

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031532.D
 Acq On : 26 Dec 2024 16:36
 Operator : SY/MD
 Sample : P5378-07
 Misc : 5.64g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE685

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

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: VW031532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.356	69	77	90	rBV	208329	451697	2.98%	0.271%
2	2.893	157	165	180	rBV	143030	417981	2.75%	0.251%
3	4.015	335	349	367	rBV	380743	1104909	7.28%	0.662%
4	4.167	367	374	393	rVV2	14748	77499	0.51%	0.046%
5	4.917	487	497	505	rVV5	6772	22694	0.15%	0.014%
6	5.947	656	666	673	rVB4	7514	23222	0.15%	0.014%
7	7.093	845	854	860	rBV	51801	165755	1.09%	0.099%
8	7.648	933	945	961	rBV	517156	1261121	8.31%	0.756%
9	8.276	1033	1048	1065	rBV2	1037715	3024950	19.93%	1.813%
10	8.837	1129	1140	1155	rBV	1240756	2495562	16.44%	1.496%
11	9.093	1172	1182	1194	rVB2	52607	118592	0.78%	0.071%
12	9.270	1200	1211	1220	rBV	677259	1405842	9.26%	0.843%
13	10.032	1328	1336	1344	rBV	374060	674296	4.44%	0.404%
14	10.215	1360	1366	1369	rBV	8736	18128	0.12%	0.011%
15	10.318	1375	1383	1390	rBV	1444342	2560469	16.87%	1.535%
16	10.385	1390	1394	1401	rVB	56190	103799	0.68%	0.062%
17	10.501	1406	1413	1419	rVB4	32966	61246	0.40%	0.037%
18	10.574	1419	1425	1435	rBV	220474	388563	2.56%	0.233%
19	10.660	1435	1439	1442	rVV2	16646	28964	0.19%	0.017%
20	10.696	1442	1445	1450	rVB	24648	37845	0.25%	0.023%
21	10.757	1450	1455	1460	rBV5	9351	16675	0.11%	0.010%
22	10.922	1475	1482	1491	rBV	261986	472101	3.11%	0.283%
23	11.062	1501	1505	1508	rVB	17593	24441	0.16%	0.015%
24	11.172	1515	1523	1527	rBV	48654	86343	0.57%	0.052%
25	11.227	1527	1532	1538	rVB	143216	241720	1.59%	0.145%
26	11.330	1544	1549	1554	rVB2	53314	91528	0.60%	0.055%
27	11.428	1554	1565	1573	rVB5	90321	239858	1.58%	0.144%
28	11.507	1573	1578	1583	rBV	51301	82988	0.55%	0.050%
29	11.629	1591	1598	1607	rBV	1608074	2747134	18.10%	1.647%
30	11.727	1607	1614	1623	rBV	555176	1032860	6.80%	0.619%
31	11.830	1623	1631	1641	rBV	2125969	4140036	27.27%	2.481%
32	11.910	1641	1644	1649	rVB3	122827	209739	1.38%	0.126%
33	11.971	1649	1654	1660	rBV	83505	154008	1.01%	0.092%
34	12.044	1660	1666	1673	rVB4	51241	129248	0.85%	0.077%
35	12.160	1673	1685	1692	rBV	1434343	2998926	19.76%	1.797%
36	12.245	1692	1699	1703	rVB2	220442	405805	2.67%	0.243%

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

37	12.300	1703	1708	1709	rBV3	122472	188378	1.24%	0.113%
38	12.336	1709	1714	1719	rBV3	619305	1314103	8.66%	0.788%
39	12.464	1729	1735	1739	rBV4	319576	584637	3.85%	0.350%
40	12.538	1744	1747	1748	rBV	67089	72552	0.48%	0.043%
41	12.562	1749	1751	1754	rVB2	206001	219920	1.45%	0.132%
42	12.605	1754	1758	1762	rBV3	111074	174221	1.15%	0.104%
43	12.647	1762	1765	1767	rBV	65342	80618	0.53%	0.048%
44	12.690	1767	1772	1778	rBV	705054	1241721	8.18%	0.744%
45	12.775	1781	1786	1794	rVB3	1081390	2476972	16.32%	1.485%
46	12.861	1794	1800	1803	rBV	2273314	3725432	24.54%	2.233%
47	12.897	1803	1806	1807	rVV	816577	1083764	7.14%	0.650%
48	12.934	1807	1812	1819	rVB3	3398521	6861640	45.20%	4.113%
49	13.031	1824	1828	1831	rBV3	129567	175402	1.16%	0.105%
50	13.098	1831	1839	1845	rBV	1293164	2439287	16.07%	1.462%
51	13.159	1845	1849	1857	rVB4	723075	1580862	10.41%	0.947%
52	13.245	1857	1863	1873	rBV	9278585	15180305	100.00%	9.098%
53	13.373	1880	1884	1888	rVB2	537716	792330	5.22%	0.475%
54	13.440	1889	1895	1899	rBV2	1835182	3301519	21.75%	1.979%
55	13.489	1899	1903	1909	rVB	2551673	4245707	27.97%	2.545%
56	13.580	1909	1918	1930	rBV3	6735365	12996339	85.61%	7.789%
57	13.714	1931	1940	1941	rBV4	708882	1457162	9.60%	0.873%
58	13.745	1941	1945	1948	rVV2	2193874	3523513	23.21%	2.112%
59	13.787	1948	1952	1959	rVV4	1984280	4128779	27.20%	2.475%
60	13.867	1959	1965	1971	rVB4	2647559	5478293	36.09%	3.283%
61	13.940	1972	1977	1982	rBV	954774	1554064	10.24%	0.931%
62	14.001	1982	1987	1990	rBV2	1433338	2403983	15.84%	1.441%
63	14.031	1990	1992	1997	rVB	1681285	2229776	14.69%	1.336%
64	14.092	1997	2002	2007	rVB	2245527	3463335	22.81%	2.076%
65	14.153	2007	2012	2015	rBV	767805	1255662	8.27%	0.753%
66	14.202	2015	2020	2025	rVB2	3077944	5171289	34.07%	3.099%
67	14.269	2025	2031	2036	rVB4	448326	998024	6.57%	0.598%
68	14.330	2036	2041	2045	rBV2	1272591	2102642	13.85%	1.260%
69	14.379	2045	2049	2051	rBV2	476975	646709	4.26%	0.388%
70	14.415	2051	2055	2057	rVV	1348453	2002396	13.19%	1.200%
71	14.452	2057	2061	2065	rVB	2103992	3203932	21.11%	1.920%
72	14.495	2065	2068	2071	rVB	625154	755647	4.98%	0.453%
73	14.531	2071	2074	2082	rVB3	687824	1371362	9.03%	0.822%
74	14.635	2082	2091	2095	rBV2	1211034	2068800	13.63%	1.240%
75	14.683	2095	2099	2103	rBV4	984244	1934375	12.74%	1.159%
76	14.787	2110	2116	2122	rBV3	3447673	7819794	51.51%	4.687%

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 Title : SFAM01.0

77	14.848	2122	2126	2138	rVB2	2478359	4224903	27.83%	2.532%
78	14.952	2138	2143	2148	rBV	705931	1091065	7.19%	0.654%
79	15.019	2149	2154	2156	rVV2	389232	647448	4.27%	0.388%
80	15.055	2156	2160	2164	rVV3	1290308	2593135	17.08%	1.554%
81	15.098	2164	2167	2168	rVV	823587	1121936	7.39%	0.672%
82	15.122	2169	2171	2174	rVV2	1044919	1574640	10.37%	0.944%
83	15.165	2174	2178	2188	rVB3	918705	2093299	13.79%	1.255%
84	15.311	2197	2202	2204	rBV3	317803	530520	3.49%	0.318%
85	15.354	2204	2209	2216	rVB	3245843	5784366	38.10%	3.467%
86	15.458	2221	2226	2231	rVV2	352129	689544	4.54%	0.413%
87	15.513	2231	2235	2236	rVV3	161460	237359	1.56%	0.142%
88	15.543	2237	2240	2249	rVB3	412289	792887	5.22%	0.475%
89	15.647	2249	2257	2263	rBV4	172733	430207	2.83%	0.258%
90	15.720	2264	2269	2273	rBV4	121479	242878	1.60%	0.146%
91	15.805	2279	2283	2288	rVB4	93083	160627	1.06%	0.096%
92	15.854	2288	2291	2296	rVB2	117131	176027	1.16%	0.106%
93	15.939	2300	2305	2310	rVB2	119558	207575	1.37%	0.124%
94	16.013	2310	2317	2322	rBV5	97105	274788	1.81%	0.165%
95	16.159	2332	2341	2346	rBV6	149488	449259	2.96%	0.269%
96	16.269	2355	2359	2365	rVB3	94250	168639	1.11%	0.101%
97	16.348	2366	2372	2378	rBV6	39972	122961	0.81%	0.074%
98	16.427	2378	2385	2391	rBV	930012	1983026	13.06%	1.189%
99	16.628	2411	2418	2430	rVB	552374	1322575	8.71%	0.793%
100	16.732	2431	2435	2444	rVB2	47480	104691	0.69%	0.063%

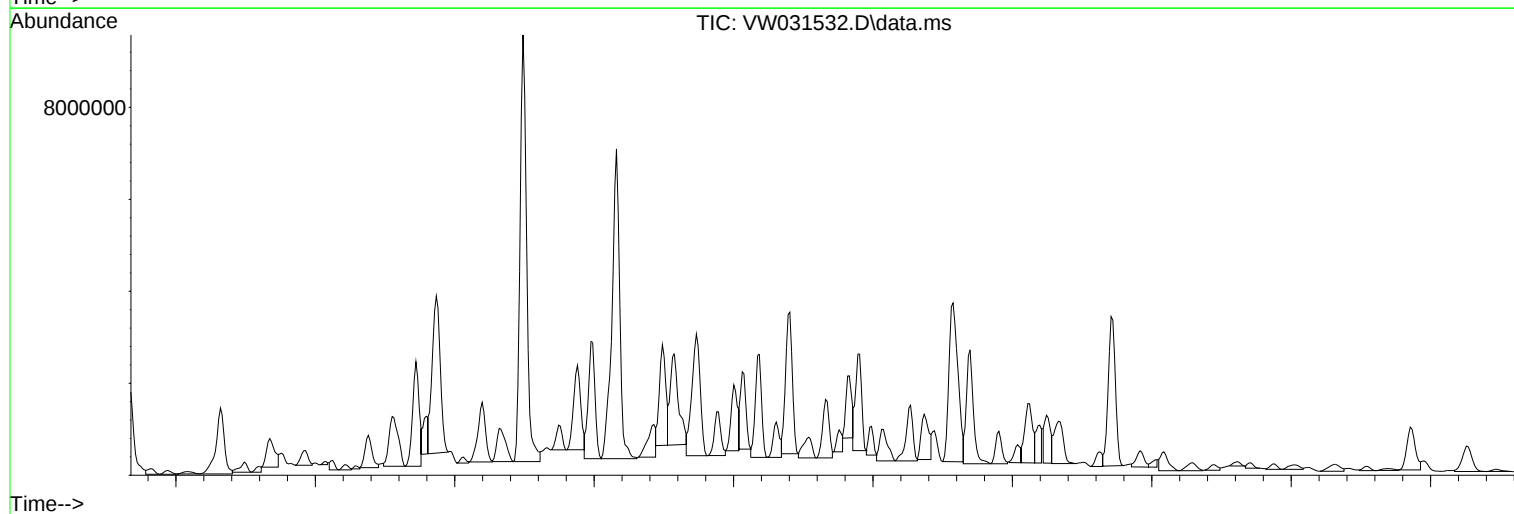
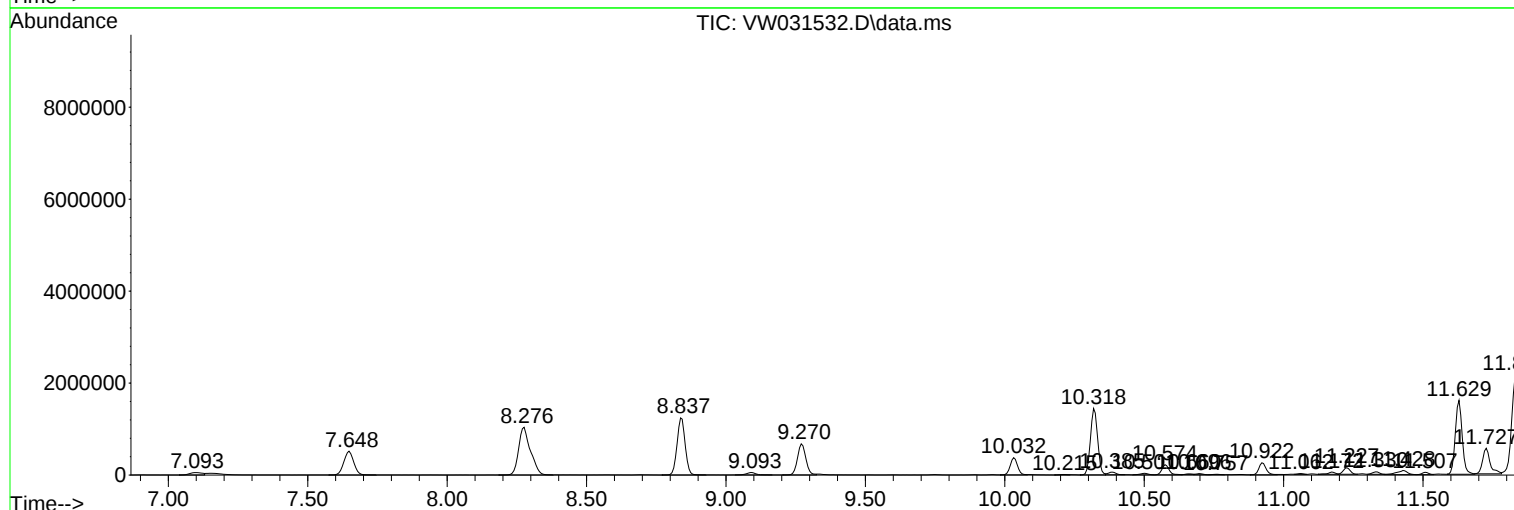
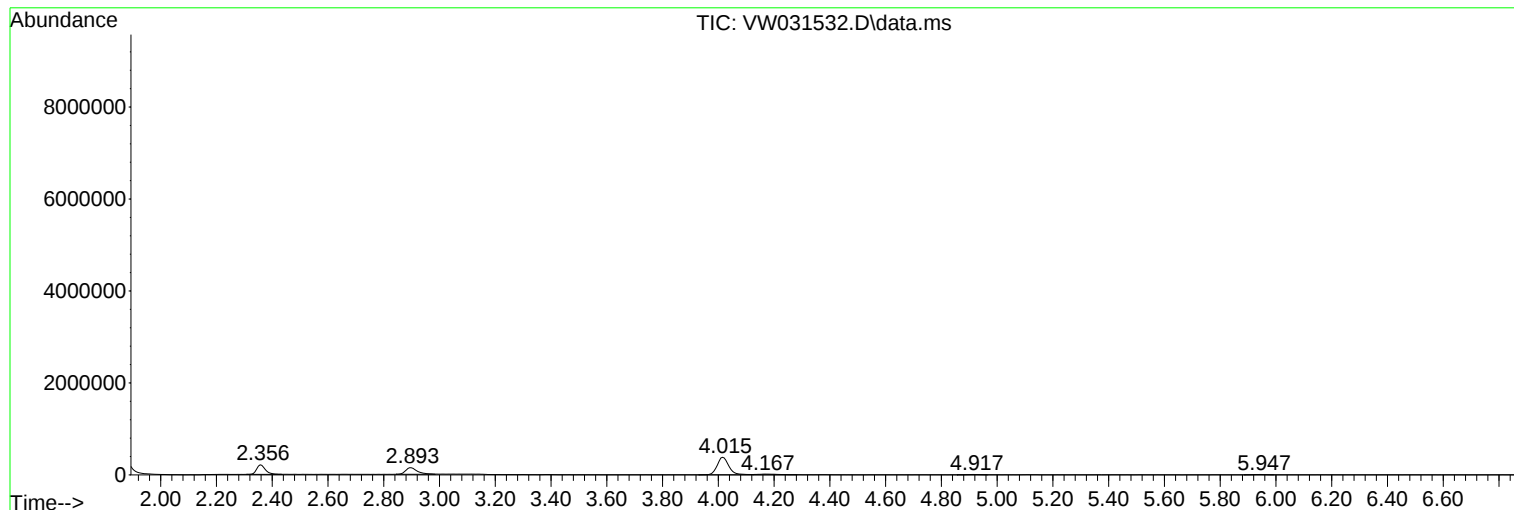
Sum of corrected areas: 166846145

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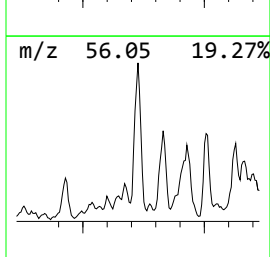
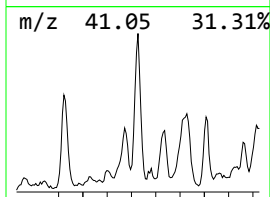
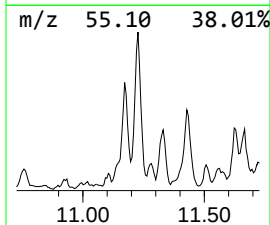
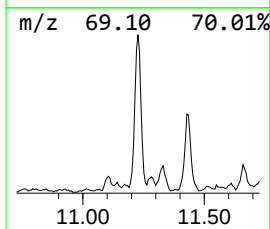
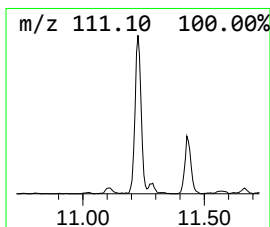
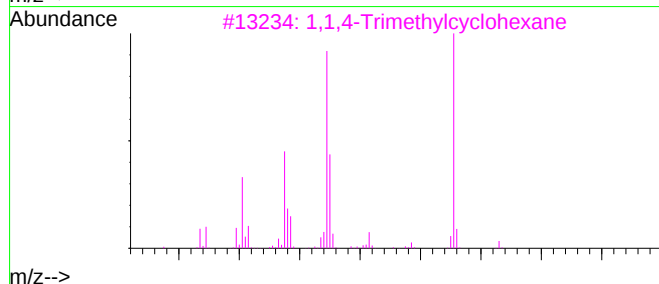
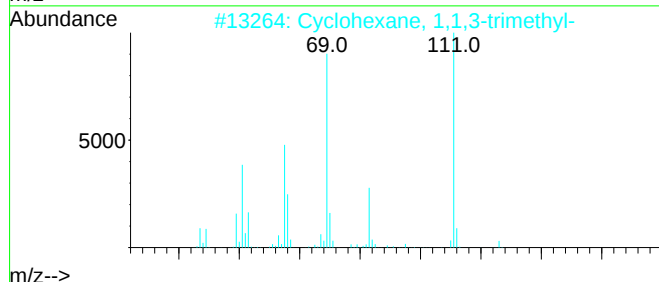
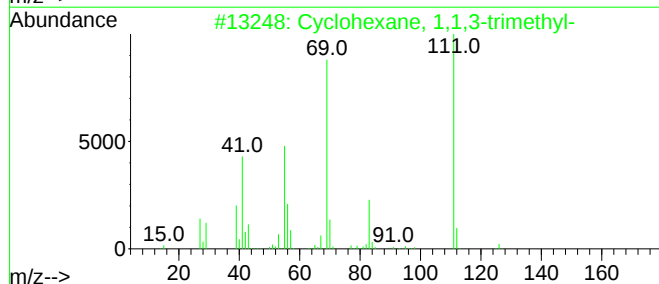
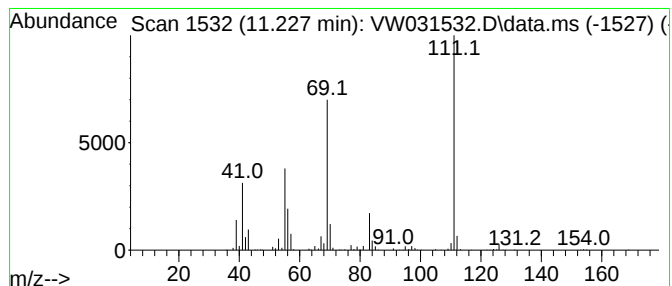
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic11.227 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.227	2.20 ug/L	241720	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
5	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72



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Quant Title : SFAM01.0

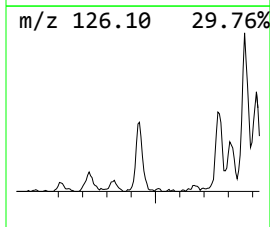
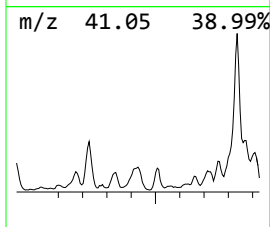
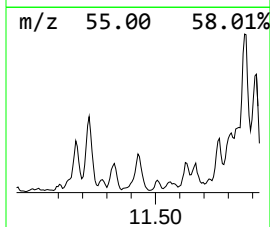
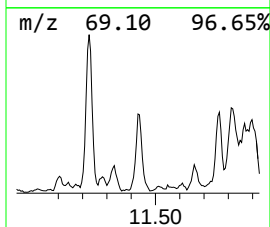
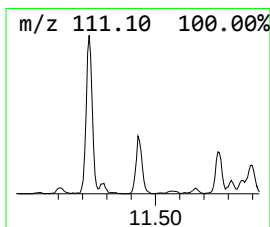
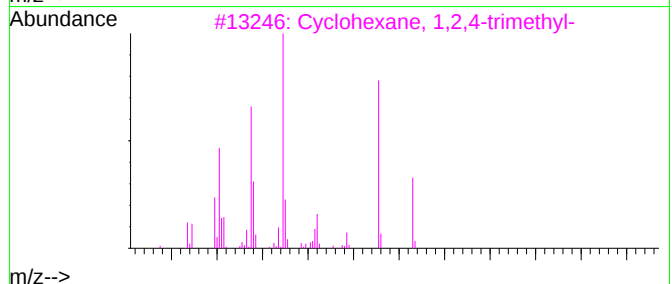
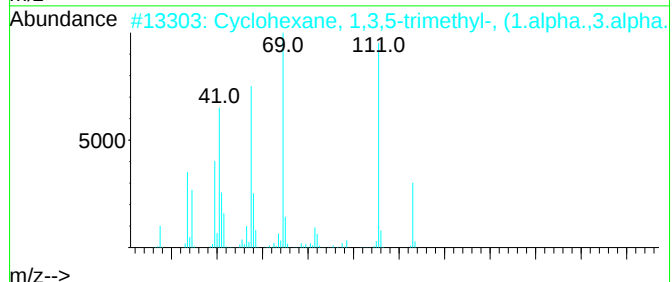
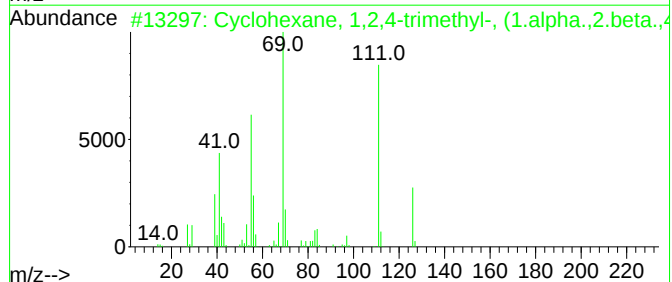
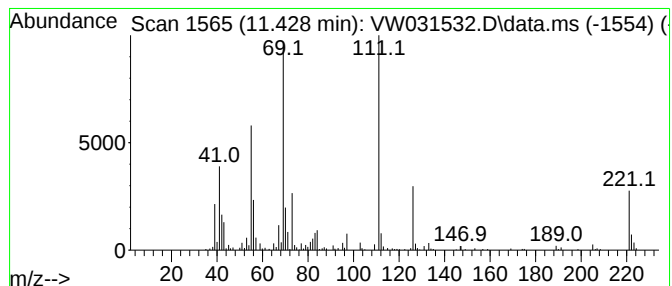
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic11.428 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.428	2.18 ug/L	239858	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	70
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	62
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	62



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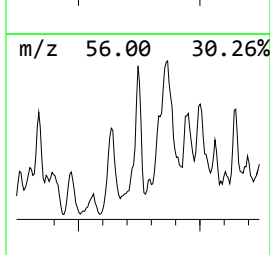
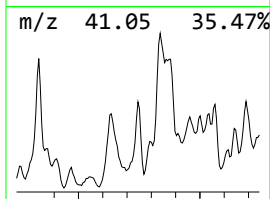
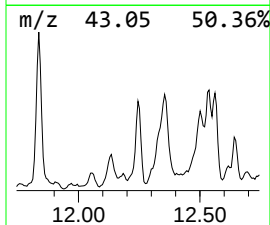
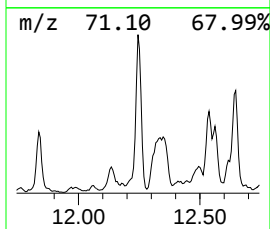
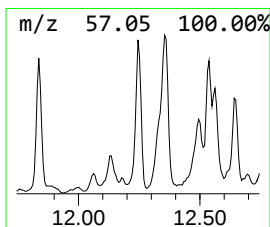
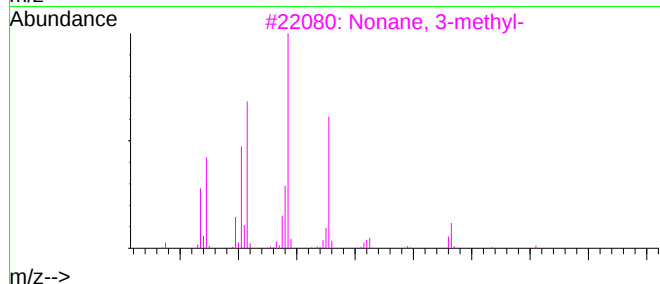
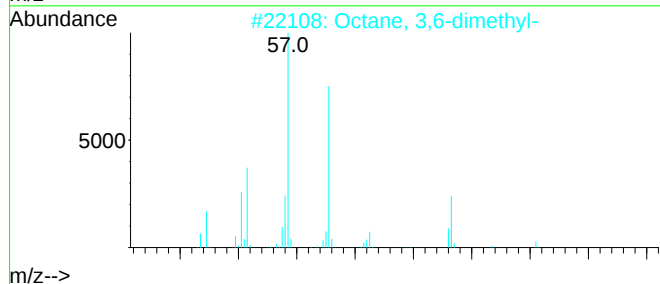
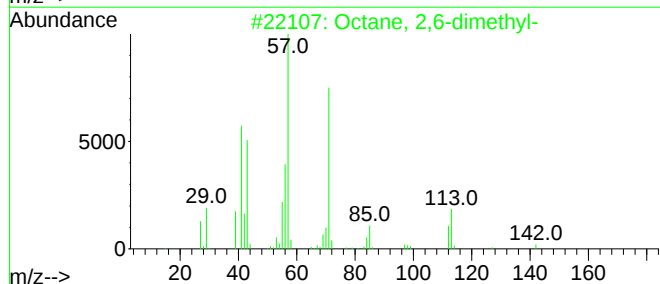
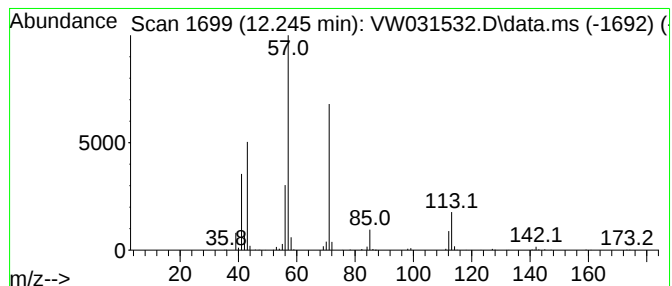
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.245	3.69 ug/L	405805	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

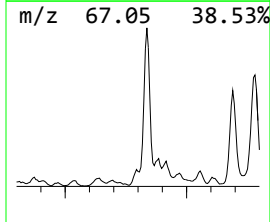
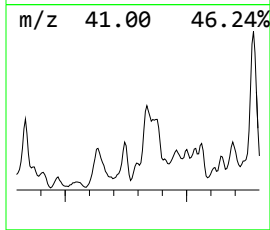
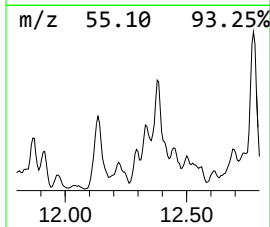
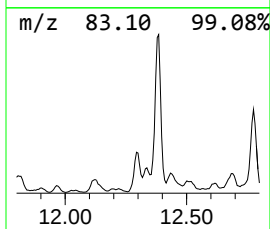
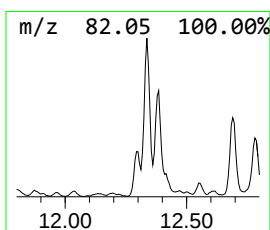
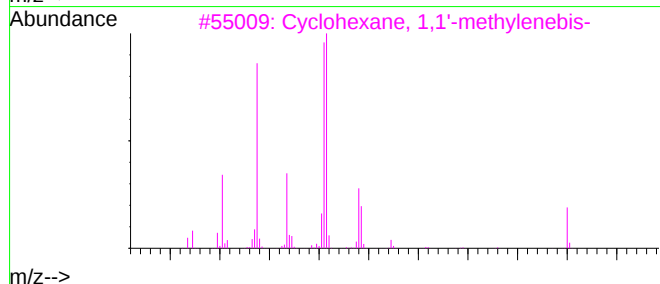
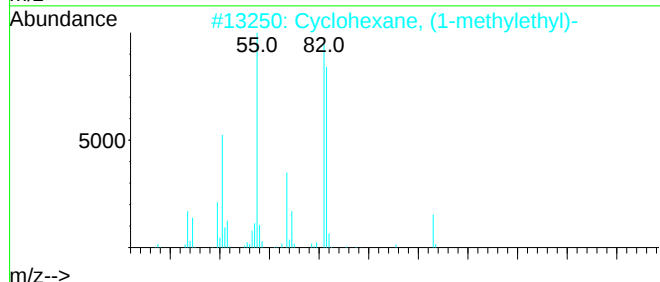
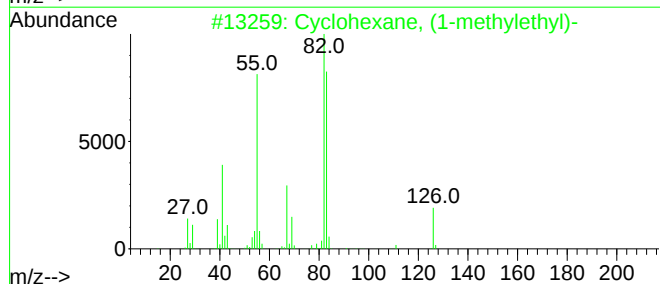
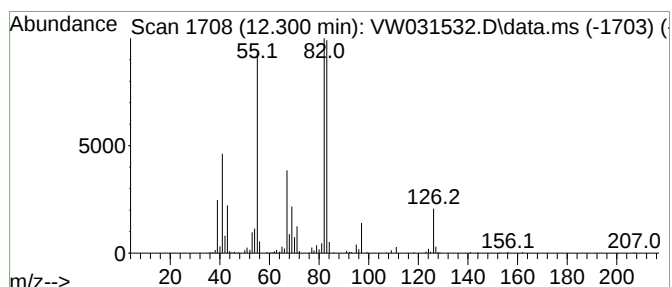
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic12.300 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.300	1.71 ug/L	188378	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	93
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
3	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

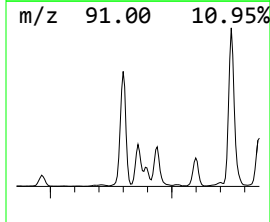
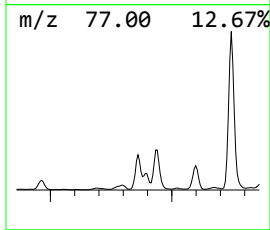
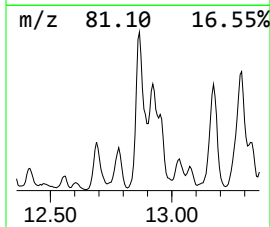
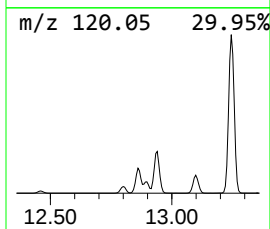
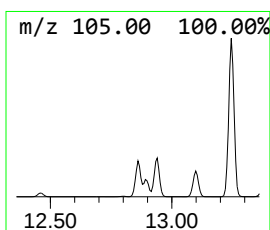
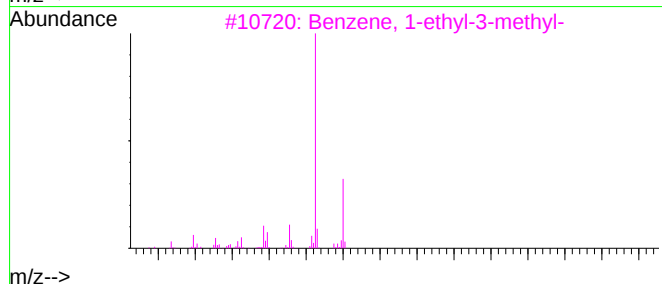
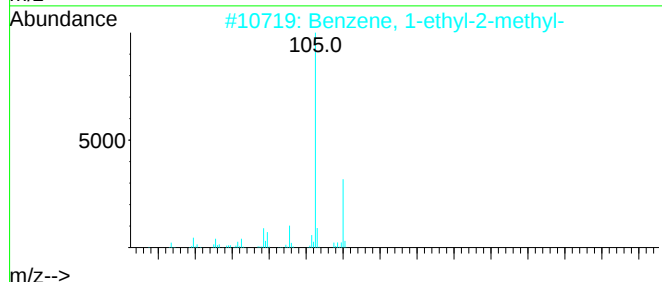
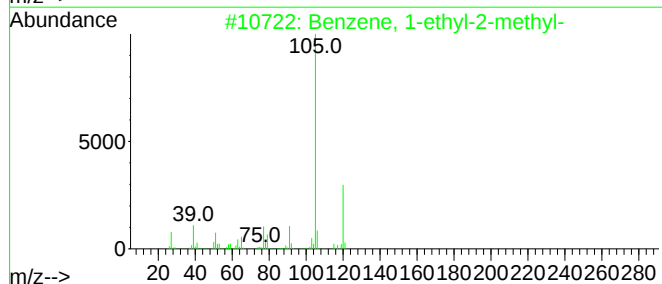
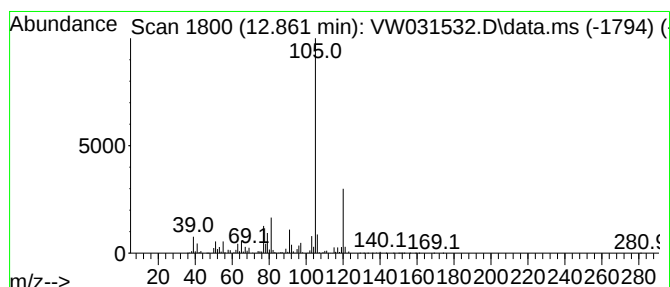
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.861	7.17 ug/L	3725430	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-		120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

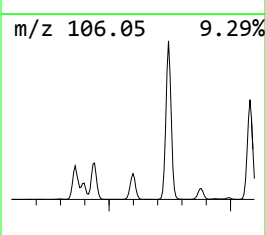
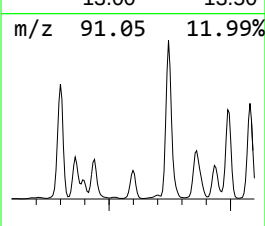
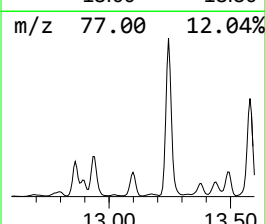
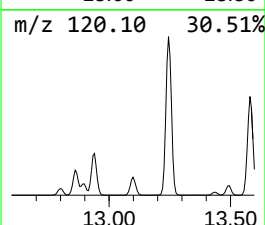
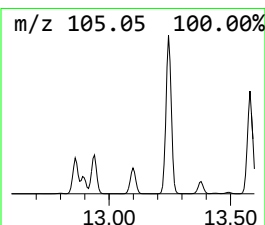
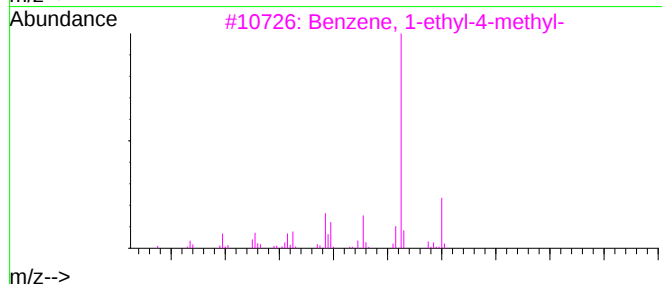
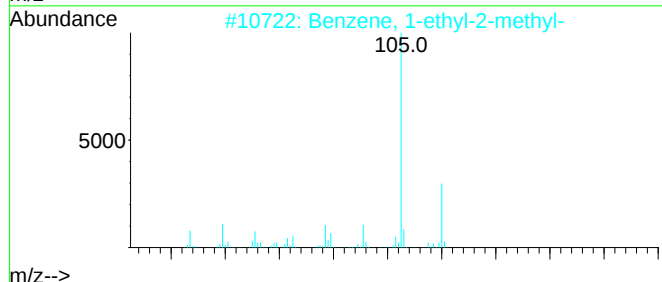
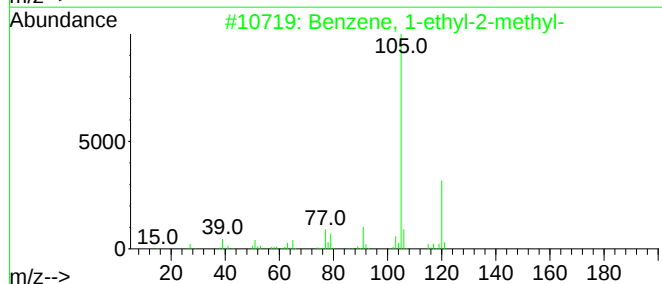
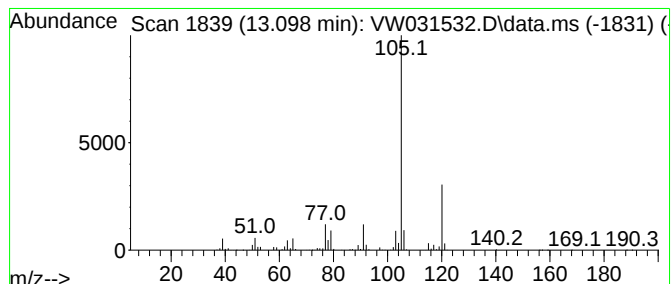
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.098	4.69 ug/L	2439290	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

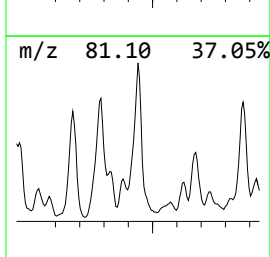
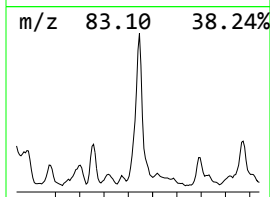
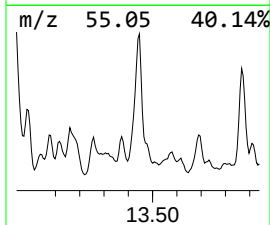
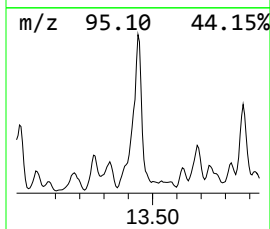
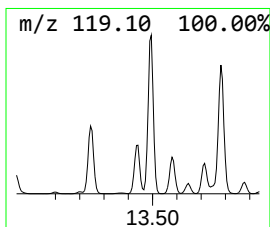
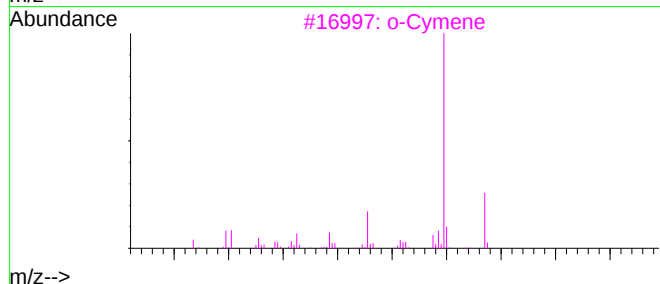
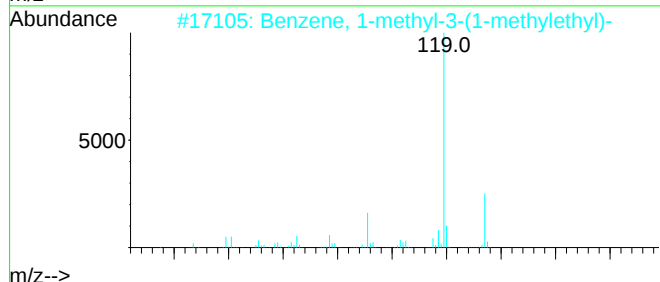
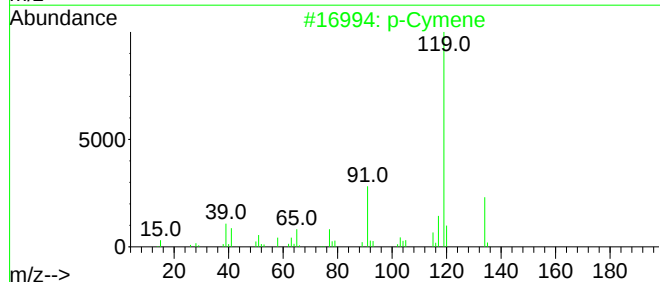
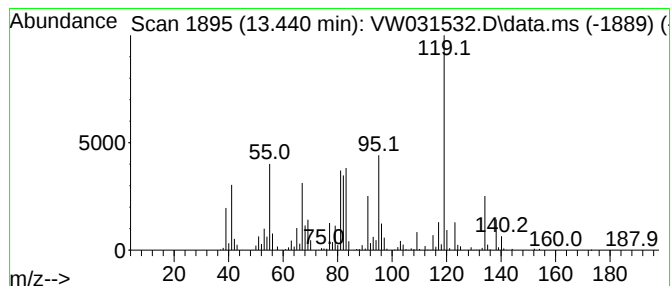
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.440	6.35 ug/L	3301520	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	89
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
3	o-Cymene	134	C10H14	000527-84-4	86
4	p-Cymene	134	C10H14	000099-87-6	86
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

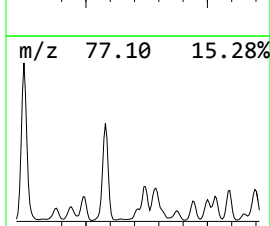
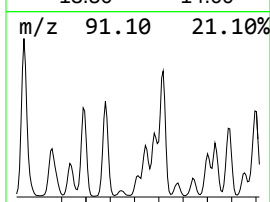
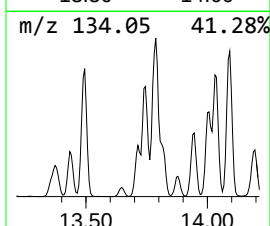
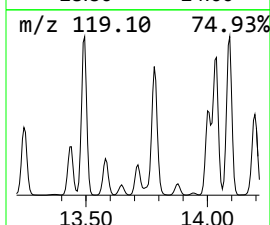
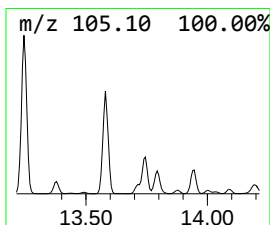
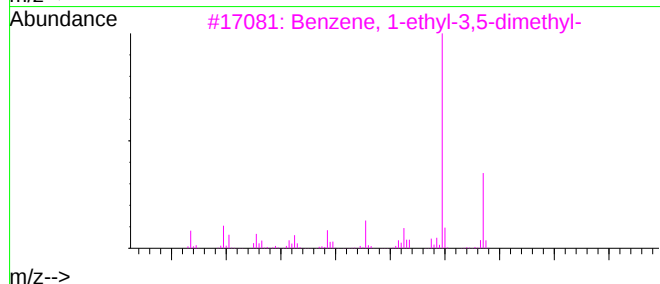
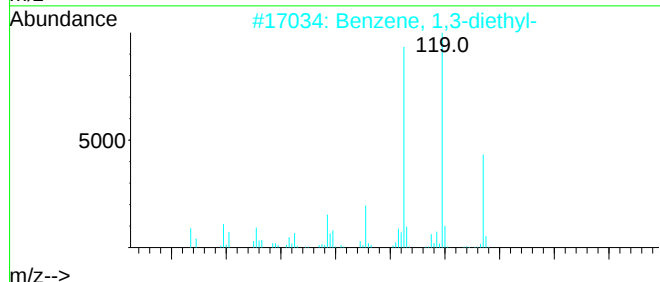
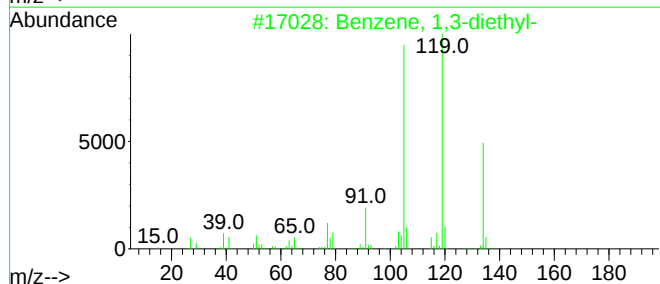
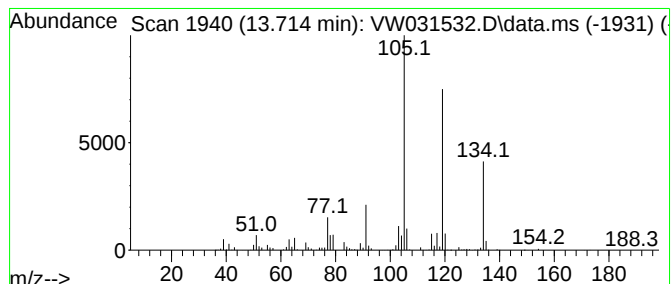
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.714	2.80 ug/L	1457160	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	96
2	Benzene, 1,3-diethyl-		134	C10H14	000141-93-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	90
4	Benzene, 1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	90
5	Benzene, 1,4-diethyl-		134	C10H14	000105-05-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

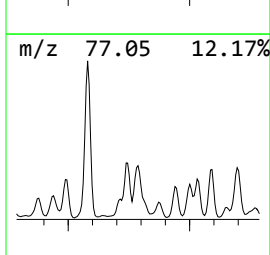
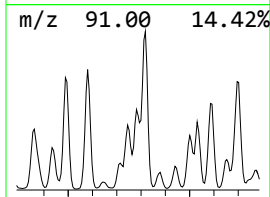
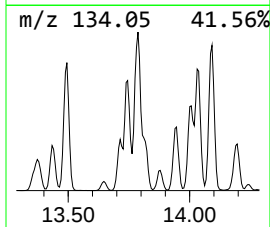
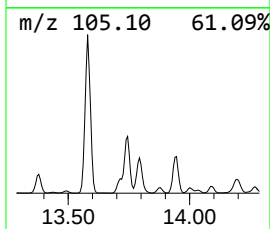
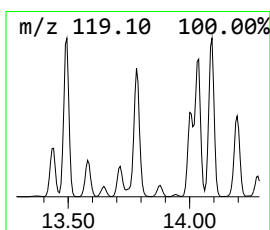
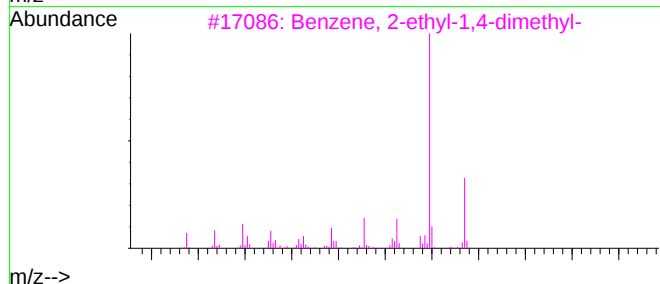
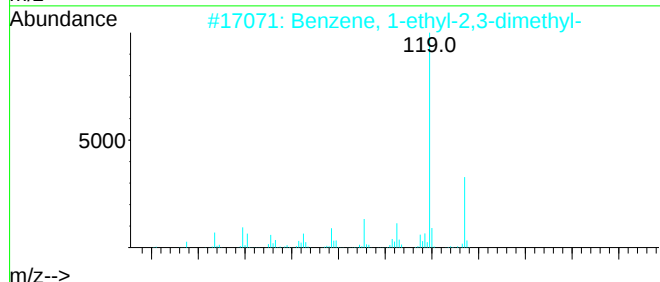
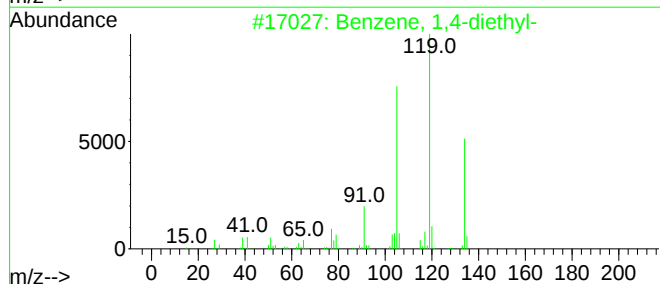
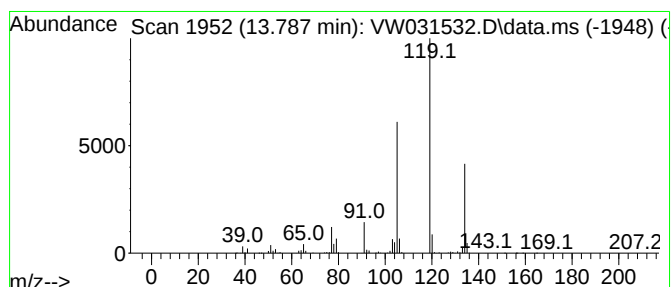
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	7.94 ug/L	4128780	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

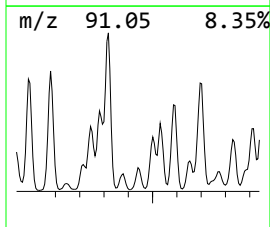
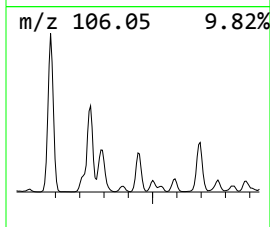
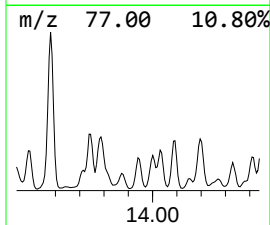
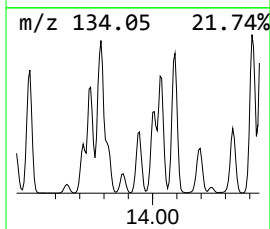
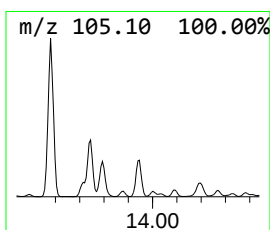
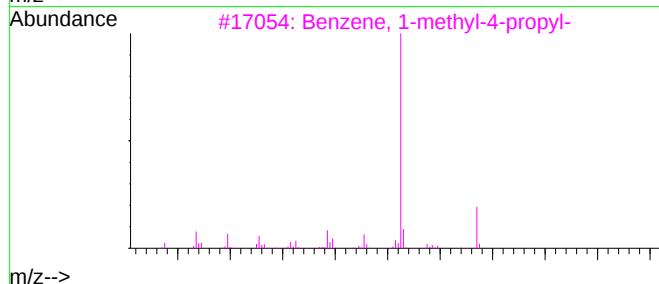
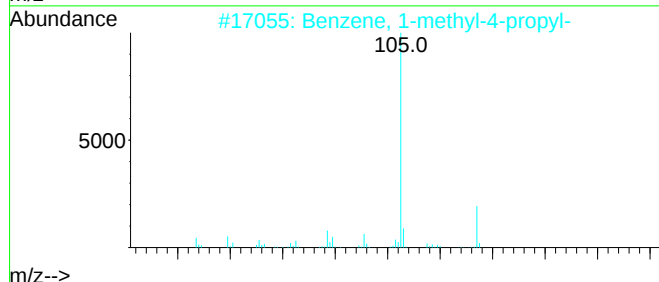
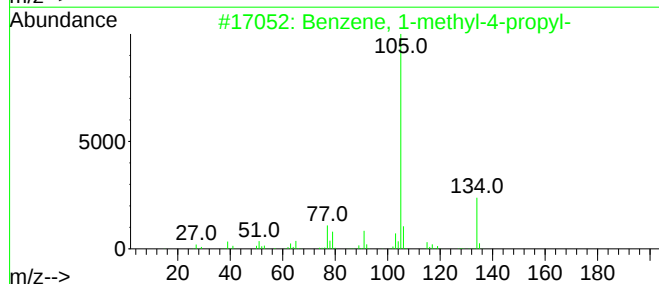
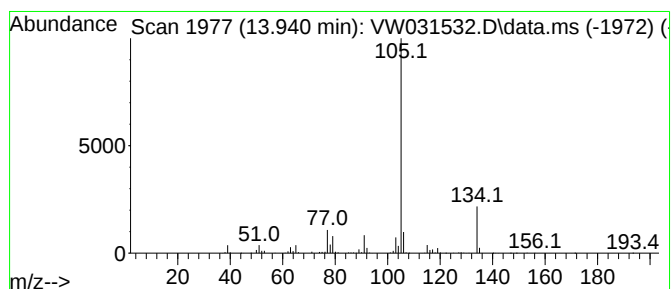
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.940	2.99 ug/L	1554060	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

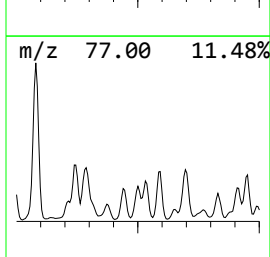
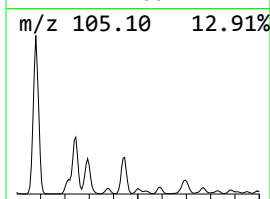
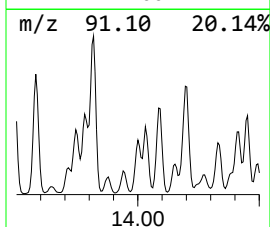
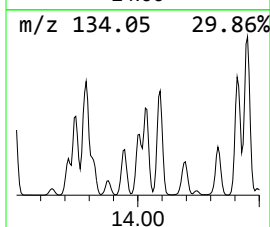
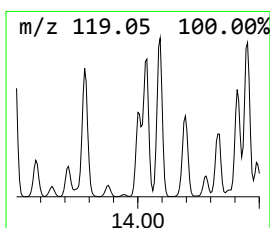
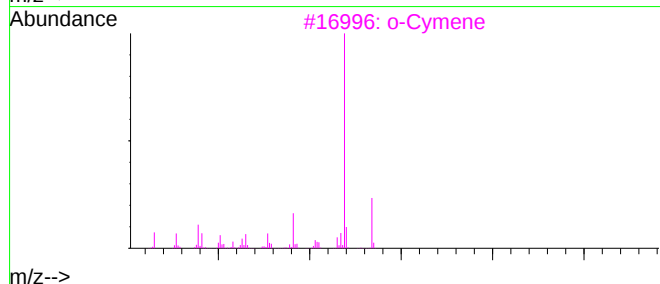
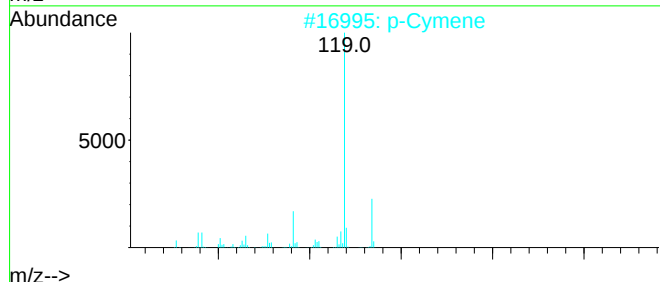
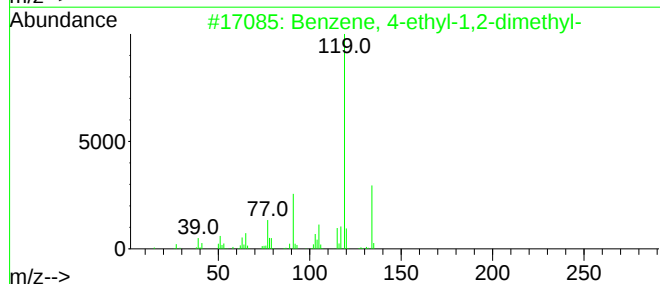
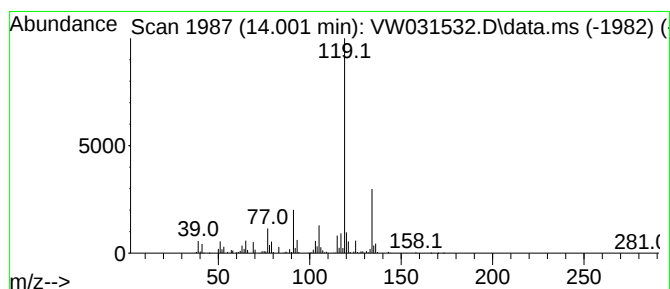
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.001	4.62 ug/L	2403980	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	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

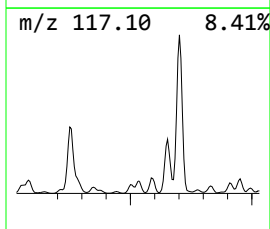
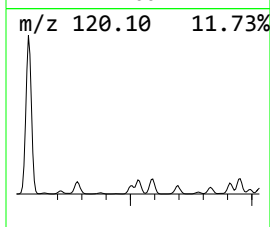
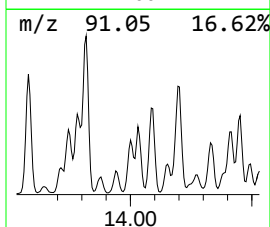
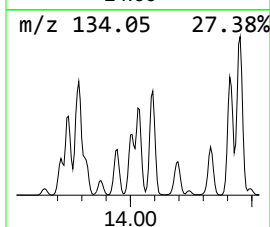
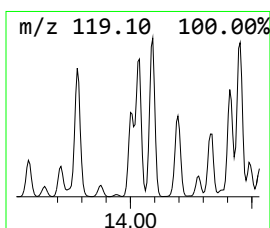
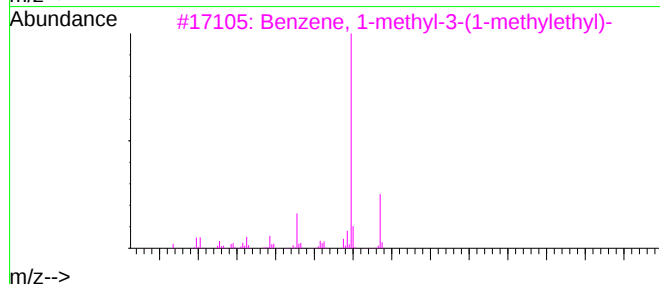
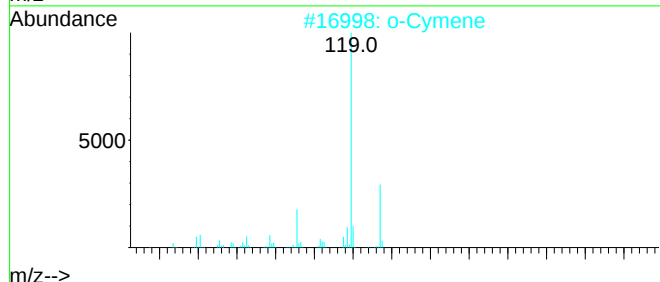
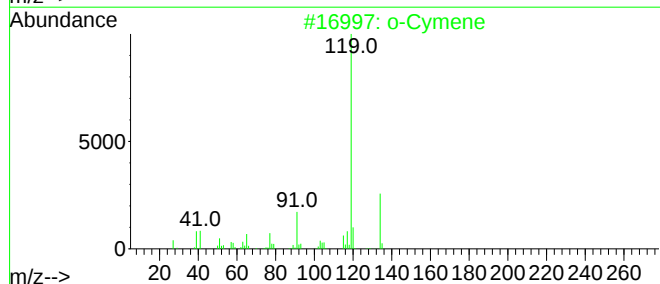
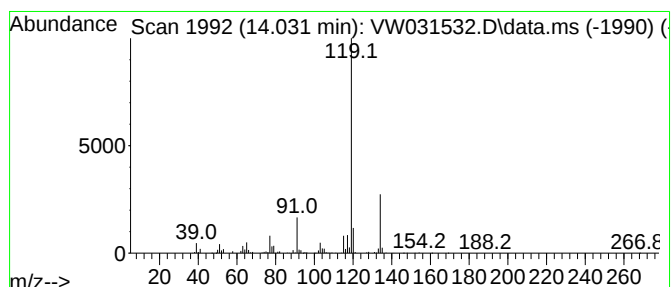
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 21 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.031	4.29 ug/L	2229780	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

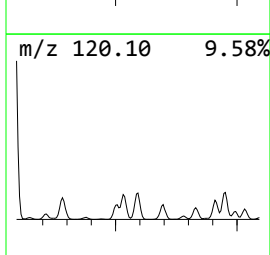
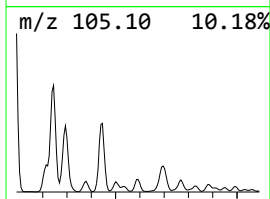
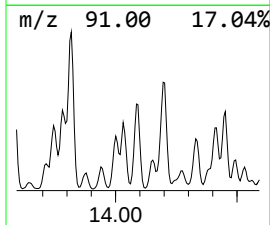
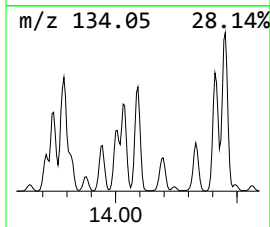
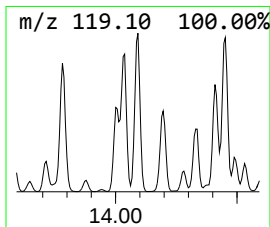
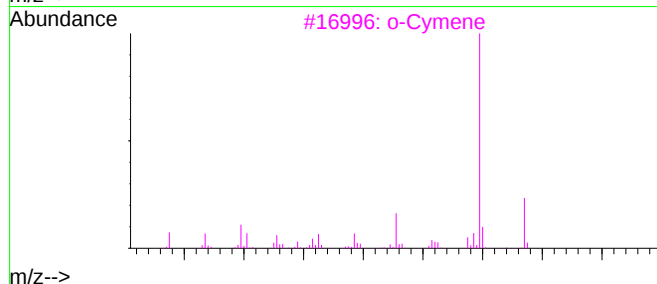
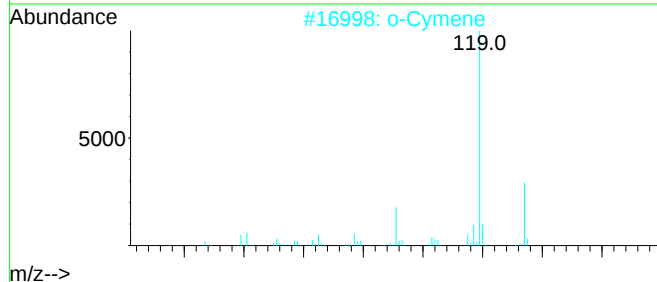
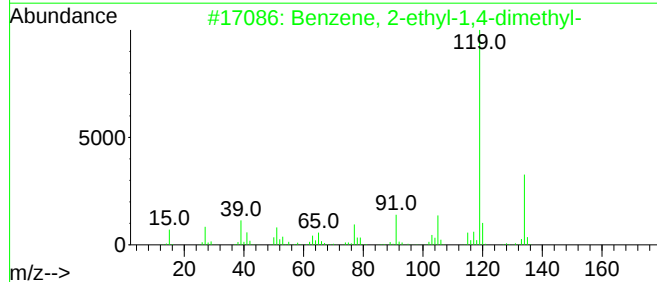
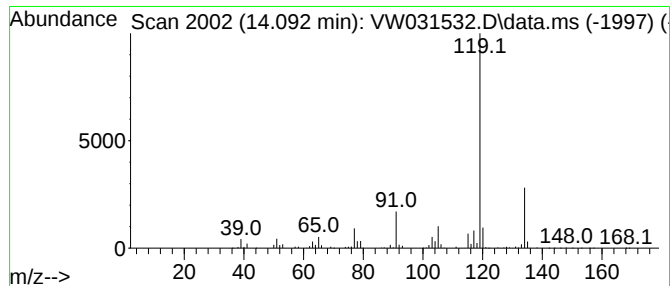
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	6.66 ug/L	3463340	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	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

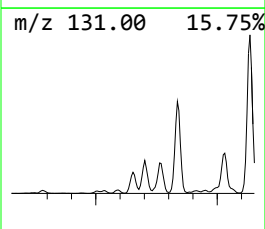
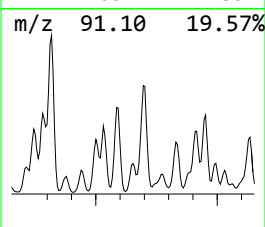
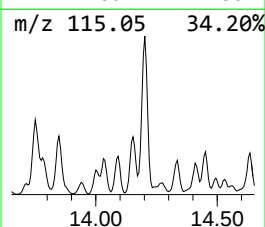
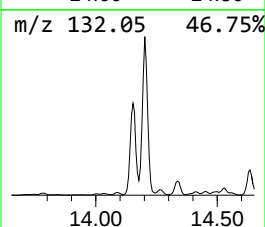
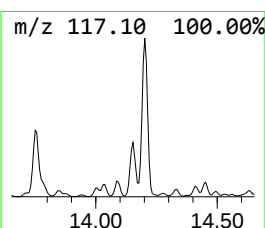
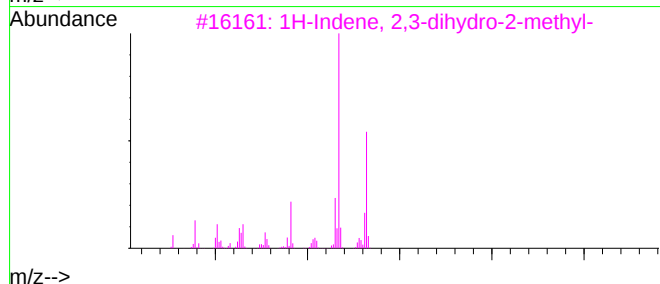
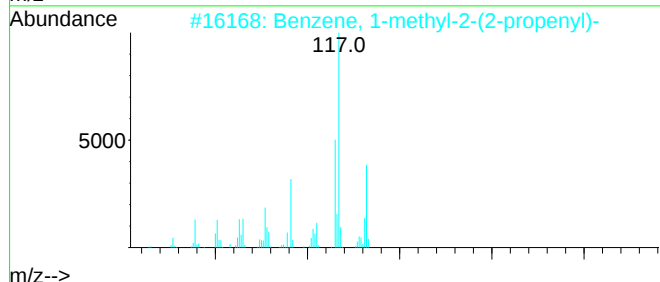
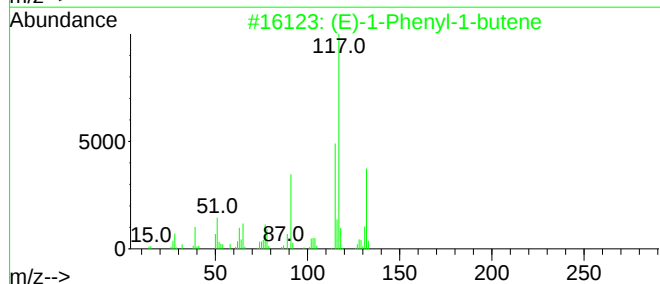
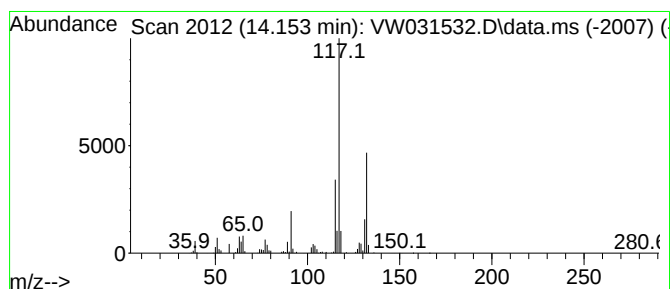
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 23 (E)-1-Phenyl-1-butene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.153	2.42 ug/L	1255660	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	93
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

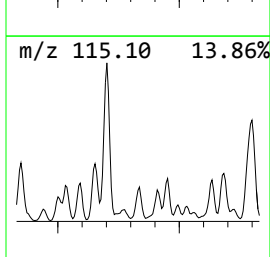
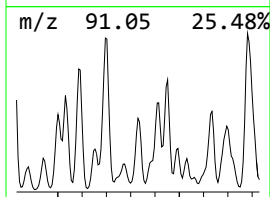
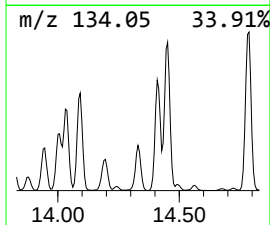
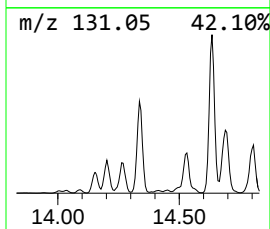
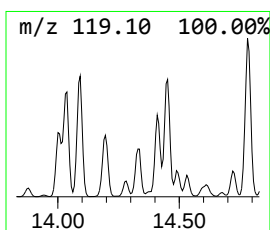
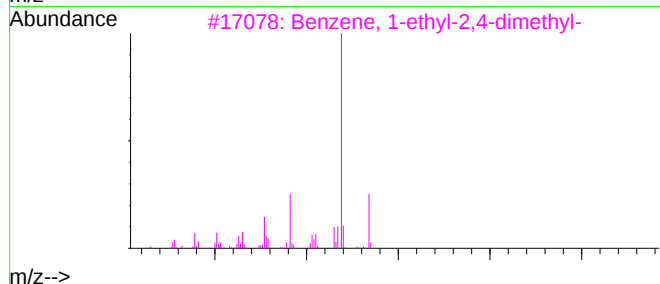
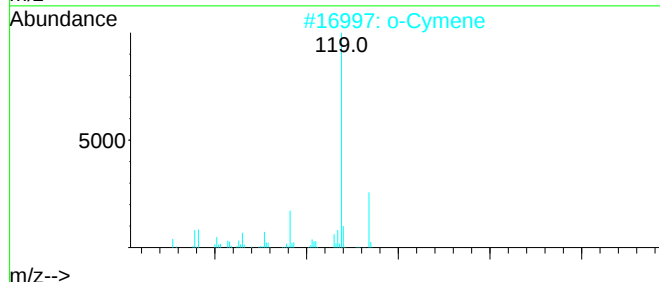
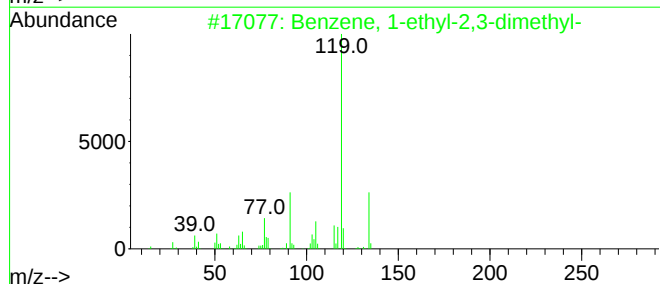
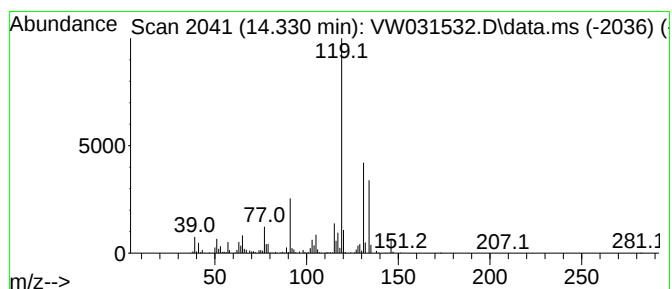
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 26 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	4.04 ug/L	2102640	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

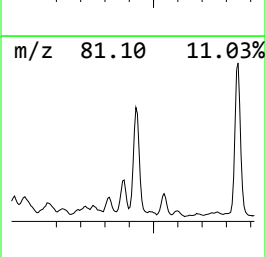
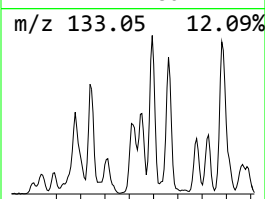
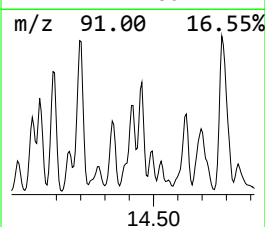
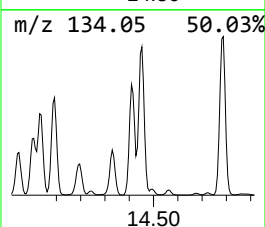
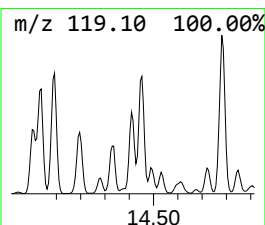
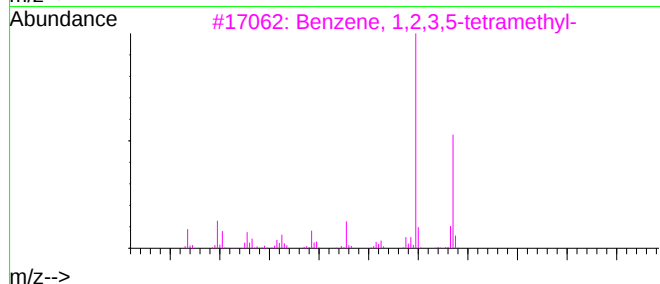
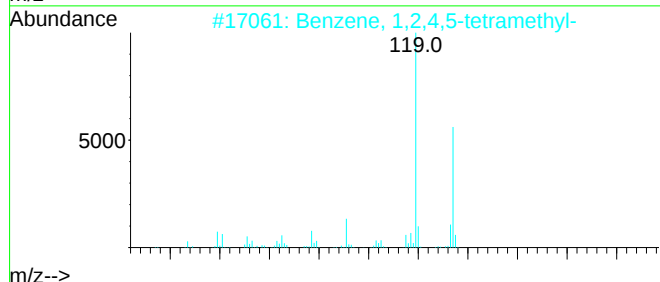
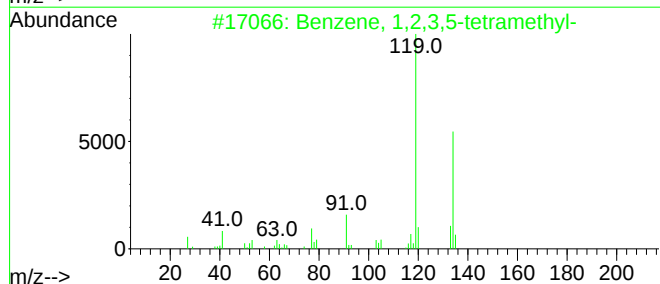
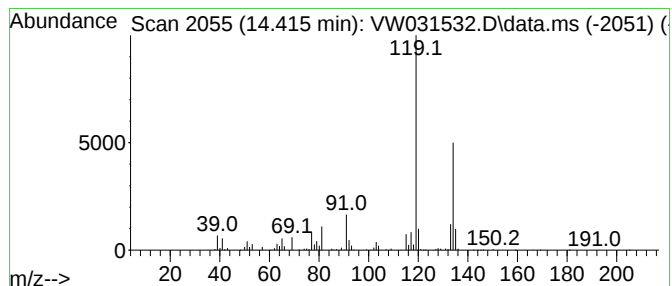
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	3.85 ug/L	2002400	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

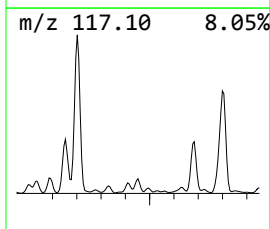
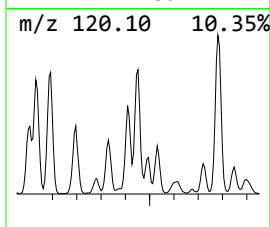
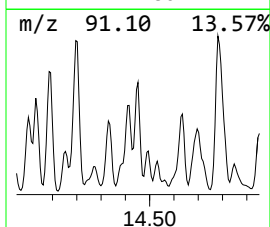
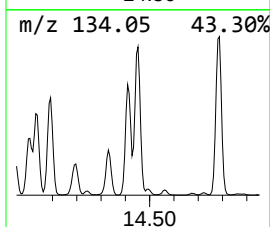
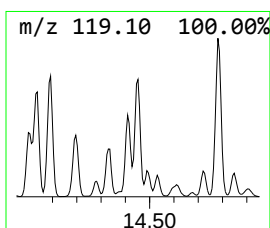
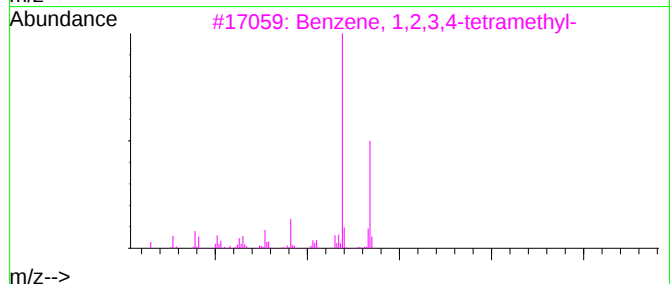
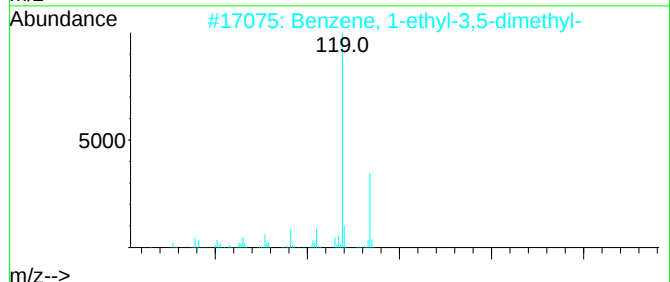
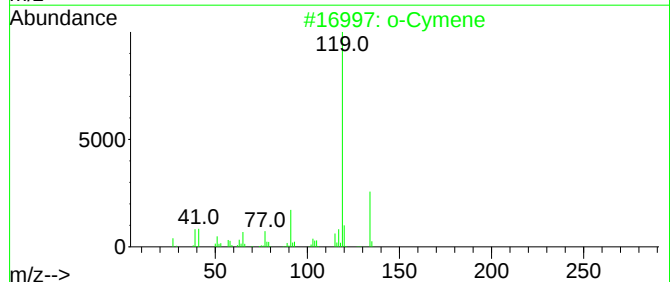
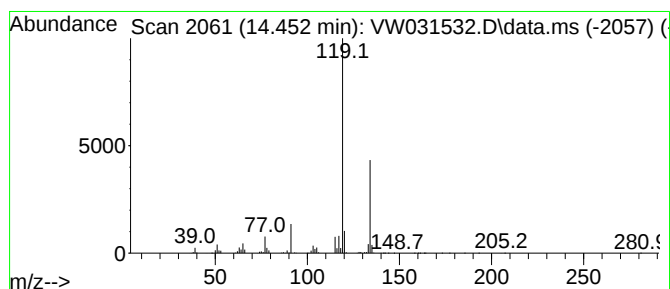
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.452	6.16 ug/L	3203930	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	94
3	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	91
5	o-Cymene		134	C10H14	000527-84-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

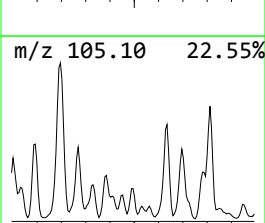
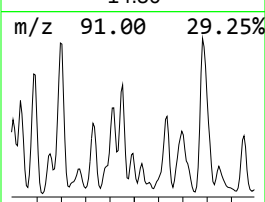
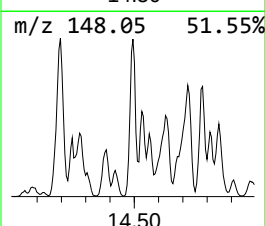
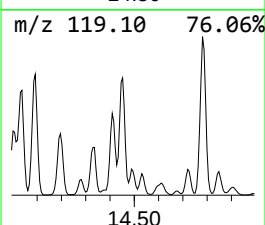
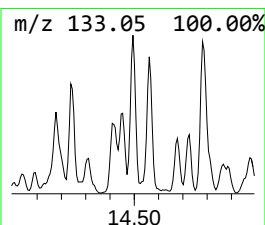
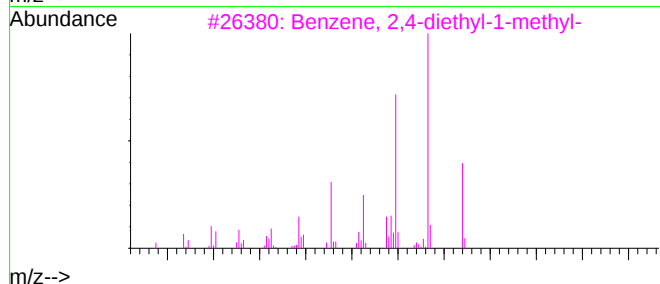
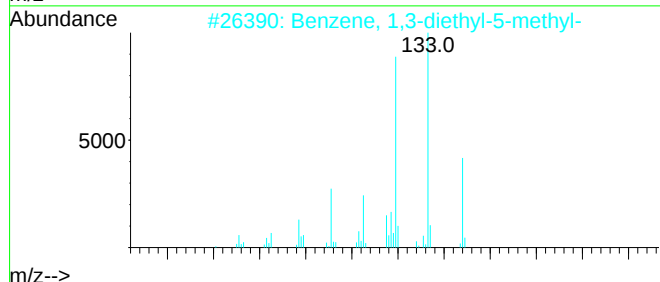
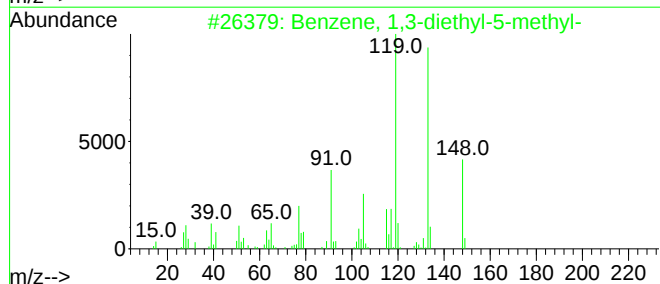
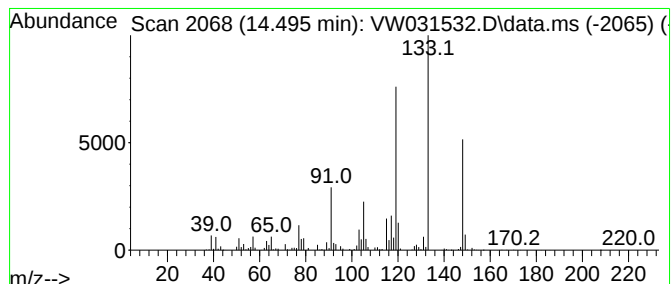
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 29 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.495	1.45 ug/L	755647	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

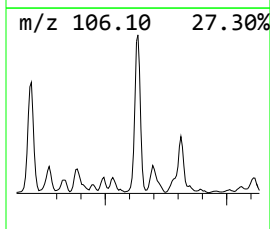
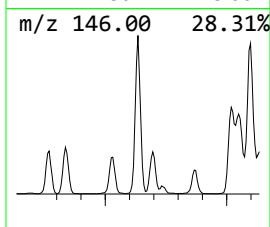
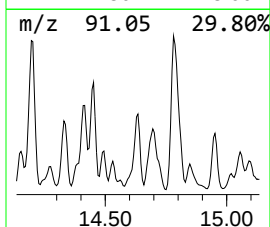
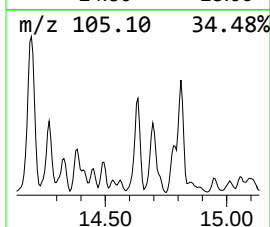
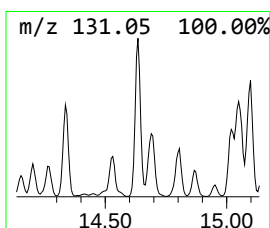
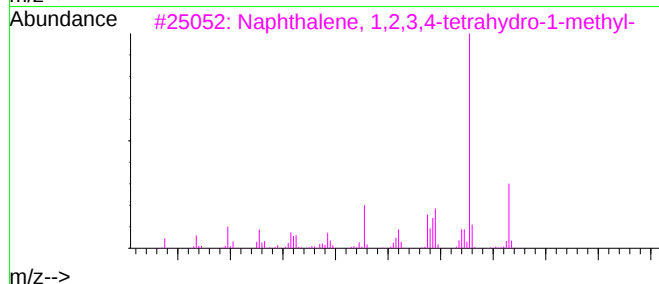
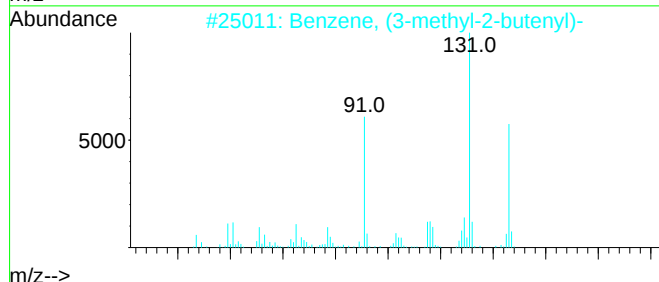
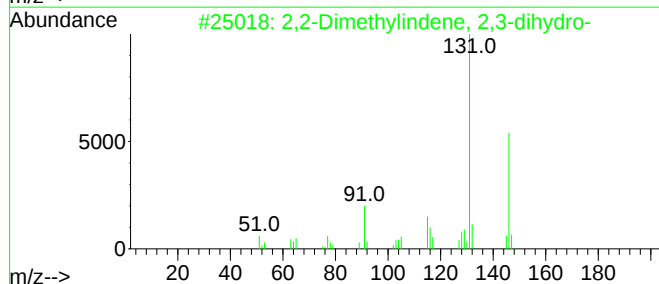
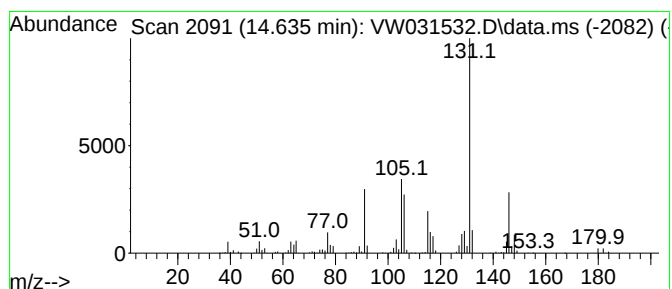
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 31 2,2-Dimethylindene, 2,3-dih... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	3.98 ug/L	2068800	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

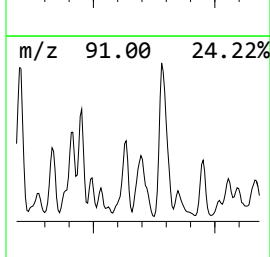
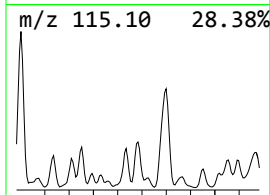
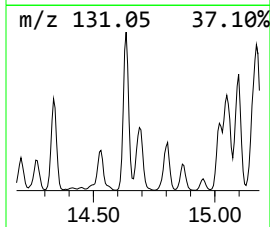
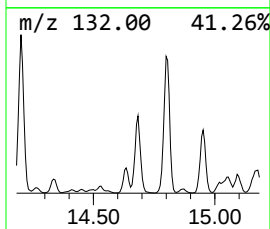
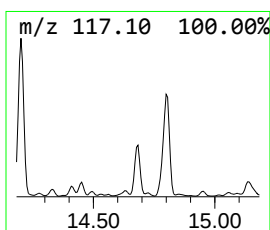
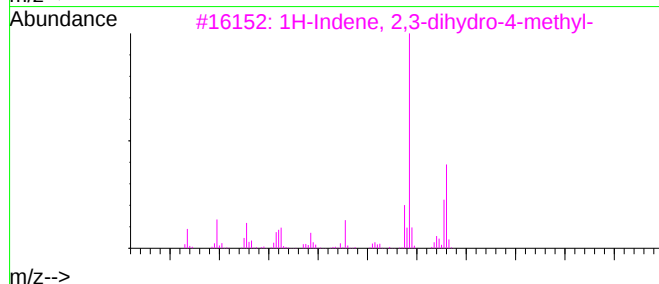
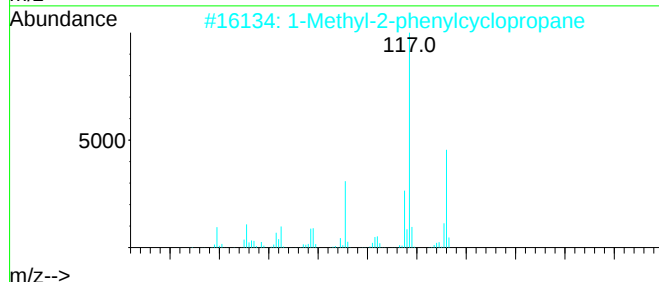
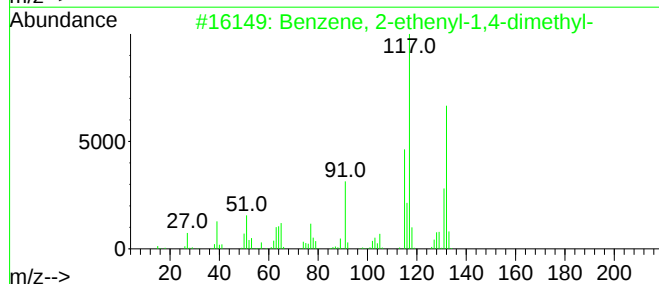
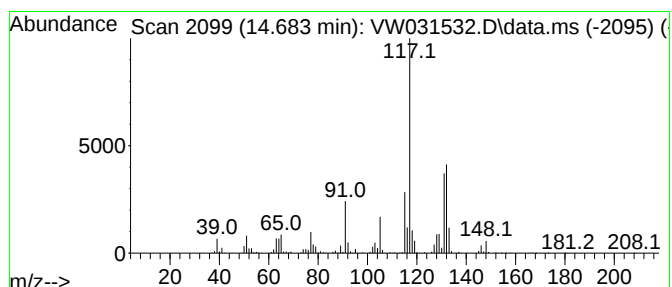
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 32 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	3.72 ug/L	1934380	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

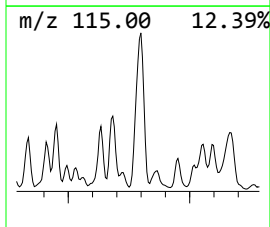
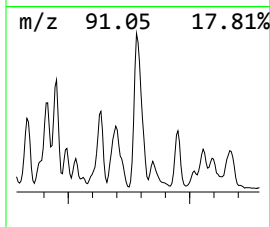
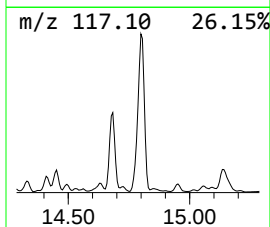
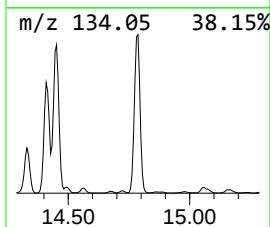
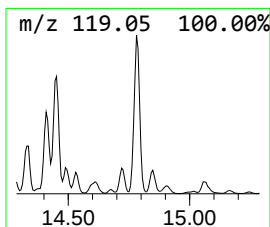
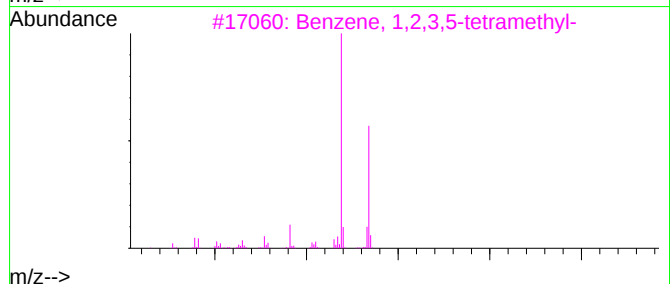
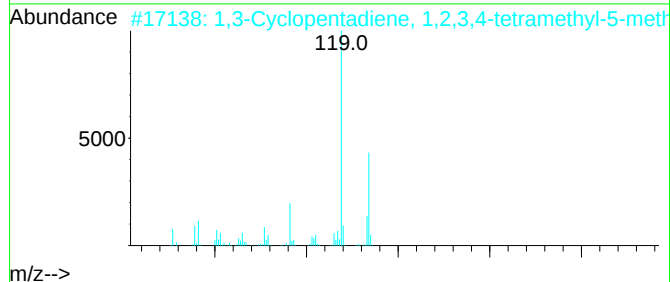
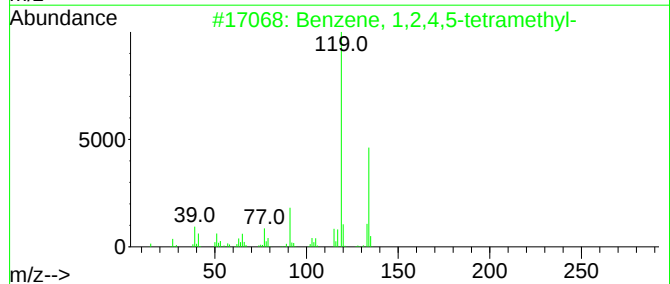
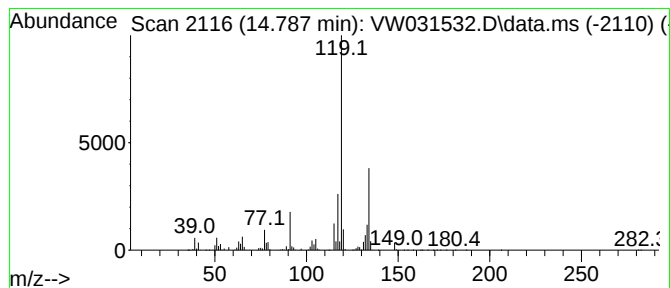
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	15.04 ug/L	7819790	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	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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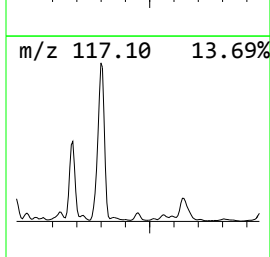
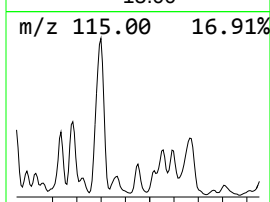
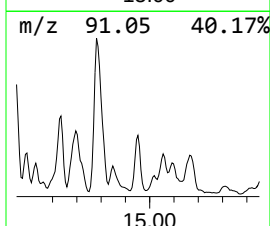
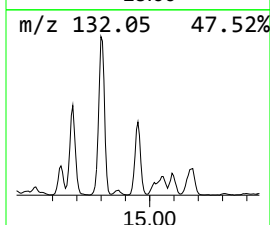
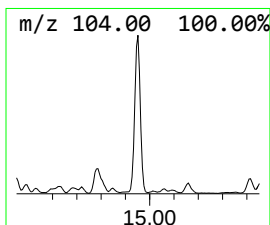
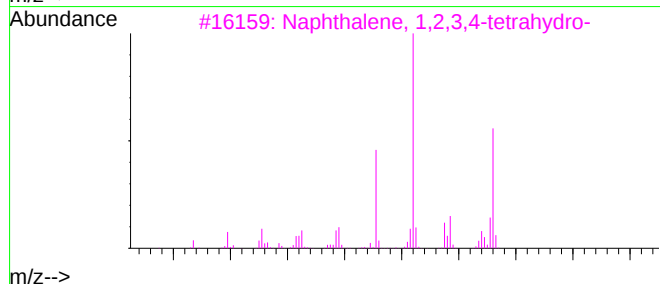
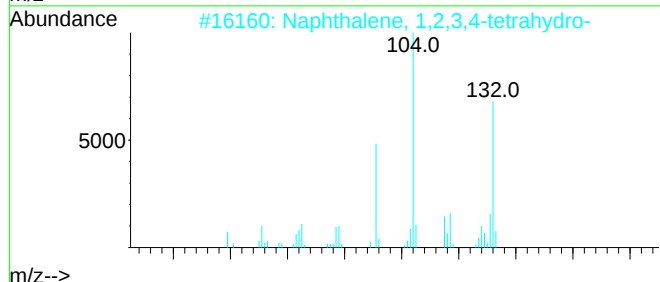
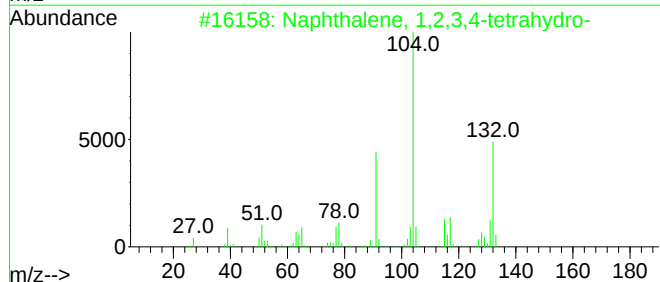
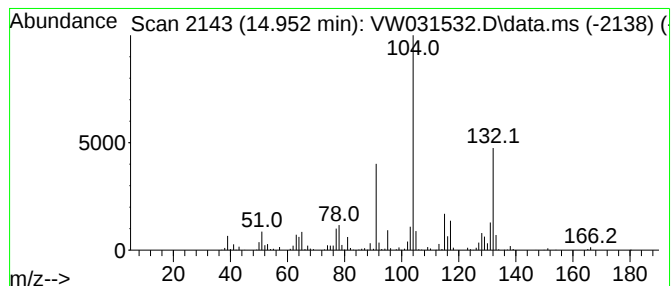
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 35 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	2.10 ug/L	1091070	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

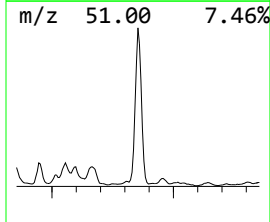
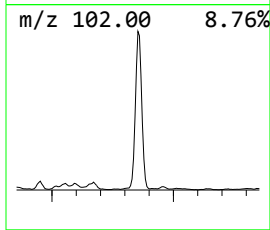
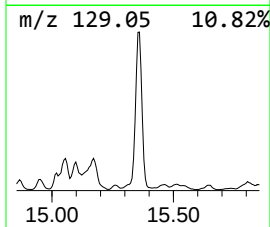
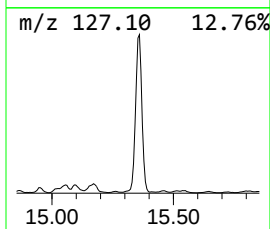
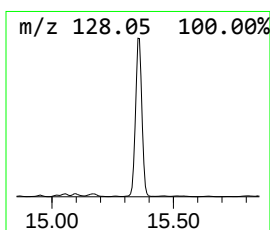
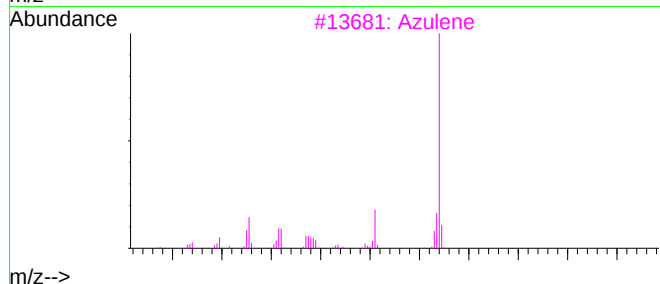
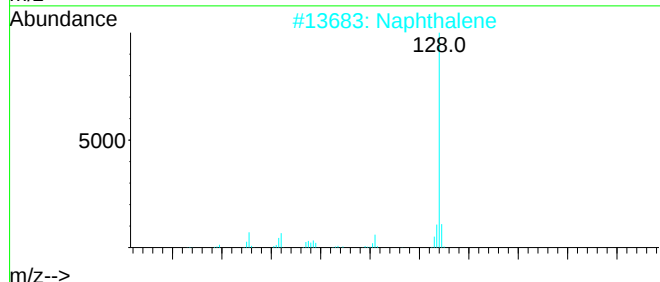
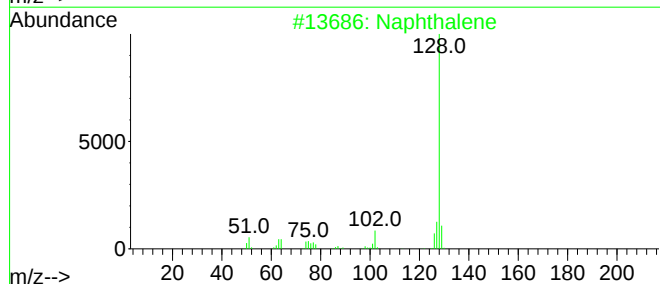
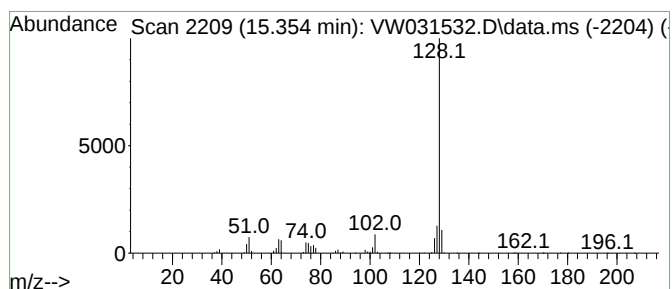
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 37 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.354	11.13 ug/L	5784370	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	93
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

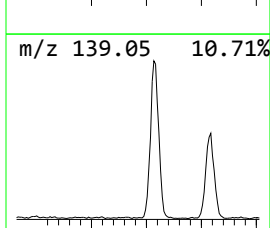
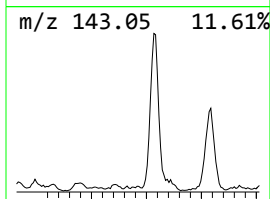
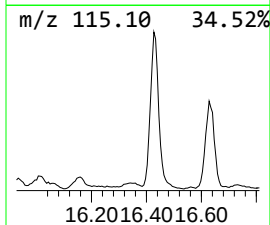
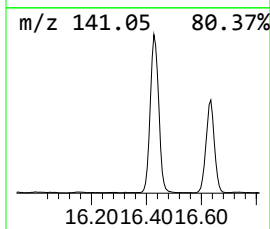
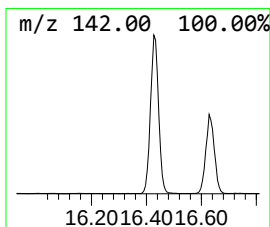
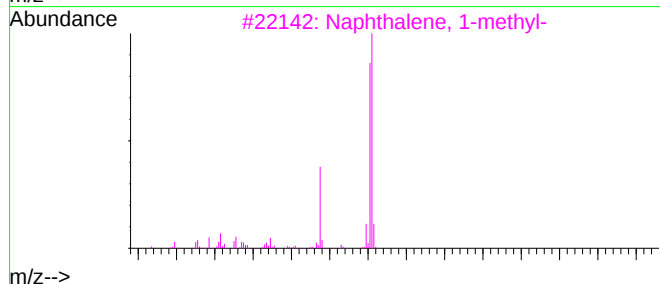
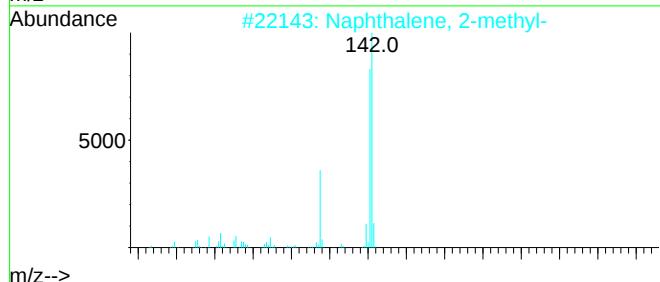
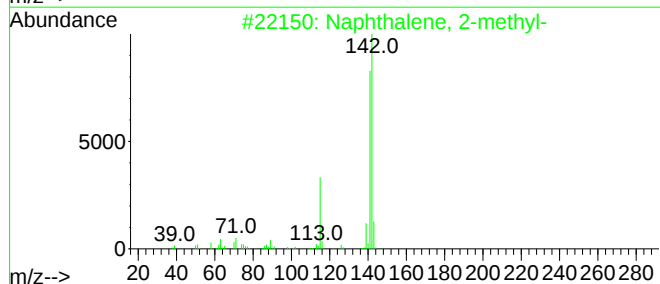
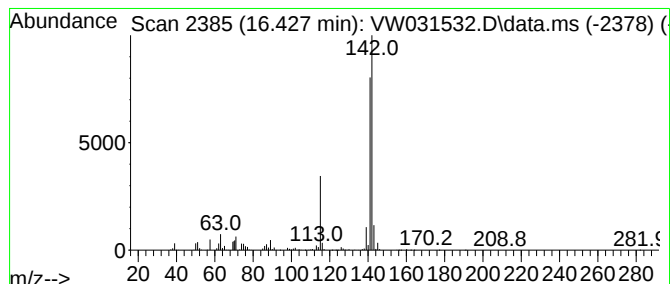
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 40 Naphthalene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.427	3.81 ug/L	1983030	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, 2-methyl-		142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

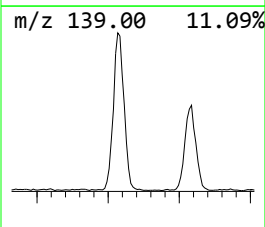
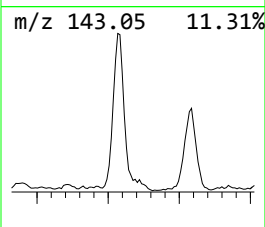
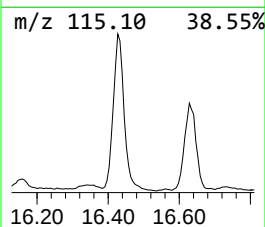
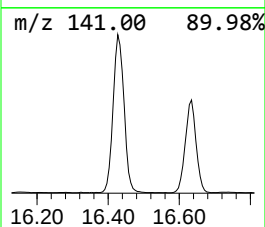
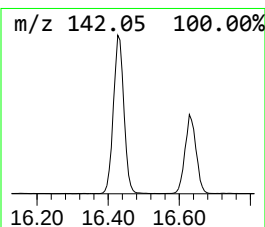
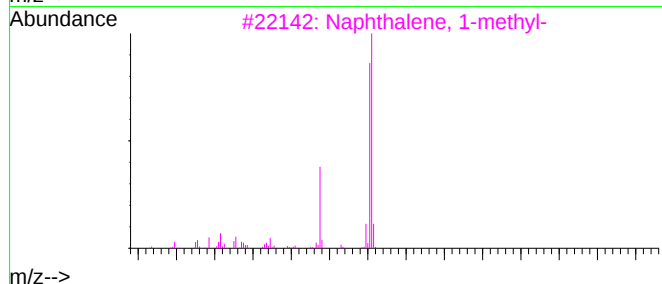
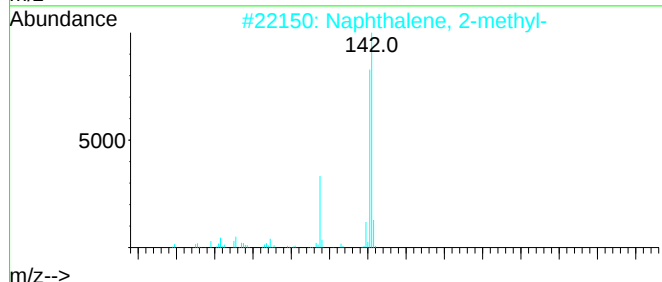
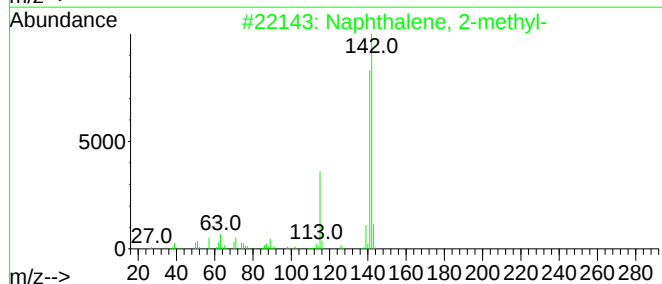
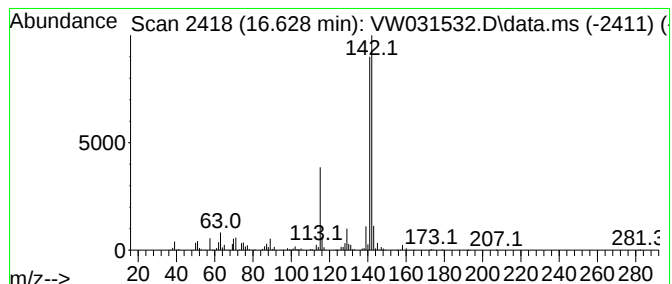
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 41 Naphthalene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.628	2.54 ug/L	1322580	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	91
5	Benzocycloheptatriene		142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
Acq On : 26 Dec 2024 16:36
Operator : SY/MD
Sample : P5378-07
Misc : 5.64g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE685

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	11.227	2.2	ug/L	241720	2	11.629	2747130	25.0
(DEL) Alkane: C...	11.428	2.2	ug/L	239858	2	11.629	2747130	25.0
(DEL) Alkane: S...	12.245	3.7	ug/L	405805	2	11.629	2747130	25.0
(DEL) Alkane: C...	12.300	1.7	ug/L	188378	2	11.629	2747130	25.0
Benzene, 1-ethy...	12.861	7.2	ug/L	3725430	3	13.556	12996300	25.0
Benzene, 1-ethy...	13.098	4.7	ug/L	2439290	3	13.556	12996300	25.0
p-Cymene	13.440	6.3	ug/L	3301520	3	13.556	12996300	25.0
Benzene, 1,3-di...	13.714	2.8	ug/L	1457160	3	13.556	12996300	25.0
Benzene, 1,4-di...	13.787	7.9	ug/L	4128780	3	13.556	12996300	25.0
Benzene, 1-meth...	13.940	3.0	ug/L	1554060	3	13.556	12996300	25.0
Benzene, 4-ethy...	14.001	4.6	ug/L	2403980	3	13.556	12996300	25.0
o-Cymene	14.031	4.3	ug/L	2229780	3	13.556	12996300	25.0
Benzene, 2-ethy...	14.092	6.7	ug/L	3463340	3	13.556	12996300	25.0
(E)-1-Phenyl-1-...	14.153	2.4	ug/L	1255660	3	13.556	12996300	25.0
Benzene, 1-ethy...	14.330	4.0	ug/L	2102640	3	13.556	12996300	25.0
Benzene, 1,2,3,...	14.415	3.9	ug/L	2002400	3	13.556	12996300	25.0
Benzene, 1-ethy...	14.452	6.2	ug/L	3203930	3	13.556	12996300	25.0
Benzene, 1,3-di...	14.495	1.5	ug/L	755647	3	13.556	12996300	25.0
2,2-Dimethylind...	14.635	4.0	ug/L	2068800	3	13.556	12996300	25.0
Benzene, 2-ethe...	14.684	3.7	ug/L	1934380	3	13.556	12996300	25.0
Benzene, 1,2,4,...	14.787	15.0	ug/L	7819790	3	13.556	12996300	25.0
Naphthalene, 1,...	14.952	2.1	ug/L	1091070	3	13.556	12996300	25.0
Azulene	15.354	11.1	ug/L	5784370	3	13.556	12996300	25.0
Naphthalene, 2-...	16.427	3.8	ug/L	1983030	3	13.556	12996300	25.0
Naphthalene, 1-...	16.628	2.5	ug/L	1322580	3	13.556	12996300	25.0