

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029559.D
 Acq On : 12 Jul 2024 18:44
 Operator : SY/MD
 Sample : P3230-04
 Misc : 5.13g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB35

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\SFAMWLM070824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.253	45	60	61	rBV	36808	145122	0.19%	0.138%
2	2.369	73	79	89	rBV2	72898	172195	0.22%	0.163%
3	2.899	159	166	179	rVB	47930	135623	0.18%	0.129%
4	3.533	268	270	274	rVB3	1604	1578	0.00%	0.001%
5	4.021	338	350	362	rBV	114972	377648	0.49%	0.358%
6	4.118	362	366	381	rVB	14484	41359	0.05%	0.039%
7	4.393	403	411	426	rVB2	5448	19752	0.03%	0.019%
8	4.929	485	499	516	rVV3	24660	102564	0.13%	0.097%
9	5.429	574	581	587	rBV3	3441	8207	0.01%	0.008%
10	5.941	655	665	674	rVV3	7671	23744	0.03%	0.023%
11	6.898	814	822	832	rBV2	11968	36734	0.05%	0.035%
12	7.075	842	851	857	rBV	46426	129519	0.17%	0.123%
13	7.167	857	866	882	rVB	1724894	4601237	6.01%	4.367%
14	7.545	925	928	934	rVB4	1793	2515	0.00%	0.002%
15	7.648	934	945	960	rVB	190629	471219	0.62%	0.447%
16	8.154	1024	1028	1035	rVB6	1439	3198	0.00%	0.003%
17	8.276	1035	1048	1067	rBV2	381951	1156237	1.51%	1.097%
18	8.563	1088	1095	1102	rVB7	1535	4072	0.01%	0.004%
19	8.697	1110	1117	1125	rBV2	7700	17604	0.02%	0.017%
20	8.843	1128	1141	1153	rBV	532426	1076636	1.41%	1.022%
21	9.093	1166	1182	1200	rBV	2961913	5931428	7.75%	5.630%
22	9.270	1204	1211	1219	rBV	263521	548543	0.72%	0.521%
23	9.386	1227	1230	1233	rBV3	1599	1829	0.00%	0.002%
24	9.520	1247	1252	1256	rVB7	1184	1912	0.00%	0.002%
25	9.587	1256	1263	1264	rBV5	2160	3656	0.00%	0.003%
26	9.752	1284	1290	1296	rVB8	3160	7956	0.01%	0.008%
27	9.898	1308	1314	1318	rBV	6428	11427	0.01%	0.011%
28	9.959	1318	1324	1331	rVV2	51019	116933	0.15%	0.111%
29	10.032	1331	1336	1342	rVV	148401	272972	0.36%	0.259%
30	10.093	1342	1346	1360	rVB3	53169	128663	0.17%	0.122%
31	10.209	1360	1365	1367	rBV6	3227	5672	0.01%	0.005%
32	10.319	1376	1383	1389	rBV	591231	1123306	1.47%	1.066%
33	10.386	1389	1394	1401	rVV	218198	414206	0.54%	0.393%
34	10.447	1401	1404	1406	rVV3	5265	6410	0.01%	0.006%
35	10.508	1406	1414	1421	rVV	343276	607463	0.79%	0.577%
36	10.581	1421	1426	1435	rVV2	101071	227573	0.30%	0.216%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Title : SFAM01.0

37	10.666	1435	1440	1445	rBV3	49047	83466	0.11%	0.079%
38	10.764	1451	1456	1461	rBV2	71238	133362	0.17%	0.127%
39	10.867	1461	1473	1474	rBV2	49611619	76548299	100.00%	72.655%
40	10.995	1491	1494	1497	rBV	45179	69871	0.09%	0.066%
41	11.032	1497	1500	1509	rVB3	114738	231723	0.30%	0.220%
42	11.111	1509	1513	1516	rBV2	69720	113396	0.15%	0.108%
43	11.178	1520	1524	1529	rVV2	206531	360192	0.47%	0.342%
44	11.233	1529	1533	1536	rVV	113625	192332	0.25%	0.183%
45	11.276	1536	1540	1546	rVV2	81165	155642	0.20%	0.148%
46	11.337	1546	1550	1553	rVV2	100047	151746	0.20%	0.144%
47	11.410	1553	1562	1573	rVB3	364458	1039849	1.36%	0.987%
48	11.507	1573	1578	1584	rBV2	329936	591085	0.77%	0.561%
49	11.629	1592	1598	1605	rBV	686578	1195869	1.56%	1.135%
50	11.721	1605	1613	1617	rBV3	76318	211822	0.28%	0.201%
51	11.763	1617	1620	1623	rVB	49680	62909	0.08%	0.060%
52	11.837	1623	1632	1636	rBV2	1005531	1823300	2.38%	1.731%
53	11.916	1642	1645	1650	rVB	104185	159311	0.21%	0.151%
54	11.965	1650	1653	1658	rBV5	8763	17859	0.02%	0.017%
55	12.056	1661	1668	1673	rVB5	28616	73294	0.10%	0.070%
56	12.135	1674	1681	1683	rBV4	133402	260256	0.34%	0.247%
57	12.160	1683	1685	1693	rVV	151837	266313	0.35%	0.253%
58	12.245	1693	1699	1704	rVV2	31827	73546	0.10%	0.070%
59	12.300	1704	1708	1710	rVV3	22832	36327	0.05%	0.034%
60	12.336	1710	1714	1717	rVV	49462	93659	0.12%	0.089%
61	12.385	1717	1722	1731	rVB2	80161	169448	0.22%	0.161%
62	12.605	1754	1758	1762	rVB	27645	40212	0.05%	0.038%
63	12.647	1762	1765	1767	rBV	6862	8071	0.01%	0.008%
64	12.690	1767	1772	1782	rVB	218678	365206	0.48%	0.347%
65	12.775	1782	1786	1789	rBV4	8229	14209	0.02%	0.013%
66	12.861	1794	1800	1804	rBV	43003	78018	0.10%	0.074%
67	12.897	1804	1806	1807	rVV	11918	11654	0.02%	0.011%
68	12.934	1807	1812	1818	rVB2	74887	145701	0.19%	0.138%
69	12.989	1818	1821	1827	rVB3	4942	7891	0.01%	0.007%
70	13.105	1832	1840	1842	rBV	11170	22826	0.03%	0.022%
71	13.141	1842	1846	1853	rVB3	27366	46820	0.06%	0.044%
72	13.245	1853	1863	1868	rBV2	65186	123802	0.16%	0.118%
73	13.330	1868	1877	1884	rBV3	47333	125092	0.16%	0.119%
74	13.452	1891	1897	1900	rBV5	18782	34027	0.04%	0.032%
75	13.483	1900	1902	1907	rVV4	13235	18917	0.02%	0.018%
76	13.556	1907	1914	1926	rVV	674659	1150906	1.50%	1.092%

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 Title : SFAM01.0

77	13.647	1926	1929	1931	rVV	8115	11720	0.02%	0.011%
78	13.672	1931	1933	1941	rVV4	9972	16738	0.02%	0.016%
79	13.751	1941	1946	1949	rVV5	8095	14398	0.02%	0.014%
80	13.781	1949	1951	1955	rVV4	5485	7727	0.01%	0.007%
81	13.848	1955	1962	1974	rVB	410793	678113	0.89%	0.644%
82	14.013	1984	1989	1991	rBV4	5333	9328	0.01%	0.009%
83	14.062	1992	1997	2004	rVV2	19823	39730	0.05%	0.038%
84	14.184	2004	2017	2029	rVV10	24060	104002	0.14%	0.099%
85	14.287	2029	2034	2036	rVV6	6302	11189	0.01%	0.011%
86	14.318	2036	2039	2045	rVB5	8786	14546	0.02%	0.014%
87	14.458	2051	2062	2072	rBV3	44022	134086	0.18%	0.127%
88	14.677	2096	2098	2102	rBV4	1451	1762	0.00%	0.002%
89	14.781	2110	2115	2116	rBV5	3076	3838	0.01%	0.004%
90	14.958	2141	2144	2149	rVB7	2636	3467	0.00%	0.003%
91	15.171	2175	2179	2181	rBV4	1278	2066	0.00%	0.002%
92	15.342	2199	2207	2214	rBV6	6707	20198	0.03%	0.019%
93	15.397	2214	2216	2220	rVB5	1493	2096	0.00%	0.002%
94	15.476	2225	2229	2234	rVV2	6659	14247	0.02%	0.014%
95	15.513	2234	2235	2237	rVV2	2160	2248	0.00%	0.002%
96	15.543	2237	2240	2246	rVB6	4015	7385	0.01%	0.007%
97	15.854	2285	2291	2298	rVB6	1947	5119	0.01%	0.005%
98	15.958	2303	2308	2313	rBV7	1989	4758	0.01%	0.005%
99	16.445	2385	2388	2390	rVV4	1748	2521	0.00%	0.002%
100	16.476	2392	2393	2398	rVV5	1384	1761	0.00%	0.002%

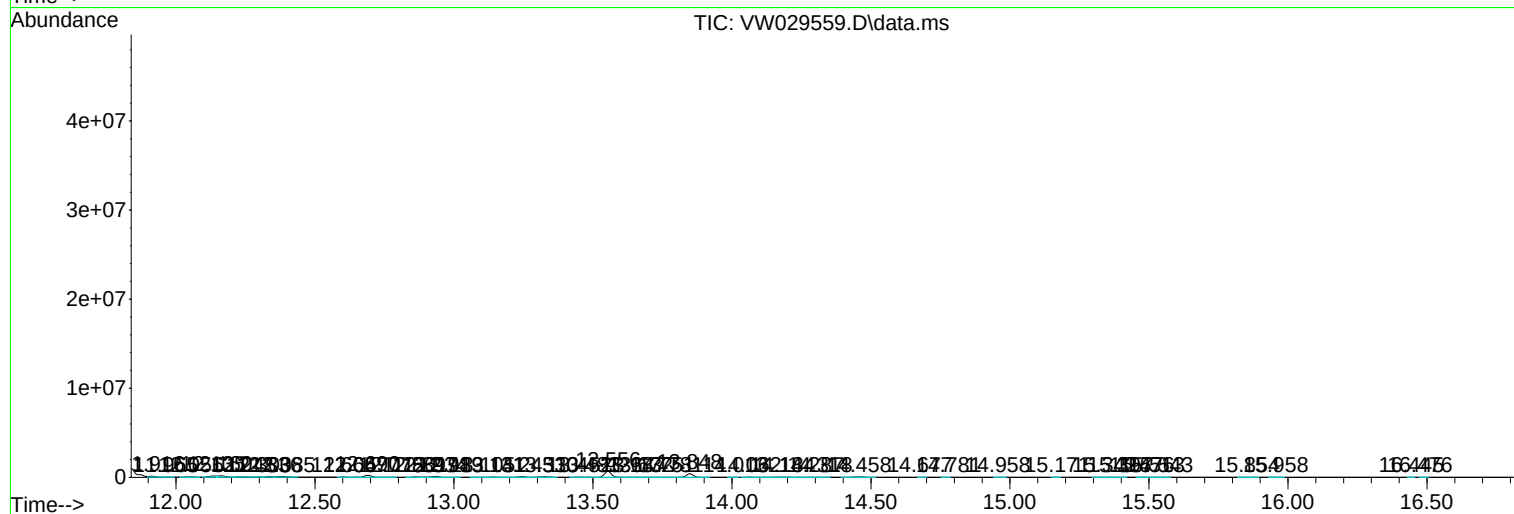
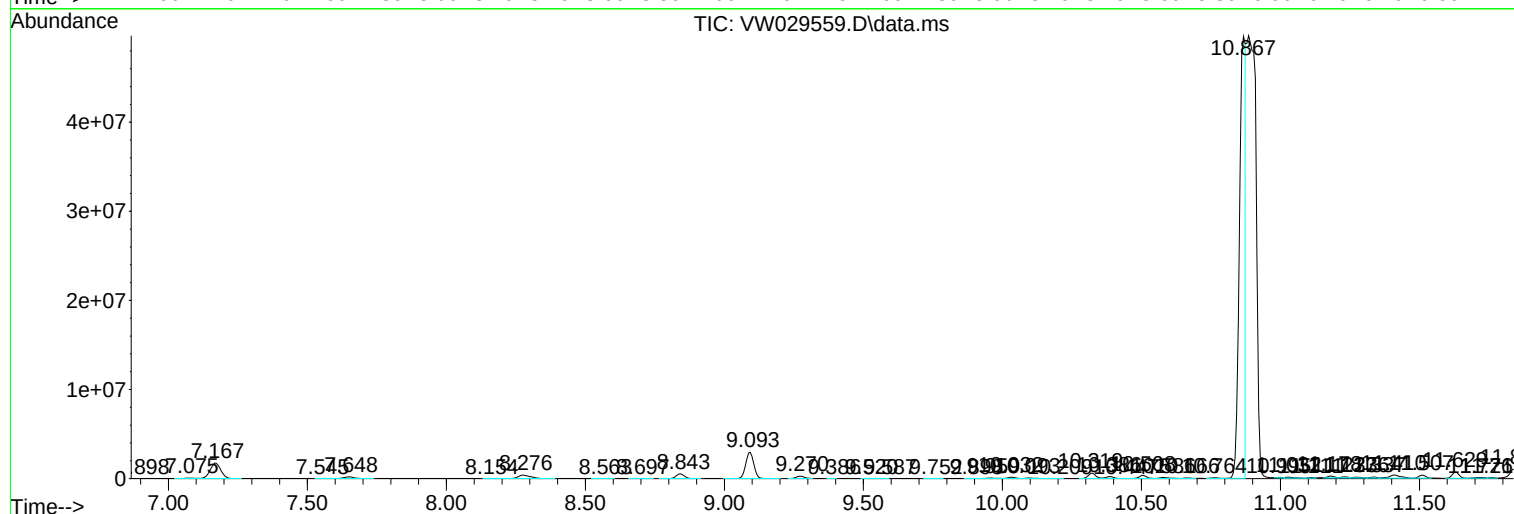
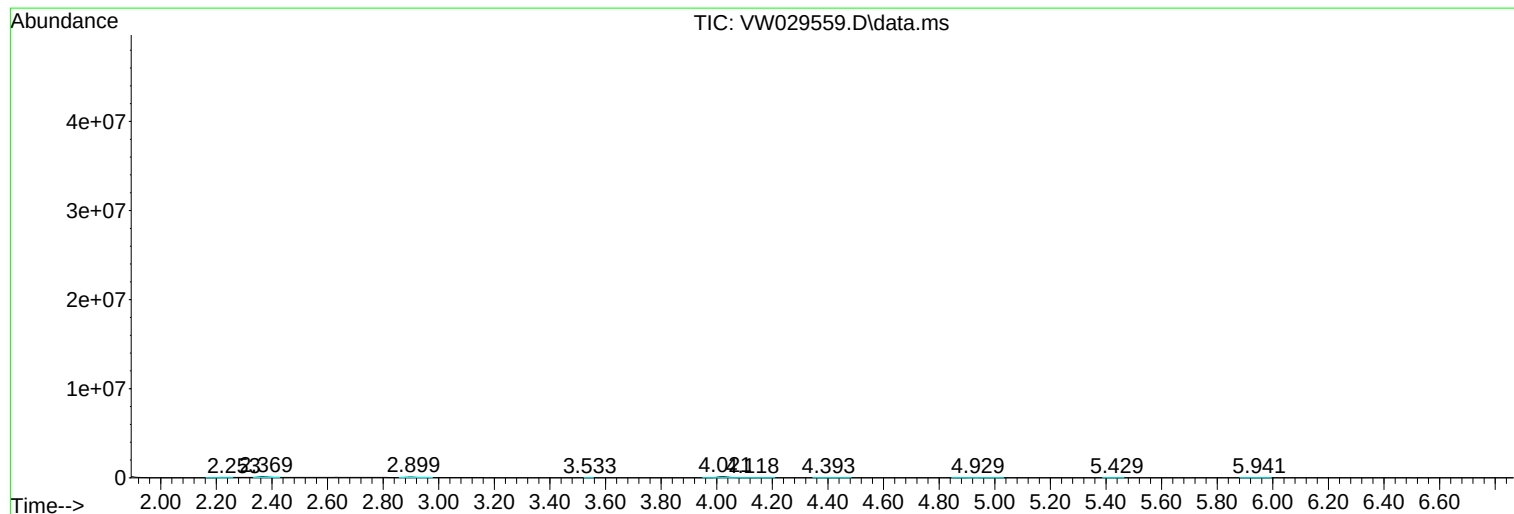
Sum of corrected areas: 105357983

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.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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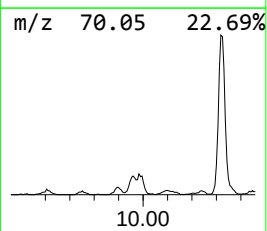
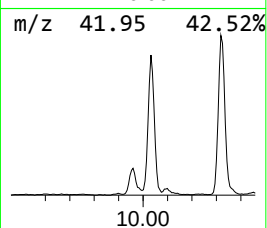
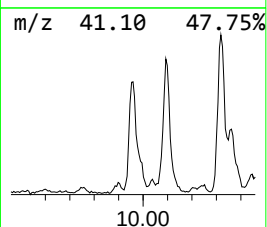
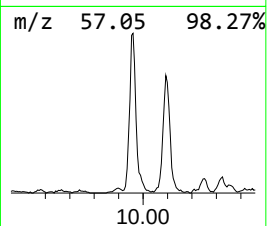
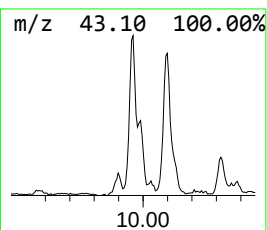
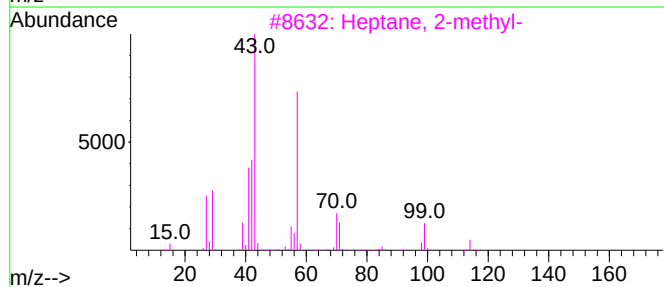
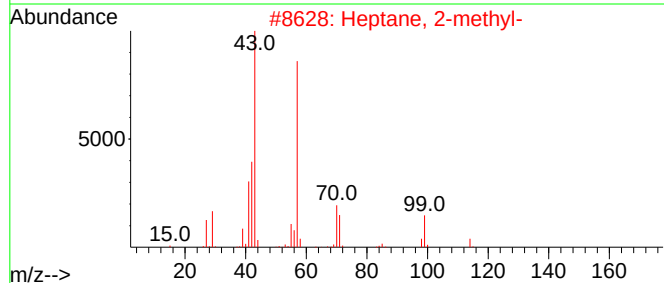
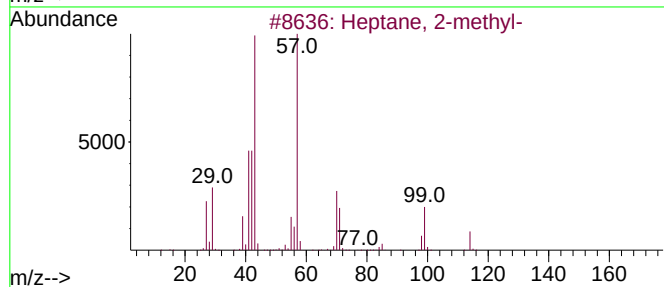
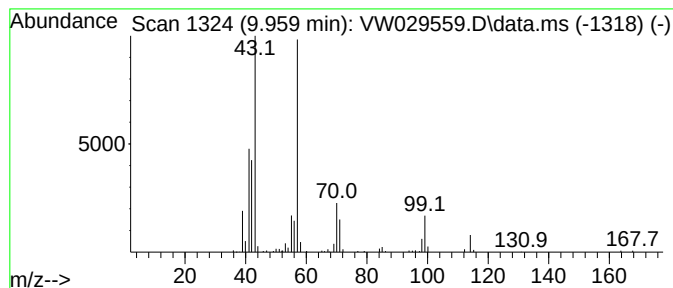
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	2.72 ug/L	116933	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74



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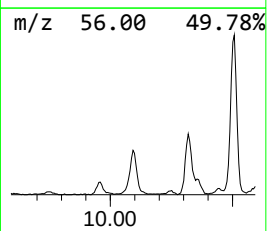
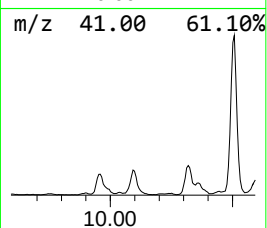
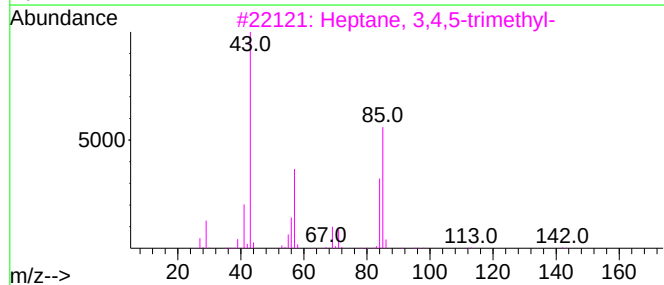
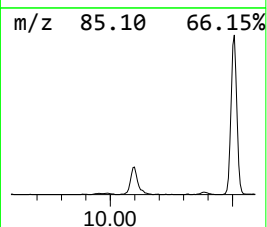
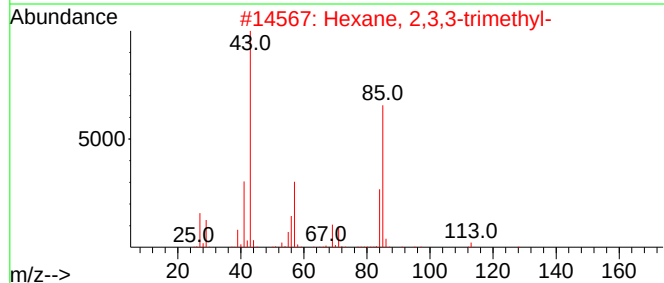
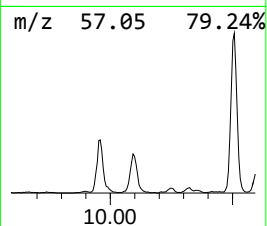
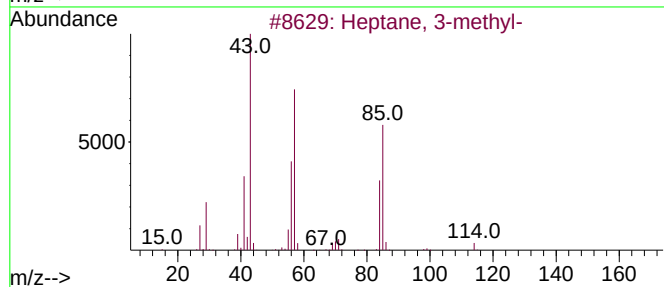
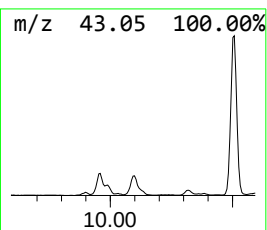
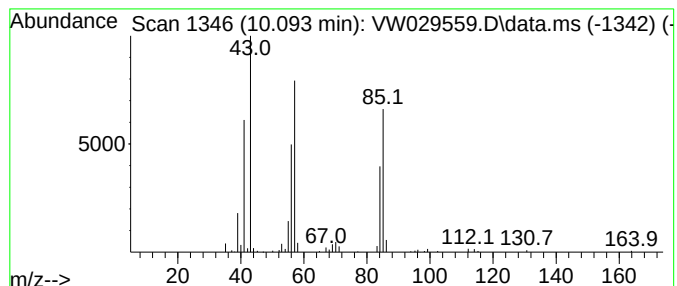
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	2.99 ug/L	128663	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
3			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
5			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	53



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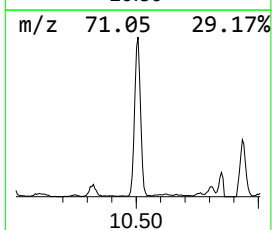
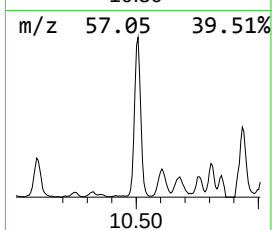
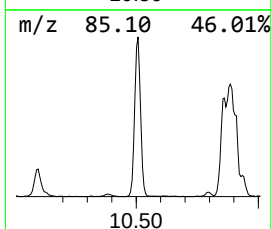
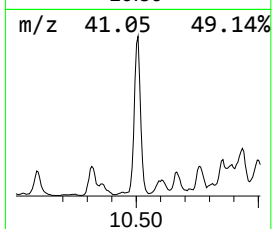
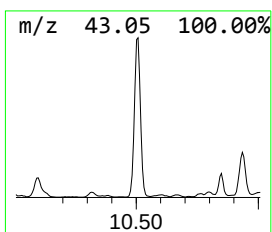
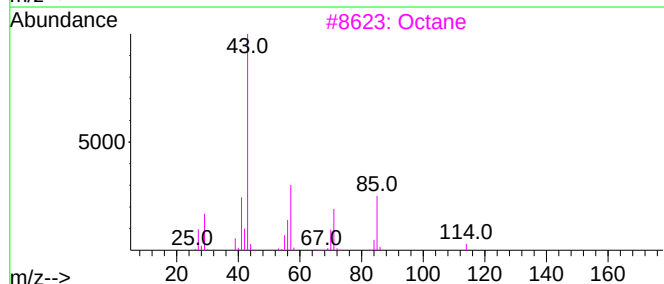
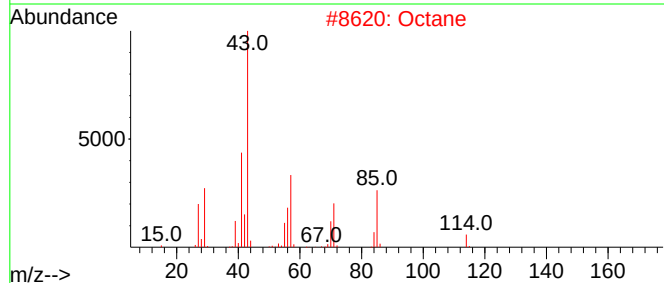
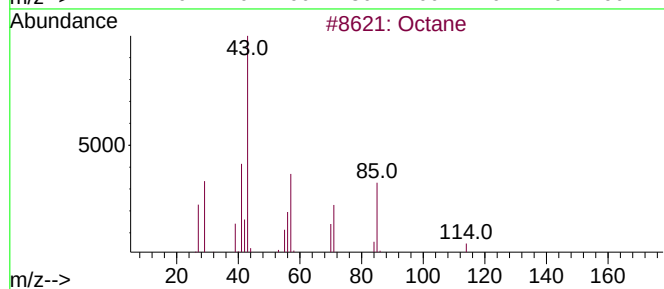
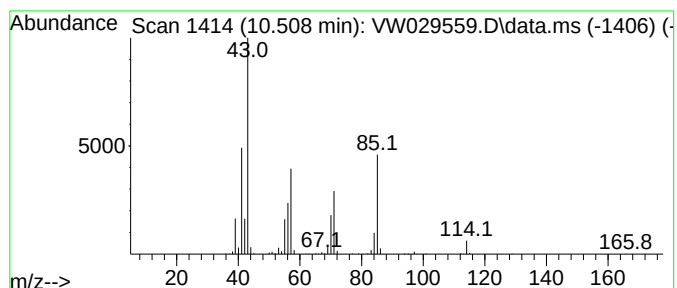
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.508	12.70 ug/L	607463	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	95
2	Octane		114	C8H18	000111-65-9	94
3	Octane		114	C8H18	000111-65-9	91
4	Octane		114	C8H18	000111-65-9	87
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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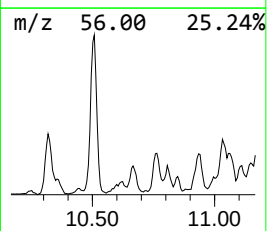
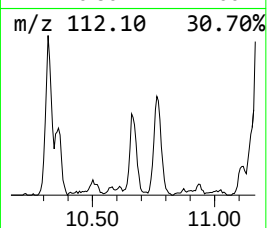
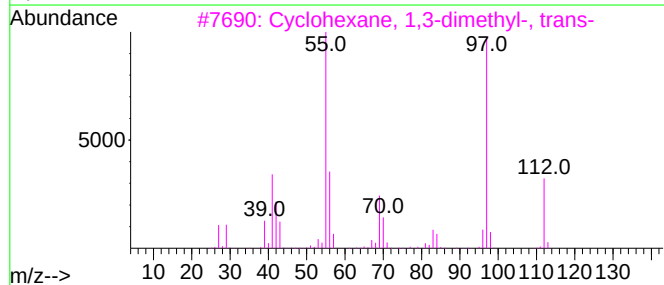
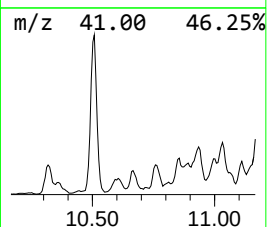
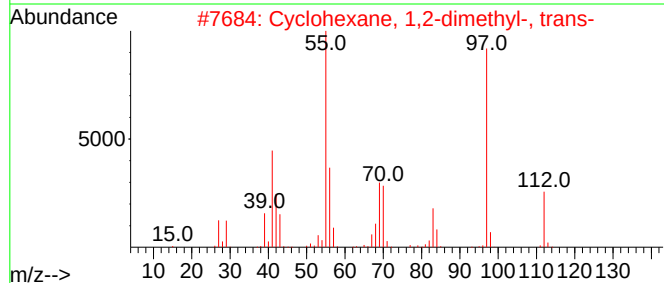
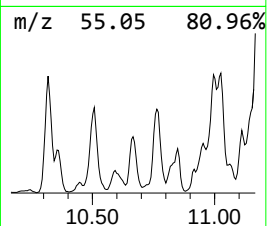
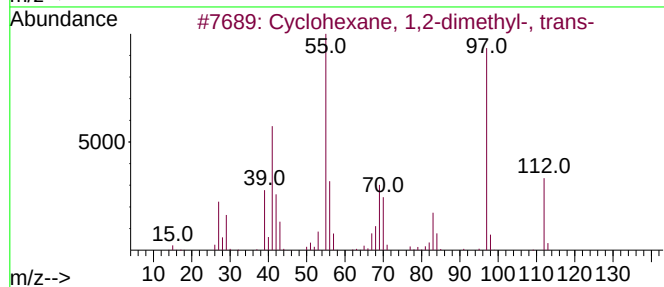
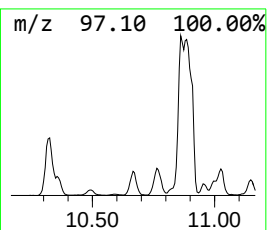
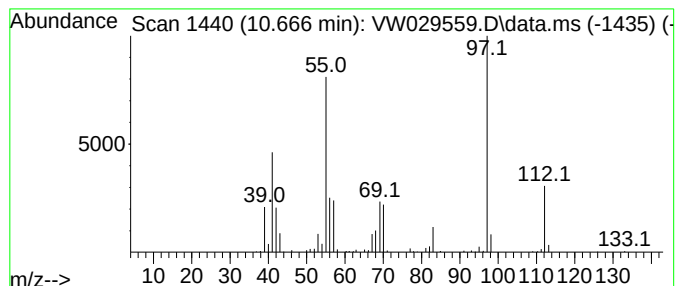
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic10.666 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	1.74 ug/L	83466	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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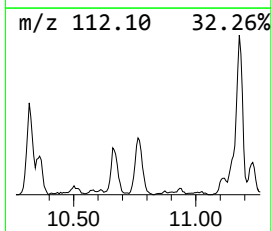
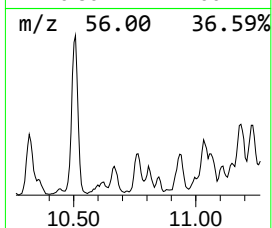
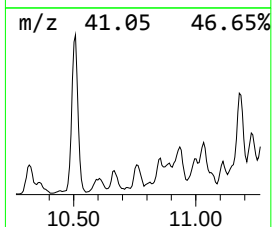
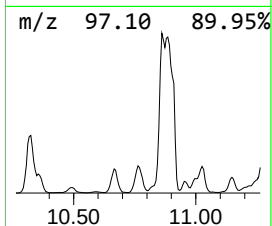
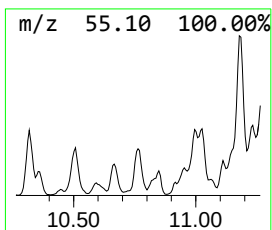
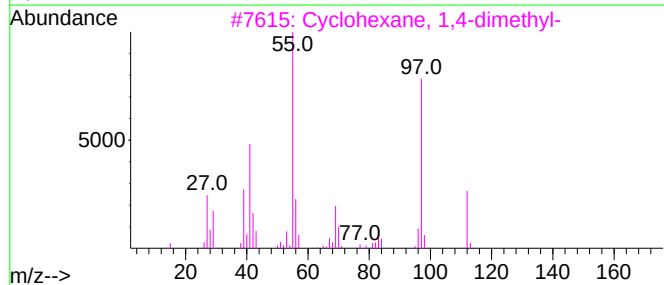
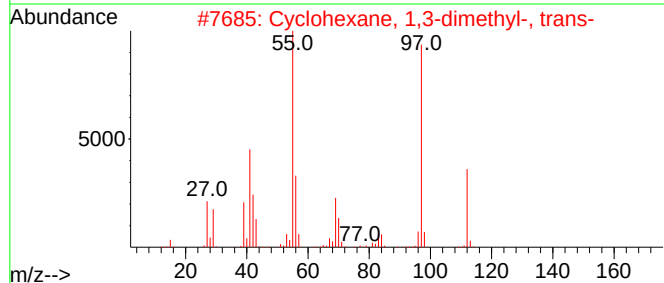
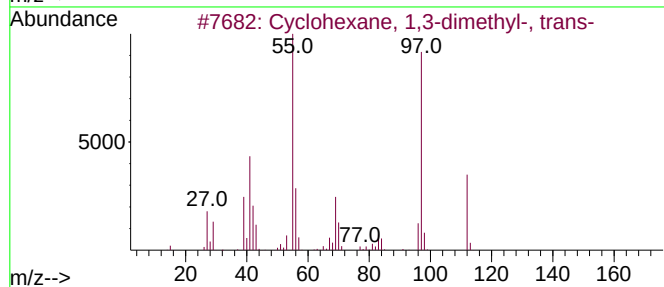
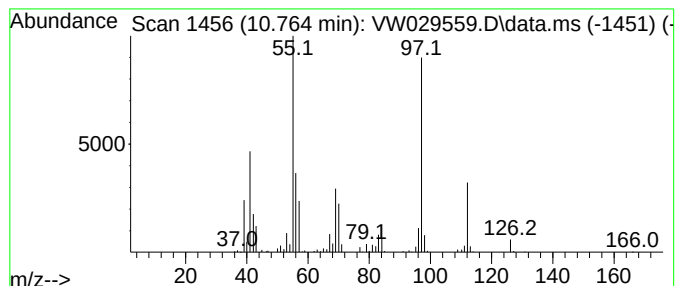
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic10.764 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	2.79 ug/L	133362	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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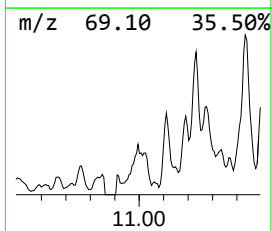
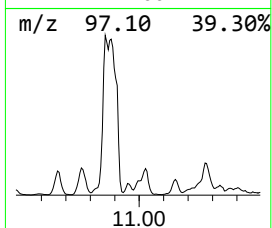
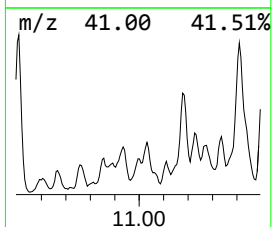
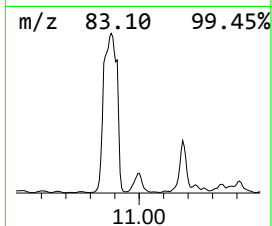
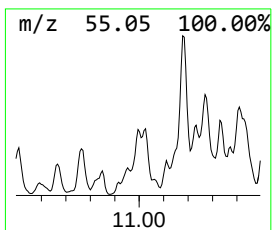
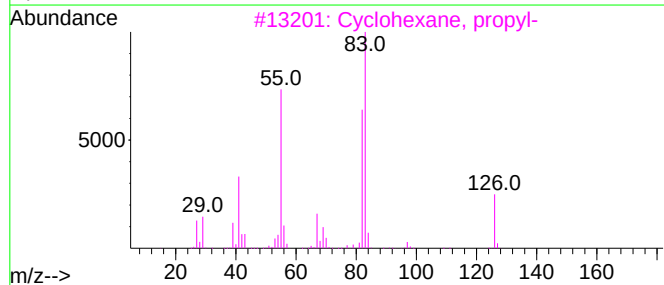
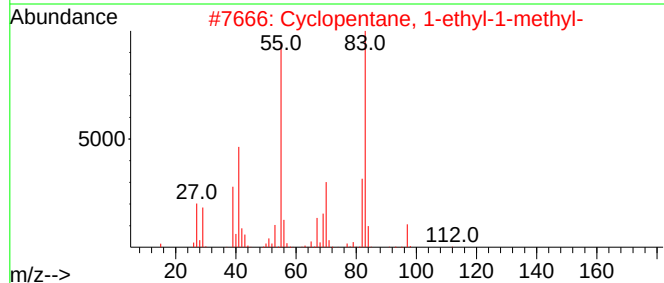
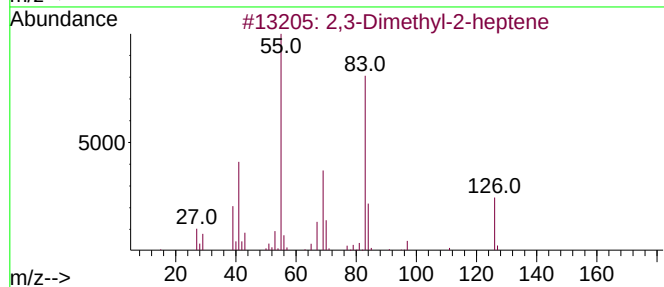
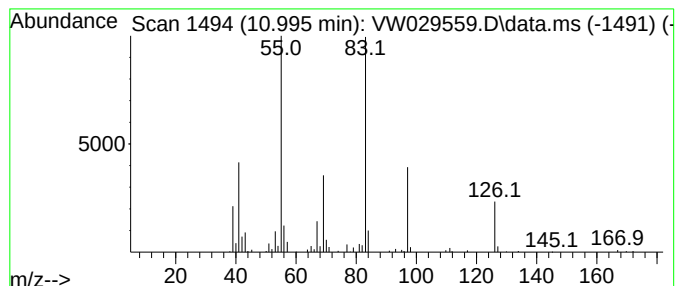
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.995	1.46 ug/L	69871	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	68
2			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	62
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	52
5			Cyclohexanamine, N-(2-hydroxypro...	171	C9H17NO2	160423-87-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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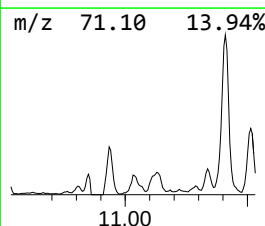
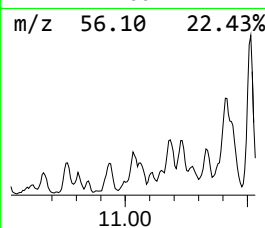
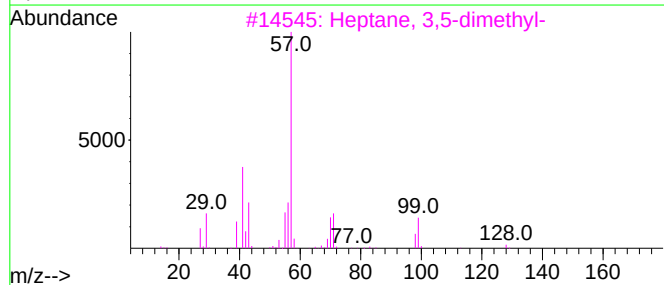
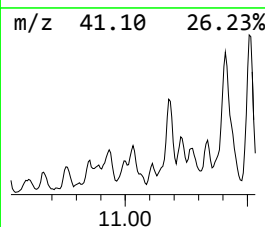
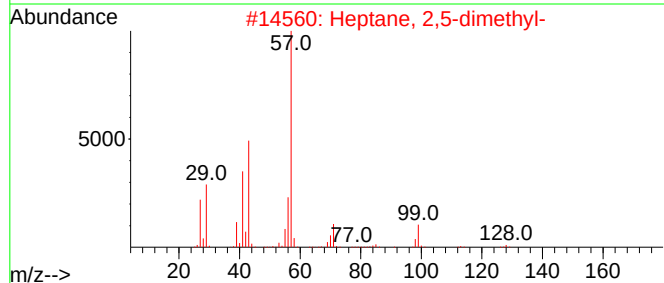
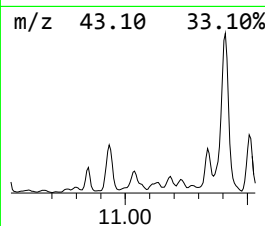
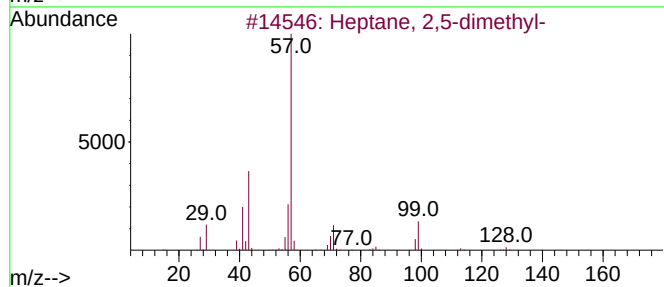
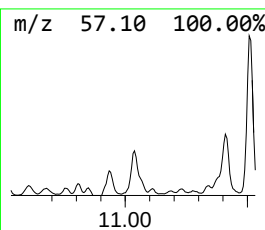
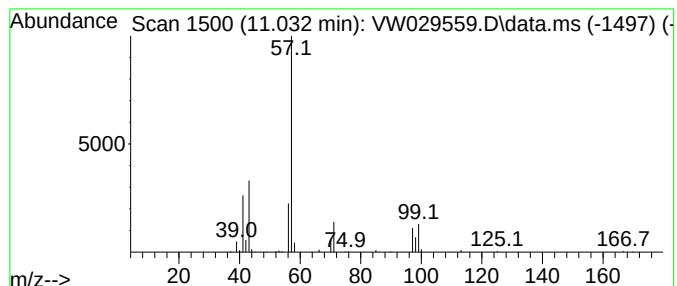
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	4.84 ug/L	231723	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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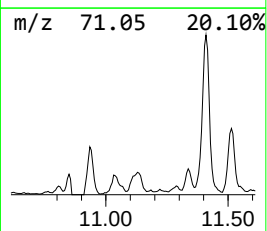
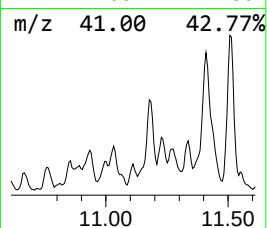
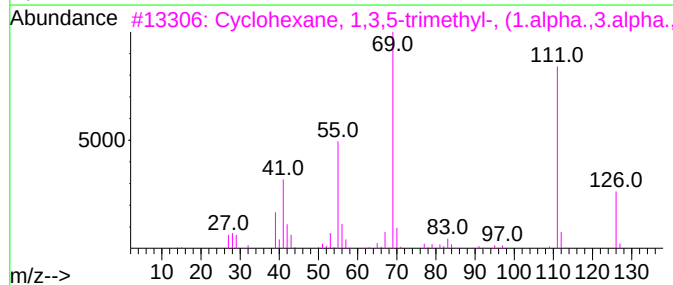
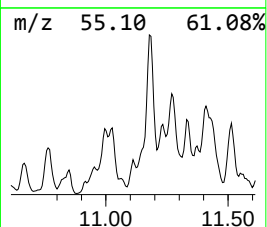
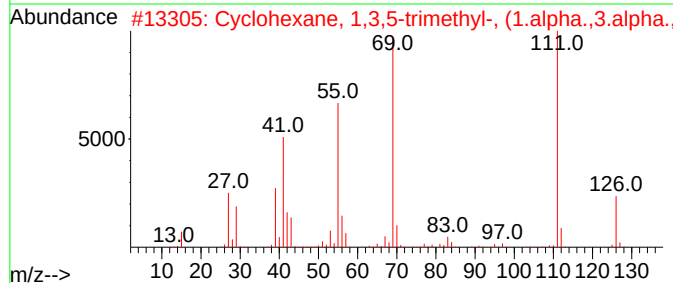
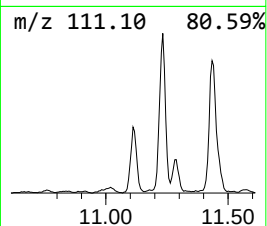
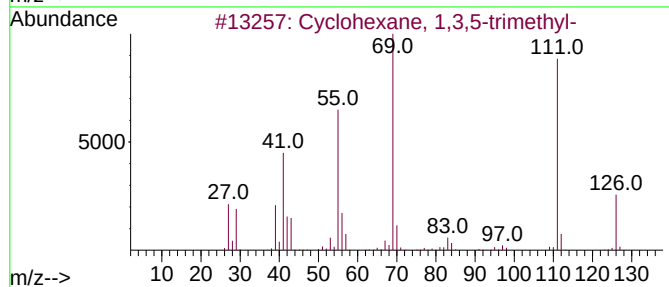
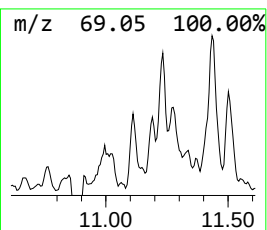
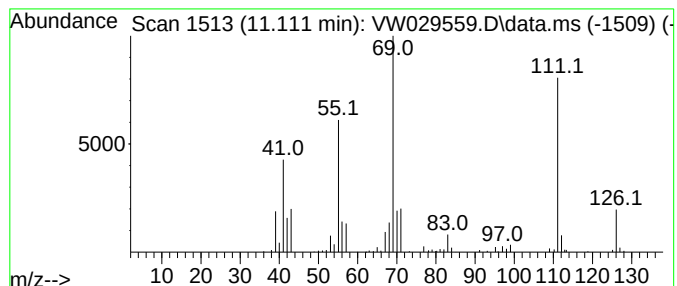
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic11.111 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.111	2.37 ug/L	113396	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	95
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	93
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	76
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
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Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

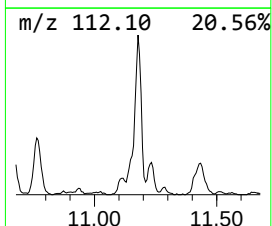
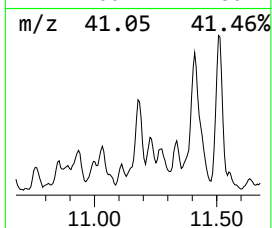
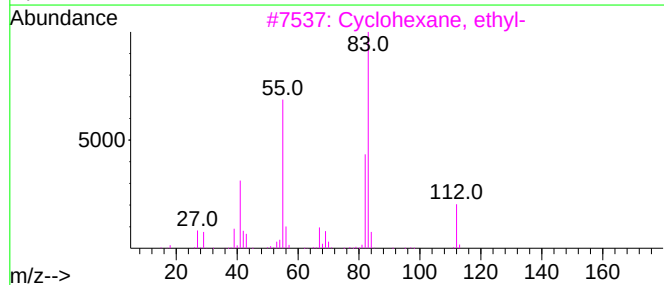
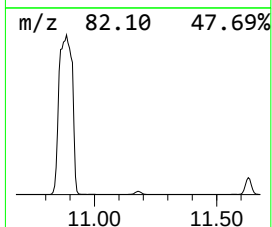
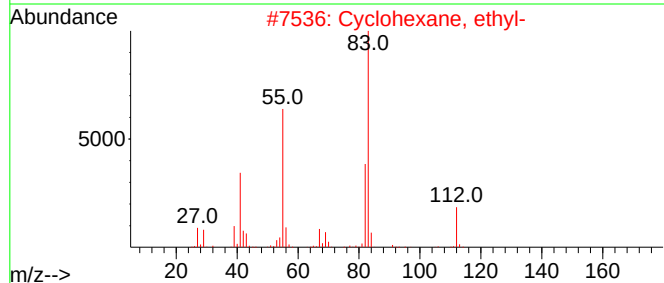
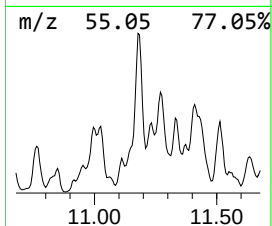
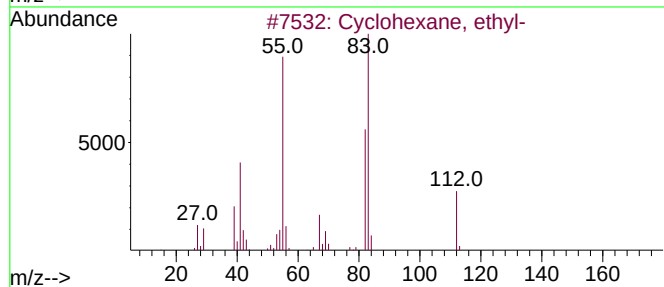
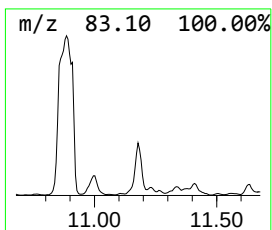
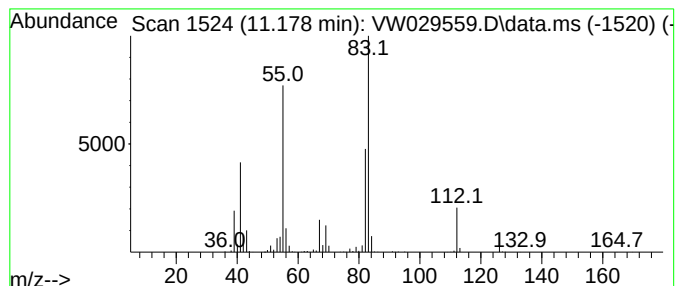
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic11.178 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.178	7.53 ug/L	360192	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-		112	C8H16	001678-91-7	97
2	Cyclohexane, ethyl-		112	C8H16	001678-91-7	94
3	Cyclohexane, ethyl-		112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-		112	C8H16	001678-91-7	91
5	Cyclohexane, ethyl-		112	C8H16	001678-91-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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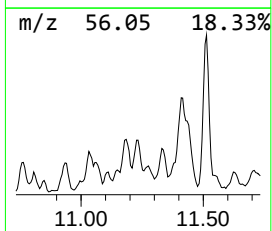
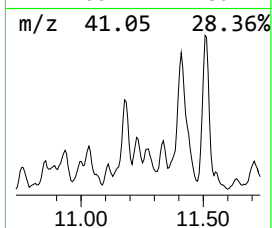
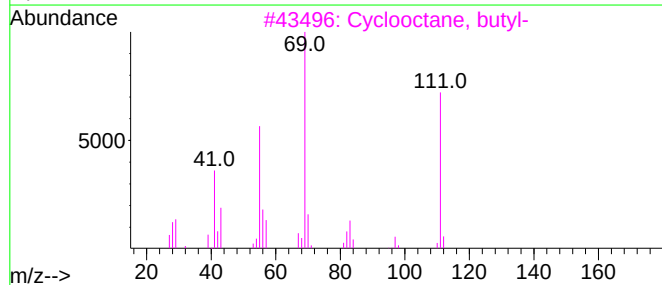
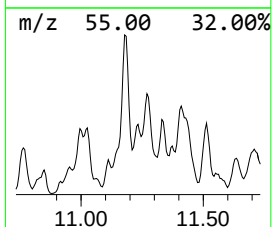
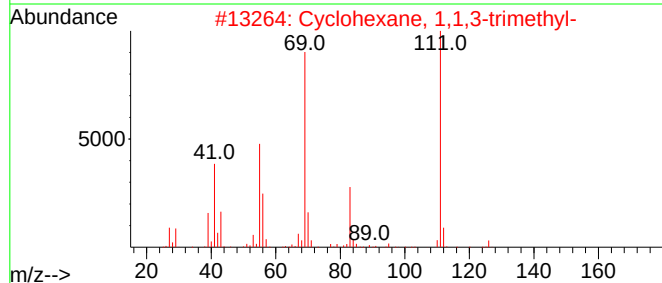
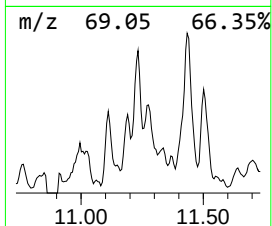
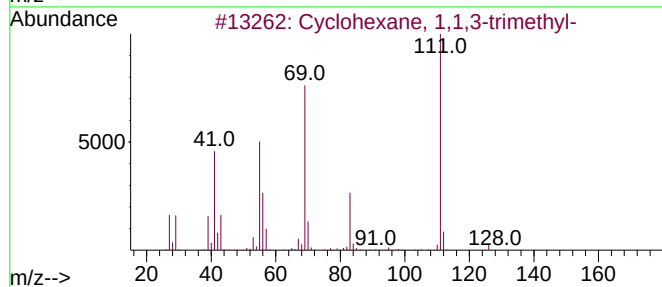
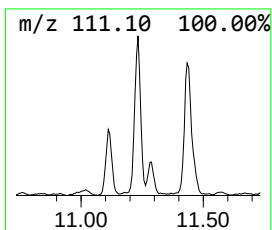
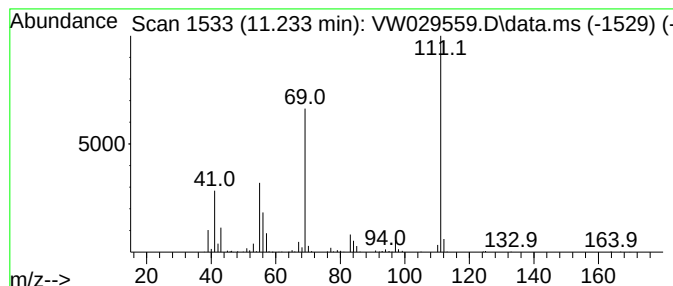
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic11.233 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	4.02 ug/L	192332	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
3			Cyclooctane, butyl-	168	C12H24	016538-93-5	64
4			3-Aminopyrazine 1-oxide	111	C4H5N3O	006863-77-0	53
5			2-Thiophenecarboxylic acid, 2-pe...	198	C10H14O2S	1010278-87-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHB35

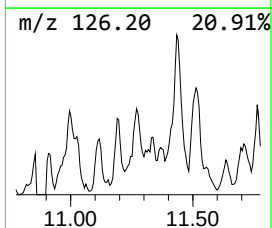
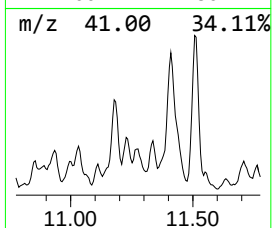
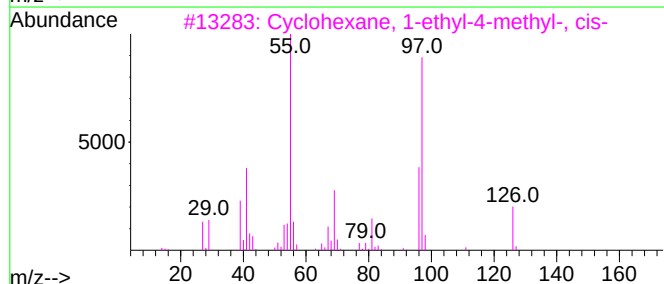
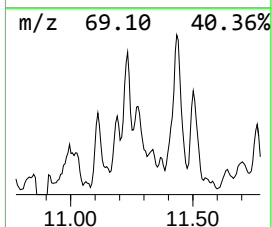
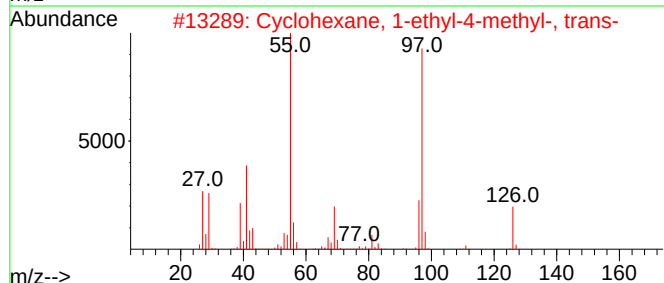
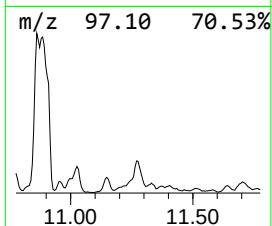
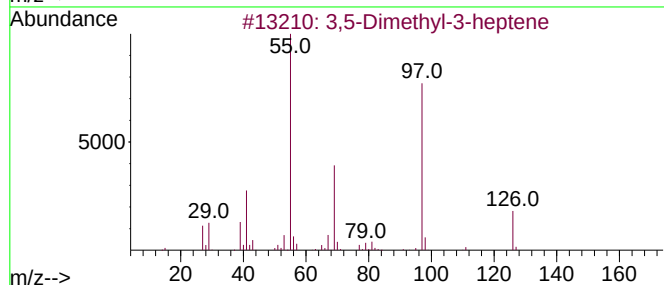
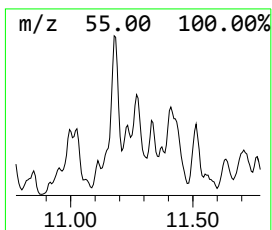
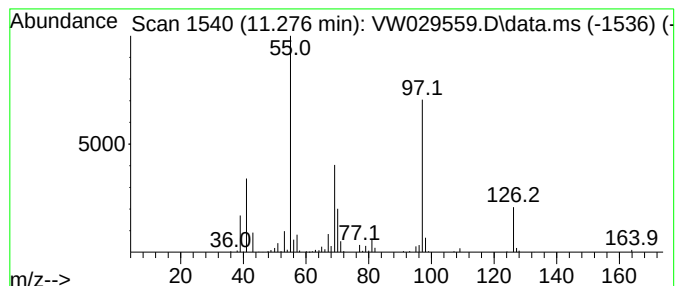
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.276	3.25 ug/L	155642	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	81
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4		2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	52
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

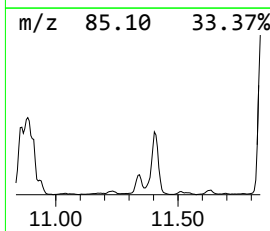
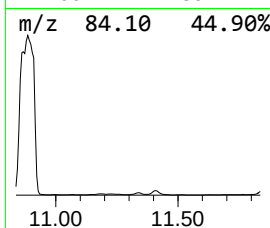
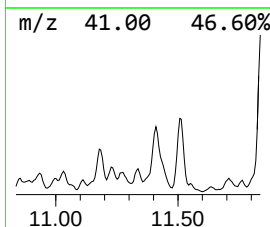
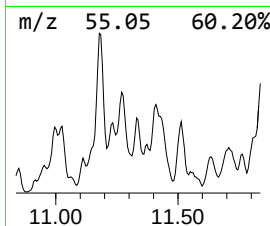
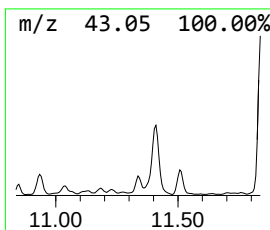
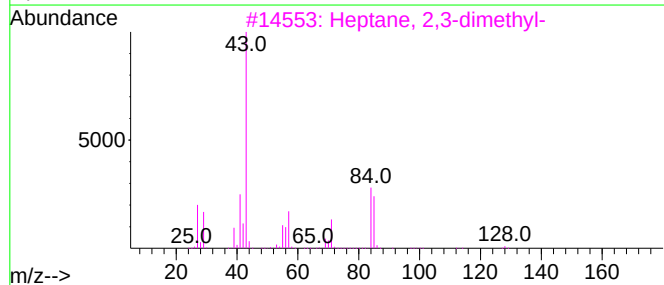
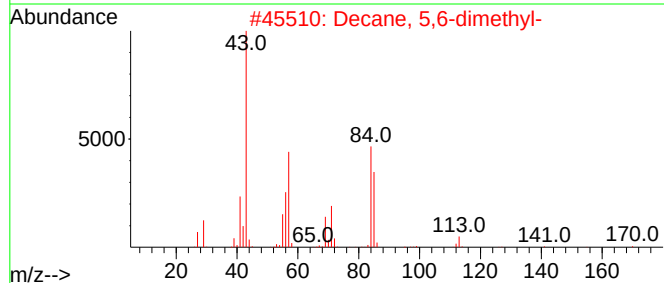
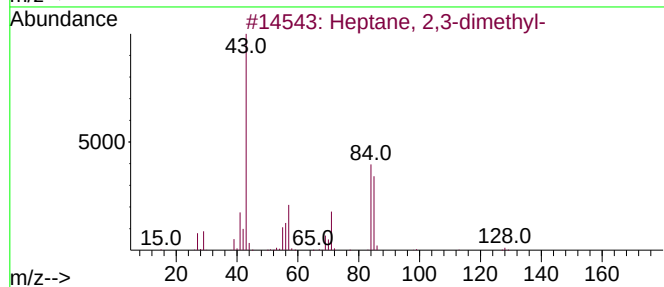
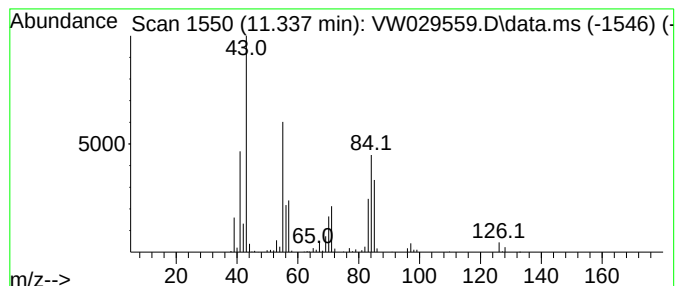
Instrument :
MSVOA_W
ClientSampleId :
BHB35

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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.337	3.17 ug/L	151746	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	58
2	Decane, 5,6-dimethyl-		170	C12H26	001636-43-7	53
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	53
4	1-Octene, 4-methyl-		126	C9H18	013151-12-7	43
5	Hexane, 3-ethyl-		114	C8H18	000619-99-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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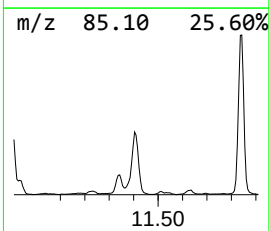
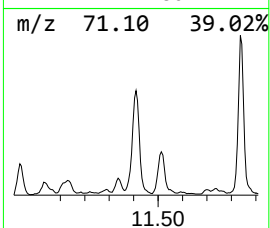
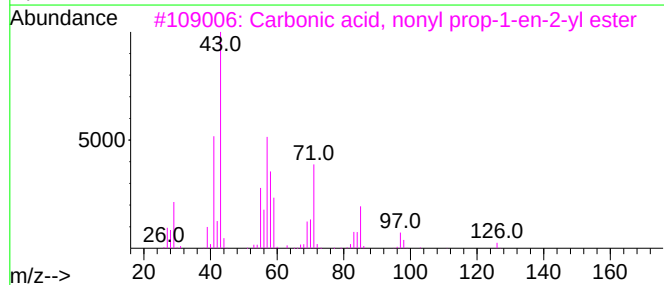
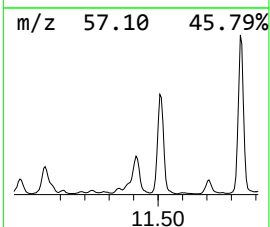
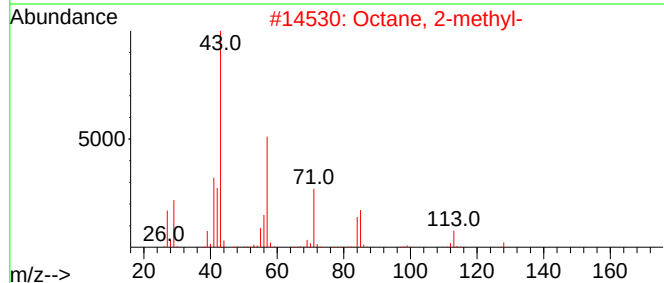
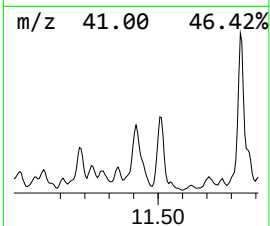
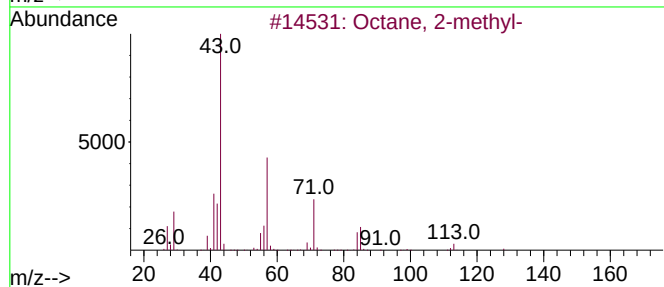
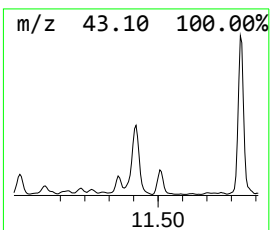
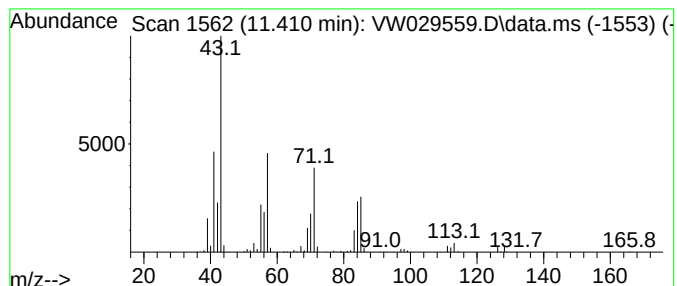
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	21.74 ug/L	1039850	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	64
2	Octane, 2-methyl-		128	C9H20	003221-61-2	64
3	Carbonic acid, nonyl prop-1-en-2...		228	C13H24O3	1000382-53-9	59
4	Ether, hexyl pentyl		172	C11H24O	032357-83-8	59
5	Dichloroacetic acid, 4-methylpen...		212	C8H14Cl2O2	1000282-43-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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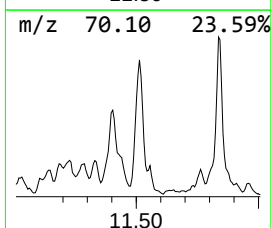
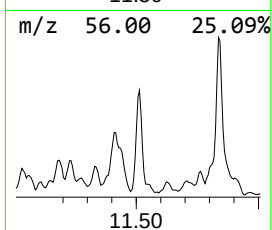
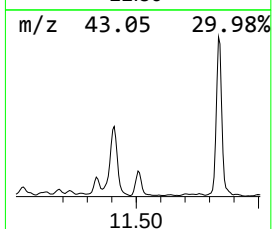
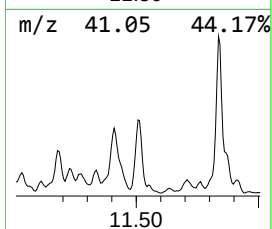
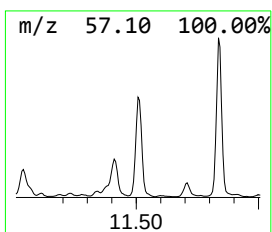
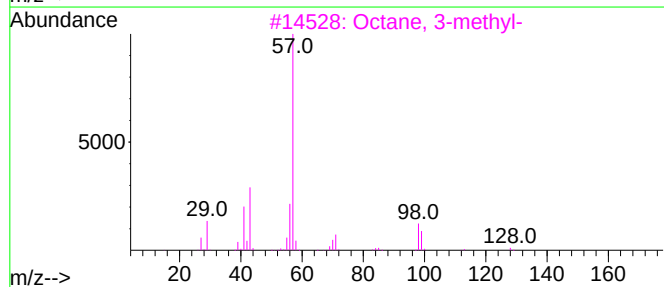
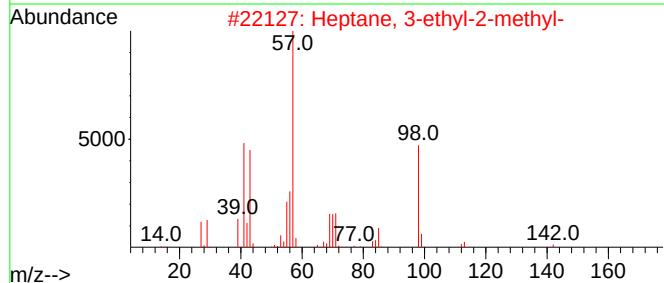
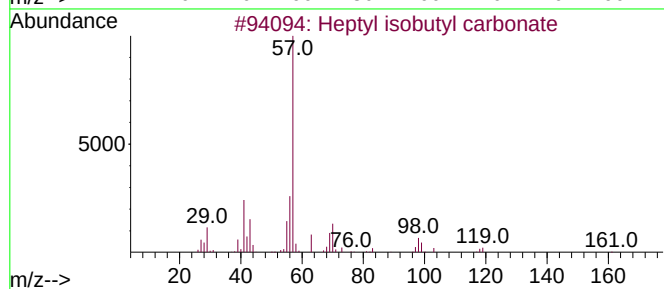
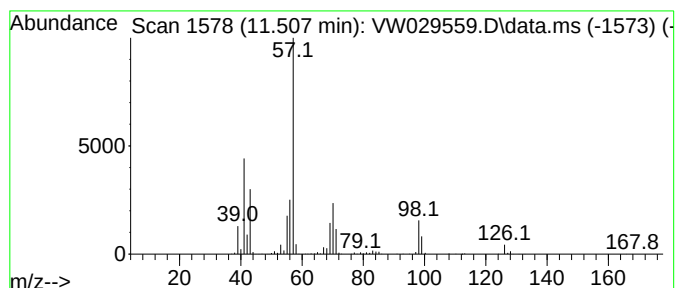
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Quant Title : SFAM01.0

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

Peak Number 16 Heptyl isobutyl carbonate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	12.36 ug/L	591085	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3		Octane, 3-methyl-	128	C9H20	002216-33-3	58
4		Carbonic acid, heptyl prop-1-en-...	200	C11H20O3	1000382-54-1	47
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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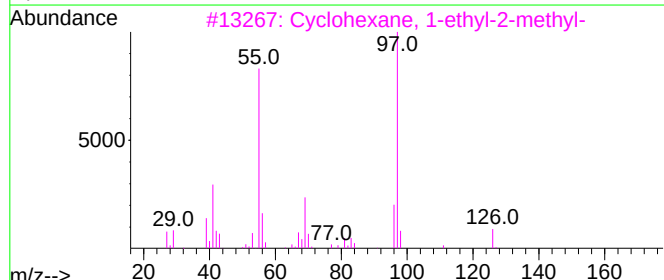
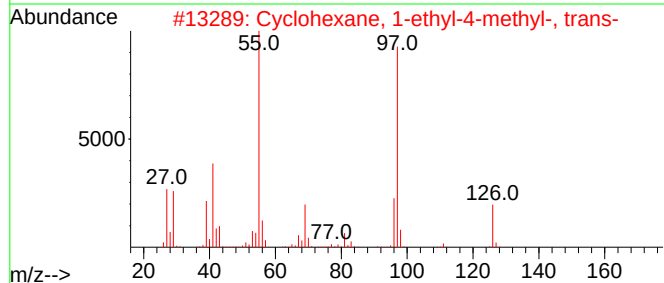
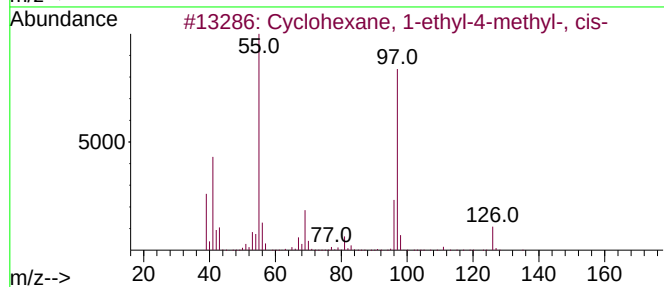
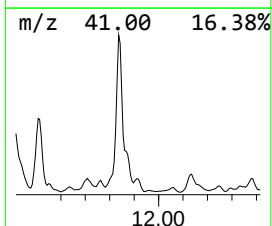
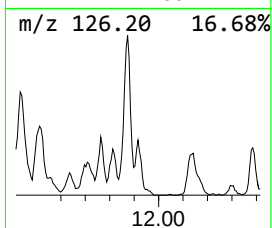
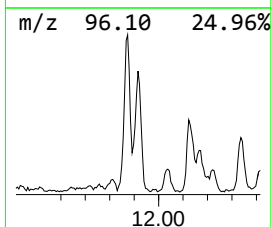
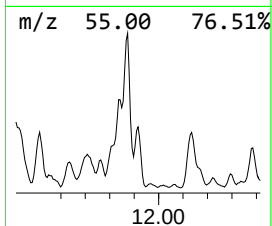
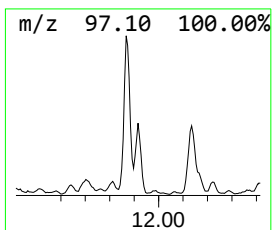
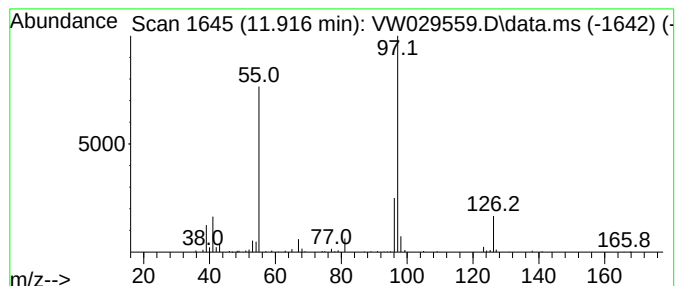
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic11.916 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.33 ug/L	159311	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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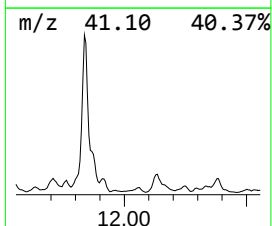
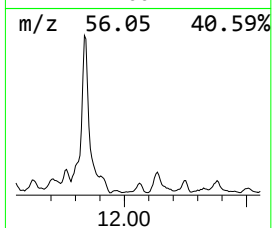
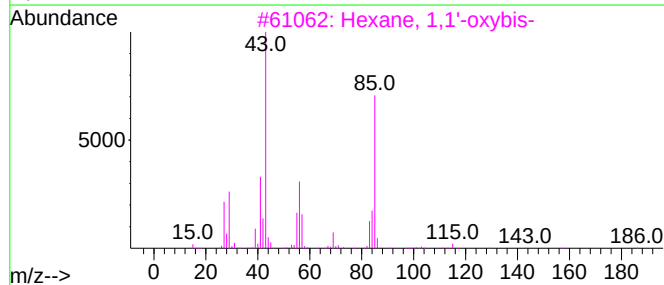
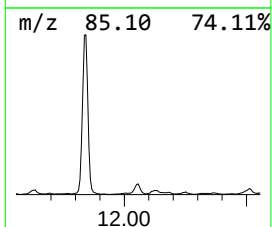
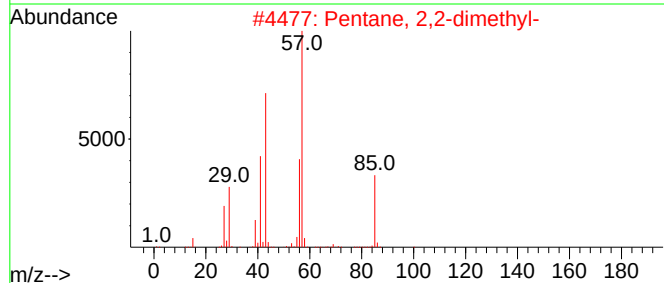
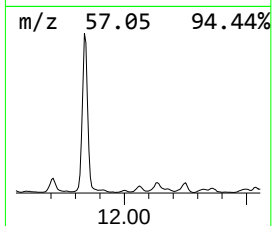
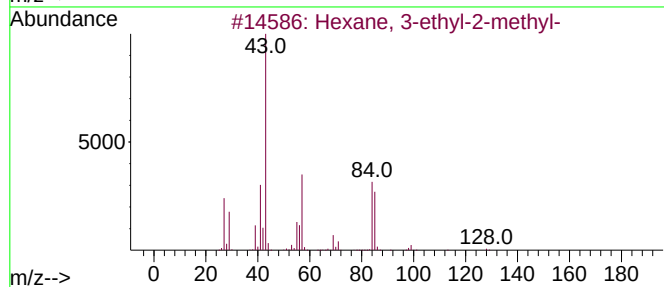
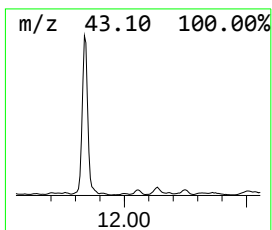
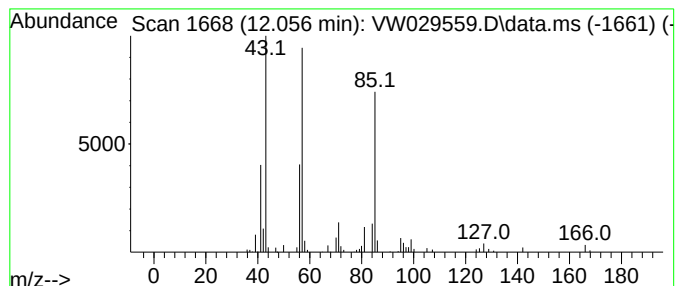
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	1.53 ug/L	73294	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	64
2			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
4			Heptane, 3-methyl-	114	C8H18	000589-81-1	59
5			Methylamine, N-(1-ethylpentylide...	127	C8H17N	018641-73-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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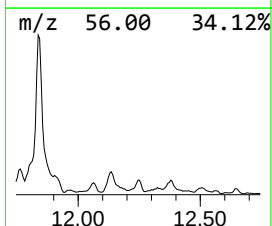
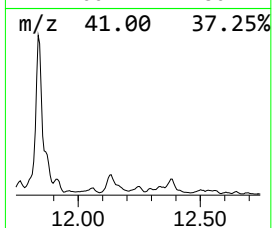
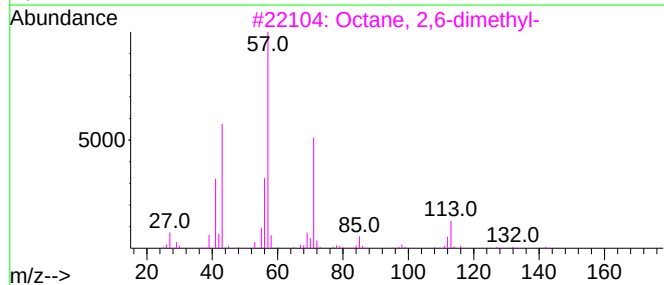
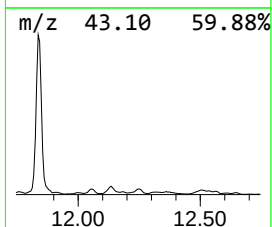
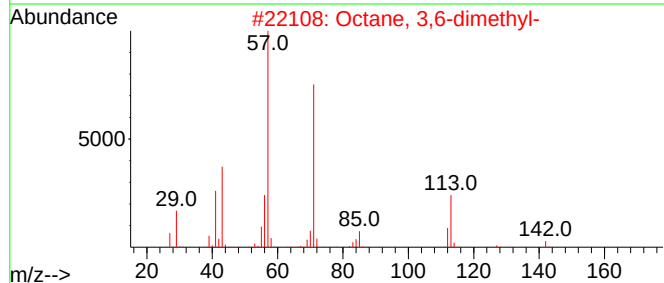
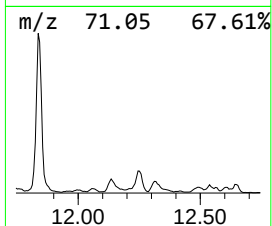
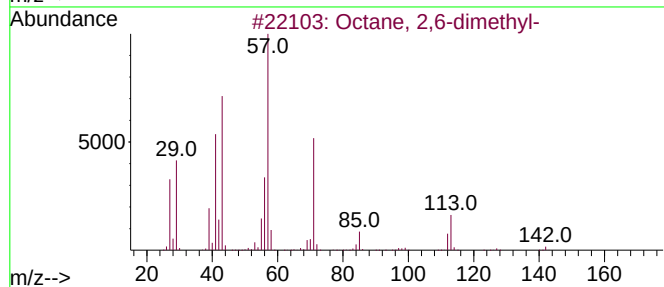
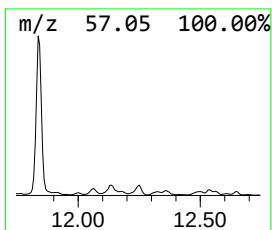
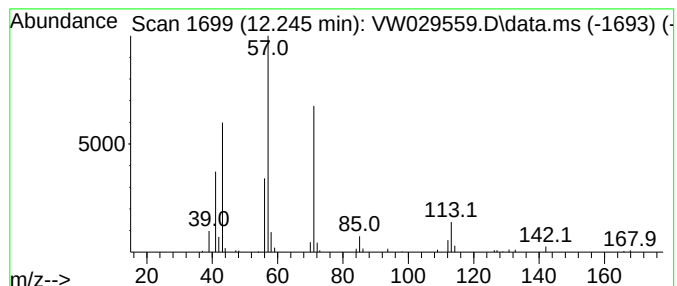
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	1.54 ug/L	73546	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

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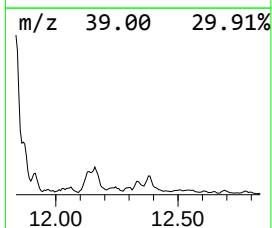
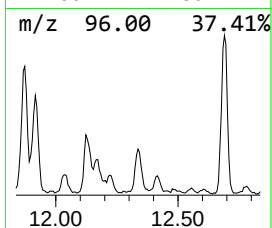
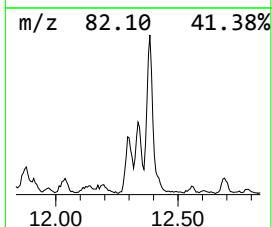
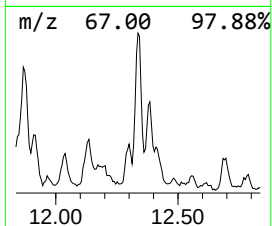
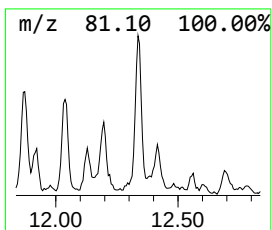
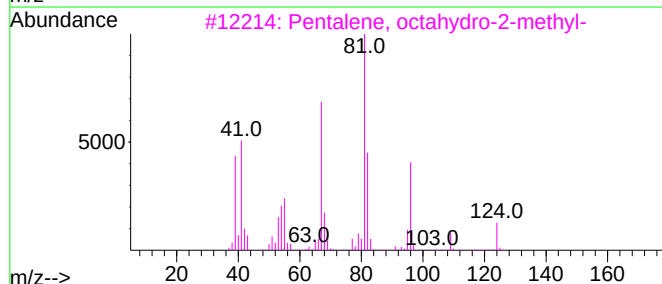
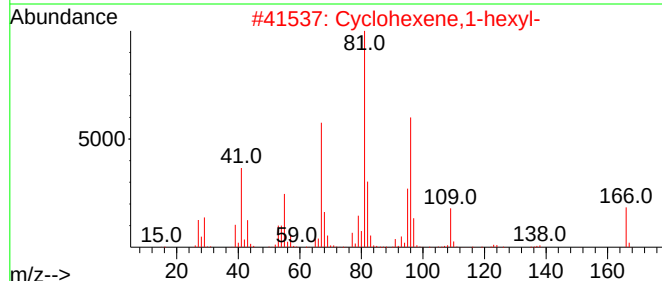
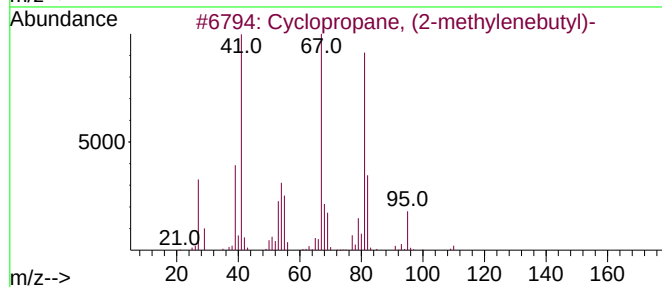
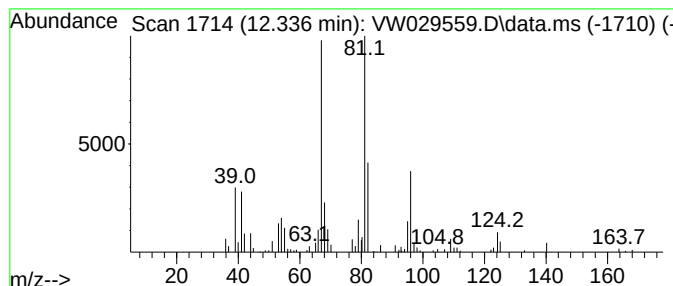
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclopropane, (2-methyleneb... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	1.96 ug/L	93659	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	80
2		Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	80
3		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	76
4		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
5		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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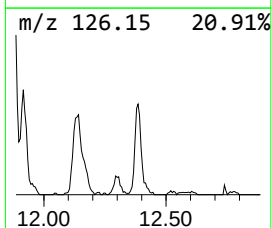
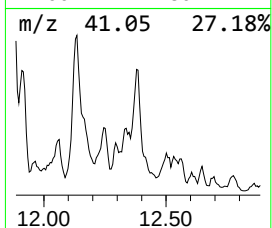
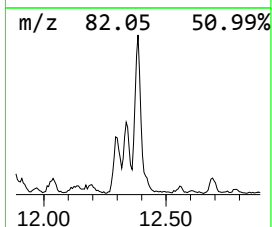
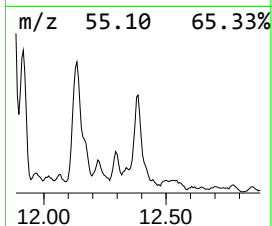
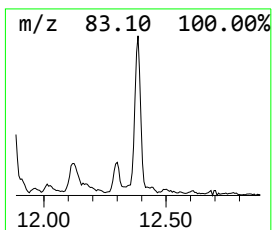
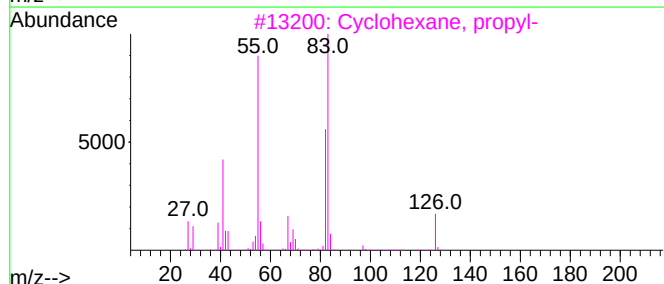
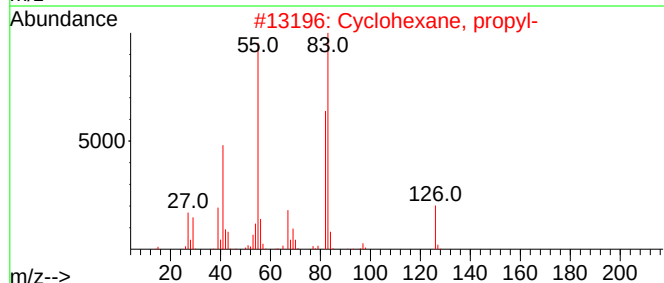
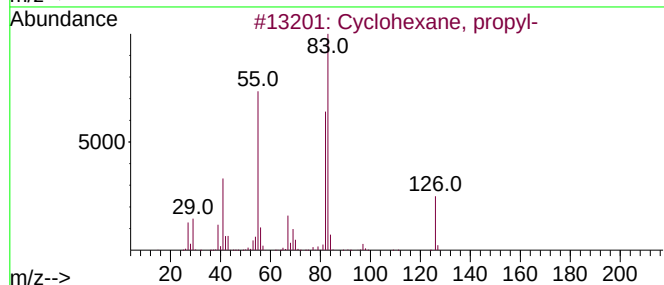
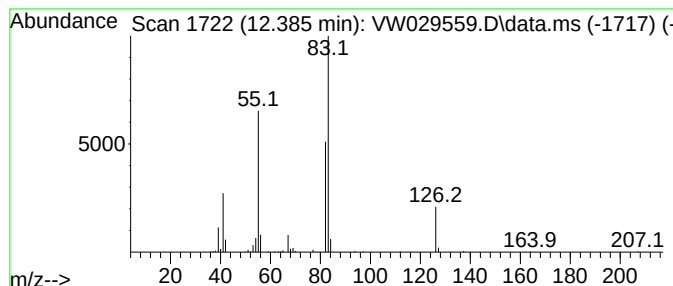
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic12.385 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	3.54 ug/L	169448	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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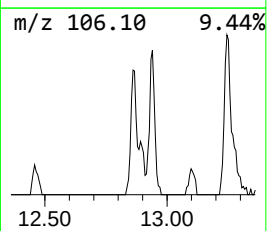
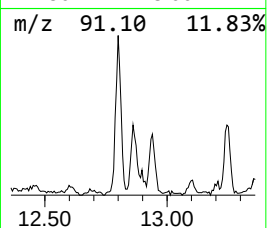
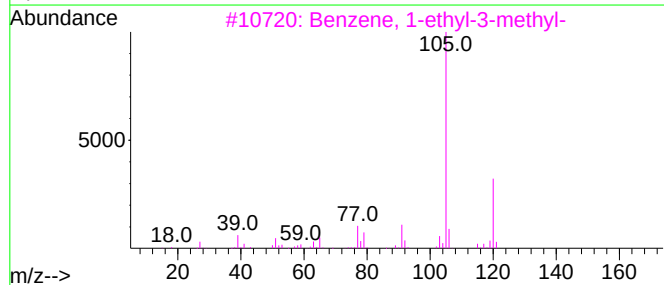
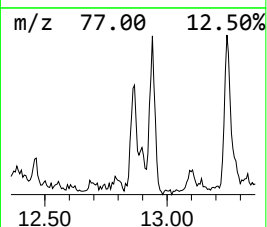
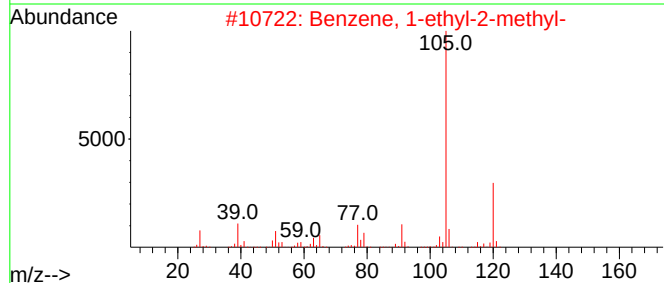
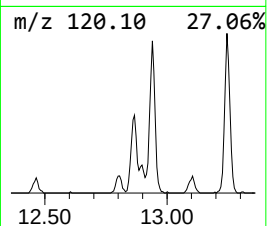
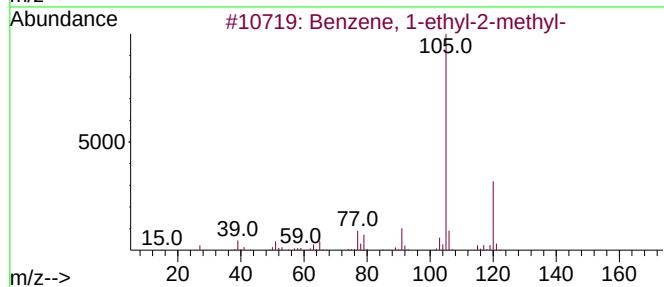
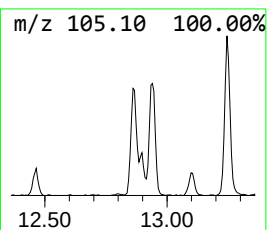
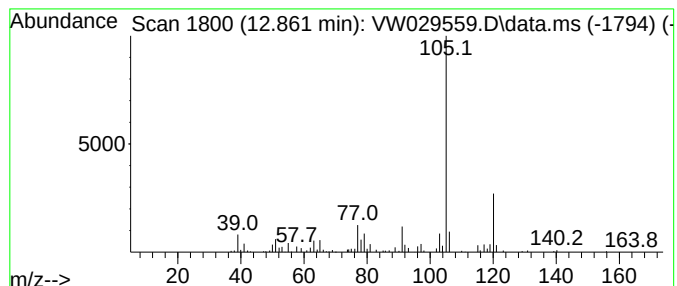
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	1.69 ug/L	78018	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	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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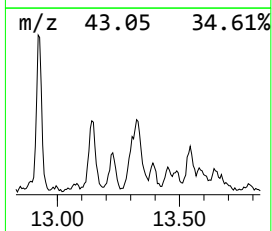
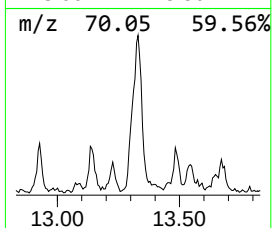
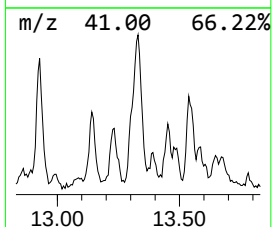
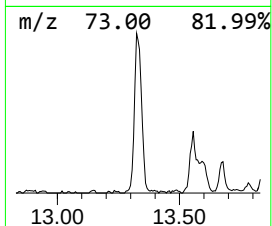
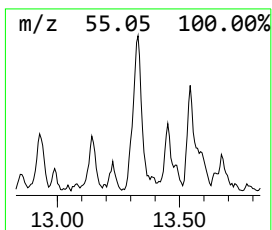
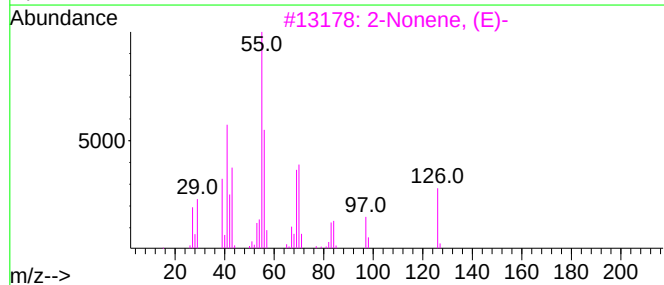
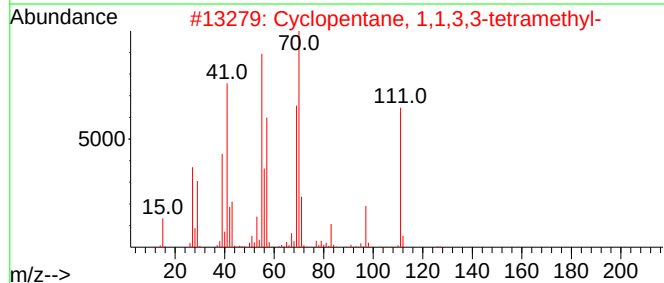
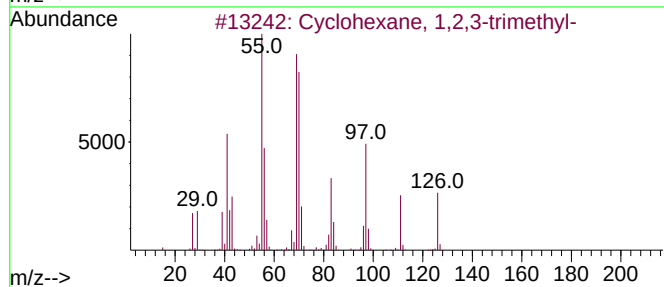
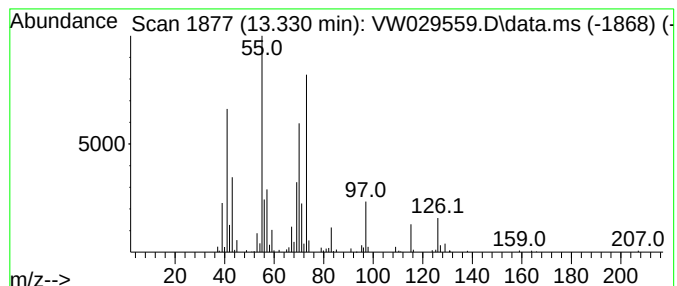
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.330 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	2.72 ug/L	125092	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
2			Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	38
3			2-Nonene, (E)-	126	C9H18	006434-78-2	35
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35
5			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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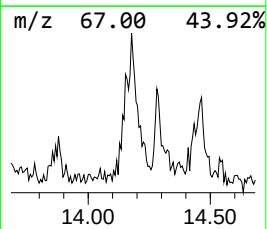
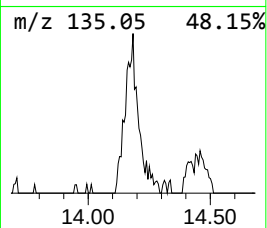
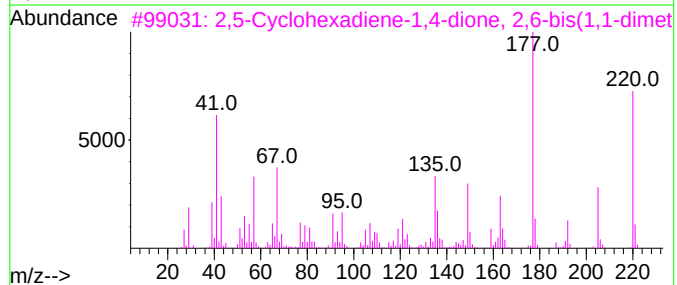
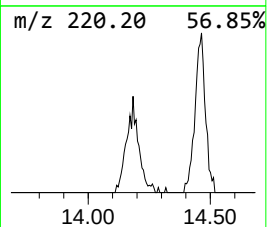
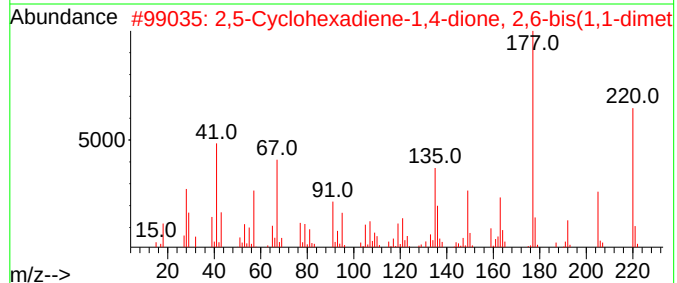
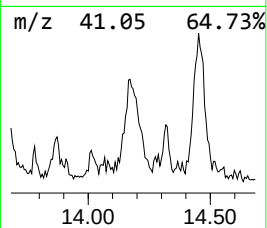
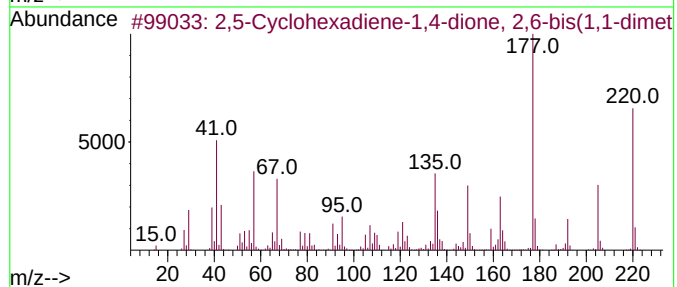
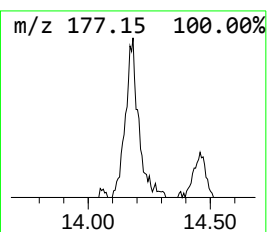
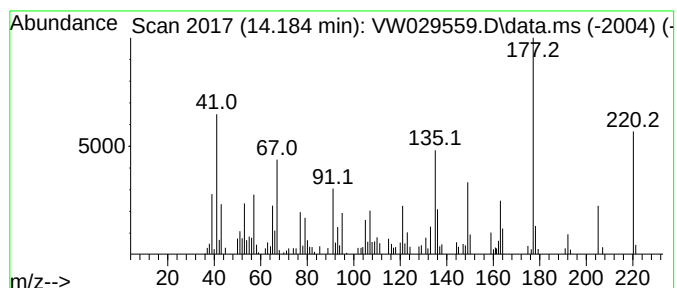
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Quant Title : SFAM01.0

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

Peak Number 24 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.184	2.26 ug/L	104002	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	93		
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	93		
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	93		
4	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H2002	000719-22-2	64		
5	2H-1-benzopyran-6-ol, 3,4-dihydr...	220	C14H2002	1000396-25-4	50		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029559.D
Acq On : 12 Jul 2024 18:44
Operator : SY/MD
Sample : P3230-04
Misc : 5.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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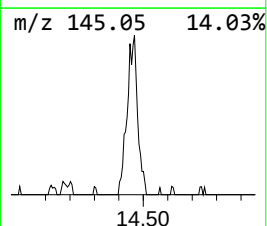
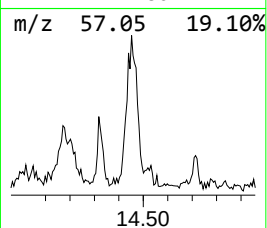
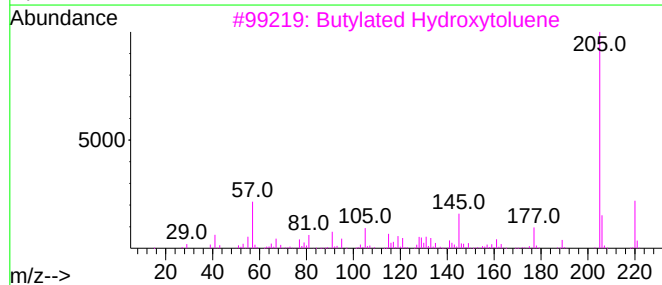
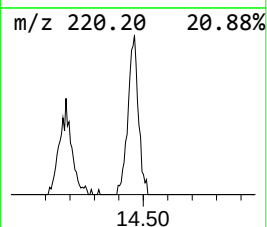
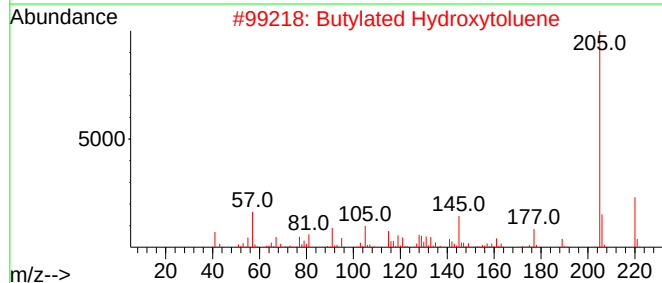
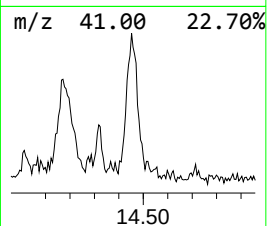
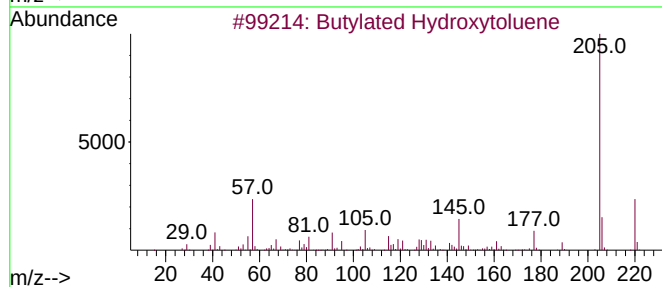
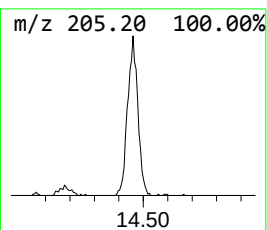
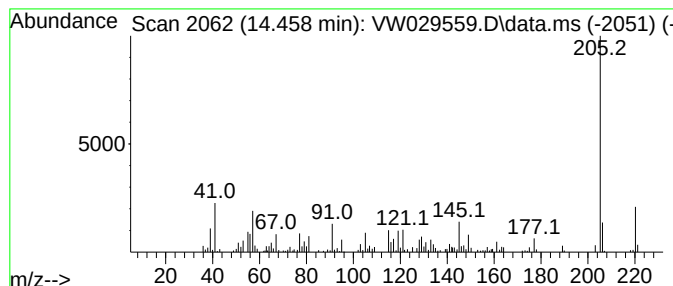
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Quant Title : SFAM01.0

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

Peak Number 25 Butylated Hydroxytoluene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.458	2.91 ug/L	134086	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
4			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	91
5			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029559.D
 Acq On : 12 Jul 2024 18:44
 Operator : SY/MD
 Sample : P3230-04
 Misc : 5.13g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.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...	9.959	2.7	ug/L	116933	1	8.843	1076640	25.0
(DEL) Alkane: S...	10.093	3.0	ug/L	128663	1	8.843	1076640	25.0
(DEL) Alkane: S...	10.508	12.7	ug/L	607463	2	11.629	1195870	25.0
(DEL) Alkane: C...	10.666	1.7	ug/L	83466	2	11.629	1195870	25.0
(DEL) Alkane: C...	10.764	2.8	ug/L	133362	2	11.629	1195870	25.0
(DEL) Alkane: S...	10.995	1.5	ug/L	69871	2	11.629	1195870	25.0
(DEL) Alkane: S...	11.032	4.8	ug/L	231723	2	11.629	1195870	25.0
(DEL) Alkane: C...	11.111	2.4	ug/L	113396	2	11.629	1195870	25.0
(DEL) Alkane: C...	11.178	7.5	ug/L	360192	2	11.629	1195870	25.0
(DEL) Alkane: C...	11.233	4.0	ug/L	192332	2	11.629	1195870	25.0
(DEL) Alkane: S...	11.276	3.3	ug/L	155642	2	11.629	1195870	25.0
(DEL) Alkane: S...	11.337	3.2	ug/L	151746	2	11.629	1195870	25.0
(DEL) Alkane: S...	11.410	21.7	ug/L	1039850	2	11.629	1195870	25.0
Heptyl isobutyl...	11.507	12.4	ug/L	591085	2	11.629	1195870	25.0
(DEL) Alkane: C...	11.916	3.3	ug/L	159311	2	11.629	1195870	25.0
(DEL) Alkane: S...	12.056	1.5	ug/L	73294	2	11.629	1195870	25.0
(DEL) Alkane: S...	12.245	1.5	ug/L	73546	2	11.629	1195870	25.0
Cyclopropane, (...)	12.336	2.0	ug/L	93659	2	11.629	1195870	25.0
(DEL) Alkane: C...	12.385	3.5	ug/L	169448	2	11.629	1195870	25.0
Benzene, 1-ethy...	12.861	1.7	ug/L	78018	3	13.556	1150910	25.0
(DEL) Alkane: C...	13.330	2.7	ug/L	125092	3	13.556	1150910	25.0
2,5-Cyclohexadi...	14.184	2.3	ug/L	104002	3	13.556	1150910	25.0
Butylated Hydro...	14.458	2.9	ug/L	134086	3	13.556	1150910	25.0