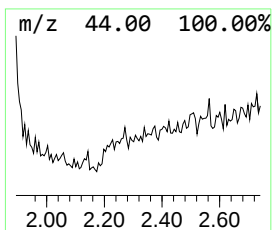
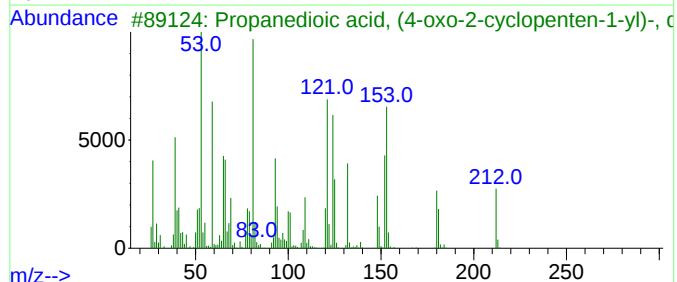
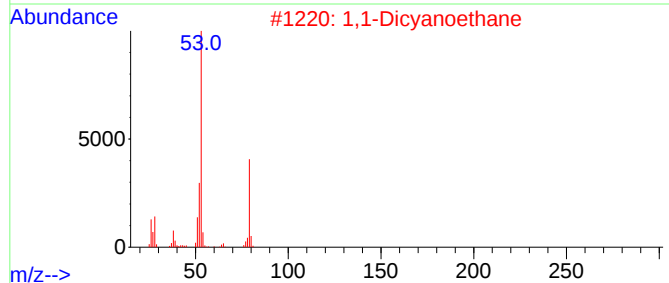
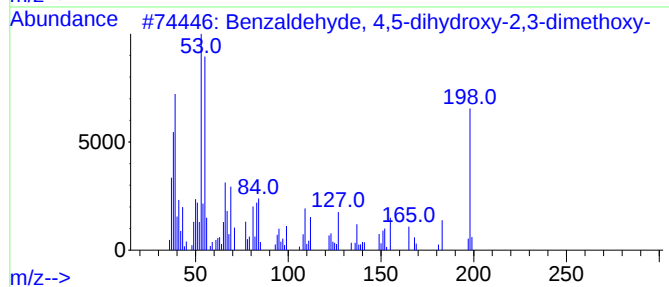
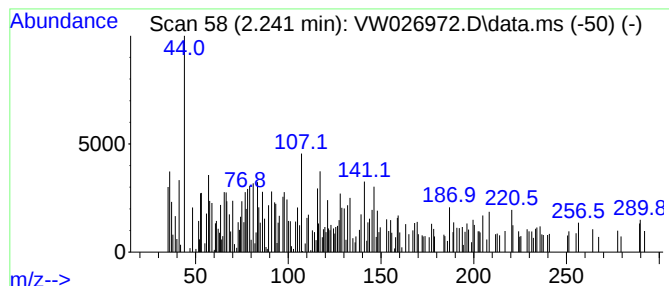
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.241	6.40 ug/L	37036	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 4,5-dihydroxy-2,3-...	198	C9H10O5	1000362-67-8	32
2			1,1-Dicyanoethane	80	C4H4N2	003696-36-4	25
3			Propanedioic acid, (4-oxo-2-cycl...	212	C10H12O5	110027-73-1	25
4			2-Butynedioic acid	114	C4H2O4	000142-45-0	25
5			1,3-Butadiene-1-carboxylic acid	98	C5H6O2	000626-99-3	22



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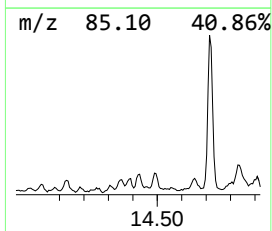
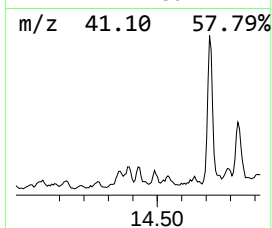
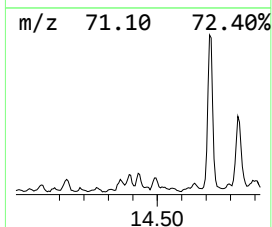
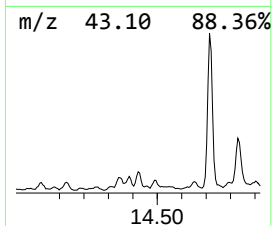
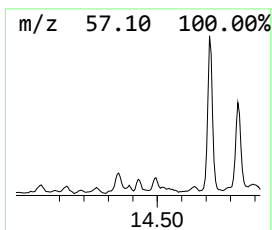
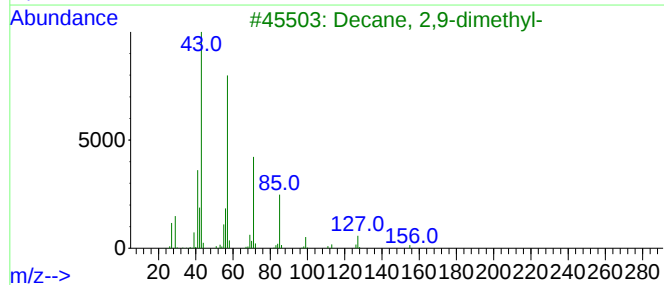
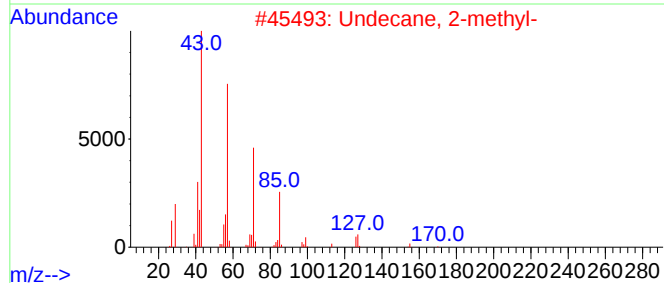
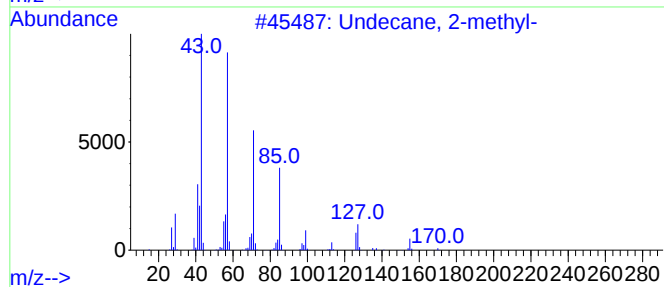
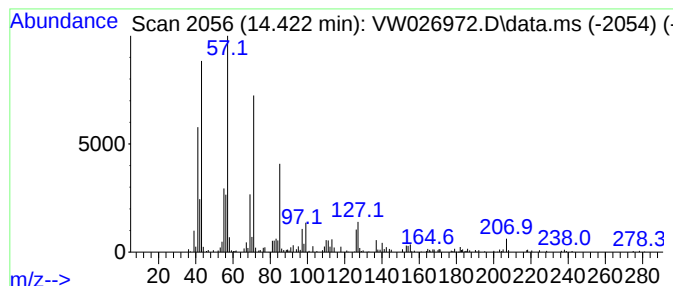
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	19.90 ug/L	66202	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	87
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59



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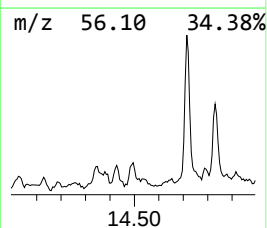
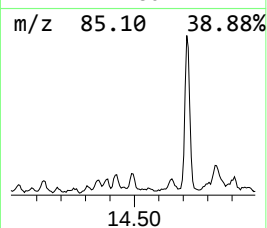
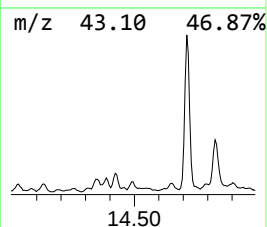
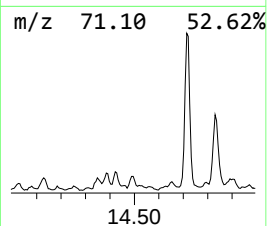
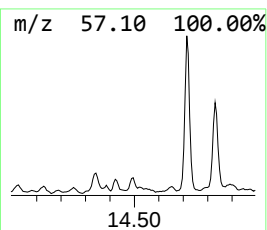
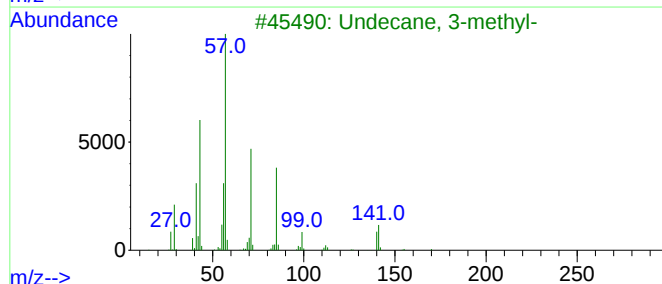
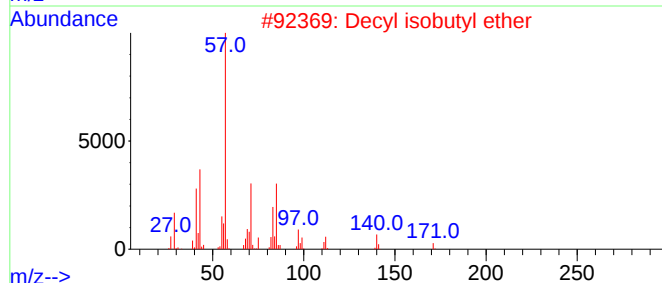
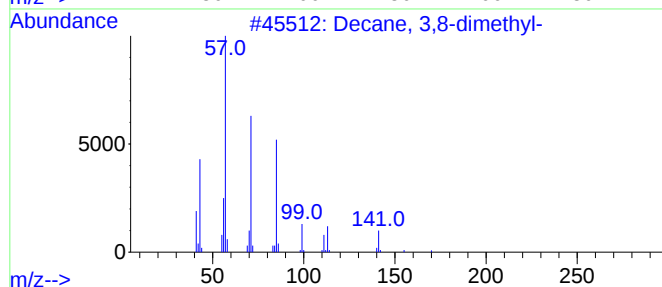
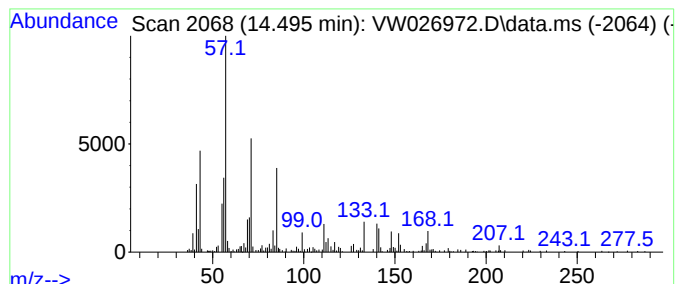
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	33.97 ug/L	113014	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
2			Decyl isobutyl ether	214	C14H30O	1010406-32-5	59
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	50



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EZYW8

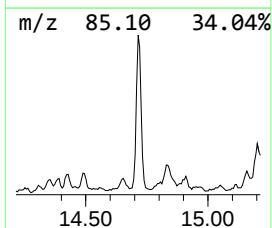
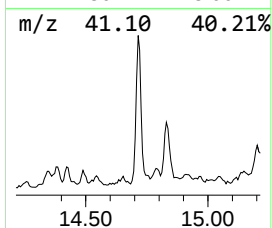
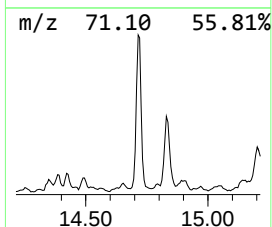
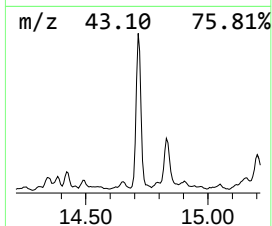
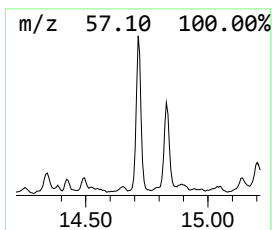
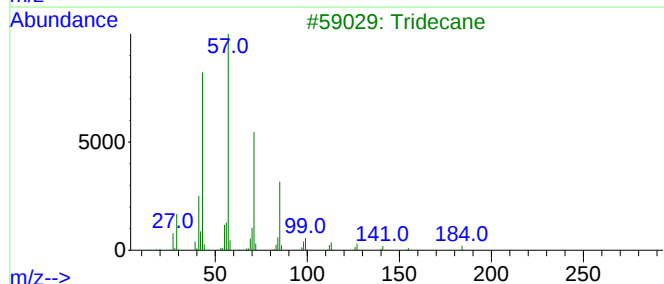
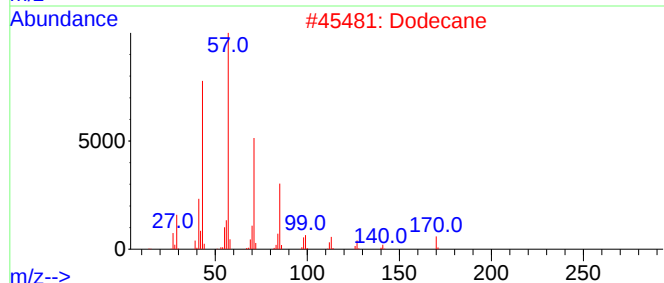
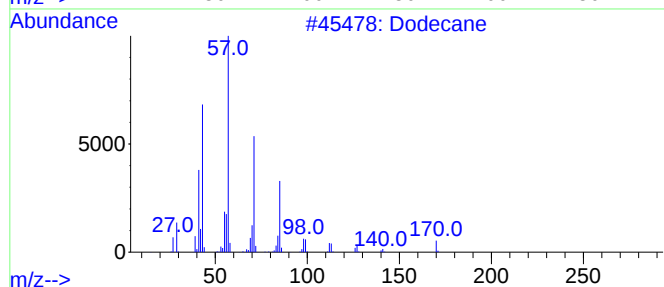
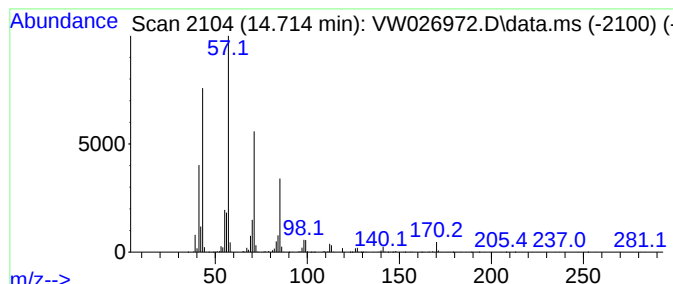
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	336.52 ug/L	1119440	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Dodecane	170	C12H26	000112-40-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Undecane	156	C11H24	001120-21-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026972.D
Acq On : 31 Aug 2023 13:05
Operator : SY/MD
Sample : 04235-11
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW8

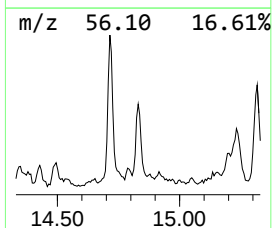
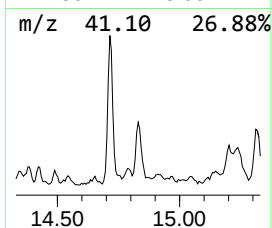
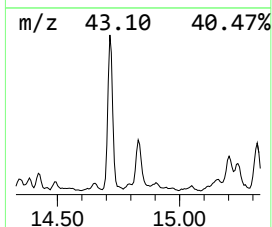
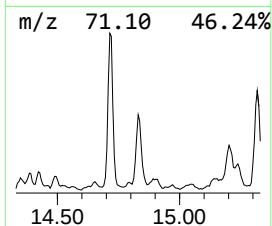
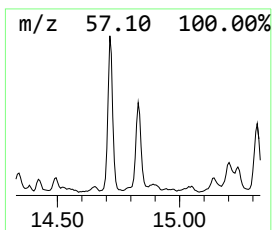
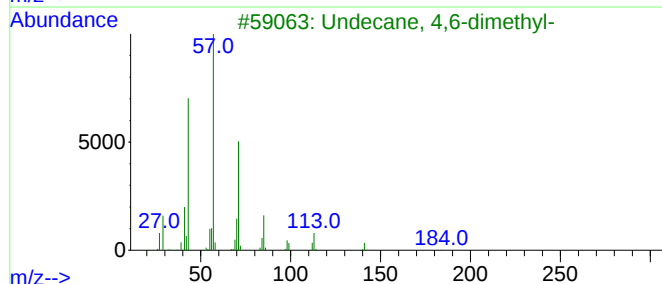
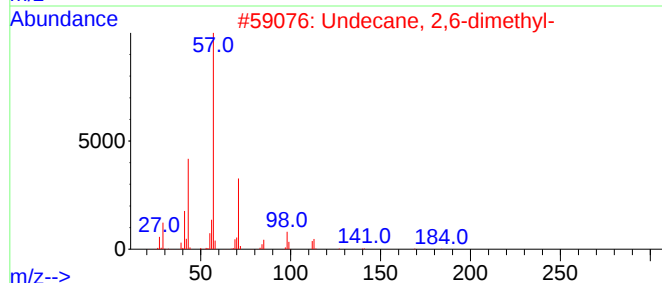
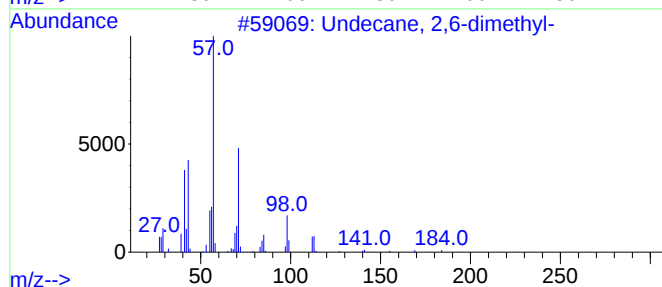
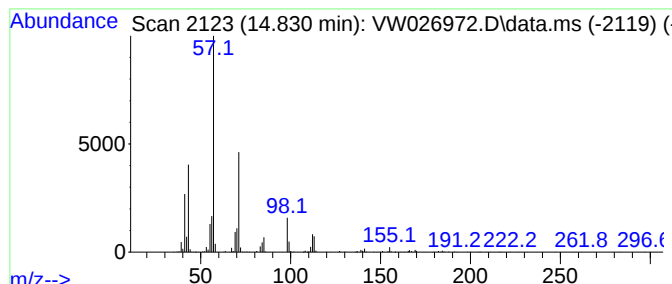
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	175.98 ug/L	585400	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026972.D
Acq On : 31 Aug 2023 13:05
Operator : SY/MD
Sample : 04235-11
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW8

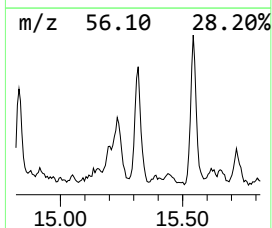
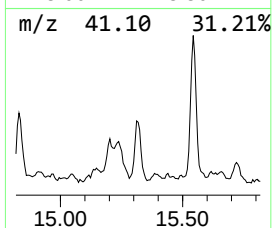
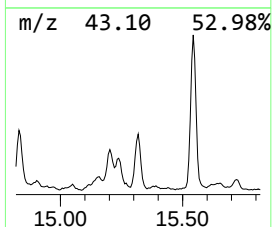
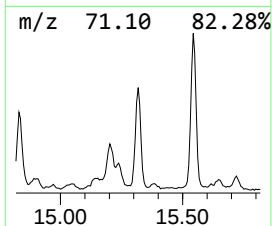
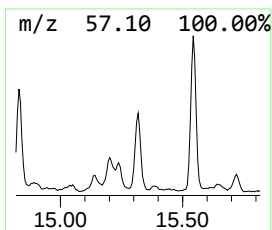
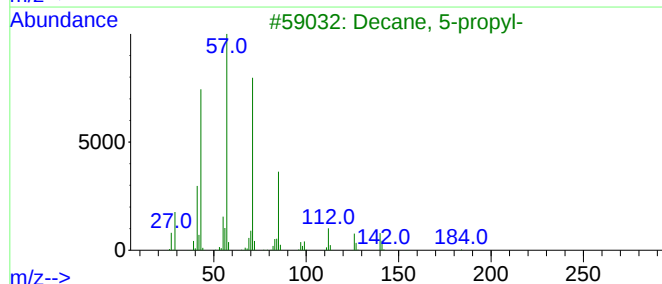
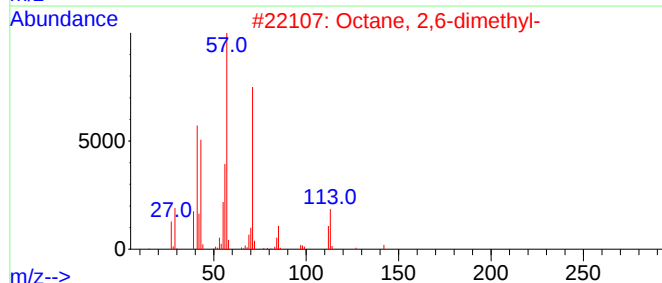
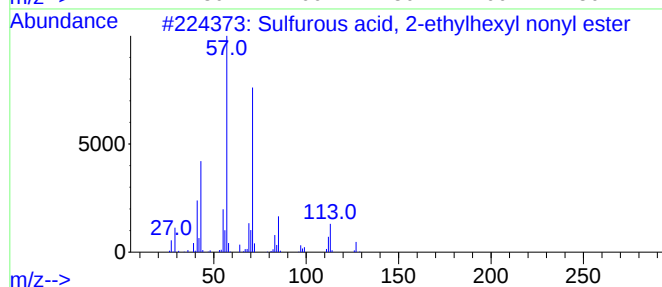
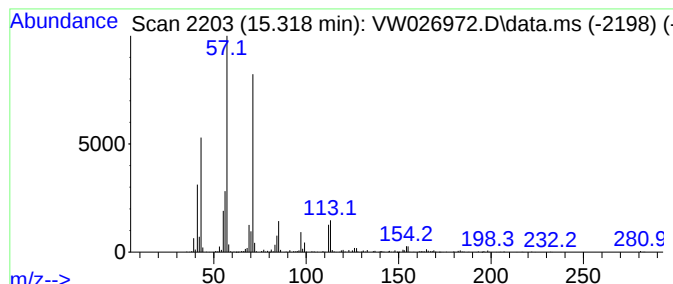
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Quant Title : SFAM01.0

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

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	160.96 ug/L	535425	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Decane, 5-propyl-	184	C13H28	017312-62-8	64
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026972.D
Acq On : 31 Aug 2023 13:05
Operator : SY/MD
Sample : 04235-11
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW8

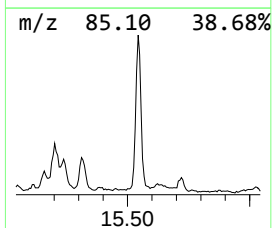
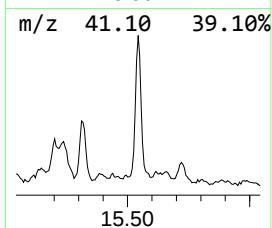
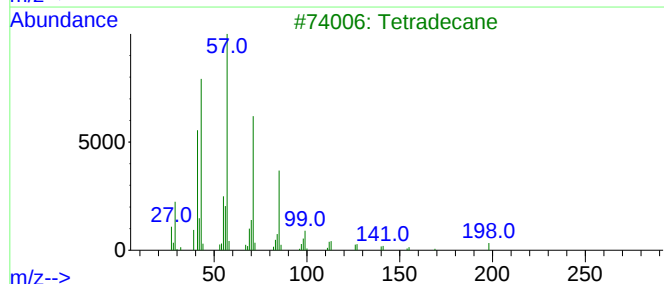
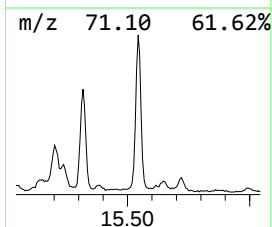
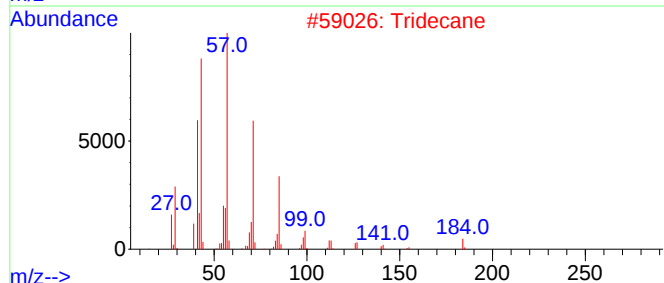
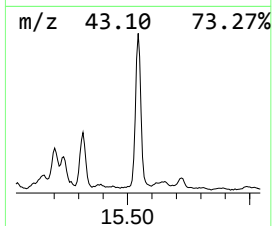
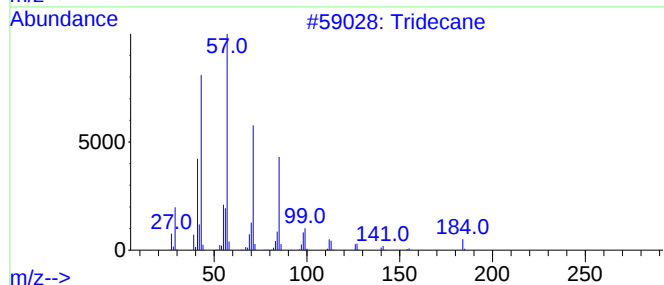
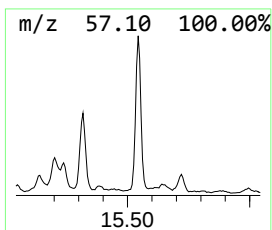
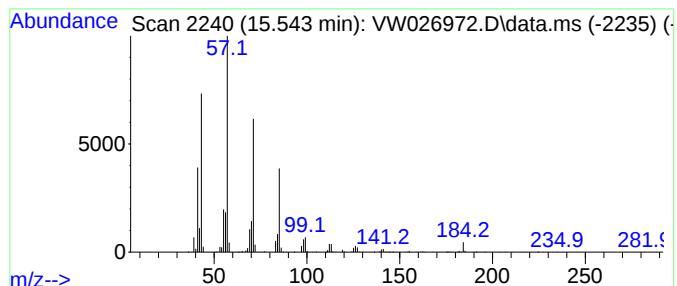
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	322.21 ug/L	1071840	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	93
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
Data File : VW026972.D
Acq On : 31 Aug 2023 13:05
Operator : SY/MD
Sample : 04235-11
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYW8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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
unknown-01	2.241	6.4	ug/L	37036	1	8.843	144651	25.0
(DEL) Alkane: S...	14.422	19.9	ug/L	66202	3	13.556	83163	25.0
(DEL) Alkane: S...	14.495	34.0	ug/L	113014	3	13.556	83163	25.0
(DEL) Alkane: S...	14.714	336.5	ug/L	1119440	3	13.556	83163	25.0
(DEL) Alkane: S...	14.830	176.0	ug/L	585400	3	13.556	83163	25.0
Sulfurous acid,...	15.318	161.0	ug/L	535425	3	13.556	83163	25.0
(DEL) Alkane: S...	15.543	322.2	ug/L	1071840	3	13.556	83163	25.0