

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031131.D
 Acq On : 04 Dec 2024 17:45
 Operator : SY/MD
 Sample : P5066-01
 Misc : 1.23g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28M0

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: VW031131.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.326	66	72	75	rBV	154970	265818	1.59%	0.345%
2	2.363	75	78	92	rVB2	135324	292667	1.75%	0.380%
3	2.893	158	165	179	rVB	73395	201135	1.20%	0.261%
4	3.021	180	186	194	rBV2	45347	97051	0.58%	0.126%
5	3.381	240	245	255	rVB3	20565	52568	0.31%	0.068%
6	4.003	338	347	363	rVB	195474	516555	3.09%	0.670%
7	5.429	572	581	593	rVV3	20076	61695	0.37%	0.080%
8	7.185	853	869	878	rBV2	63011	202267	1.21%	0.262%
9	7.667	938	948	964	rVV2	197182	546246	3.27%	0.709%
10	8.282	1035	1049	1065	rVV2	375201	1193608	7.14%	1.549%
11	8.575	1091	1097	1110	rVB3	21032	49861	0.30%	0.065%
12	8.697	1110	1117	1123	rBV	27034	54375	0.33%	0.071%
13	8.849	1134	1142	1157	rVV	386620	767092	4.59%	0.996%
14	9.093	1172	1182	1197	rBV	1302428	2620992	15.68%	3.401%
15	9.282	1206	1213	1218	rBV	264306	535226	3.20%	0.695%
16	9.337	1218	1222	1228	rVB	113096	206478	1.24%	0.268%
17	9.544	1245	1256	1261	rBV4	19640	59734	0.36%	0.078%
18	9.605	1261	1266	1273	rVB	22529	46047	0.28%	0.060%
19	9.752	1283	1290	1300	rVB2	31119	62450	0.37%	0.081%
20	9.959	1318	1324	1332	rBV2	60783	134492	0.80%	0.175%
21	10.038	1332	1337	1342	rVV	138129	238005	1.42%	0.309%
22	10.093	1342	1346	1359	rVB3	48204	112374	0.67%	0.146%
23	10.325	1376	1384	1389	rBV	455070	838458	5.02%	1.088%
24	10.386	1389	1394	1401	rVV	347753	655816	3.92%	0.851%
25	10.501	1406	1413	1419	rVB4	64023	134771	0.81%	0.175%
26	10.581	1420	1426	1435	rBV	89327	173603	1.04%	0.225%
27	10.666	1435	1440	1443	rBV	44317	71253	0.43%	0.092%
28	10.757	1451	1455	1460	rBV3	23730	44351	0.27%	0.058%
29	10.861	1464	1472	1479	rBV	9959782	16714470	100.00%	21.692%
30	10.934	1479	1484	1494	rVB	175240	295598	1.77%	0.384%
31	11.032	1496	1500	1508	rVB	29051	56449	0.34%	0.073%
32	11.178	1516	1524	1528	rBV	87628	158041	0.95%	0.205%
33	11.227	1528	1532	1538	rVB	113350	190628	1.14%	0.247%
34	11.337	1544	1550	1554	rBV3	56977	92099	0.55%	0.120%
35	11.404	1554	1561	1563	rBV2	61363	110965	0.66%	0.144%
36	11.507	1573	1578	1584	rBV	92981	155478	0.93%	0.202%

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

37	11.629	1591	1598	1607	rBV	294738	524664	3.14%	0.681%
38	11.727	1608	1614	1618	rBV	151366	267334	1.60%	0.347%
39	11.837	1623	1632	1635	rBV2	825366	1603428	9.59%	2.081%
40	11.867	1635	1637	1641	rVB	316592	401735	2.40%	0.521%
41	11.916	1641	1645	1650	rVB	300877	495128	2.96%	0.643%
42	11.971	1650	1654	1661	rBV3	88510	228990	1.37%	0.297%
43	12.056	1662	1668	1673	rVB3	173722	311045	1.86%	0.404%
44	12.135	1673	1681	1692	rBV3	1012415	3057022	18.29%	3.967%
45	12.245	1692	1699	1704	rVB	804608	1313925	7.86%	1.705%
46	12.300	1704	1708	1710	rBV2	388407	612430	3.66%	0.795%
47	12.379	1710	1721	1730	rVB4	1071357	3505017	20.97%	4.549%
48	12.452	1730	1733	1736	rBV3	144209	204695	1.22%	0.266%
49	12.501	1737	1741	1744	rBV4	240979	429339	2.57%	0.557%
50	12.538	1744	1747	1749	rVB	240955	267007	1.60%	0.347%
51	12.617	1755	1760	1762	rBV4	132638	232364	1.39%	0.302%
52	12.647	1762	1765	1768	rVV	248219	383985	2.30%	0.498%
53	12.696	1768	1773	1777	rVV5	327237	677974	4.06%	0.880%
54	12.739	1777	1780	1782	rVV2	170950	262395	1.57%	0.341%
55	12.775	1782	1786	1793	rVB3	475317	921460	5.51%	1.196%
56	12.861	1793	1800	1803	rBV4	486365	978223	5.85%	1.270%
57	12.928	1803	1811	1817	rVV3	2185718	4799737	28.72%	6.229%
58	12.989	1817	1821	1826	rVB2	481516	746473	4.47%	0.969%
59	13.038	1826	1829	1830	rBV2	72242	83027	0.50%	0.108%
60	13.074	1831	1835	1838	rVV	335494	580025	3.47%	0.753%
61	13.117	1838	1842	1845	rVV3	322502	665615	3.98%	0.864%
62	13.160	1845	1849	1856	rVV	1071097	1837474	10.99%	2.385%
63	13.245	1857	1863	1867	rVV	646823	1117769	6.69%	1.451%
64	13.281	1867	1869	1873	rVV	203635	304167	1.82%	0.395%
65	13.336	1874	1878	1881	rVV2	251624	405859	2.43%	0.527%
66	13.373	1881	1884	1887	rVB3	157369	199958	1.20%	0.260%
67	13.440	1887	1895	1899	rBV4	776396	1905793	11.40%	2.473%
68	13.477	1899	1901	1905	rVV2	613427	975620	5.84%	1.266%
69	13.550	1909	1913	1915	rVV3	379586	597183	3.57%	0.775%
70	13.580	1915	1918	1922	rVV	436017	622270	3.72%	0.808%
71	13.617	1922	1924	1930	rVB	261095	312105	1.87%	0.405%
72	13.690	1931	1936	1940	rBV4	120665	234506	1.40%	0.304%
73	13.739	1941	1944	1948	rVB2	125142	172997	1.04%	0.225%
74	13.787	1948	1952	1956	rBV3	125560	189749	1.14%	0.246%
75	13.867	1959	1965	1970	rBV2	1832572	2906442	17.39%	3.772%
76	13.909	1970	1972	1976	rVB2	89103	105160	0.63%	0.136%

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 Title : SFAM01.0

77	14.025	1985	1991	1997	rBV5	216314	502164	3.00%	0.652%
78	14.086	1998	2001	2005	rVV2	168771	219796	1.32%	0.285%
79	14.123	2005	2007	2013	rVB	237793	321675	1.92%	0.417%
80	14.190	2013	2018	2024	rBV4	234445	455535	2.73%	0.591%
81	14.257	2024	2029	2035	rBV6	144044	282428	1.69%	0.367%
82	14.342	2035	2043	2045	rBV4	310626	660844	3.95%	0.858%
83	14.379	2045	2049	2053	rVV2	610992	1036339	6.20%	1.345%
84	14.421	2053	2056	2058	rVV3	319476	439322	2.63%	0.570%
85	14.452	2058	2061	2064	rVV	228253	300864	1.80%	0.390%
86	14.489	2064	2067	2071	rVV3	249229	326648	1.95%	0.424%
87	14.537	2071	2075	2081	rVB5	265425	465034	2.78%	0.604%
88	14.714	2099	2104	2110	rBV	1355895	1873710	11.21%	2.432%
89	14.787	2110	2116	2119	rVV2	632778	1132149	6.77%	1.469%
90	14.830	2119	2123	2131	rVB	691470	1260394	7.54%	1.636%
91	15.238	2186	2190	2197	rVB6	262419	618668	3.70%	0.803%
92	15.312	2197	2202	2208	rBV	479381	833170	4.98%	1.081%
93	15.543	2235	2240	2249	rVB	704109	1219894	7.30%	1.583%
94	15.622	2249	2253	2254	rBV2	63827	89746	0.54%	0.116%
95	15.720	2264	2269	2277	rVB4	152549	290191	1.74%	0.377%
96	16.141	2332	2338	2345	rBV9	66239	207834	1.24%	0.270%
97	16.275	2355	2360	2368	rVB	138293	284688	1.70%	0.369%
98	16.427	2380	2385	2389	rBV	88300	179433	1.07%	0.233%
99	16.482	2390	2394	2401	rVB	172674	282905	1.69%	0.367%
100	16.634	2414	2419	2429	rVB2	116450	322622	1.93%	0.419%

Sum of corrected areas: 77054858

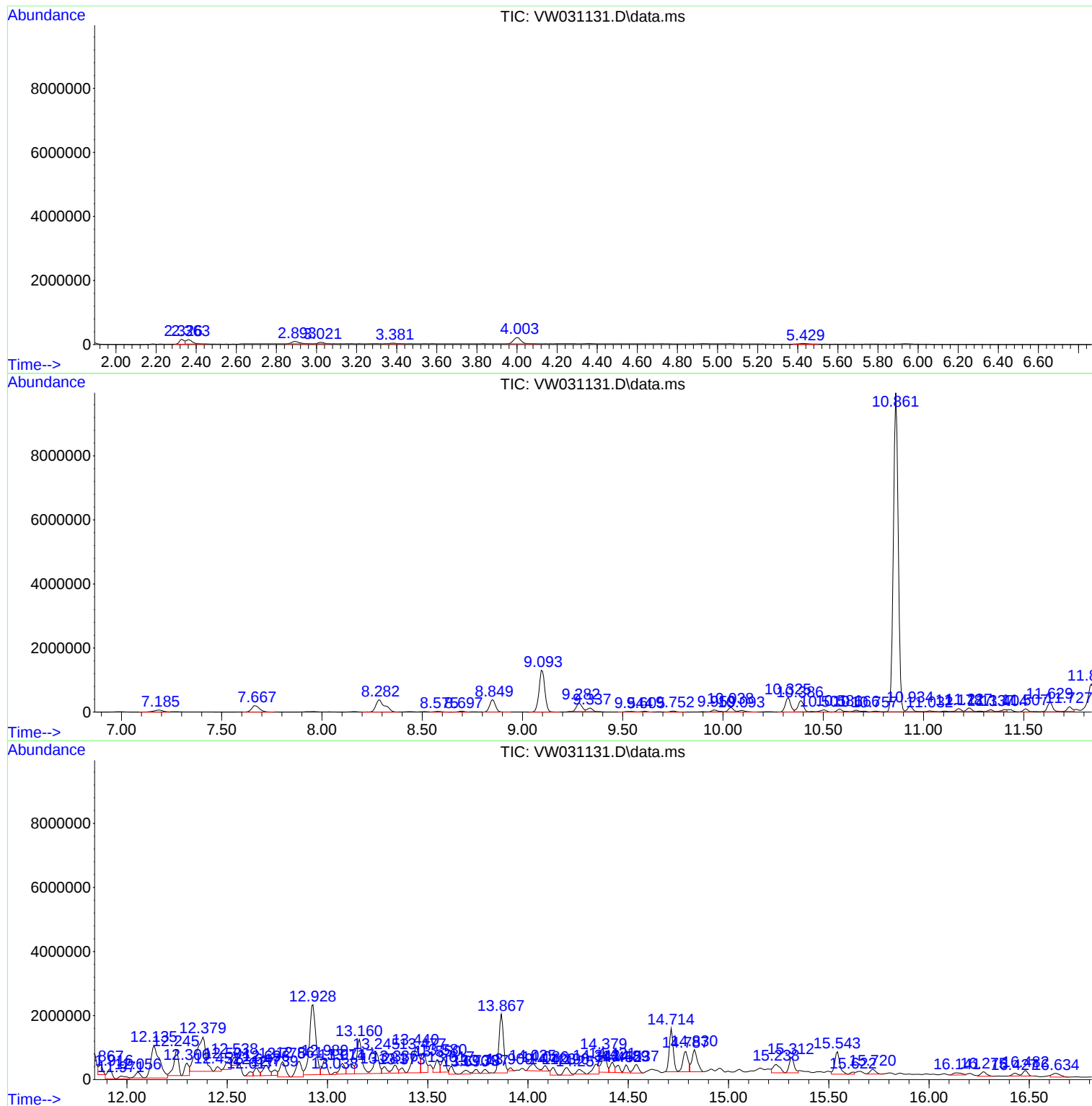
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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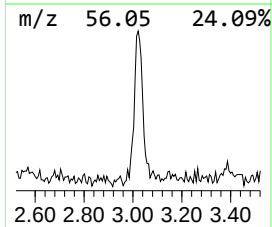
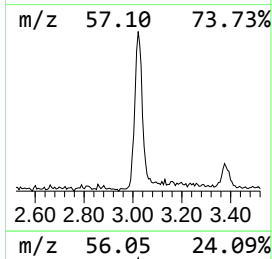
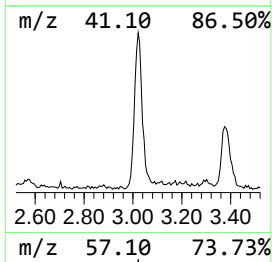
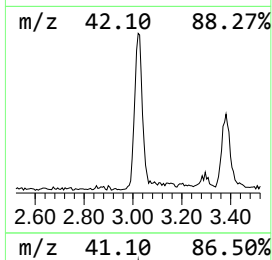
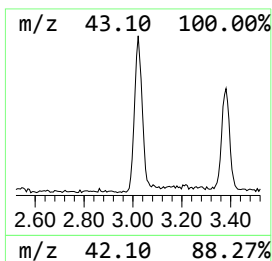
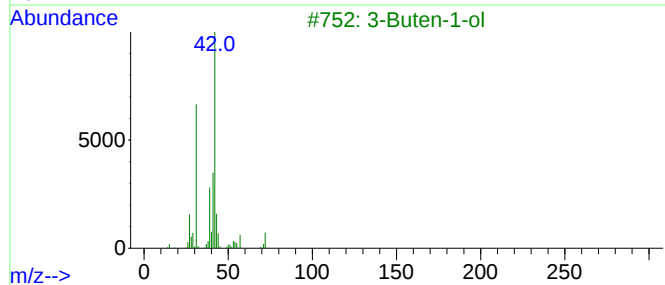
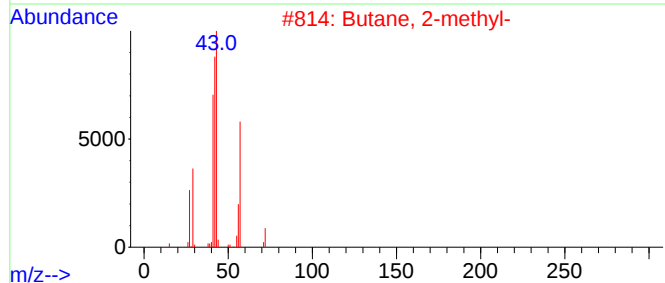
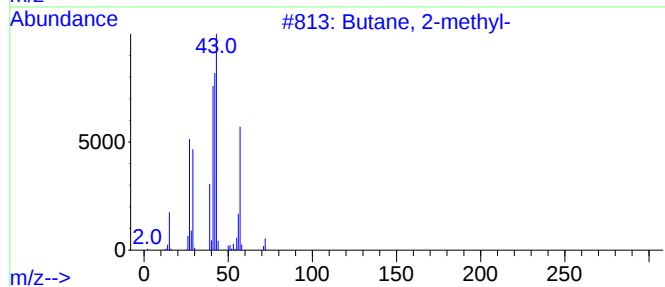
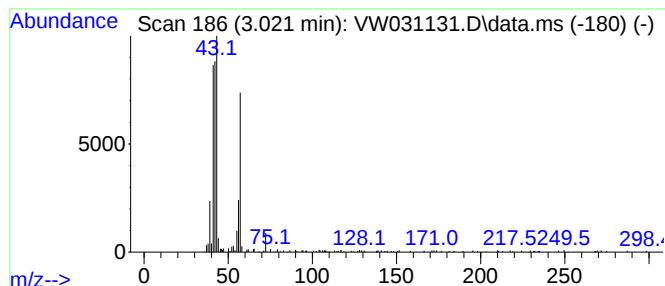
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.021	3.16 ug/L	97051	1,4-Difluorobenzene	8.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	90
2	Butane, 2-methyl-			72	C5H12	000078-78-4	90
3	3-Buten-1-ol			72	C4H8O	000627-27-0	43
4	Isobutylene epoxide			72	C4H8O	000558-30-5	40
5	Pentane			72	C5H12	000109-66-0	33



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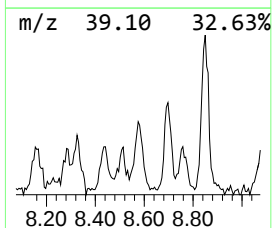
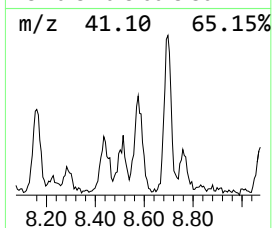
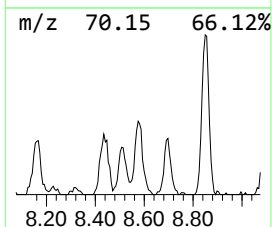
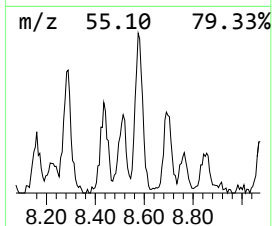
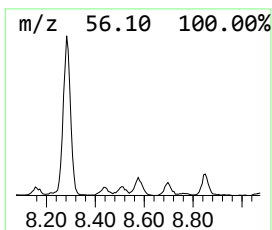
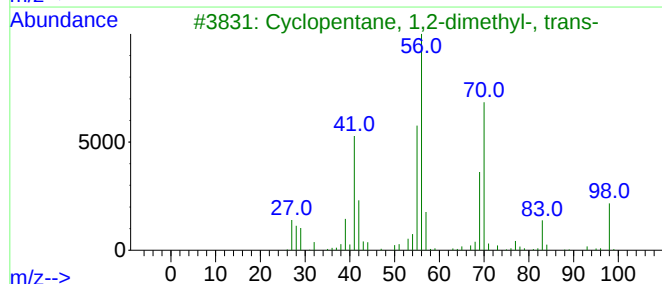
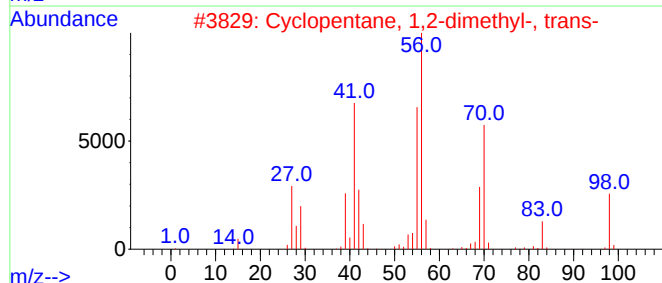
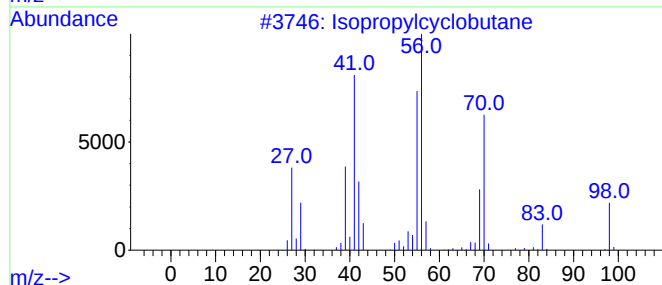
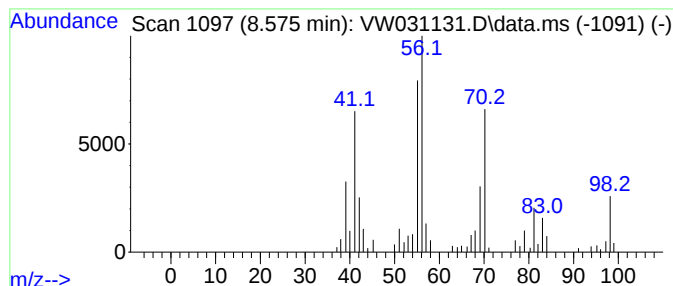
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic8.575 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	1.63 ug/L	49861	1,4-Difluorobenzene	8.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropylcyclobutane	98	C7H14	000872-56-0	90
2			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	80
4			Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	53
5			2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	52



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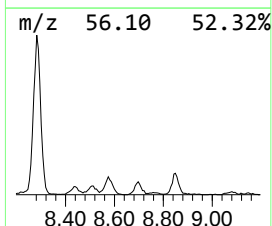
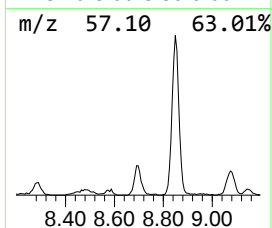
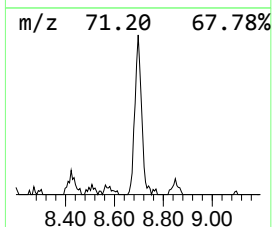
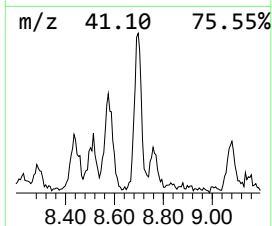
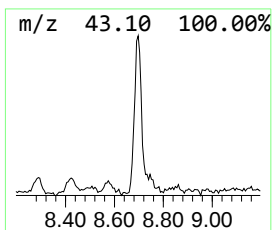
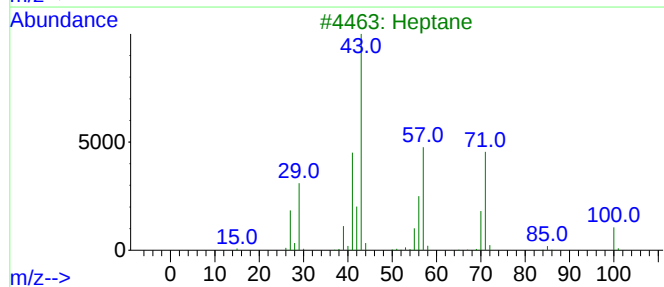
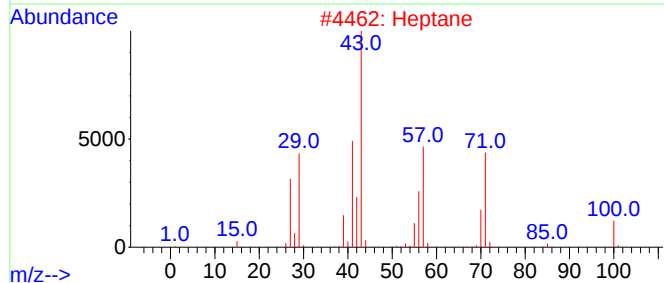
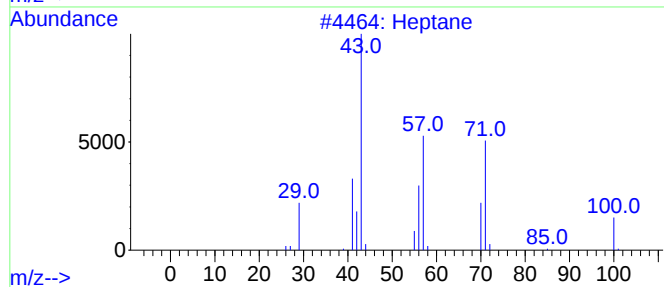
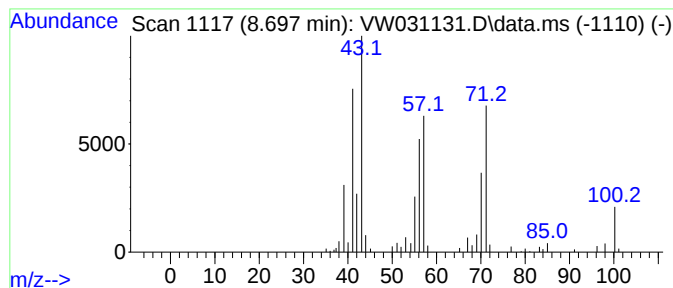
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	1.77 ug/L	54375	1,4-Difluorobenzene	8.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	86
2	Heptane			100	C7H16	000142-82-5	72
3	Heptane			100	C7H16	000142-82-5	72
4	Hexane, 3-methyl-			100	C7H16	000589-34-4	50
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

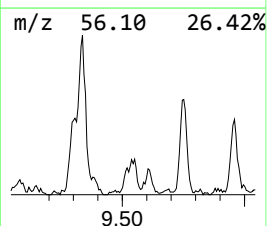
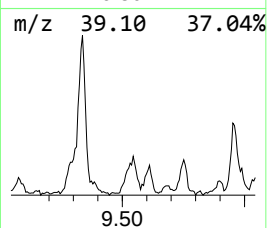
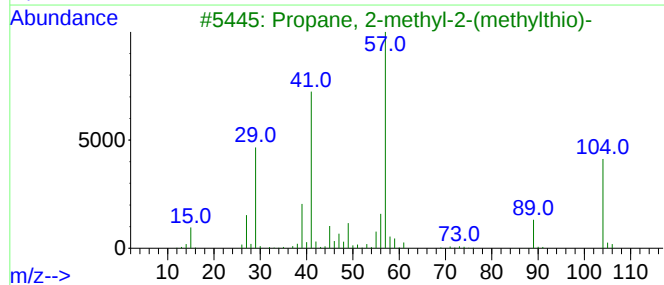
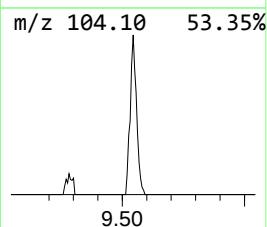
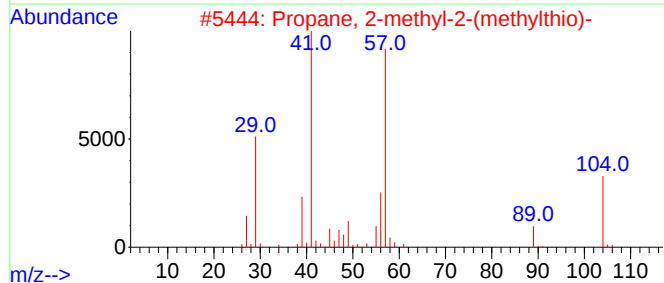
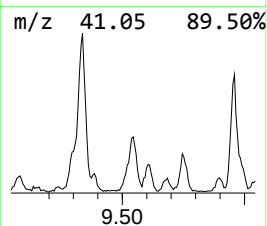
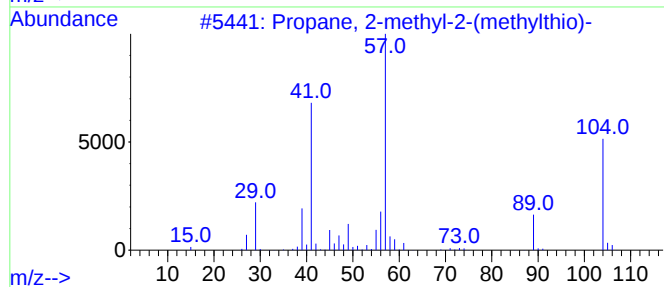
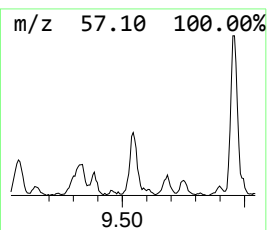
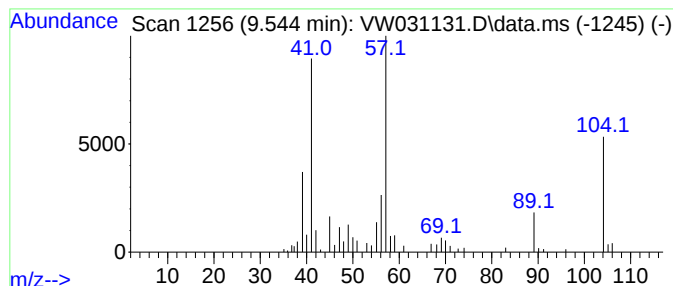
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Quant Title : SFAM01.0

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

Peak Number 5 Propane, 2-methyl-2-(methyl... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.544	1.95 ug/L	59734	1,4-Difluorobenzene	8.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	94
2			Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	90
3			Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	90
4			Propane, 2-methyl-2-(methylthio)-	104	C5H12S	006163-64-0	87
5			Thiourea, N,N-dimethyl-	104	C3H8N2S	006972-05-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

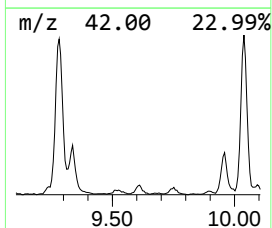
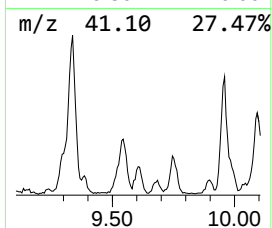
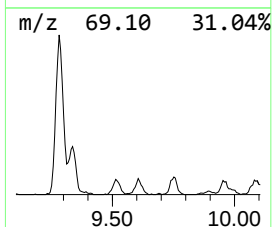
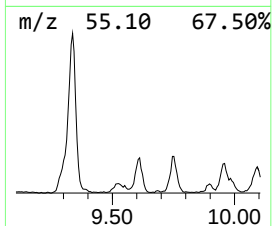
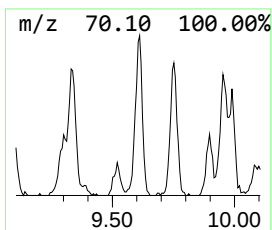
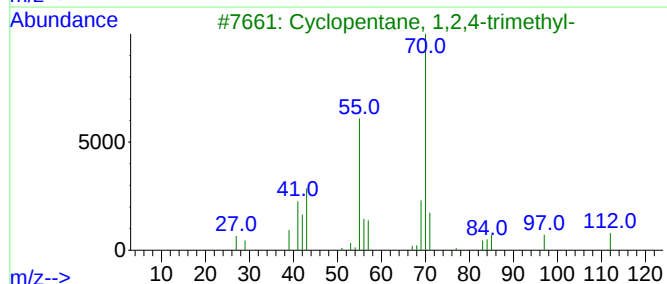
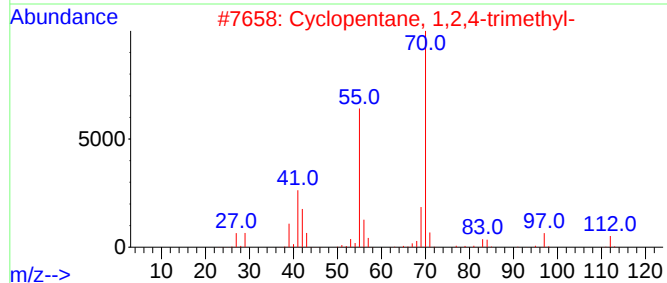
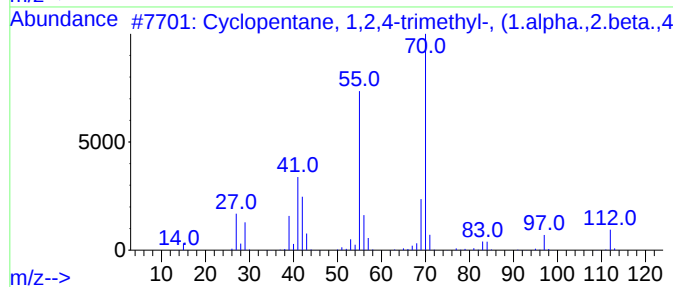
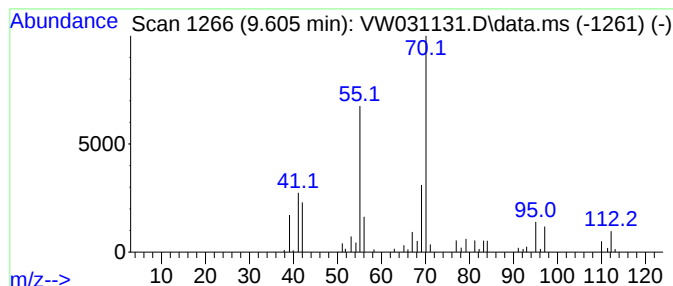
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic9.605 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.605	1.50 ug/L	46047	1,4-Difluorobenzene	8.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83
3			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	80
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

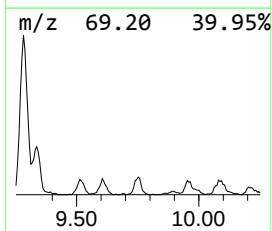
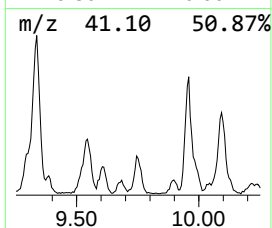
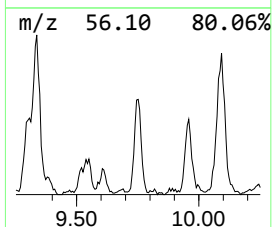
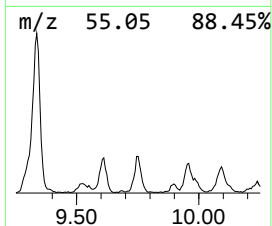
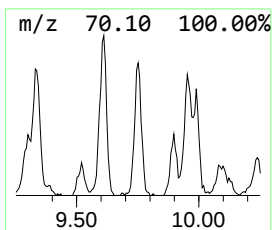
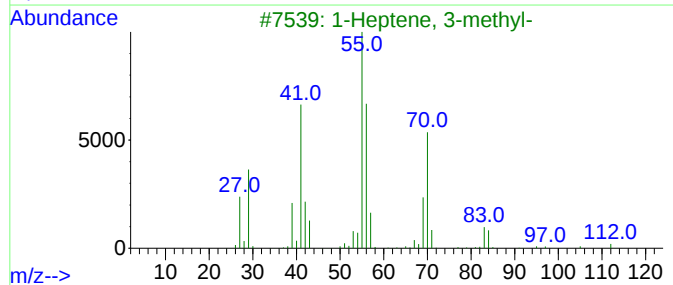
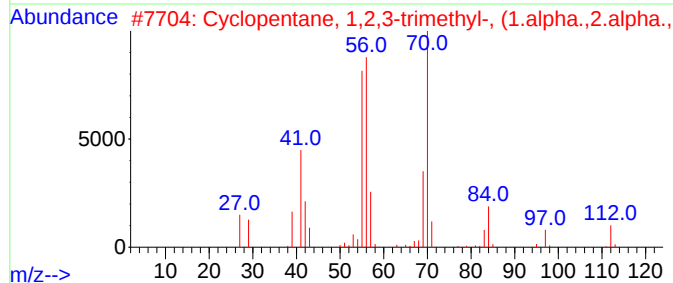
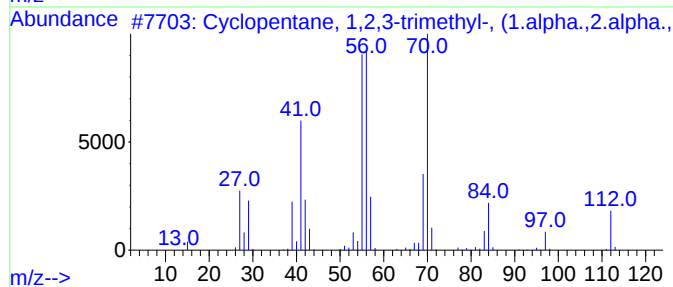
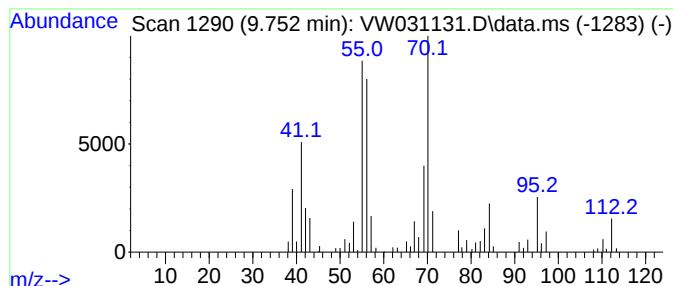
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic9.752 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	2.04 ug/L	62450	1,4-Difluorobenzene	8.849

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59
5			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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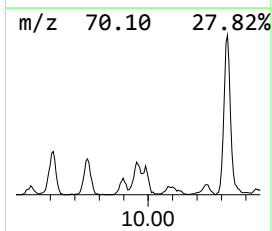
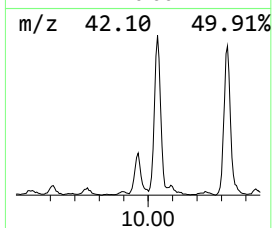
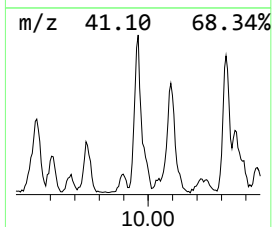
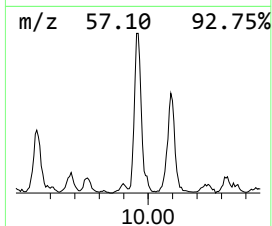
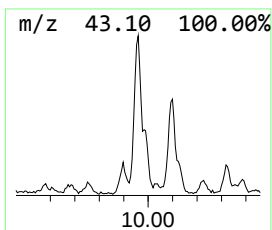
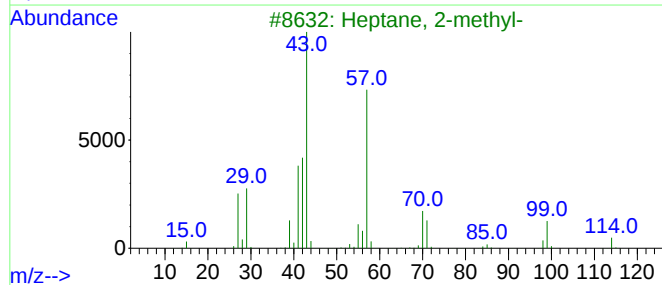
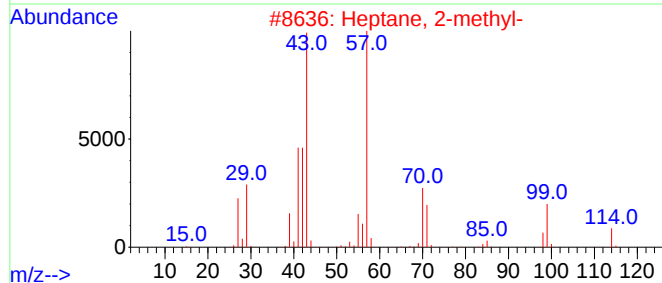
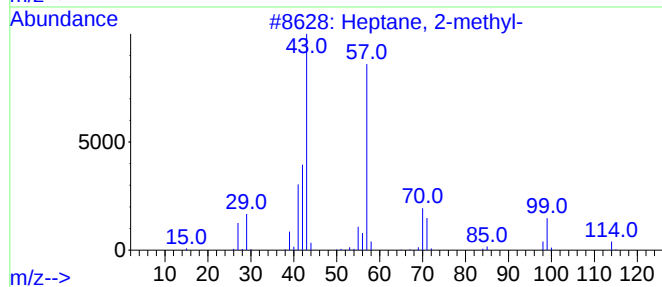
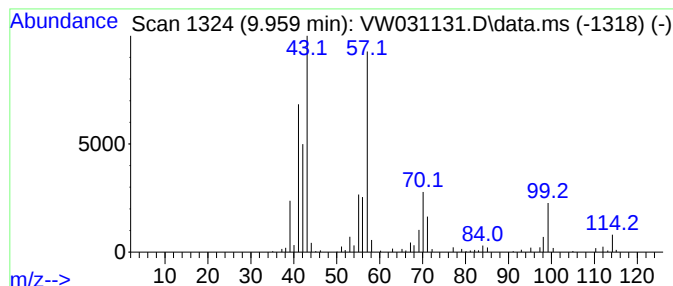
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.959	4.38 ug/L	134492	1,4-Difluorobenzene	8.849

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	74
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	64
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

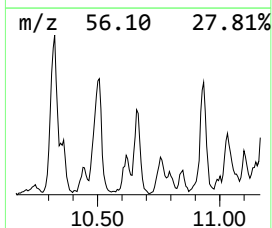
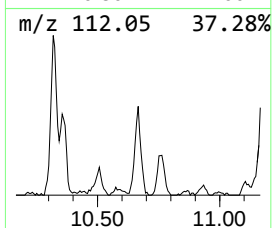
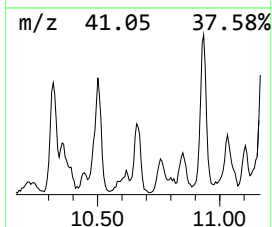
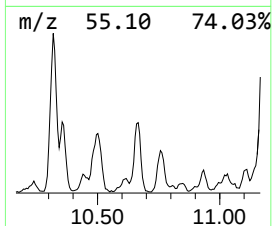
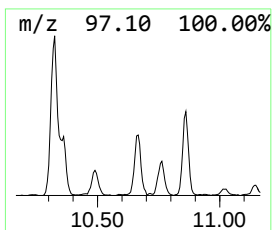
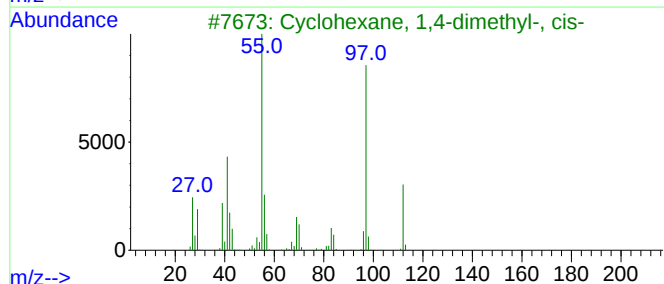
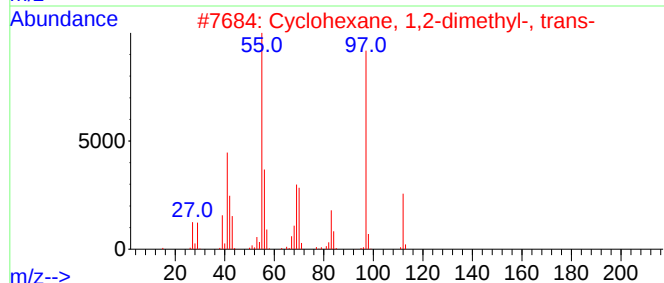
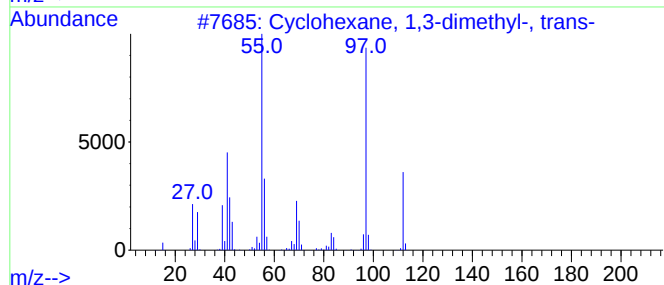
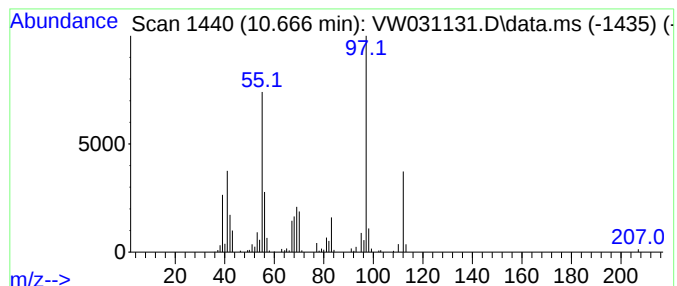
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic10.666 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	3.40 ug/L	71253	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

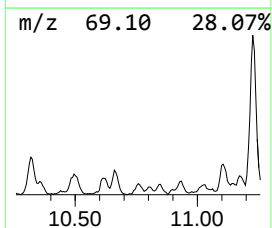
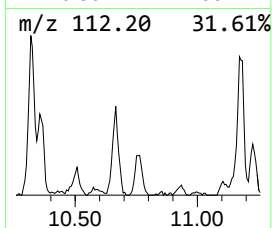
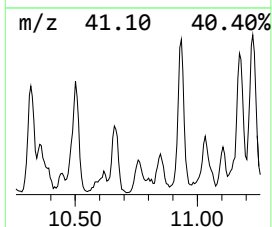
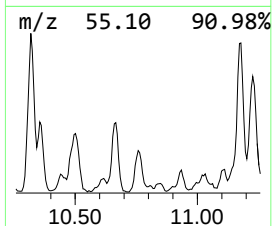
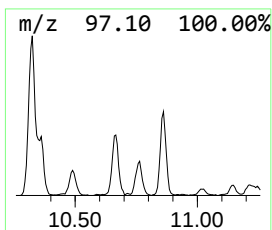
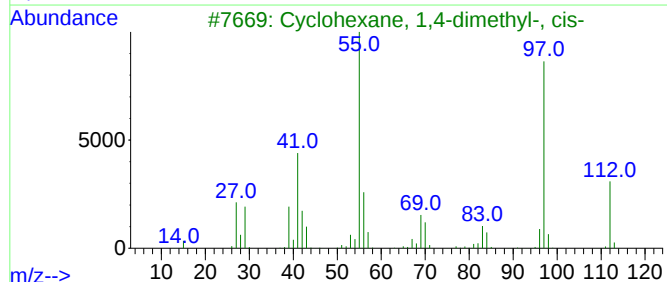
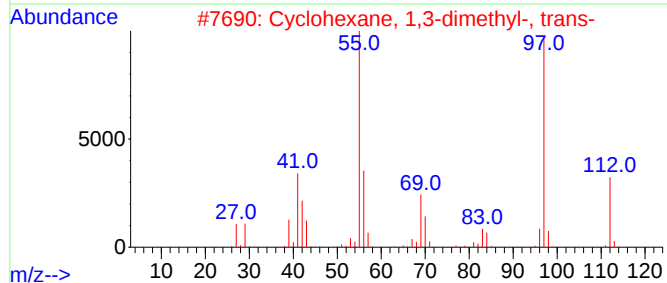
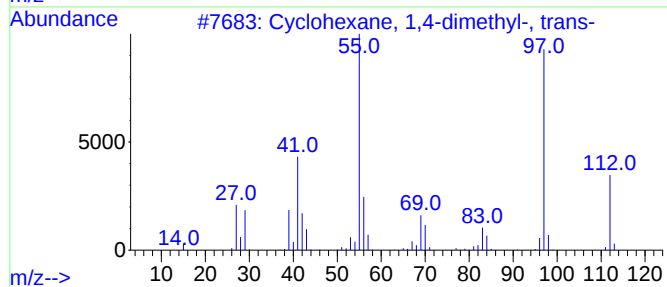
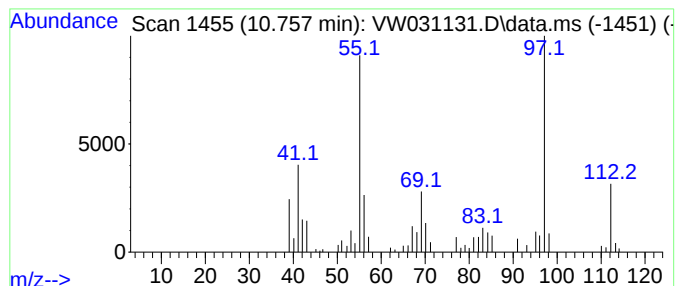
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic10.758 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.758	2.11 ug/L	44351	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	93
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	93
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

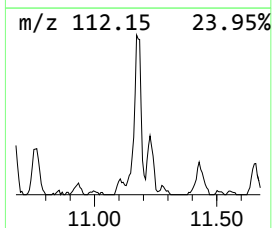
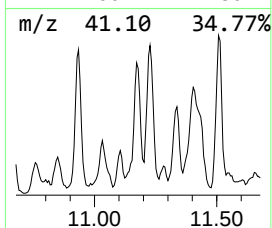
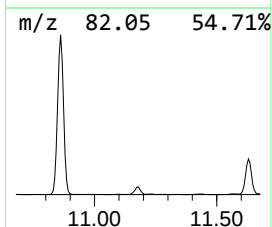
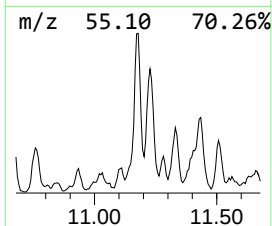
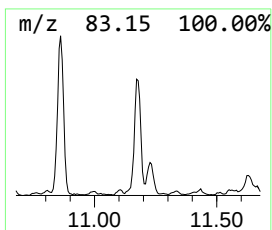
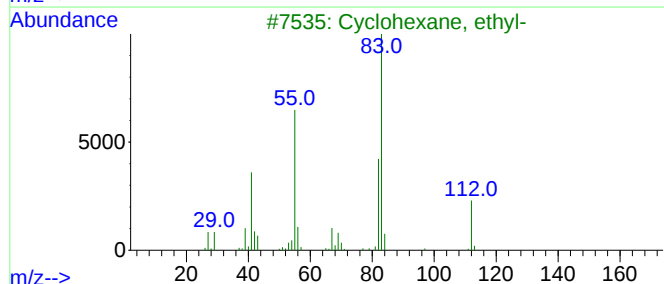
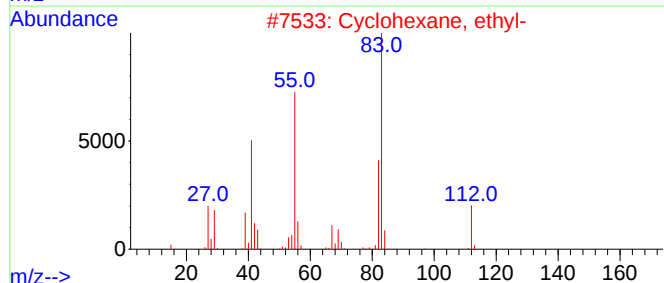
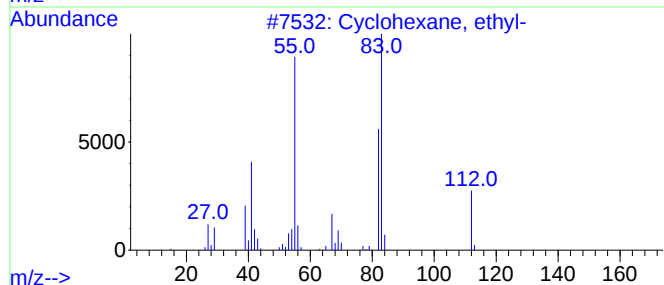
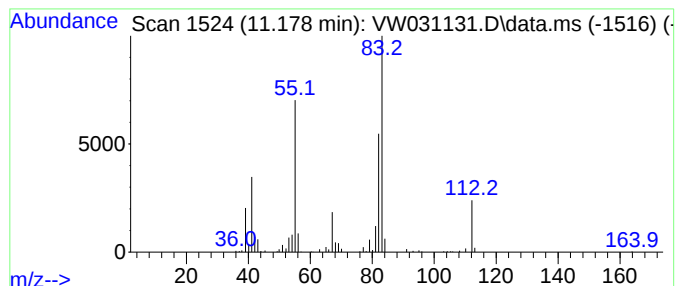
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Cyclic11.178 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	7.53 ug/L	158041	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

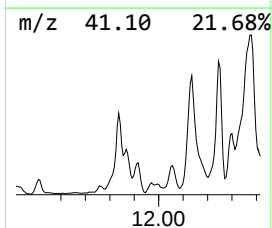
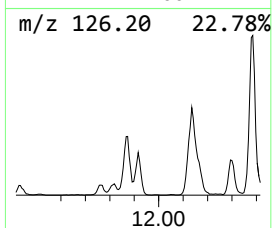
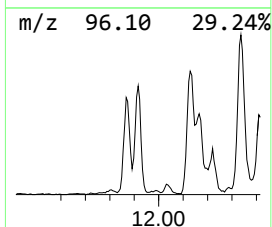
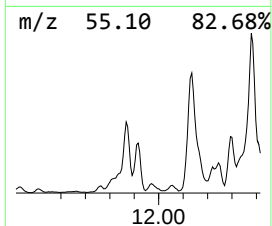
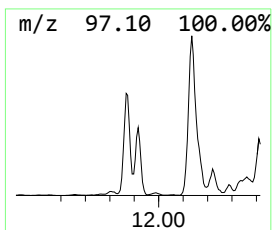
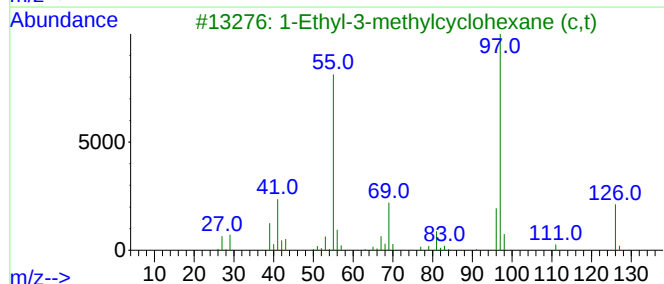
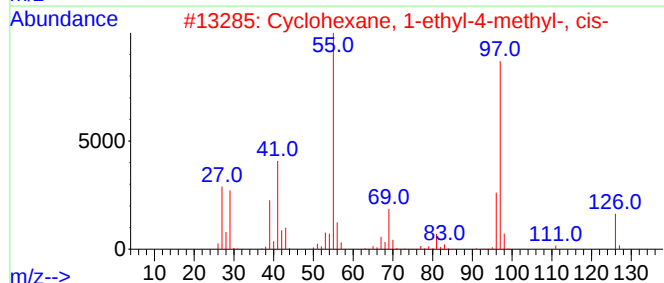
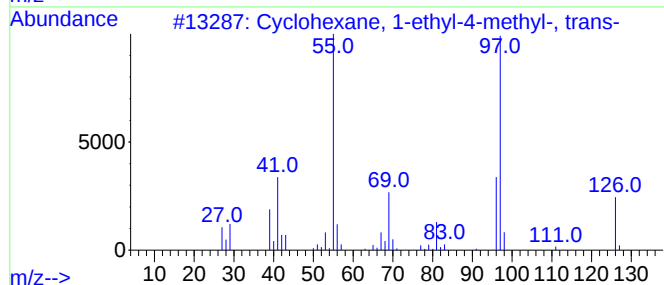
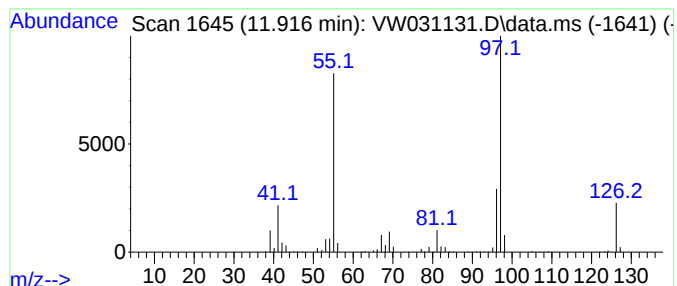
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic11.916 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	23.59 ug/L	495128	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

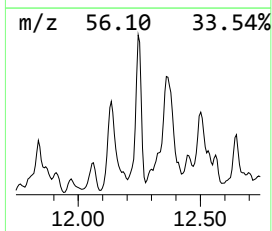
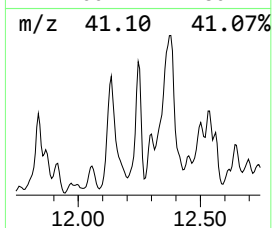
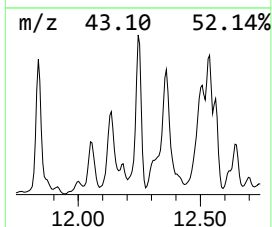
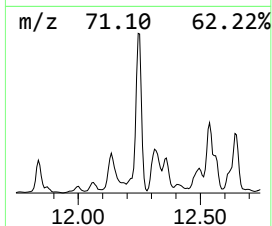
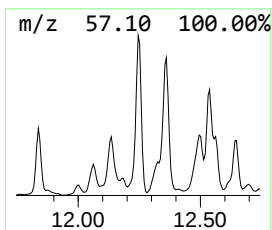
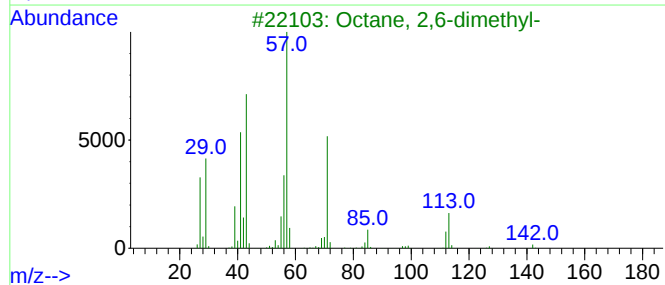
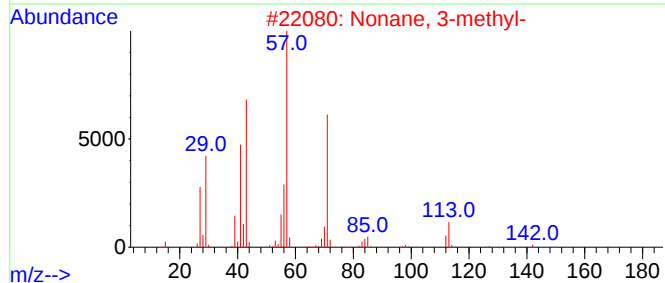
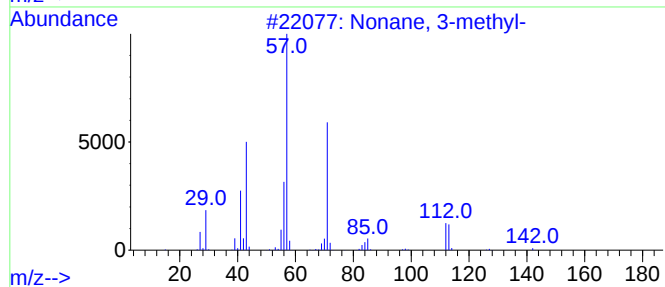
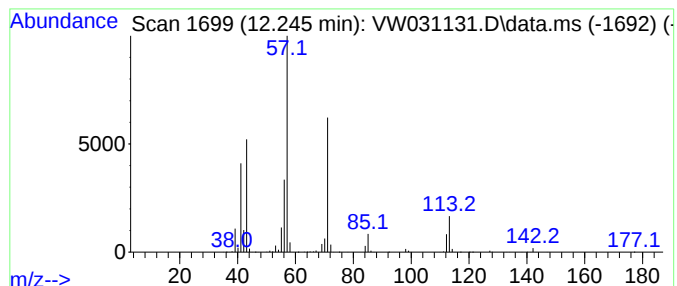
Instrument :
MSVOA_W
ClientSampleId :
E28M0

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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.245	62.61 ug/L	1313930	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
2	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	90
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

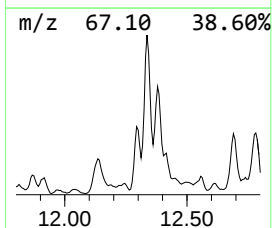
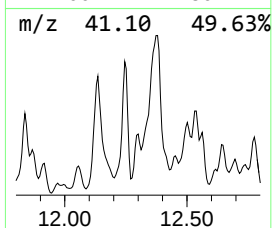
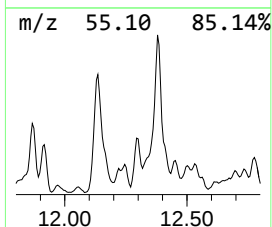
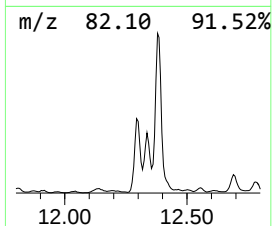
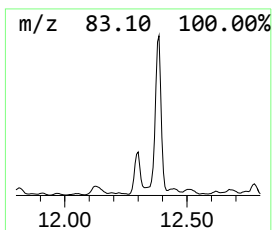
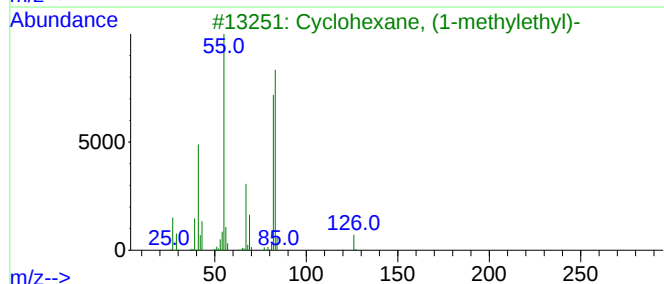
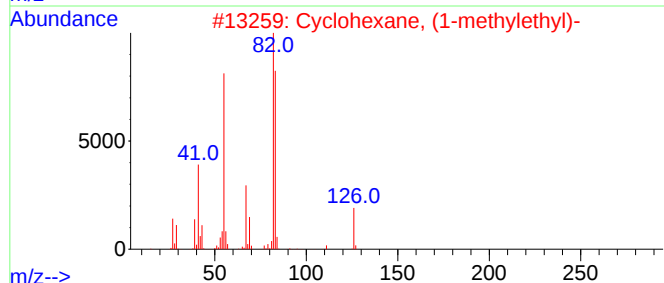
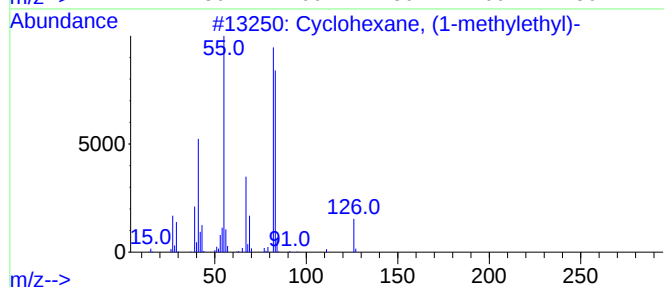
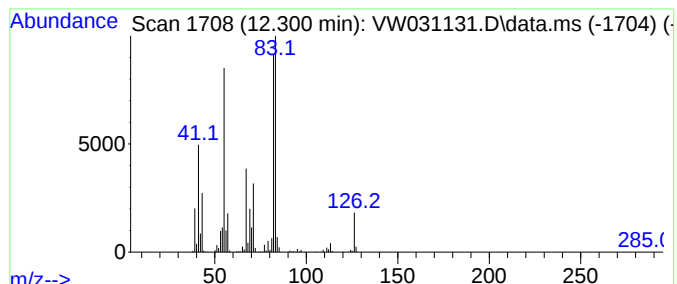
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Cyclic12.300 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.300	29.18 ug/L	612430	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	96
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	95
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

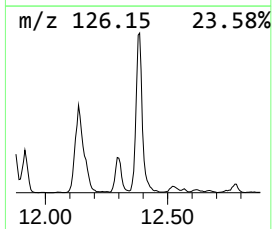
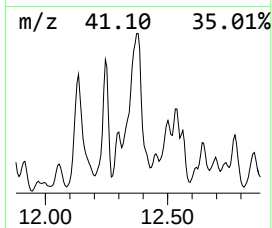
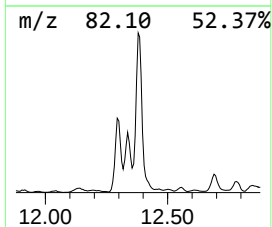
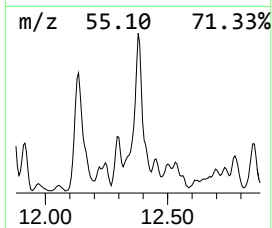
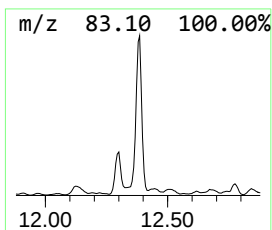
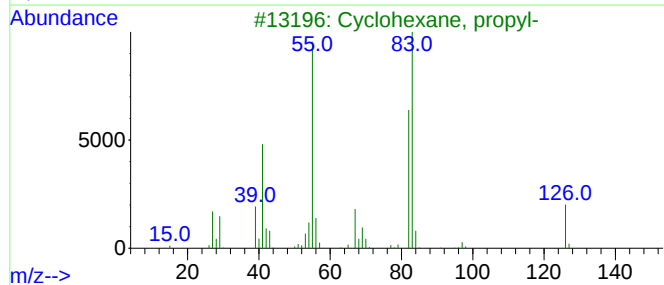
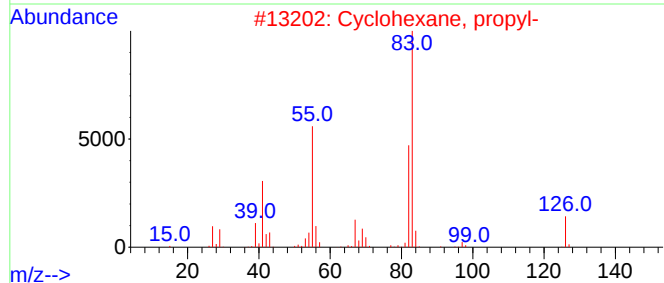
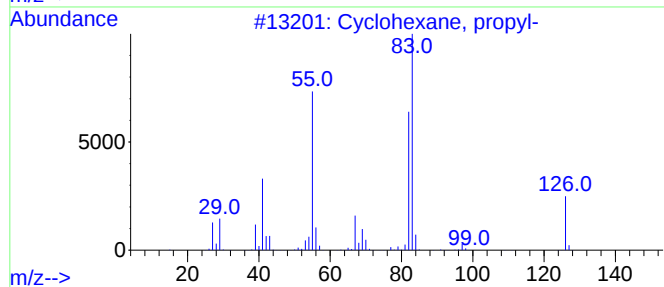
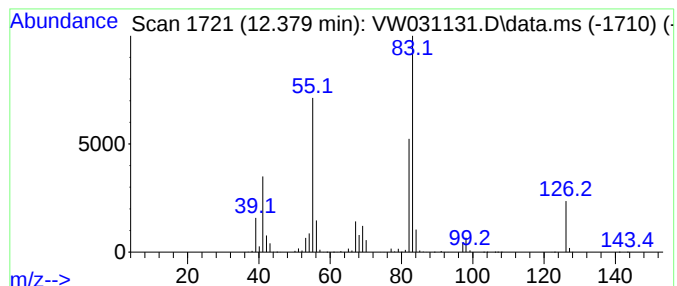
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Cyclic12.379 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.379	167.01 ug/L	3505020	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	91
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

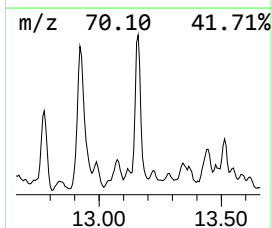
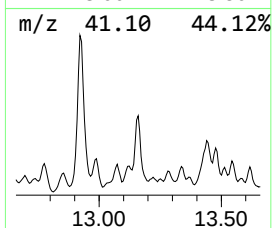
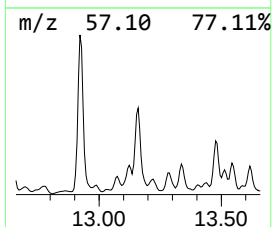
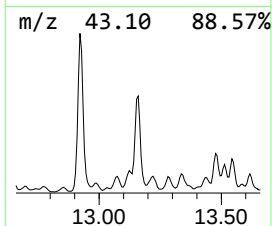
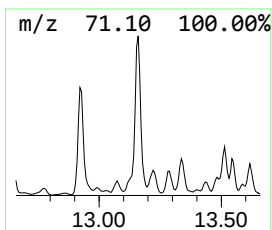
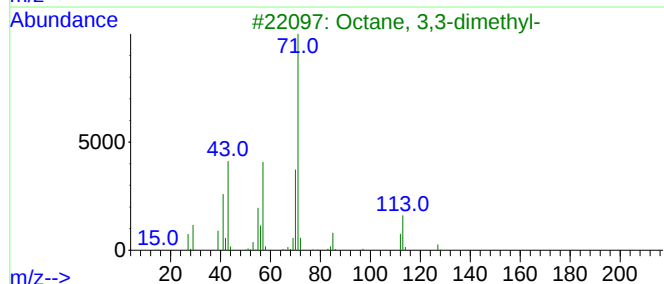
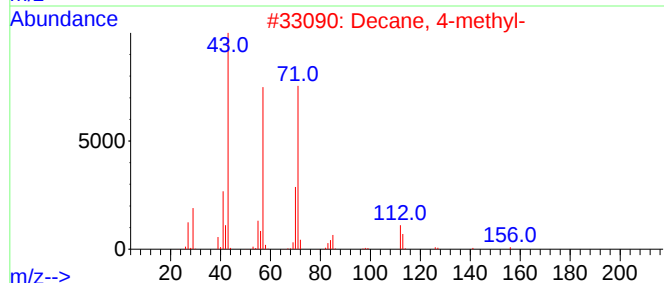
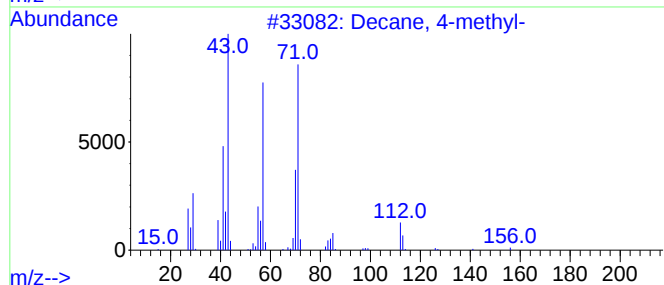
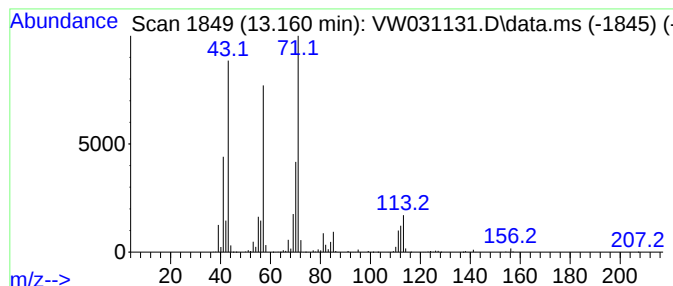
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Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	76.92 ug/L	1837470	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	90
2			Decane, 4-methyl-	156	C11H24	002847-72-5	81
3			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	72
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

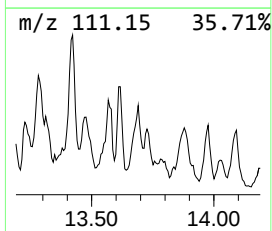
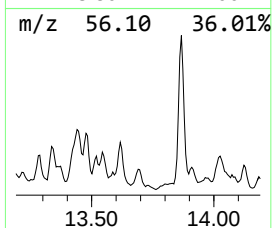
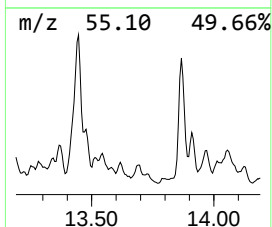
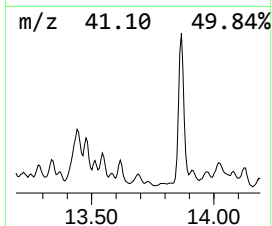
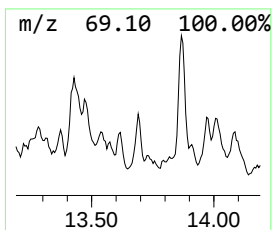
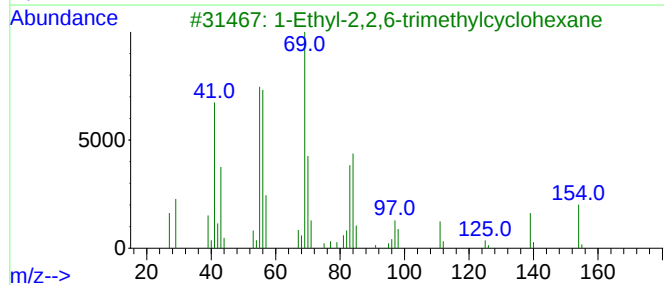
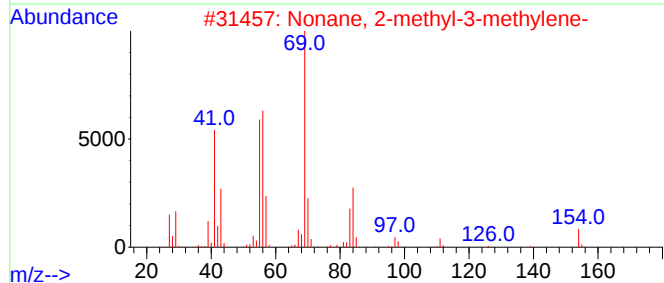
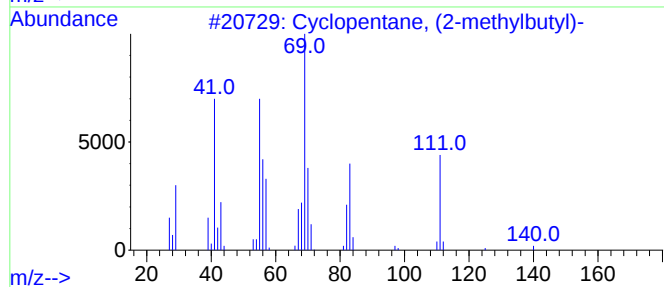
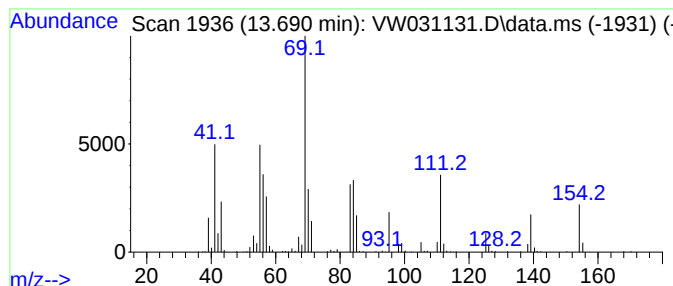
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Quant Title : SFAM01.0

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

Peak Number 37 (DEL) Alkane: Cyclic13.690 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	9.82 ug/L	234506	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	86
2			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	59
3			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	53
4			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	50
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

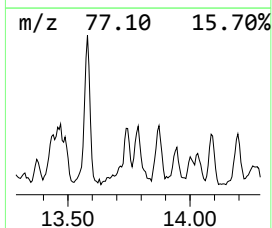
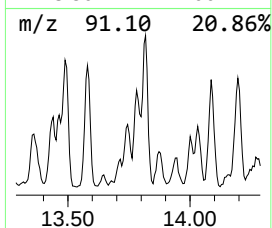
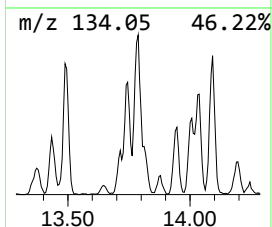
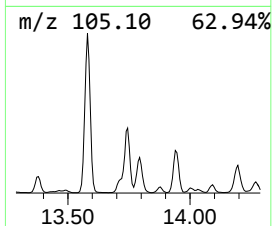
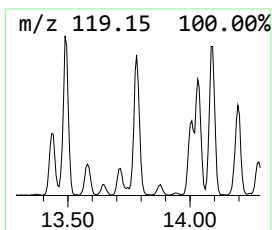
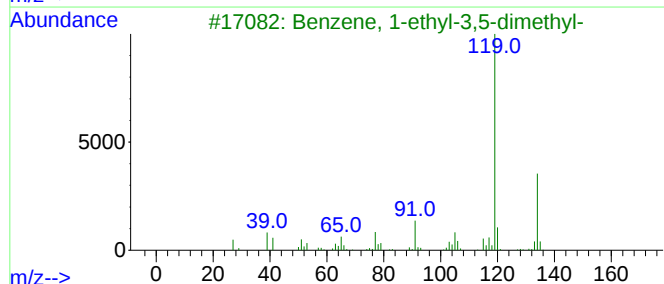
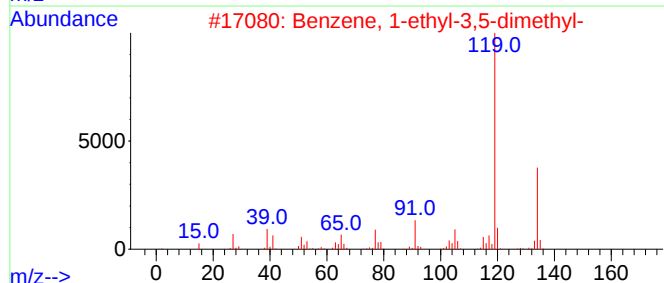
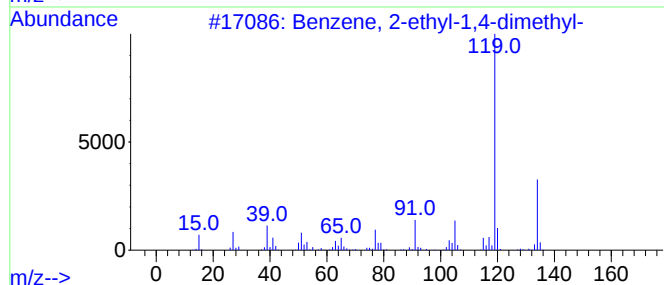
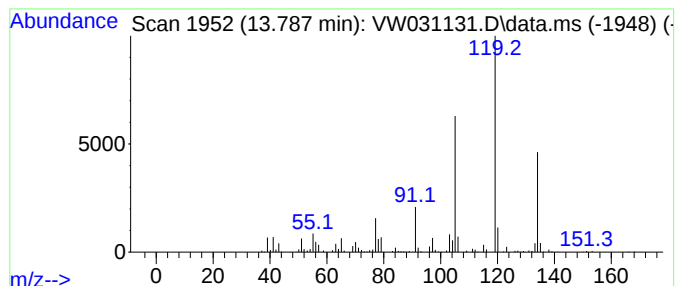
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	7.94 ug/L	189749	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

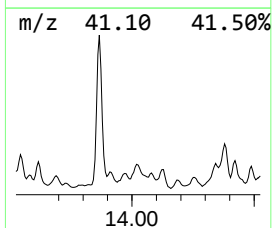
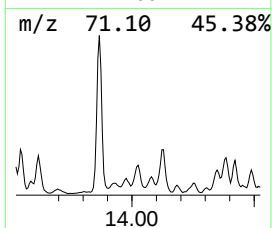
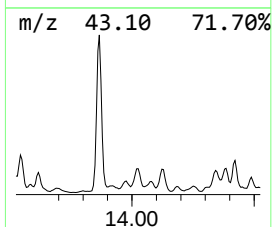
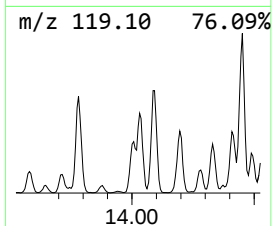
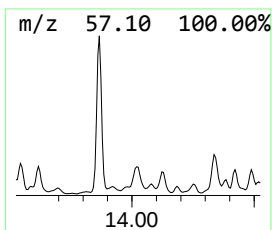
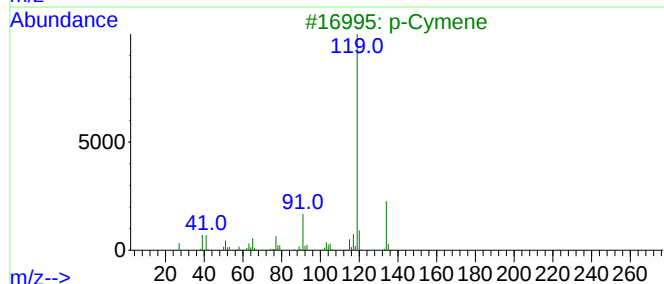
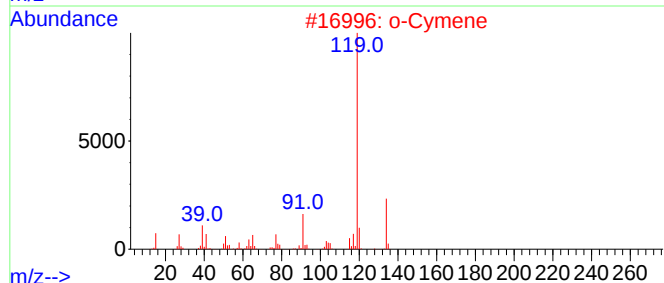
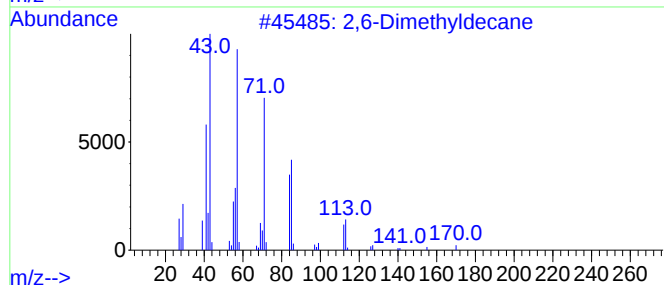
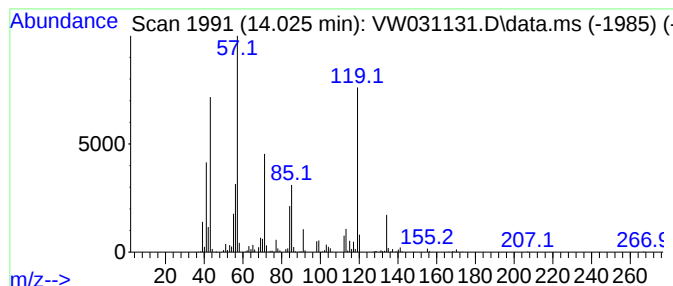
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Quant Title : SFAM01.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	21.02 ug/L	502164	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6-Dimethyldecane	170	C12H26	013150-81-7	89
2		o-Cymene	134	C10H14	000527-84-4	80
3		p-Cymene	134	C10H14	000099-87-6	80
4		o-Cymene	134	C10H14	000527-84-4	80
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

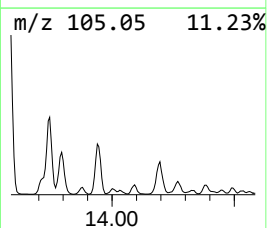
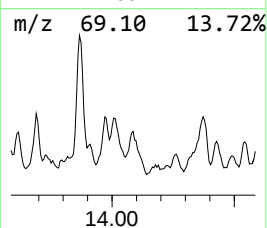
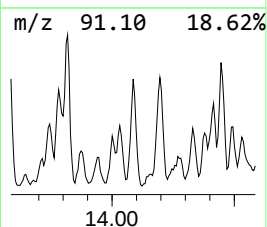
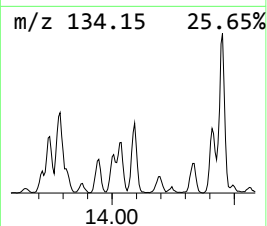
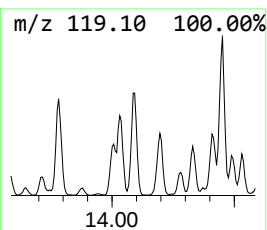
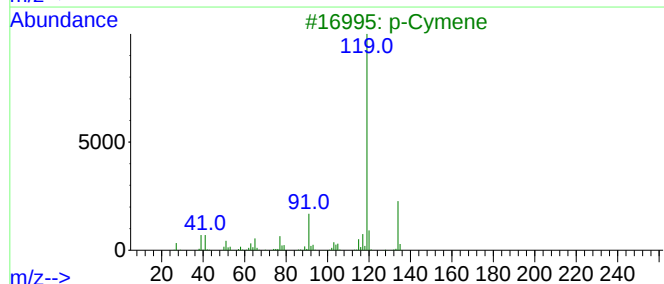
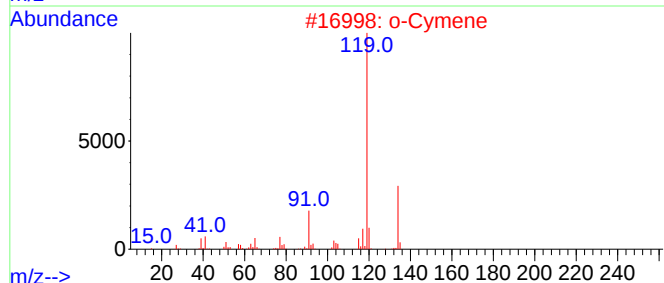
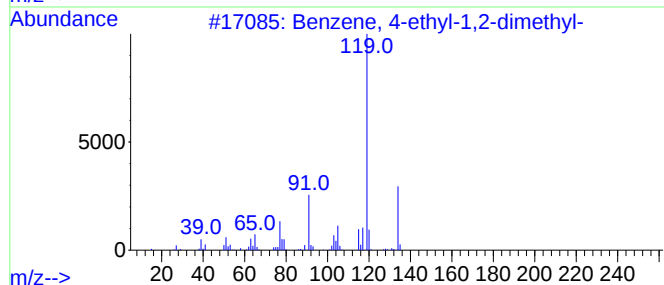
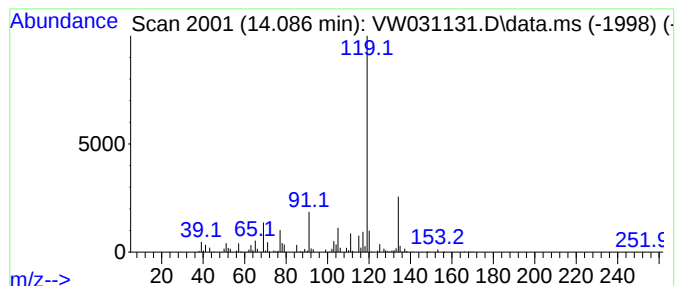
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Quant Title : SFAM01.0

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

Peak Number 41 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	9.20 ug/L	219796	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

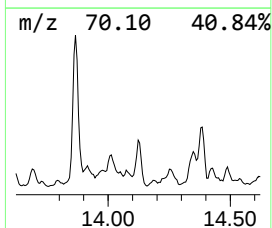
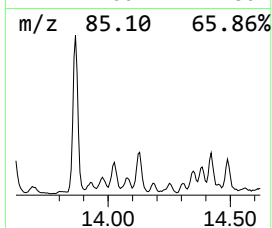
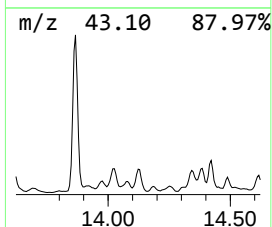
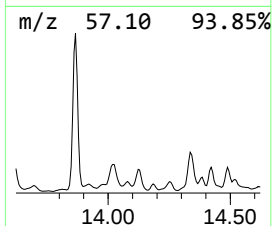
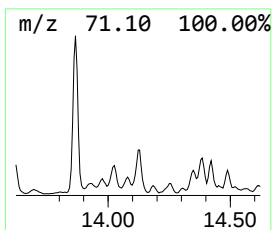
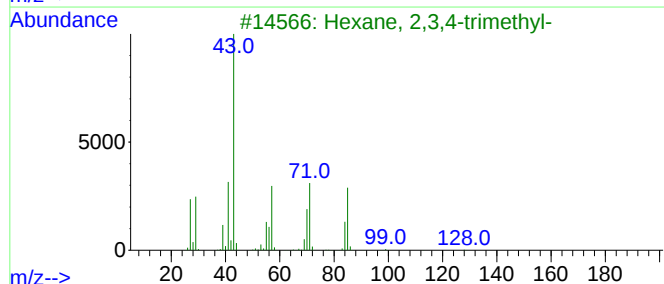
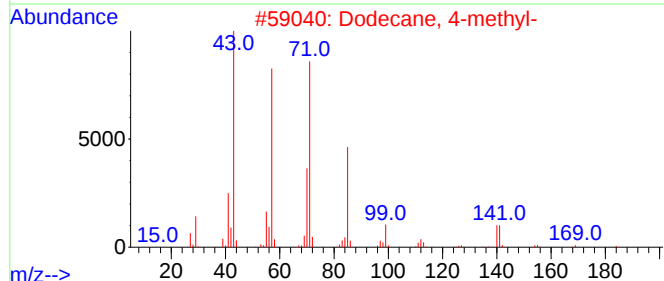
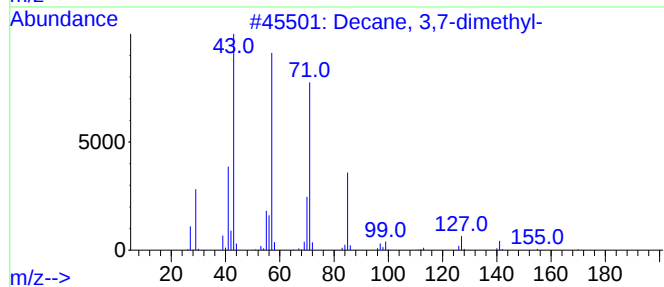
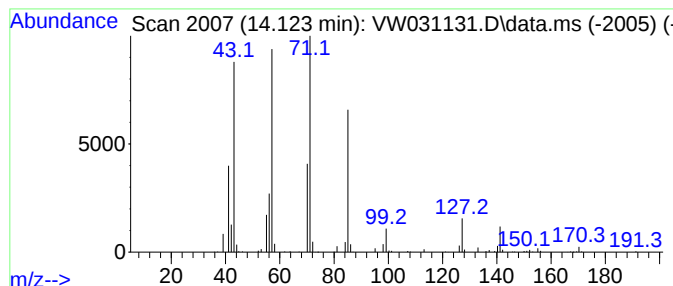
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Quant Title : SFAM01.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	13.47 ug/L	321675	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
5			Decane, 4-methyl-	156	C11H24	002847-72-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

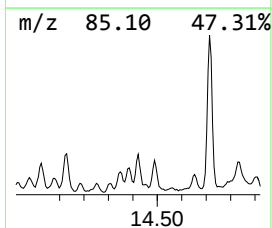
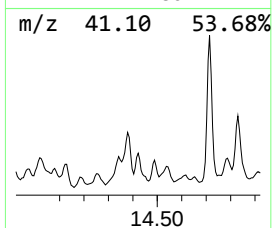
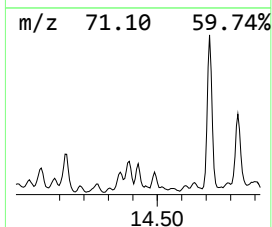
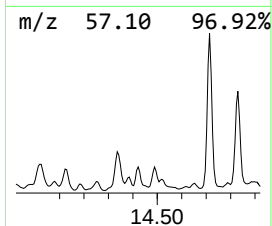
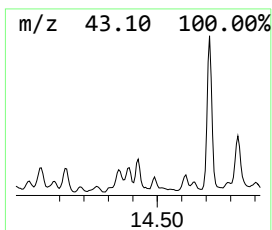
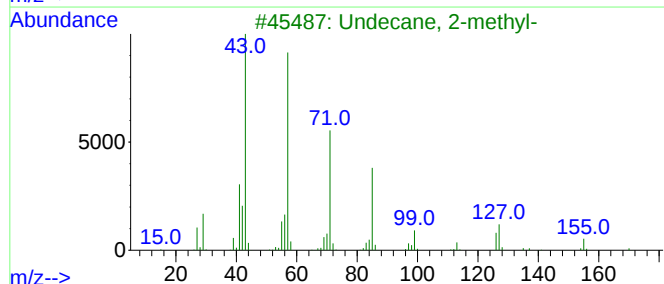
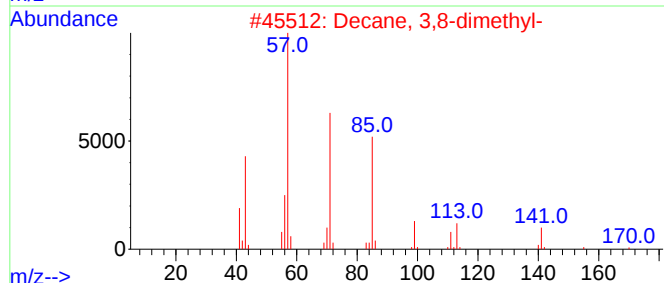
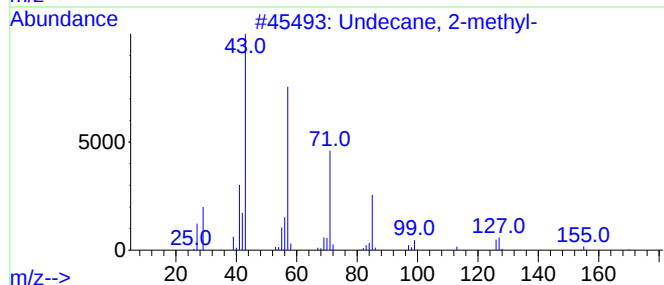
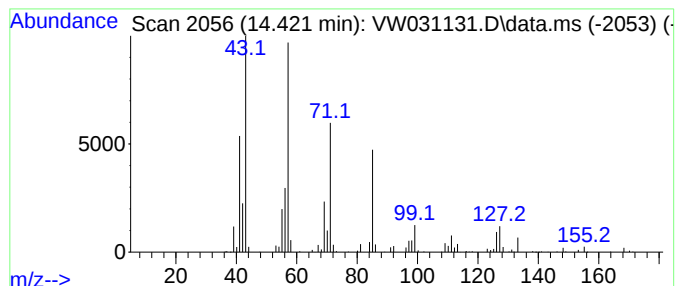
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	18.39 ug/L	439322	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	81
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

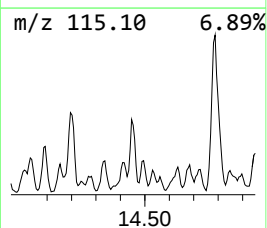
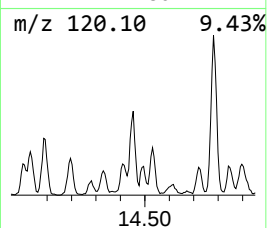
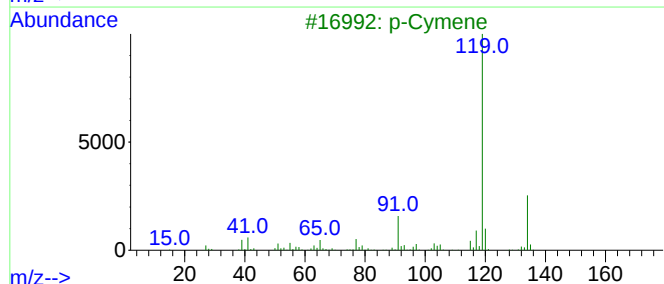
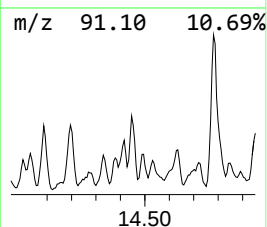
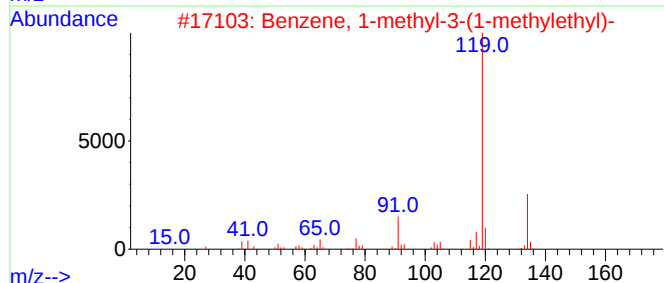
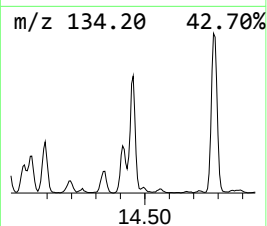
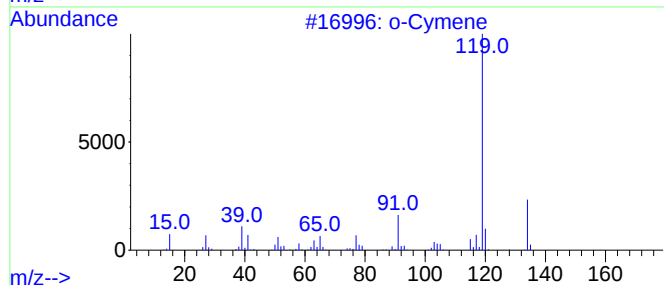
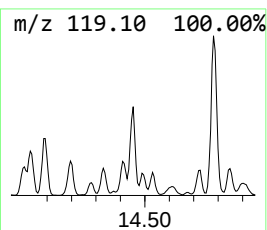
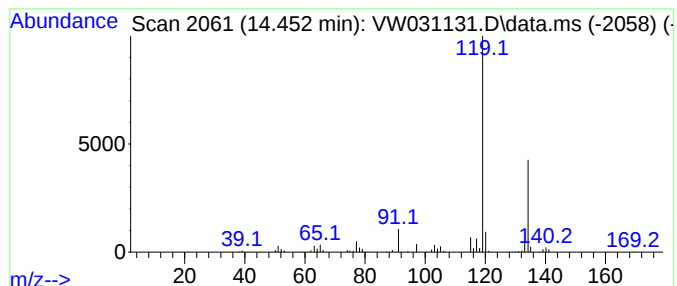
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Quant Title : SFAM01.0

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

Peak Number 48 o-Cymene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	12.60 ug/L	300864	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	90
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
3			p-Cymene	134	C10H14	000099-87-6	90
4			p-Cymene	134	C10H14	000099-87-6	90
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

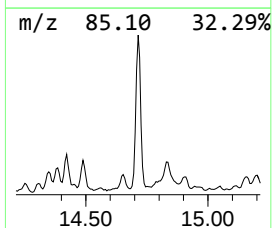
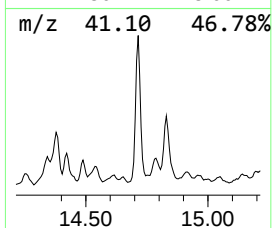
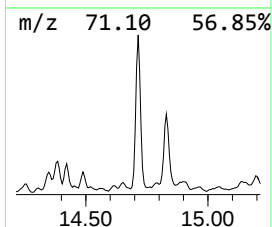
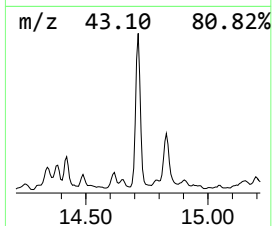
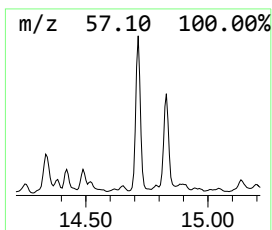
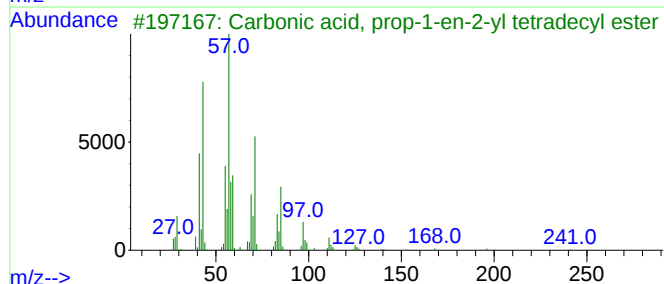
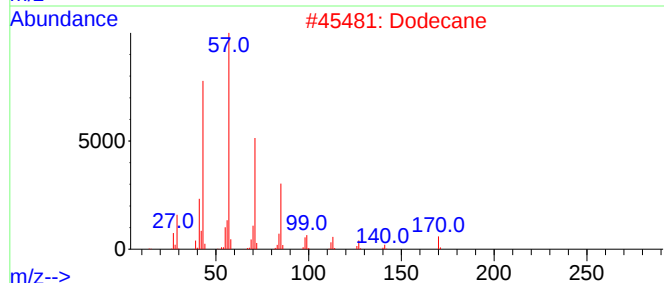
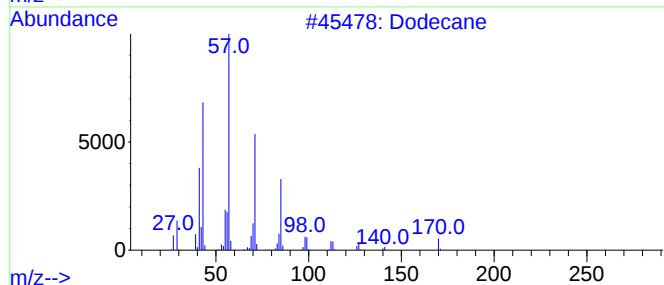
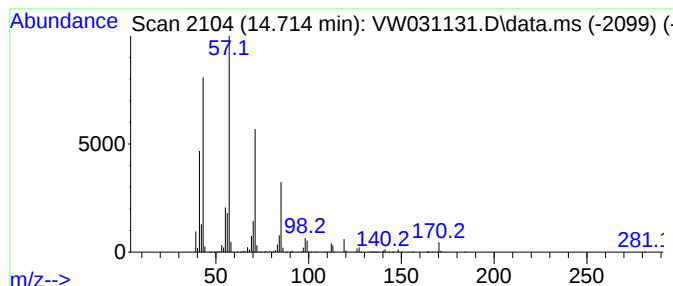
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Quant Title : SFAM01.0

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	78.44 ug/L	1873710	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	97
2			Dodecane	170	C12H26	000112-40-3	87
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
4			Undecane	156	C11H24	001120-21-4	86
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

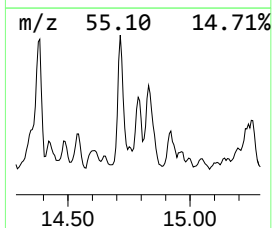
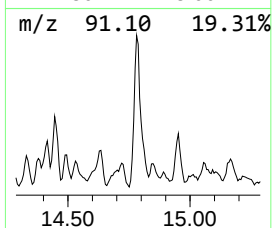
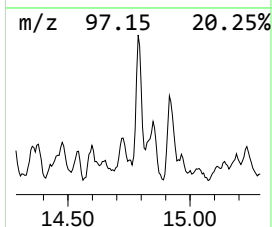
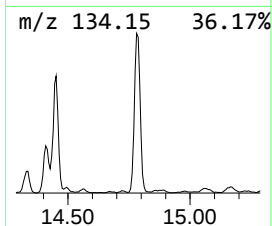
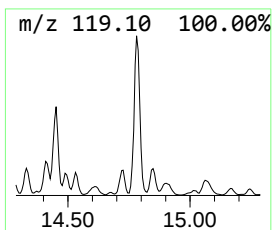
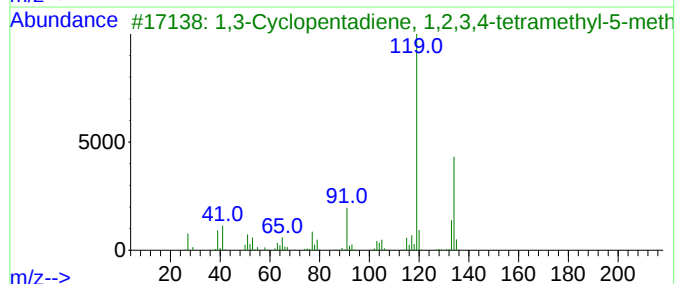
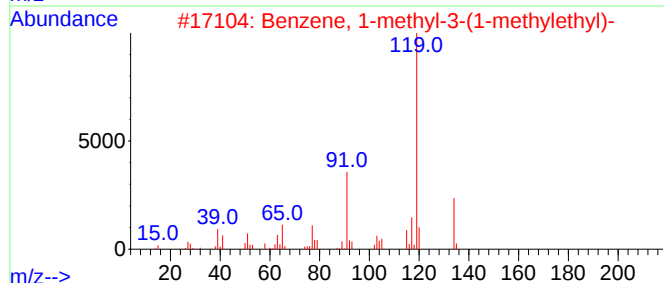
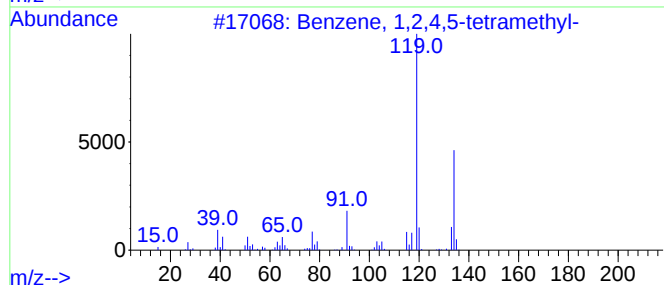
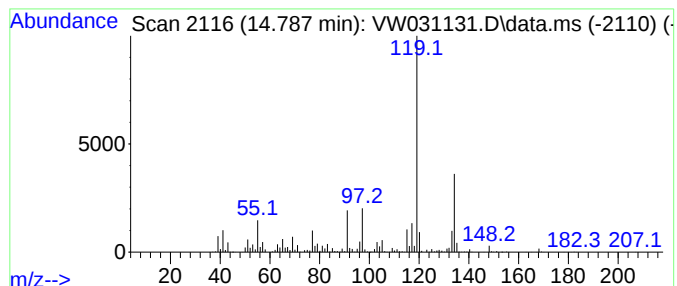
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Quant Title : SFAM01.0

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

Peak Number 52 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	47.40 ug/L	1132150	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			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			1,3-Cyclopentadiene, 1,2,3,4-tetramethyl-	134	C10H14	076089-59-3	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

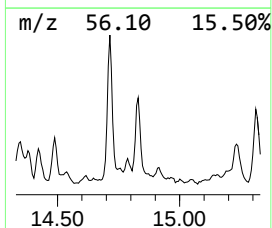
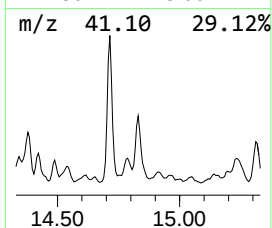
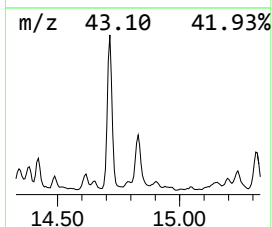
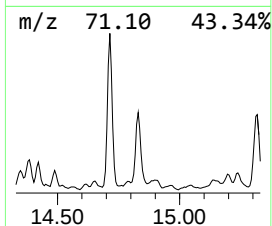
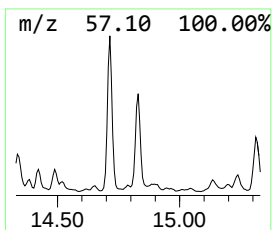
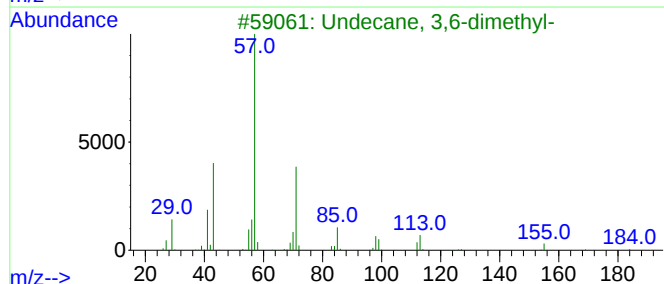
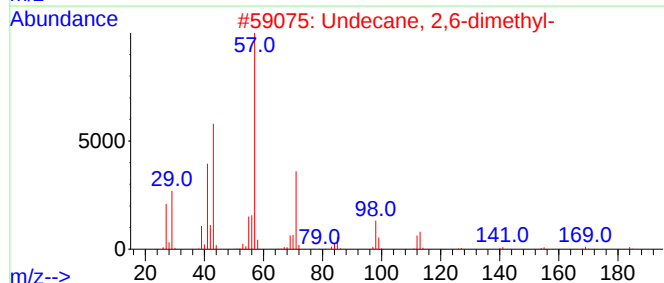
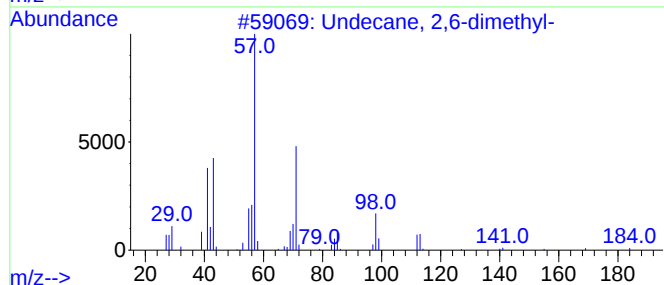
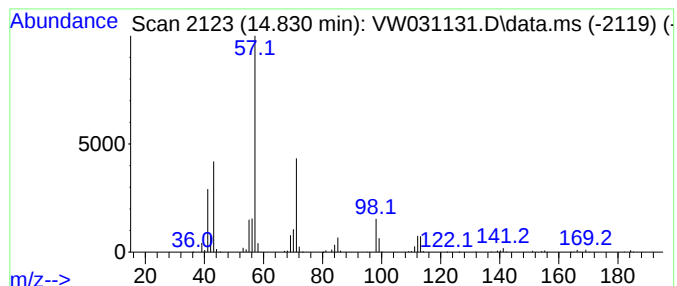
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Quant Title : SFAM01.0

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	52.76 ug/L	1260390	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

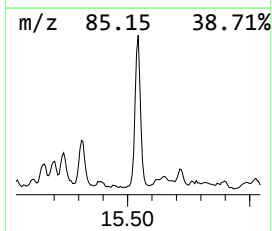
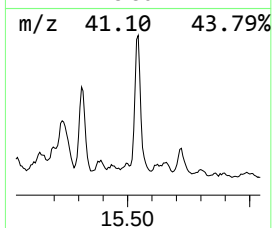
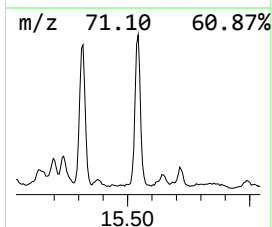
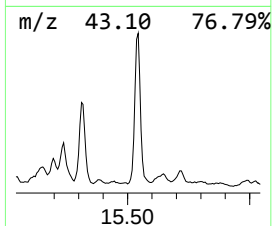
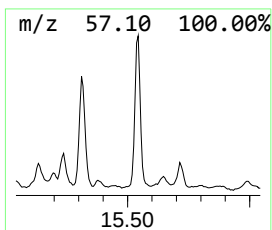
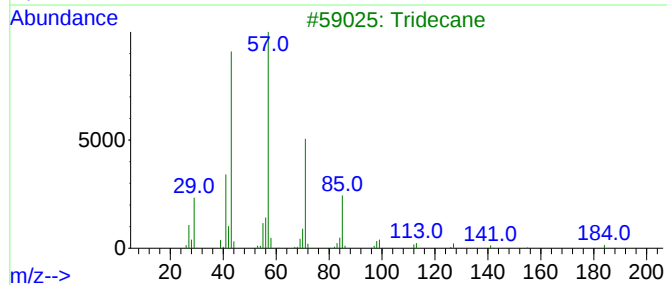
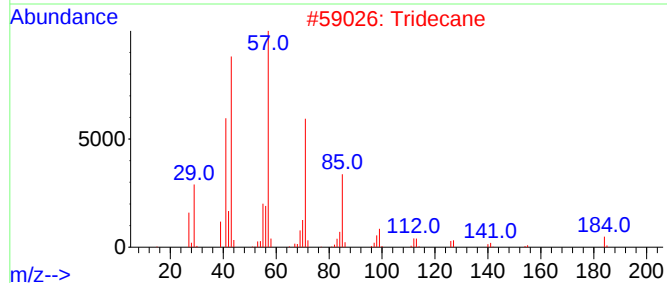
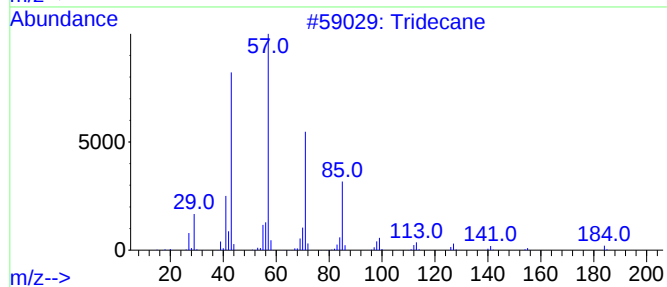
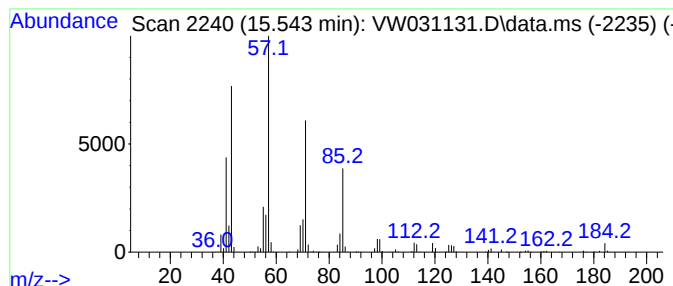
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Quant Title : SFAM01.0

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	51.07 ug/L	1219890	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	96
3		Tridecane	184	C13H28	000629-50-5	90
4		Dodecane	170	C12H26	000112-40-3	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

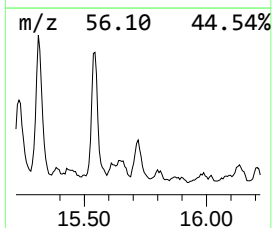
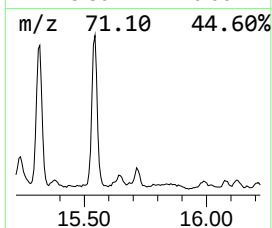
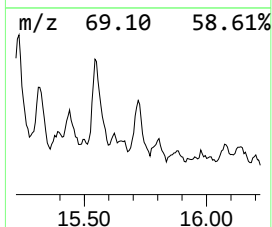
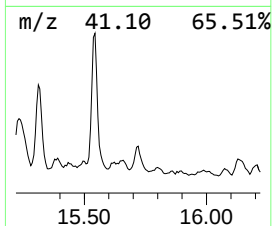
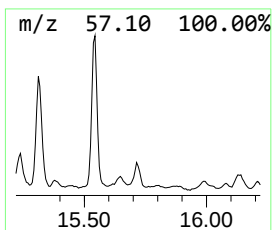
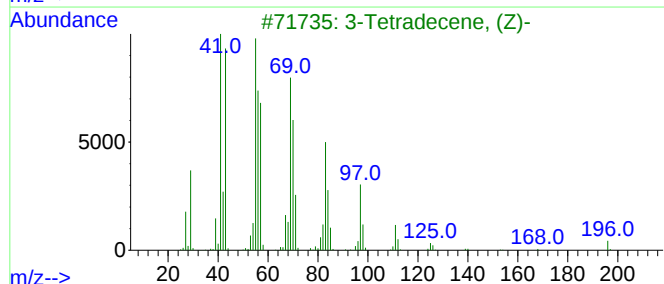
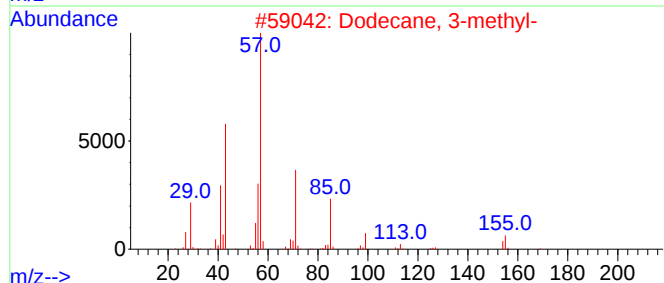
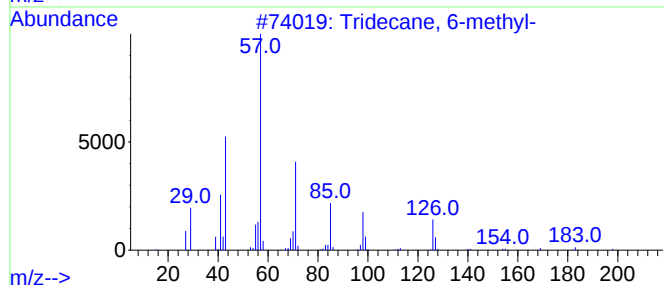
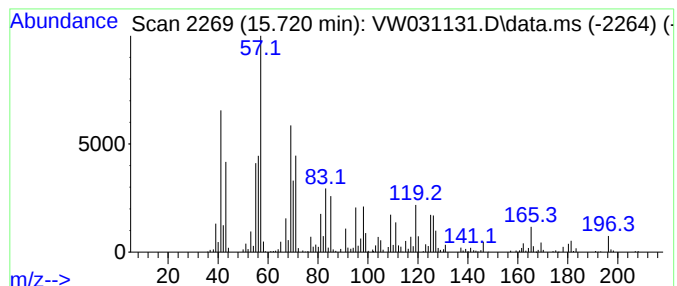
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Quant Title : SFAM01.0

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	12.15 ug/L	290191	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
3			3-Tetradecene, (Z)-	196	C14H28	041446-67-7	35
4			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	35
5			3-Tetradecene, (E)-	196	C14H28	041446-68-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

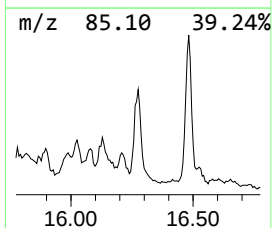
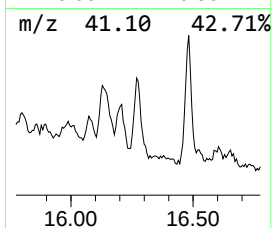
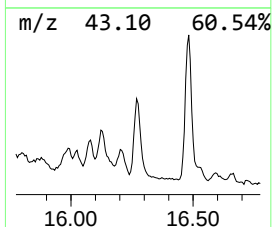
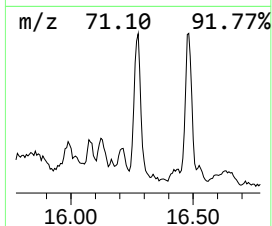
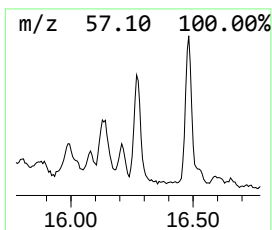
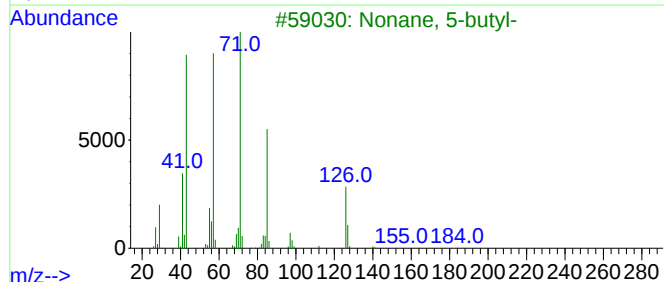
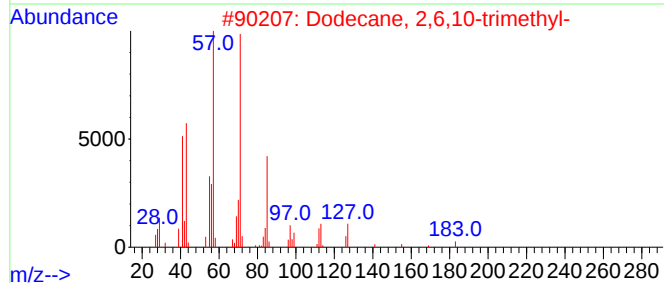
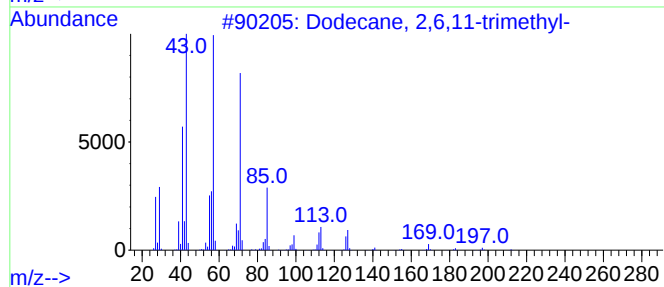
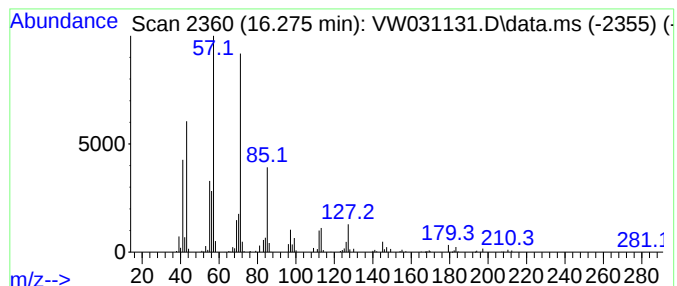
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Quant Title : SFAM01.0

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

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	11.92 ug/L	284688	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	76
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5			Octane, 2-methyl-	128	C9H20	003221-61-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

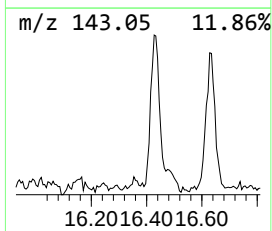
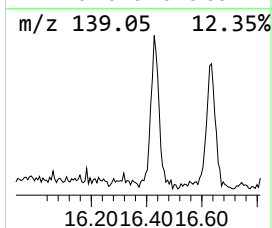
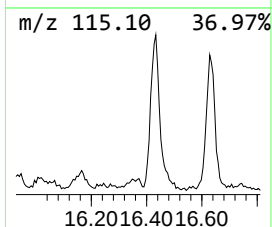
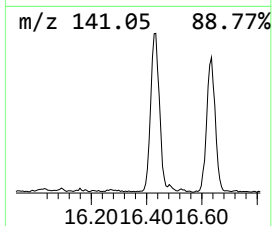
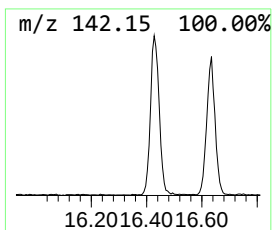
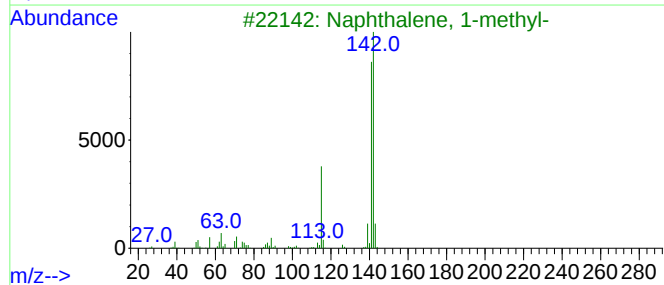
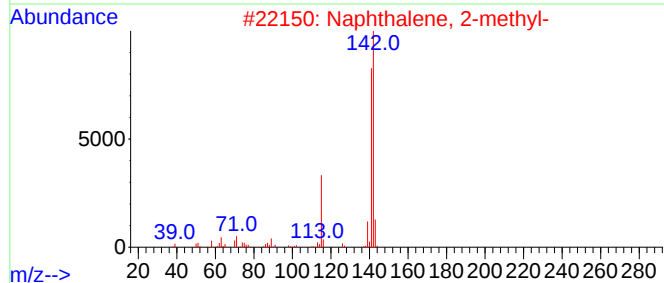
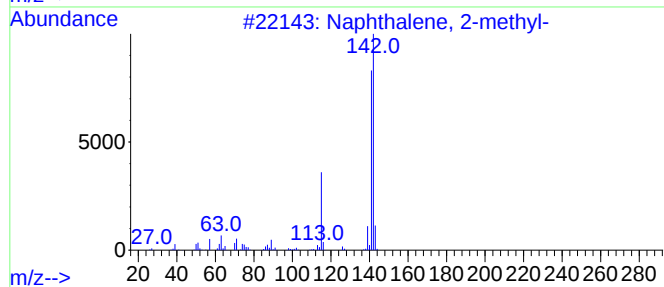
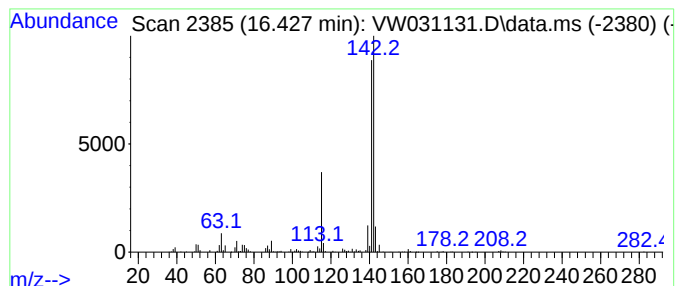
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Quant Title : SFAM01.0

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

Peak Number 61 Naphthalene, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	7.51 ug/L	179433	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

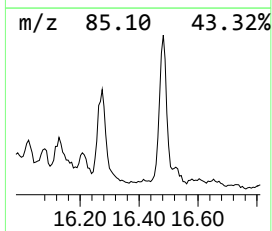
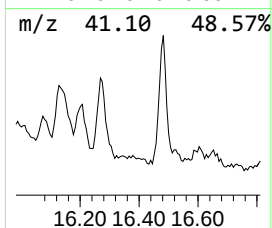
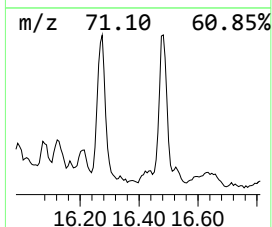
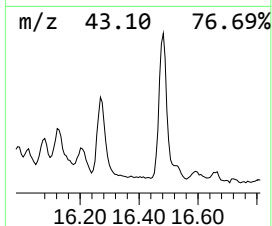
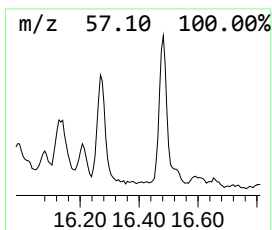
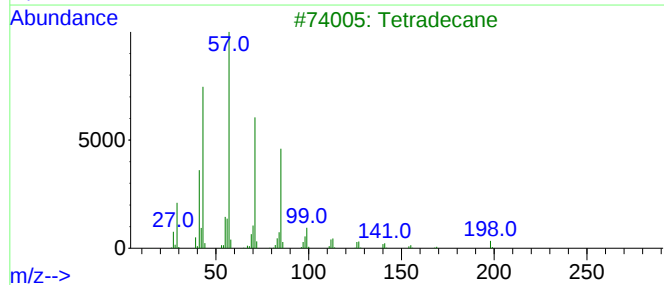
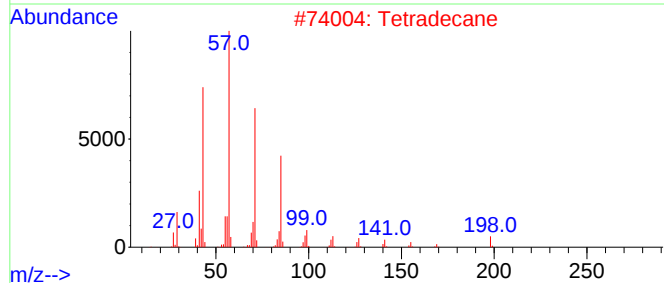
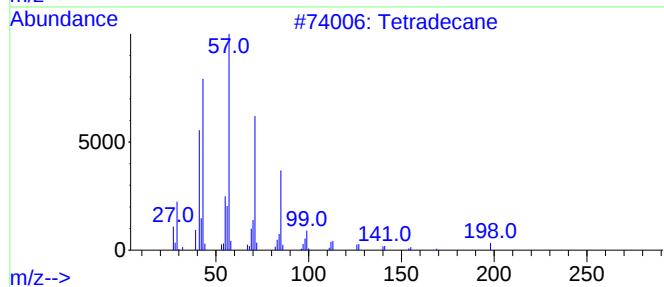
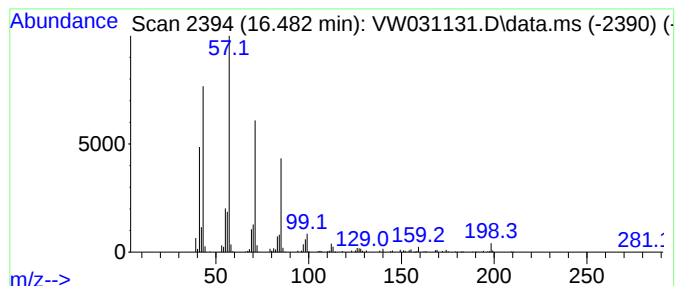
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Quant Title : SFAM01.0

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	11.84 ug/L	282905	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tetradecane	198	C14H30	000629-59-4	94
3			Tetradecane	198	C14H30	000629-59-4	94
4			Hexadecane	226	C16H34	000544-76-3	91
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

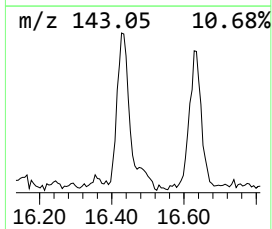
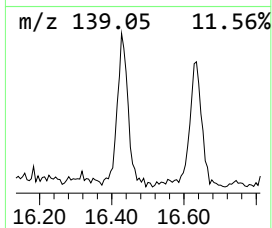
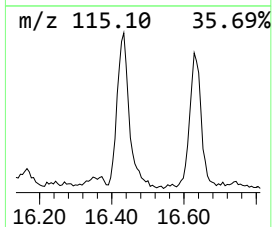
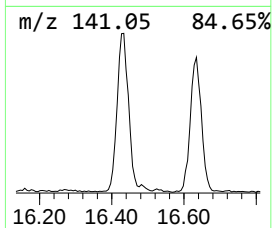
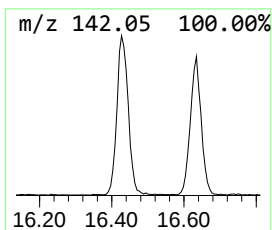
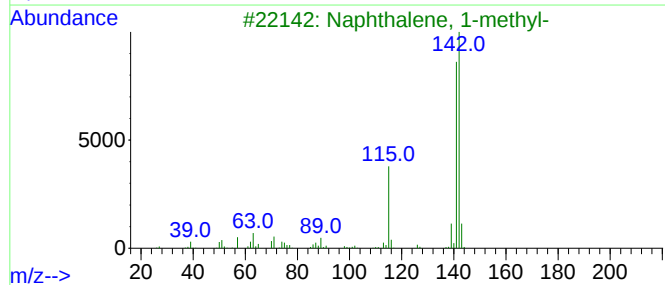
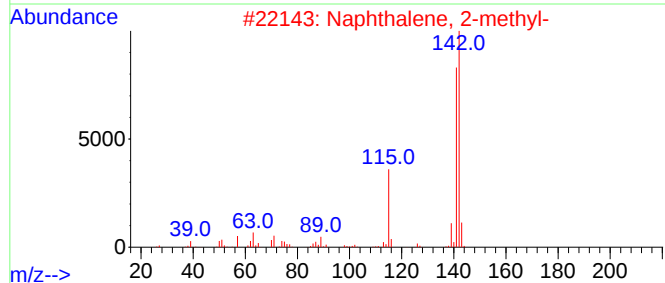
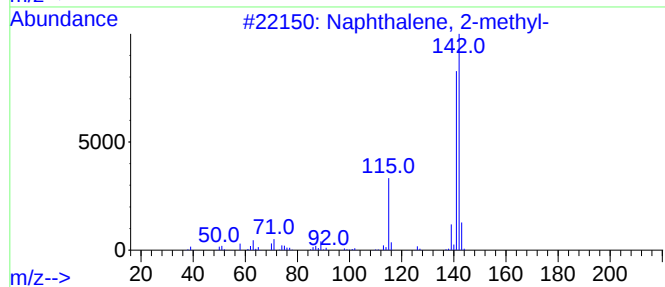
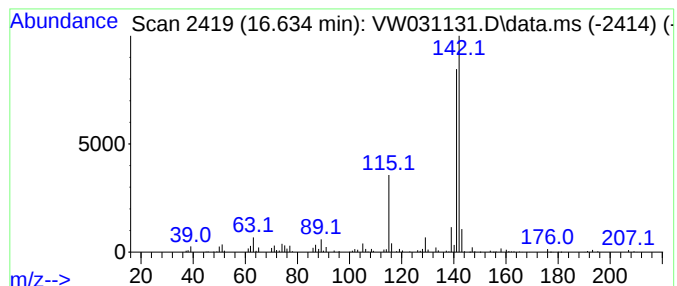
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Quant Title : SFAM01.0

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

Peak Number 63 Naphthalene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	13.51 ug/L	322622	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
Data File : VW031131.D
Acq On : 04 Dec 2024 17:45
Operator : SY/MD
Sample : P5066-01
Misc : 1.23g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28M0

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...	3.021	3.2	ug/L	97051	1	8.849	767092	25.0
(DEL) Alkane: C...	8.575	1.6	ug/L	49861	1	8.849	767092	25.0
(DEL) Alkane: S...	8.697	1.8	ug/L	54375	1	8.849	767092	25.0
Propane, 2-meth...	9.544	2.0	ug/L	59734	1	8.849	767092	25.0
(DEL) Alkane: C...	9.605	1.5	ug/L	46047	1	8.849	767092	25.0
(DEL) Alkane: C...	9.752	2.0	ug/L	62450	1	8.849	767092	25.0
(DEL) Alkane: S...	9.959	4.4	ug/L	134492	1	8.849	767092	25.0
(DEL) Alkane: C...	10.666	3.4	ug/L	71253	2	11.629	524664	25.0
(DEL) Alkane: C...	10.758	2.1	ug/L	44351	2	11.629	524664	25.0
(DEL) Alkane: C...	11.178	7.5	ug/L	158041	2	11.629	524664	25.0
(DEL) Alkane: C...	11.916	23.6	ug/L	495128	2	11.629	524664	25.0
(DEL) Alkane: S...	12.245	62.6	ug/L	1313930	2	11.629	524664	25.0
(DEL) Alkane: C...	12.300	29.2	ug/L	612430	2	11.629	524664	25.0
(DEL) Alkane: C...	12.379	167.0	ug/L	3505020	2	11.629	524664	25.0
(DEL) Alkane: S...	13.160	76.9	ug/L	1837470	3	13.556	597183	25.0
(DEL) Alkane: C...	13.690	9.8	ug/L	234506	3	13.556	597183	25.0
Benzene, 2-ethy...	13.787	7.9	ug/L	189749	3	13.556	597183	25.0
(DEL) Alkane: S...	14.025	21.0	ug/L	502164	3	13.556	597183	25.0
Benzene, 4-ethy...	14.086	9.2	ug/L	219796	3	13.556	597183	25.0
(DEL) Alkane: S...	14.123	13.5	ug/L	321675	3	13.556	597183	25.0
(DEL) Alkane: S...	14.422	18.4	ug/L	439322	3	13.556	597183	25.0
o-Cymene	14.452	12.6	ug/L	300864	3	13.556	597183	25.0
(DEL) Alkane: S...	14.714	78.4	ug/L	1873710	3	13.556	597183	25.0
Benzene, 1,2,4,...	14.787	47.4	ug/L	1132150	3	13.556	597183	25.0
(DEL) Alkane: S...	14.830	52.8	ug/L	1260390	3	13.556	597183	25.0
(DEL) Alkane: S...	15.543	51.1	ug/L	1219890	3	13.556	597183	25.0
(DEL) Alkane: S...	15.720	12.2	ug/L	290191	3	13.556	597183	25.0
(DEL) Alkane: S...	16.275	11.9	ug/L	284688	3	13.556	597183	25.0
Naphthalene, 2-...	16.427	7.5	ug/L	179433	3	13.556	597183	25.0
(DEL) Alkane: S...	16.482	11.8	ug/L	282905	3	13.556	597183	25.0
Naphthalene, 1-...	16.634	13.5	ug/L	322622	3	13.556	597183	25.0