

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026949.D
 Acq On : 29 Aug 2023 14:35
 Operator : SY/MD
 Sample : 04175-20
 Misc : 5.60g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYD3

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	8	12	17	rVB	14806	20826	1.27%	0.166%
2	2.027	21	23	29	rVB7	2486	3674	0.22%	0.029%
3	2.149	41	43	44	rBV2	2361	2448	0.15%	0.019%
4	2.223	51	55	58	rBV6	7619	12998	0.79%	0.104%
5	2.363	72	78	90	rBV	41111	119592	7.29%	0.953%
6	2.899	159	166	181	rBV2	48468	149671	9.12%	1.192%
7	3.381	241	245	250	rBV4	4442	8708	0.53%	0.069%
8	3.570	274	276	279	rBV4	2815	3870	0.24%	0.031%
9	3.716	297	300	302	rBV4	2264	3587	0.22%	0.029%
10	3.881	325	327	334	rVB8	2526	5104	0.31%	0.041%
11	4.021	338	350	361	rBV2	102104	386486	23.55%	3.078%
12	4.119	362	366	384	rVV	41081	114388	6.97%	0.911%
13	4.259	386	389	390	rBV3	2381	2227	0.14%	0.018%
14	4.387	401	410	420	rVV	17707	53106	3.24%	0.423%
15	4.460	420	422	426	rVB5	2015	2284	0.14%	0.018%
16	4.588	441	443	446	rVB4	1788	2134	0.13%	0.017%
17	4.667	452	456	458	rBV5	1597	2237	0.14%	0.018%
18	4.740	465	468	469	rVV3	2356	2110	0.13%	0.017%
19	4.771	471	473	477	rVV4	2658	3407	0.21%	0.027%
20	4.911	490	496	497	rBV6	7892	12303	0.75%	0.098%
21	5.289	555	558	561	rVB5	1527	2175	0.13%	0.017%
22	5.332	561	565	566	rBV4	2692	2509	0.15%	0.020%
23	5.399	573	576	578	rBV4	2581	3260	0.20%	0.026%
24	5.441	578	583	585	rBV6	2491	3175	0.19%	0.025%
25	5.783	628	639	646	rBV3	10385	32172	1.96%	0.256%
26	5.935	658	664	666	rBV6	3784	8259	0.50%	0.066%
27	6.045	677	682	685	rVB7	2081	3156	0.19%	0.025%
28	6.411	739	742	746	rBV6	2084	2608	0.16%	0.021%
29	6.575	767	769	773	rBV5	1744	2760	0.17%	0.022%
30	6.612	773	775	780	rVB6	1784	2430	0.15%	0.019%
31	6.697	787	789	793	rVB5	2361	2460	0.15%	0.020%
32	6.770	798	801	804	rVB5	1642	2062	0.13%	0.016%
33	6.813	804	808	811	rBV6	1496	2718	0.17%	0.022%
34	6.899	816	822	825	rBV7	4801	8106	0.49%	0.065%
35	6.929	825	827	830	rVB4	3581	3816	0.23%	0.030%
36	6.972	830	834	835	rBV4	1928	2432	0.15%	0.019%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	7.075	844	851	860	rBV	62123	179530	10.94%	1.430%
38	7.520	922	924	926	rBV3	2065	2113	0.13%	0.017%
39	7.648	935	945	957	rBV	309121	762417	46.45%	6.072%
40	7.789	963	968	970	rBV6	1944	3067	0.19%	0.024%
41	7.923	988	990	991	rVV2	4343	3809	0.23%	0.030%
42	7.941	991	993	1001	rVB8	5310	11305	0.69%	0.090%
43	8.051	1009	1011	1014	rVV4	1996	2498	0.15%	0.020%
44	8.276	1039	1048	1062	rBV2	540423	1641250	100.00%	13.072%
45	8.502	1081	1085	1086	rBV4	2450	2589	0.16%	0.021%
46	8.569	1094	1096	1102	rVB7	2533	3987	0.24%	0.032%
47	8.703	1114	1118	1123	rVB7	5512	10026	0.61%	0.080%
48	8.843	1132	1141	1151	rBV	563508	1100743	67.07%	8.767%
49	8.996	1162	1166	1170	rVB7	2029	2937	0.18%	0.023%
50	9.081	1172	1180	1191	rBV4	22386	56620	3.45%	0.451%
51	9.276	1204	1212	1221	rBV	414535	858449	52.30%	6.837%
52	9.404	1229	1233	1238	rBV8	5342	10601	0.65%	0.084%
53	9.514	1248	1251	1252	rBV3	3502	2902	0.18%	0.023%
54	9.611	1263	1267	1268	rBV4	2548	3403	0.21%	0.027%
55	9.660	1271	1275	1277	rBV5	4108	6642	0.40%	0.053%
56	9.758	1286	1291	1297	rVB9	5710	11836	0.72%	0.094%
57	9.807	1297	1299	1303	rVB5	1771	2037	0.12%	0.016%
58	9.861	1306	1308	1311	rBV4	1567	2537	0.15%	0.020%
59	10.032	1326	1336	1344	rBV	170197	320030	19.50%	2.549%
60	10.209	1359	1365	1368	rBV8	4917	8001	0.49%	0.064%
61	10.325	1376	1384	1392	rBV	644551	1130249	68.87%	9.002%
62	10.502	1405	1413	1419	rBV8	14065	36244	2.21%	0.289%
63	10.575	1419	1425	1435	rBV	104892	189878	11.57%	1.512%
64	10.666	1435	1440	1443	rBV2	14770	21321	1.30%	0.170%
65	10.764	1453	1456	1459	rVB5	4598	4894	0.30%	0.039%
66	10.843	1467	1469	1473	rVB5	2387	2590	0.16%	0.021%
67	10.922	1476	1482	1491	rVV	167891	293046	17.86%	2.334%
68	11.075	1503	1507	1509	rBV3	6170	7516	0.46%	0.060%
69	11.148	1515	1519	1521	rBV5	7524	9794	0.60%	0.078%
70	11.227	1528	1532	1537	rVB3	16167	26873	1.64%	0.214%
71	11.282	1537	1541	1545	rVV4	17749	29093	1.77%	0.232%
72	11.325	1546	1548	1553	rVB5	10908	15259	0.93%	0.122%
73	11.434	1561	1566	1574	rVB2	22653	46287	2.82%	0.369%
74	11.507	1574	1578	1581	rBV6	4056	7036	0.43%	0.056%
75	11.629	1591	1598	1606	rBV	630683	1061178	64.66%	8.452%
76	11.727	1611	1614	1616	rBV2	9198	11547	0.70%	0.092%

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 Title : SFAM01.0

77	11.763	1617	1620	1625	rVB2	20074	28413	1.73%	0.226%
78	11.831	1625	1631	1635	rBV4	23925	63787	3.89%	0.508%
79	11.977	1649	1655	1659	rBV6	10286	20269	1.23%	0.161%
80	12.038	1660	1665	1669	rBV3	19340	28255	1.72%	0.225%
81	12.141	1672	1682	1687	rBV7	36829	109891	6.70%	0.875%
82	12.300	1703	1708	1710	rBV4	16173	26500	1.61%	0.211%
83	12.337	1710	1714	1723	rVB6	50185	137234	8.36%	1.093%
84	12.526	1741	1745	1748	rBV3	12021	15896	0.97%	0.127%
85	12.611	1754	1759	1765	rVB4	25538	51789	3.16%	0.412%
86	12.690	1765	1772	1779	rBV	360621	635855	38.74%	5.064%
87	12.776	1782	1786	1793	rVB3	95872	171315	10.44%	1.364%
88	12.861	1794	1800	1805	rBV7	23402	59120	3.60%	0.471%
89	13.080	1832	1836	1841	rVB7	20961	32322	1.97%	0.257%
90	13.196	1847	1855	1860	rVB8	24411	64099	3.91%	0.511%
91	13.251	1860	1864	1868	rBV4	24362	52029	3.17%	0.414%
92	13.556	1908	1914	1922	rVB	383115	597089	36.38%	4.756%
93	13.848	1957	1962	1972	rVB	384623	795940	48.50%	6.339%
94	14.190	2014	2018	2025	rVB8	27240	64842	3.95%	0.516%
95	14.263	2026	2030	2035	rVV4	32418	61441	3.74%	0.489%
96	14.379	2046	2049	2052	rBV3	66903	87160	5.31%	0.694%
97	14.543	2071	2076	2083	rBV3	99335	227677	13.87%	1.813%
98	15.098	2164	2167	2173	rBV3	51004	108859	6.63%	0.867%
99	15.165	2174	2178	2184	rVB2	78141	148174	9.03%	1.180%
100	15.312	2200	2202	2209	rVB4	39375	70086	4.27%	0.558%

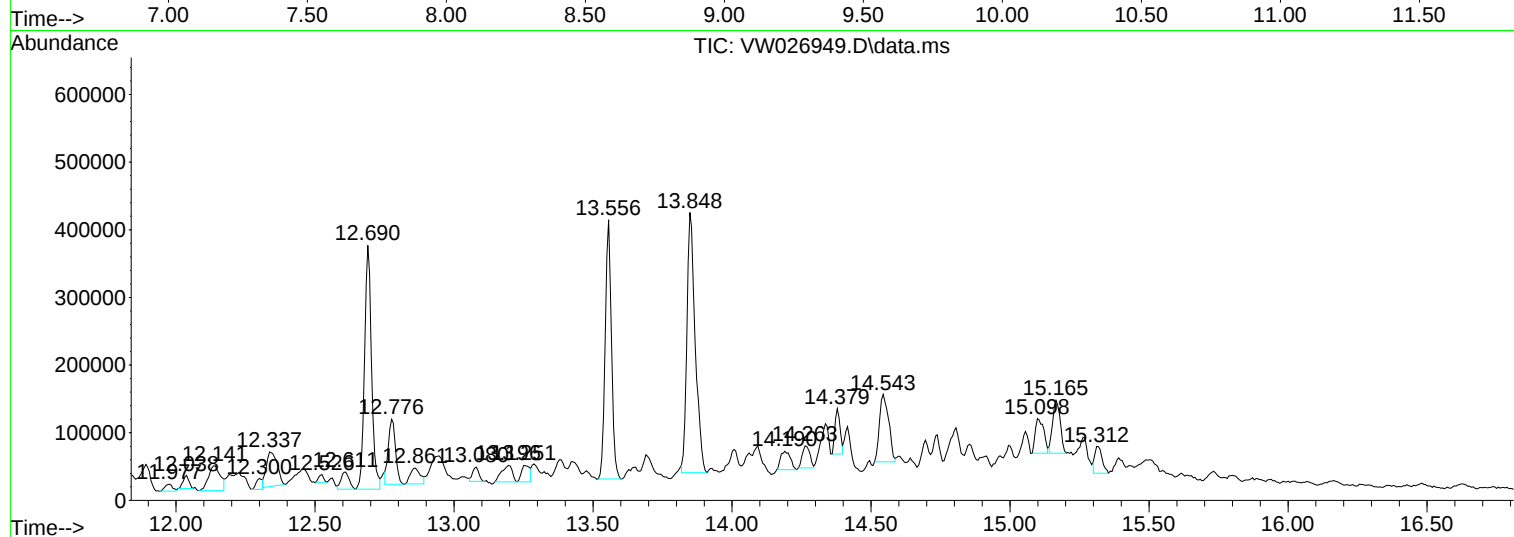
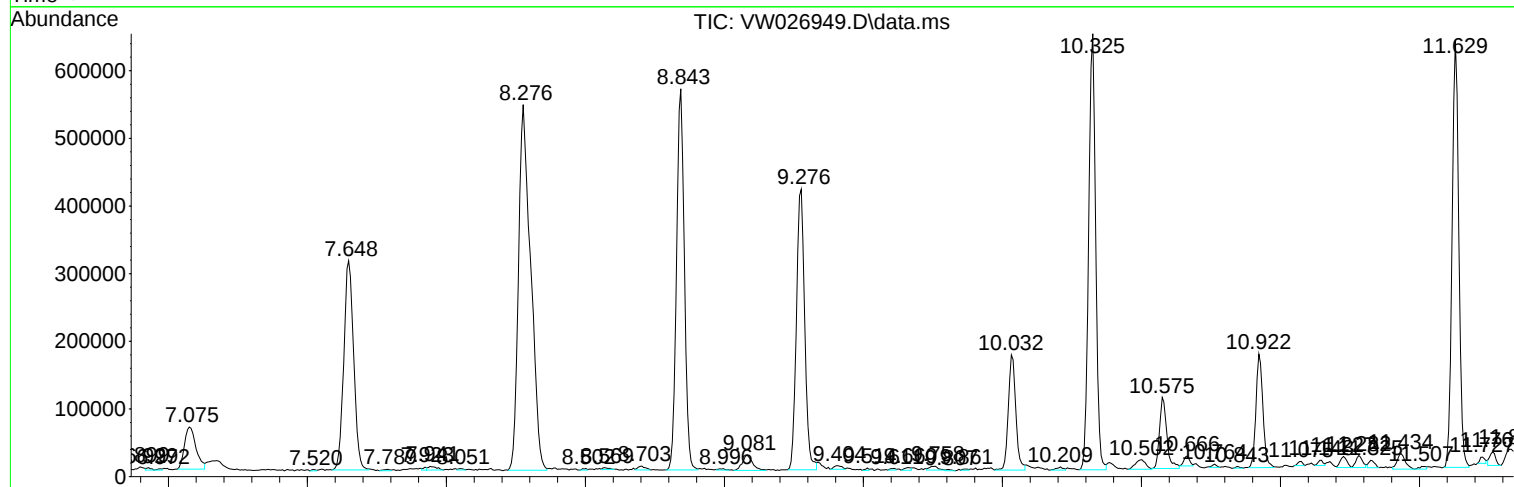
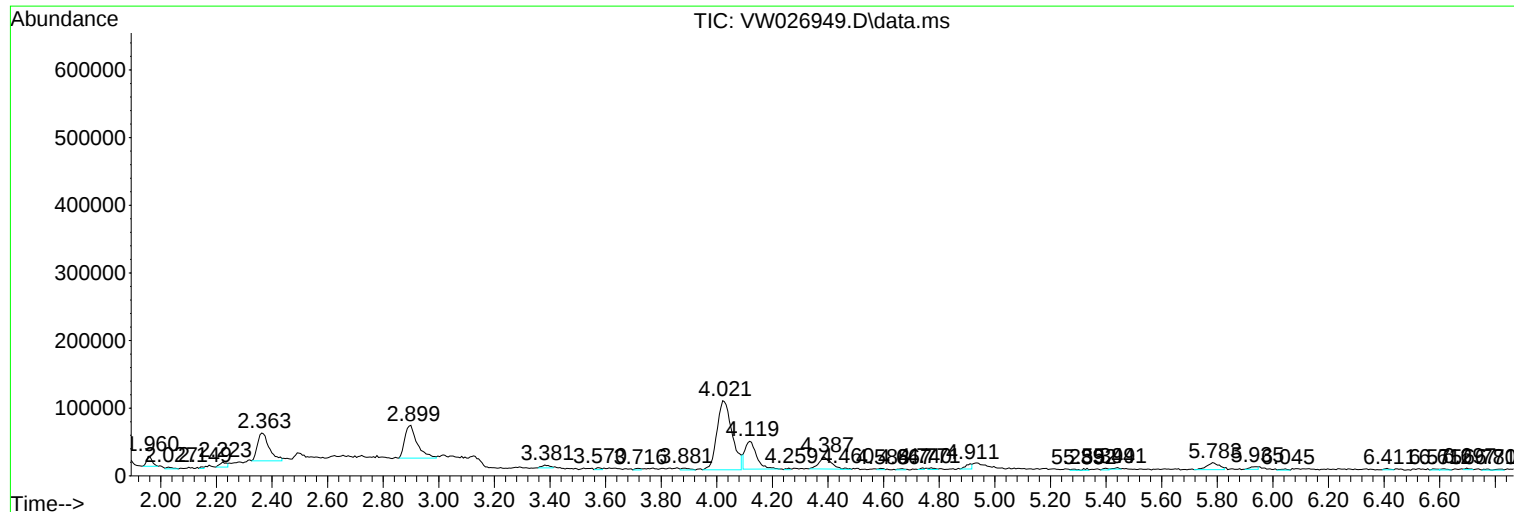
Sum of corrected areas: 12555434

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Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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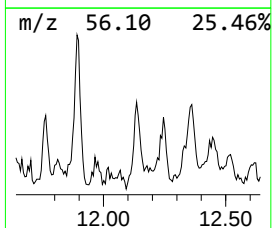
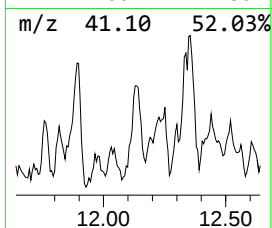
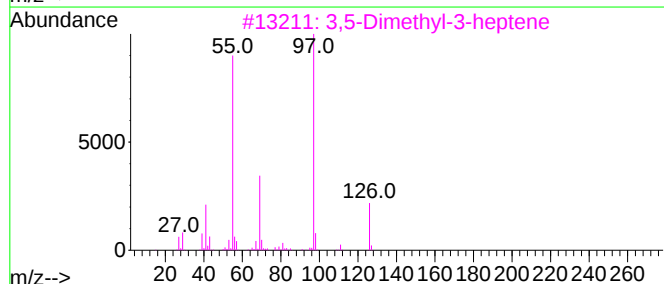
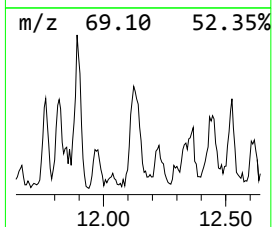
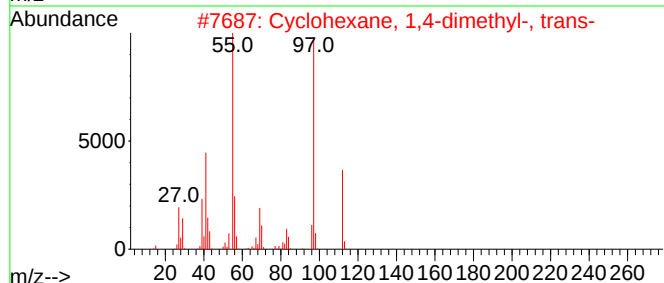
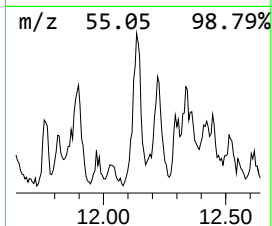
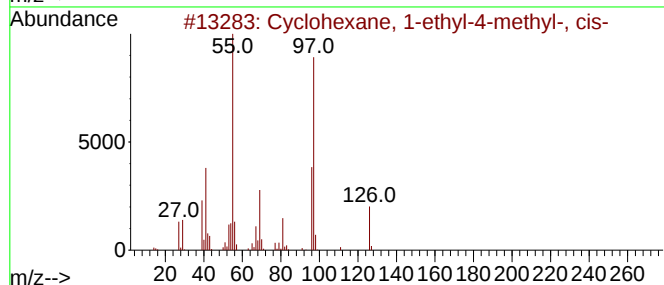
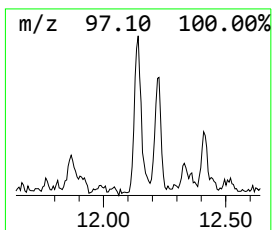
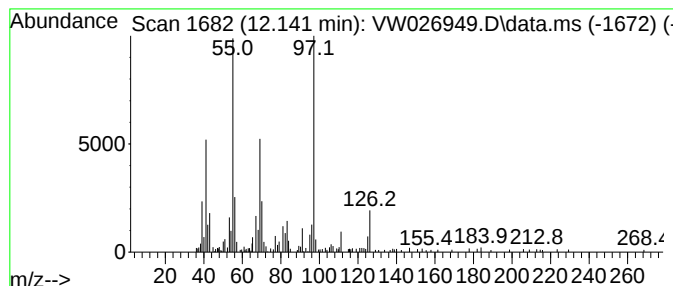
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.142 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.142	2.59 ug/L	109891	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
4			5-Hydroxymethylfurfural	126	C6H6O3	000067-47-0	43
5			2-Fluoropyridine	97	C5H4FN	000372-48-5	43



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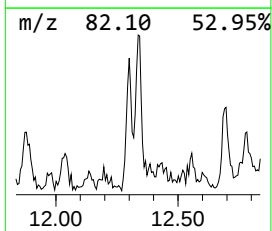
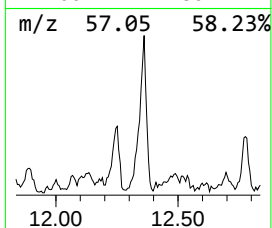
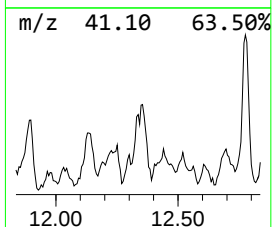
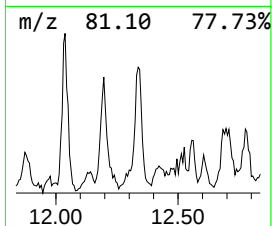
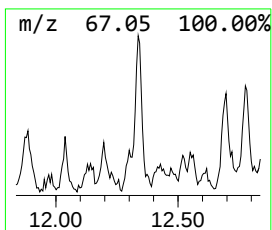
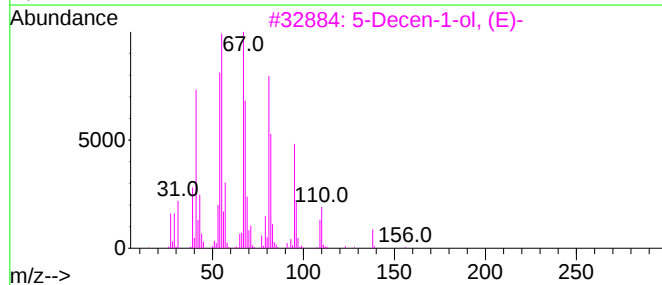
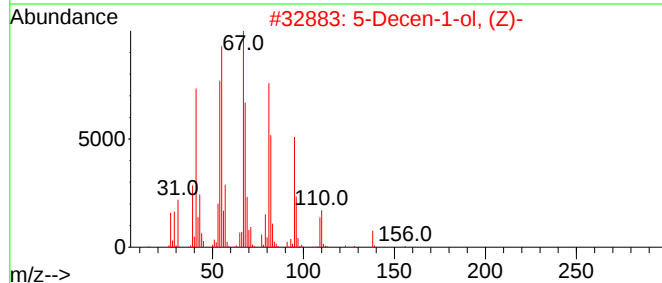
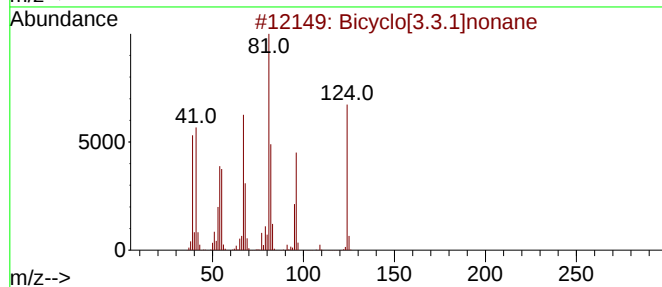
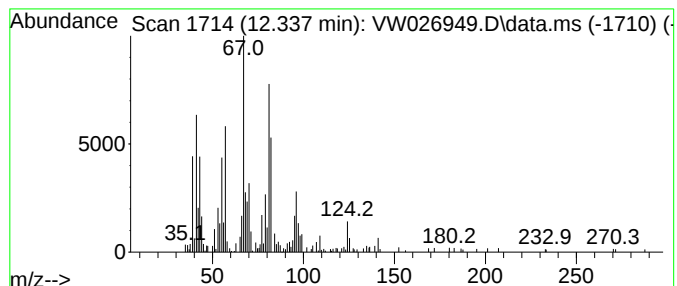
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Bicyclo[3.3.1]nonane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	3.23 ug/L	137234	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	68
2			5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	64
3			5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	64
4			Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	58
5			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	49



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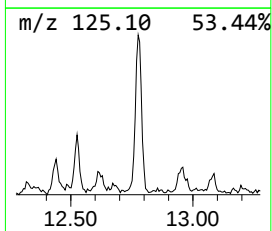
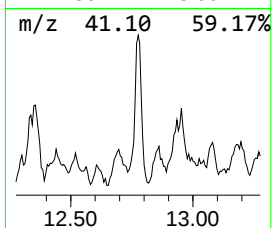
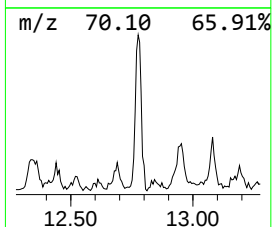
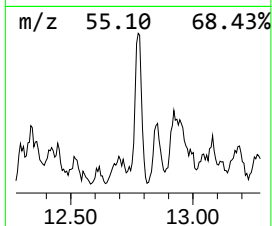
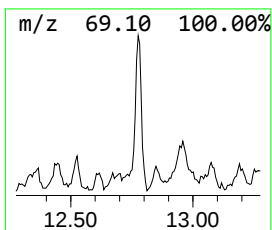
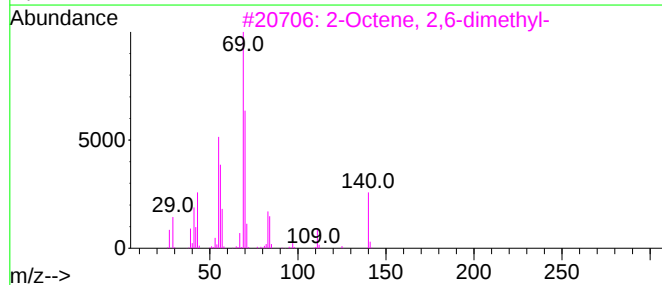
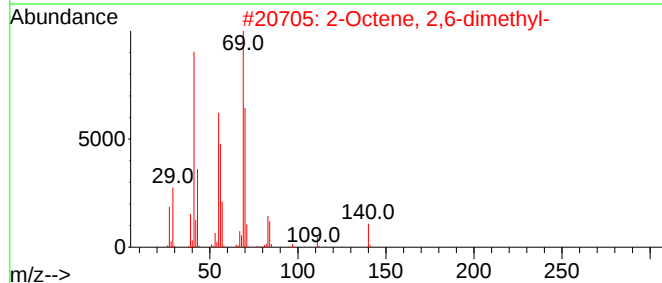
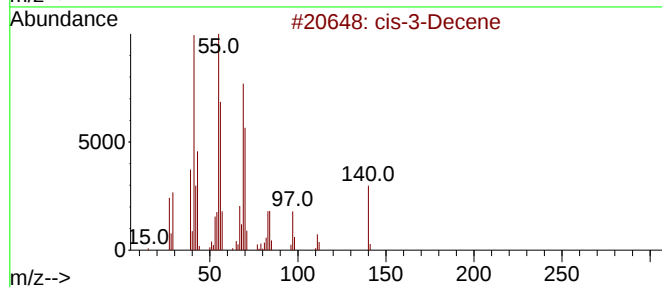
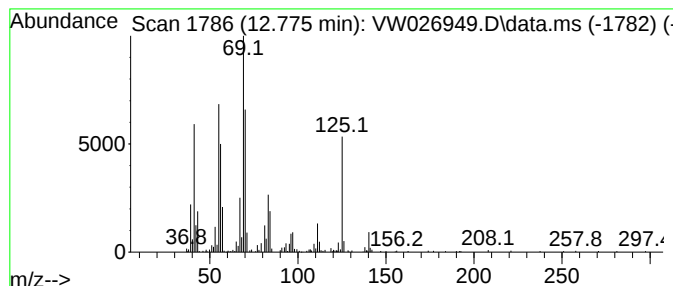
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	7.17 ug/L	171315	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-3-Decene	140	C10H20	019398-86-8	81
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	62
5			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

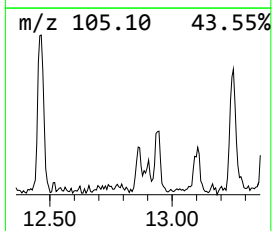
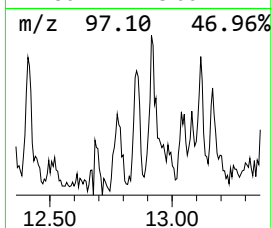
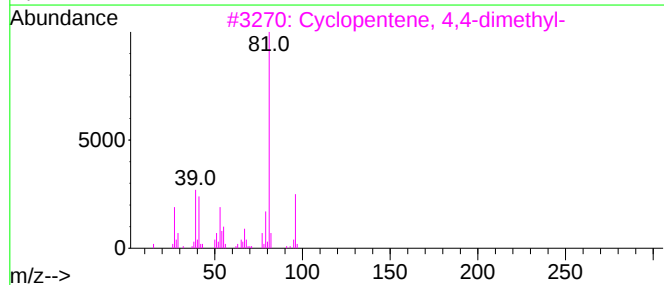
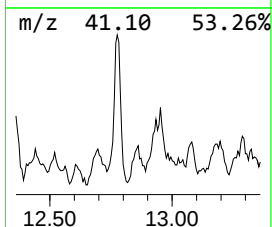
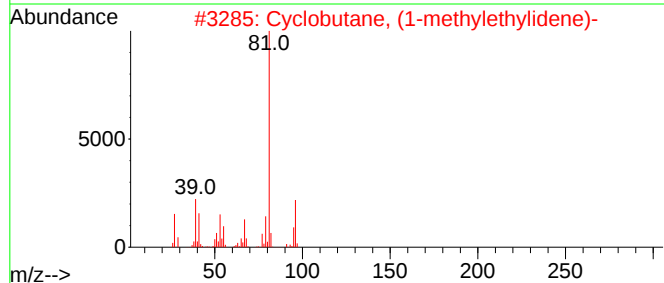
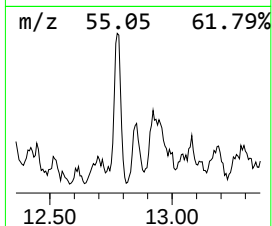
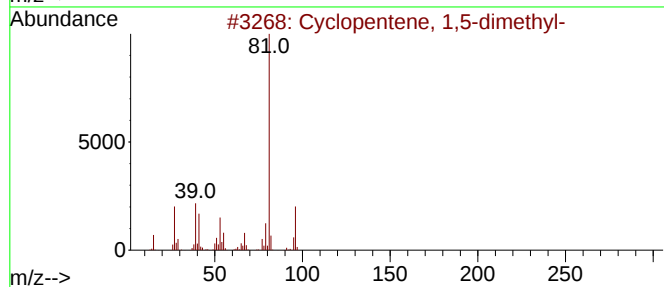
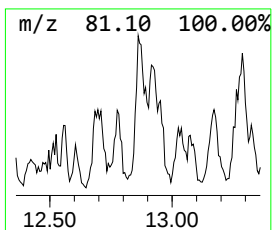
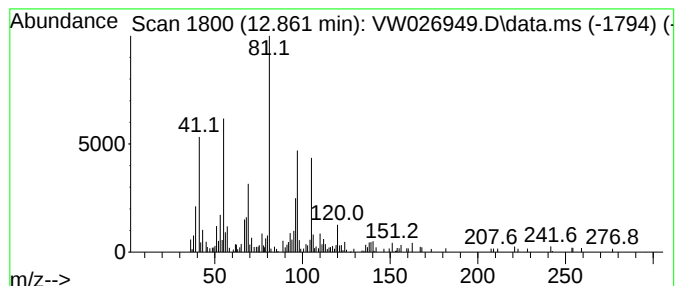
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Quant Title : SFAM01.0

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

Peak Number 8 Cyclopentene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	2.48 ug/L	59120	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	52
2			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	52
3			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	47
4			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	47
5			2,4-Octadienal, (E,E)-	124	C8H12O	030361-28-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

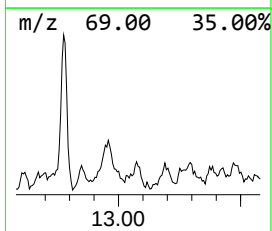
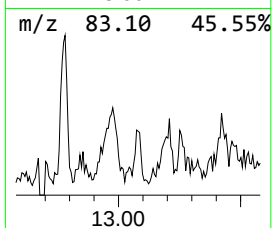
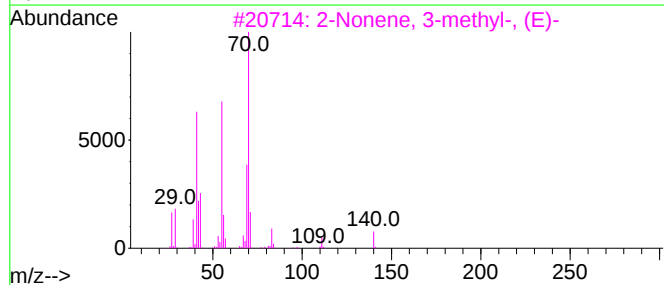
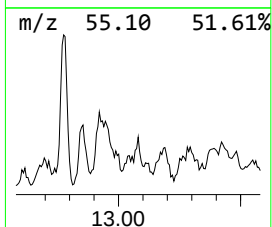
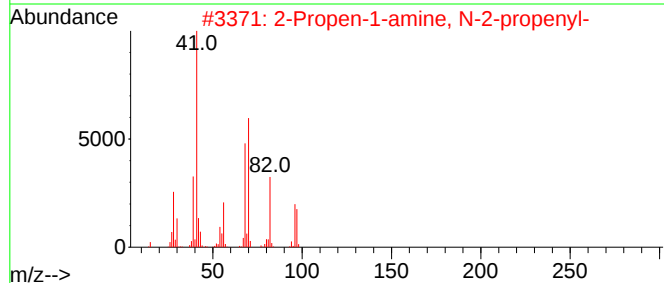
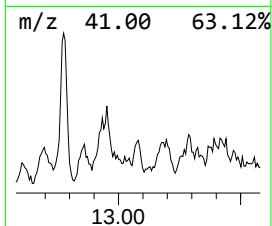
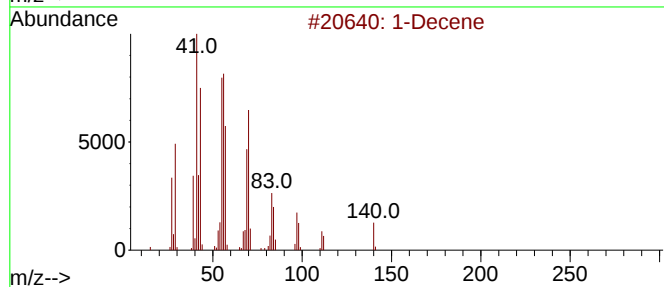
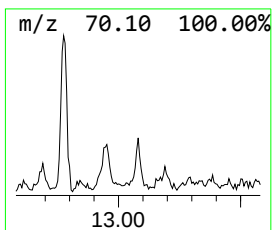
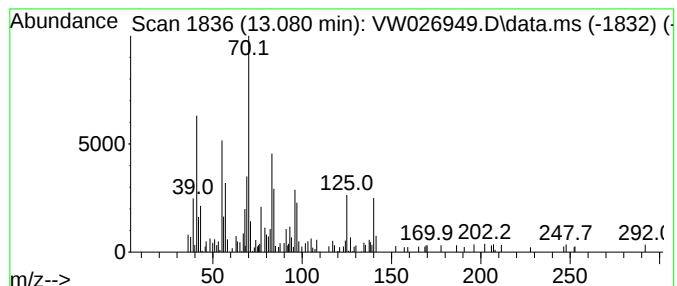
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	1.35 ug/L	32322	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decene	140	C10H20	000872-05-9	59
2			2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	38
3			2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	38
4			2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	38
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

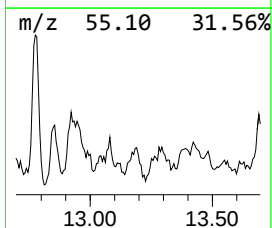
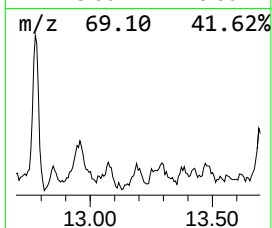
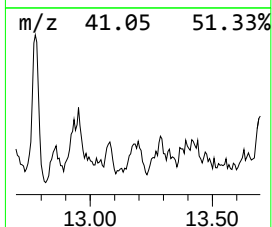
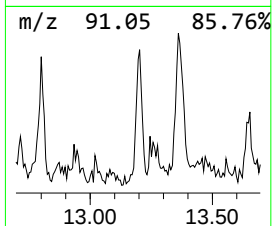
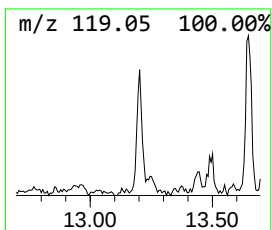
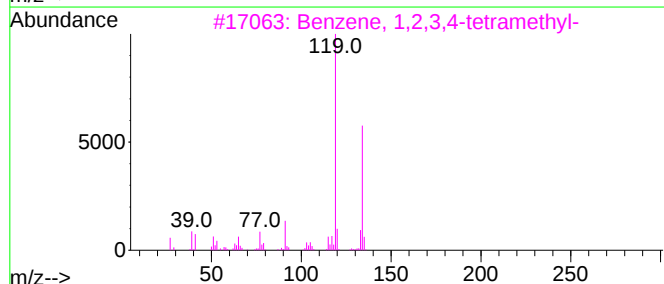
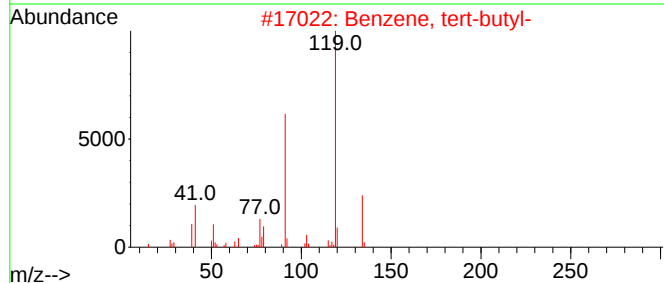
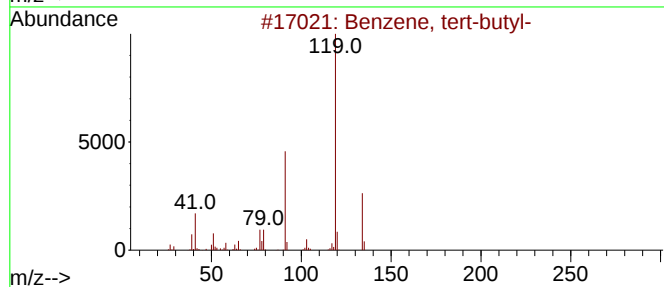
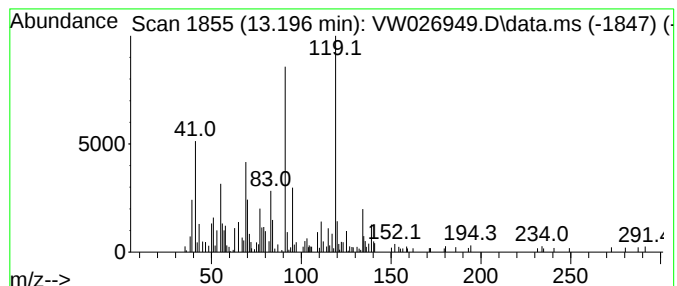
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.196	2.68 ug/L	64099	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, tert-butyl-	134	C10H14	000098-06-6	58
2			Benzene, tert-butyl-	134	C10H14	000098-06-6	58
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

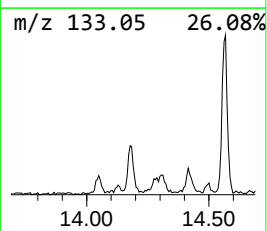
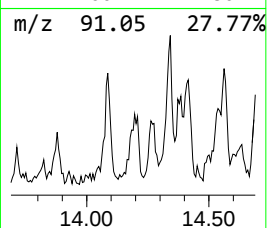
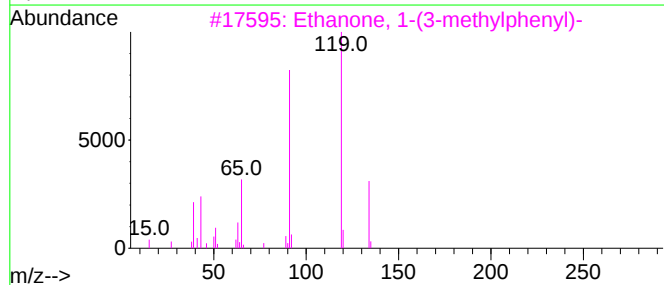
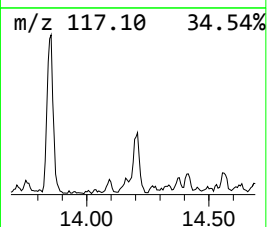
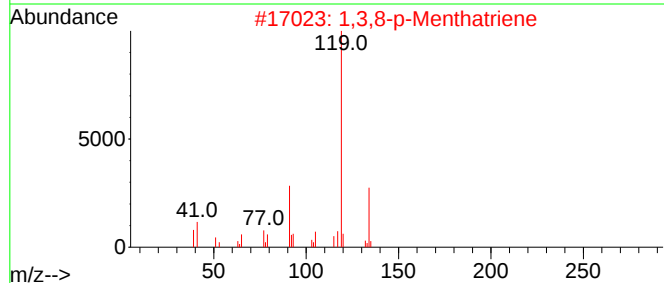
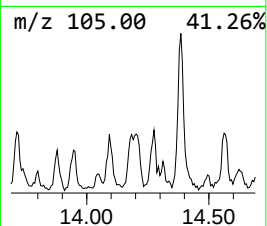
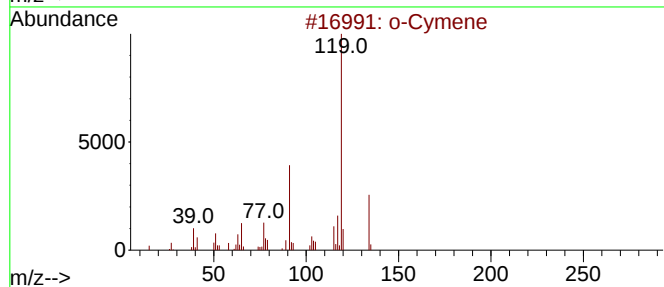
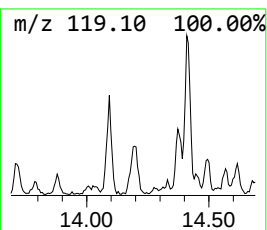
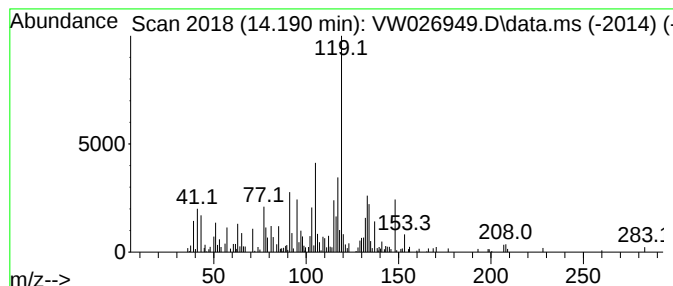
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	2.71 ug/L	64842	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	43
2			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	43
3			Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	41
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5			5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

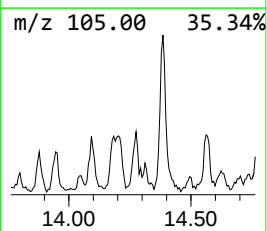
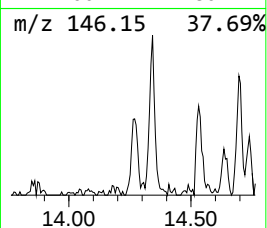
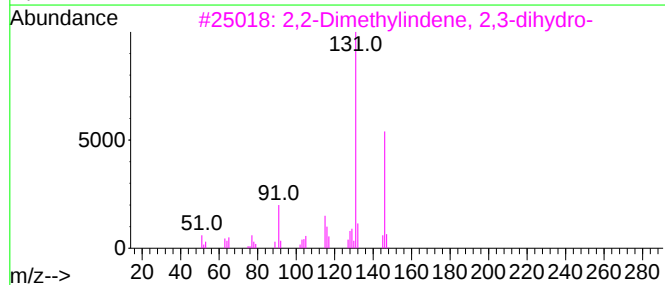
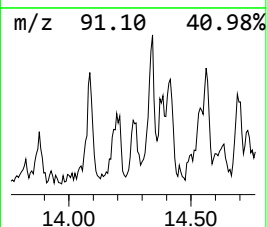
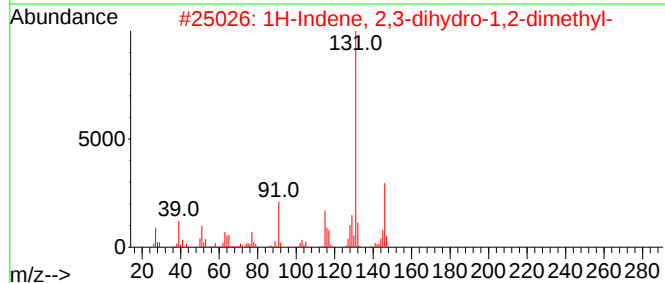
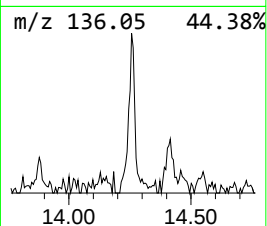
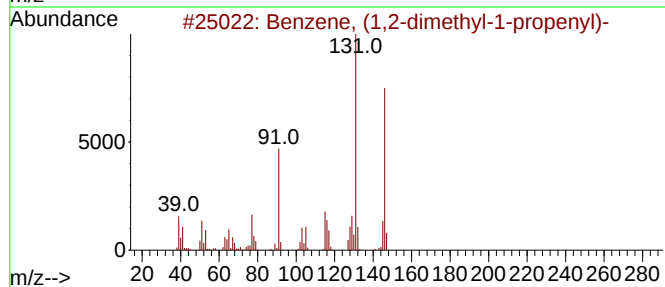
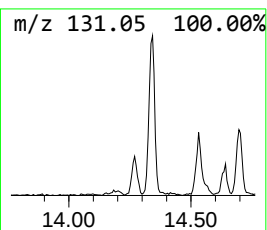
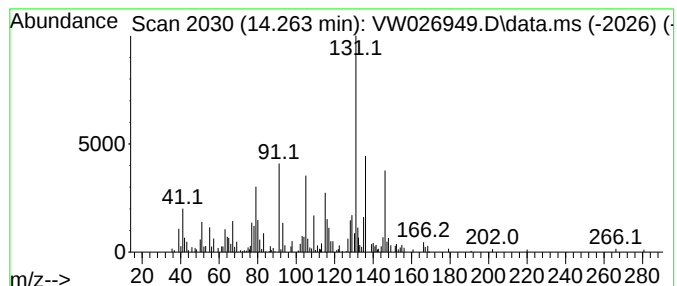
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	2.57 ug/L	61441	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	89
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

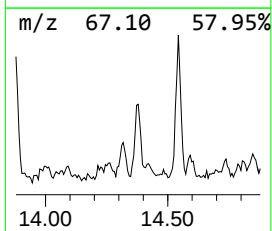
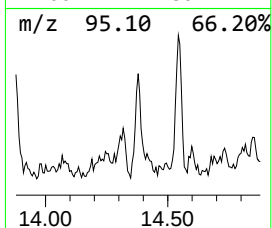
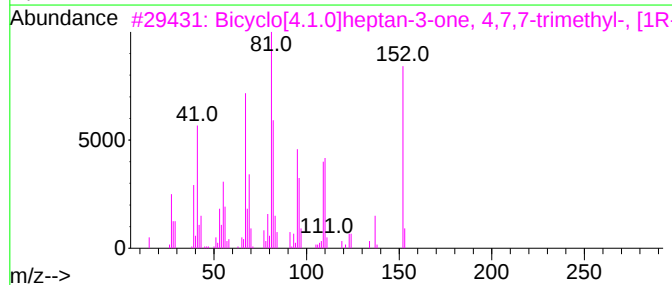
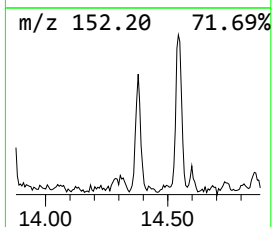
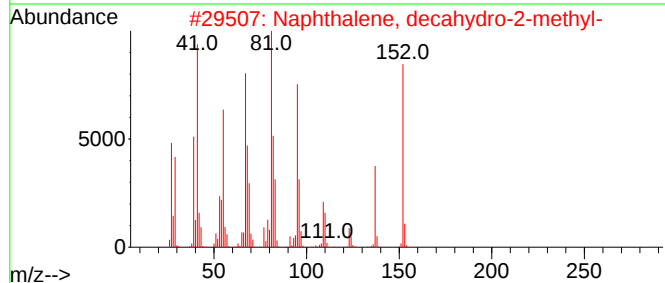
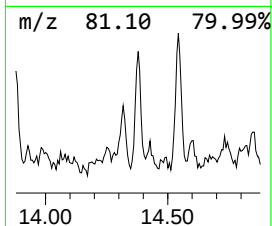
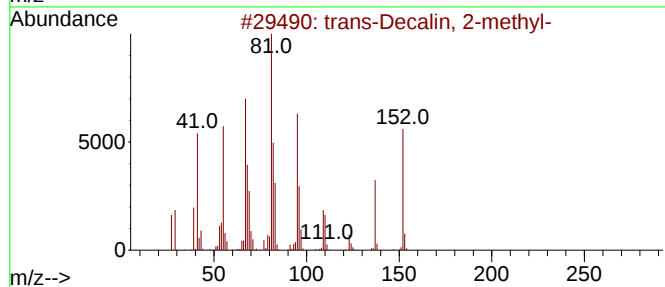
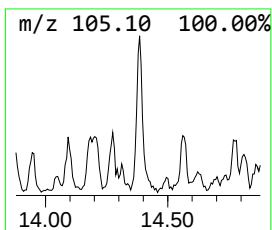
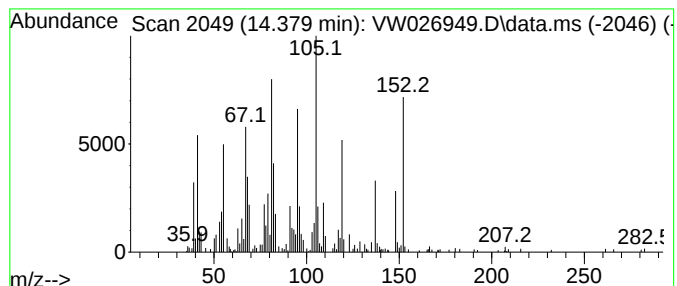
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Quant Title : SFAM01.0

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

Peak Number 13 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.65 ug/L	87160	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	64
4			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

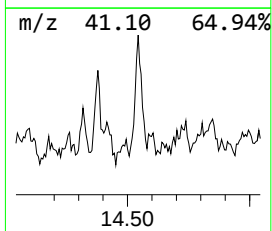
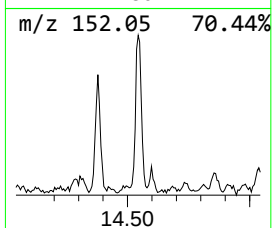
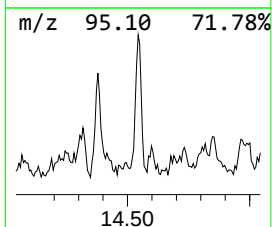
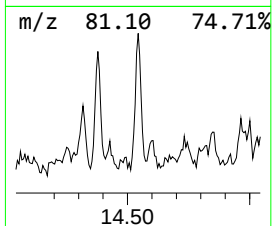
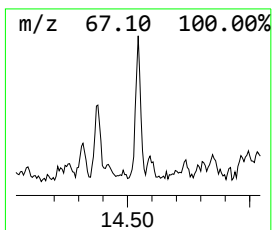
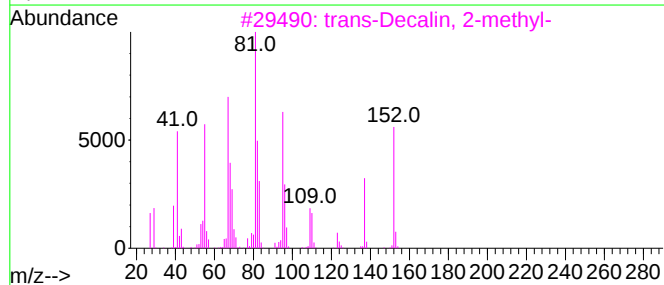
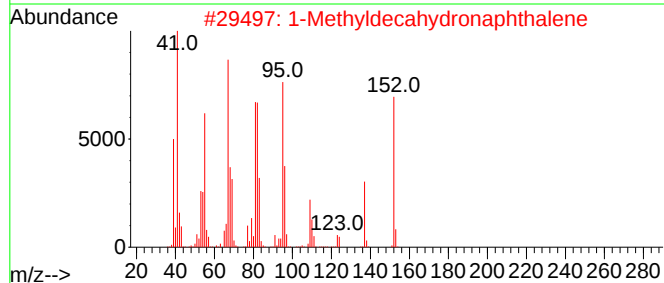
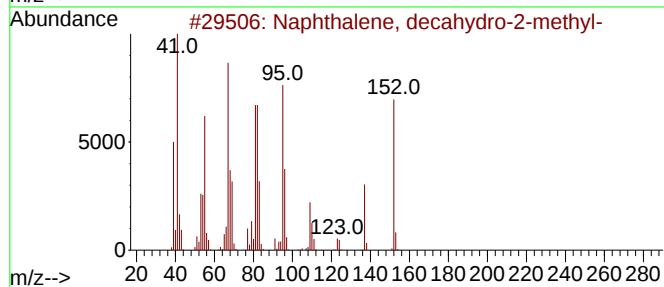
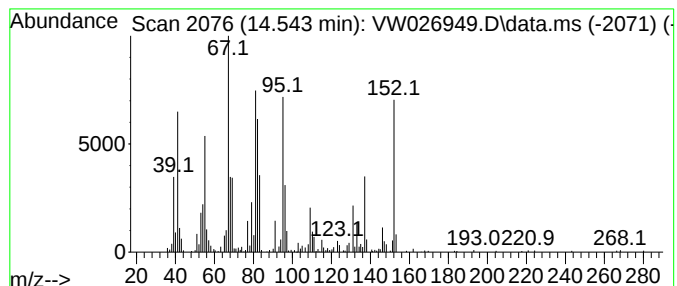
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Quant Title : SFAM01.0

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

Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	9.53 ug/L	227677	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

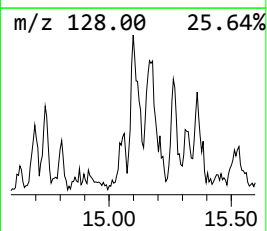
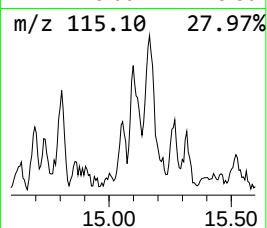
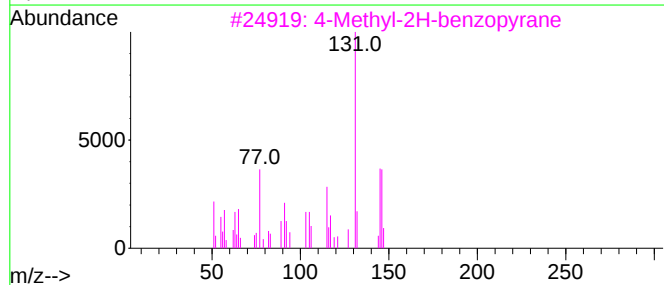
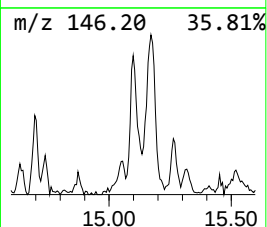
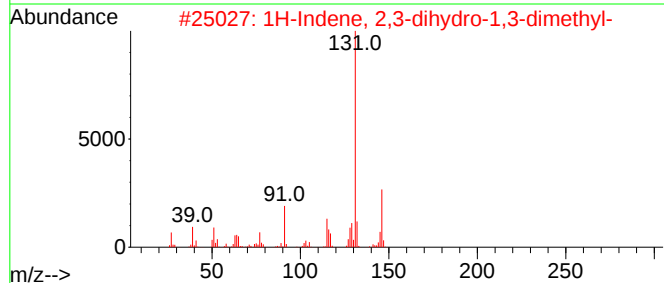
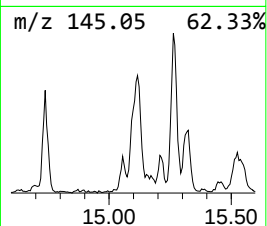
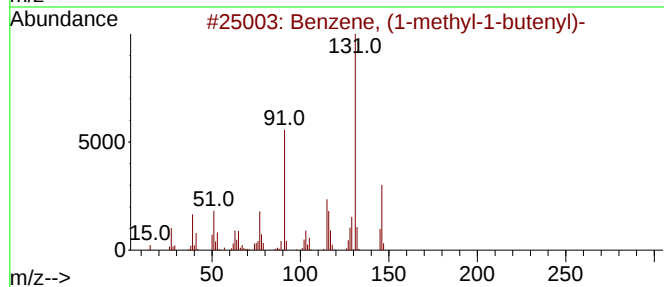
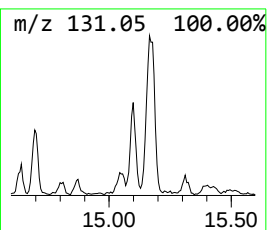
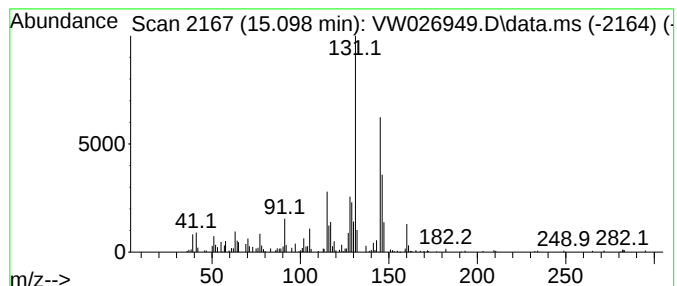
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	4.56 ug/L	108859	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	49
3			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	47
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	47
5			Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

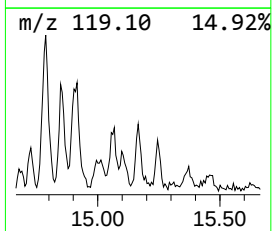
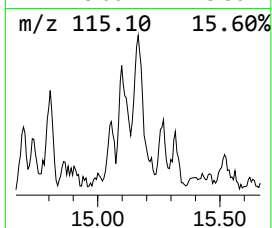
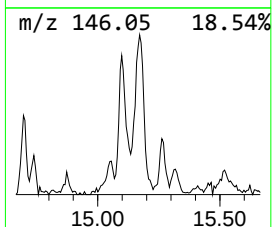
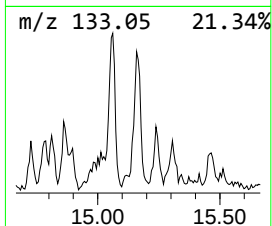
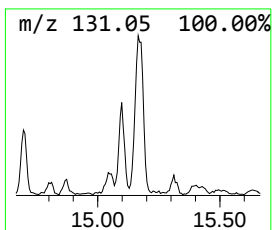
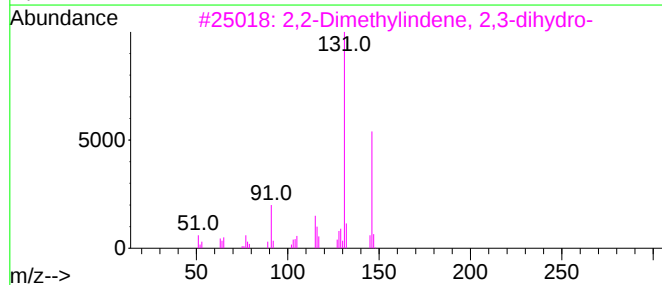
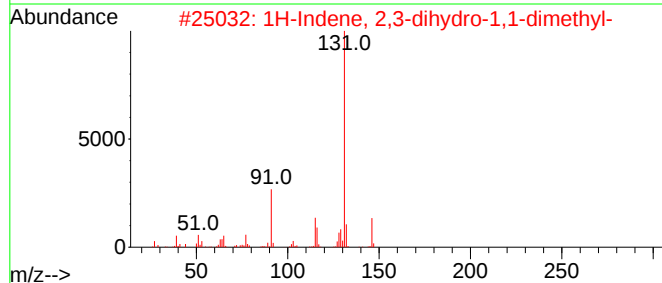
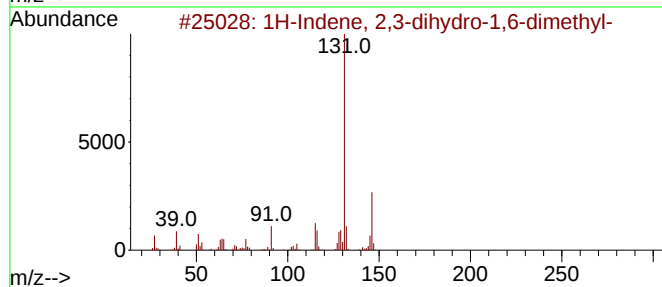
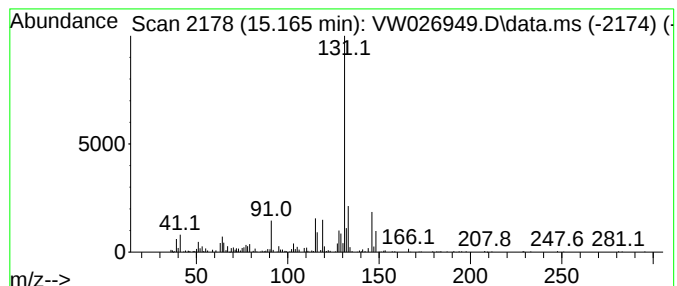
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Quant Title : SFAM01.0

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

Peak Number 16 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	6.20 ug/L	148174	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

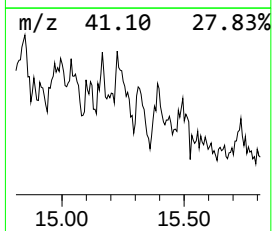
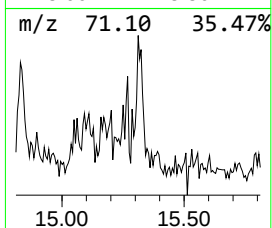
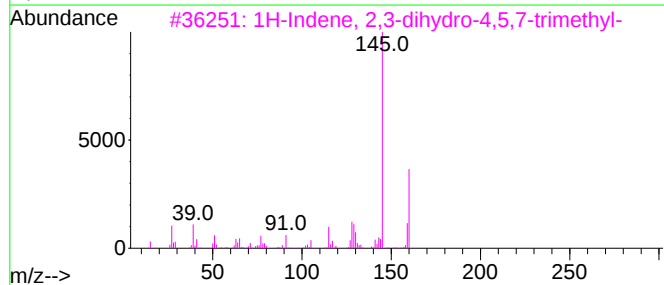
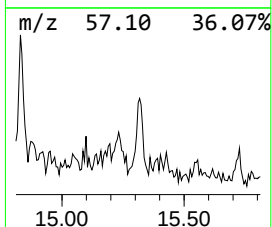
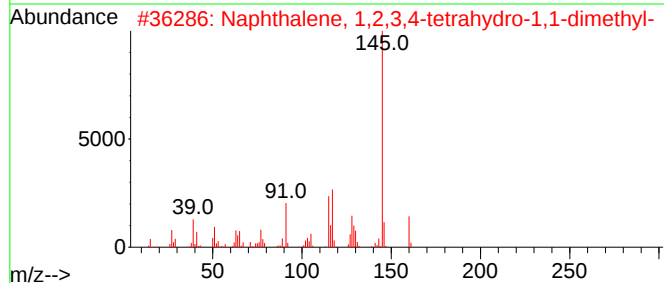
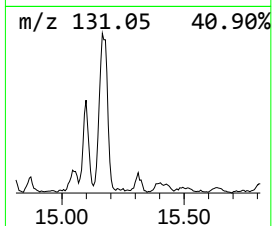
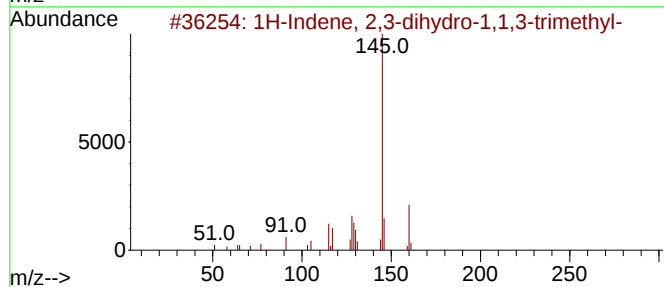
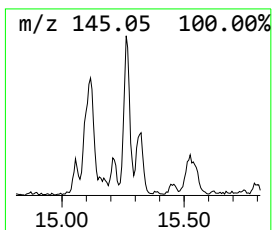
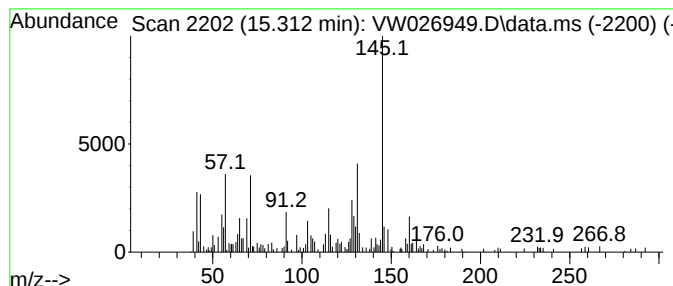
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Quant Title : SFAM01.0

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

Peak Number 17 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	2.93 ug/L	70086	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	70
3			1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	62
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	53
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
Data File : VW026949.D
Acq On : 29 Aug 2023 14:35
Operator : SY/MD
Sample : 04175-20
Misc : 5.60g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYD3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	12.142	2.6	ug/L	109891	2	11.629	1061180	25.0
Bicyclo[3.3.1]n...	12.337	3.2	ug/L	137234	2	11.629	1061180	25.0
(DEL) Alkane: S...	12.775	7.2	ug/L	171315	3	13.556	597089	25.0
Cyclopentene, 1...	12.861	2.5	ug/L	59120	3	13.556	597089	25.0
(DEL) Alkane: S...	13.080	1.4	ug/L	32322	3	13.556	597089	25.0
Benzene, tert-b...	13.196	2.7	ug/L	64099	3	13.556	597089	25.0
unknown-01	14.190	2.7	ug/L	64842	3	13.556	597089	25.0
Benzene, (1,2-d...	14.263	2.6	ug/L	61441	3	13.556	597089	25.0
trans-Decalin, ...	14.379	3.6	ug/L	87160	3	13.556	597089	25.0
Naphthalene, de...	14.544	9.5	ug/L	227677	3	13.556	597089	25.0
Benzene, (1-met...	15.098	4.6	ug/L	108859	3	13.556	597089	25.0
1H-Indene, 2,3-...	15.165	6.2	ug/L	148174	3	13.556	597089	25.0
1H-Indene, 2,3-...	15.312	2.9	ug/L	70086	3	13.556	597089	25.0