

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026381.D
 Acq On : 28 Jun 2023 02:49
 Operator : SY/MD
 Sample : 03420-21
 Misc : 5.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46K5

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026381.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	93	rVB	179920	424232	4.91%	0.903%
2	2.899	158	166	182	rBV	150047	413285	4.78%	0.879%
3	3.356	237	241	242	rBV4	1819	2501	0.03%	0.005%
4	3.387	242	246	250	rVV7	2624	6097	0.07%	0.013%
5	3.478	259	261	264	rVB4	1681	1741	0.02%	0.004%
6	3.509	264	266	267	rBV2	2126	1829	0.02%	0.004%
7	3.710	296	299	300	rBV3	2270	2151	0.02%	0.005%
8	4.021	339	350	360	rBV	338153	1063398	12.31%	2.262%
9	4.112	360	365	379	rVB	133118	364022	4.21%	0.774%
10	4.387	403	410	411	rBV2	11051	20358	0.24%	0.043%
11	4.448	418	420	423	rVB4	2041	1762	0.02%	0.004%
12	4.509	428	430	433	rBV4	1757	1634	0.02%	0.003%
13	4.594	442	444	448	rBV5	1278	1787	0.02%	0.004%
14	4.923	486	498	504	rBV	20571	71339	0.83%	0.152%
15	4.996	508	510	511	rVB2	2560	1691	0.02%	0.004%
16	5.070	519	522	524	rBV4	1740	1881	0.02%	0.004%
17	5.429	579	581	585	rVB5	2279	3187	0.04%	0.007%
18	5.472	585	588	590	rBV4	1642	1879	0.02%	0.004%
19	5.606	605	610	613	rBV7	2475	2864	0.03%	0.006%
20	5.630	613	614	617	rVB3	1874	1671	0.02%	0.004%
21	5.789	635	640	645	rBV8	2943	6902	0.08%	0.015%
22	5.856	649	651	653	rVB3	1831	1596	0.02%	0.003%
23	5.935	658	664	665	rBV6	6300	8473	0.10%	0.018%
24	6.027	673	679	680	rBV6	1712	2486	0.03%	0.005%
25	6.057	682	684	687	rVV4	1071	1716	0.02%	0.004%
26	6.234	709	713	717	rVV6	1165	1696	0.02%	0.004%
27	6.295	721	723	727	rVB5	1498	1609	0.02%	0.003%
28	6.466	746	751	755	rVB8	1457	2378	0.03%	0.005%
29	6.594	769	772	774	rBV3	1738	1652	0.02%	0.004%
30	6.624	774	777	780	rVV5	1447	2184	0.03%	0.005%
31	6.880	817	819	821	rBV3	1883	2267	0.03%	0.005%
32	7.075	842	851	860	rBV	102006	289725	3.35%	0.616%
33	7.167	861	866	877	rVB	56718	152218	1.76%	0.324%
34	7.362	896	898	901	rVB4	1961	1736	0.02%	0.004%
35	7.429	906	909	911	rBV4	1762	1813	0.02%	0.004%
36	7.648	935	945	957	rVV	519657	1268715	14.68%	2.699%

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 Title : SFAM01.0

37	7.917	987	989	990	rBV2	2561	2197	0.03%	0.005%
38	8.045	1000	1010	1013	rBV9	5138	13923	0.16%	0.030%
39	8.154	1021	1028	1035	rBV9	5700	14183	0.16%	0.030%
40	8.276	1035	1048	1065	rBV2	1050925	3118382	36.09%	6.634%
41	8.575	1093	1097	1103	rVB7	5017	10346	0.12%	0.022%
42	8.697	1112	1117	1122	rBV9	3666	8072	0.09%	0.017%
43	8.843	1130	1141	1155	rBV	1208472	2428464	28.10%	5.167%
44	9.020	1167	1170	1171	rBV3	1686	1772	0.02%	0.004%
45	9.069	1173	1178	1179	rBV4	5389	7837	0.09%	0.017%
46	9.276	1199	1212	1220	rBV	714543	1504699	17.41%	3.201%
47	9.526	1248	1253	1257	rVB8	3558	6508	0.08%	0.014%
48	9.605	1257	1266	1271	rBV8	7442	19473	0.23%	0.041%
49	9.660	1273	1275	1280	rVB5	3400	5404	0.06%	0.011%
50	9.752	1285	1290	1296	rVB2	13018	26421	0.31%	0.056%
51	9.813	1299	1300	1304	rVB4	1813	1661	0.02%	0.004%
52	9.898	1309	1314	1318	rBV3	8345	15667	0.18%	0.033%
53	9.953	1319	1323	1326	rBV5	5508	9701	0.11%	0.021%
54	9.983	1326	1328	1329	rBV2	3566	2768	0.03%	0.006%
55	10.032	1330	1336	1344	rBV	335477	592589	6.86%	1.261%
56	10.209	1358	1365	1367	rBV7	4082	7724	0.09%	0.016%
57	10.245	1368	1371	1376	rVB4	7502	11658	0.13%	0.025%
58	10.325	1376	1384	1393	rBV	1260111	2296490	26.58%	4.886%
59	10.508	1407	1414	1418	rBV9	9539	22480	0.26%	0.048%
60	10.575	1419	1425	1434	rBV	209270	374379	4.33%	0.796%
61	10.660	1436	1439	1443	rBV4	8980	15364	0.18%	0.033%
62	10.764	1451	1456	1461	rBV6	9146	19600	0.23%	0.042%
63	10.837	1462	1468	1476	rVB3	17960	45706	0.53%	0.097%
64	10.922	1476	1482	1495	rBV	365400	671390	7.77%	1.428%
65	11.038	1496	1501	1509	rVB	20101	44201	0.51%	0.094%
66	11.178	1520	1524	1527	rBV2	11610	16485	0.19%	0.035%
67	11.227	1528	1532	1538	rVB2	31800	53590	0.62%	0.114%
68	11.282	1538	1541	1544	rBV5	7973	11574	0.13%	0.025%
69	11.337	1546	1550	1554	rVV2	26398	45102	0.52%	0.096%
70	11.373	1554	1556	1561	rVV3	15540	26887	0.31%	0.057%
71	11.434	1563	1566	1574	rVB3	23277	38507	0.45%	0.082%
72	11.507	1574	1578	1582	rBV2	20862	33217	0.38%	0.071%
73	11.629	1591	1598	1607	rBV	1382814	2322503	26.88%	4.941%
74	11.763	1617	1620	1623	rBV4	12157	14653	0.17%	0.031%
75	11.812	1624	1628	1633	rBV4	17913	32945	0.38%	0.070%
76	11.873	1633	1638	1642	rBV2	58196	98310	1.14%	0.209%

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 Title : SFAM01.0

77	11.977	1650	1655	1656	rBV5	16730	25935	0.30%	0.055%
78	12.062	1664	1669	1673	rVB2	43008	76006	0.88%	0.162%
79	12.135	1674	1681	1686	rBV4	120756	267455	3.10%	0.569%
80	12.251	1695	1700	1704	rVB	205129	335306	3.88%	0.713%
81	12.361	1704	1718	1725	rBV3	231916	806052	9.33%	1.715%
82	12.617	1753	1760	1765	rVB4	88087	227183	2.63%	0.483%
83	12.690	1765	1772	1778	rBV	563776	1055241	12.21%	2.245%
84	12.775	1783	1786	1792	rVB4	170879	304202	3.52%	0.647%
85	12.855	1793	1799	1804	rBV3	120412	297795	3.45%	0.634%
86	12.940	1806	1813	1818	rBV6	293095	756576	8.76%	1.610%
87	13.074	1832	1835	1839	rVB	199821	259195	3.00%	0.551%
88	13.123	1839	1843	1847	rBV3	193200	335997	3.89%	0.715%
89	13.288	1866	1870	1875	rBV	333604	484286	5.60%	1.030%
90	13.342	1875	1879	1882	rBV2	225859	322085	3.73%	0.685%
91	13.409	1887	1890	1892	rBV3	163190	249081	2.88%	0.530%
92	13.556	1909	1914	1918	rBV	830543	1366506	15.81%	2.907%
93	13.873	1958	1966	1970	rBV2	818791	2368989	27.41%	5.040%
94	13.976	1980	1983	1987	rVB2	437616	572841	6.63%	1.219%
95	14.190	2014	2018	2022	rBV	360015	556511	6.44%	1.184%
96	14.257	2025	2029	2035	rVB4	607740	1070726	12.39%	2.278%
97	14.379	2045	2049	2057	rBV3	1280003	2149847	24.88%	4.574%
98	14.793	2114	2117	2122	rBV	686321	942785	10.91%	2.006%
99	15.318	2199	2203	2210	rVB	5286352	8641243	100.00%	18.384%
100	16.275	2355	2360	2369	rVB	2869368	5402727	62.52%	11.494%

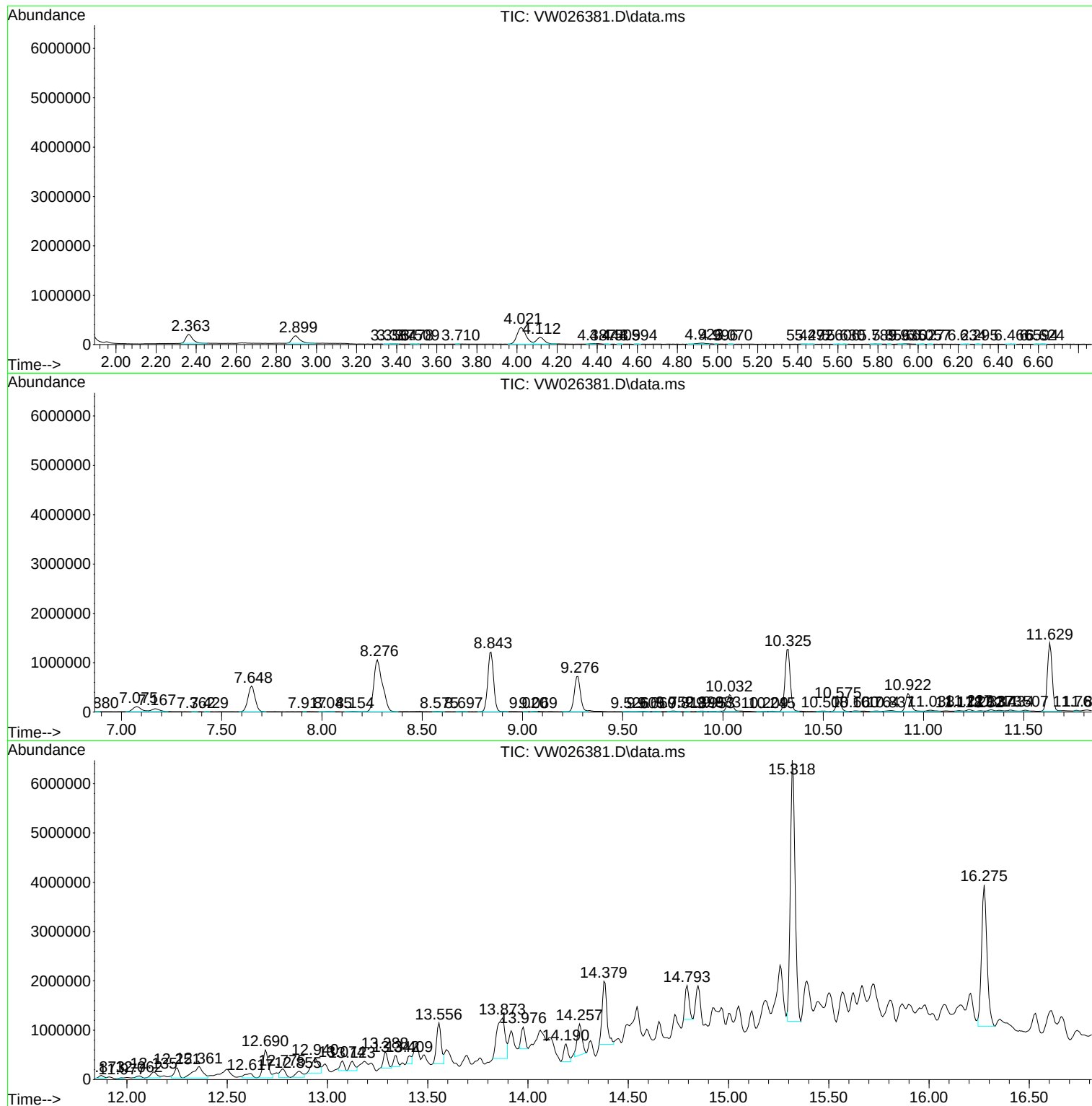
Sum of corrected areas: 47003877

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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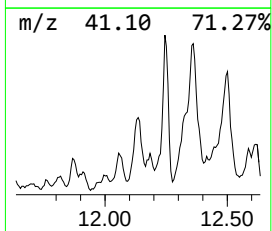
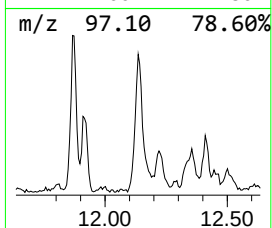
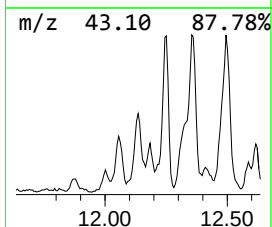
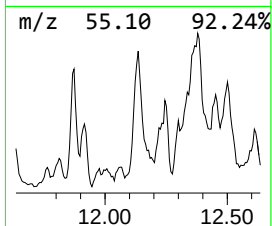
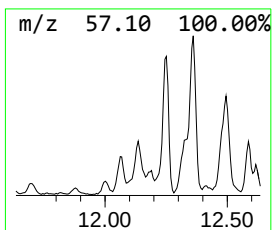
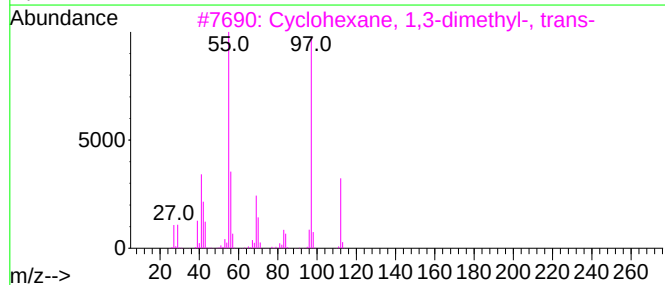
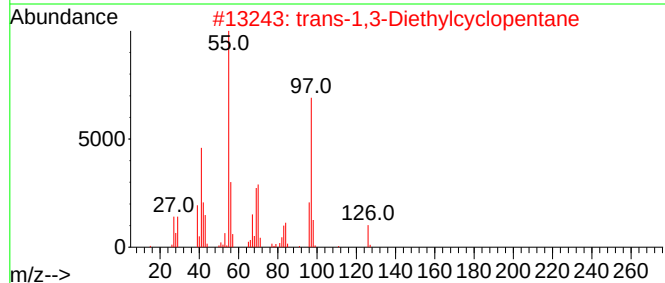
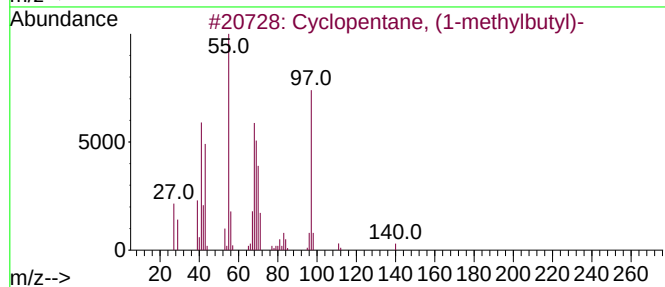
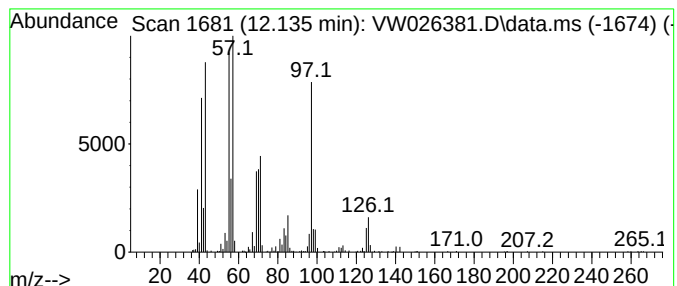
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic12.135 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	2.88 ug/L	267455	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	53
2			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	46
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	45
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	45
5			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	43



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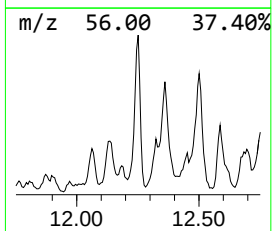
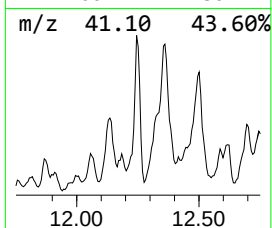
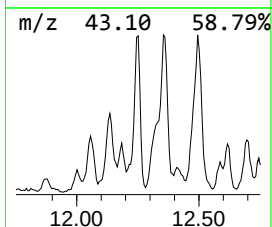
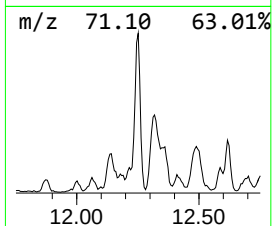
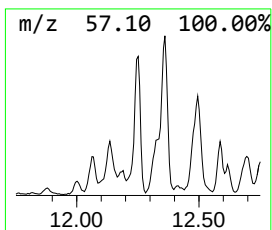
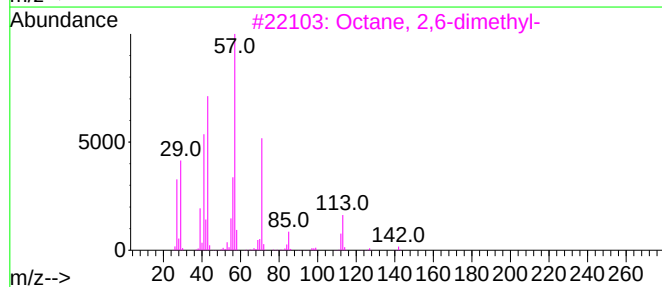
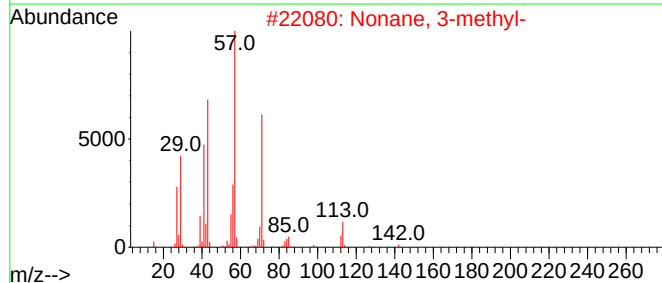
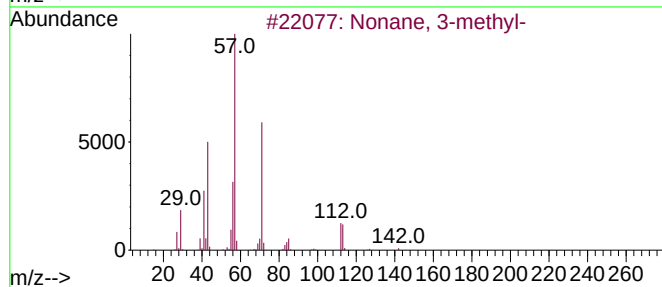
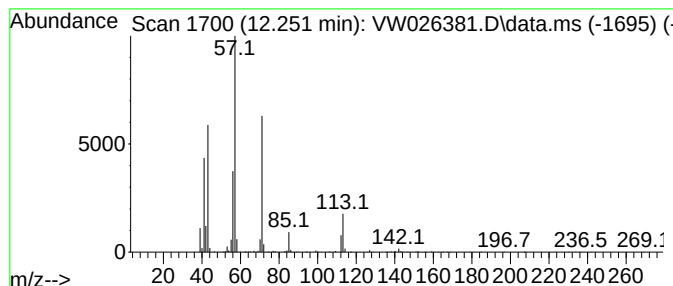
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	3.61 ug/L	335306	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-			142	C10H22	005911-04-6	91
2	Nonane, 3-methyl-			142	C10H22	005911-04-6	90
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
5	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	86



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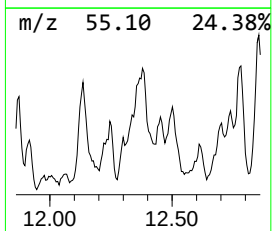
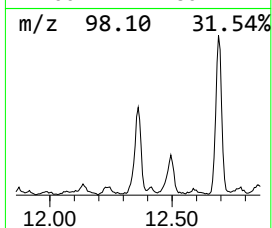
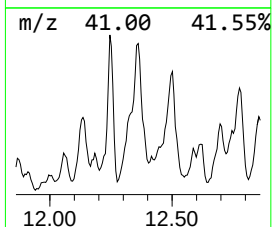
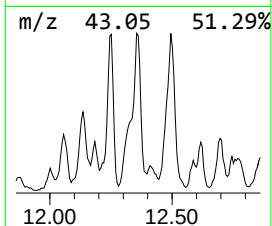
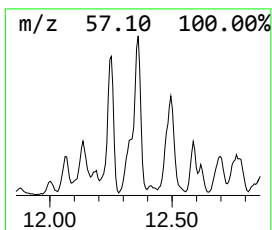
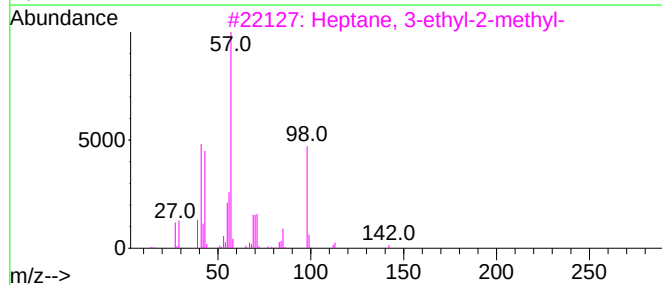
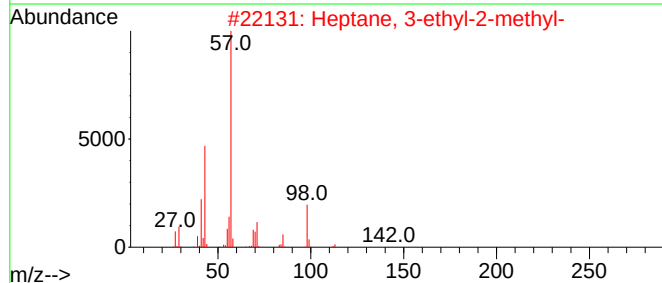
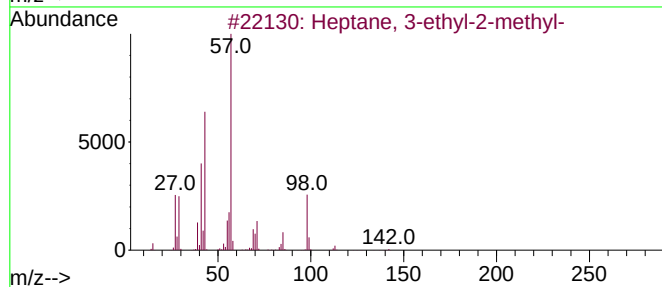
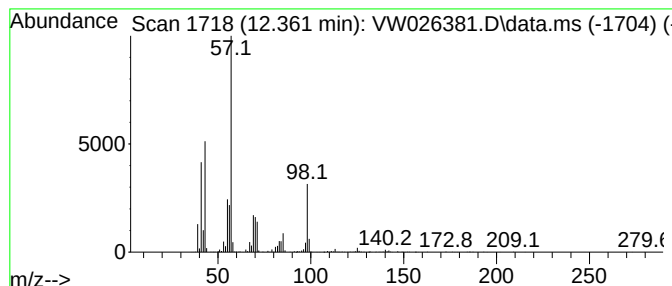
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	8.68 ug/L	806052	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	68
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K5

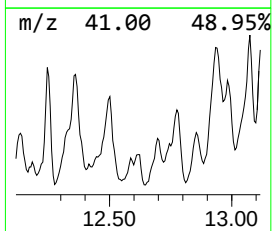
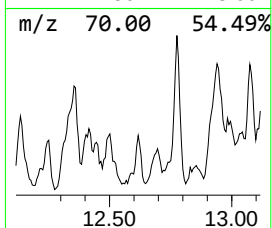
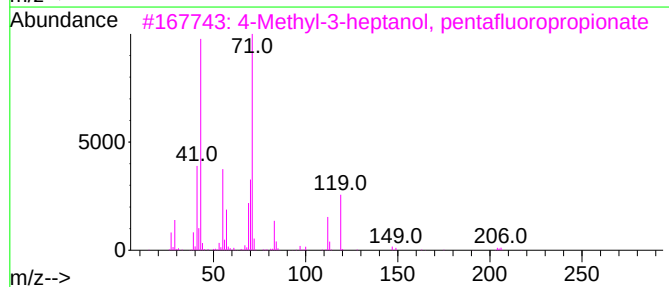
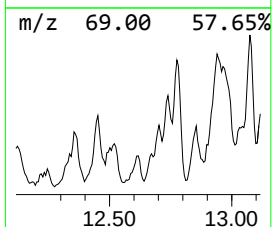
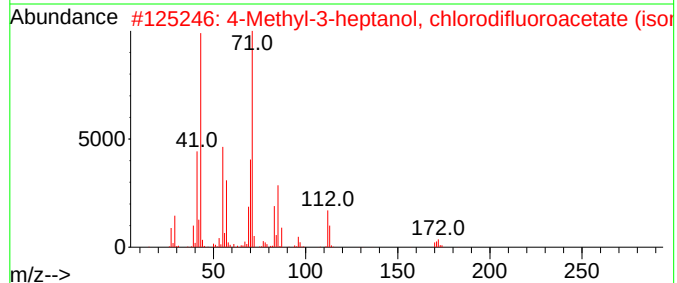
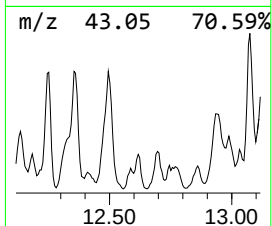
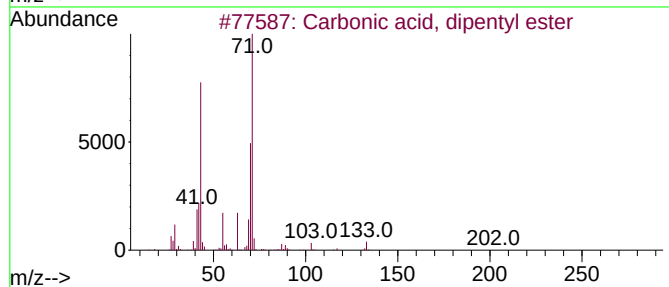
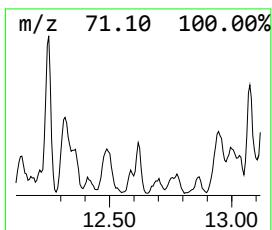
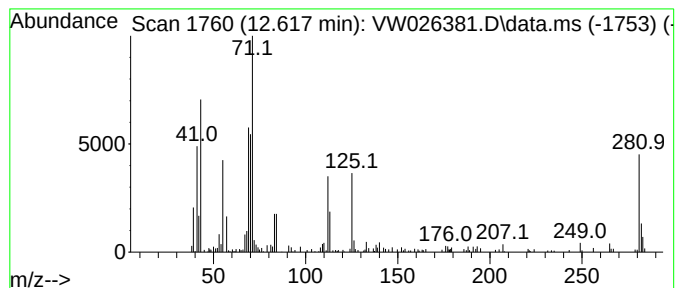
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Quant Title : SFAM01.0

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

Peak Number 5 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	4.16 ug/L	227183	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dipentyl ester	202	C11H22O3	002050-94-4	38
2			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	38
3			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	35
4			Methylamine, N-(1-methylhexylid...	127	C8H17N	022058-71-5	27
5			3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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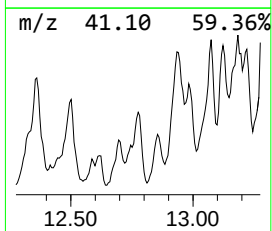
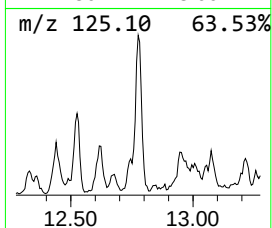
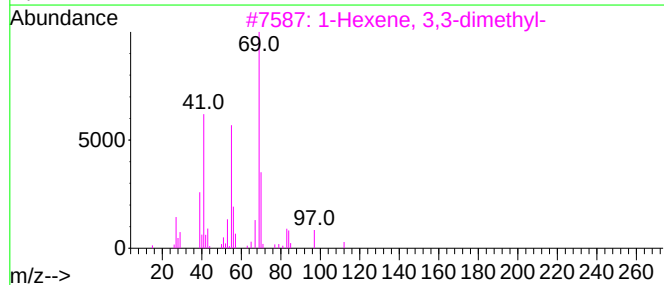
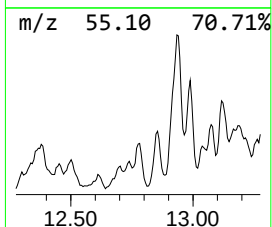
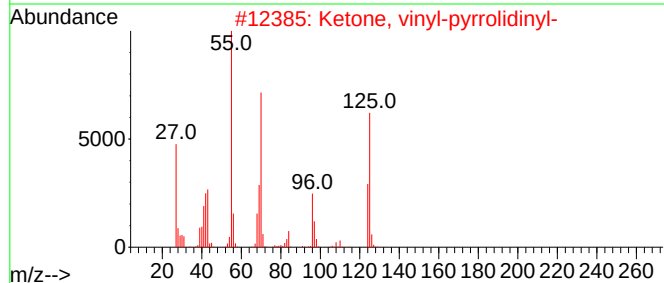
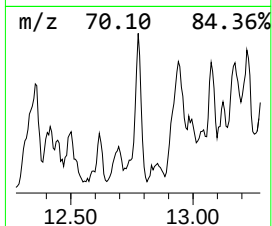
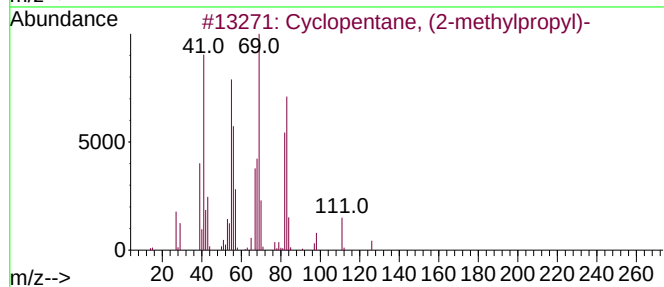
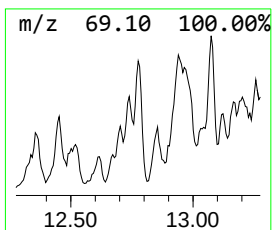
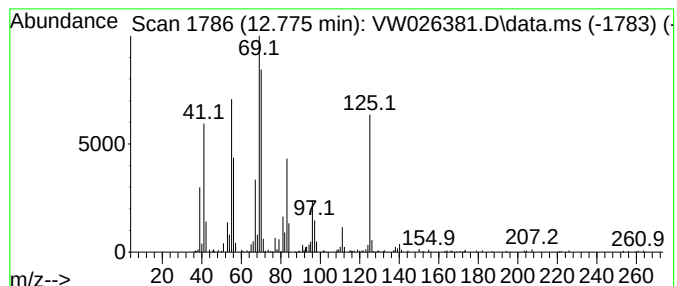
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic12.775 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	5.57 ug/L	304202	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	50
2			Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	41
3			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
4			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	27
5			Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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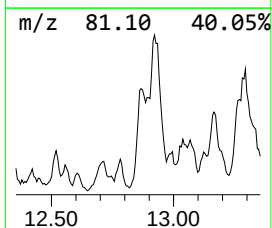
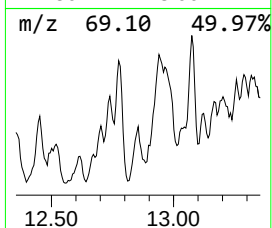
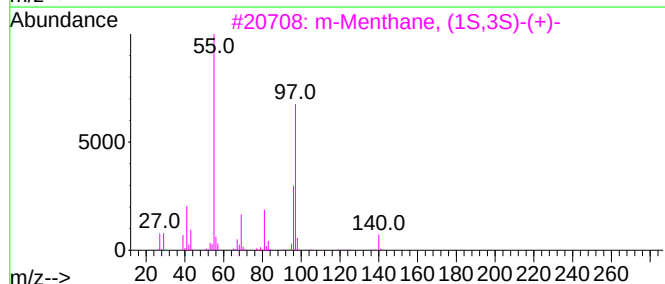
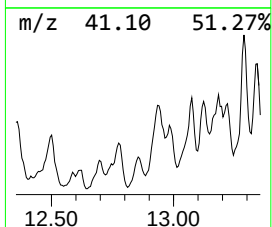
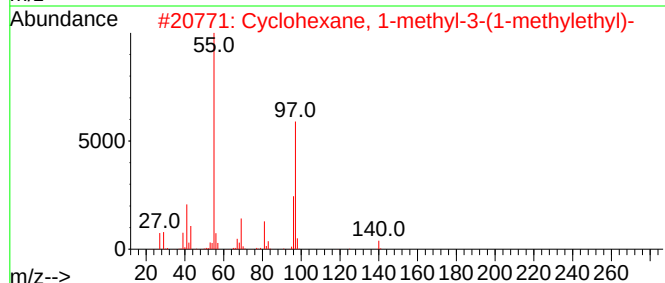
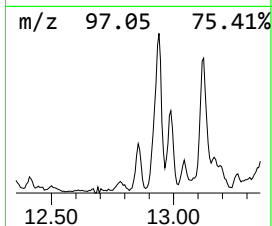
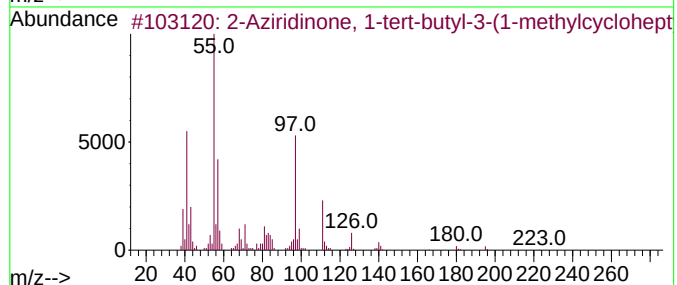
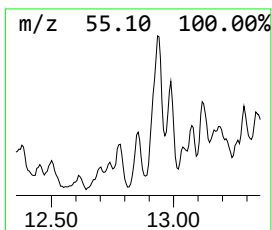
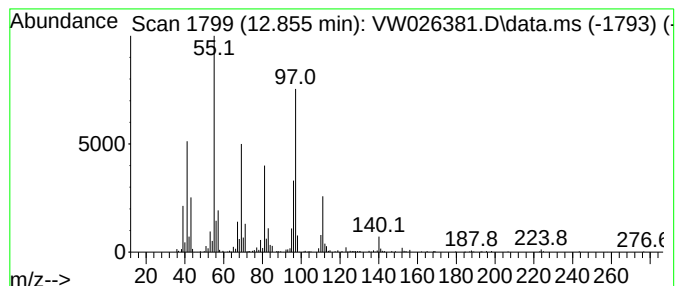
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Quant Title : SFAM01.0

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

Peak Number 7 2-Aziridinone, 1-tert-butyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	5.45 ug/L	297795	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	64		
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64		
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59		
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58		
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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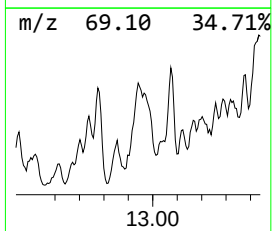
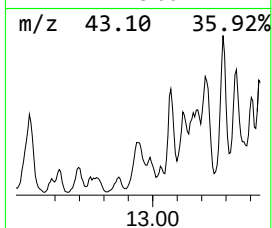
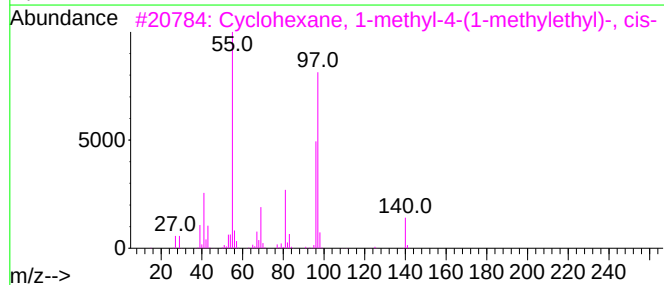
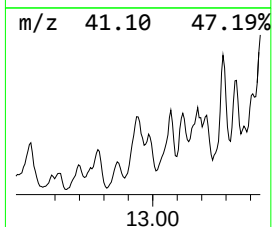
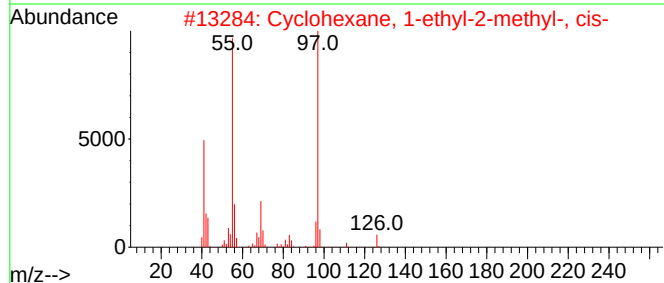
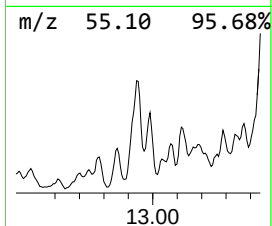
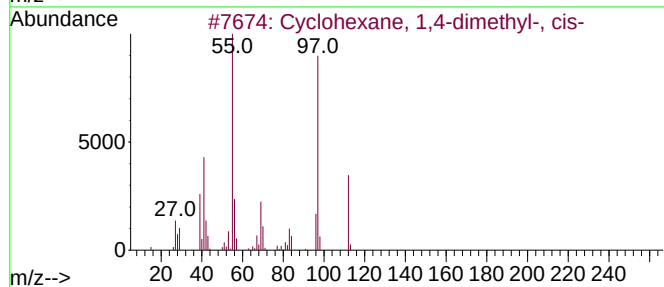
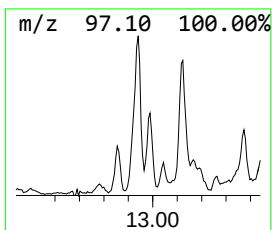
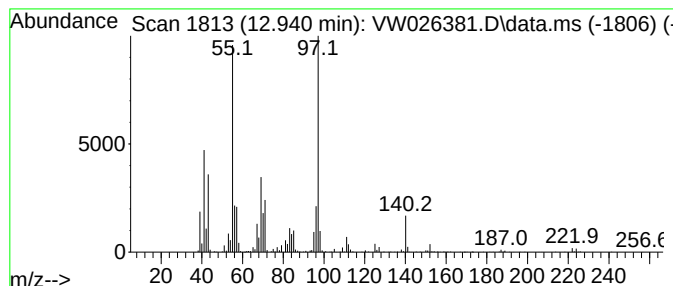
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.940 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	13.84 ug/L	756576	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

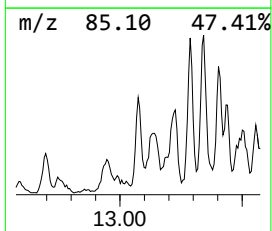
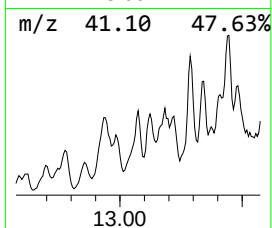
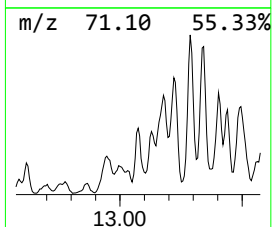
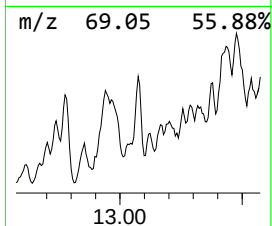
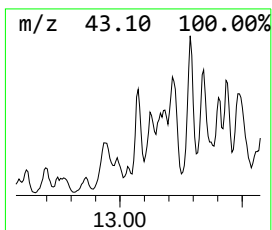
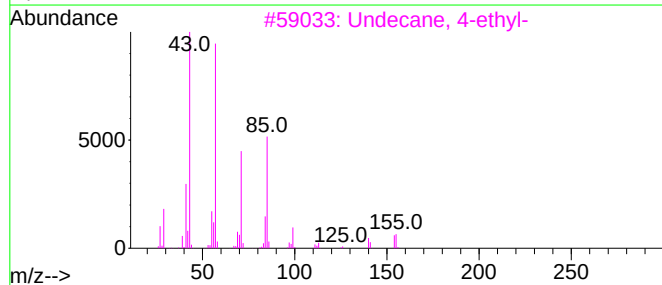
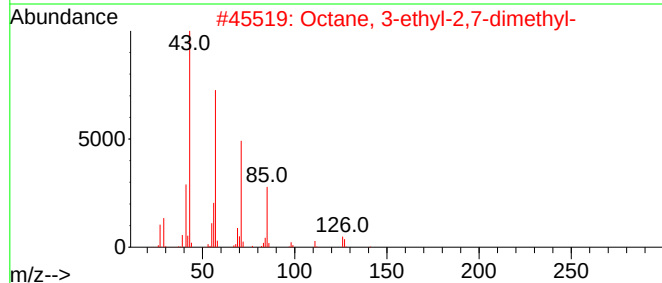
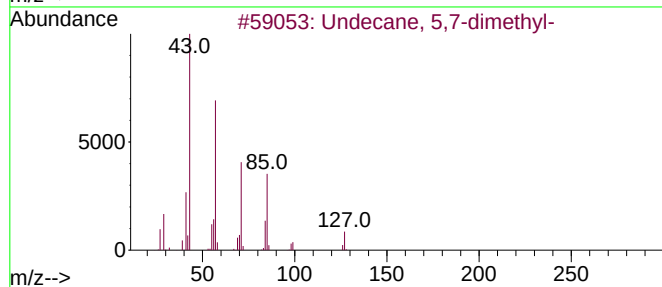
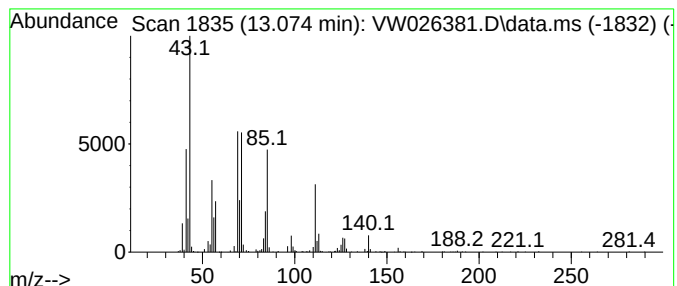
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.074	4.74 ug/L	259195	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	50
2	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	50
3	Undecane, 4-ethyl-		184	C13H28	017312-59-3	50
4	Succinic acid, 3-methylbut-2-yl ...		272	C14H24O5	1000390-71-4	47
5	Decane, 4-methyl-		156	C11H24	002847-72-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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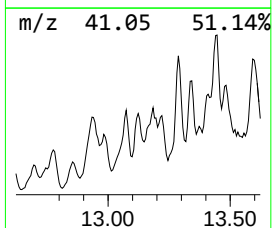
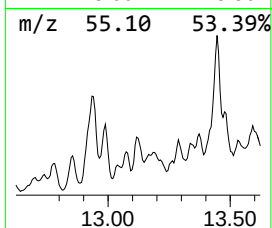
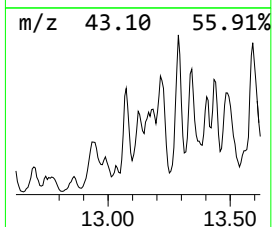
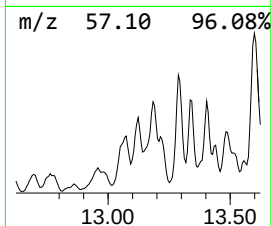
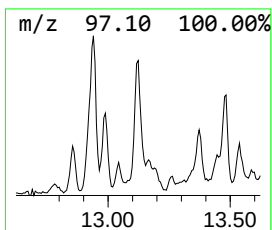
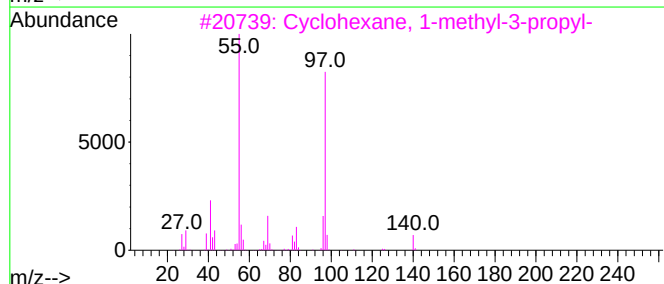
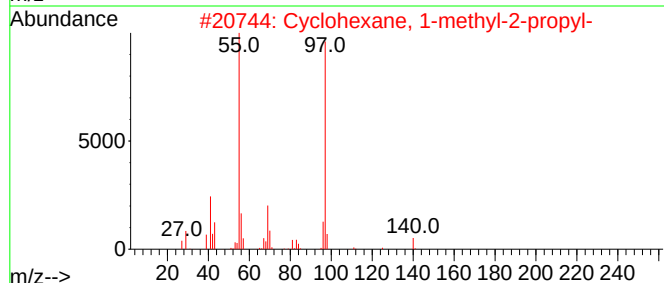
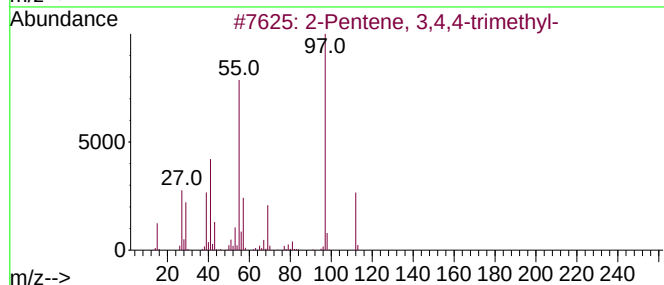
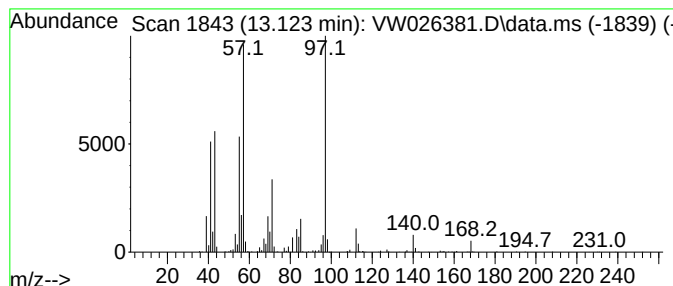
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	6.15 ug/L	335997	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4,4-trimethyl-	112	C8H16		000598-96-9	50
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20		004291-79-6	49
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20		004291-80-9	46
4	Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2		028450-02-4	46
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16		000624-29-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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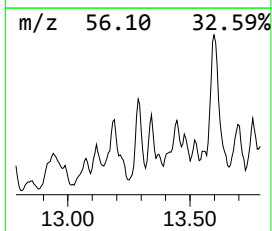
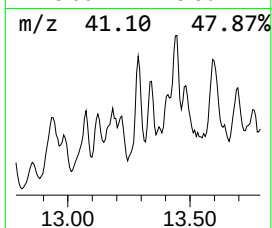
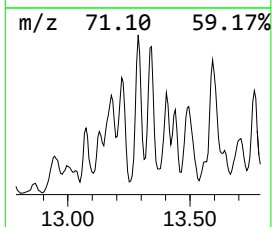
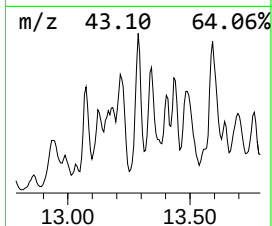
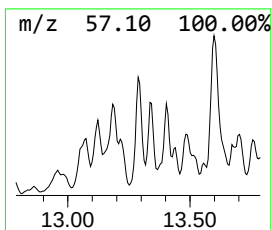
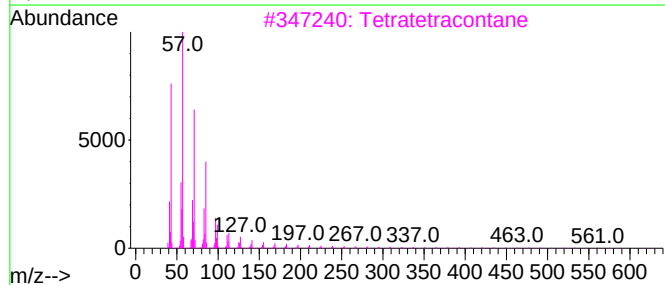
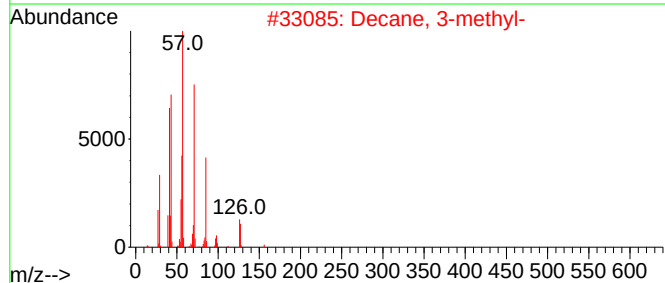
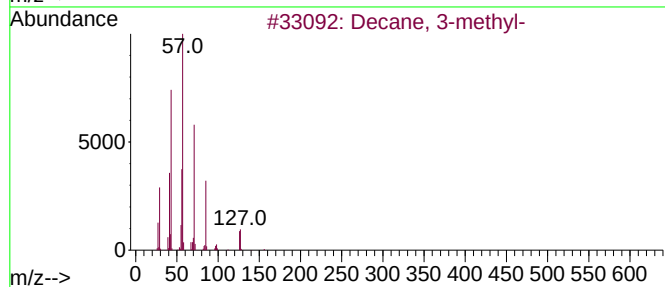
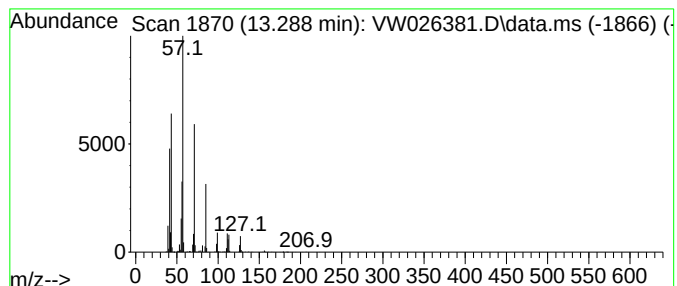
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	8.86 ug/L	484286	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	81
2			Decane, 3-methyl-	156	C11H24	013151-34-3	76
3			Tetratetracontane	619	C44H90	007098-22-8	72
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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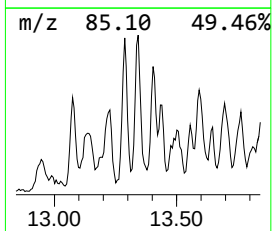
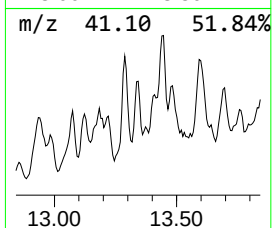
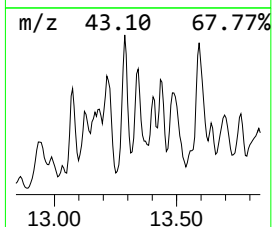
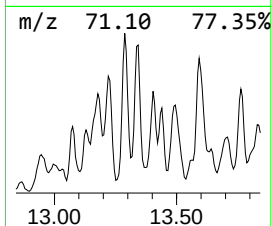
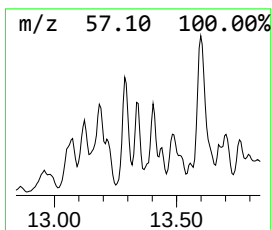
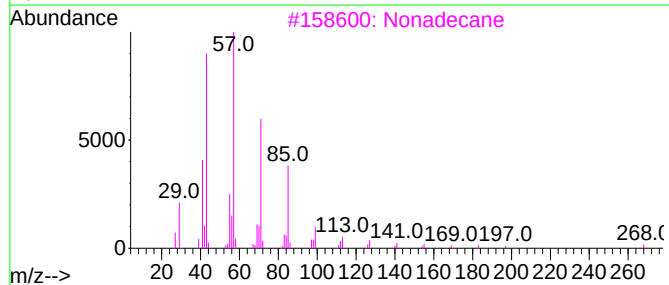
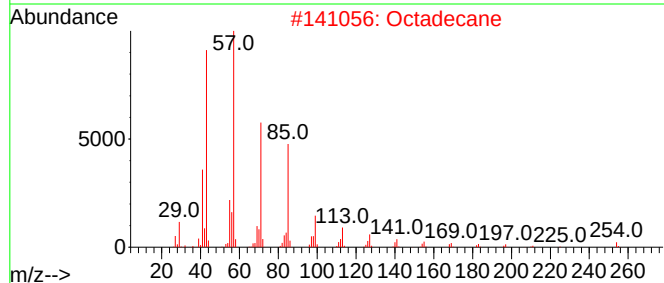
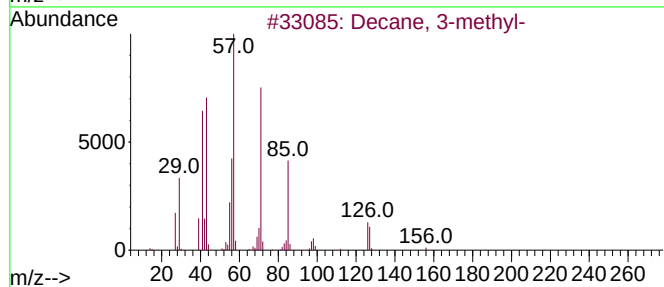
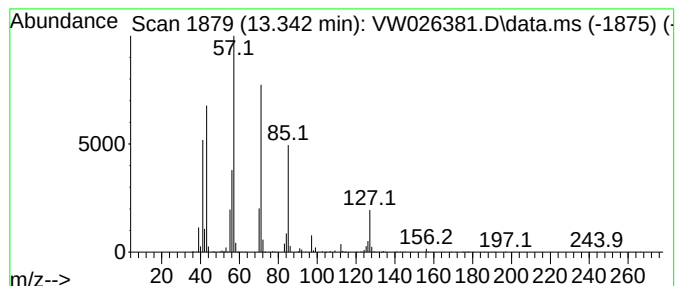
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	5.89 ug/L	322085	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	87
2		Octadecane	254	C18H38	000593-45-3	59
3		Nonadecane	268	C19H40	000629-92-5	59
4		1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	59
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K5

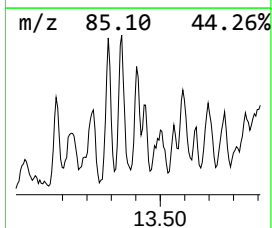
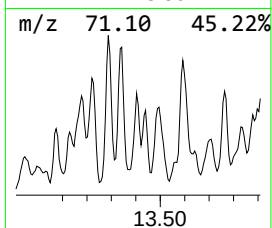
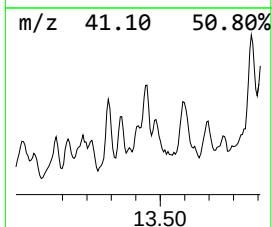
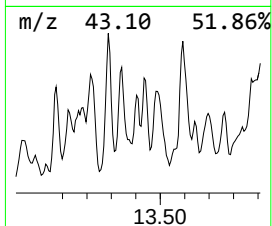
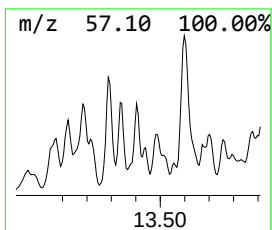
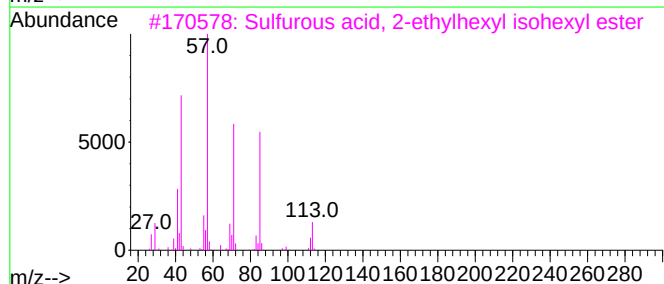
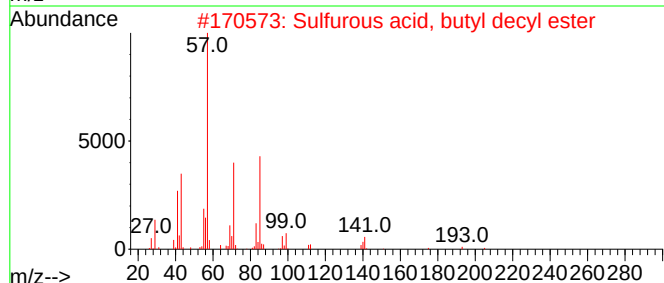
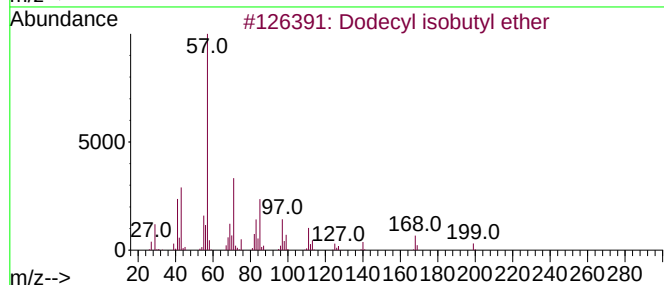
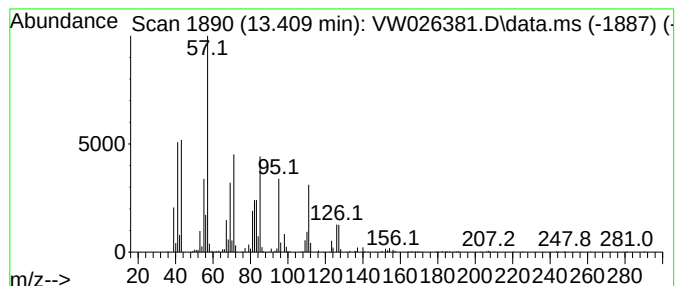
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Quant Title : SFAM01.0

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

Peak Number 13 Dodecyl isobutyl ether Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	4.56 ug/L	249081	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	50
2			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
4			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38
5			2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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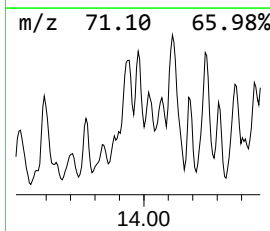
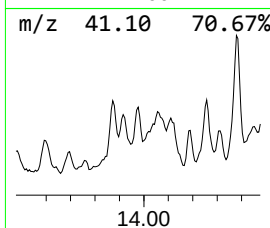
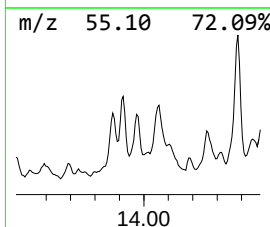
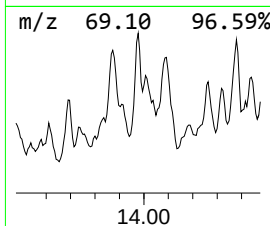
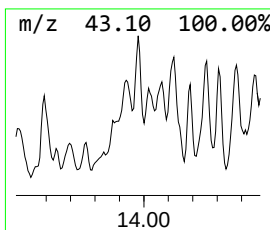
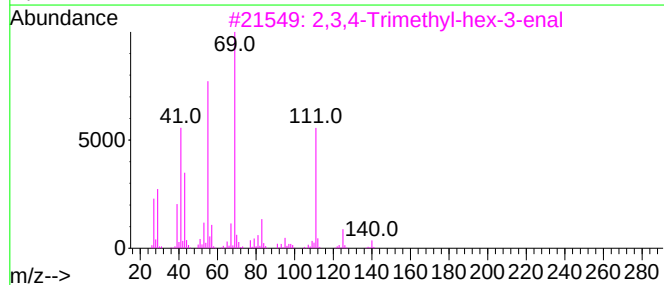
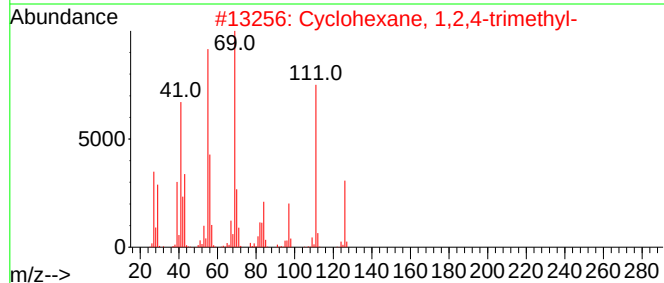
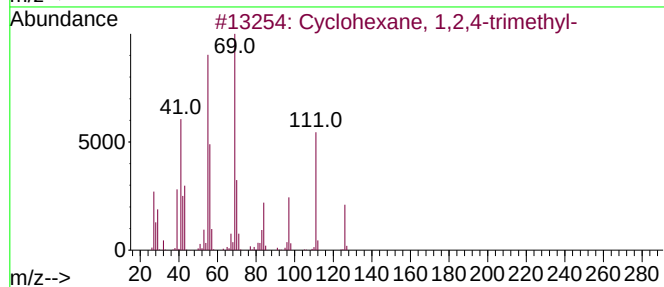
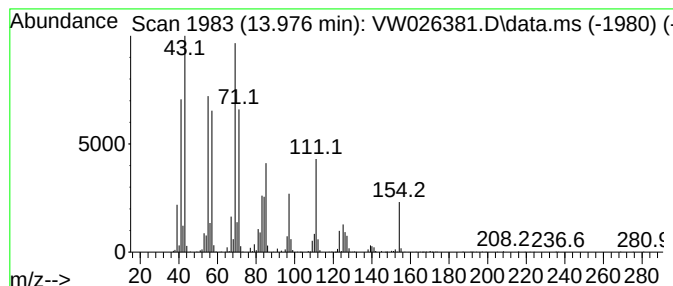
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic13.976 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	10.48 ug/L	572841	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
3			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	38
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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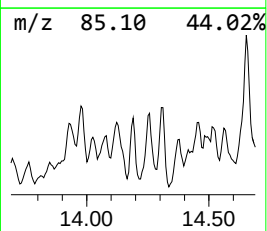
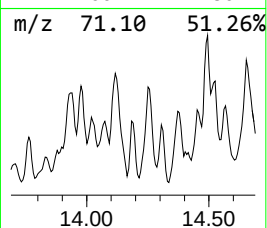
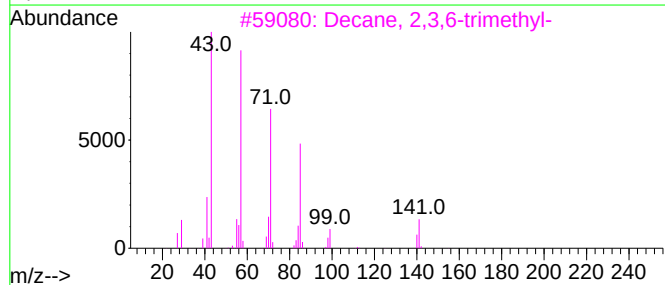
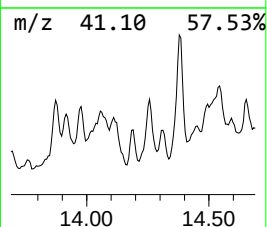
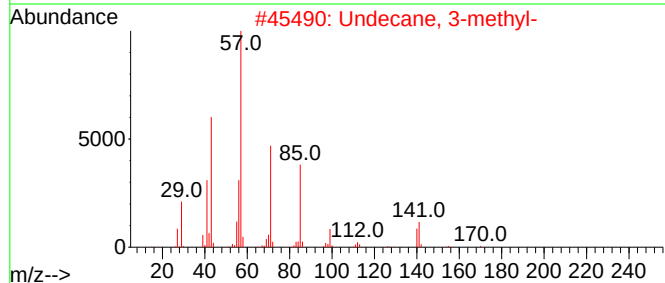
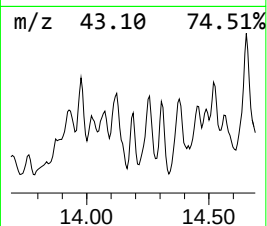
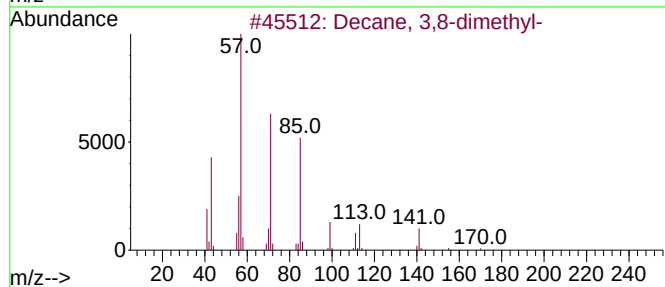
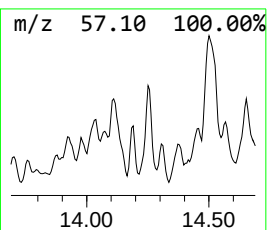
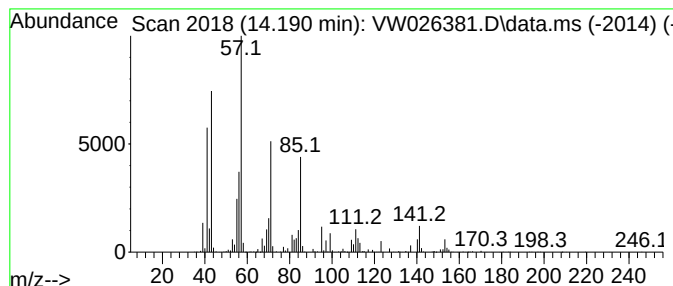
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	10.18 ug/L	556511	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	81
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	68
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5			Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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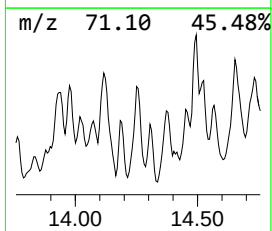
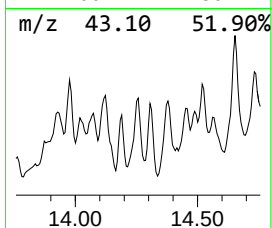
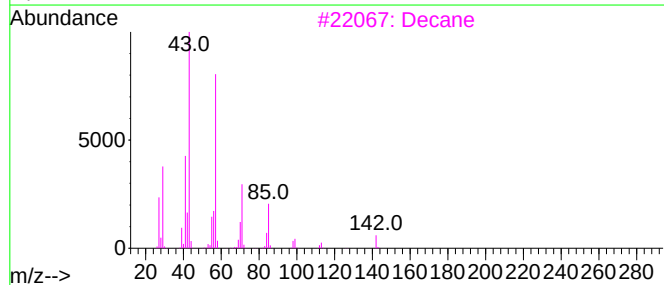
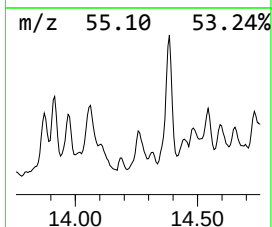
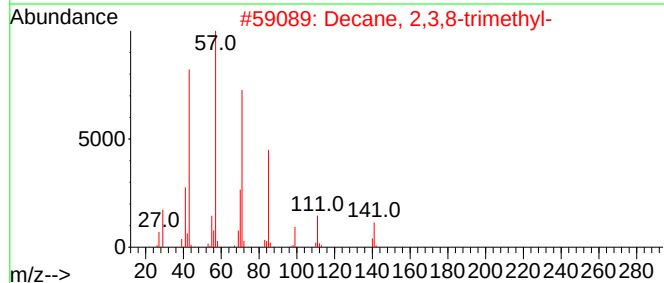
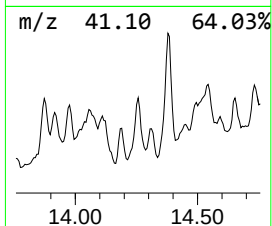
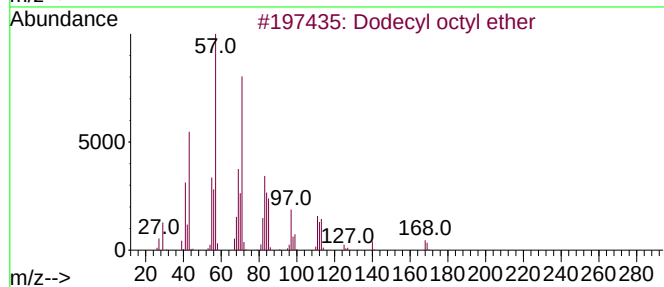
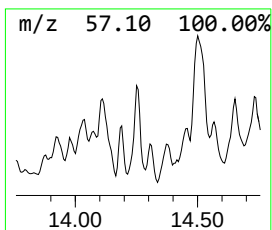
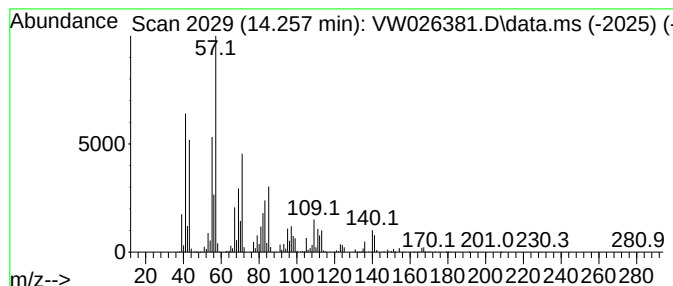
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Quant Title : SFAM01.0

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

Peak Number 16 Dodecyl octyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	19.59 ug/L	1070730	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl octyl ether	298	C20H42O	1000406-38-4	52
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	35
3			Decane	142	C10H22	000124-18-5	30
4			Decane	142	C10H22	000124-18-5	30
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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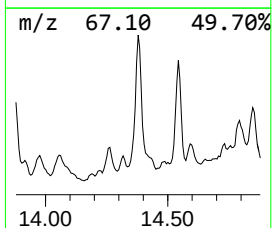
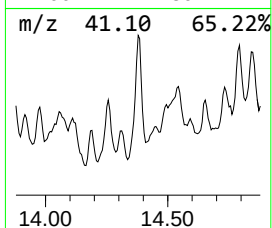
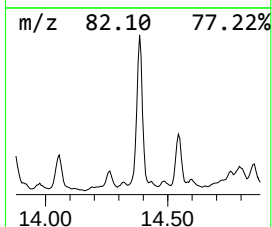
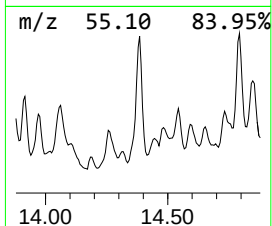
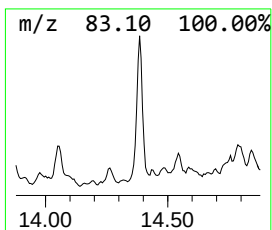
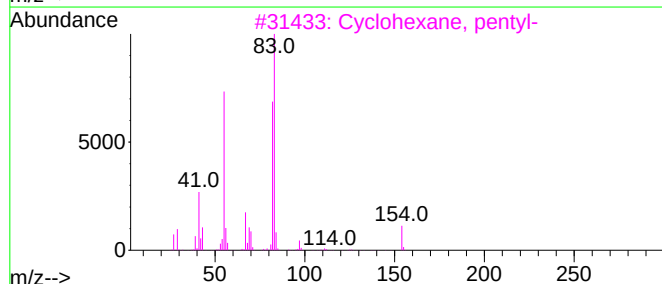
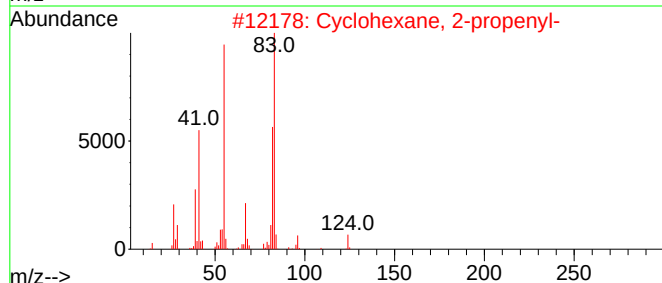
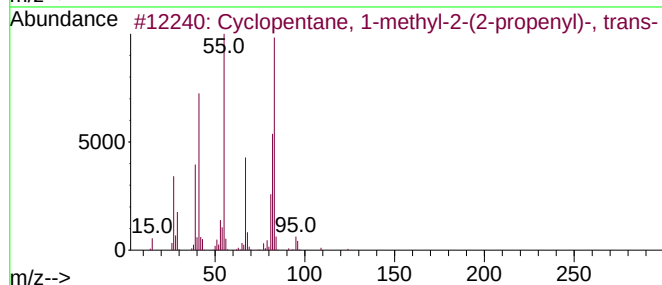
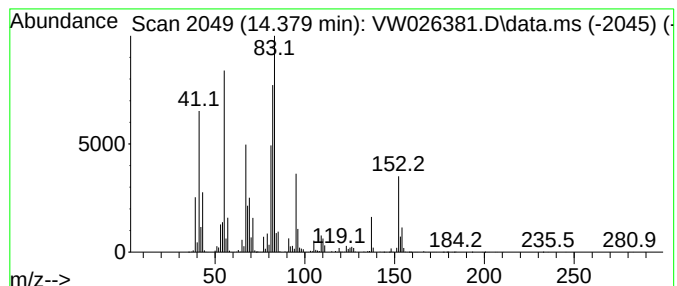
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Quant Title : SFAM01.0

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

Peak Number 17 Cyclopentane, 1-methyl-2-(2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	39.33 ug/L	2149850	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K5

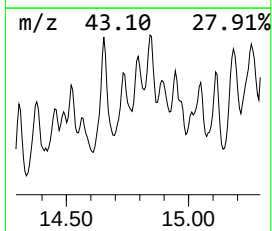
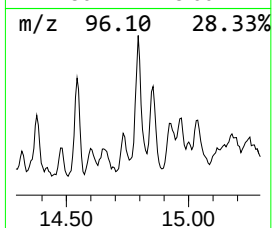
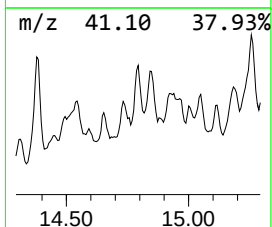
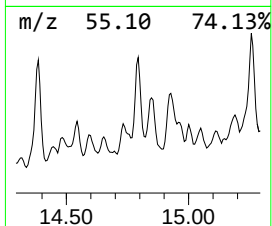
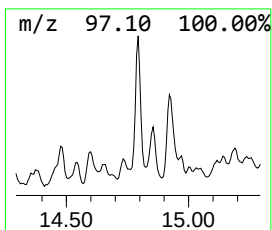
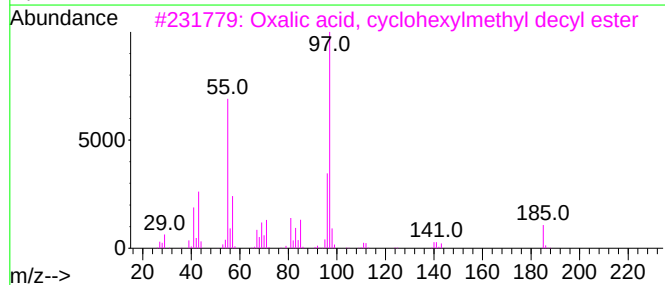
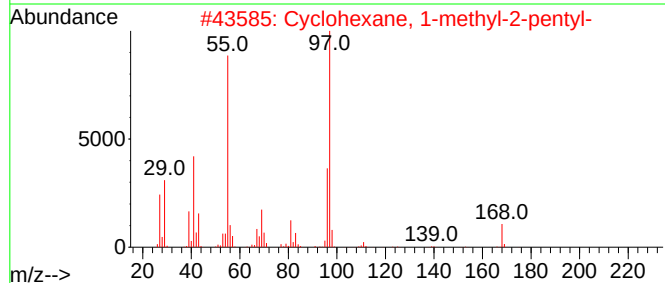
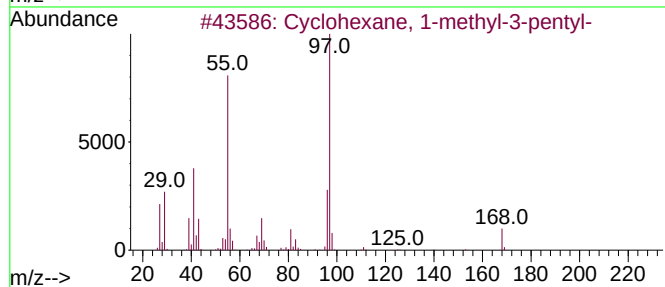
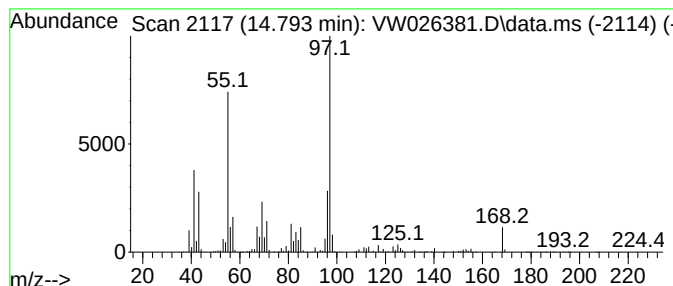
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic14.793 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	17.25 ug/L	942785	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	87
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	87
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	86
4			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	86
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K5

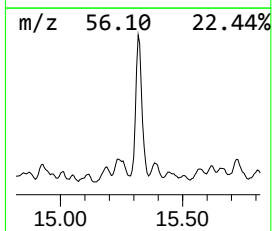
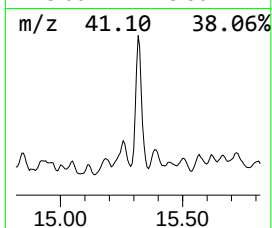
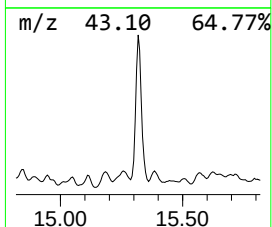
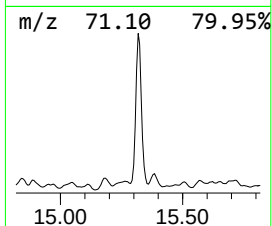
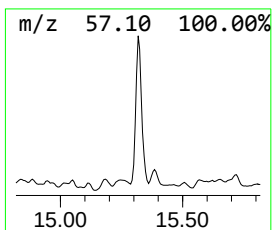
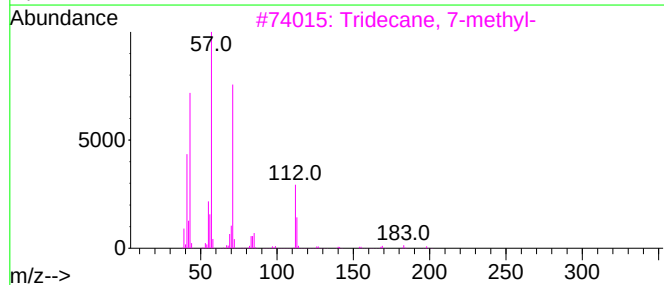
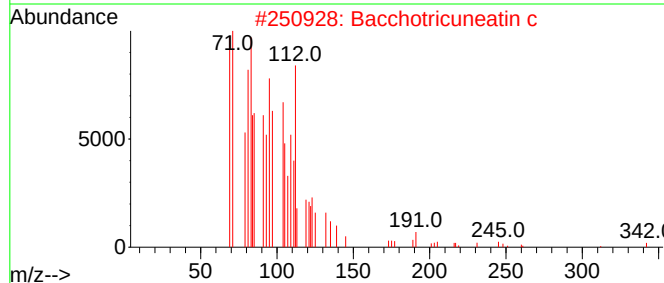
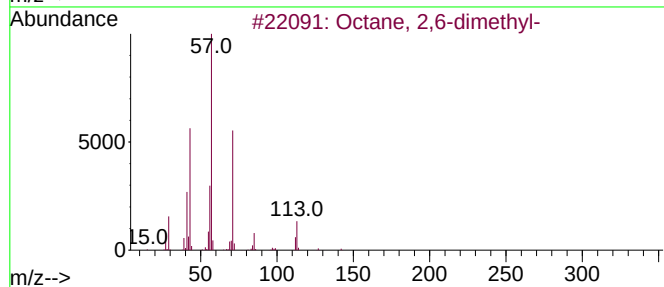
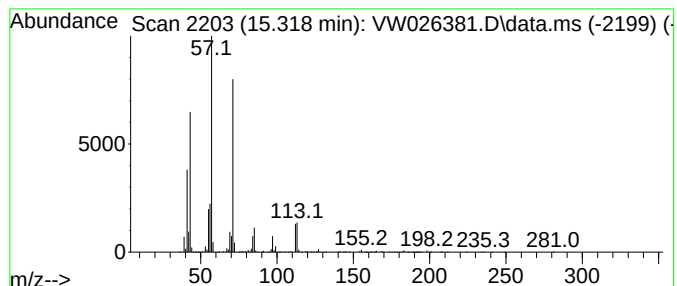
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	158.09 ug/L	8641240	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K5

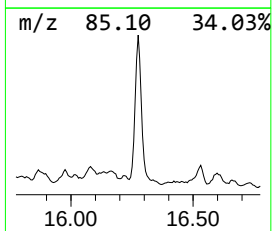
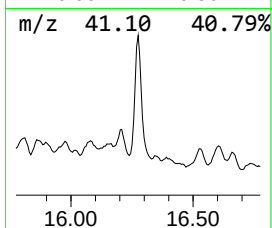
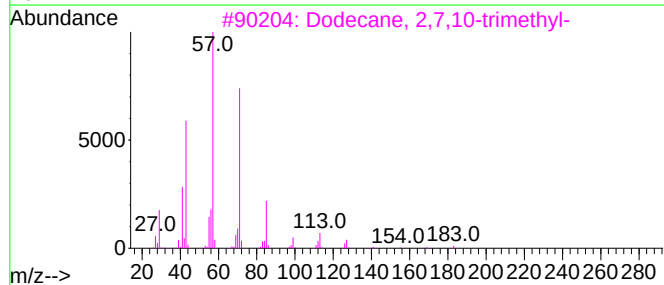
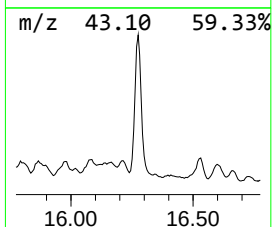
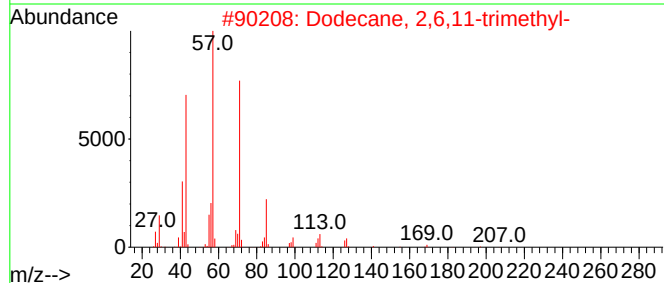
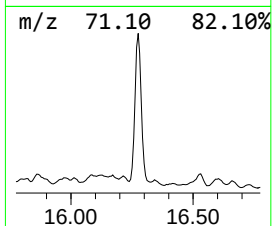
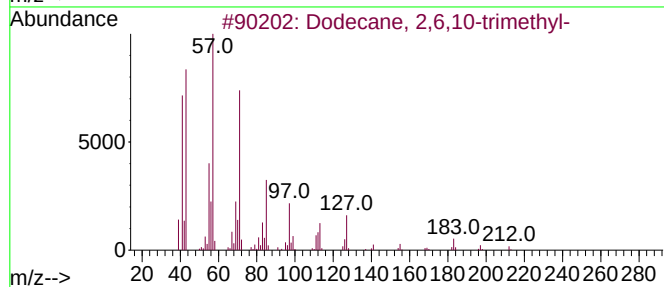
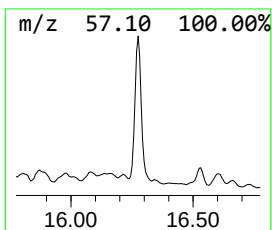
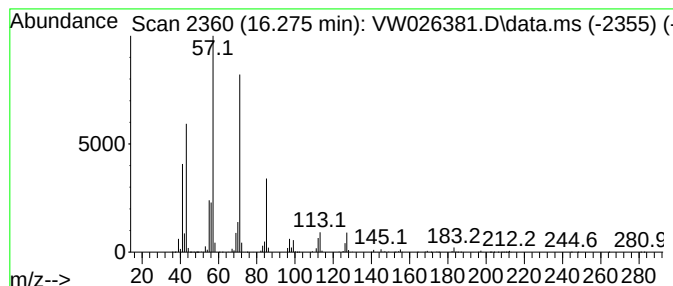
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	98.84 ug/L	5402730	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026381.D
Acq On : 28 Jun 2023 02:49
Operator : SY/MD
Sample : 03420-21
Misc : 5.11g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	12.135	2.9	ug/L	267455	2	11.629	2322500	25.0
(DEL) Alkane: S...	12.251	3.6	ug/L	335306	2	11.629	2322500	25.0
(DEL) Alkane: S...	12.361	8.7	ug/L	806052	2	11.629	2322500	25.0
unknown-01	12.617	4.2	ug/L	227183	3	13.556	1366510	25.0
(DEL) Alkane: C...	12.775	5.6	ug/L	304202	3	13.556	1366510	25.0
2-Aziridinone, ...	12.855	5.5	ug/L	297795	3	13.556	1366510	25.0
(DEL) Alkane: C...	12.940	13.8	ug/L	756576	3	13.556	1366510	25.0
(DEL) Alkane: S...	13.074	4.7	ug/L	259195	3	13.556	1366510	25.0
(DEL) Alkane: S...	13.123	6.2	ug/L	335997	3	13.556	1366510	25.0
(DEL) Alkane: S...	13.288	8.9	ug/L	484286	3	13.556	1366510	25.0
(DEL) Alkane: S...	13.342	5.9	ug/L	322085	3	13.556	1366510	25.0
Dodecyl isobuty...	13.410	4.6	ug/L	249081	3	13.556	1366510	25.0
(DEL) Alkane: C...	13.976	10.5	ug/L	572841	3	13.556	1366510	25.0
(DEL) Alkane: S...	14.190	10.2	ug/L	556511	3	13.556	1366510	25.0
Dodecyl octyl e...	14.257	19.6	ug/L	1070730	3	13.556	1366510	25.0
Cyclopentane, 1...	14.379	39.3	ug/L	2149850	3	13.556	1366510	25.0
(DEL) Alkane: C...	14.793	17.3	ug/L	942785	3	13.556	1366510	25.0
(DEL) Alkane: S...	15.318	158.1	ug/L	8641240	3	13.556	1366510	25.0
(DEL) Alkane: S...	16.275	98.8	ug/L	5402730	3	13.556	1366510	25.0