

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031132.D
 Acq On : 04 Dec 2024 18:09
 Operator : SY/MD
 Sample : P5066-02
 Misc : 8.82g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28M1

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\SFAMWLM120424SMA.M

Title : SFAM01.0

Signal : TIC: VW031132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.180	40	48	50	rBV4	2837	6585	0.10%	0.024%
2	2.222	51	55	56	rBV3	2581	2873	0.04%	0.010%
3	2.332	67	73	83	rBV2	18517	52828	0.83%	0.189%
4	2.893	159	165	174	rVB3	7085	14563	0.23%	0.052%
5	3.039	182	189	200	rVB2	8294	19704	0.31%	0.071%
6	3.265	224	226	229	rBV3	536	683	0.01%	0.002%
7	3.405	241	249	256	rBV4	2950	7480	0.12%	0.027%
8	3.533	267	270	271	rBV3	500	437	0.01%	0.002%
9	3.606	279	282	284	rBV3	755	821	0.01%	0.003%
10	3.856	321	323	325	rVV	702	541	0.01%	0.002%
11	4.033	342	352	363	rVV	11371	30870	0.48%	0.111%
12	4.137	363	369	376	rVV6	687	2069	0.03%	0.007%
13	4.387	406	410	412	rBV3	1325	1902	0.03%	0.007%
14	4.533	432	434	438	rBV2	302	398	0.01%	0.001%
15	4.612	445	447	450	rVB3	410	492	0.01%	0.002%
16	4.649	450	453	456	rBV3	405	619	0.01%	0.002%
17	4.899	491	494	496	rBV	582	691	0.01%	0.002%
18	4.978	502	507	510	rVV4	771	1177	0.02%	0.004%
19	5.435	575	582	591	rVV7	2245	7380	0.12%	0.026%
20	5.679	618	622	623	rBV2	424	497	0.01%	0.002%
21	5.862	651	652	655	rBV2	430	424	0.01%	0.002%
22	5.941	658	665	669	rBV4	1407	3549	0.06%	0.013%
23	6.246	713	715	720	rBV3	544	857	0.01%	0.003%
24	6.374	733	736	740	rBV2	333	445	0.01%	0.002%
25	6.435	743	746	750	rBV2	279	471	0.01%	0.002%
26	6.978	829	835	846	rVB6	1825	5749	0.09%	0.021%
27	7.124	850	859	861	rBV5	1680	4073	0.06%	0.015%
28	7.240	875	878	881	rBV	318	524	0.01%	0.002%
29	7.679	941	950	960	rVV3	13291	35363	0.55%	0.127%
30	7.752	960	962	964	rVV2	405	398	0.01%	0.001%
31	7.953	984	995	1005	rVV7	3327	11398	0.18%	0.041%
32	8.154	1022	1028	1035	rBV6	1985	4993	0.08%	0.018%
33	8.215	1037	1038	1039	rVV	880	544	0.01%	0.002%
34	8.276	1040	1048	1064	rVB2	23911	71776	1.12%	0.257%
35	8.435	1067	1074	1080	rVB6	2113	4431	0.07%	0.016%
36	8.508	1080	1086	1091	rBV7	1612	4006	0.06%	0.014%

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 Title : SFAM01.0

37	8.575	1091	1097	1103	rVB7	3403	7364	0.12%	0.026%
38	8.691	1110	1116	1127	rVB4	5639	11541	0.18%	0.041%
39	8.843	1131	1141	1148	rBV	21211	46168	0.72%	0.165%
40	9.002	1166	1167	1171	rBV2	441	411	0.01%	0.001%

41	9.093	1173	1182	1192	rBV2	154009	319455	5.00%	1.144%
42	9.270	1203	1211	1217	rBV3	17067	44497	0.70%	0.159%
43	9.337	1217	1222	1229	rVB3	20363	43149	0.67%	0.155%
44	9.447	1239	1240	1242	rBV2	630	515	0.01%	0.002%
45	9.508	1248	1250	1251	rBV2	1593	1540	0.02%	0.006%

46	9.605	1260	1266	1274	rVB7	3430	7851	0.12%	0.028%
47	9.752	1284	1290	1296	rBV8	5328	10850	0.17%	0.039%
48	9.892	1310	1313	1316	rBV4	1379	1796	0.03%	0.006%
49	9.959	1318	1324	1332	rVV4	10444	23430	0.37%	0.084%
50	10.032	1332	1336	1341	rVV2	5984	12093	0.19%	0.043%

51	10.093	1342	1346	1353	rVB5	7910	15604	0.24%	0.056%
52	10.319	1377	1383	1388	rBV2	44952	87690	1.37%	0.314%
53	10.386	1388	1394	1401	rVB	76083	140401	2.20%	0.503%
54	10.501	1408	1413	1421	rVB	41917	75452	1.18%	0.270%
55	10.660	1436	1439	1450	rVB3	13446	25363	0.40%	0.091%

56	10.764	1450	1456	1460	rBV4	7251	14819	0.23%	0.053%
57	10.861	1464	1472	1480	rBV	3860858	6393868	100.00%	22.901%
58	10.928	1481	1483	1489	rVB2	16229	25586	0.40%	0.092%
59	11.172	1519	1523	1527	rBV	22429	34539	0.54%	0.124%
60	11.227	1528	1532	1538	rVB	29416	50514	0.79%	0.181%

61	11.337	1545	1550	1554	rBV4	16101	30247	0.47%	0.108%
62	11.410	1558	1562	1572	rVV5	32613	90845	1.42%	0.325%
63	11.507	1574	1578	1583	rVB	31899	48509	0.76%	0.174%
64	11.629	1594	1598	1606	rVB	23746	44735	0.70%	0.160%
65	11.727	1609	1614	1618	rBV	88880	149085	2.33%	0.534%

66	11.837	1623	1632	1641	rBV3	905832	1773339	27.73%	6.352%
67	11.916	1641	1645	1650	rVB2	100709	167971	2.63%	0.602%
68	11.971	1650	1654	1657	rBV3	30240	56649	0.89%	0.203%
69	12.056	1663	1668	1673	rVB3	68235	127448	1.99%	0.456%
70	12.135	1673	1681	1692	rBV3	412586	1381811	21.61%	4.949%

71	12.245	1695	1699	1703	rVB	329060	489679	7.66%	1.754%
72	12.300	1703	1708	1710	rBV2	166304	266318	4.17%	0.954%
73	12.379	1710	1721	1729	rVB5	454259	1550213	24.25%	5.552%
74	12.452	1730	1733	1737	rBV2	66964	105643	1.65%	0.378%
75	12.538	1744	1747	1749	rBV2	106819	128025	2.00%	0.459%

76	12.647	1761	1765	1768	rVB	134677	158028	2.47%	0.566%
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 Title : SFAM01.0

77	12.775	1782	1786	1793	rVB4	219242	446748	6.99%	1.600%
78	12.861	1794	1800	1803	rVV2	316407	568993	8.90%	2.038%
79	12.922	1804	1810	1817	rVV2	1972744	3689007	57.70%	13.213%
80	12.989	1818	1821	1826	rVB	218214	316613	4.95%	1.134%
81	13.074	1832	1835	1838	rBV	110989	177815	2.78%	0.637%
82	13.160	1845	1849	1856	rVB2	473376	751915	11.76%	2.693%
83	13.245	1858	1863	1868	rBV	668628	1054427	16.49%	3.777%
84	13.440	1888	1895	1899	rBV4	410837	961865	15.04%	3.445%
85	13.544	1910	1912	1915	rBV	107448	143739	2.25%	0.515%
86	13.580	1915	1918	1922	rVV	320126	433627	6.78%	1.553%
87	13.617	1922	1924	1929	rVB2	140131	167579	2.62%	0.600%
88	13.787	1948	1952	1956	rBV2	82188	123205	1.93%	0.441%
89	13.867	1960	1965	1970	rBV	1199425	1766179	27.62%	6.326%
90	14.086	1998	2001	2005	rVB	108378	145732	2.28%	0.522%
91	14.196	2014	2019	2024	rBV3	122821	205372	3.21%	0.736%
92	14.336	2038	2042	2045	rBV3	97243	172808	2.70%	0.619%
93	14.379	2046	2049	2053	rVV3	165513	237076	3.71%	0.849%
94	14.415	2053	2055	2058	rVV3	79642	95670	1.50%	0.343%
95	14.489	2064	2067	2071	rVB3	99777	124832	1.95%	0.447%
96	14.537	2072	2075	2081	rVB4	97446	165615	2.59%	0.593%
97	14.714	2099	2104	2110	rVB	678655	938853	14.68%	3.363%
98	14.787	2111	2116	2120	rBV	330654	588520	9.20%	2.108%
99	15.312	2198	2202	2207	rBV3	95257	155684	2.43%	0.558%
100	15.543	2236	2240	2249	rVB	137208	223446	3.49%	0.800%

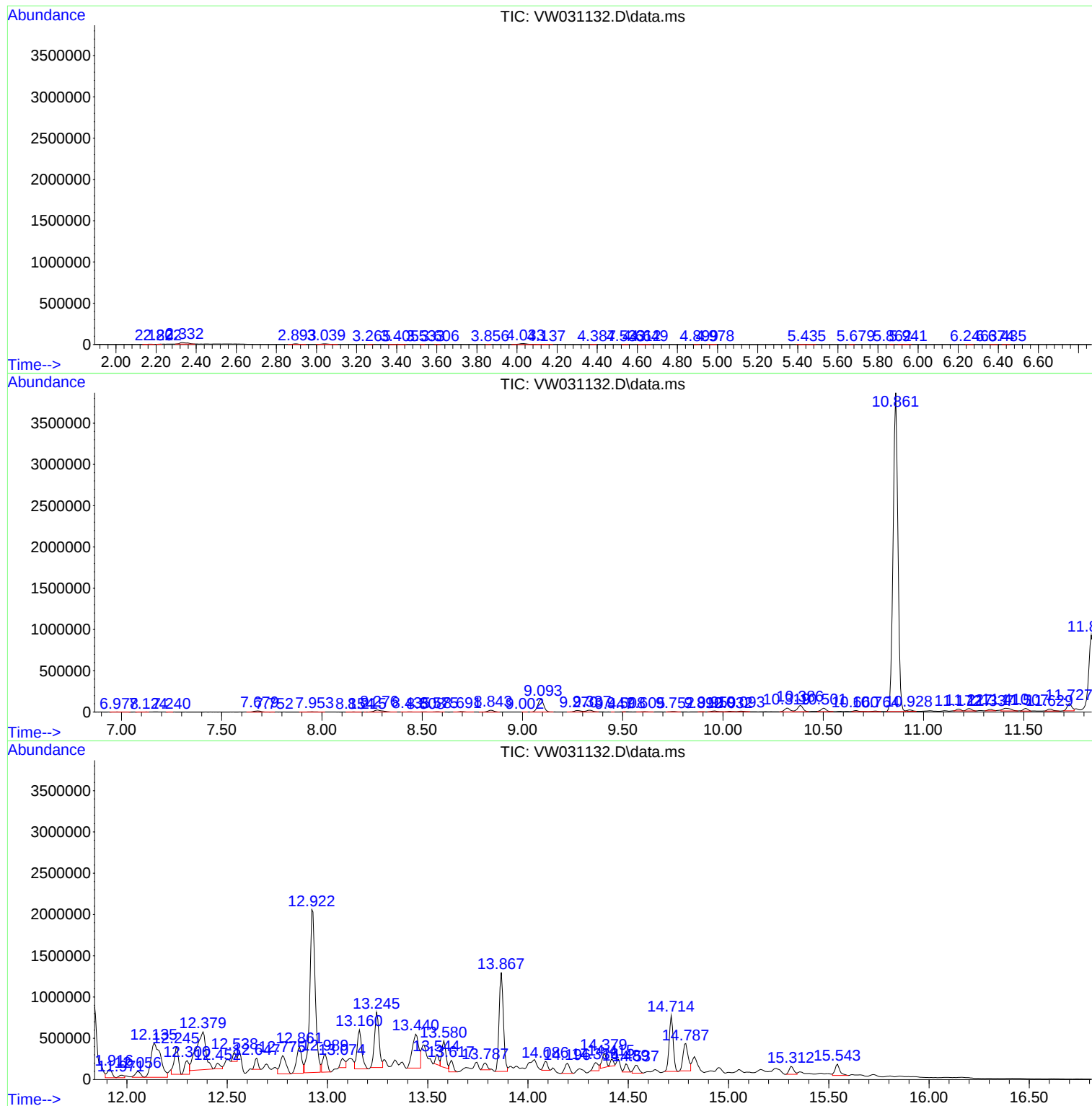
Sum of corrected areas: 27919972

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ALS Vial : 16 Sample Multiplier: 1

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MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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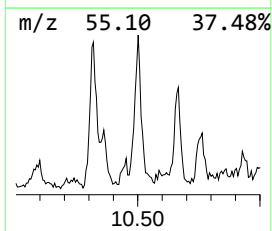
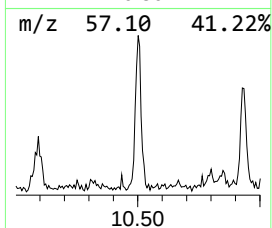
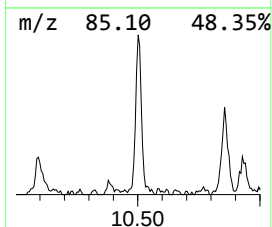
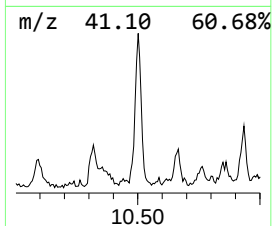
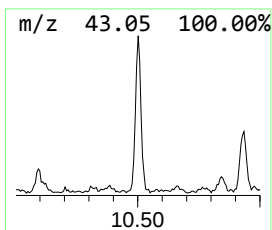
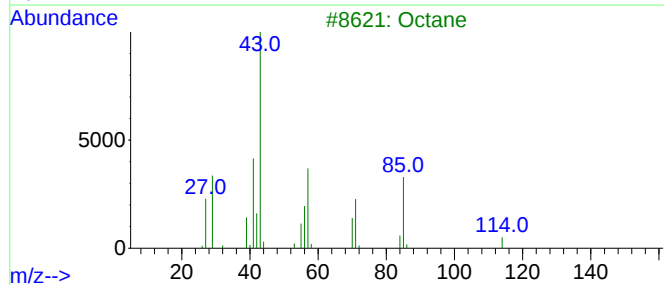
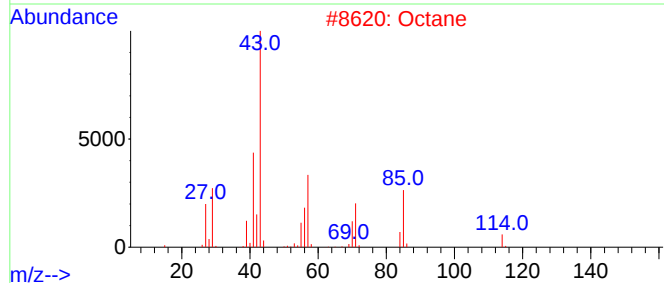
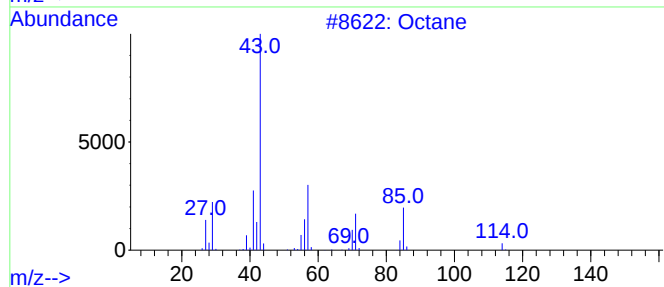
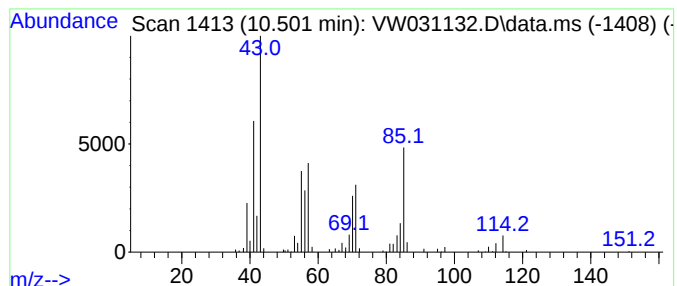
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	42.17 ug/L	75452	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	87
2	Octane			114	C8H18	000111-65-9	87
3	Octane			114	C8H18	000111-65-9	87
4	Octane			114	C8H18	000111-65-9	64
5	Nonane			128	C9H20	000111-84-2	59



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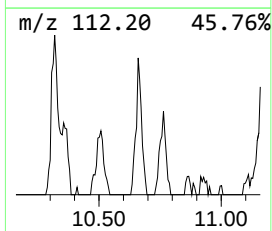
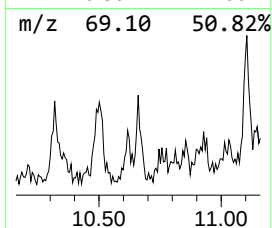
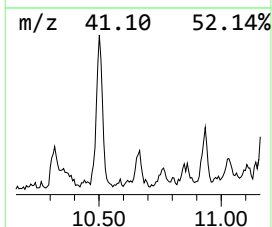
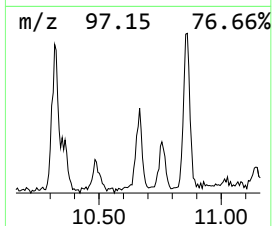
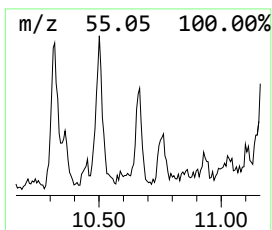
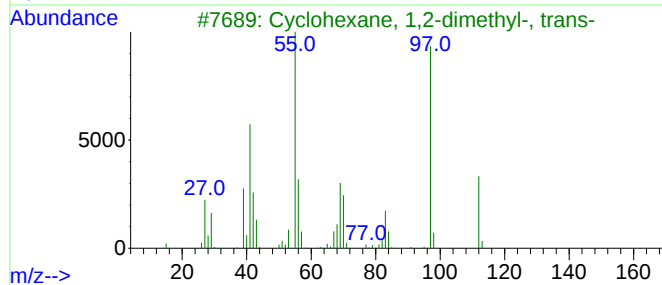
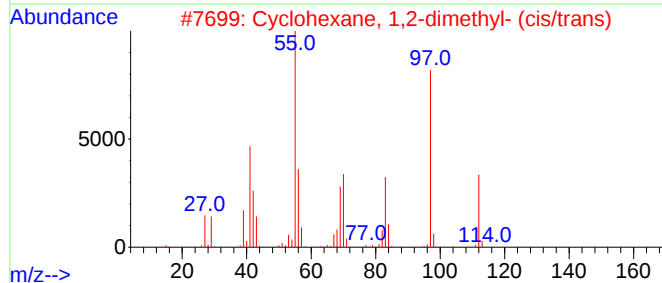
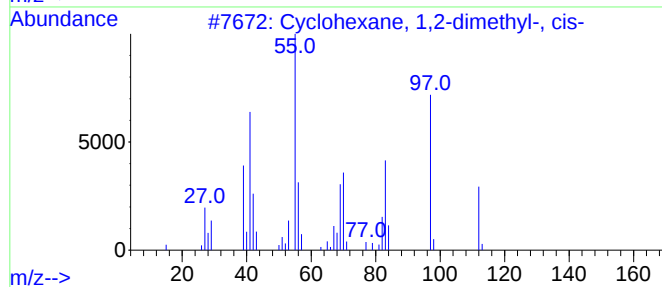
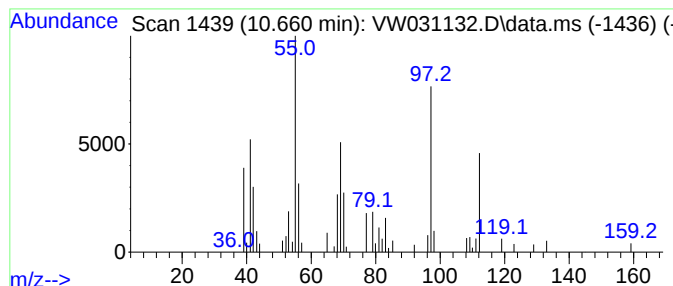
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic10.660 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	14.17 ug/L	25363	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	86
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	59
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	53
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	53
5			1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	49



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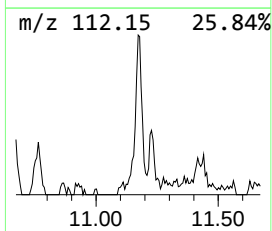
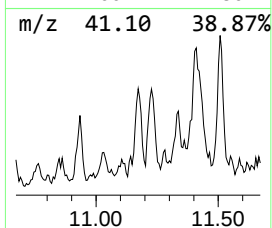
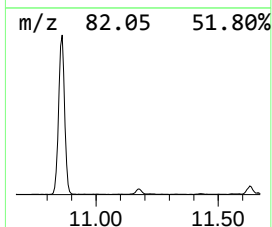
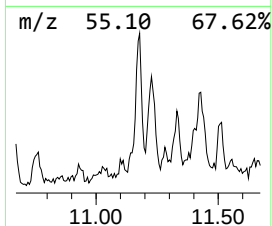
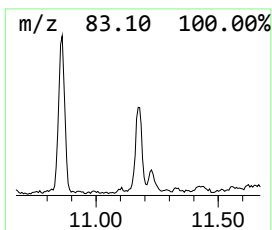
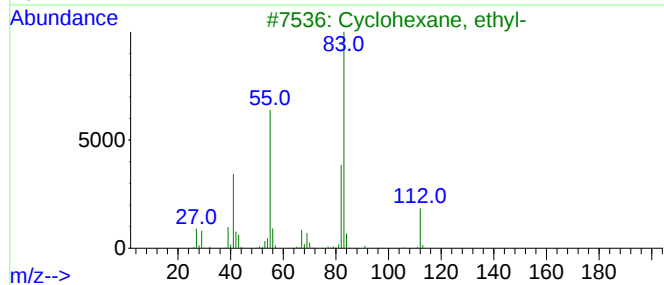
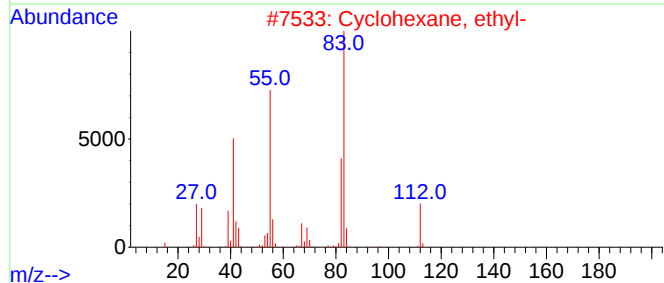
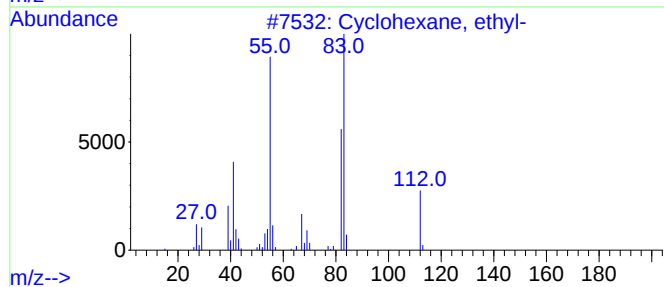
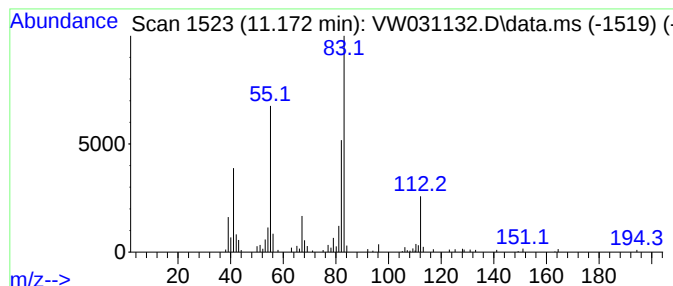
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic11.172 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.172	19.30 ug/L	34539	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5			Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

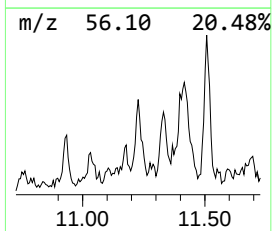
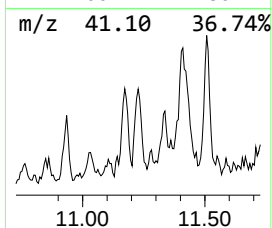
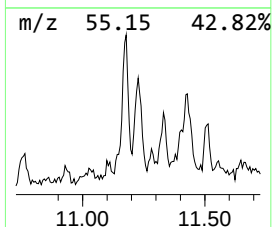
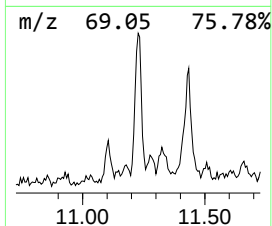
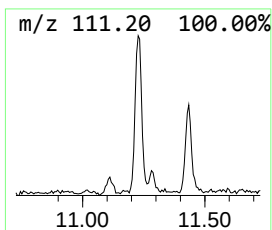
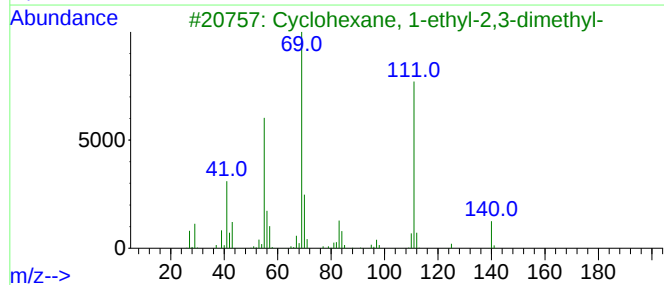
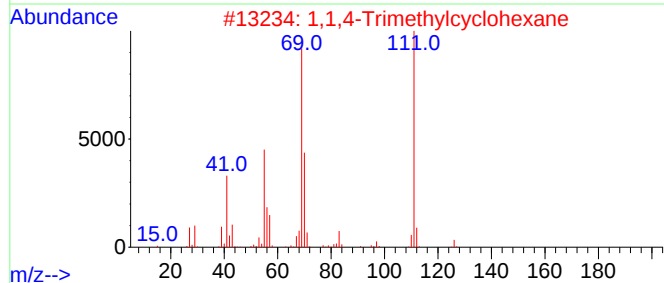
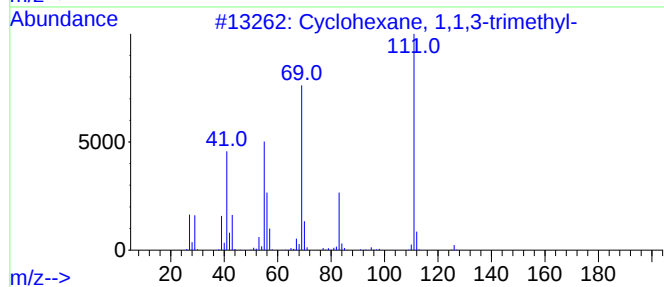
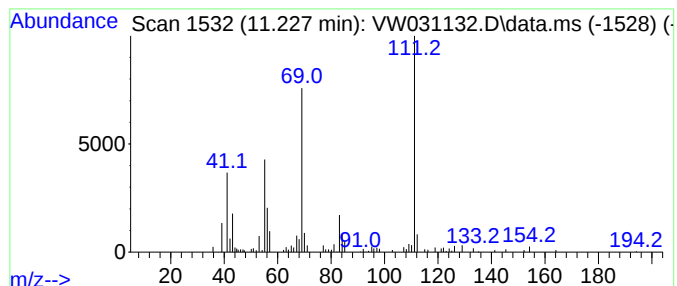
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ClientSampleId :
E28M1

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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.227 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.227	28.23 ug/L	50514	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	78
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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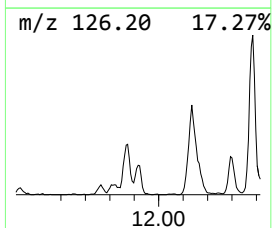
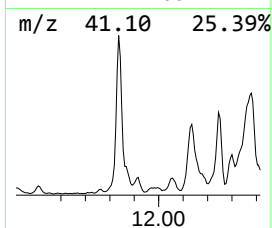
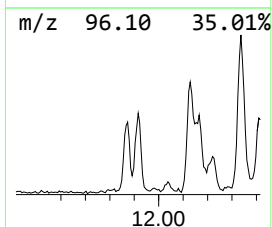
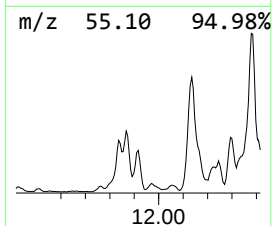
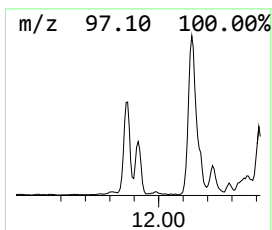
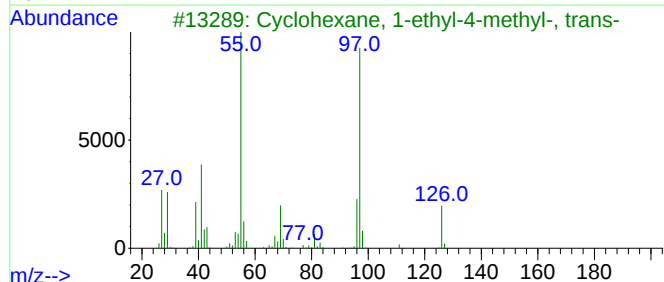
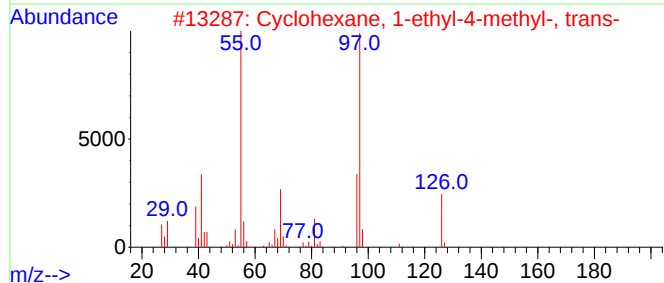
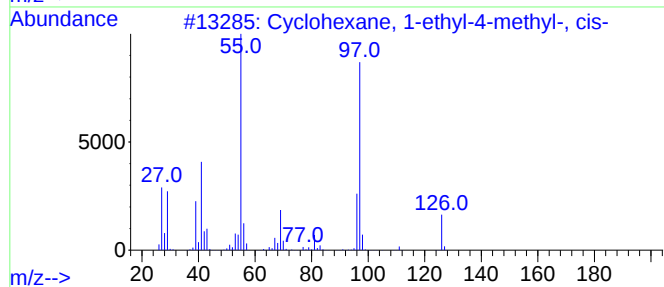
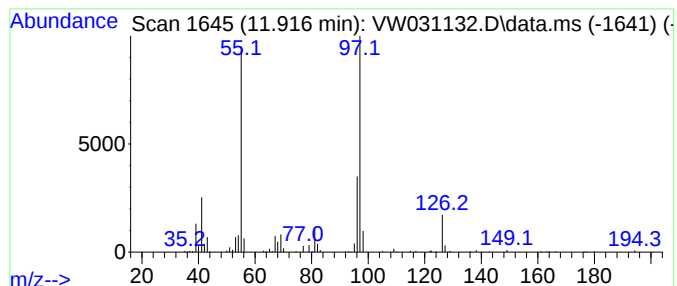
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic11.916 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	93.87 ug/L	167971	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	86
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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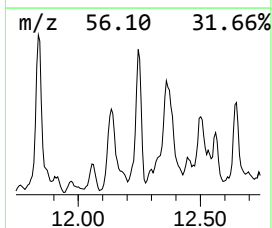
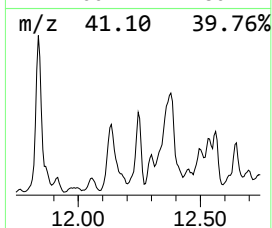
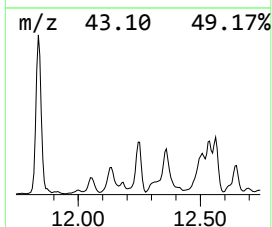
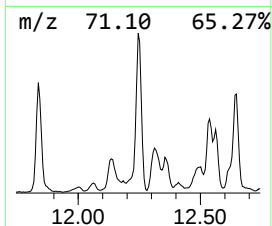
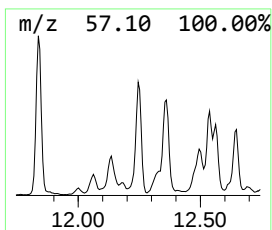
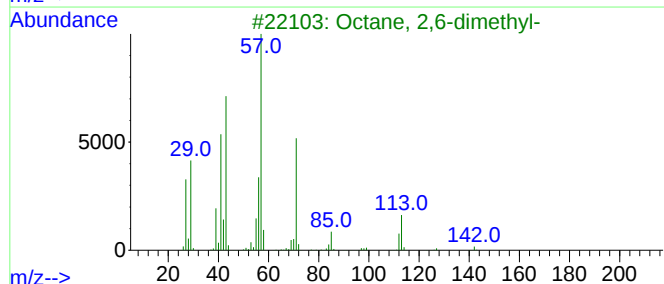
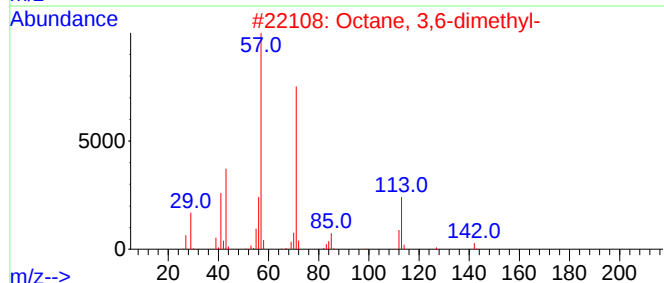
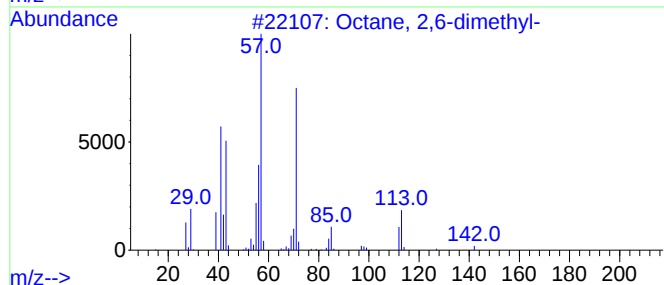
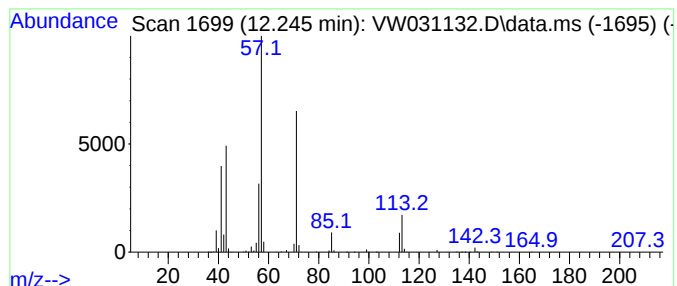
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Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	273.65 ug/L	489679	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	91
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	91
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	90
5	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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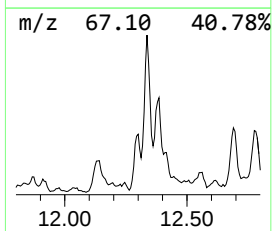
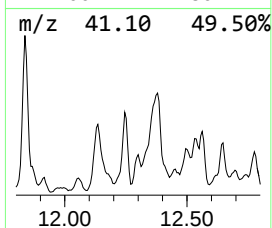
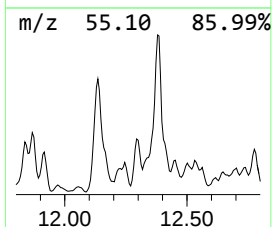
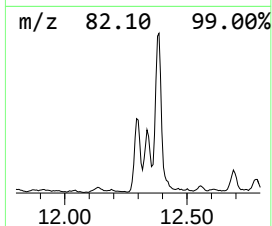
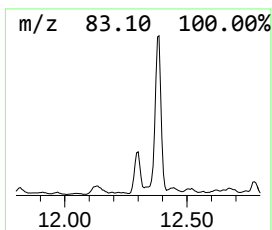
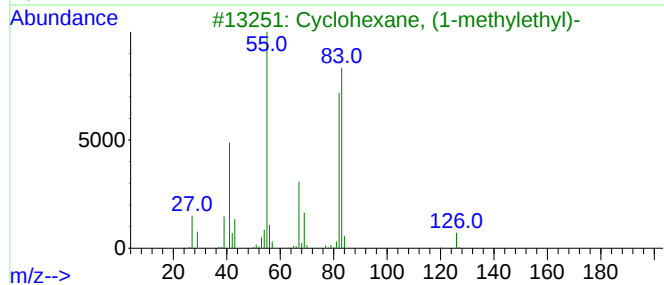
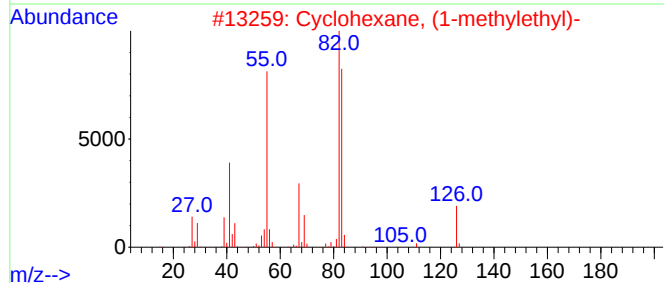
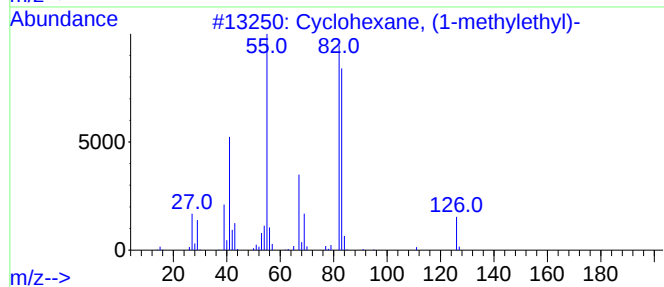
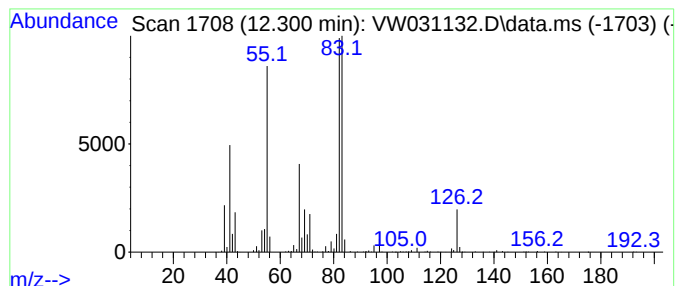
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Cyclic12.300 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.300	148.83 ug/L	266318	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	94
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
5			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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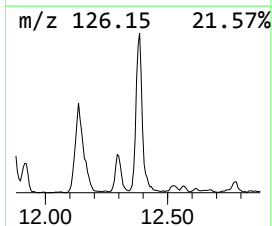
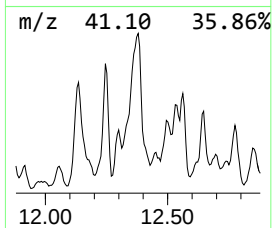
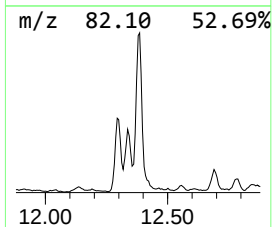
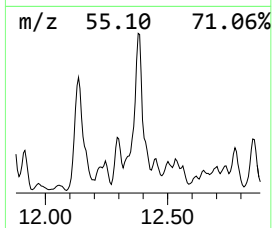
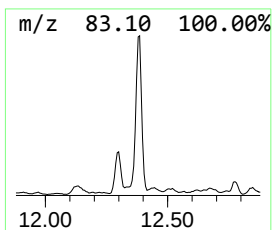
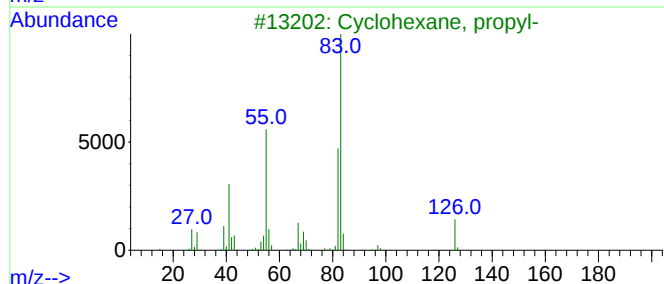
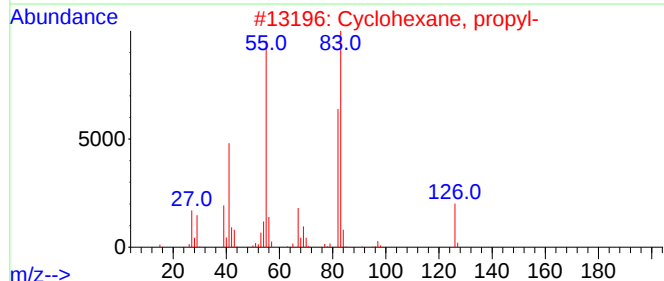
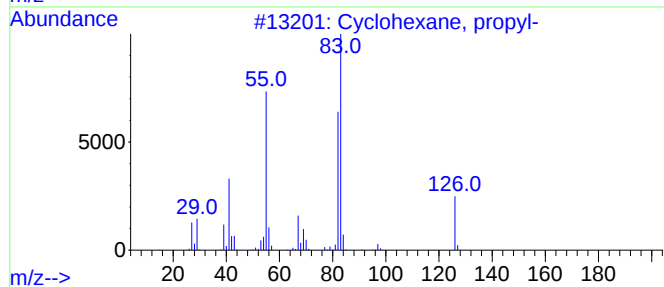
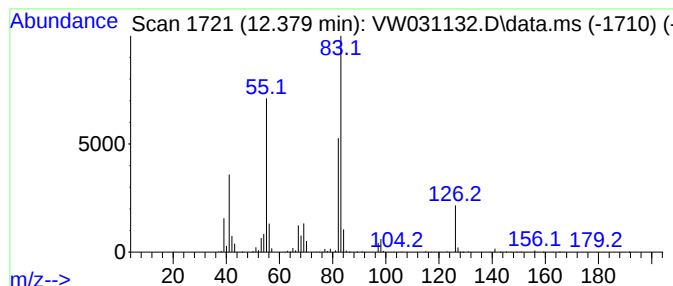
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic12.379 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.379	866.33 ug/L	1550210	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	97
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	91
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	91
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	90
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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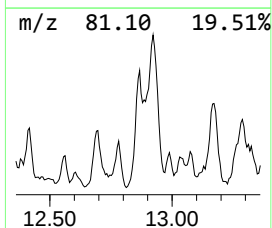
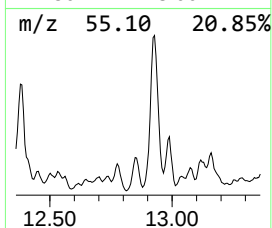
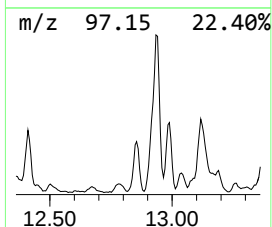
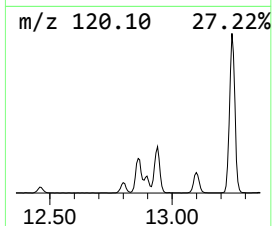
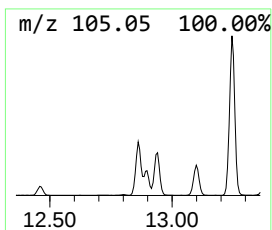
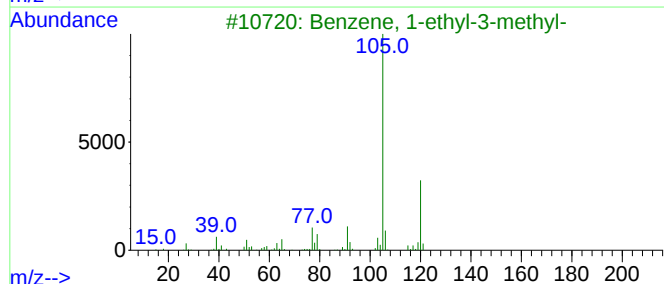
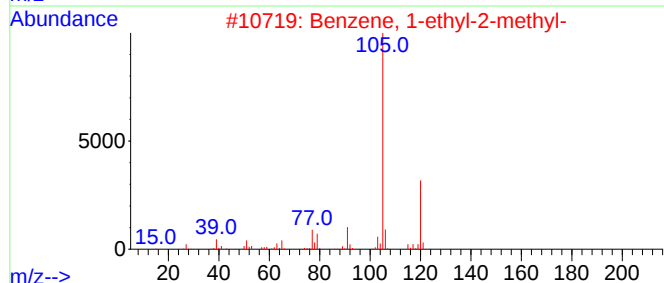
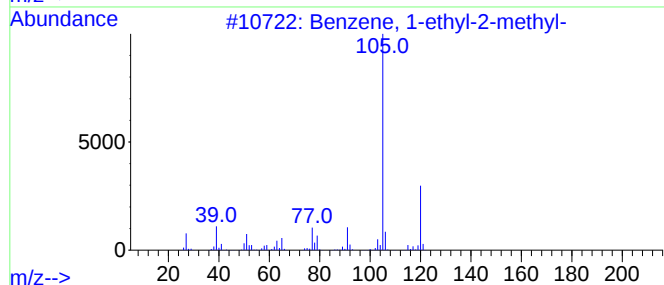
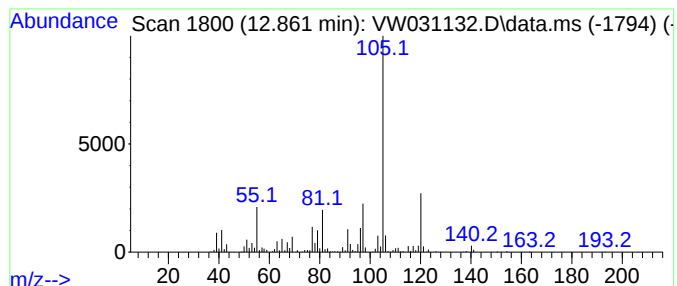
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Quant Title : SFAM01.0

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

Peak Number 33 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	98.96 ug/L	568993	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E28M1

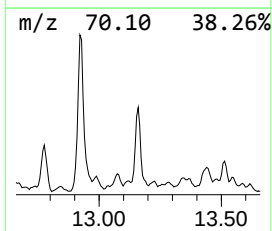
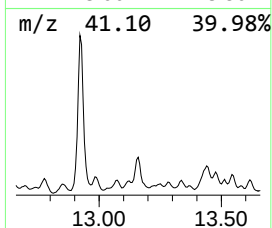
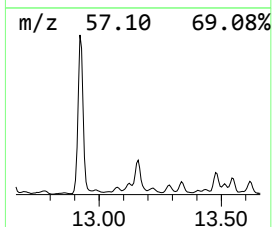
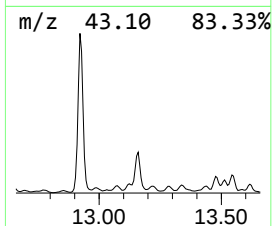
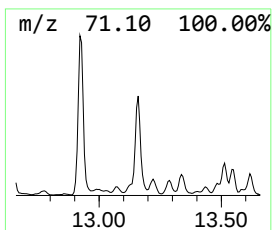
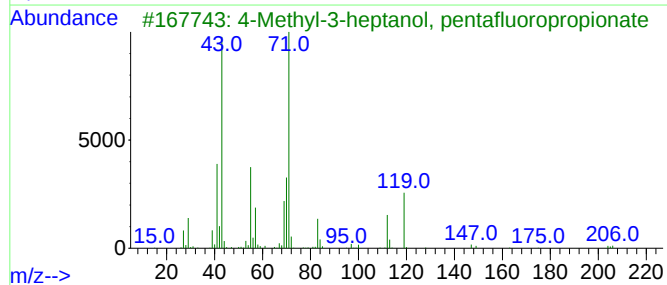
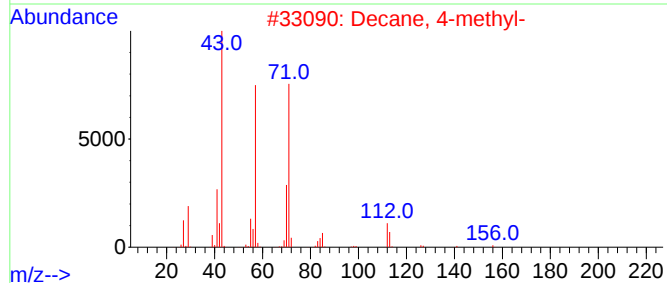
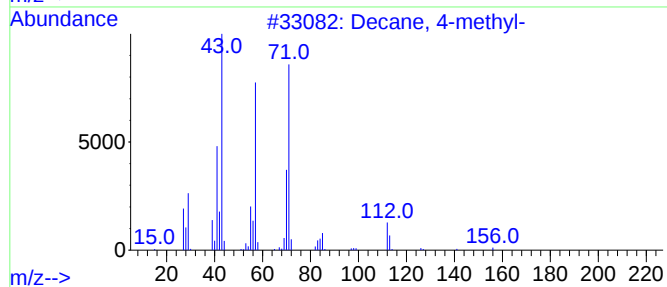
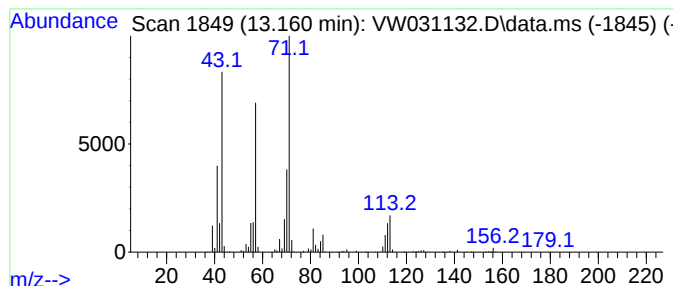
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	130.78 ug/L	751915	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Decane, 4-methyl-	156	C11H24	002847-72-5	87
3			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

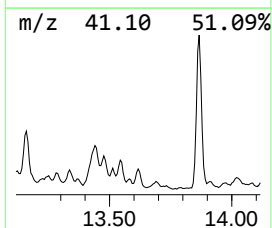
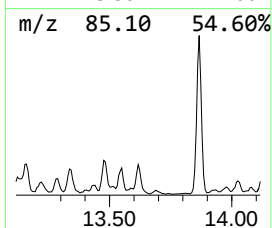
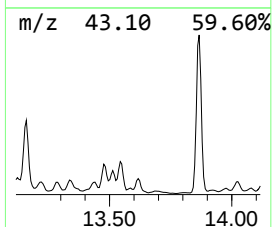
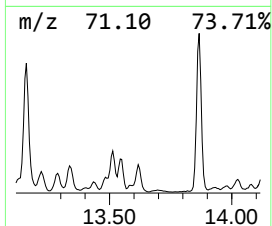
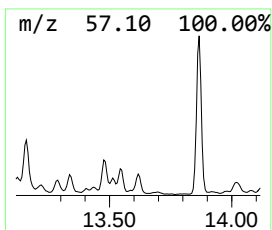
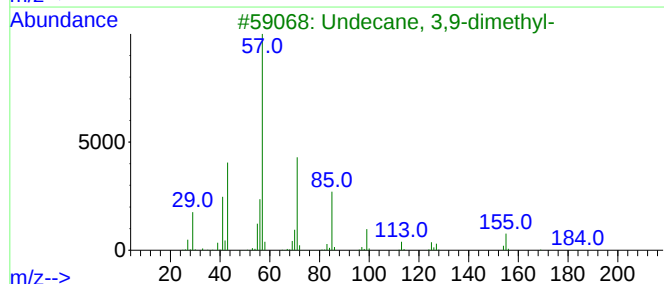
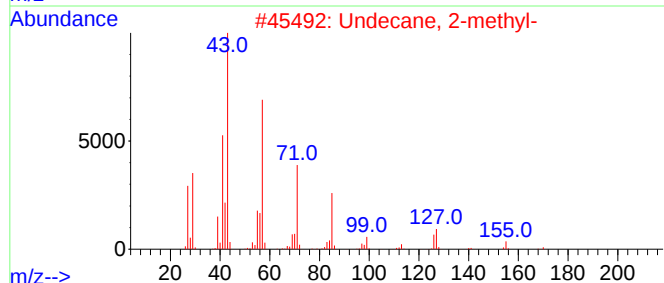
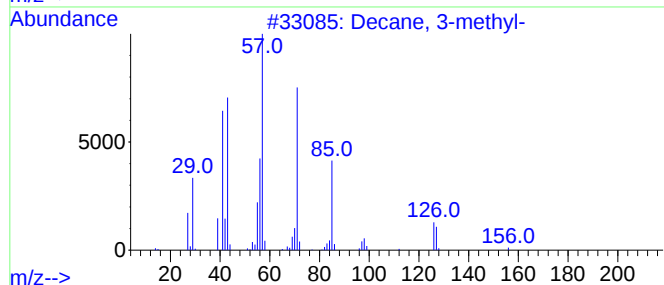
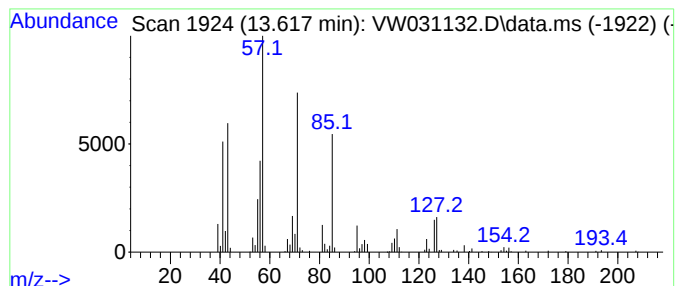
Instrument :
MSVOA_W
ClientSampleId :
E28M1

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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.617	29.15 ug/L	167579	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	Undecane, 2-methyl-		170	C12H26	007045-71-8	64
3	Undecane, 3,9-dimethyl-		184	C13H28	017301-31-4	59
4	Decane, 2,4,6-trimethyl-		184	C13H28	062108-27-4	53
5	Undecane, 4,7-dimethyl-		184	C13H28	017301-32-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

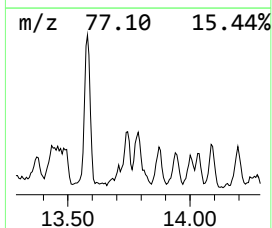
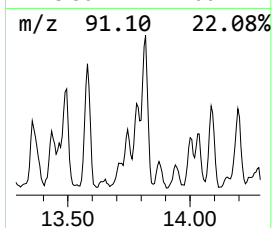
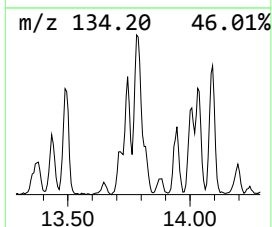
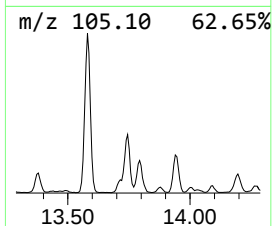
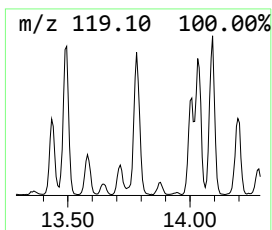
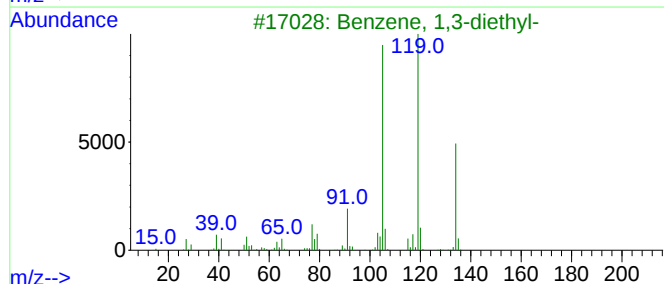
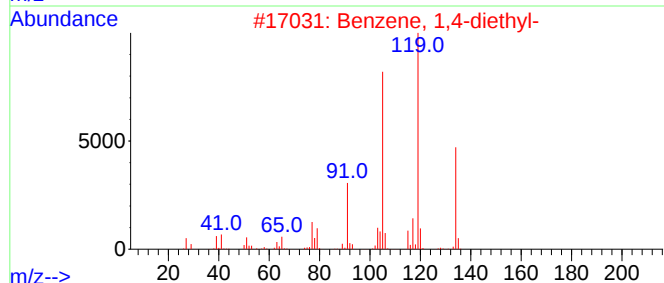
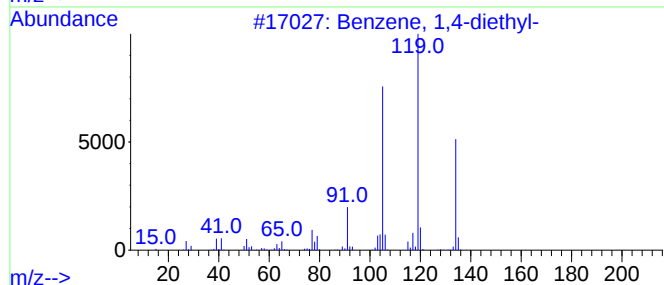
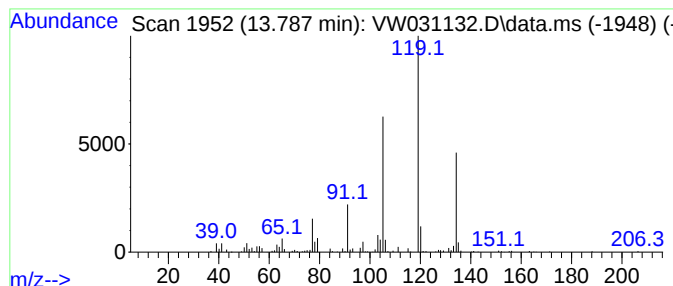
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Quant Title : SFAM01.0

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

Peak Number 38 Benzene, 1,4-diethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	21.43 ug/L	123205	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4			2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	86
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

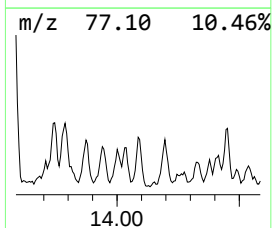
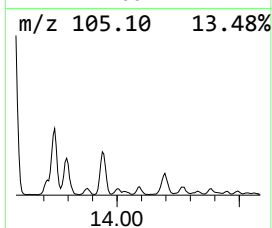
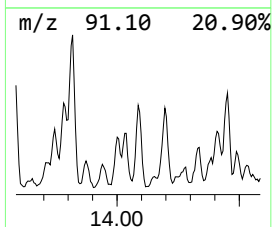
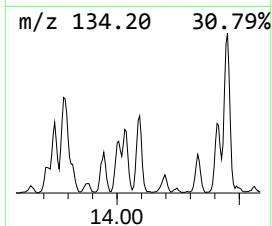
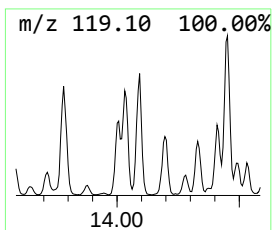
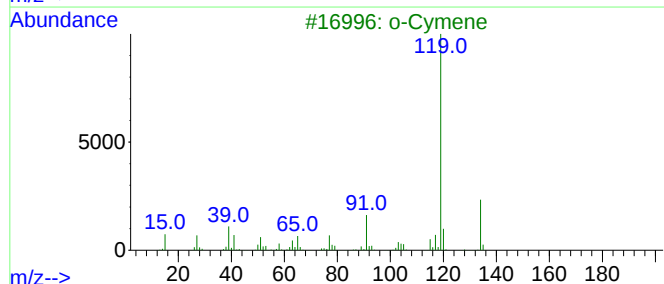
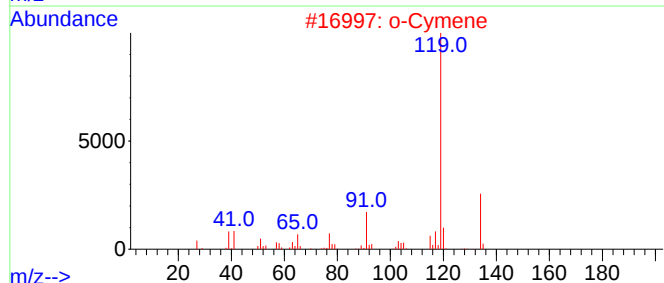
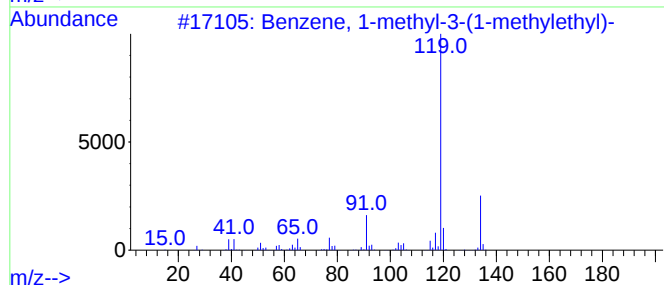
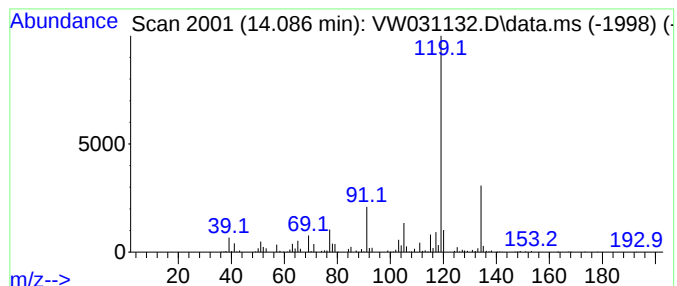
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 1-methyl-3-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	25.35 ug/L	145732	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

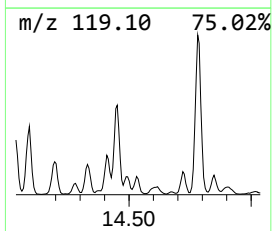
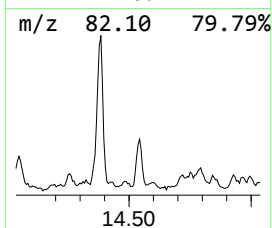
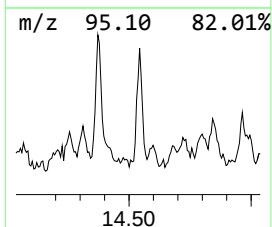
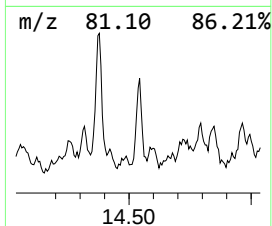
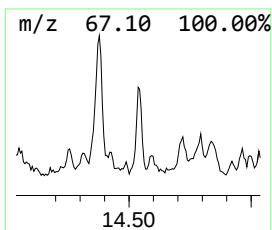
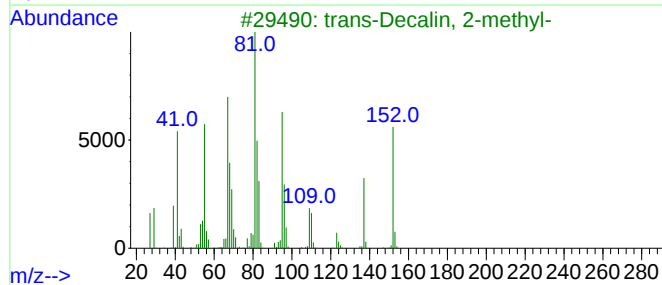
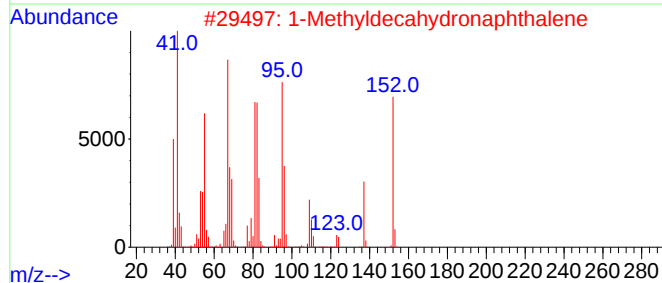
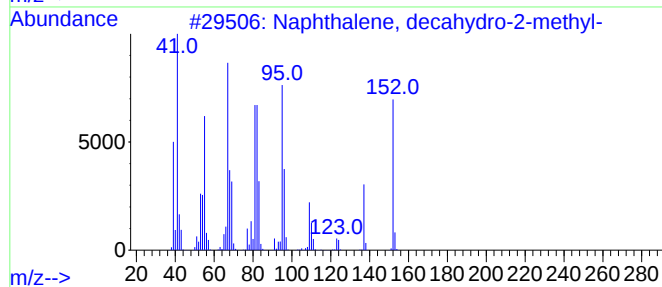
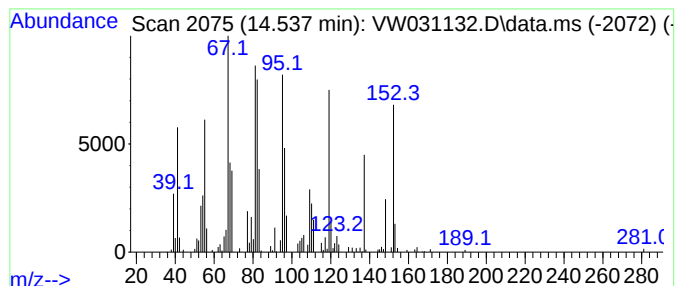
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Quant Title : SFAM01.0

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

Peak Number 45 Naphthalene, decahydro-2-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	28.80 ug/L	165615	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	92
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

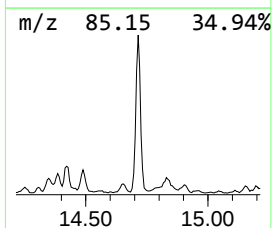
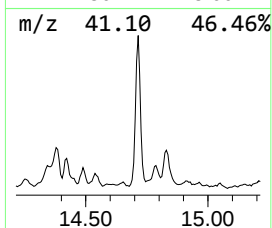
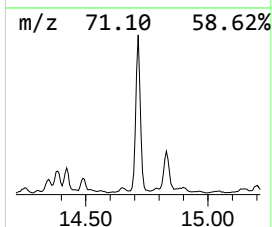
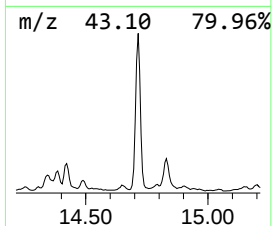
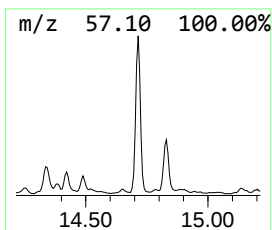
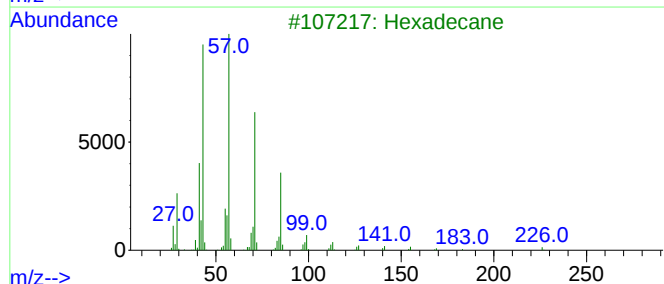
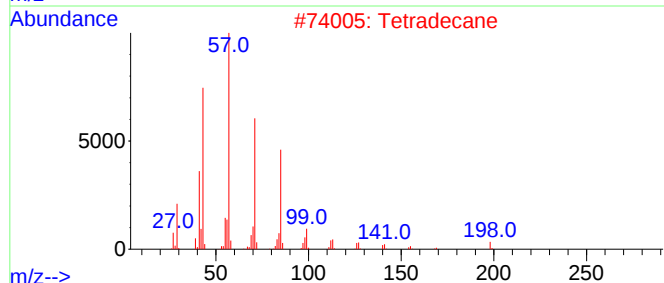
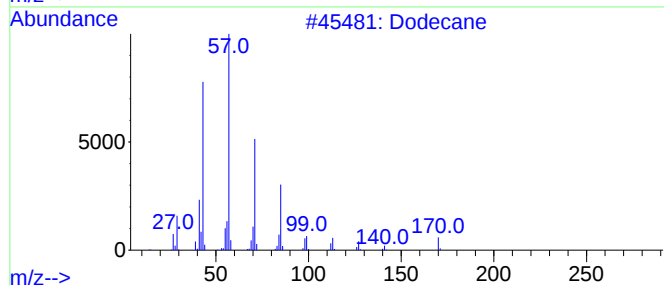
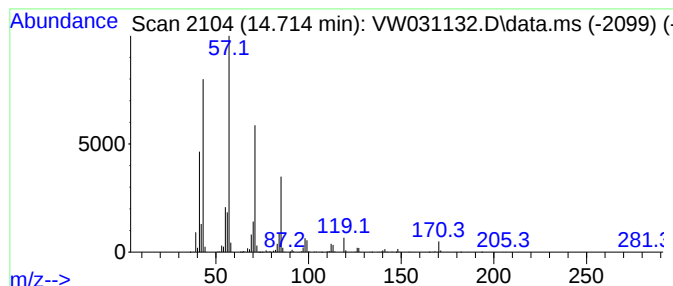
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Quant Title : SFAM01.0

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	163.29 ug/L	938853	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Undecane	156	C11H24	001120-21-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

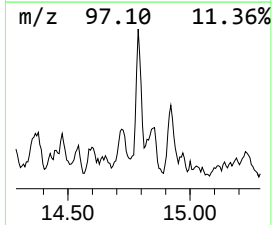
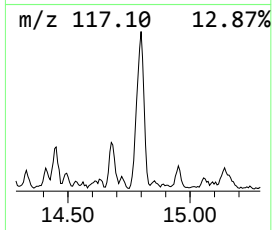
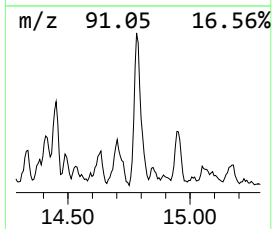
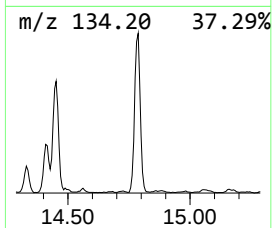
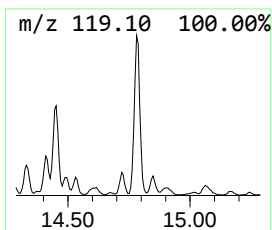
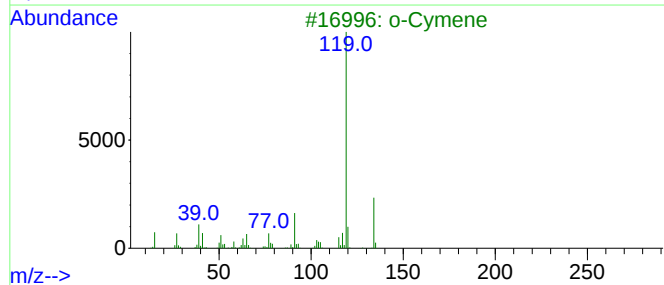
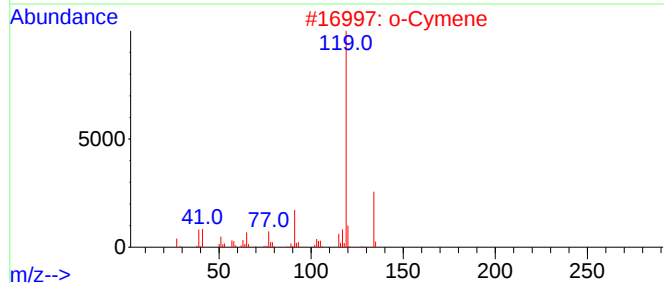
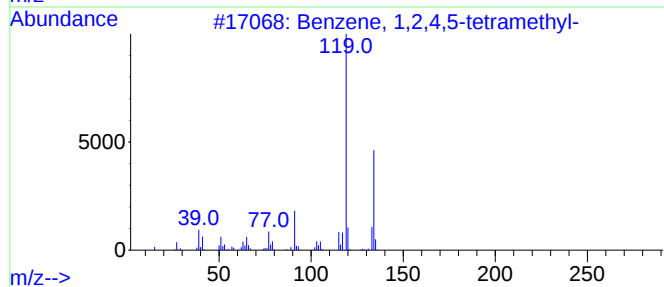
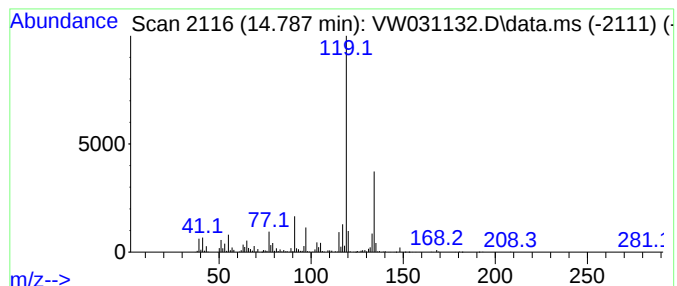
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Quant Title : SFAM01.0

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

Peak Number 47 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	102.36 ug/L	588520	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

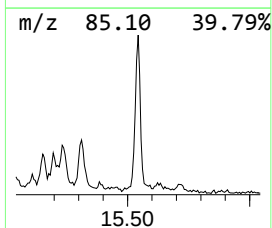
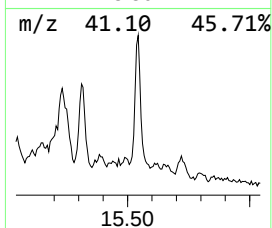
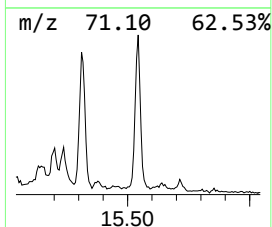
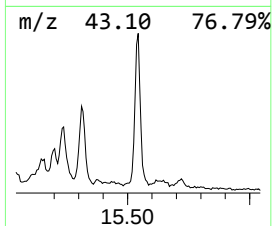
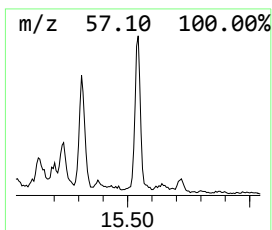
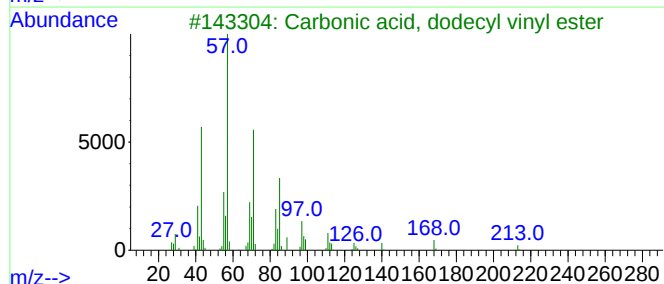
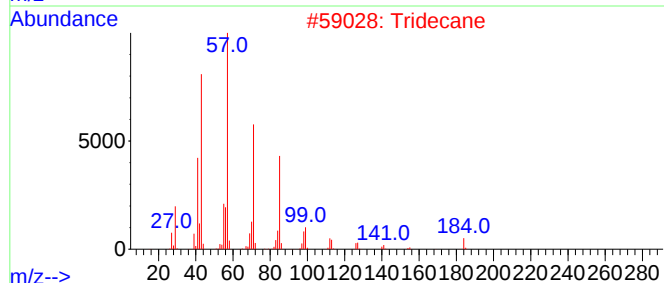
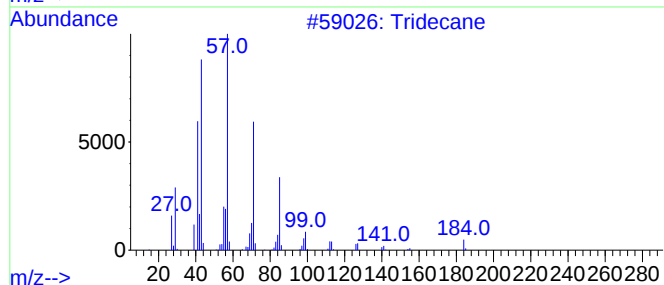
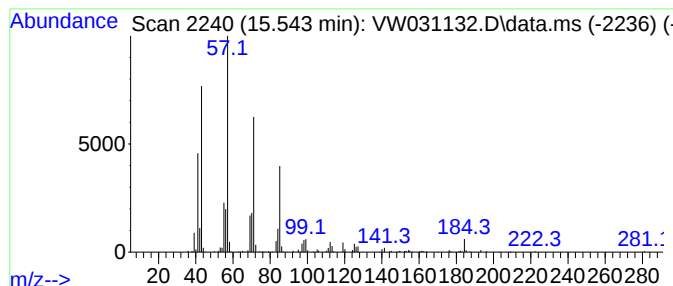
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Quant Title : SFAM01.0

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	38.86 ug/L	223446	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Tridecane	184	C13H28	000629-50-5	93
3		Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	86
4		Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	86
5		Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031132.D
Acq On : 04 Dec 2024 18:09
Operator : SY/MD
Sample : P5066-02
Misc : 8.82g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.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: S...	10.502	42.2	ug/L	75452	2	11.629	44735	25.0	
(DEL) Alkane: C...	10.660	14.2	ug/L	25363	2	11.629	44735	25.0	
(DEL) Alkane: C...	11.172	19.3	ug/L	34539	2	11.629	44735	25.0	
(DEL) Alkane: C...	11.227	28.2	ug/L	50514	2	11.629	44735	25.0	
(DEL) Alkane: C...	11.916	93.9	ug/L	167971	2	11.629	44735	25.0	
(DEL) Alkane: S...	12.245	273.6	ug/L	489679	2	11.629	44735	25.0	
(DEL) Alkane: C...	12.300	148.8	ug/L	266318	2	11.629	44735	25.0	
(DEL) Alkane: C...	12.379	866.3	ug/L	1550210	2	11.629	44735	25.0	
Benzene, 1-ethy...	12.861	99.0	ug/L	568993	3	13.556	143739	25.0	
(DEL) Alkane: S...	13.160	130.8	ug/L	751915	3	13.556	143739	25.0	
(DEL) Alkane: S...	13.617	29.1	ug/L	167579	3	13.556	143739	25.0	
Benzene, 1,4-di...	13.788	21.4	ug/L	123205	3	13.556	143739	25.0	
Benzene, 1-meth...	14.086	25.4	ug/L	145732	3	13.556	143739	25.0	
Naphthalene, de...	14.537	28.8	ug/L	165615	3	13.556	143739	25.0	
(DEL) Alkane: S...	14.714	163.3	ug/L	938853	3	13.556	143739	25.0	
Benzene, 1,2,4,...	14.787	102.4	ug/L	588520	3	13.556	143739	25.0	
(DEL) Alkane: S...	15.543	38.9	ug/L	223446	3	13.556	143739	25.0	