

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031509.D
 Acq On : 23 Dec 2024 15:59
 Operator : SY/MD
 Sample : P5322-17
 Misc : 6.46g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE631

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: VW031509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	67	77	91	rBV	232037	465103	2.15%	0.225%
2	2.515	98	103	113	rBV3	10272	29669	0.14%	0.014%
3	2.899	158	166	184	rBV	149579	402726	1.86%	0.195%
4	4.021	339	350	363	rVV	408463	1085906	5.01%	0.525%
5	4.179	366	376	393	rVV2	20875	96113	0.44%	0.046%
6	7.100	847	855	861	rBV	49149	159416	0.74%	0.077%
7	7.648	933	945	961	rVB	473356	1176417	5.43%	0.569%
8	8.276	1035	1048	1068	rBV2	980627	2924687	13.49%	1.414%
9	8.837	1132	1140	1156	rBV	1108522	2209261	10.19%	1.068%
10	9.087	1171	1181	1188	rBV5	14450	37632	0.17%	0.018%
11	9.270	1200	1211	1219	rBV	642424	1332368	6.15%	0.644%
12	9.752	1284	1290	1297	rVB3	15391	33367	0.15%	0.016%
13	10.032	1329	1336	1343	rVV	351375	616819	2.85%	0.298%
14	10.087	1343	1345	1358	rVB3	17153	39812	0.18%	0.019%
15	10.209	1358	1365	1376	rBV	74747	160018	0.74%	0.077%
16	10.319	1376	1383	1389	rBV	1462646	2654843	12.25%	1.283%
17	10.386	1389	1394	1401	rVV	546134	965869	4.46%	0.467%
18	10.501	1407	1413	1419	rVB3	115018	206088	0.95%	0.100%
19	10.575	1419	1425	1431	rBV	206018	368893	1.70%	0.178%
20	10.666	1435	1440	1443	rVV2	46796	82816	0.38%	0.040%
21	10.696	1443	1445	1450	rVB	30494	43920	0.20%	0.021%
22	10.757	1450	1455	1459	rBV3	24668	44688	0.21%	0.022%
23	10.928	1474	1483	1490	rBV2	263093	496939	2.29%	0.240%
24	11.032	1495	1500	1502	rBV2	20294	33583	0.15%	0.016%
25	11.105	1509	1512	1515	rVB2	27890	32960	0.15%	0.016%
26	11.178	1515	1524	1527	rBV	130424	242186	1.12%	0.117%
27	11.227	1527	1532	1538	rVB	373894	645327	2.98%	0.312%
28	11.282	1538	1541	1544	rVB	30491	35415	0.16%	0.017%
29	11.331	1544	1549	1554	rBV2	154151	265682	1.23%	0.128%
30	11.428	1554	1565	1573	rVB4	226764	664712	3.07%	0.321%
31	11.507	1573	1578	1583	rBV	160554	262255	1.21%	0.127%
32	11.556	1583	1586	1591	rBV5	21790	39980	0.18%	0.019%
33	11.629	1591	1598	1607	rBV	1549349	2735563	12.62%	1.322%
34	11.727	1607	1614	1623	rBV	1740376	3134375	14.46%	1.515%
35	11.830	1623	1631	1641	rBV	6570710	12827288	59.18%	6.199%
36	11.910	1641	1644	1649	rVB4	333886	580341	2.68%	0.280%

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

37	11.971	1649	1654	1660	rBV2	204857	359420	1.66%	0.174%
38	12.044	1660	1666	1673	rVB5	108942	291153	1.34%	0.141%
39	12.160	1673	1685	1692	rBV	3551515	7468353	34.46%	3.609%
40	12.245	1692	1699	1703	rVB2	557212	1026541	4.74%	0.496%
41	12.300	1703	1708	1709	rBV2	283976	415642	1.92%	0.201%
42	12.336	1709	1714	1719	rBV2	1335858	2940033	13.56%	1.421%
43	12.464	1729	1735	1739	rBV4	721007	1336203	6.16%	0.646%
44	12.538	1744	1747	1749	rBV	190902	224123	1.03%	0.108%
45	12.562	1749	1751	1755	rVB	554016	633538	2.92%	0.306%
46	12.611	1755	1759	1762	rBV3	223053	346430	1.60%	0.167%
47	12.647	1762	1765	1767	rBV	189875	201589	0.93%	0.097%
48	12.690	1767	1772	1777	rBV2	954325	1648568	7.61%	0.797%
49	12.775	1781	1786	1794	rVB3	2123673	4811546	22.20%	2.325%
50	12.861	1794	1800	1804	rBV	3882117	7194333	33.19%	3.477%
51	12.934	1804	1812	1820	rVB4	5961409	14585986	67.29%	7.049%
52	13.038	1825	1829	1831	rBV6	131186	211956	0.98%	0.102%
53	13.098	1831	1839	1845	rBV	1840849	3734128	17.23%	1.805%
54	13.159	1845	1849	1858	rVB3	1361840	2928124	13.51%	1.415%
55	13.245	1858	1863	1873	rBV	12932281	21675375	100.00%	10.476%
56	13.373	1880	1884	1888	rVB3	650487	898884	4.15%	0.434%
57	13.440	1889	1895	1899	rVV4	2021458	4246283	19.59%	2.052%
58	13.489	1900	1903	1909	rVB	2082048	3498172	16.14%	1.691%
59	13.580	1909	1918	1929	rVB2	6888167	13792539	63.63%	6.666%
60	13.714	1930	1940	1941	rBV4	804204	2138309	9.87%	1.033%
61	13.745	1941	1945	1949	rVV2	2671736	4854482	22.40%	2.346%
62	13.787	1949	1952	1959	rVV4	2162075	4609388	21.27%	2.228%
63	13.867	1959	1965	1971	rVB4	3882141	7778162	35.88%	3.759%
64	13.946	1973	1978	1982	rVV	864879	1322640	6.10%	0.639%
65	14.001	1983	1987	1990	rVV	1455123	2489593	11.49%	1.203%
66	14.037	1990	1993	1997	rVV	1694049	2358456	10.88%	1.140%
67	14.092	1997	2002	2007	rVB	2097926	3235108	14.93%	1.564%
68	14.153	2008	2012	2015	rBV	704574	1046132	4.83%	0.506%
69	14.202	2015	2020	2025	rVB2	2819954	4803735	22.16%	2.322%
70	14.330	2036	2041	2045	rBV2	1108058	1943786	8.97%	0.939%
71	14.379	2045	2049	2051	rVV2	849258	1220471	5.63%	0.590%
72	14.415	2051	2055	2058	rVV	1575825	2741694	12.65%	1.325%
73	14.452	2058	2061	2065	rVB	2059389	2716995	12.53%	1.313%
74	14.495	2065	2068	2071	rVB	700297	839353	3.87%	0.406%
75	14.537	2071	2075	2082	rVB3	840993	1537008	7.09%	0.743%
76	14.598	2082	2085	2086	rBV2	161213	190046	0.88%	0.092%

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77	14.635	2086	2091	2095	rVB2	1100691	1630153	7.52%	0.788%
78	14.684	2095	2099	2103	rBV2	847615	1776986	8.20%	0.859%
79	14.787	2110	2116	2123	rBV3	3064154	6940156	32.02%	3.354%
80	14.848	2123	2126	2138	rVB3	773767	1492359	6.89%	0.721%
81	14.952	2138	2143	2148	rBV	535121	826101	3.81%	0.399%
82	15.019	2149	2154	2156	rBV2	306594	487459	2.25%	0.236%
83	15.062	2156	2161	2165	rBV3	995460	1834781	8.46%	0.887%
84	15.165	2173	2178	2184	rVB3	713926	1599566	7.38%	0.773%
85	15.244	2188	2191	2197	rVB6	187428	369344	1.70%	0.179%
86	15.312	2197	2202	2204	rBV2	281435	444700	2.05%	0.215%
87	15.360	2204	2210	2217	rVB	3586039	6395128	29.50%	3.091%
88	15.458	2221	2226	2231	rBV3	259008	427034	1.97%	0.206%
89	15.543	2237	2240	2249	rVB3	351786	686223	3.17%	0.332%
90	15.647	2249	2257	2263	rBV4	151170	373905	1.73%	0.181%
91	15.720	2264	2269	2274	rBV4	106753	233155	1.08%	0.113%
92	15.805	2278	2283	2287	rVV5	139182	333846	1.54%	0.161%
93	15.854	2288	2291	2300	rVV4	110507	210613	0.97%	0.102%
94	15.939	2301	2305	2309	rVV4	93076	150691	0.70%	0.073%
95	16.000	2310	2315	2322	rVV6	64283	182825	0.84%	0.088%
96	16.153	2332	2340	2346	rBV7	112658	350793	1.62%	0.170%
97	16.269	2356	2359	2365	rVB2	79219	139850	0.65%	0.068%
98	16.427	2378	2385	2391	rBV	716198	1573427	7.26%	0.760%
99	16.628	2411	2418	2429	rVB	387374	938557	4.33%	0.454%
100	16.732	2431	2435	2444	rVB3	36839	84398	0.39%	0.041%

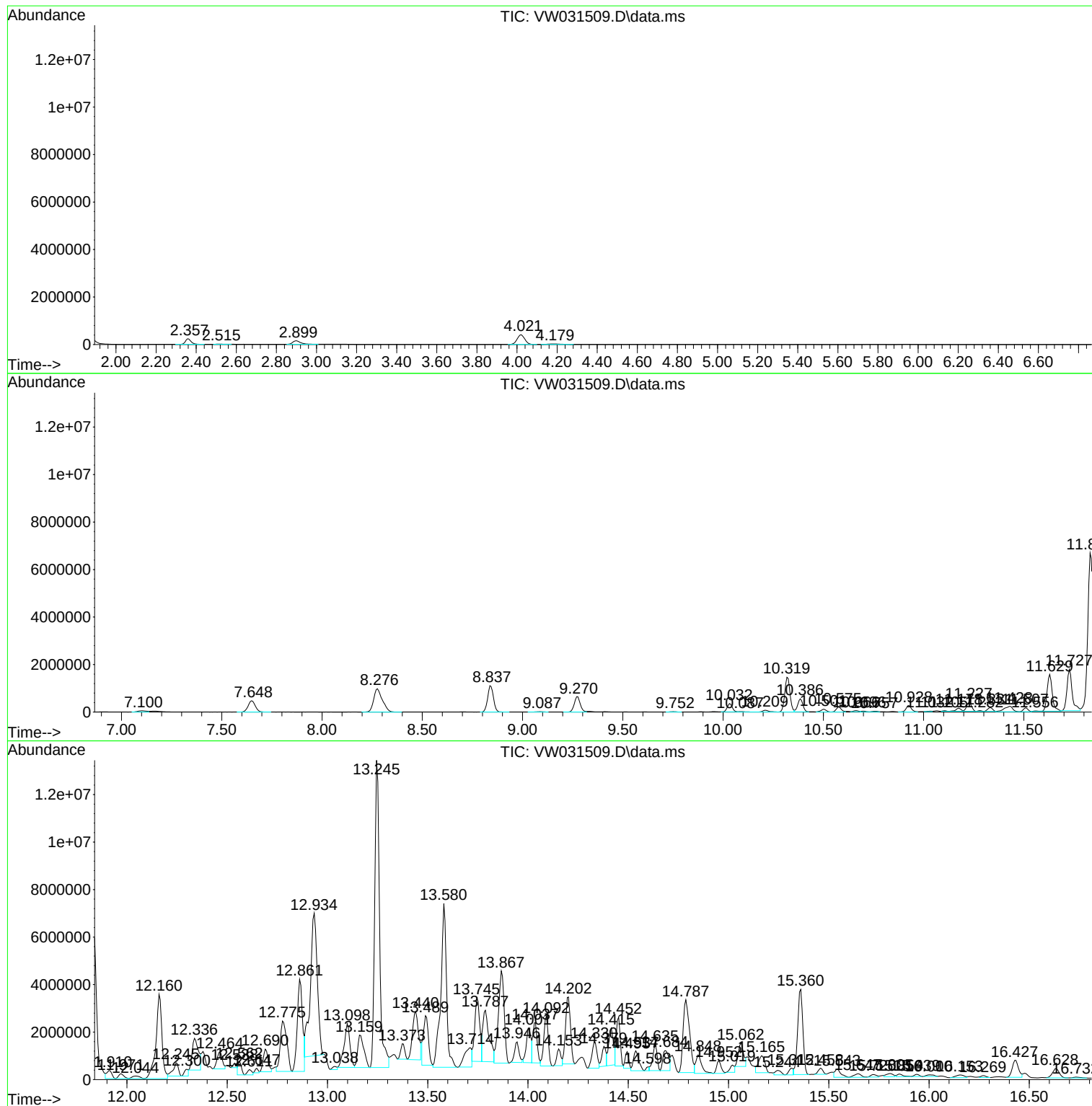
Sum of corrected areas: 206909364

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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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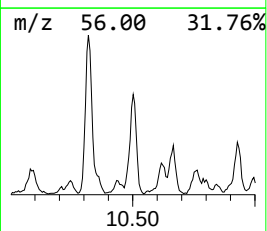
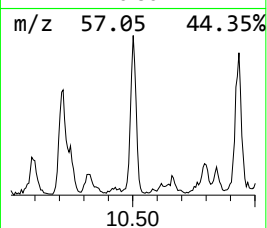
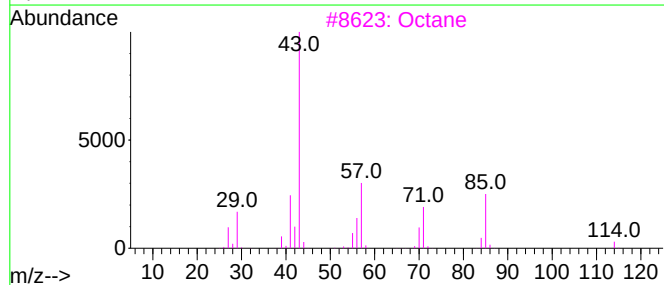
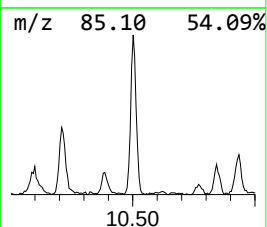
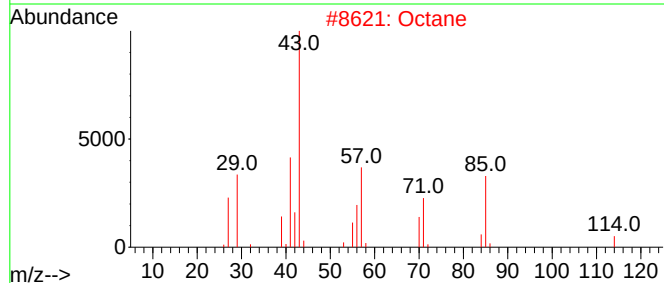
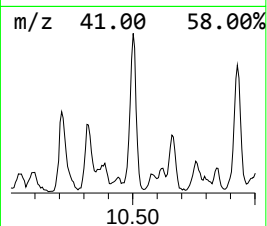
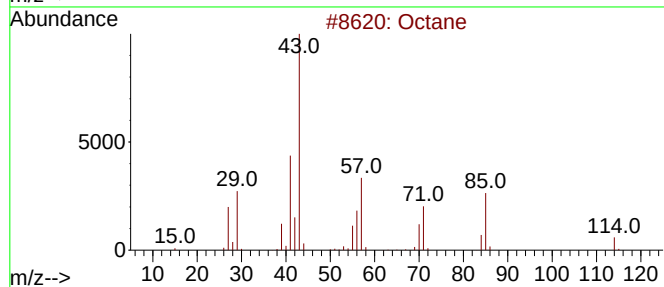
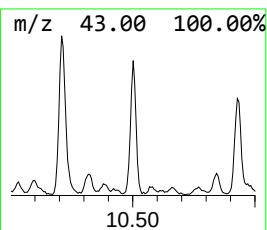
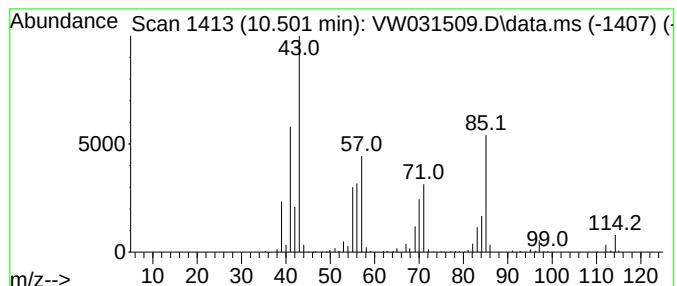
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Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.501	1.88 ug/L	206088	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	87
2	Octane			114	C8H18	000111-65-9	74
3	Octane			114	C8H18	000111-65-9	72
4	Hexane, 3-ethyl-			114	C8H18	000619-99-8	64
5	Octane			114	C8H18	000111-65-9	64



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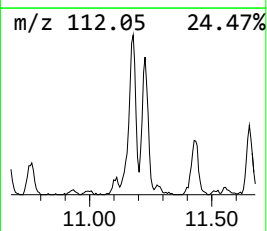
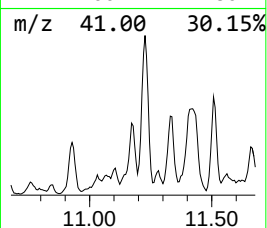
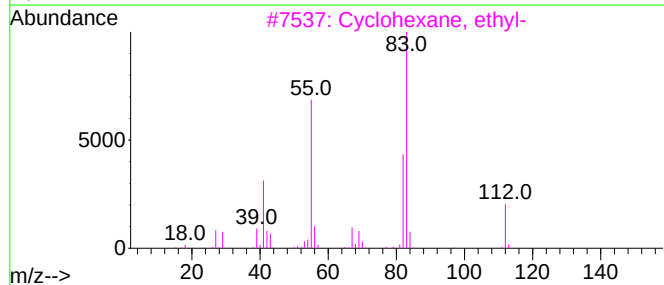
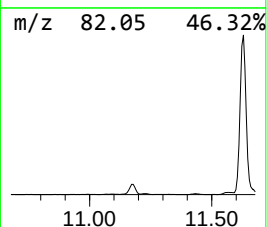
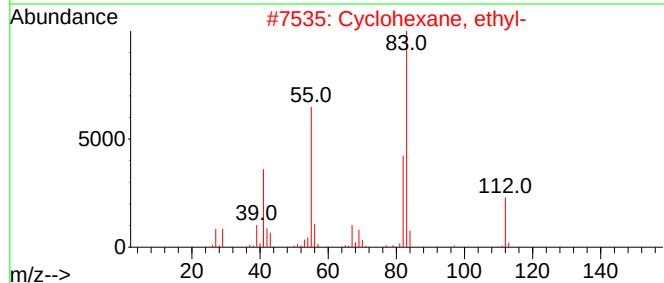
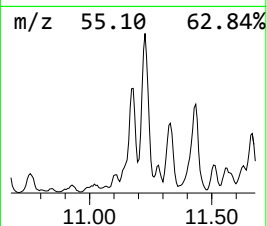
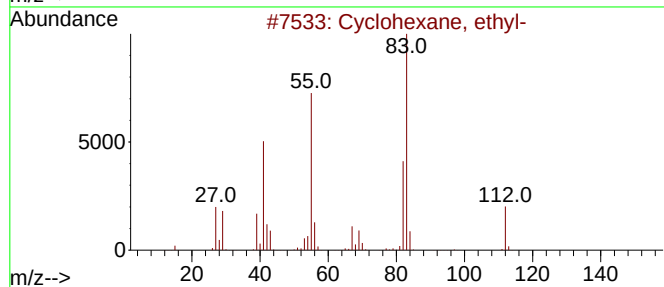
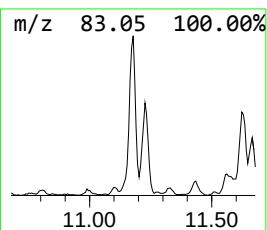
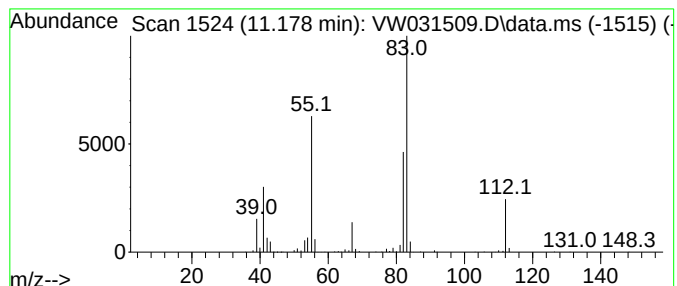
Instrument :
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.178 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.178	2.21 ug/L	242186	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-		112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-		112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-		112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-		112	C8H16	001678-91-7	64
5	trans-3,4-Dimethyl-2-hexene		112	C8H16	019550-82-4	53



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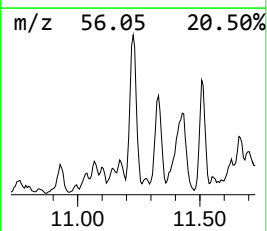
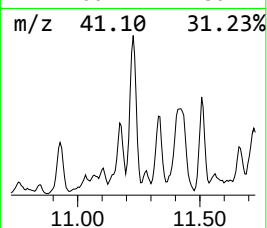
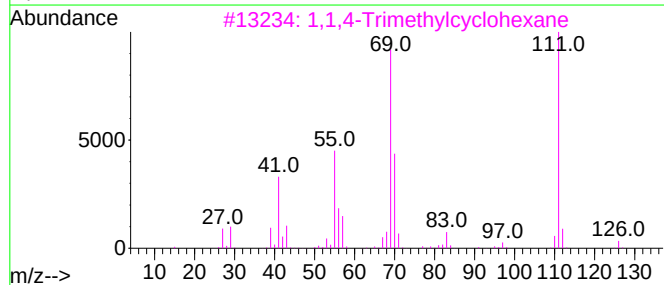
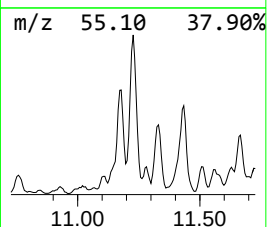
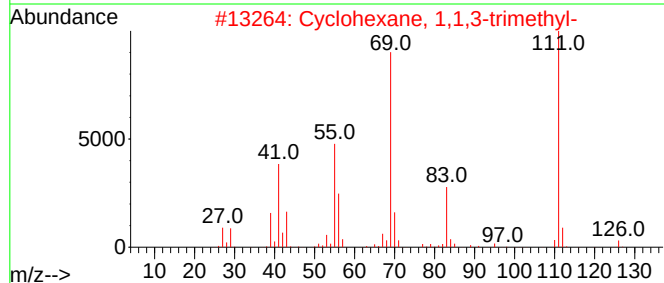
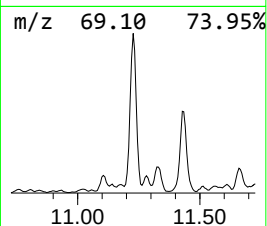
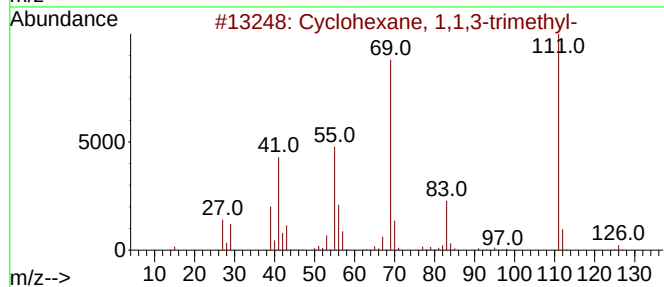
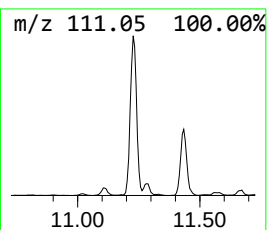
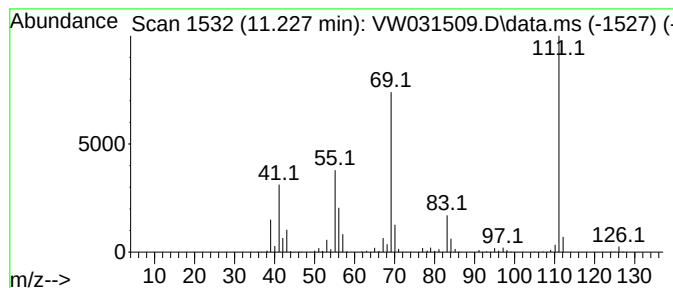
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic11.227 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	5.90 ug/L	645327	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	81
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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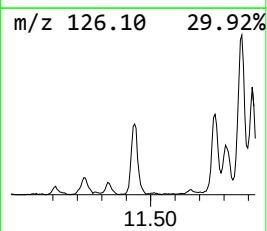
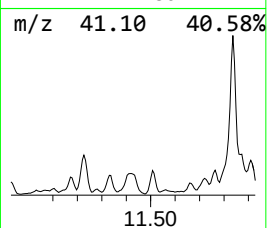
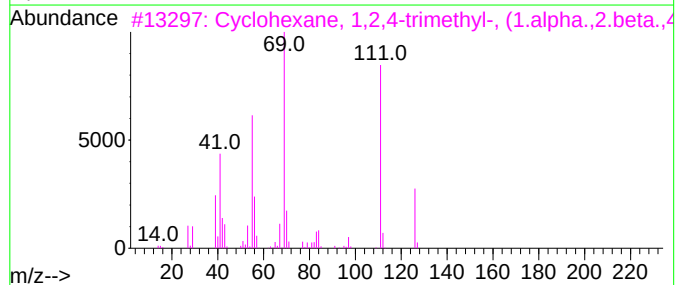
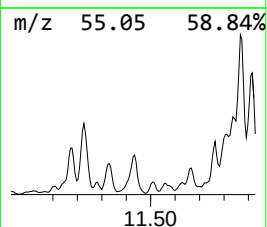
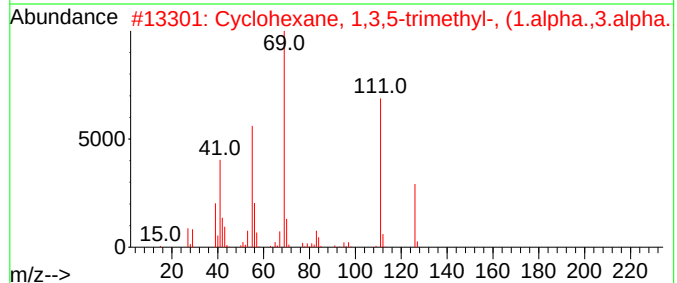
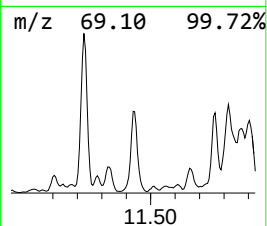
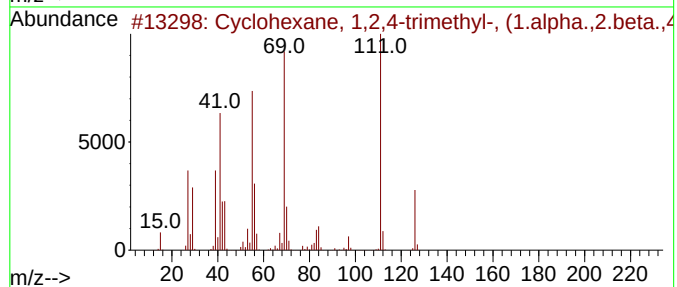
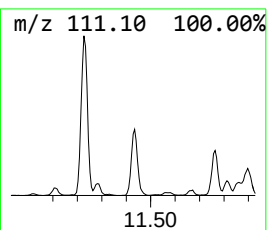
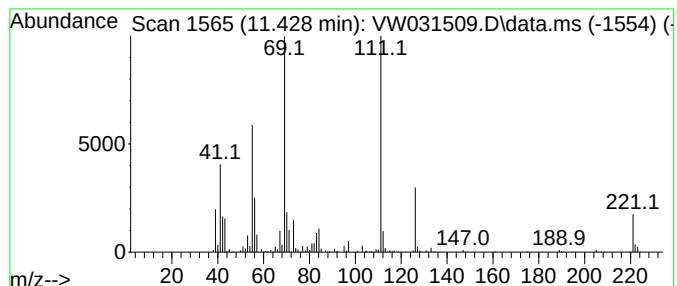
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.428 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.428	6.07 ug/L	664712	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	96
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	94
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	87
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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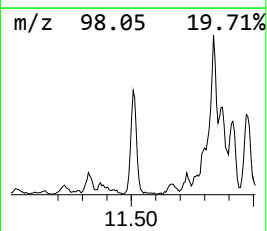
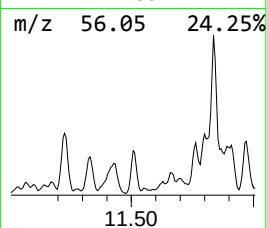
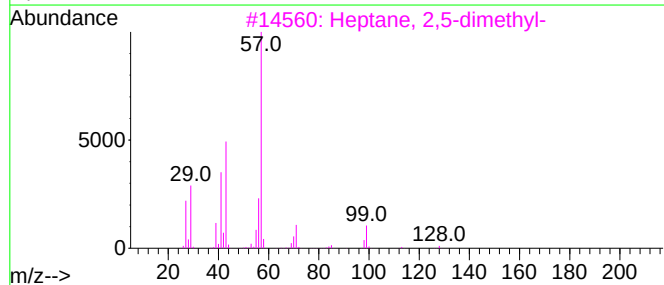
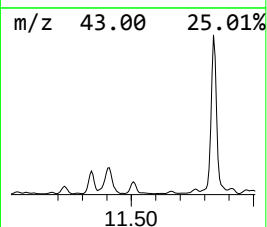
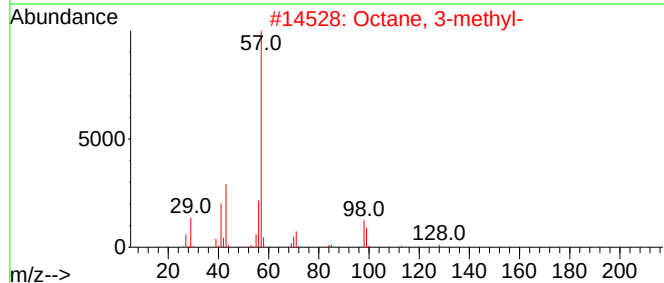
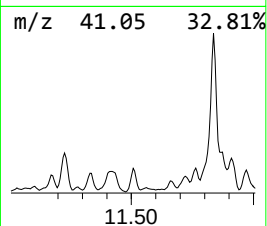
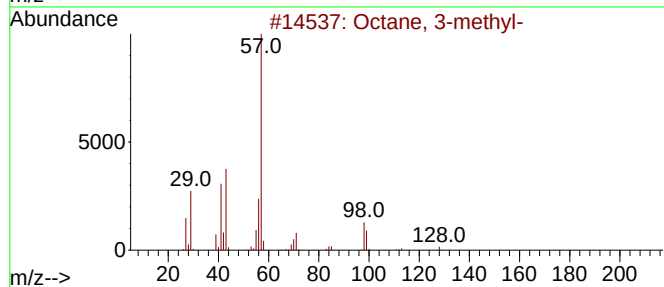
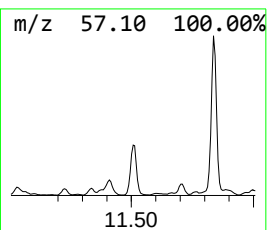
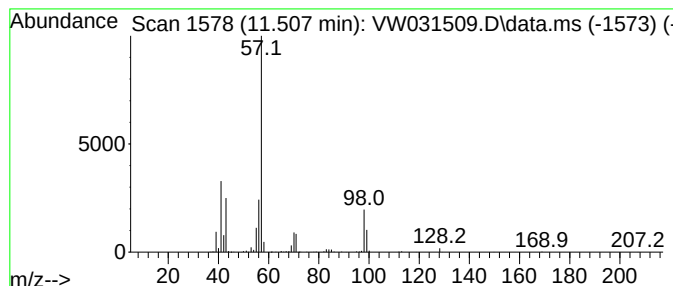
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.507	2.40 ug/L	262255	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-			128	C9H20	002216-33-3	91
2	Octane, 3-methyl-			128	C9H20	002216-33-3	83
3	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	81
4	Heptane, 2,5-dimethyl-			128	C9H20	002216-30-0	76
5	Octane, 3-methyl-			128	C9H20	002216-33-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

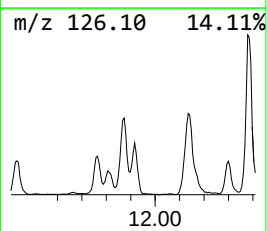
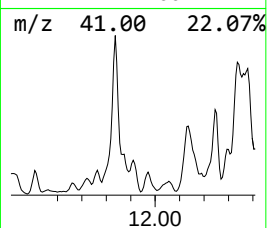
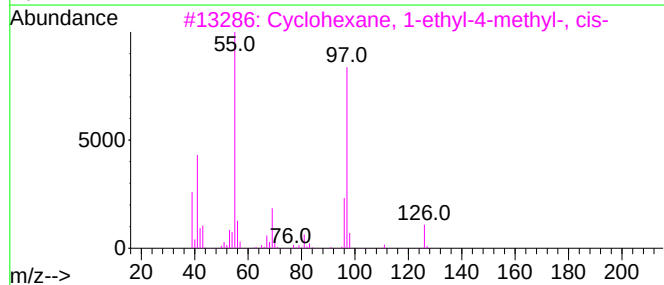
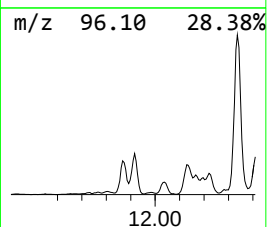
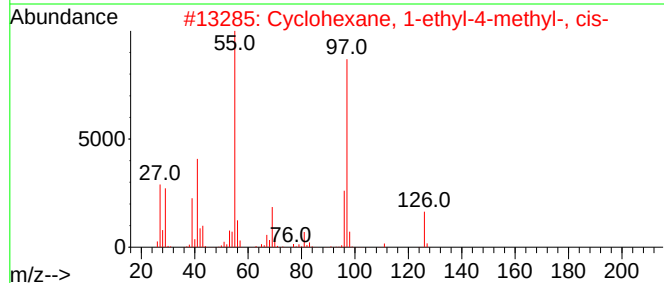
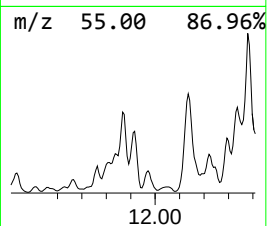
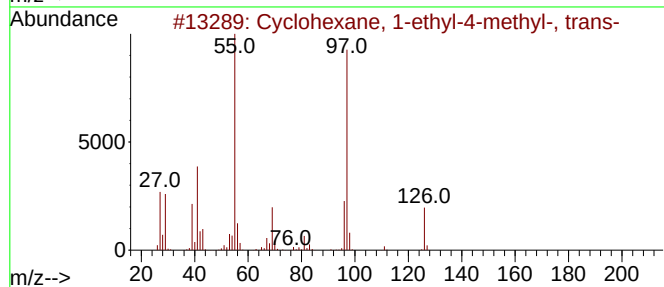
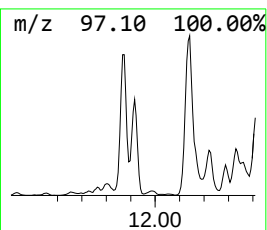
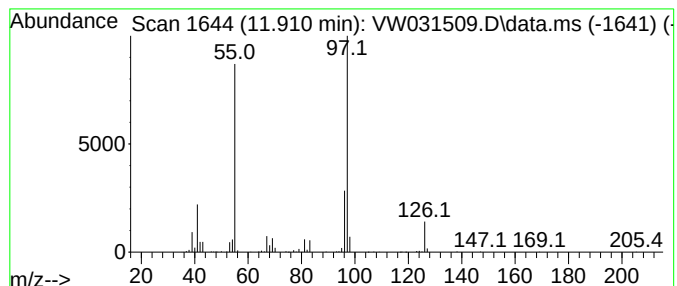
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic11.910 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.910	5.30 ug/L	580341	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
5	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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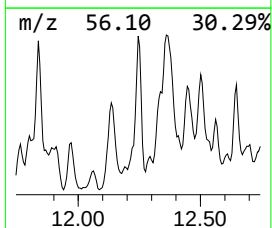
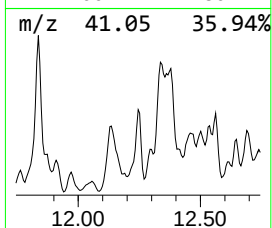
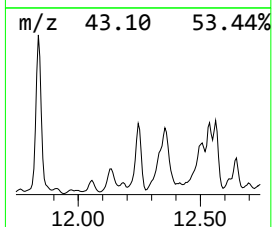
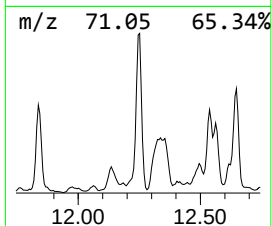
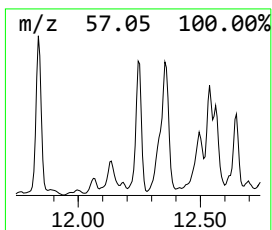
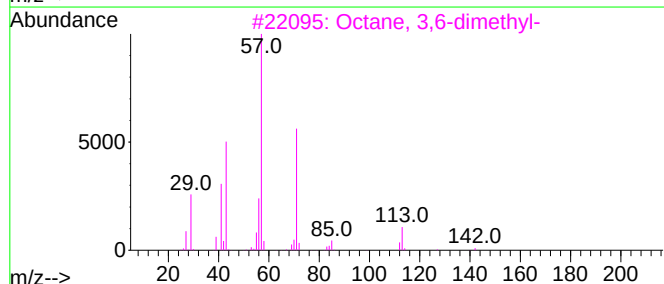
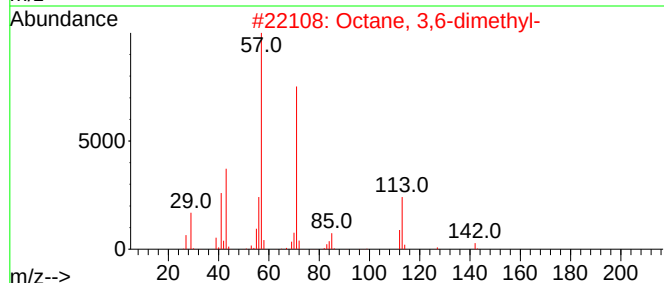
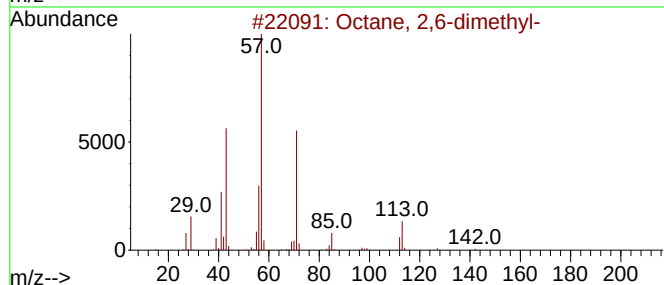
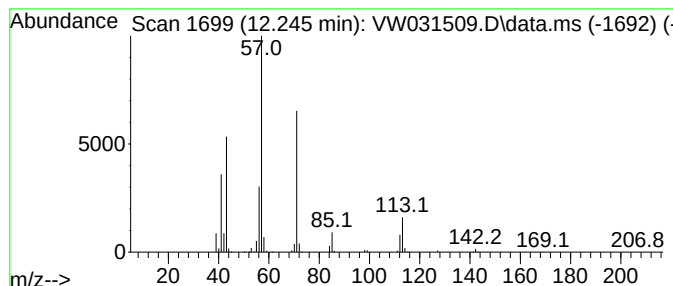
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	9.38 ug/L	1026540	Chlorobenzene-d5	11.629

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
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Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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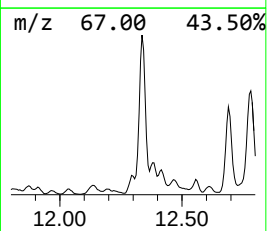
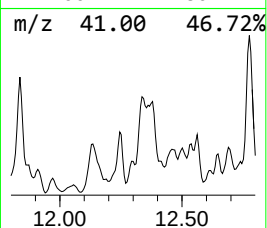
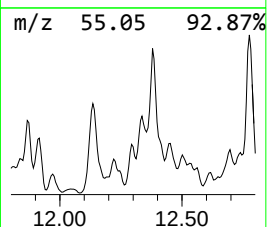
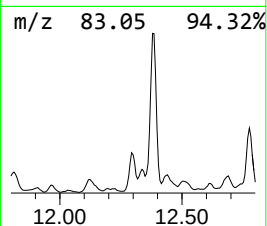
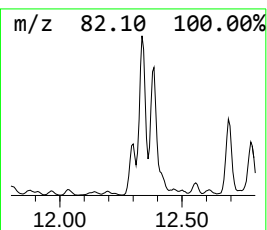
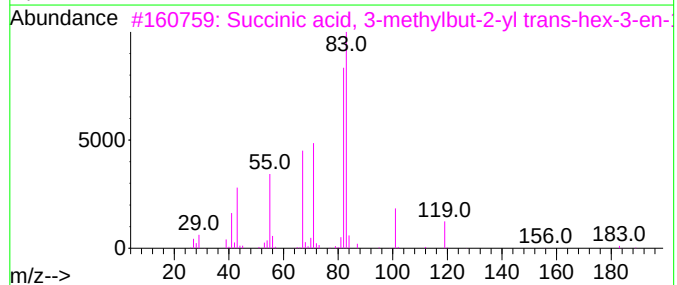
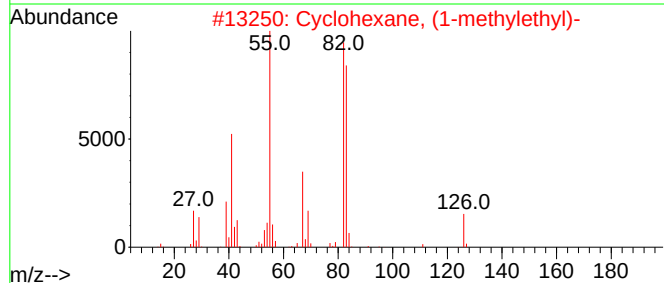
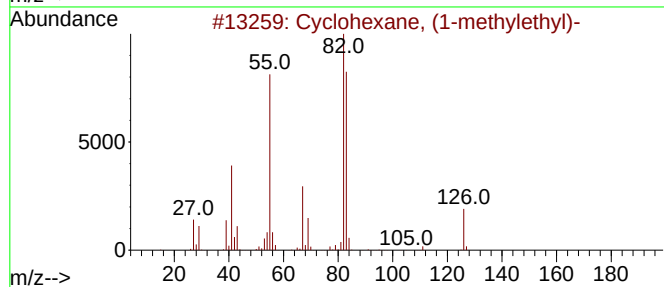
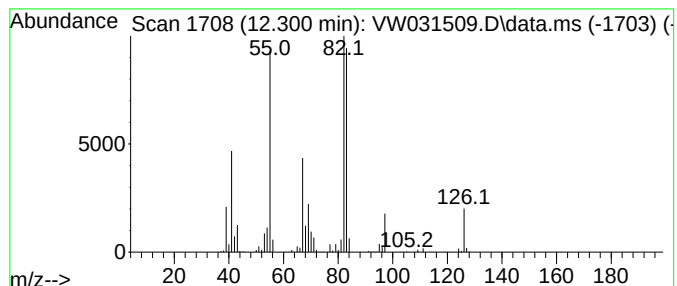
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.300 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.300	3.80 ug/L	415642	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	94
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
3			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	64
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
5			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
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Sample : P5322-17
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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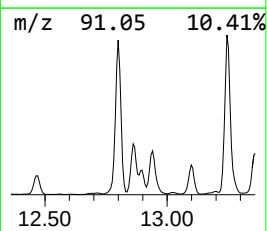
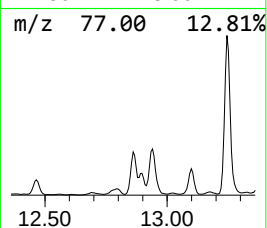
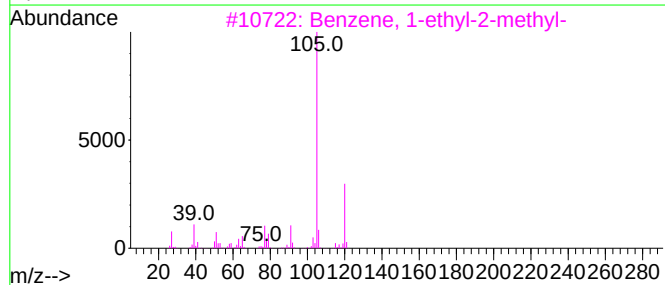
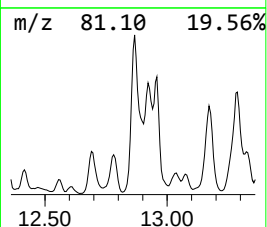
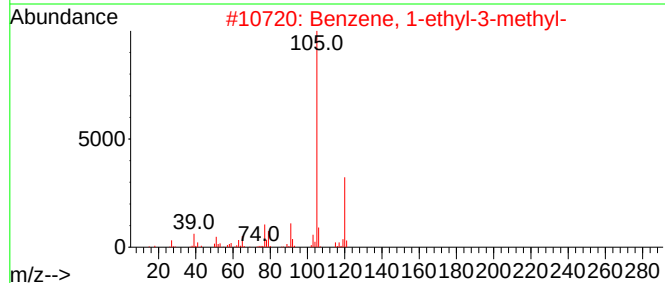
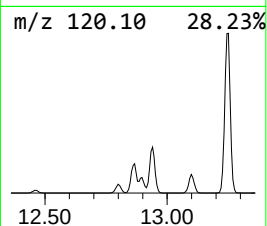
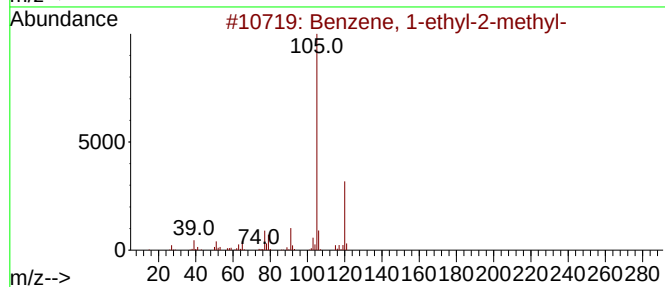
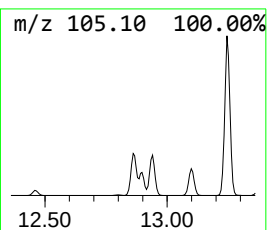
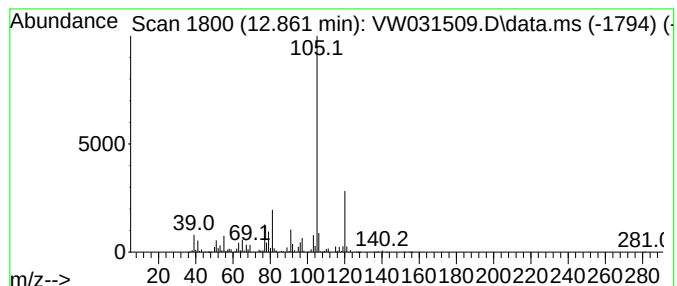
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	13.04 ug/L	7194330	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-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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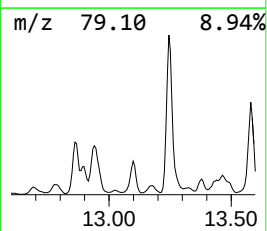
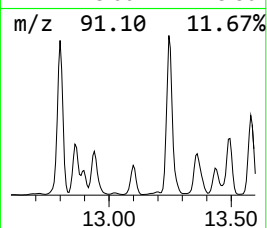
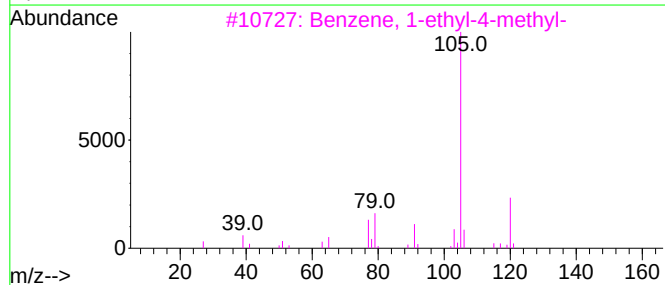
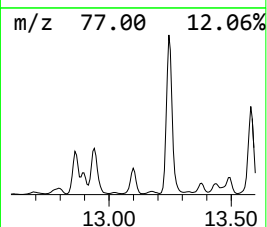
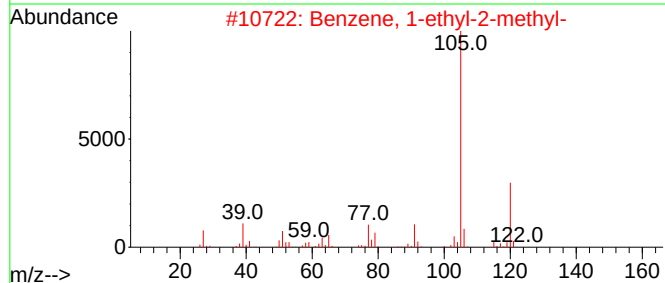
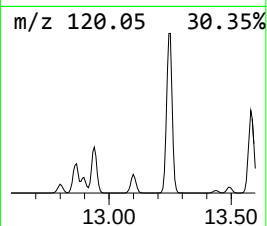
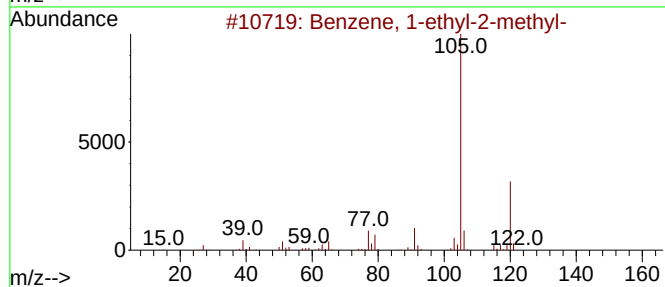
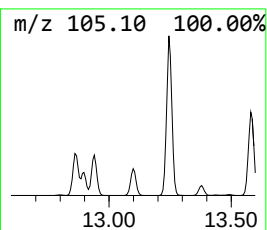
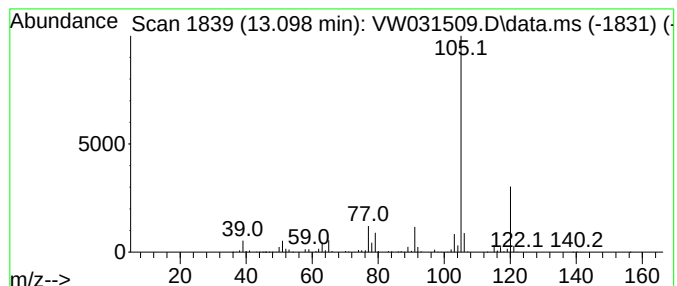
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	6.77 ug/L	3734130	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-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

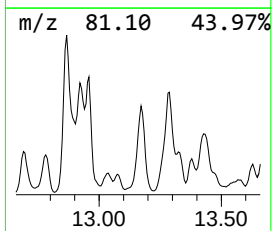
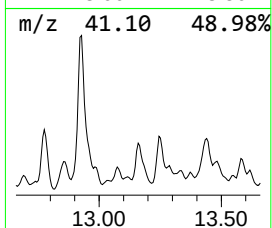
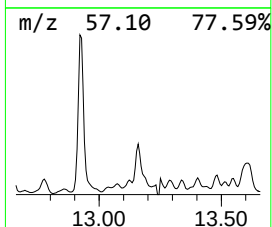
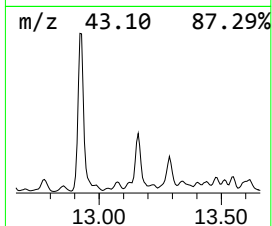
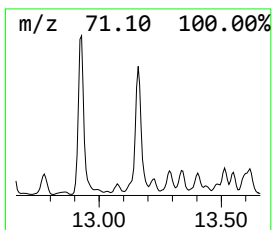
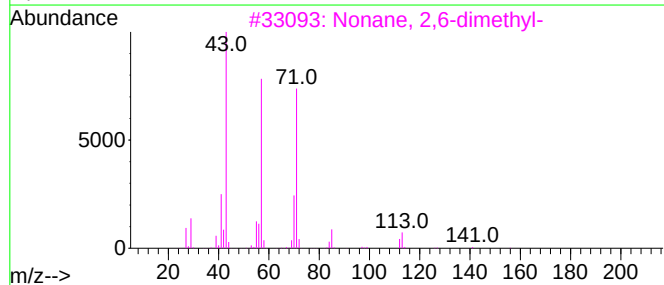
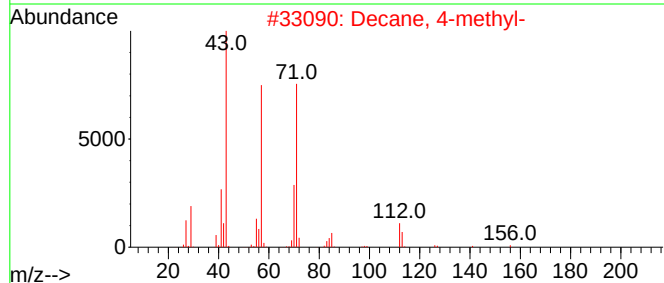
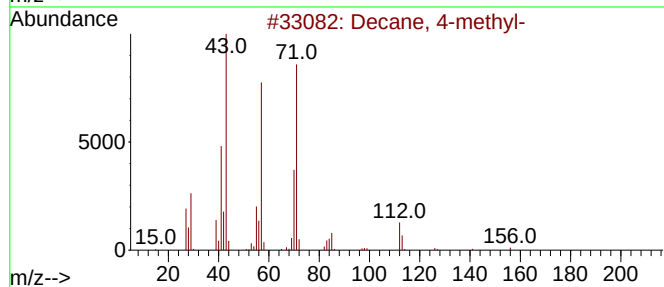
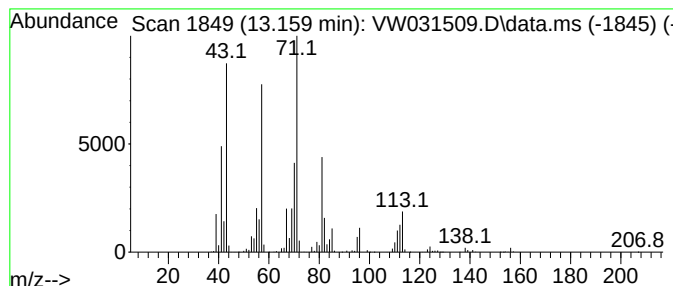
Instrument :
MSVOA_W
ClientSampleId :
YE631

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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.160	5.31 ug/L	2928120	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	93
2	Decane, 4-methyl-		156	C11H24	002847-72-5	76
3	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	68
4	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	59
5	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

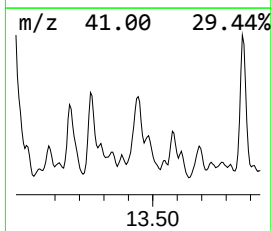
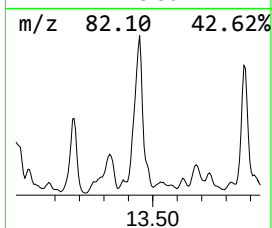
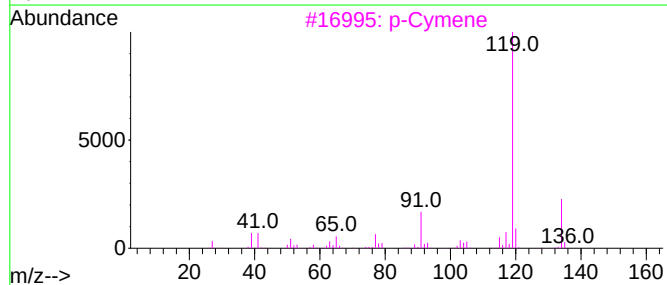
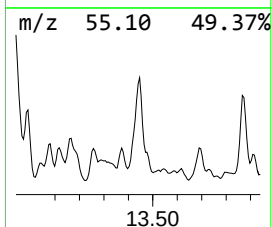
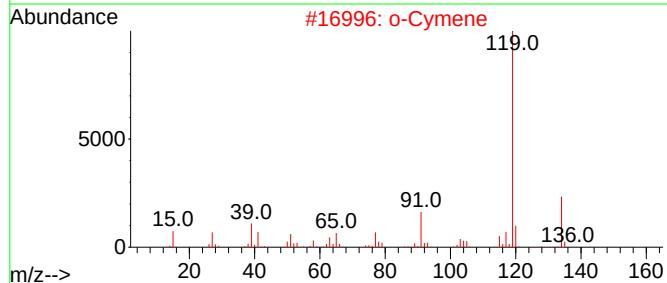
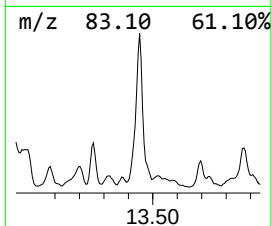
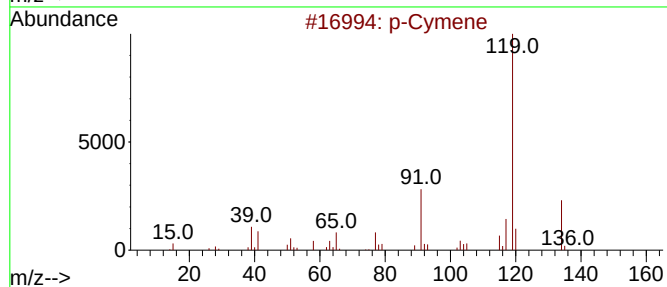
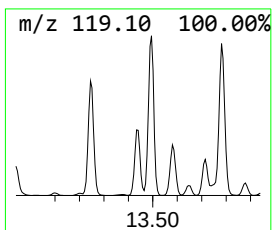
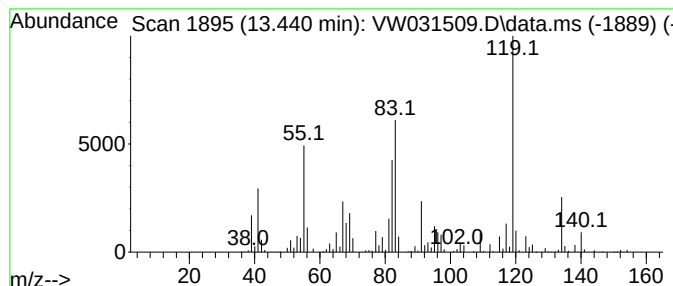
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Quant Title : SFAM01.0

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

Peak Number 21 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	7.70 ug/L	4246280	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	o-Cymene			134	C10H14	000527-84-4	89
3	p-Cymene			134	C10H14	000099-87-6	89
4	o-Cymene			134	C10H14	000527-84-4	86
5	1,3,5-Cycloheptatriene, 3,7,7-tr...			134	C10H14	003479-89-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

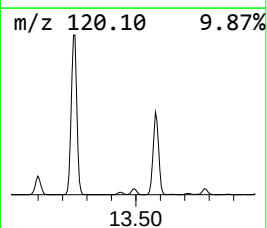
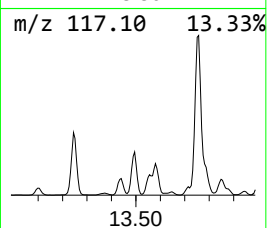
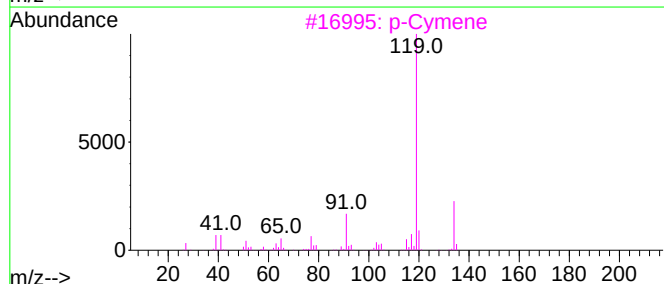
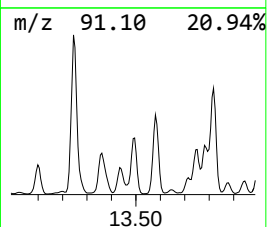
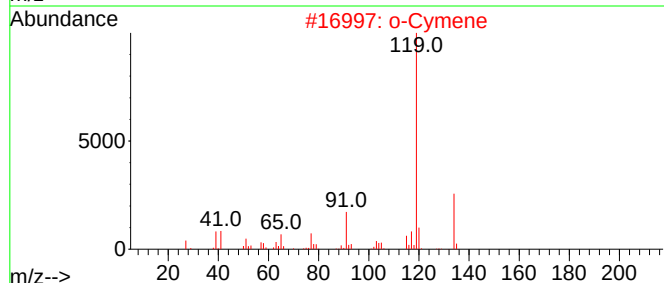
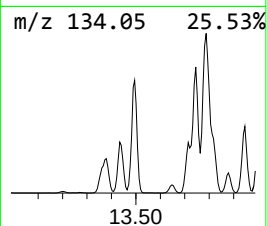
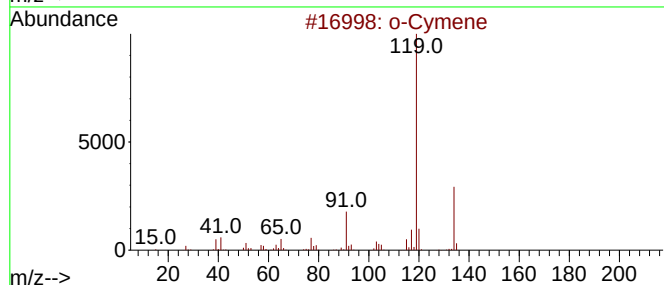
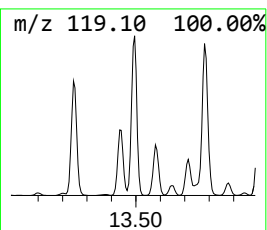
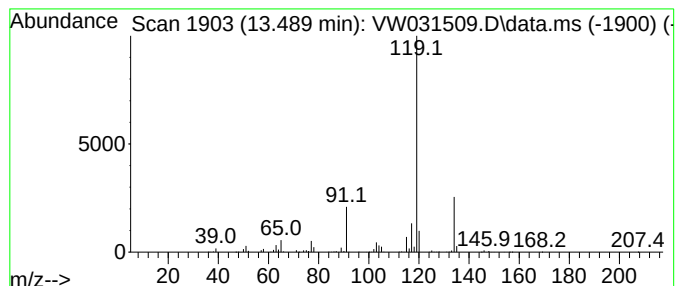
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Quant Title : SFAM01.0

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

Peak Number 22 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	6.34 ug/L	3498170	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			o-Cymene	134	C10H14	000527-84-4	94
3			p-Cymene	134	C10H14	000099-87-6	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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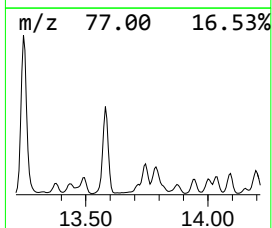
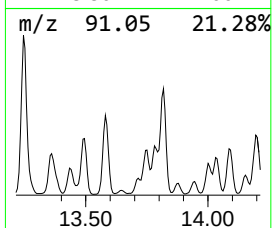
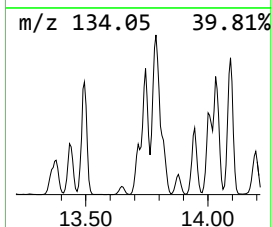
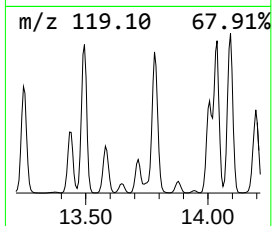
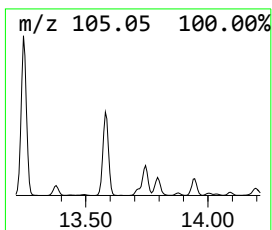
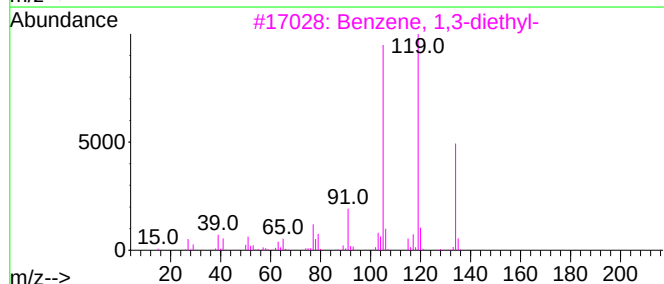
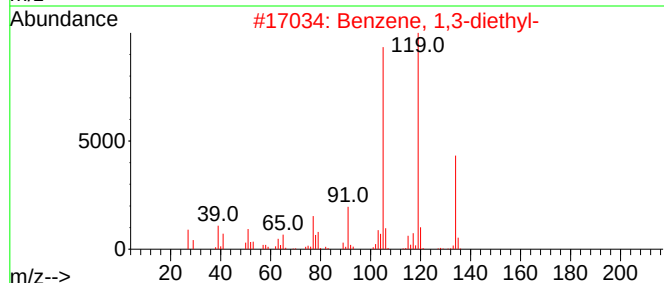
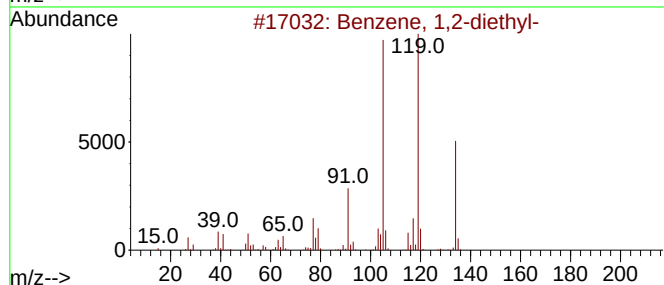
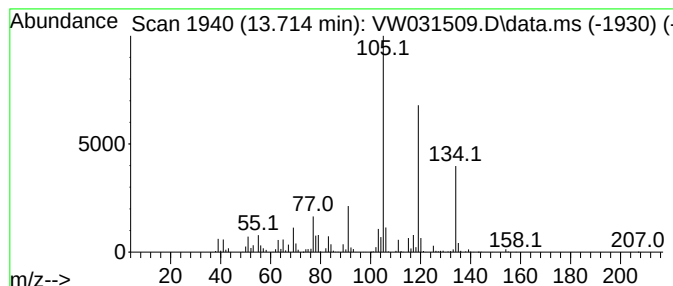
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1,2-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	3.88 ug/L	2138310	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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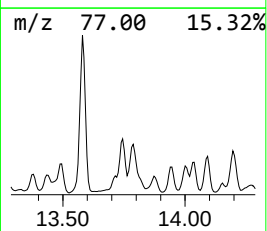
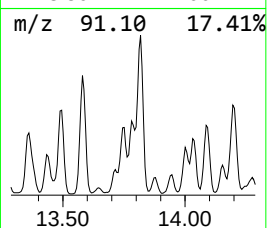
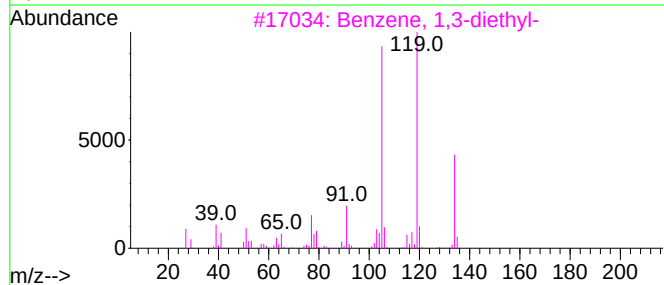
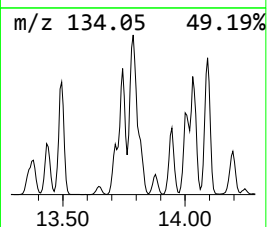
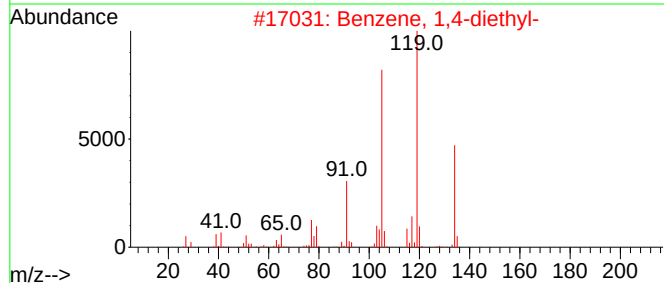
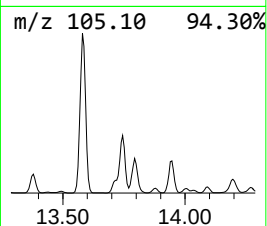
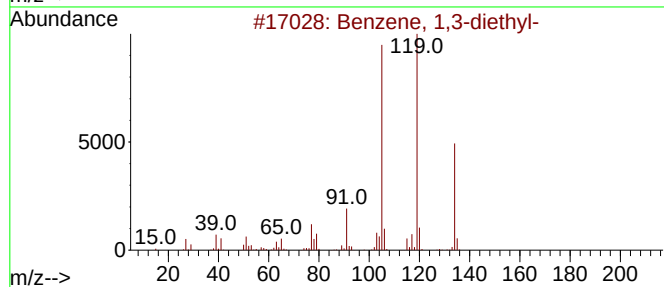
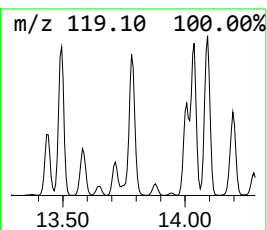
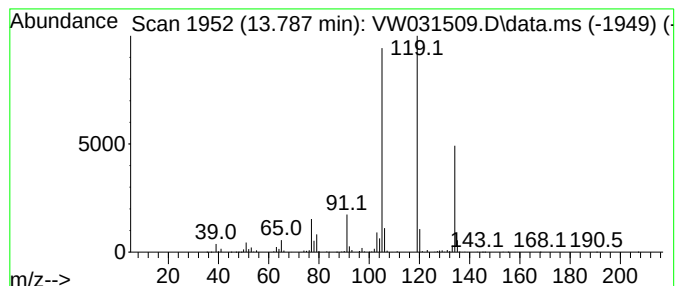
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	8.35 ug/L	4609390	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	91
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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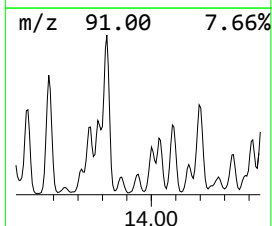
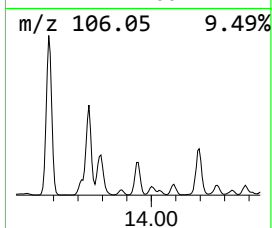
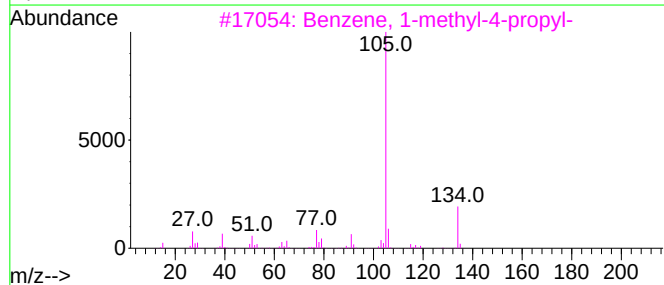
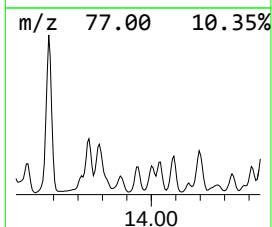
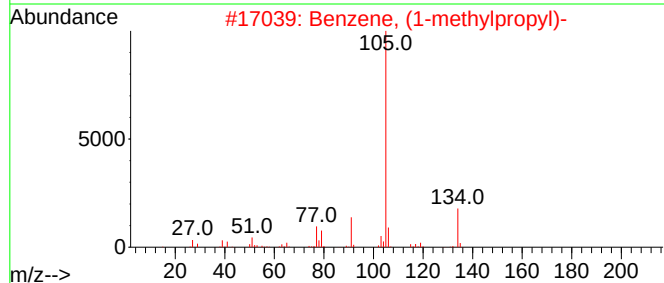
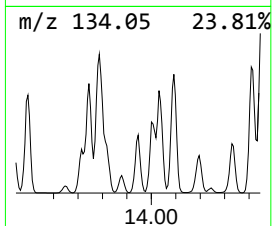
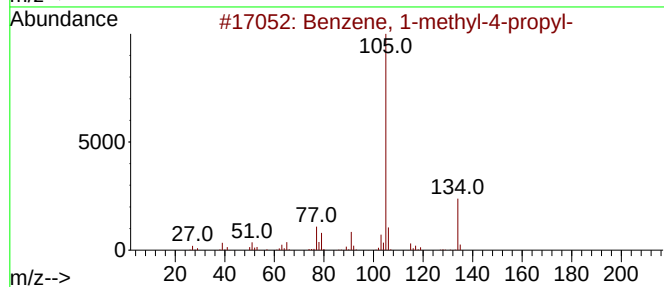
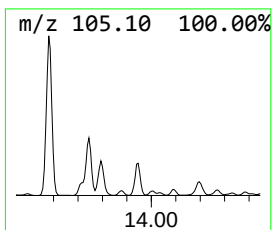
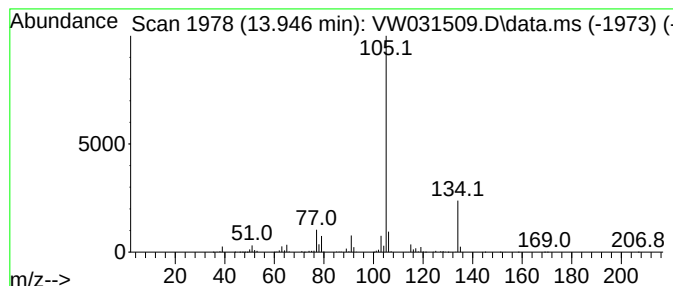
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1-methyl-4-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	2.40 ug/L	1322640	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-methylpropyl)-	134	C10H14	000135-98-8	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

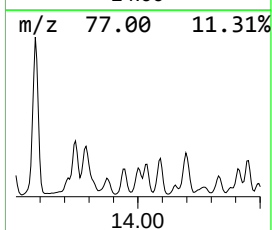
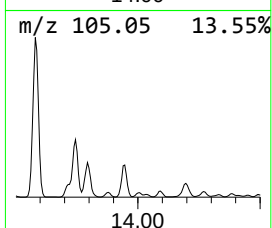
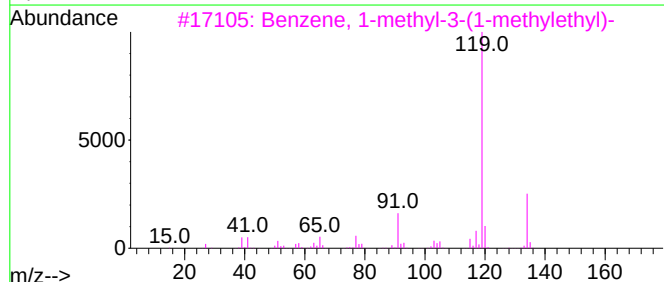
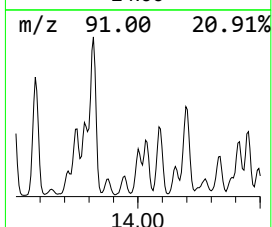
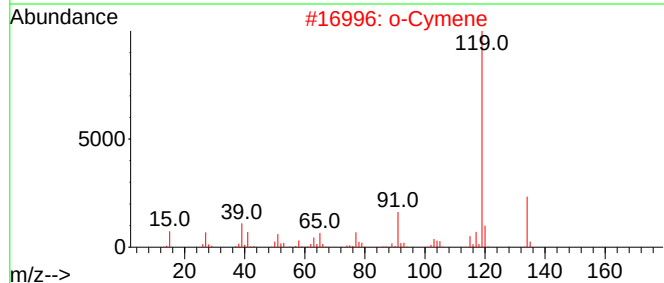
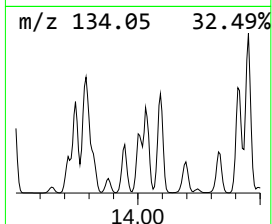
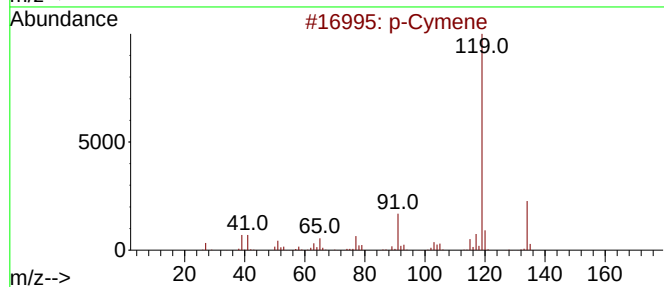
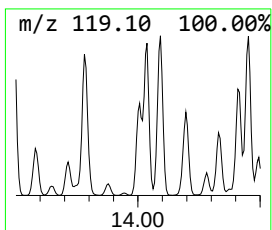
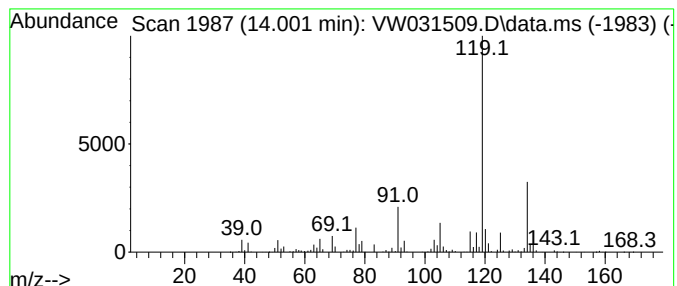
Instrument :
MSVOA_W
ClientSampleId :
YE631

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-methyl-3-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.001	4.51 ug/L	2489590	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	95
2	o-Cymene		134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	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\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

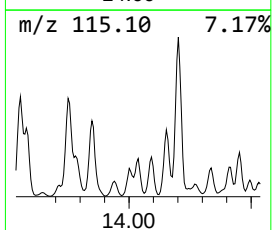
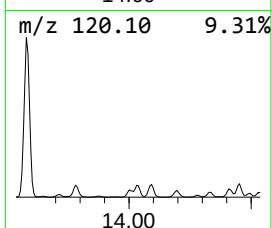
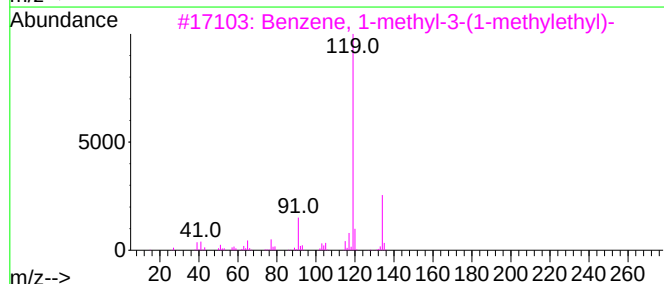
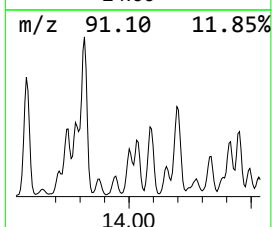
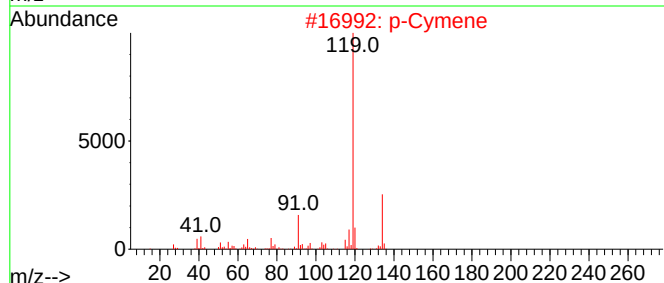
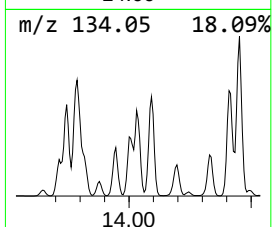
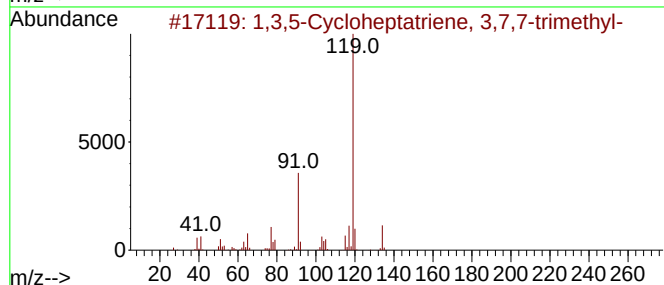
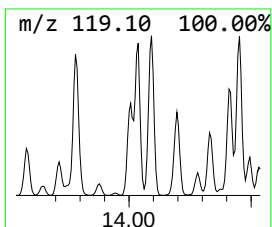
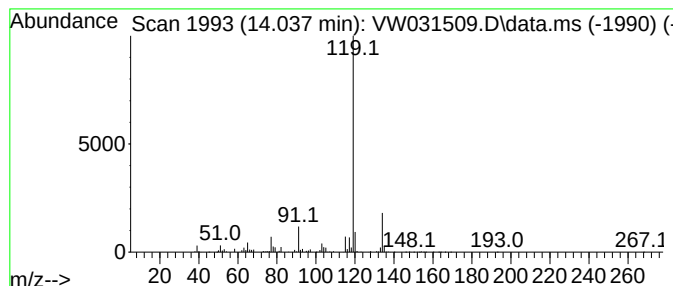
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Quant Title : SFAM01.0

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

Peak Number 28 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.037	4.27 ug/L	2358460	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91
2		p-Cymene	134	C10H14	000099-87-6	91
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

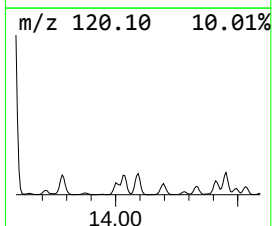
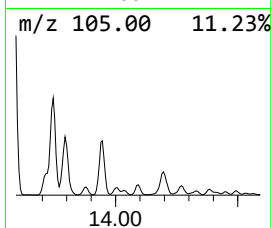
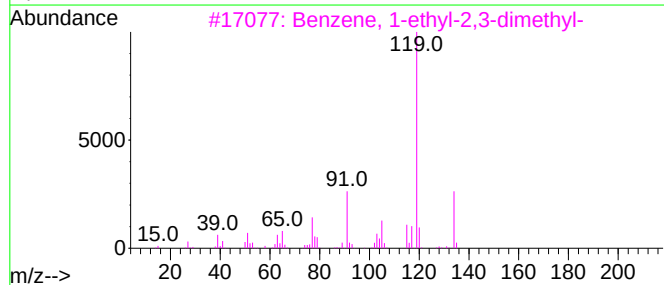
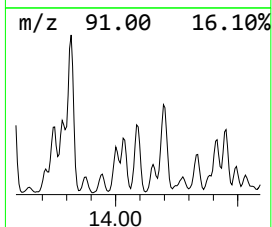
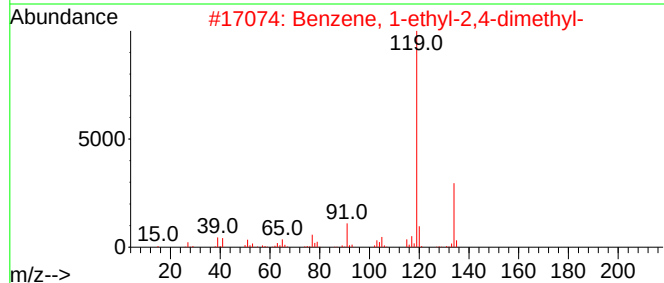
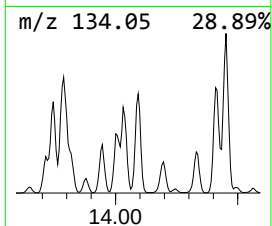
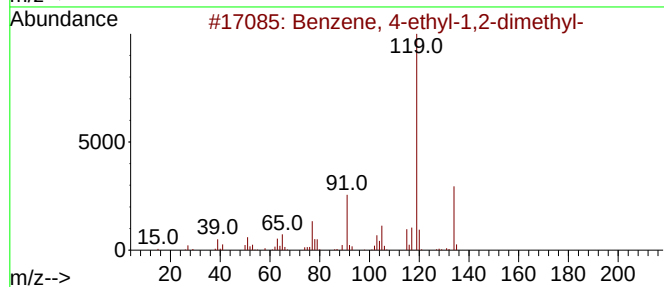
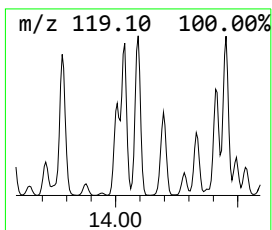
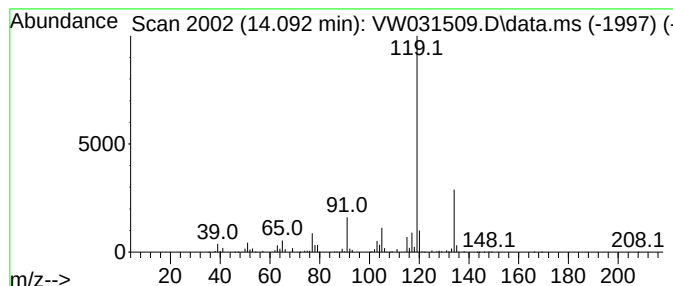
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Quant Title : SFAM01.0

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

Peak Number 29 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	5.86 ug/L	3235110	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			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	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\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

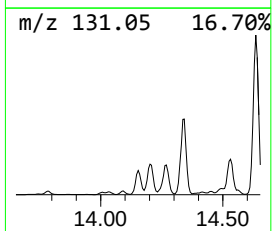
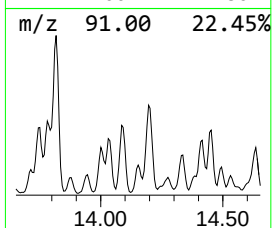
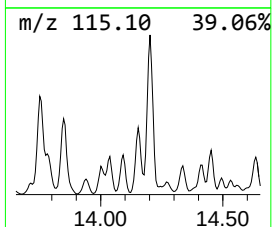
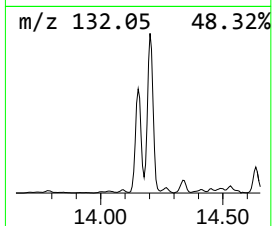
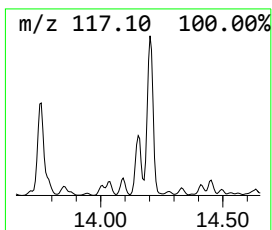
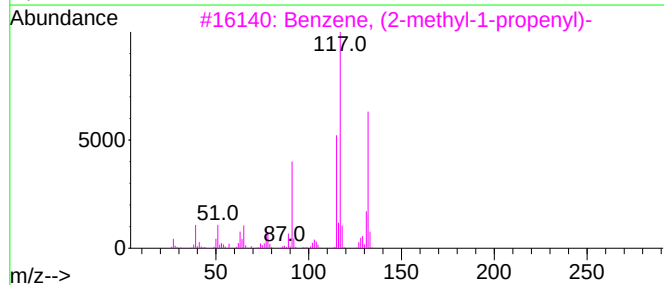
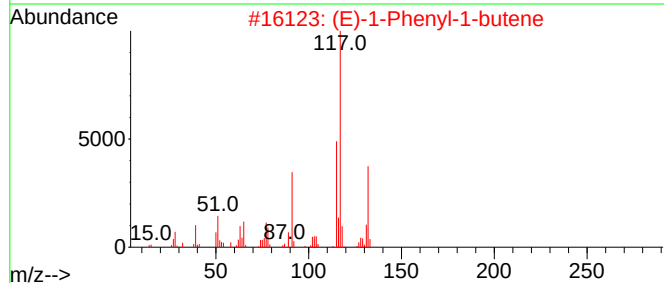
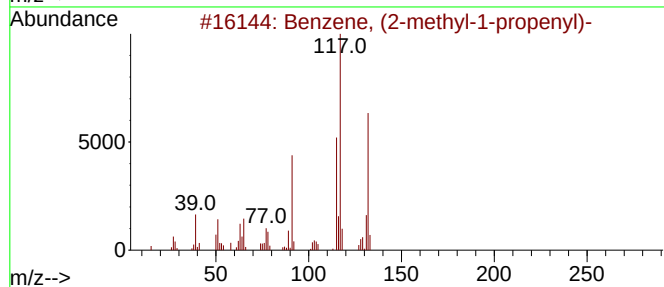
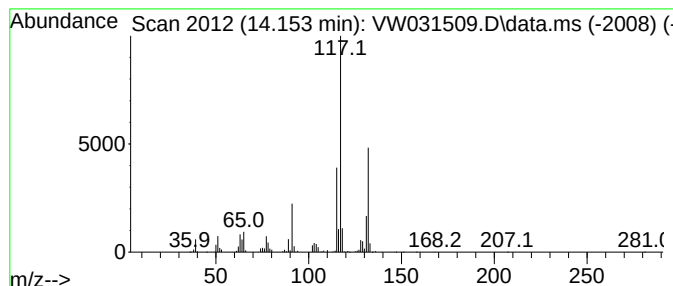
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, (2-methyl-1-propen... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.153	1.90 ug/L	1046130	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
5			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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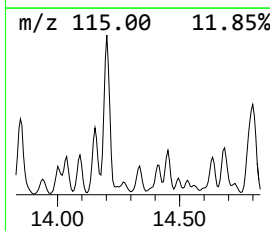
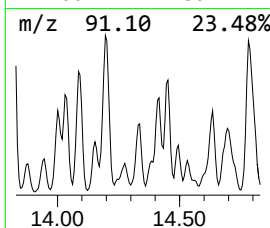
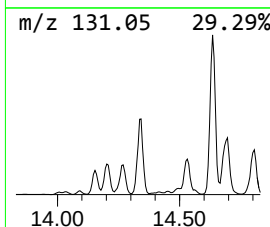
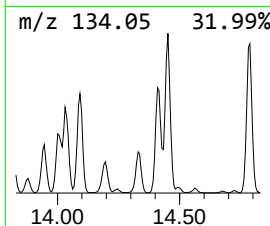
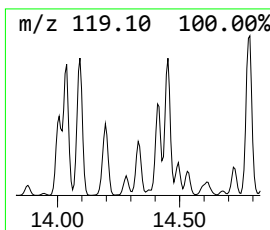
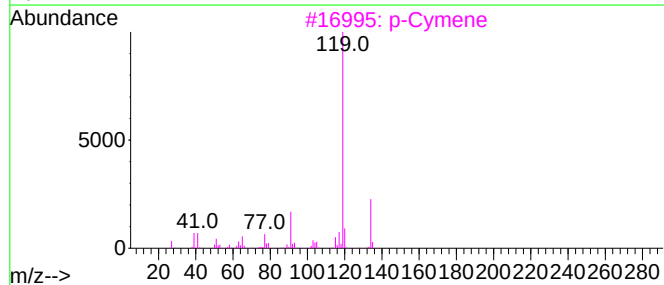
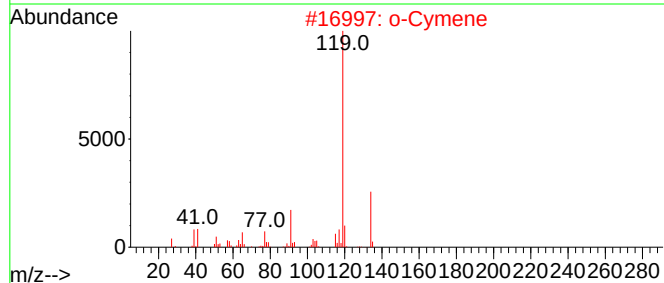
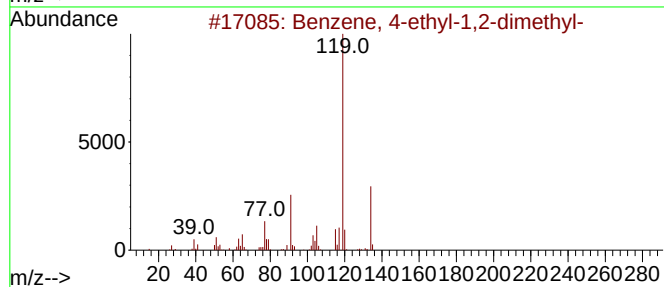
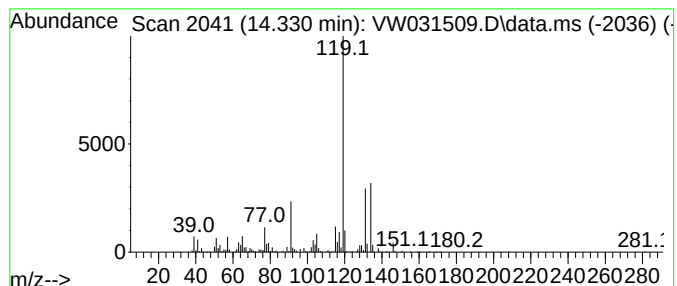
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	3.52 ug/L	1943790	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	95
2			o-Cymene	134	C10H14	000527-84-4	94
3			p-Cymene	134	C10H14	000099-87-6	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

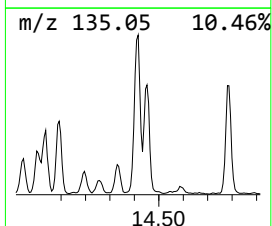
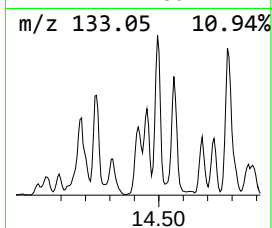
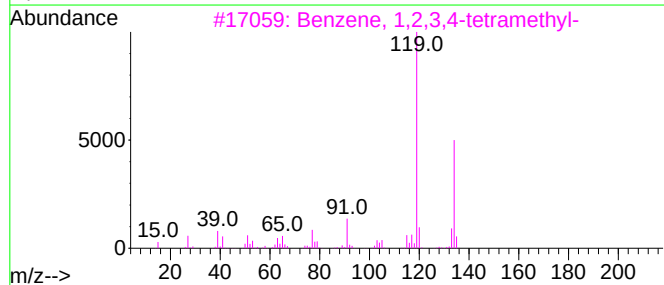
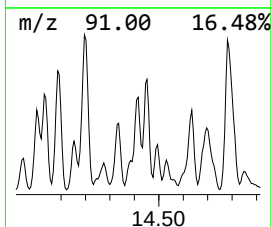
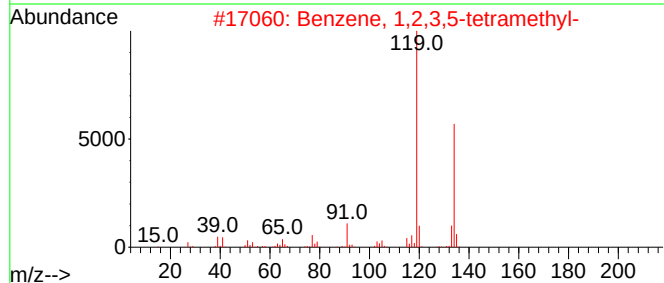
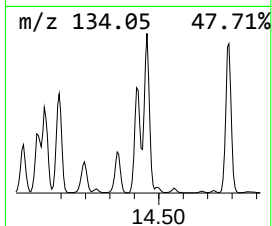
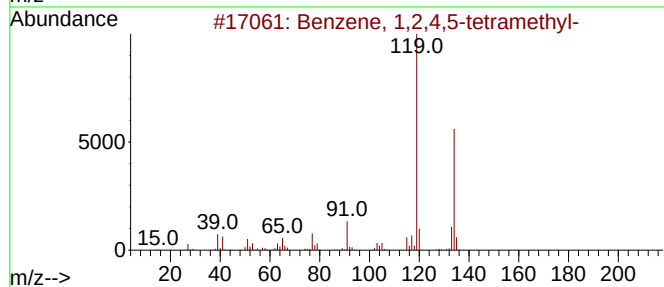
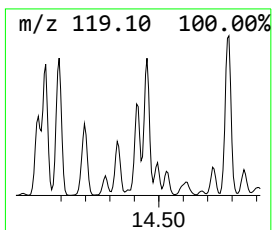
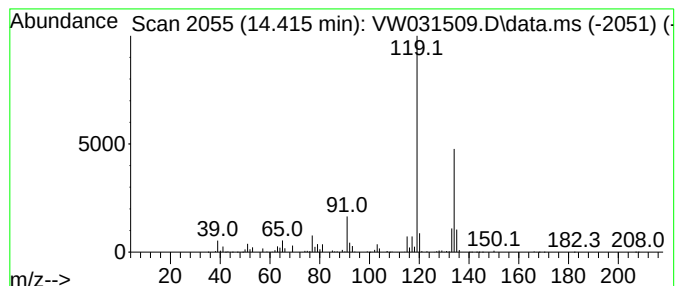
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Quant Title : SFAM01.0

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

Peak Number 34 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	4.97 ug/L	2741690	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			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

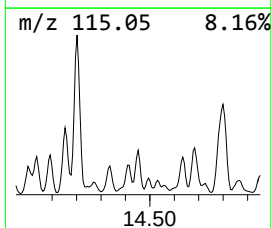
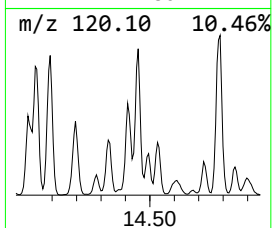
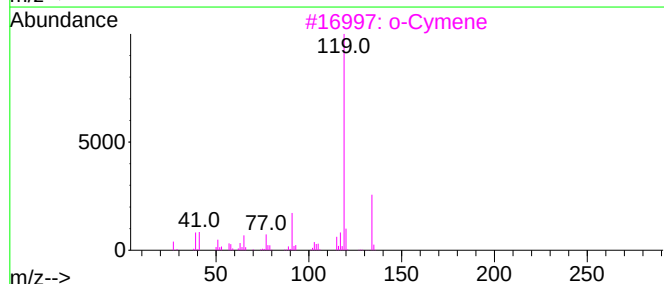
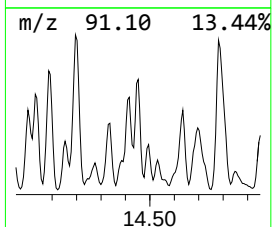
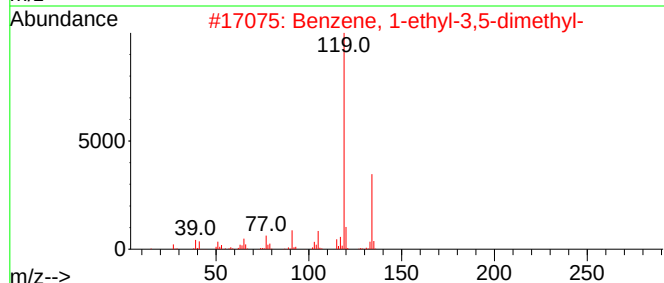
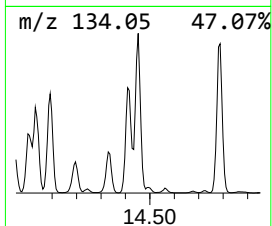
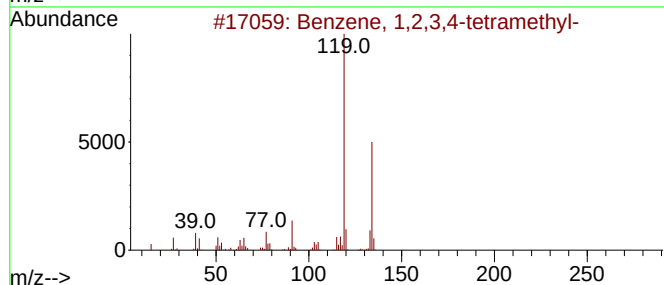
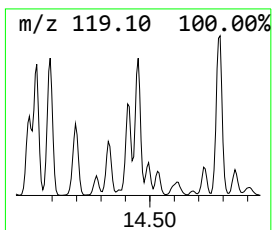
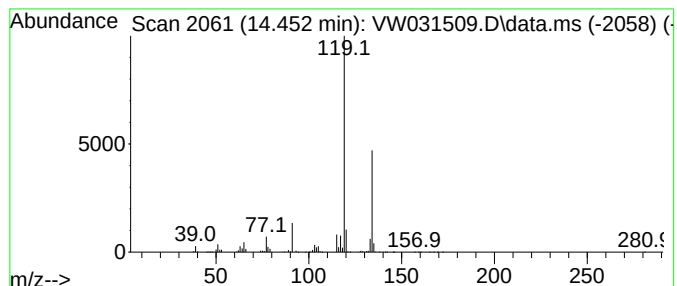
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Quant Title : SFAM01.0

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

Peak Number 35 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	4.92 ug/L	2717000	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			o-Cymene	134	C10H14	000527-84-4	94
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	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

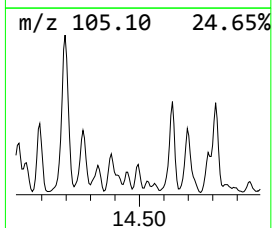
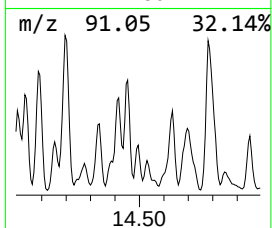
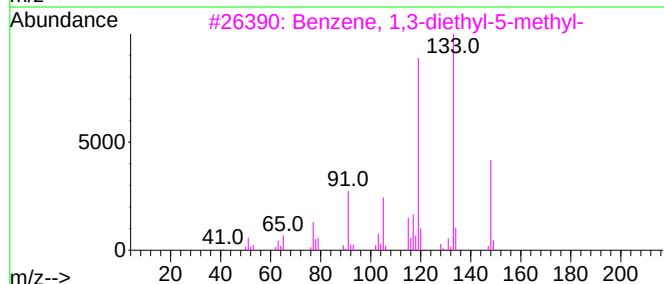
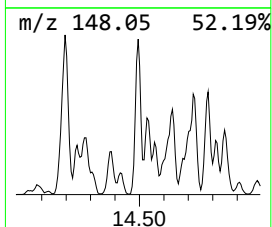
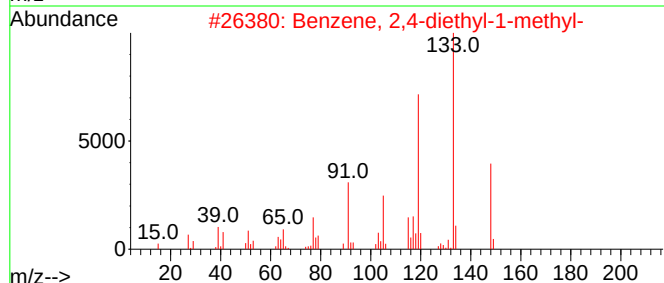
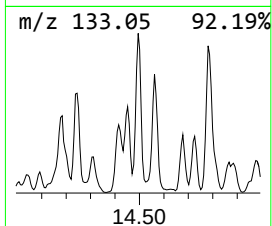
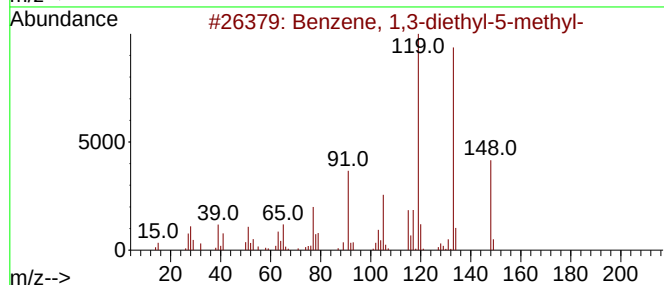
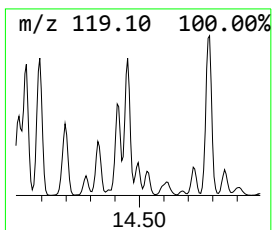
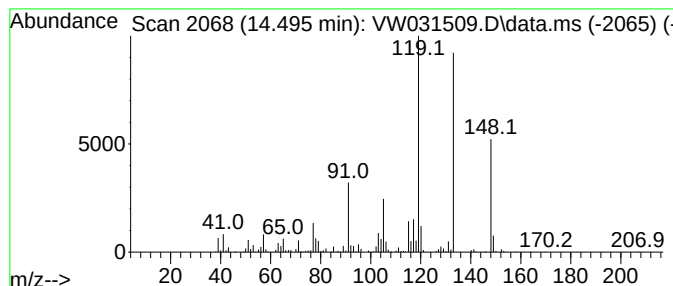
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Quant Title : SFAM01.0

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

Peak Number 36 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	1.52 ug/L	839353	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	97
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
5			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

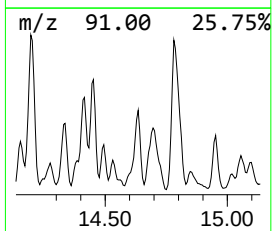
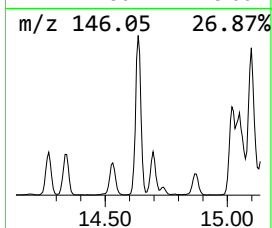
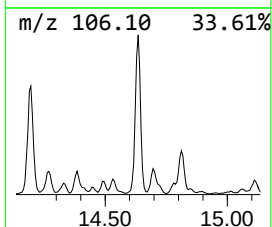
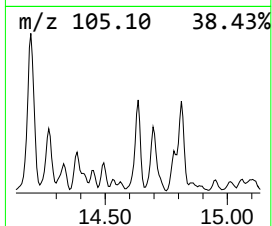
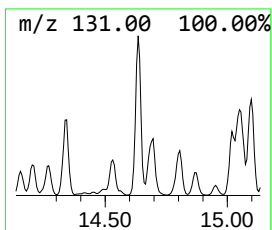
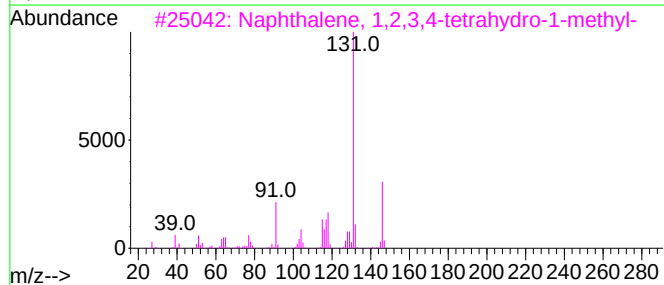
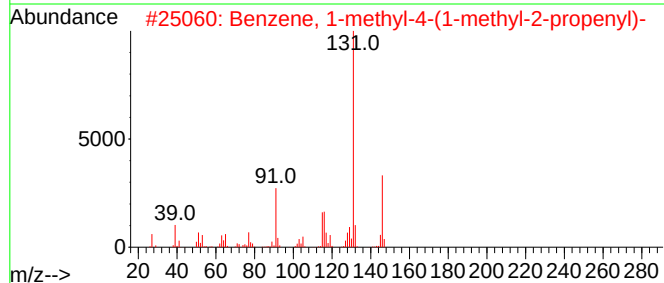
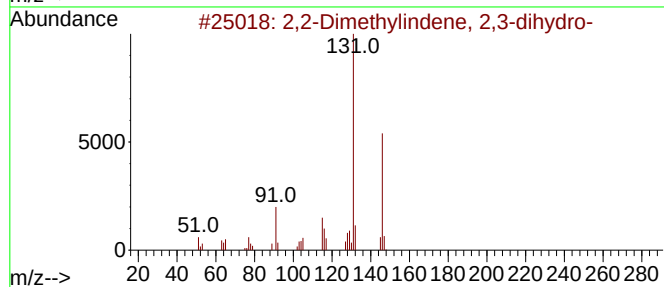
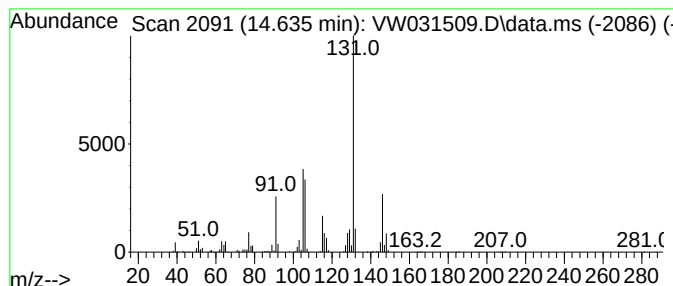
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Quant Title : SFAM01.0

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

Peak Number 38 2,2-Dimethylindene, 2,3-dih... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	2.95 ug/L	1630150	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	91
2			Benzene, 1-methyl-4-(1-methyl-2-propenyl)-	146	C11H14	097664-18-1	90
3			Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	81
4			1H-Indene, 2,3-dihydro-1,6-dimethyl-	146	C11H14	017059-48-2	81
5			1H-Indene, 2,3-dihydro-1,3-dimethyl-	146	C11H14	004175-53-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

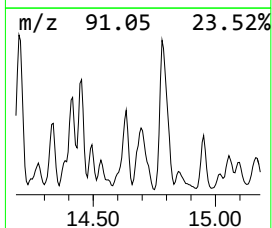
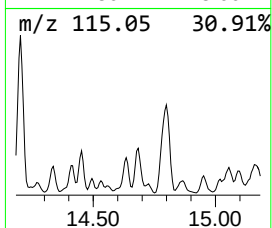
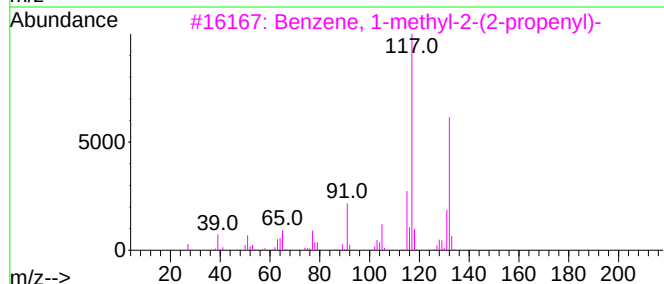
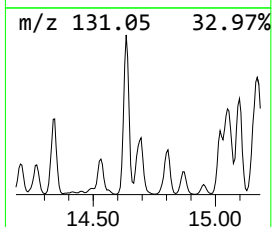
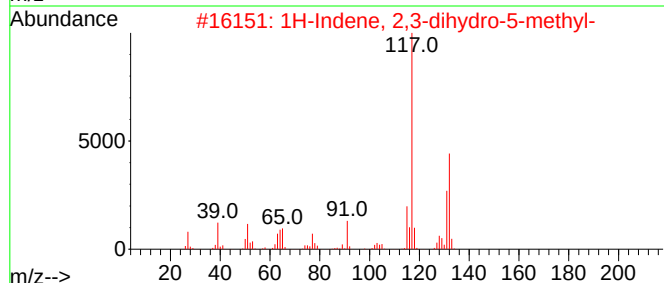
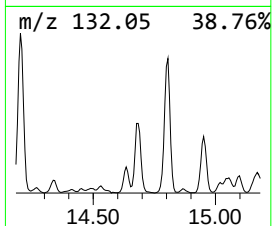
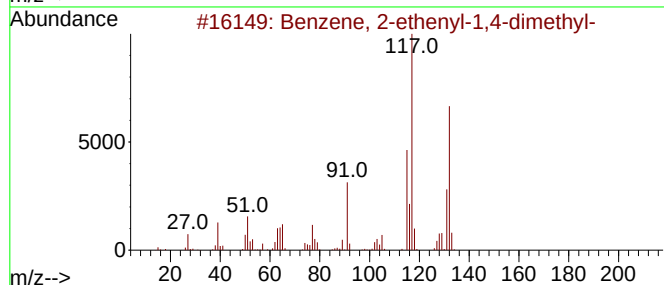
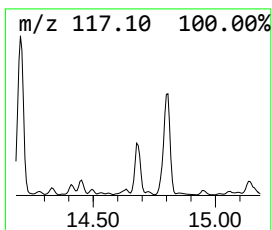
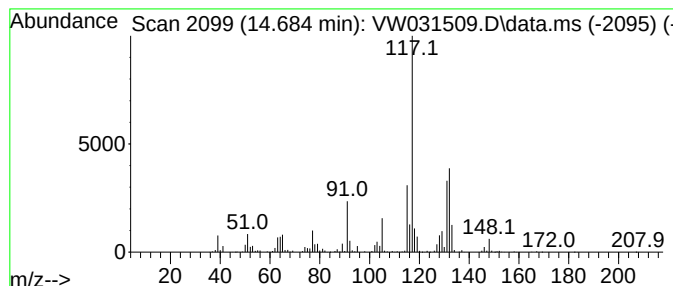
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Quant Title : SFAM01.0

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

Peak Number 39 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	3.22 ug/L	1776990	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	92
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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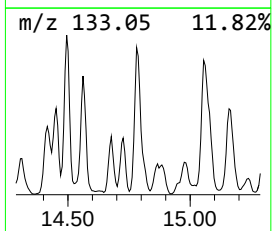
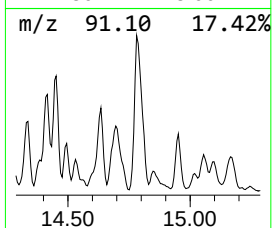
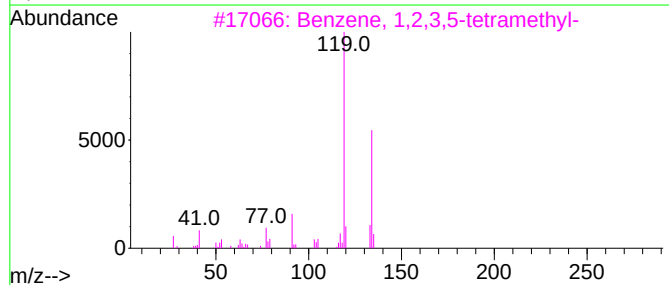
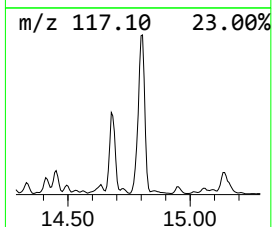
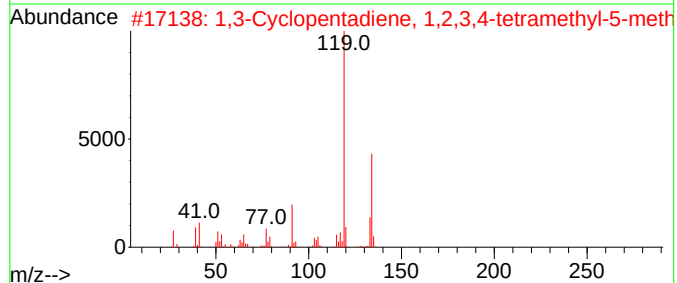
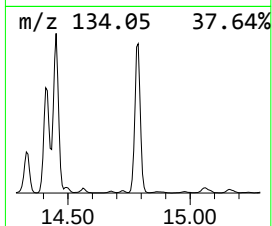
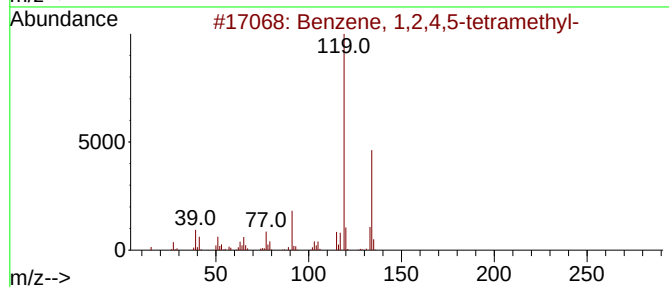
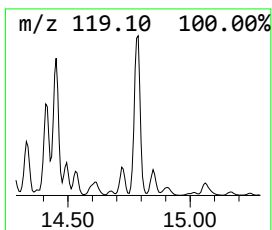
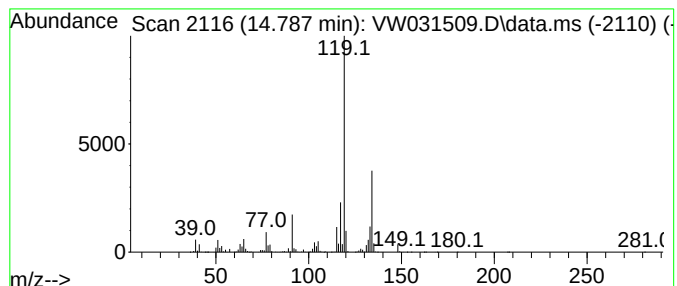
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Quant Title : SFAM01.0

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

Peak Number 40 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	12.58 ug/L	6940160	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	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

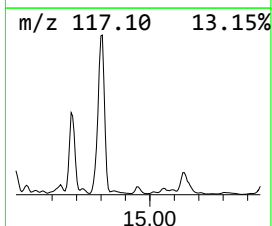
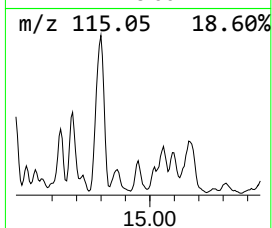
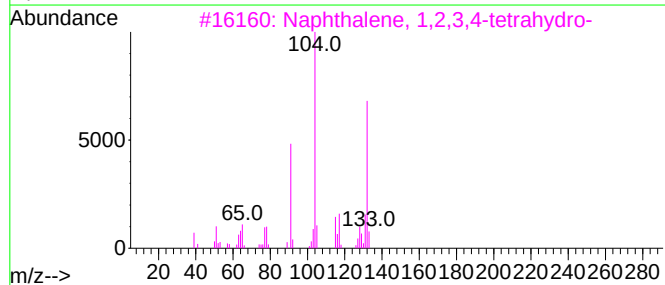
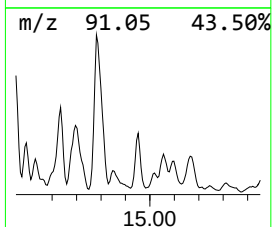
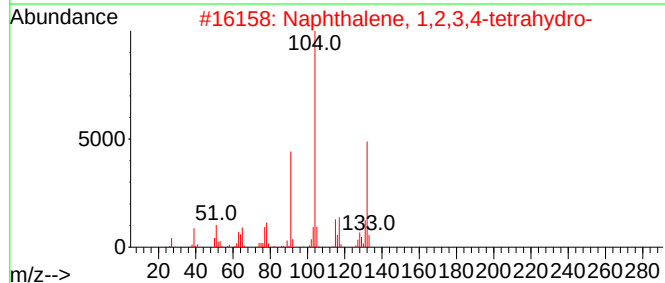
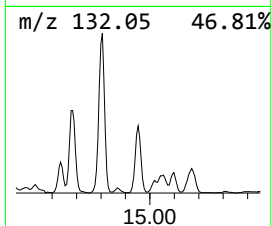
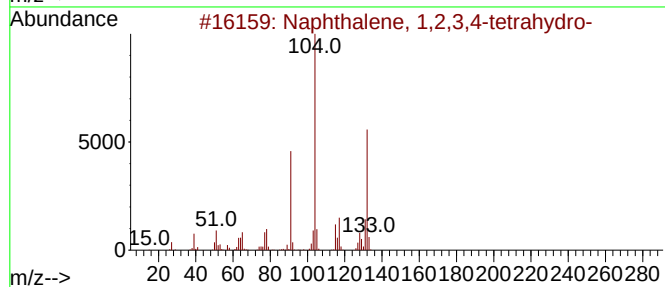
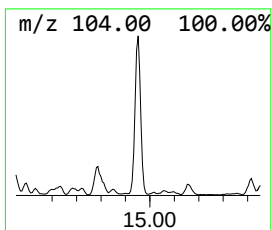
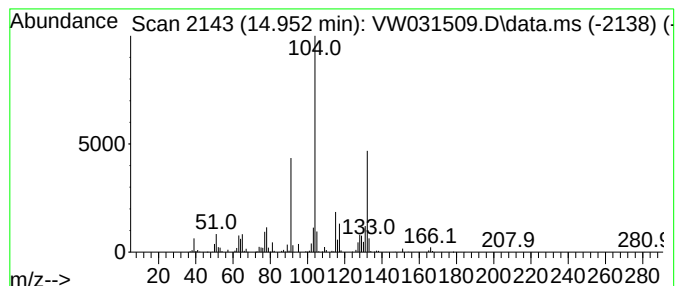
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Quant Title : SFAM01.0

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

Peak Number 42 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	1.50 ug/L	826101	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	96
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	93
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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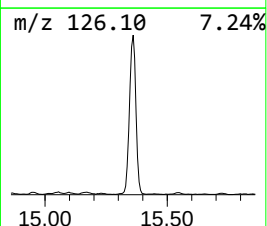
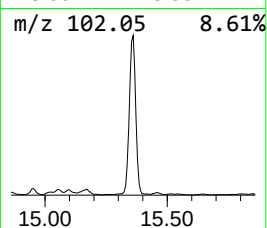
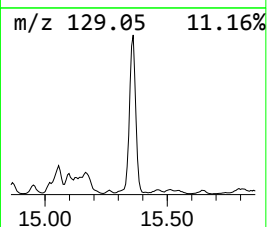
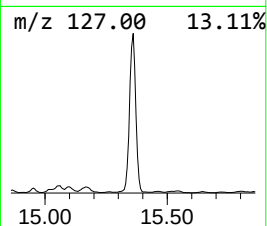
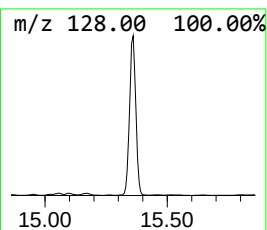
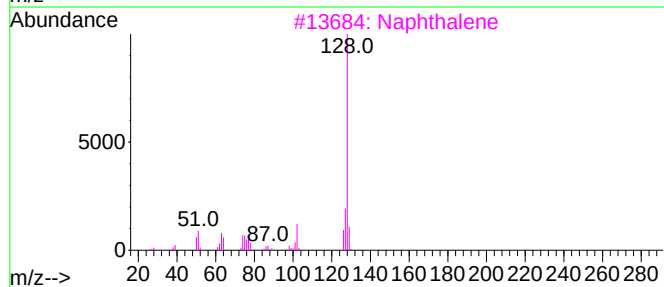
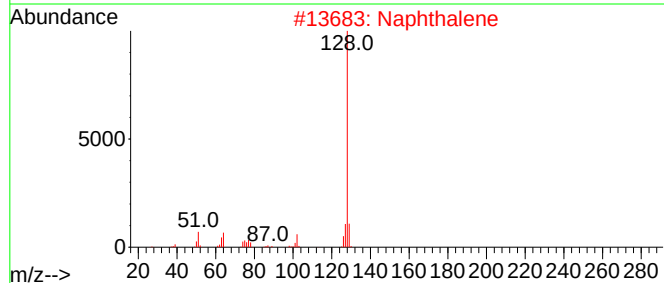
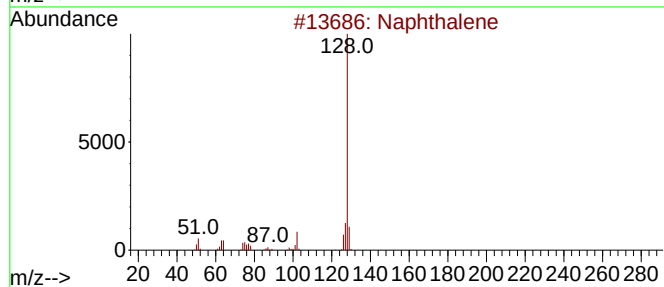
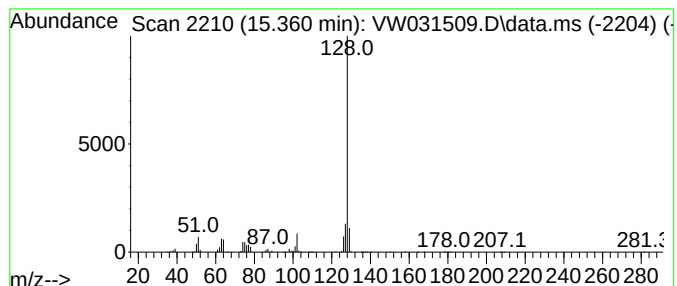
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Quant Title : SFAM01.0

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

Peak Number 45 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	11.59 ug/L	6395130	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	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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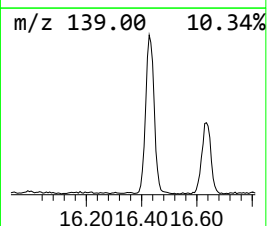
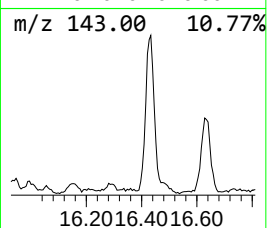
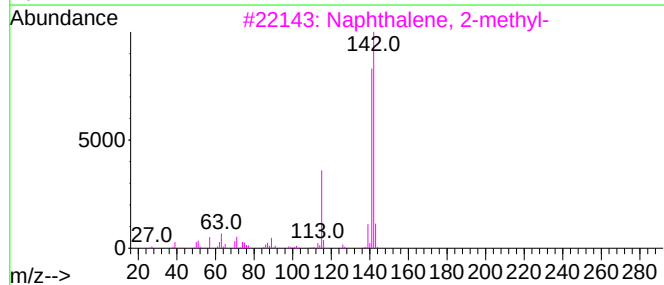
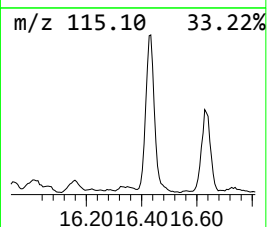
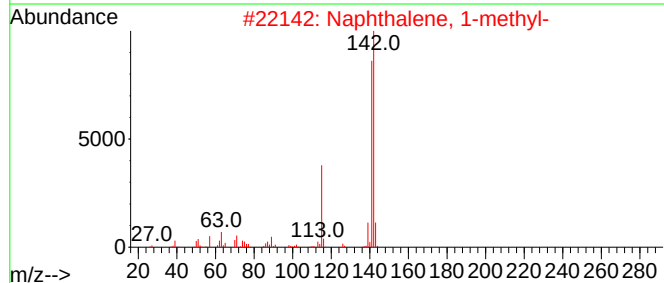
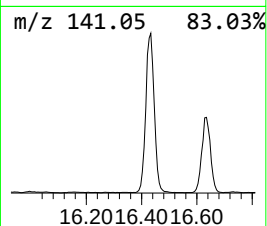
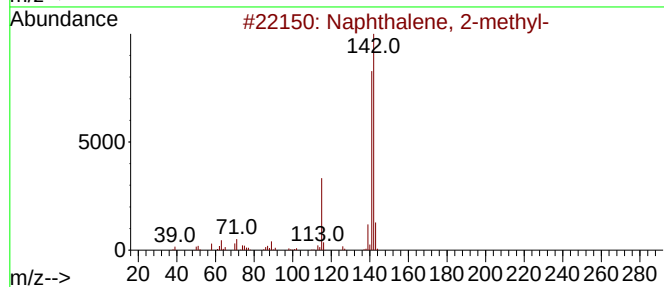
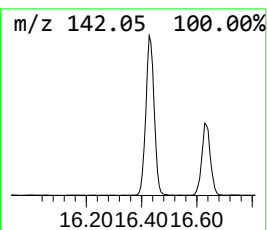
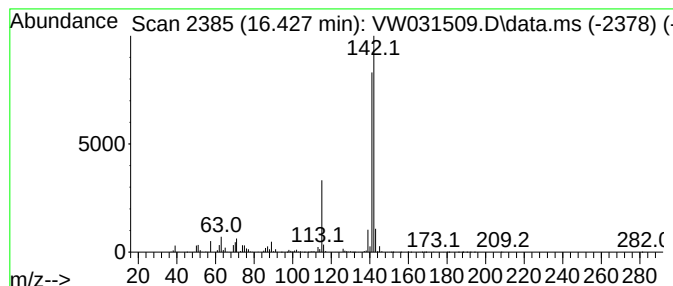
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Quant Title : SFAM01.0

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

Peak Number 46 Naphthalene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	2.85 ug/L	1573430	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, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

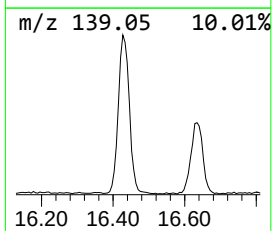
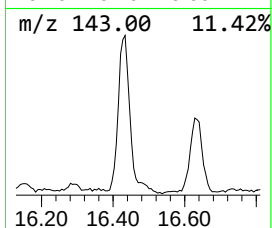
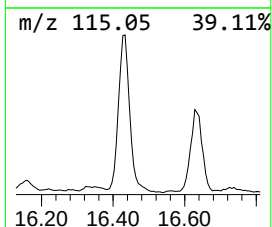
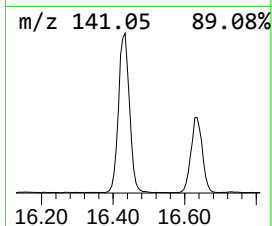
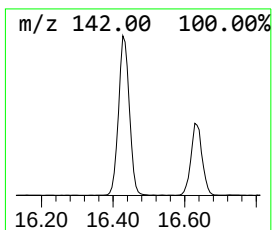
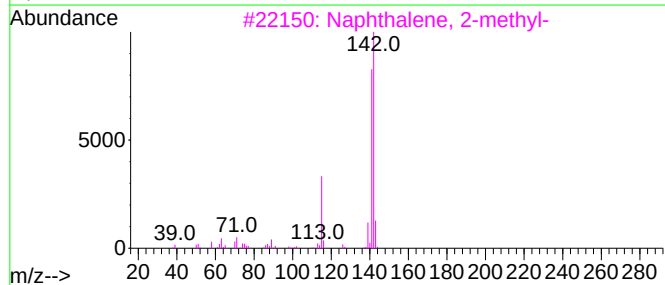
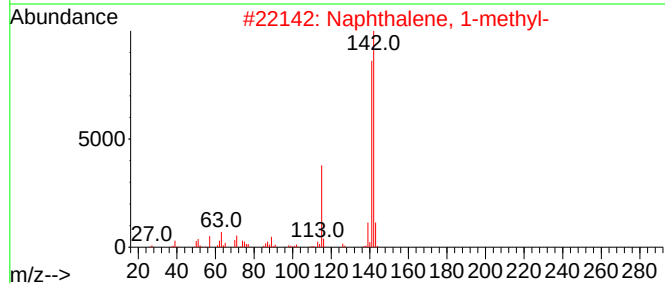
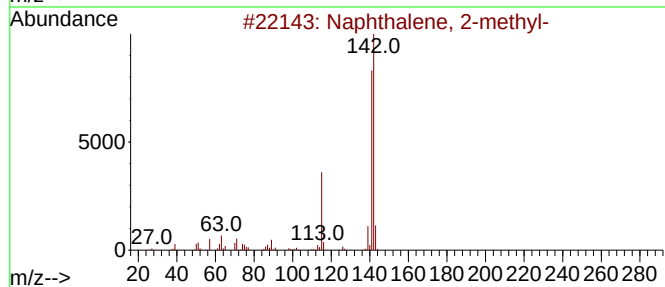
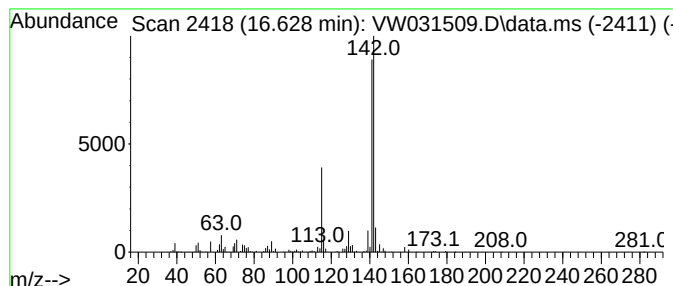
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Quant Title : SFAM01.0

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

Peak Number 47 Naphthalene, 1-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.628	1.70 ug/L	938557	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, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031509.D
Acq On : 23 Dec 2024 15:59
Operator : SY/MD
Sample : P5322-17
Misc : 6.46g/10mL/MSVOA_W/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE631

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	10.501	1.9	ug/L	206088	2	11.629	2735560	25.0
(DEL) Alkane: C...	11.178	2.2	ug/L	242186	2	11.629	2735560	25.0
(DEL) Alkane: C...	11.227	5.9	ug/L	645327	2	11.629	2735560	25.0
(DEL) Alkane: C...	11.428	6.1	ug/L	664712	2	11.629	2735560	25.0
(DEL) Alkane: S...	11.507	2.4	ug/L	262255	2	11.629	2735560	25.0
(DEL) Alkane: C...	11.910	5.3	ug/L	580341	2	11.629	2735560	25.0
(DEL) Alkane: S...	12.245	9.4	ug/L	1026540	2	11.629	2735560	25.0
(DEL) Alkane: C...	12.300	3.8	ug/L	415642	2	11.629	2735560	25.0
Benzene, 1-ethy...	12.861	13.0	ug/L	7194330	3	13.556	13792500	25.0
Benzene, 1-ethy...	13.099	6.8	ug/L	3734130	3	13.556	13792500	25.0
(DEL) Alkane: S...	13.160	5.3	ug/L	2928120	3	13.556	13792500	25.0
p-Cymene	13.440	7.7	ug/L	4246280	3	13.556	13792500	25.0
o-Cymene	13.489	6.3	ug/L	3498170	3	13.556	13792500	25.0
Benzene, 1,2-di...	13.714	3.9	ug/L	2138310	3	13.556	13792500	25.0
Benzene, 1,3-di...	13.787	8.3	ug/L	4609390	3	13.556	13792500	25.0
Benzene, 1-meth...	13.946	2.4	ug/L	1322640	3	13.556	13792500	25.0
Benzene, 1-meth...	14.001	4.5	ug/L	2489590	3	13.556	13792500	25.0
1,3,5-Cyclohept...	14.037	4.3	ug/L	2358460	3	13.556	13792500	25.0
Benzene, 1-ethy...	14.092	5.9	ug/L	3235110	3	13.556	13792500	25.0
Benzene, (2-met...	14.153	1.9	ug/L	1046130	3	13.556	13792500	25.0
Benzene, 4-ethy...	14.330	3.5	ug/L	1943790	3	13.556	13792500	25.0
Benzene, 1,2,4,...	14.415	5.0	ug/L	2741690	3	13.556	13792500	25.0
Benzene, 1,2,3,...	14.452	4.9	ug/L	2717000	3	13.556	13792500	25.0
Benzene, 1,3-di...	14.495	1.5	ug/L	839353	3	13.556	13792500	25.0
2,2-Dimethylind...	14.635	3.0	ug/L	1630150	3	13.556	13792500	25.0
Benzene, 2-ethe...	14.684	3.2	ug/L	1776990	3	13.556	13792500	25.0
1,3-Cyclopentad...	14.787	12.6	ug/L	6940160	3	13.556	13792500	25.0
Naphthalene, 1,...	14.952	1.5	ug/L	826101	3	13.556	13792500	25.0
Azulene	15.360	11.6	ug/L	6395130	3	13.556	13792500	25.0
Naphthalene, 2-...	16.427	2.9	ug/L	1573430	3	13.556	13792500	25.0
Naphthalene, 1-...	16.628	1.7	ug/L	938557	3	13.556	13792500	25.0