

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031372.D
 Acq On : 19 Dec 2024 10:08
 Operator : SY/MD
 Sample : P5265-12
 Misc : 11.03g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Z7

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\SFAMWLM121324SMA.M
 Title : SFAM01.0

Signal : TIC: VW031372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.167	38	46	48	rBV3	9481	20806	0.66%	0.047%
2	2.222	48	55	58	rBV5	5955	16087	0.51%	0.036%
3	2.350	69	76	96	rBV	169279	406353	12.90%	0.911%
4	2.887	157	164	178	rBV2	123849	387051	12.29%	0.868%
5	3.990	334	345	369	rBV	252585	930655	29.55%	2.086%
6	4.362	404	406	413	rVV5	3094	5366	0.17%	0.012%
7	4.679	449	458	473	rBV	46847	158906	5.05%	0.356%
8	5.112	516	529	545	rVB2	18941	79038	2.51%	0.177%
9	6.203	701	708	711	rBV8	2249	5512	0.18%	0.012%
10	7.099	841	855	861	rBV2	37762	117288	3.72%	0.263%
11	7.179	863	868	885	rVB	23465	95186	3.02%	0.213%
12	7.642	933	944	960	rBV	412083	1015864	32.25%	2.277%
13	8.264	1034	1046	1065	rBV2	834440	2454885	77.94%	5.503%
14	8.837	1128	1140	1150	rBV	1056508	2126170	67.51%	4.766%
15	9.075	1170	1179	1187	rBV6	6907	17637	0.56%	0.040%
16	9.270	1201	1211	1228	rBV	511296	1072673	34.06%	2.405%
17	9.885	1305	1312	1318	rVB7	5244	11196	0.36%	0.025%
18	10.032	1326	1336	1347	rBV	278007	517761	16.44%	1.161%
19	10.111	1347	1349	1357	rVB7	3520	6717	0.21%	0.015%
20	10.208	1357	1365	1374	rBV4	7550	20805	0.66%	0.047%
21	10.318	1374	1383	1390	rBV	962887	1691838	53.72%	3.793%
22	10.379	1390	1393	1400	rVB	21121	35275	1.12%	0.079%
23	10.519	1407	1416	1419	rBV9	5059	14062	0.45%	0.032%
24	10.574	1419	1425	1435	rVB	163249	287120	9.12%	0.644%
25	10.696	1439	1445	1453	rVB2	34506	64368	2.04%	0.144%
26	10.855	1464	1471	1476	rBV5	8547	19629	0.62%	0.044%
27	10.922	1476	1482	1496	rBV	164527	294265	9.34%	0.660%
28	11.062	1499	1505	1516	rVB	23453	45165	1.43%	0.101%
29	11.172	1518	1523	1528	rBV7	3951	6449	0.20%	0.014%
30	11.220	1528	1531	1537	rVB8	2474	4917	0.16%	0.011%
31	11.428	1555	1565	1572	rVB4	17221	40405	1.28%	0.091%
32	11.507	1574	1578	1584	rBV3	4837	9100	0.29%	0.020%
33	11.629	1588	1598	1609	rBV	1045198	1815448	57.64%	4.070%
34	11.726	1609	1614	1622	rVB	29535	52142	1.66%	0.117%
35	11.836	1622	1632	1641	rBV2	153090	311608	9.89%	0.699%
36	11.909	1641	1644	1649	rVB3	9173	15573	0.49%	0.035%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Title : SFAM01.0

37	11.970	1649	1654	1659	rBV8	4172	9098	0.29%	0.020%
38	12.056	1662	1668	1673	rBV6	7177	13454	0.43%	0.030%
39	12.159	1673	1685	1692	rBV2	74290	189753	6.02%	0.425%
40	12.245	1693	1699	1704	rVB	54653	87109	2.77%	0.195%
41	12.361	1704	1718	1728	rBV7	67805	256988	8.16%	0.576%
42	12.464	1728	1735	1743	rBV	1880067	3149537	100.00%	7.060%
43	12.531	1743	1746	1749	rBV	37480	48414	1.54%	0.109%
44	12.562	1749	1751	1754	rVB	58554	61377	1.95%	0.138%
45	12.604	1754	1758	1761	rBV3	34232	48062	1.53%	0.108%
46	12.641	1761	1764	1767	rBV	49138	59721	1.90%	0.134%
47	12.690	1767	1772	1781	rVB2	261304	554248	17.60%	1.242%
48	12.775	1781	1786	1788	rBV2	48405	80223	2.55%	0.180%
49	12.860	1794	1800	1803	rBV	173321	300492	9.54%	0.674%
50	12.921	1803	1810	1817	rVB2	923670	1616587	51.33%	3.624%
51	13.019	1817	1826	1832	rVB	536763	916723	29.11%	2.055%
52	13.098	1832	1839	1845	rBV3	106131	296764	9.42%	0.665%
53	13.159	1845	1849	1855	rVB	266875	393423	12.49%	0.882%
54	13.245	1856	1863	1867	rBV	517229	794211	25.22%	1.780%
55	13.287	1867	1870	1874	rVB	52916	66909	2.12%	0.150%
56	13.336	1874	1878	1881	rBV2	77806	124725	3.96%	0.280%
57	13.373	1881	1884	1888	rVB3	88831	125993	4.00%	0.282%
58	13.440	1888	1895	1898	rBV3	279906	606869	19.27%	1.360%
59	13.549	1909	1913	1917	rBV2	610823	1025737	32.57%	2.299%
60	13.616	1922	1924	1932	rVB2	149453	190612	6.05%	0.427%
61	13.714	1932	1940	1941	rBV3	108178	203771	6.47%	0.457%
62	13.744	1941	1945	1948	rVV	167621	217264	6.90%	0.487%
63	13.787	1948	1952	1958	rVV4	195035	381683	12.12%	0.856%
64	13.866	1958	1965	1970	rVV2	1564730	2592472	82.31%	5.812%
65	13.909	1970	1972	1974	rVV2	51486	61957	1.97%	0.139%
66	13.940	1974	1977	1981	rVV	119060	182392	5.79%	0.409%
67	14.007	1984	1988	1989	rVV	173580	253180	8.04%	0.568%
68	14.031	1989	1992	1997	rVV3	235316	413015	13.11%	0.926%
69	14.086	1997	2001	2005	rVV	224778	363278	11.53%	0.814%
70	14.122	2005	2007	2013	rVB2	77742	106975	3.40%	0.240%
71	14.196	2013	2019	2024	rBV2	247139	413314	13.12%	0.927%
72	14.257	2024	2029	2031	rBV3	60272	117203	3.72%	0.263%
73	14.336	2035	2042	2045	rBV3	167525	332214	10.55%	0.745%
74	14.378	2045	2049	2052	rVV3	245801	418120	13.28%	0.937%
75	14.415	2052	2055	2058	rVV2	211408	337423	10.71%	0.756%
76	14.452	2058	2061	2064	rVV	185109	254927	8.09%	0.571%

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77	14.488	2064	2067	2071	rVV2	216368	331849	10.54%	0.744%
78	14.537	2072	2075	2081	rVB3	100589	178339	5.66%	0.400%
79	14.635	2087	2091	2094	rVB	55898	77598	2.46%	0.174%
80	14.677	2095	2098	2099	rVV2	41893	48844	1.55%	0.109%
81	14.714	2099	2104	2110	rVV2	803863	1138229	36.14%	2.552%
82	14.781	2110	2115	2120	rVV2	354988	726154	23.06%	1.628%
83	14.830	2120	2123	2132	rVV2	235435	497865	15.81%	1.116%
84	14.921	2134	2138	2140	rVV2	108476	175566	5.57%	0.394%
85	14.958	2140	2144	2149	rVB2	184625	344807	10.95%	0.773%
86	15.055	2156	2160	2163	rBV4	75366	125241	3.98%	0.281%
87	15.238	2186	2190	2197	rVB5	184301	373498	11.86%	0.837%
88	15.317	2197	2203	2212	rVB2	439174	854256	27.12%	1.915%
89	15.543	2235	2240	2249	rVB	1280800	2067181	65.63%	4.634%
90	15.653	2249	2258	2263	rBV6	143683	472664	15.01%	1.060%
91	15.720	2265	2269	2275	rVB	155006	271074	8.61%	0.608%
92	15.854	2287	2291	2296	rVB3	96926	147903	4.70%	0.332%
93	15.994	2310	2314	2316	rBV2	74162	124917	3.97%	0.280%
94	16.079	2324	2328	2331	rBV3	85160	127288	4.04%	0.285%
95	16.128	2332	2336	2339	rBV	166858	300871	9.55%	0.674%
96	16.207	2345	2349	2354	rVB2	192609	334760	10.63%	0.750%
97	16.268	2354	2359	2367	rVB	563988	1061542	33.70%	2.380%
98	16.360	2369	2374	2380	rBV3	120449	276774	8.79%	0.620%
99	16.427	2381	2385	2388	rBV3	118357	197616	6.27%	0.443%
100	16.482	2388	2394	2400	rVB	1441375	2514295	79.83%	5.636%

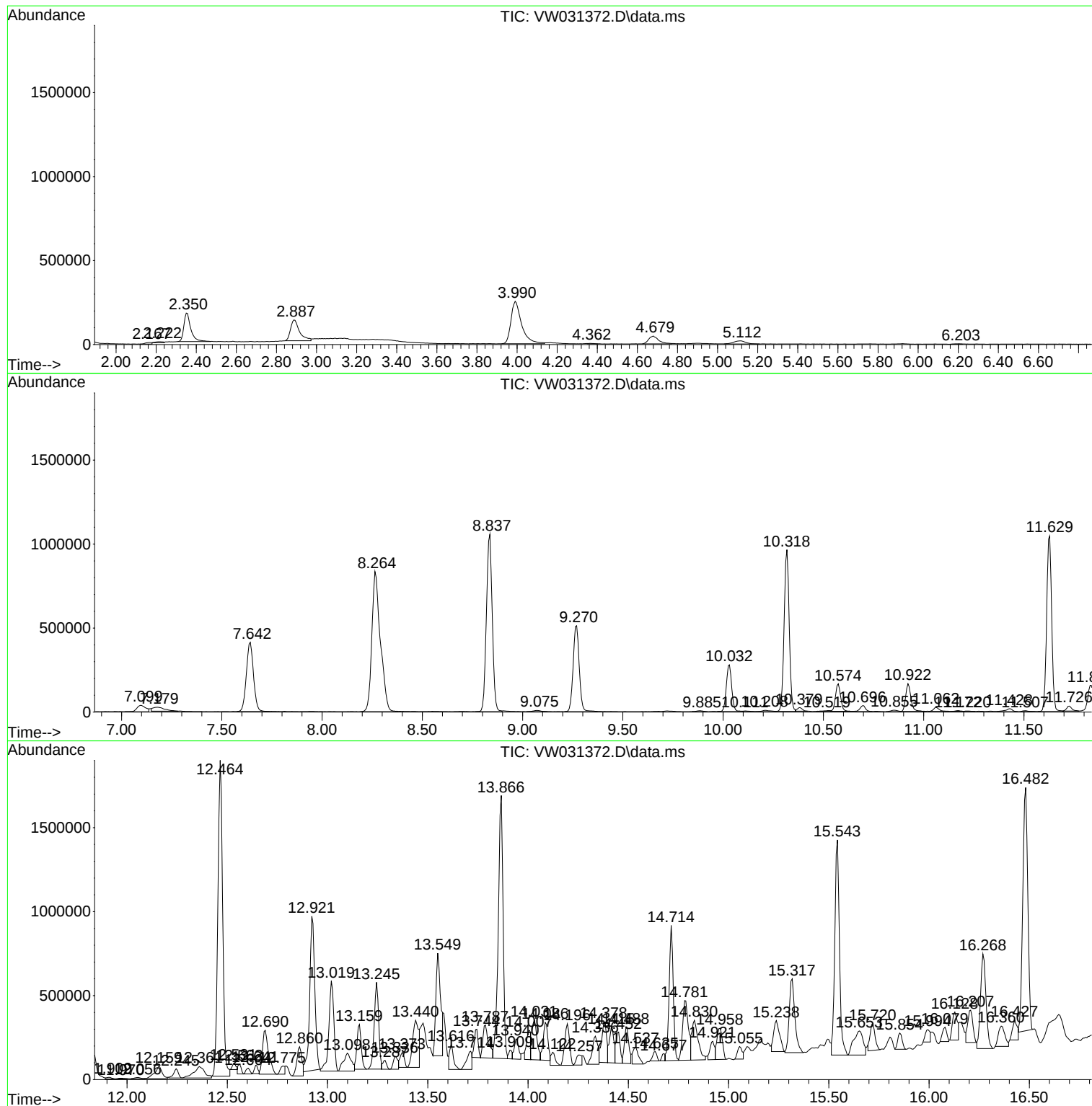
Sum of corrected areas: 44608668

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.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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ClientSampleId :
E28Z7

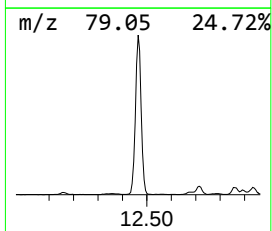
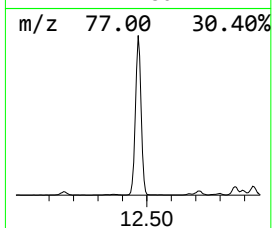
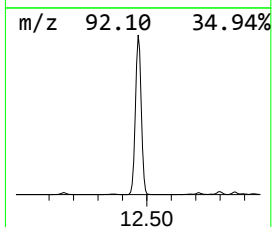
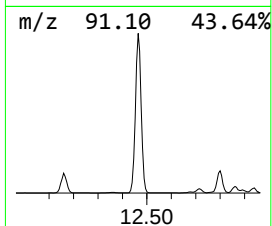
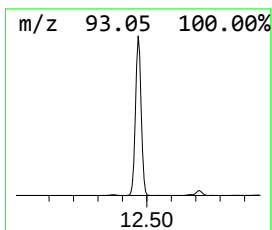
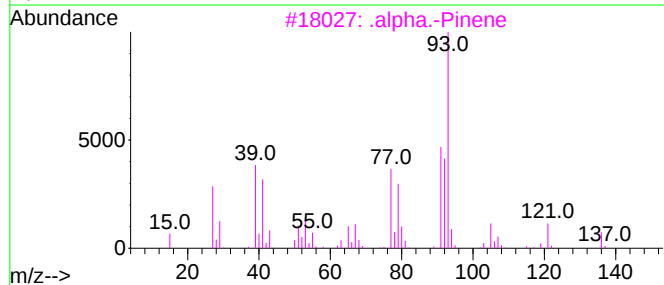
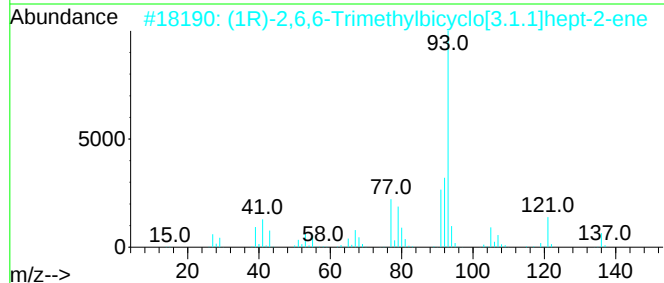
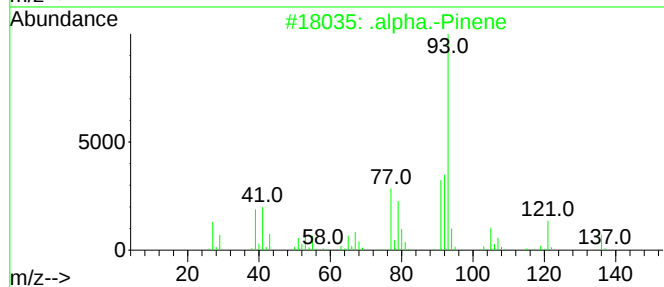
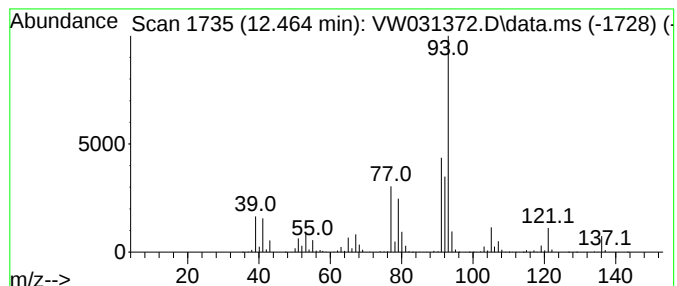
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	43.37 ug/L	3149540	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	95
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	91
5	3-Carene			136	C10H16	013466-78-9	91



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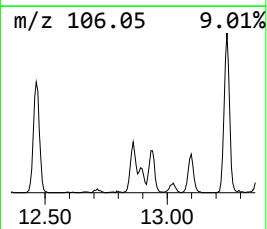
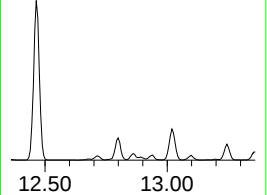
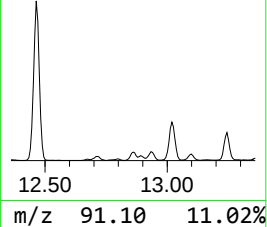
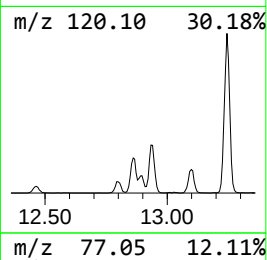
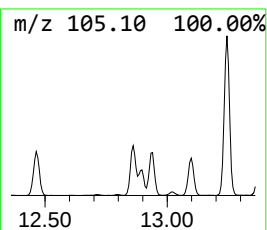
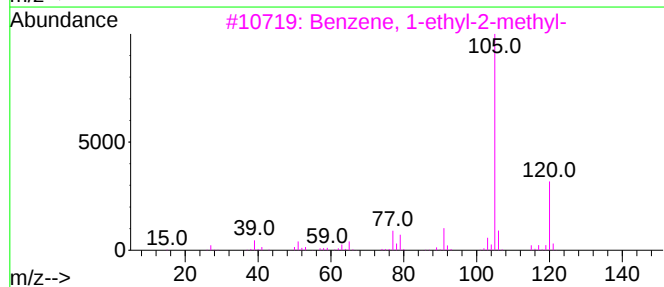
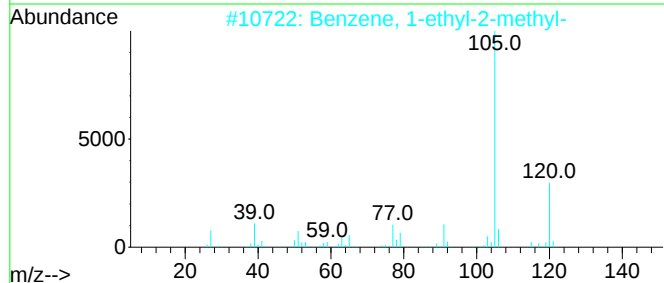
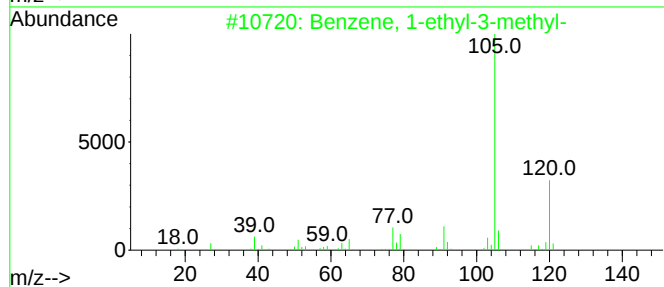
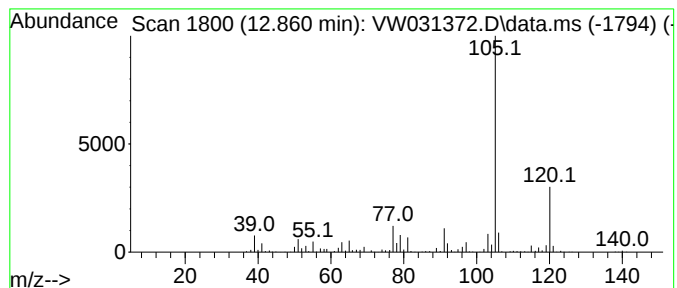
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.860	7.32 ug/L	300492	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93



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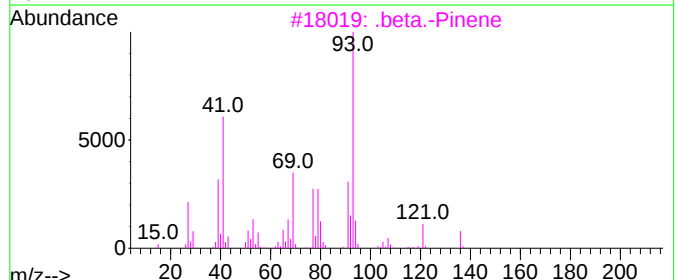
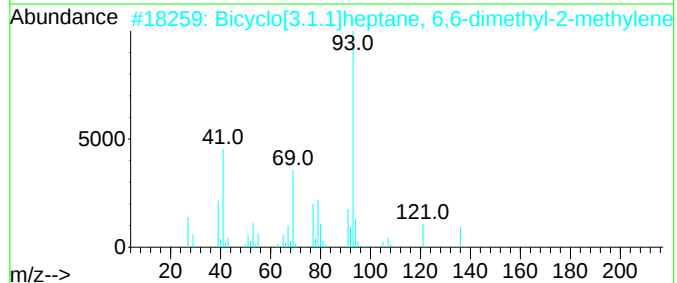
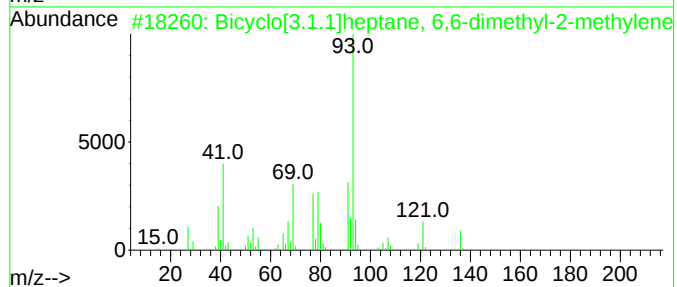
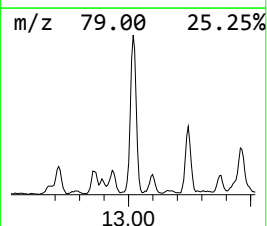
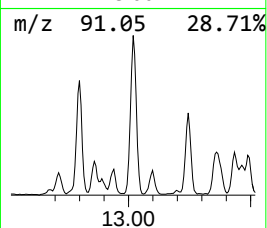
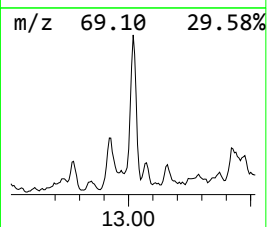
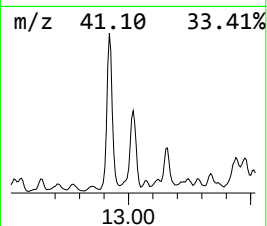
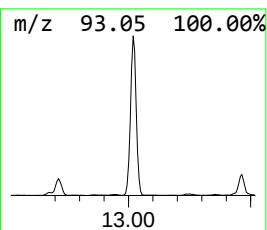
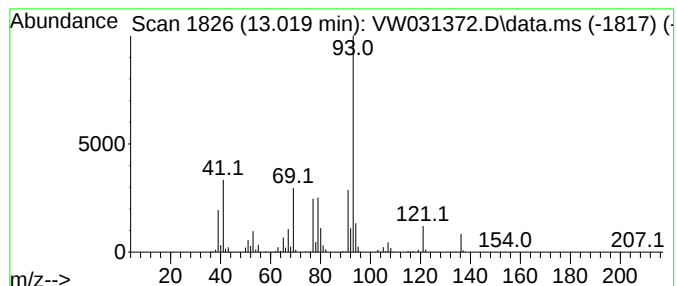
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Quant Title : SFAM01.0

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

Peak Number 6 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	22.34 ug/L	916723	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
3			.beta.-Pinene	136	C10H16	000127-91-3	96
4			.beta.-Pinene	136	C10H16	000127-91-3	94
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

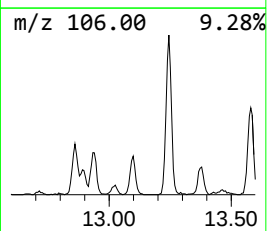
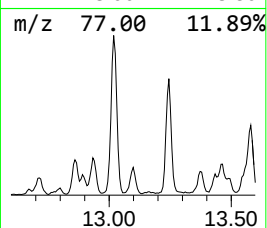
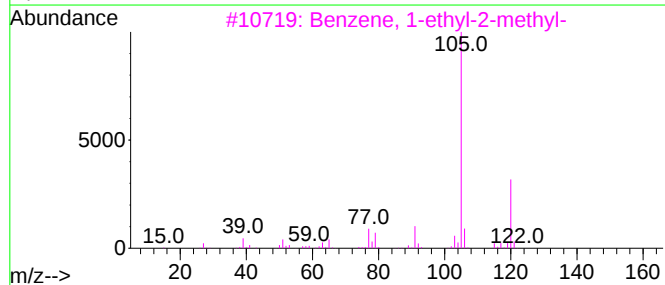
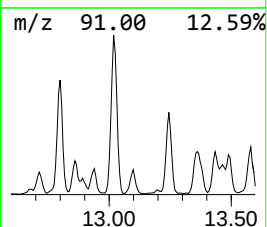
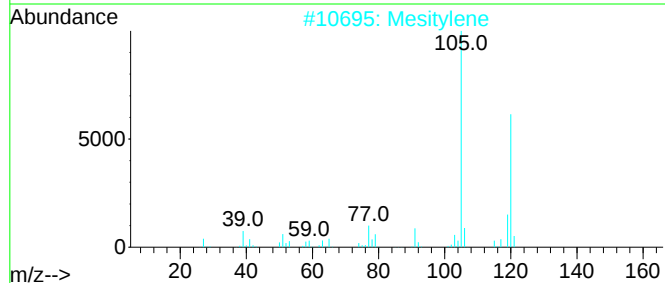
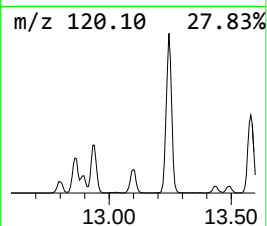
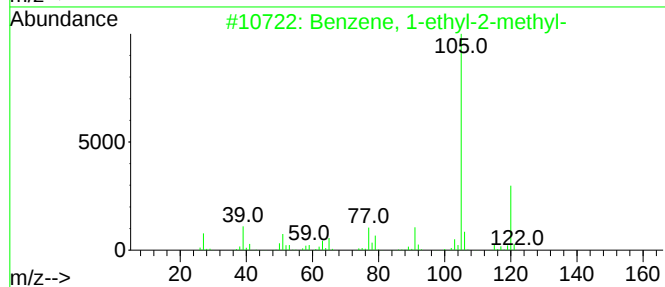
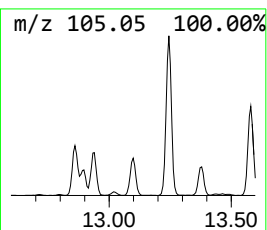
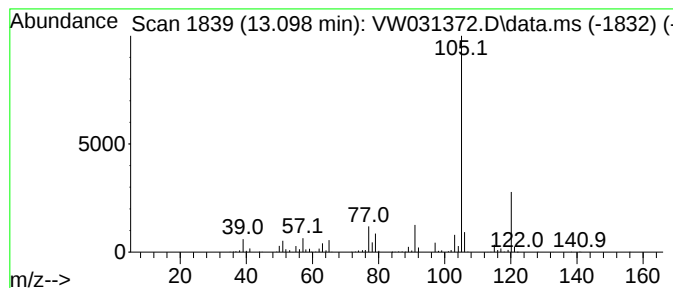
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	7.23 ug/L	296764	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Mesitylene	120	C9H12	000108-67-8	90
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

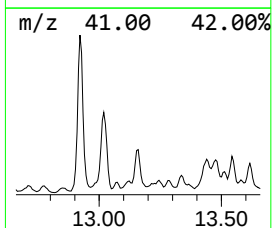
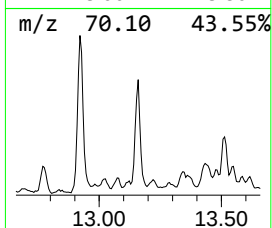
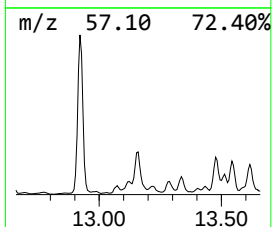
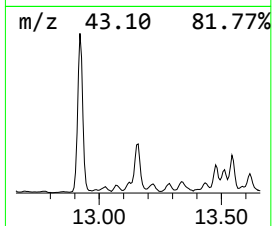
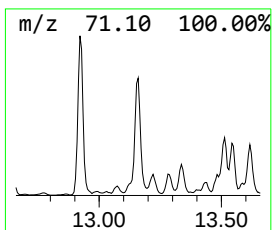
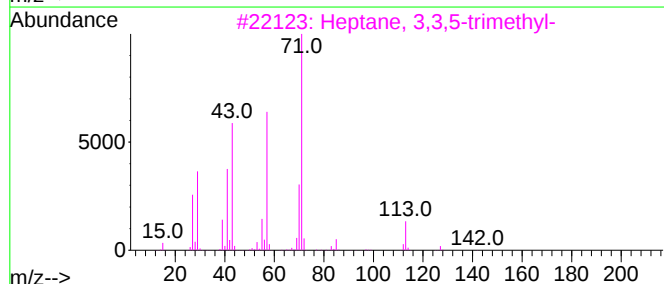
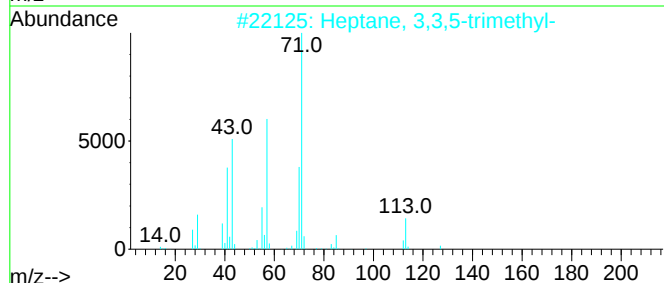
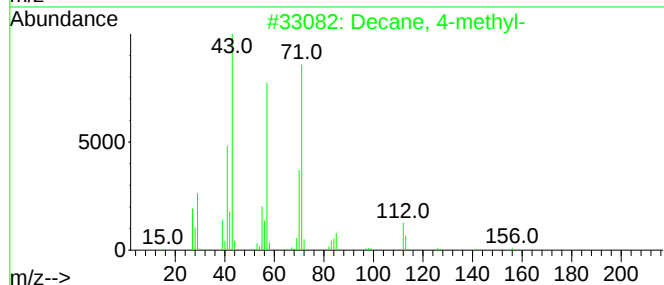
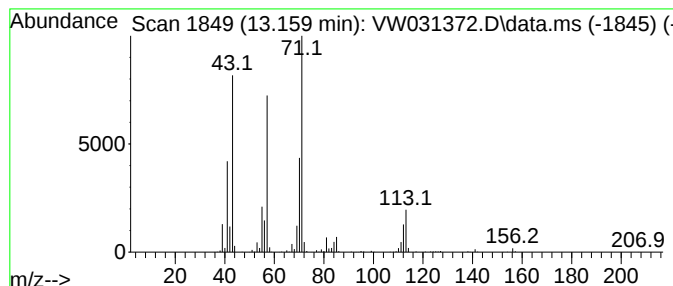
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	9.59 ug/L	393423	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4			Decane, 4-methyl-	156	C11H24	002847-72-5	68
5			Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

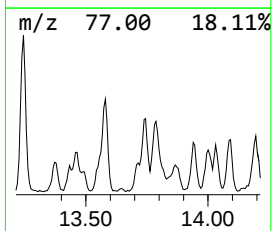
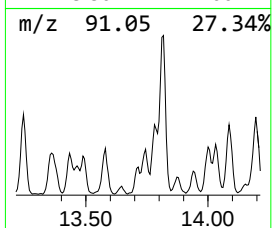
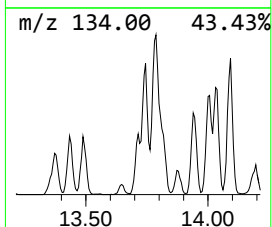
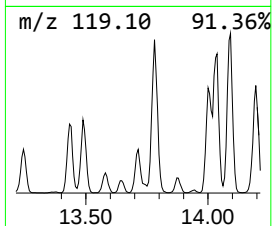
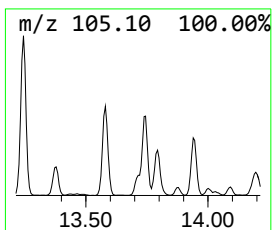
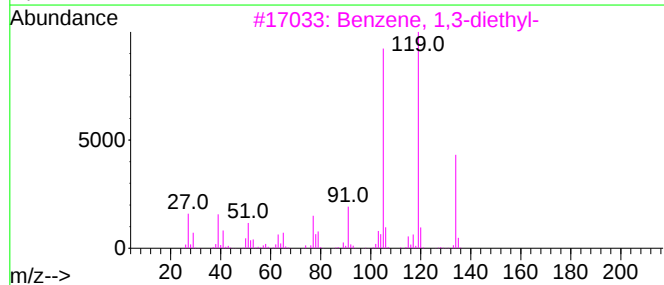
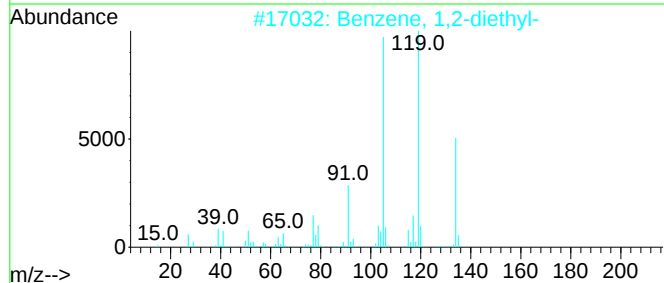
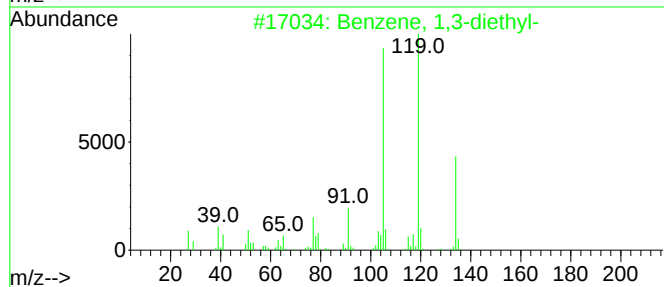
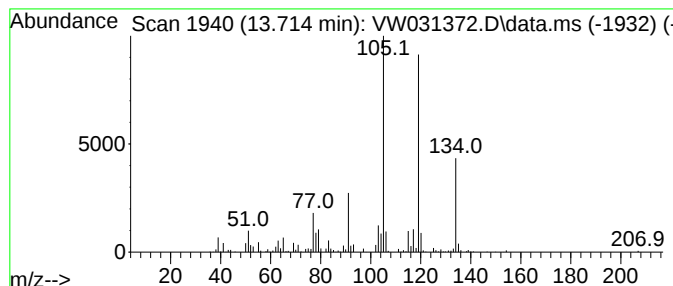
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	4.97 ug/L	203771	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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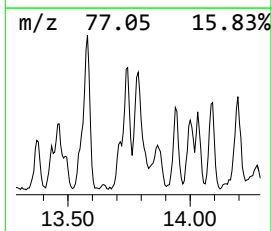
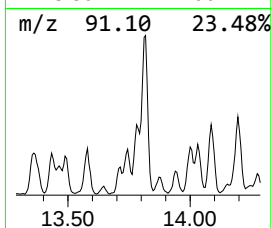
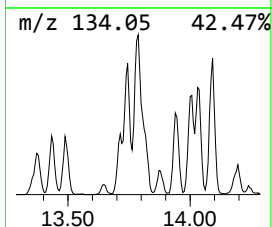
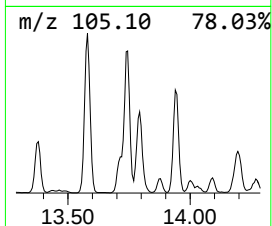
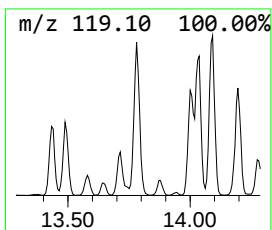
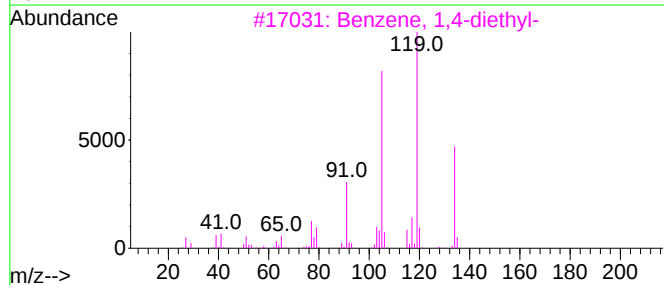
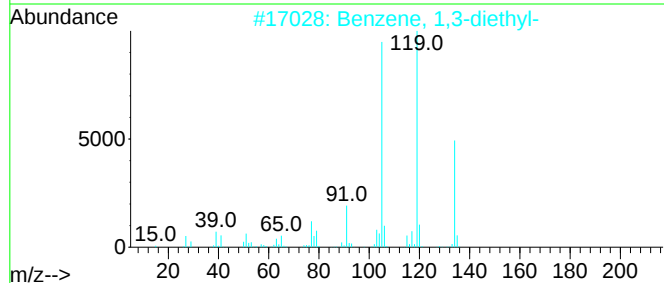
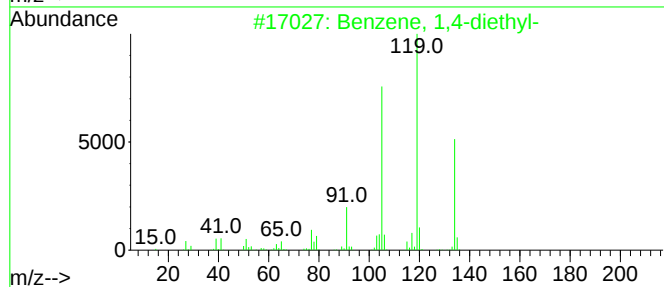
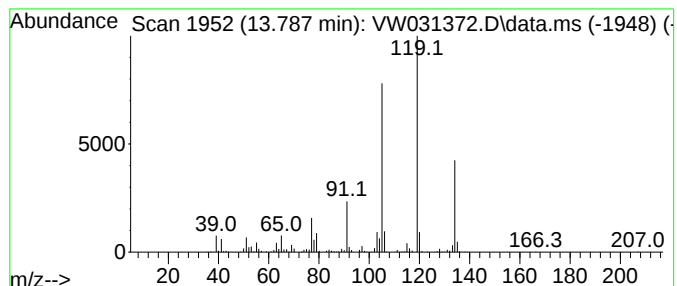
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	9.30 ug/L	381683	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

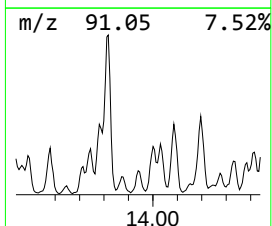
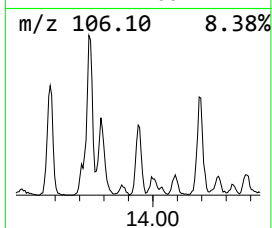
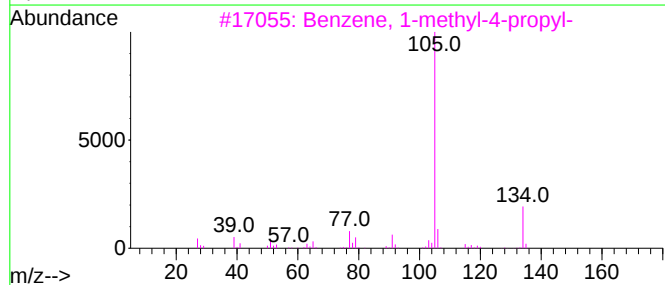
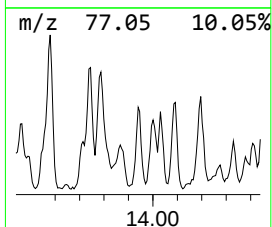
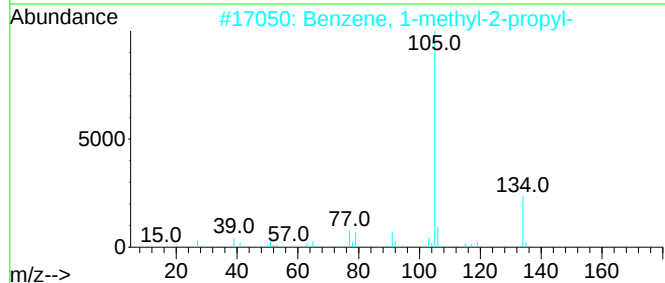
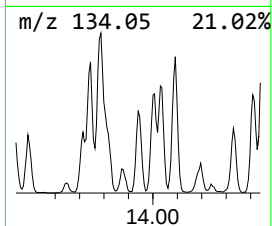
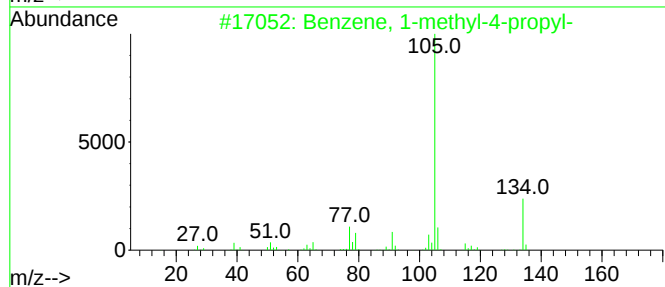
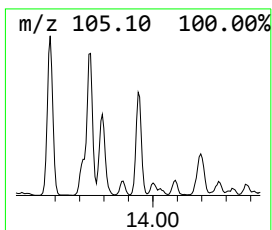
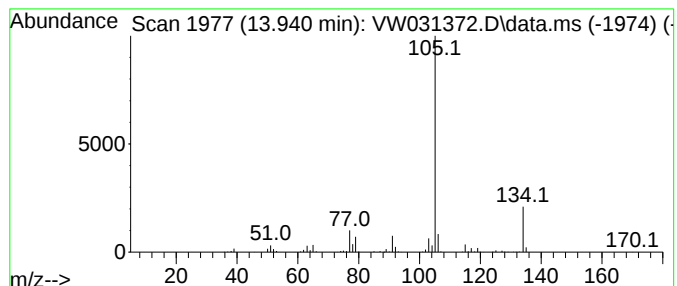
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	4.45 ug/L	182392	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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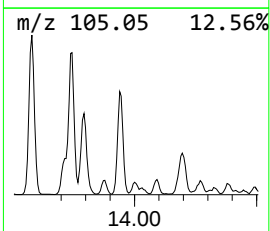
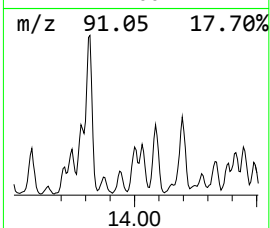
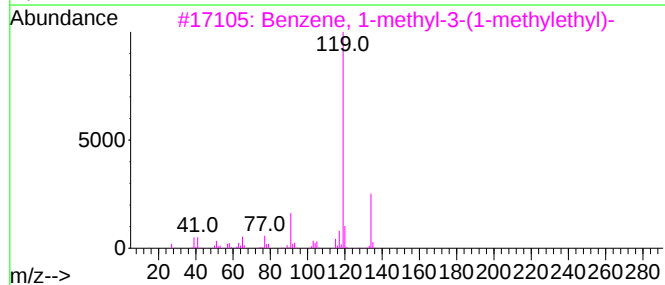
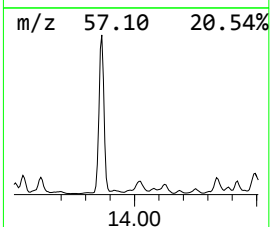
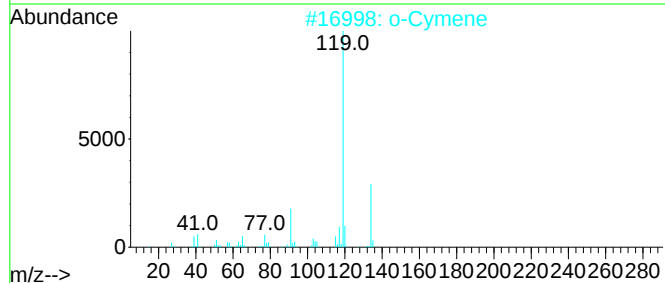
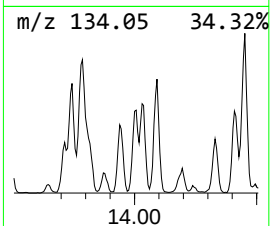
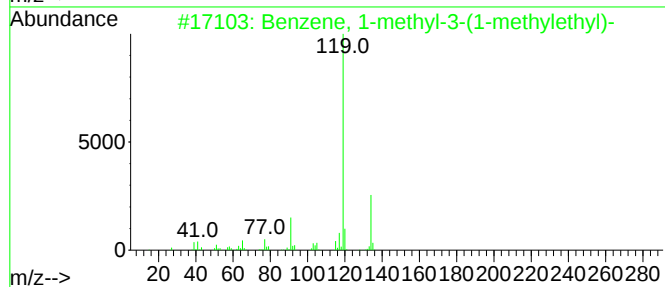
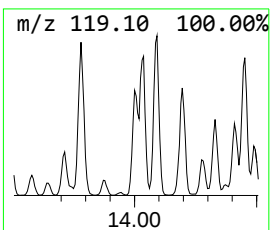
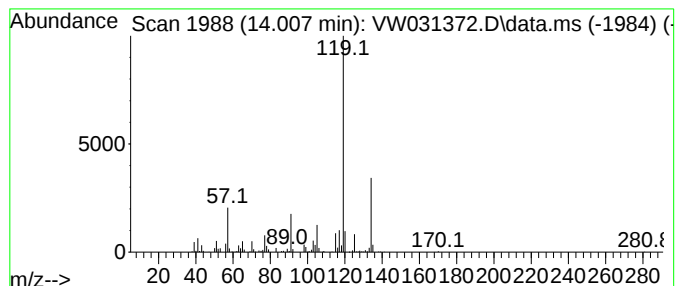
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	6.17 ug/L	253180	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

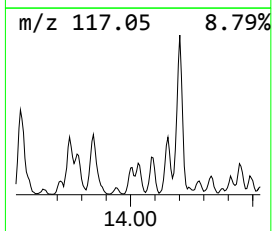
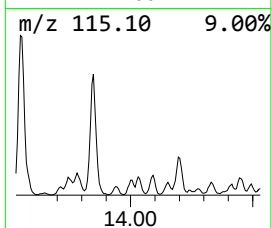
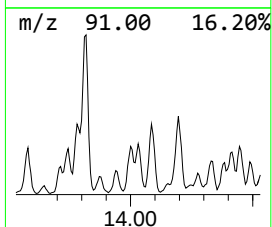
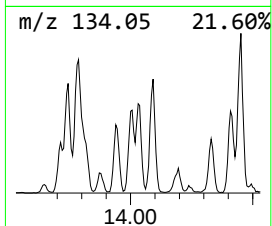
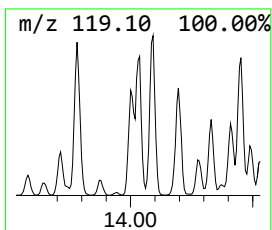
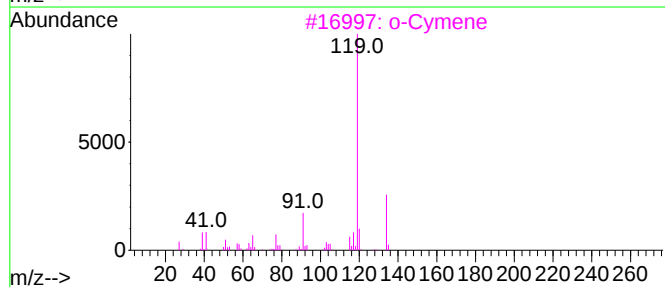
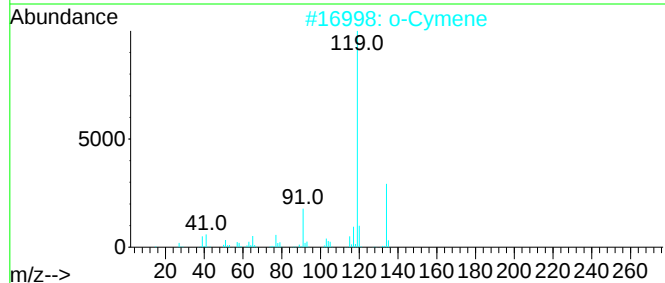
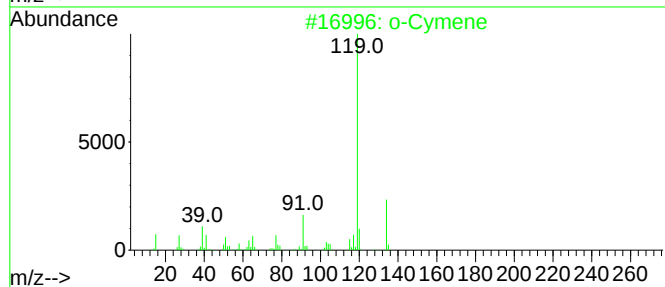
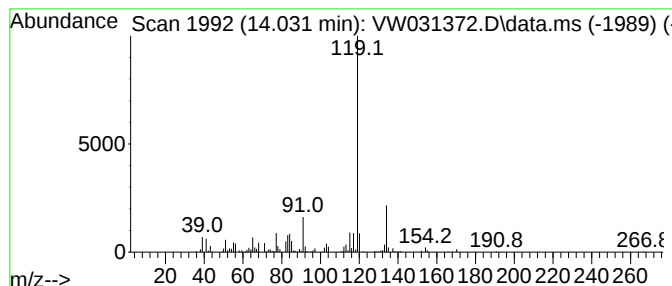
Instrument :
MSVOA_W
ClientSampleId :
E28Z7

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Quant Title : SFAM01.0

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

Peak Number 19 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.031	10.07 ug/L	413015	1,4-Dichlorobenzene-d4		13.549	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	94
2	o-Cymene		134	C10H14	000527-84-4	93
3	o-Cymene		134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	90
5	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

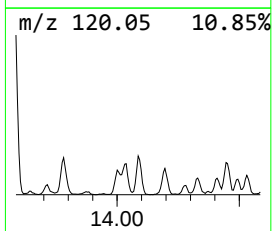
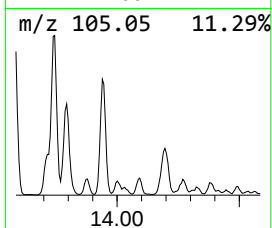
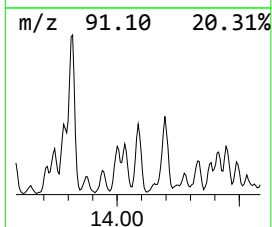
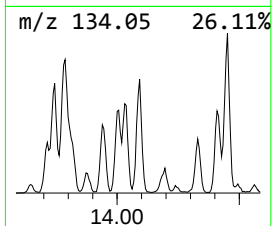
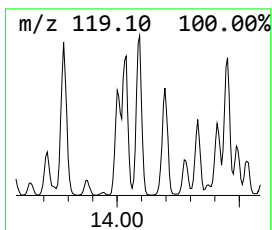
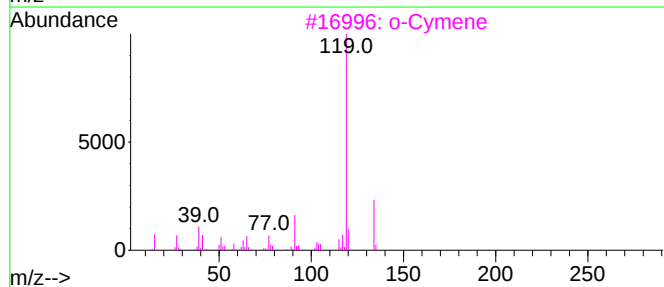
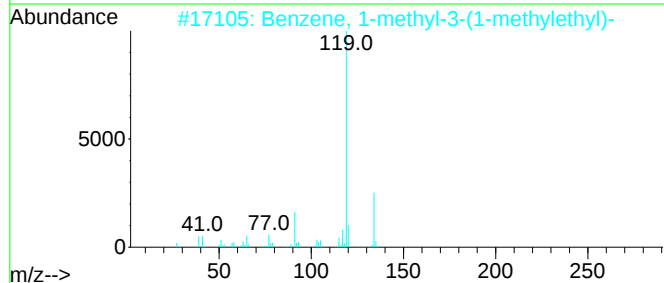
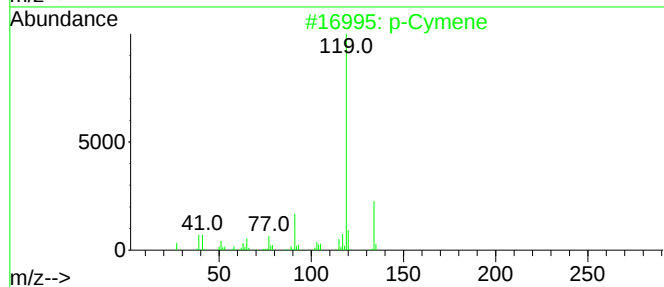
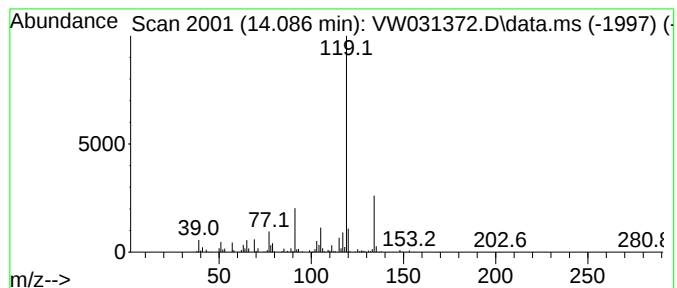
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Quant Title : SFAM01.0

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

Peak Number 20 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	8.85 ug/L	363278	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

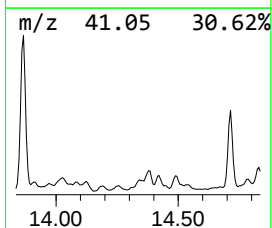
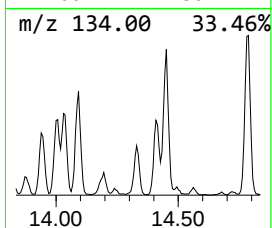
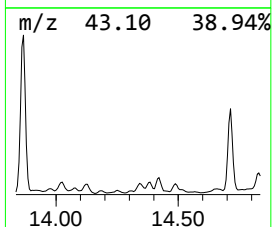
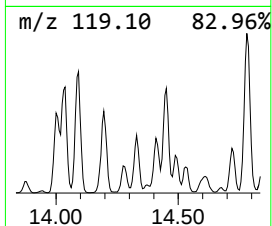
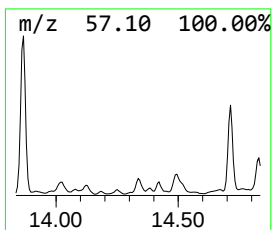
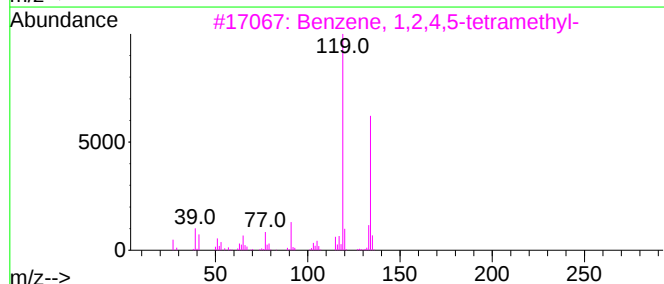
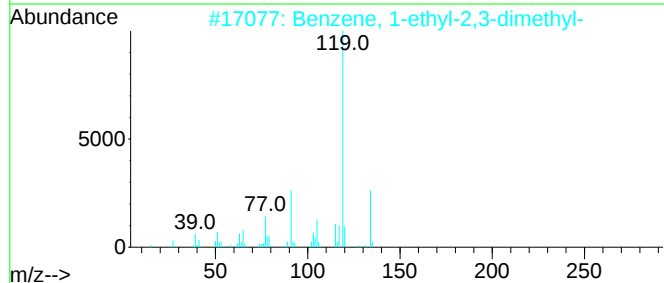
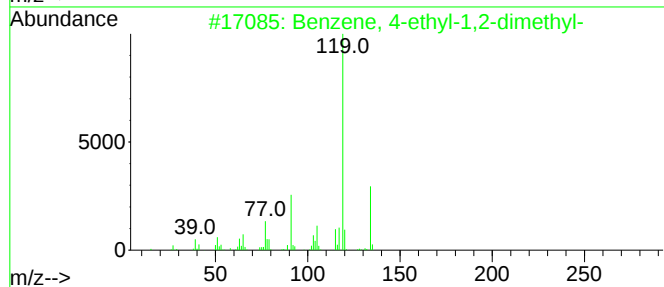
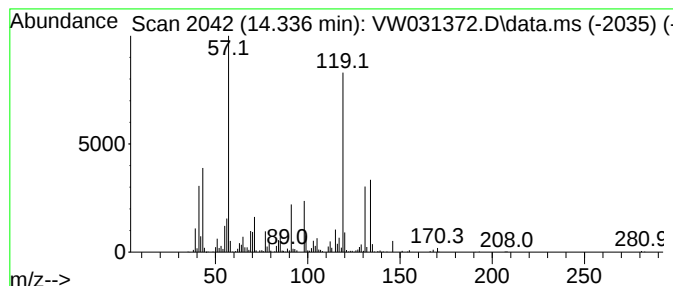
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Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	8.10 ug/L	332214	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z7

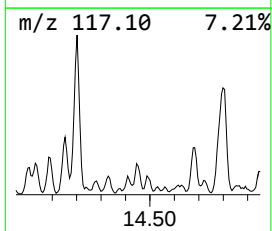
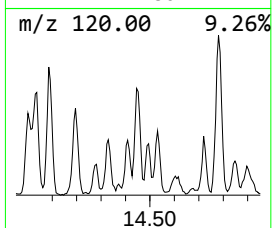
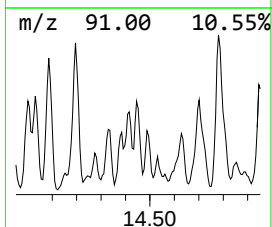
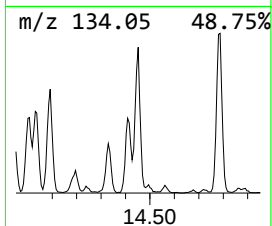
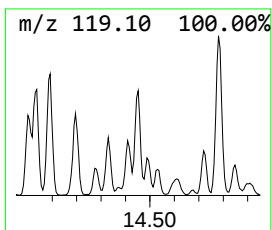
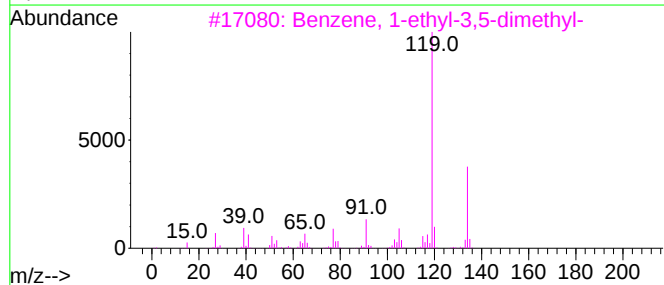
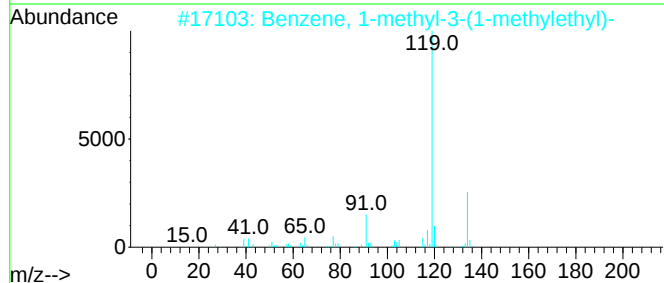
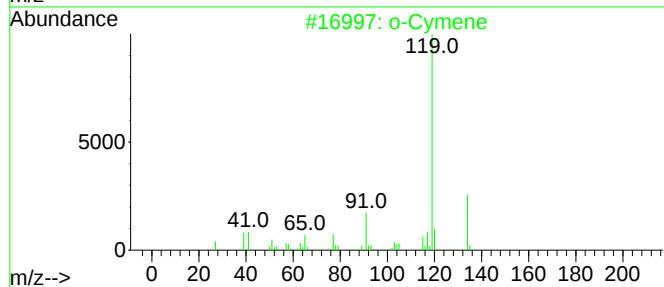
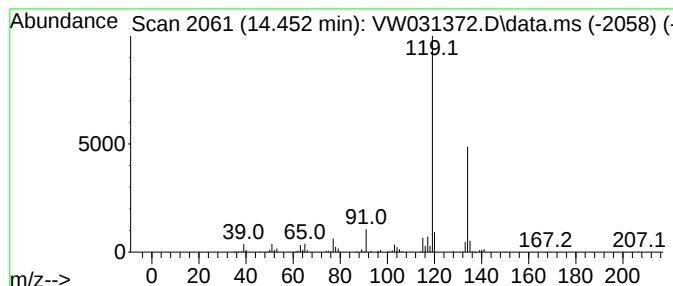
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	6.21 ug/L	254927	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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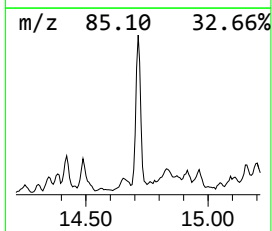
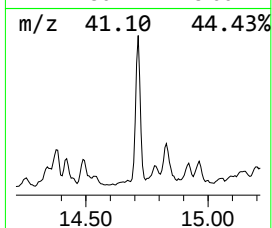
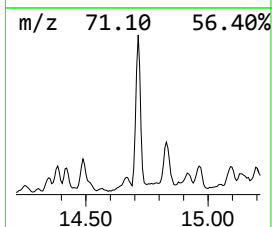
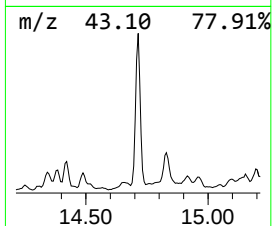
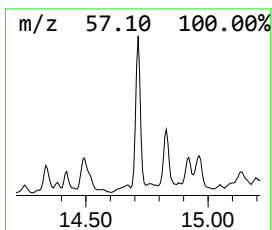
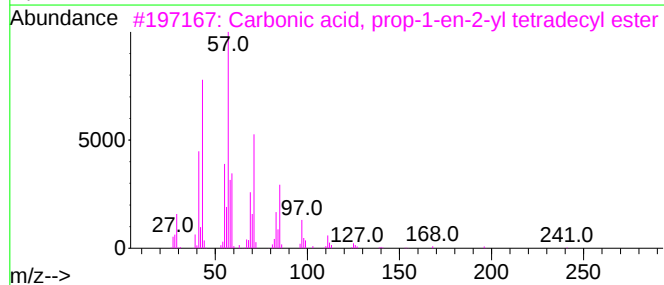
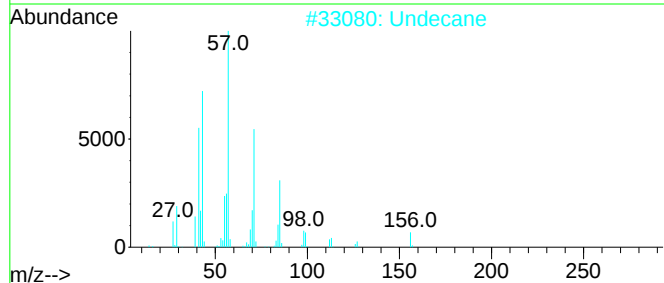
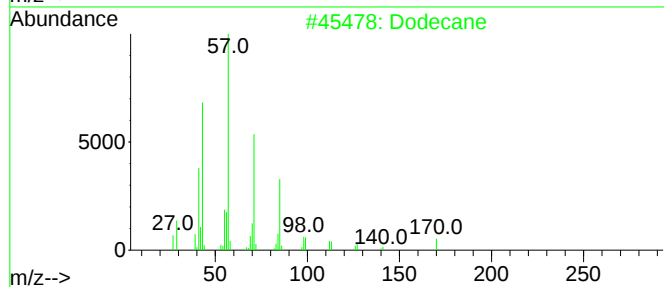
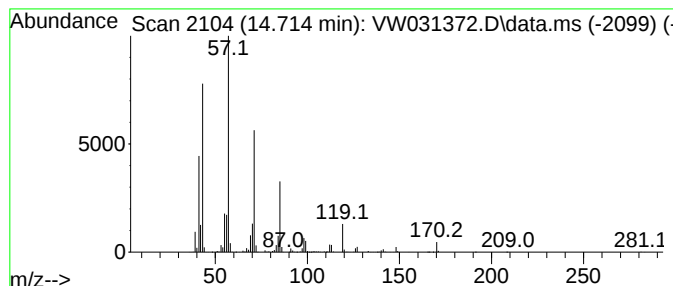
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	27.74 ug/L	1138230	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	96
2			Undecane	156	C11H24	001120-21-4	80
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	80
4			Tridecane	184	C13H28	000629-50-5	80
5			Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z7

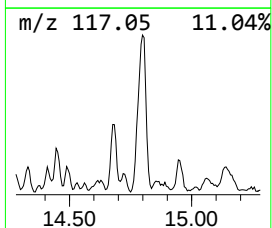
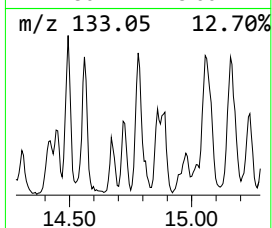
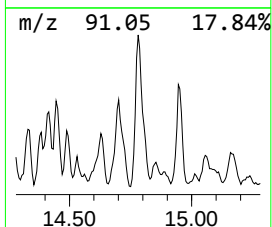
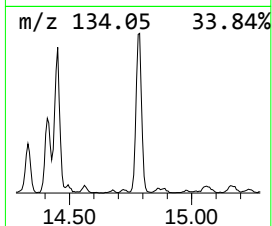
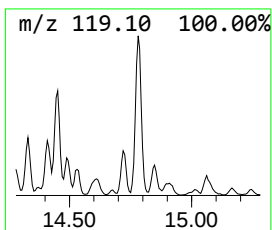
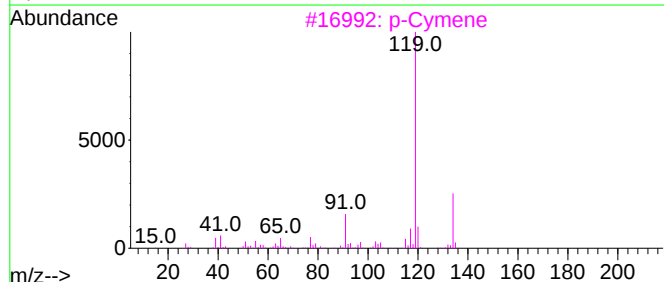
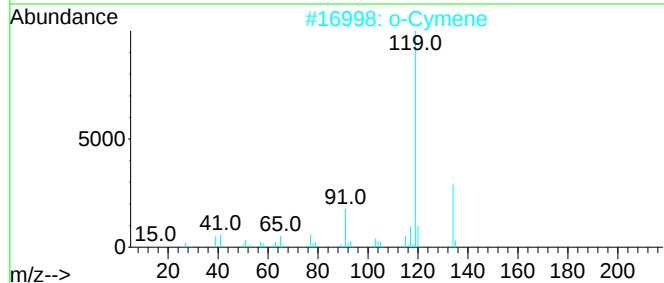
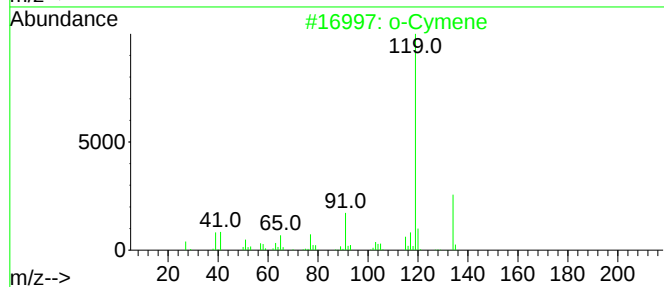
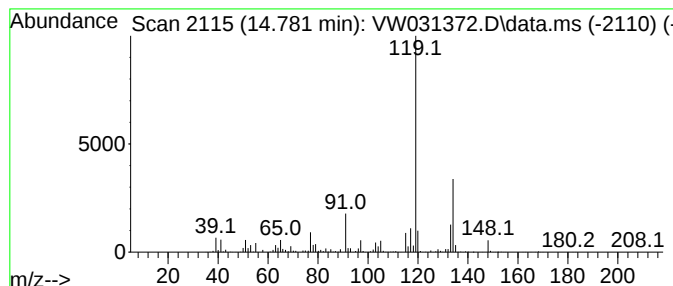
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	17.70 ug/L	726154	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			o-Cymene	134	C10H14	000527-84-4	93
3			p-Cymene	134	C10H14	000099-87-6	93
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

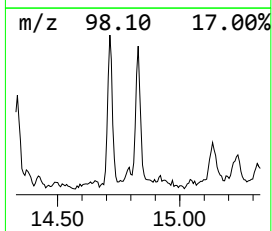
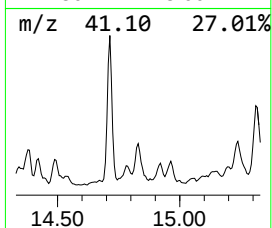
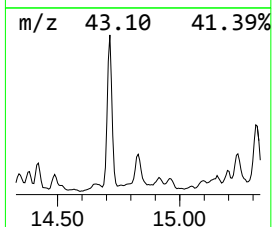
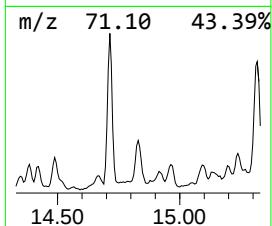
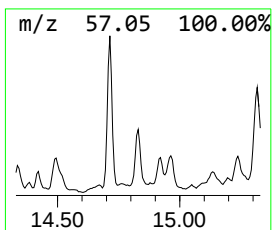
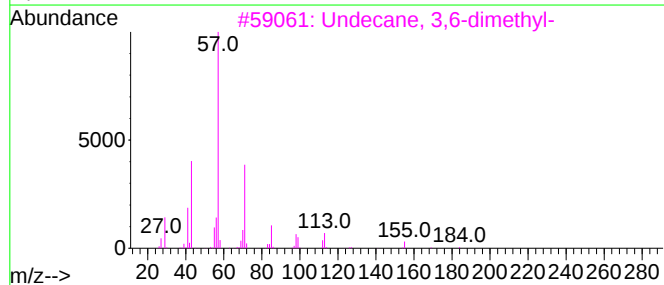
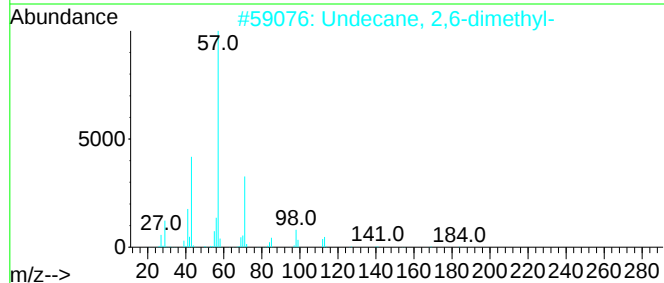
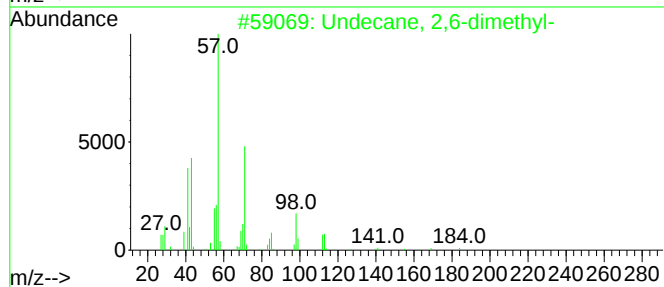
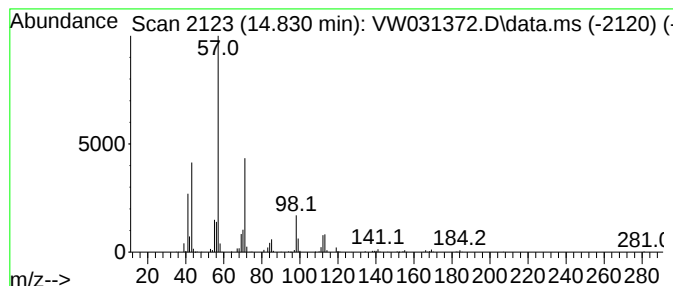
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.830	12.13 ug/L	497865	1,4-Dichlorobenzene-d4		13.549	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	96
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	90
3	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	83
4	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
5	Dodecane, 6-methyl-		184	C13H28	006044-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z7

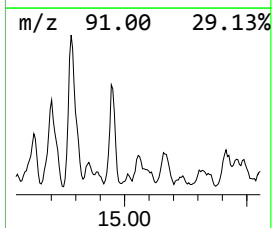
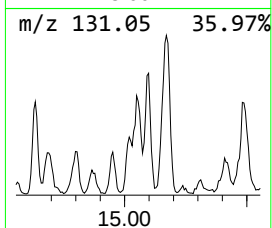
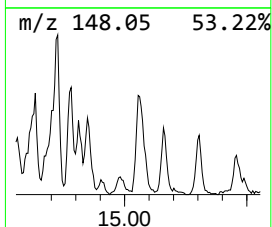
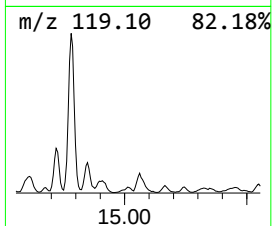
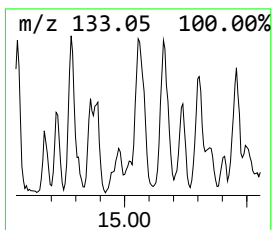
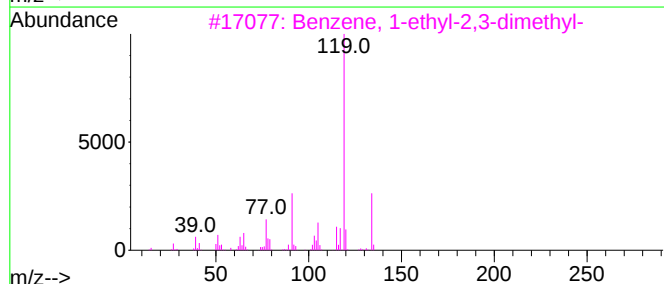
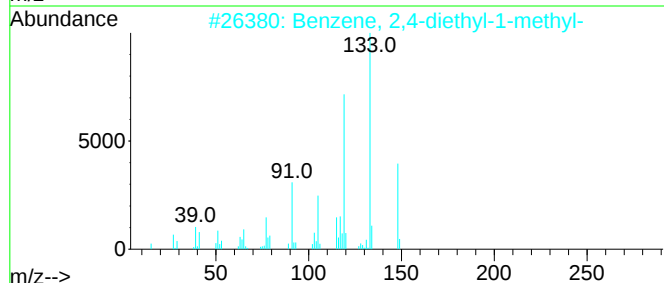
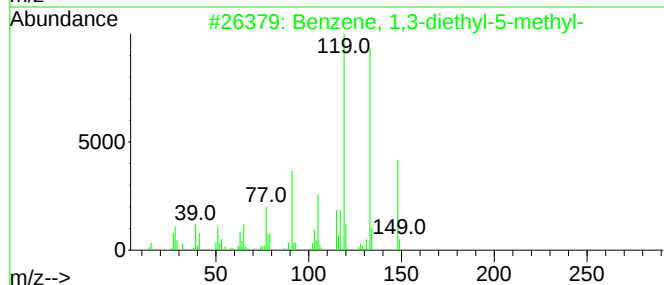
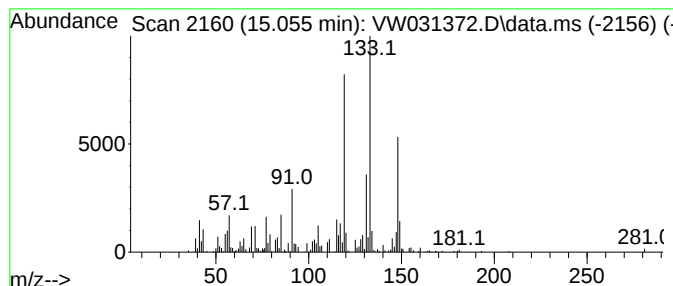
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Quant Title : SFAM01.0

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

Peak Number 36 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	3.05 ug/L	125241	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	83
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z7

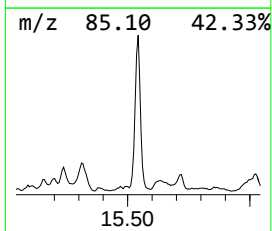
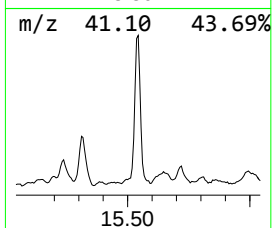
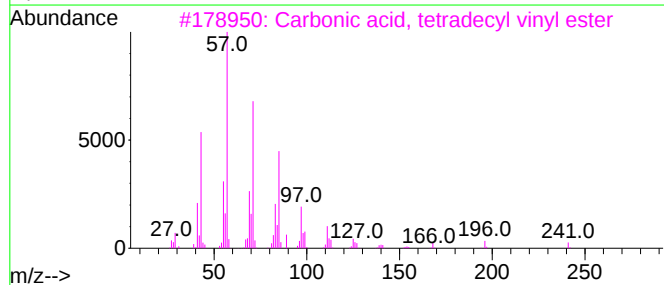
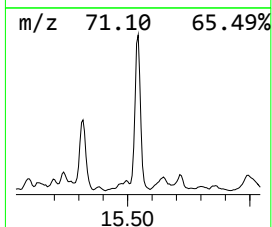
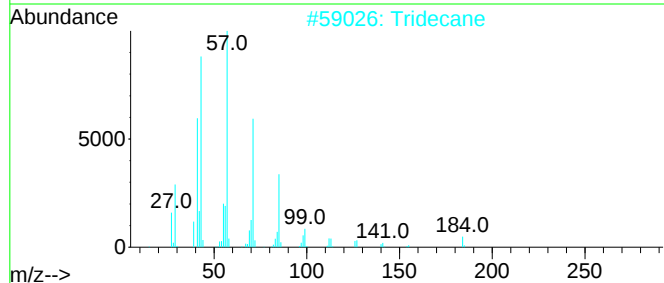
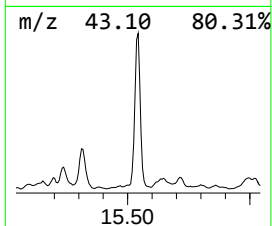
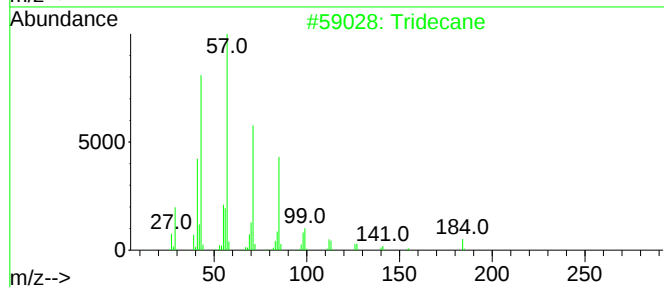
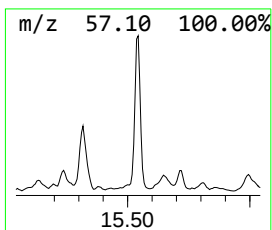
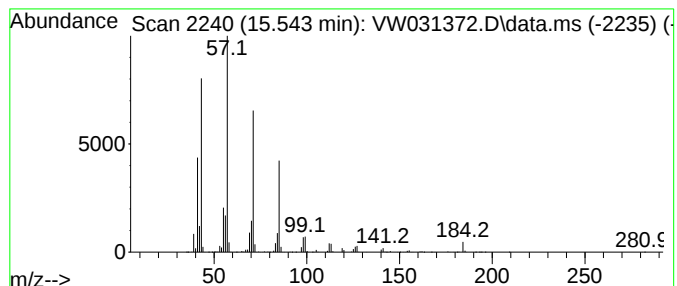
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	50.38 ug/L	2067180	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	93
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
4			Tridecane	184	C13H28	000629-50-5	87
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

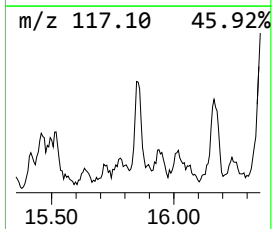
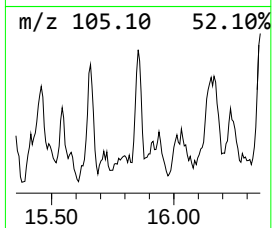
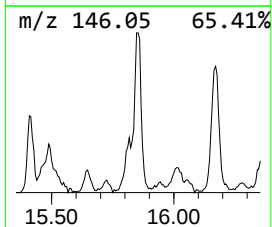
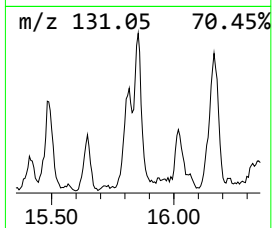
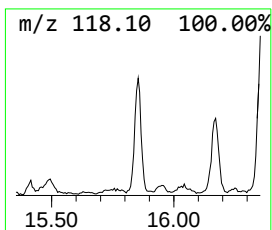
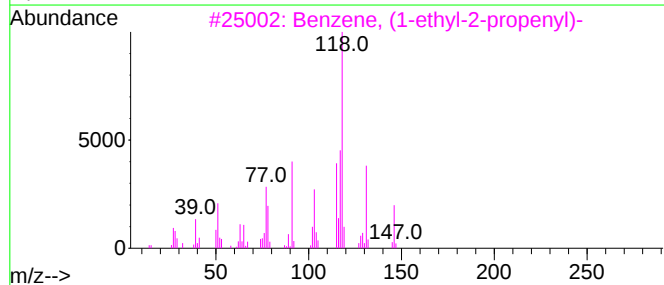
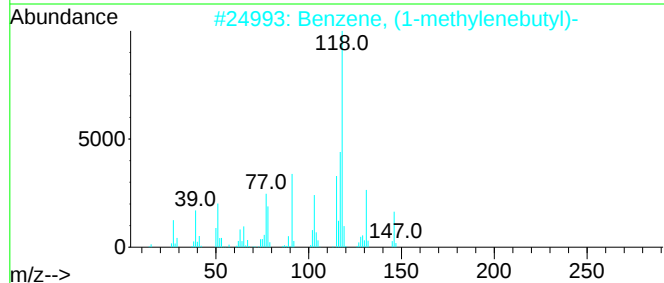
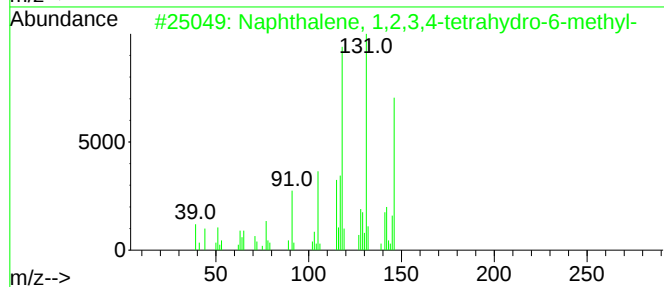
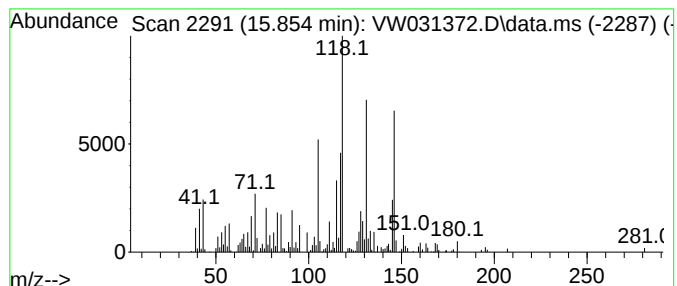
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Quant Title : SFAM01.0

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

Peak Number 42 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.854	3.60 ug/L	147903	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	74
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
4			1H-Indol-4-ylmethylaniline	146	C9H10N2	003468-18-6	52
5			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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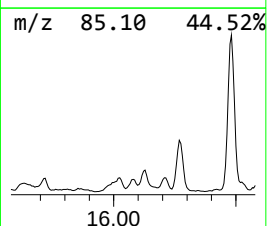
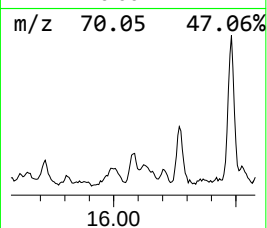
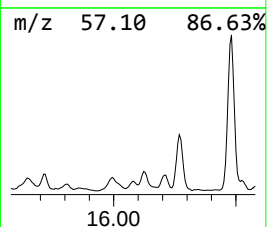
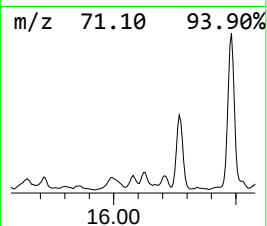
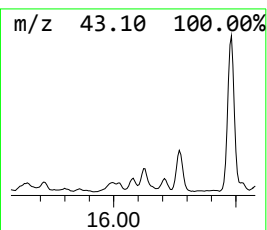
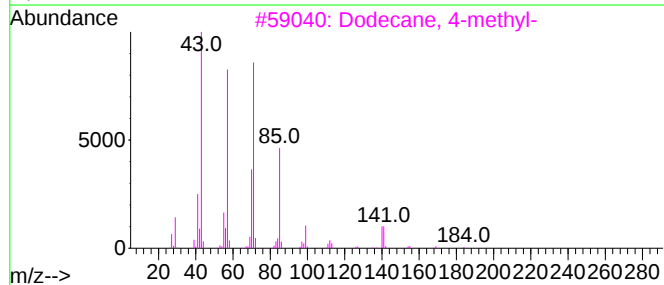
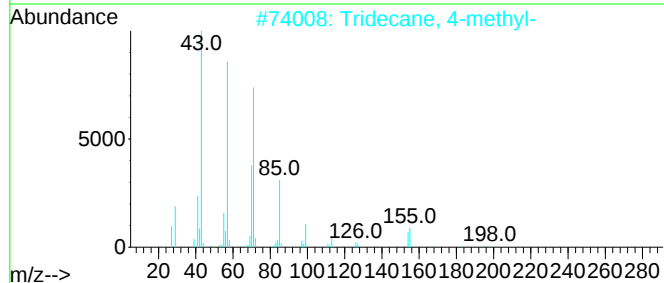
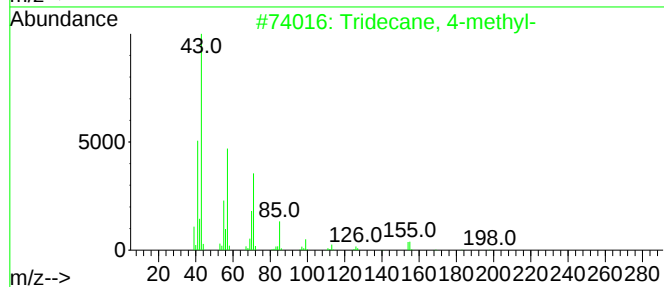
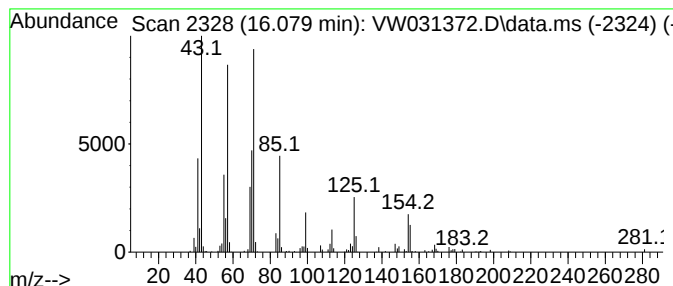
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.079	3.10 ug/L	127288	1,4-Dichlorobenzene-d4	13.549

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	86
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z7

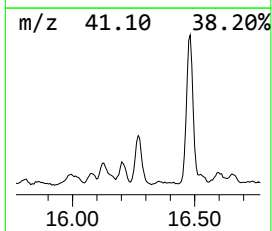
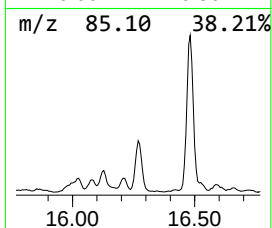
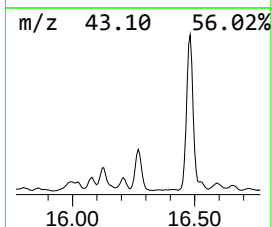
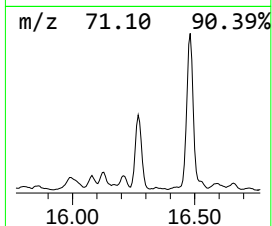
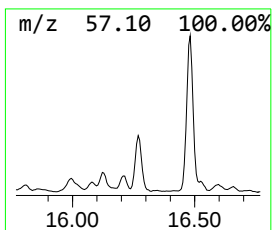
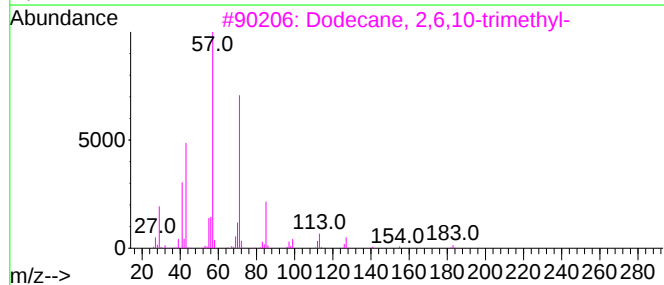
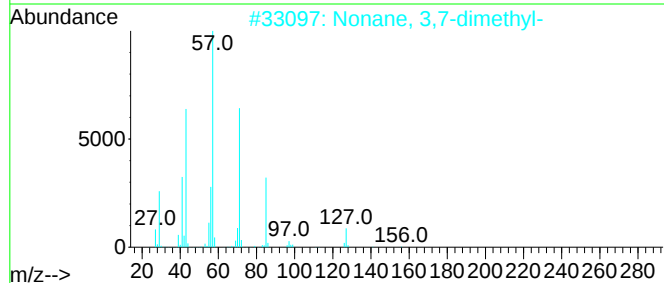
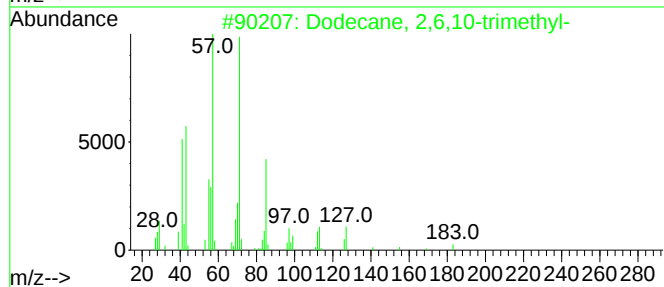
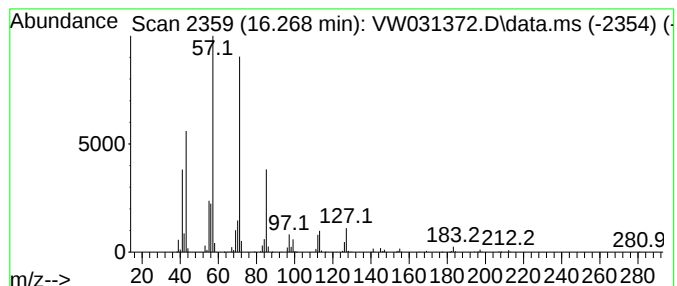
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	25.87 ug/L	1061540	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

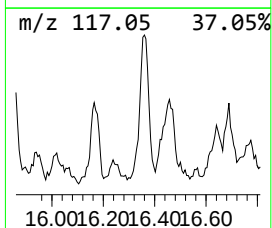
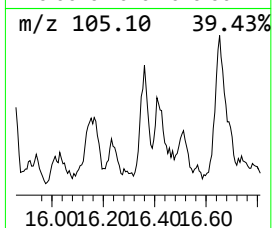
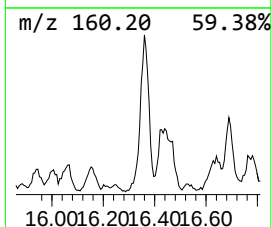
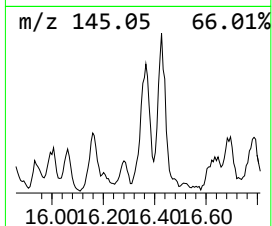
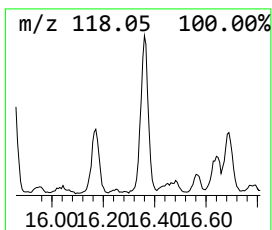
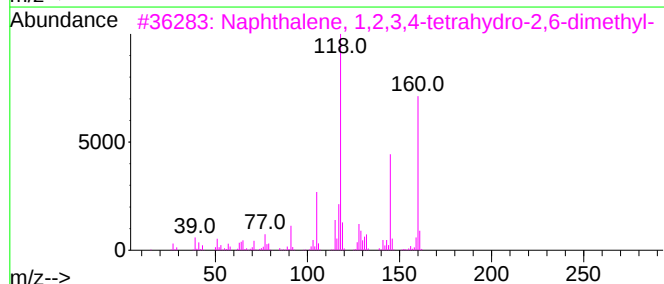
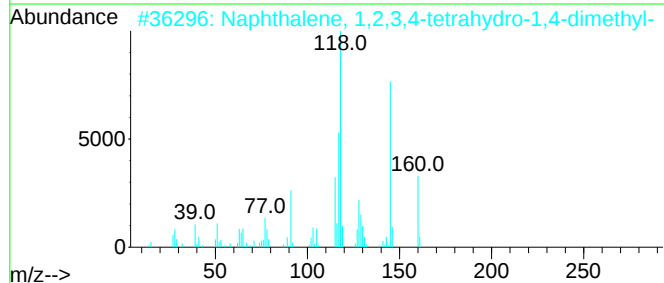
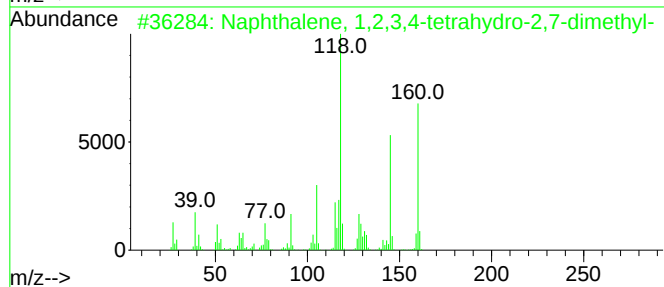
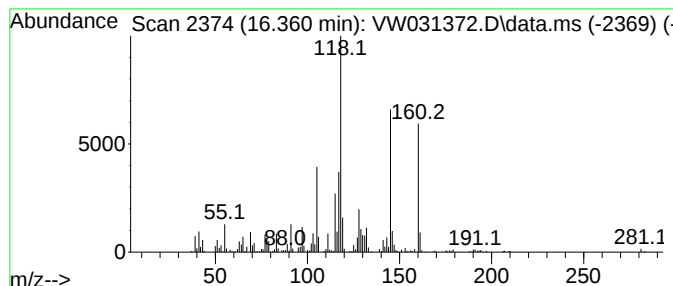
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Quant Title : SFAM01.0

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

Peak Number 48 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.360	6.75 ug/L	276774	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
5			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E2827

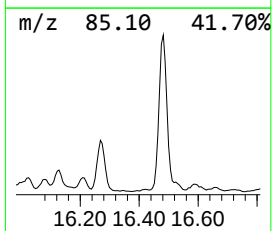
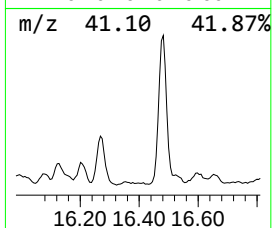
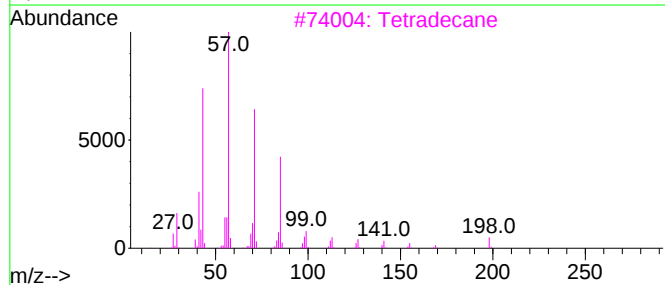
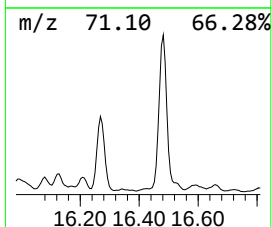
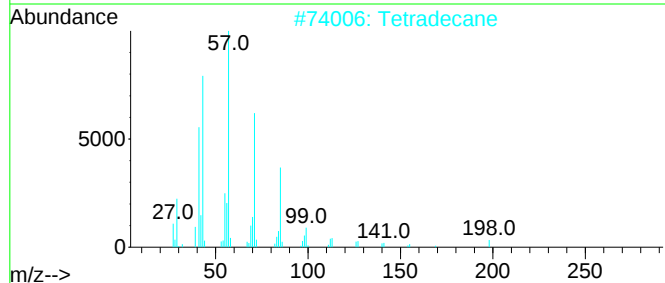
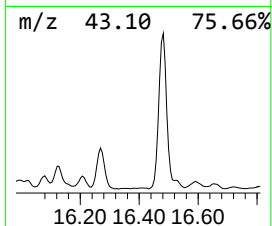
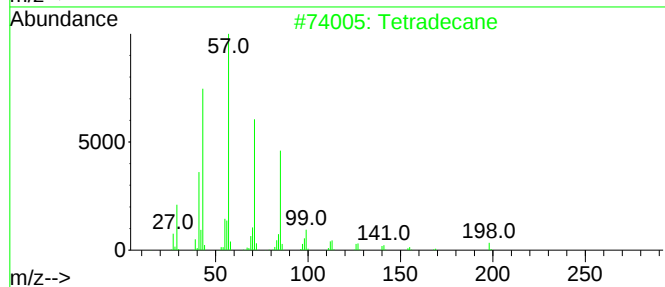
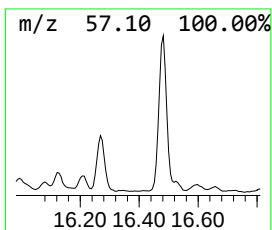
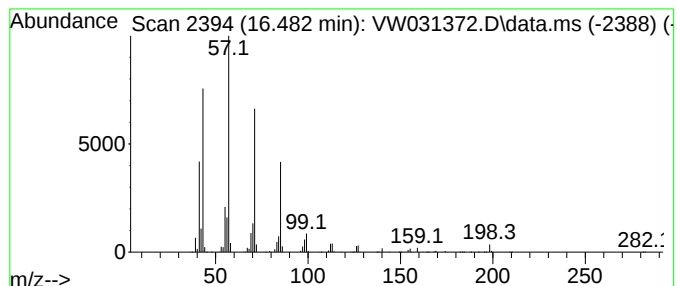
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Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	61.28 ug/L	2514300	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tetradecane	198	C14H30	000629-59-4	96
3			Tetradecane	198	C14H30	000629-59-4	91
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
5			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031372.D
Acq On : 19 Dec 2024 10:08
Operator : SY/MD
Sample : P5265-12
Misc : 11.03g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28Z7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.464	43.4	ug/L	3149540	2	11.629	1815450	25.0
Benzene, 1-ethy...	12.860	7.3	ug/L	300492	3	13.549	1025740	25.0
Bicyclo[3.1.1]h...	13.019	22.3	ug/L	916723	3	13.549	1025740	25.0
Benzene, 1-ethy...	13.098	7.2	ug/L	296764	3	13.549	1025740	25.0
(DEL) Alkane: S...	13.159	9.6	ug/L	393423	3	13.549	1025740	25.0
Benzene, 1,3-di...	13.714	5.0	ug/L	203771	3	13.549	1025740	25.0
Benzene, 1,4-di...	13.787	9.3	ug/L	381683	3	13.549	1025740	25.0
Benzene, 1-meth...	13.940	4.5	ug/L	182392	3	13.549	1025740	25.0
Benzene, 1-meth...	14.007	6.2	ug/L	253180	3	13.549	1025740	25.0
o-Cymene	14.031	10.1	ug/L	413015	3	13.549	1025740	25.0
p-Cymene	14.086	8.8	ug/L	363278	3	13.549	1025740	25.0
Benzene, 4-ethy...	14.336	8.1	ug/L	332214	3	13.549	1025740	25.0
Benzene, 1-ethy...	14.452	6.2	ug/L	254927	3	13.549	1025740	25.0
(DEL) Alkane: S...	14.714	27.7	ug/L	1138230	3	13.549	1025740	25.0
Benzene, 1,2,3,...	14.781	17.7	ug/L	726154	3	13.549	1025740	25.0
(DEL) Alkane: S...	14.830	12.1	ug/L	497865	3	13.549	1025740	25.0
Benzene, 1,3-di...	15.055	3.0	ug/L	125241	3	13.549	1025740	25.0
(DEL) Alkane: S...	15.543	50.4	ug/L	2067180	3	13.549	1025740	25.0
Naphthalene, 1,...	15.854	3.6	ug/L	147903	3	13.549	1025740	25.0
(DEL) Alkane: S...	16.079	3.1	ug/L	127288	3	13.549	1025740	25.0
(DEL) Alkane: S...	16.268	25.9	ug/L	1061540	3	13.549	1025740	25.0
Naphthalene, 1,...	16.360	6.8	ug/L	276774	3	13.549	1025740	25.0
(DEL) Alkane: S...	16.482	61.3	ug/L	2514300	3	13.549	1025740	25.0