

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018904.D
 Acq On : 03 May 2021 17:21
 Operator : SY/VA
 Sample : M2209-17
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7F2

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\SFAMWLM042921SMA.M

Title : SFAM01.0

Signal : TIC: VW018904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	11	14	22	rVB2	7005	13959	0.01%	0.008%
2	2.203	35	49	50	rBV2	45496	114628	0.10%	0.064%
3	2.355	69	74	86	rVB	104349	231786	0.20%	0.130%
4	2.891	156	162	173	rVB	89539	233922	0.21%	0.131%
5	4.031	336	349	363	rBV	175160	622683	0.55%	0.349%
6	4.397	397	409	422	rBV2	15047	62961	0.06%	0.035%
7	4.934	486	497	514	rVV	23389	101724	0.09%	0.057%
8	5.043	514	515	521	rVV5	1582	2399	0.00%	0.001%
9	5.117	523	527	533	rVV6	1256	1946	0.00%	0.001%
10	5.409	570	575	578	rBV5	2154	3570	0.00%	0.002%
11	5.434	578	579	588	rVV7	2774	5078	0.00%	0.003%
12	5.793	628	638	648	rVB5	3784	13049	0.01%	0.007%
13	5.946	650	663	672	rBV7	4647	15558	0.01%	0.009%
14	7.086	841	850	855	rBV	51418	138754	0.12%	0.078%
15	7.653	932	943	958	rBV	290195	756403	0.67%	0.424%
16	7.939	986	990	991	rVV3	1781	2198	0.00%	0.001%
17	7.958	991	993	999	rVB6	2017	2778	0.00%	0.002%
18	8.281	1034	1046	1070	rBV2	577632	1902924	1.67%	1.066%
19	8.555	1087	1091	1095	rVV6	2535	5292	0.00%	0.003%
20	8.707	1110	1116	1124	rVB8	3993	10391	0.01%	0.006%
21	8.848	1126	1139	1154	rBV	597372	1255719	1.11%	0.703%
22	9.098	1167	1180	1194	rBV	1520736	3168241	2.79%	1.775%
23	9.274	1198	1209	1226	rBV	376680	824401	0.73%	0.462%
24	9.768	1285	1290	1291	rBV5	2601	3805	0.00%	0.002%
25	9.908	1302	1313	1320	rBV5	6950	25554	0.02%	0.014%
26	10.037	1325	1334	1343	rBV	213380	410410	0.36%	0.230%
27	10.213	1360	1363	1371	rBV7	4533	11437	0.01%	0.006%
28	10.329	1372	1382	1391	rBV	626088	1450450	1.28%	0.813%
29	10.585	1417	1424	1433	rVB	126038	255830	0.23%	0.143%
30	10.671	1436	1438	1441	rBV4	2294	2850	0.00%	0.002%
31	10.774	1450	1455	1460	rBV	34495	59698	0.05%	0.033%
32	10.860	1461	1469	1480	rBV	43519778	113635891	100.00%	63.656%
33	11.024	1493	1496	1500	rVB	38702516	40041531	35.24%	22.430%
34	11.445	1563	1565	1574	rVB2	31833	50271	0.04%	0.028%
35	11.524	1574	1578	1583	rVB	14546	23192	0.02%	0.013%
36	11.646	1591	1598	1606	rVB	619396	1060053	0.93%	0.594%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Title : SFAM01.0

37	11.737	1608	1613	1618	rVB2	27586	45359	0.04%	0.025%
38	11.847	1624	1631	1641	rBV2	153079	301490	0.27%	0.169%
39	11.920	1641	1643	1648	rVB4	12769	18999	0.02%	0.011%
40	12.170	1673	1684	1691	rBV3	68172	191929	0.17%	0.108%
41	12.256	1691	1698	1702	rVB2	30804	66858	0.06%	0.037%
42	12.317	1703	1708	1709	rBV2	15996	25938	0.02%	0.015%
43	12.347	1709	1713	1716	rVV2	27352	54406	0.05%	0.030%
44	12.390	1718	1720	1724	rVB2	31825	40187	0.04%	0.023%
45	12.469	1729	1733	1737	rVV4	18677	35084	0.03%	0.020%
46	12.512	1737	1740	1742	rVV4	15285	24084	0.02%	0.013%
47	12.542	1743	1745	1747	rVV3	26351	32968	0.03%	0.018%
48	12.573	1747	1750	1752	rVV4	38109	55089	0.05%	0.031%
49	12.603	1752	1755	1760	rVB3	42955	78723	0.07%	0.044%
50	12.652	1760	1763	1765	rBV	21743	24992	0.02%	0.014%
51	12.695	1765	1770	1777	rVB	270590	434881	0.38%	0.244%
52	12.804	1777	1788	1793	rVB3	61146	178064	0.16%	0.100%
53	12.871	1793	1799	1802	rBV	180921	311678	0.27%	0.175%
54	12.938	1805	1810	1817	rVB2	339159	676851	0.60%	0.379%
55	13.036	1823	1826	1830	rVB2	17054	22659	0.02%	0.013%
56	13.109	1830	1838	1844	rBV	82065	178928	0.16%	0.100%
57	13.164	1844	1847	1850	rBV	53067	85904	0.08%	0.048%
58	13.249	1856	1861	1866	rBV	472271	737001	0.65%	0.413%
59	13.298	1866	1869	1873	rVB2	38743	55112	0.05%	0.031%
60	13.347	1874	1877	1878	rBV2	11002	12366	0.01%	0.007%
61	13.408	1884	1887	1890	rBV	25202	30024	0.03%	0.017%
62	13.444	1890	1893	1897	rVV2	51504	67421	0.06%	0.038%
63	13.487	1897	1900	1903	rVV2	34511	42872	0.04%	0.024%
64	13.560	1907	1912	1930	rVB4	659453	1808438	1.59%	1.013%
65	13.719	1931	1938	1939	rBV6	41910	70372	0.06%	0.039%
66	13.755	1939	1944	1947	rVV2	146816	254957	0.22%	0.143%
67	13.792	1947	1950	1954	rVV3	138703	220209	0.19%	0.123%
68	13.865	1955	1962	1969	rVV3	714507	1622437	1.43%	0.909%
69	13.950	1972	1976	1980	rVB	53817	64566	0.06%	0.036%
70	14.011	1982	1986	1988	rVV	87097	129967	0.11%	0.073%
71	14.042	1988	1991	1995	rVV	111482	165393	0.15%	0.093%
72	14.097	1995	2000	2004	rVB	171767	251675	0.22%	0.141%
73	14.200	2012	2017	2022	rVB3	103969	172044	0.15%	0.096%
74	14.261	2022	2027	2033	rBV8	32638	65683	0.06%	0.037%
75	14.341	2033	2040	2044	rVV5	91483	188943	0.17%	0.106%
76	14.389	2044	2048	2050	rVV2	105652	173650	0.15%	0.097%

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 Title : SFAM01.0

77	14.420	2050	2053	2056	rVV2	155415	247995	0.22%	0.139%
78	14.456	2056	2059	2063	rVV	161174	231467	0.20%	0.130%
79	14.499	2063	2066	2069	rVV2	85936	118435	0.10%	0.066%
80	14.542	2070	2073	2079	rVB4	36848	63746	0.06%	0.036%
81	14.639	2086	2089	2092	rVB4	15132	19310	0.02%	0.011%
82	14.688	2093	2097	2098	rBV2	35294	46757	0.04%	0.026%
83	14.719	2098	2102	2108	rVB	381840	545480	0.48%	0.306%
84	14.792	2108	2114	2119	rBV3	136517	309765	0.27%	0.174%
85	14.834	2119	2121	2129	rVB2	69952	135331	0.12%	0.076%
86	14.956	2138	2141	2146	rVB6	15916	28200	0.02%	0.016%
87	15.005	2146	2149	2153	rBV5	9735	14269	0.01%	0.008%
88	15.060	2155	2158	2165	rVB4	26293	44323	0.04%	0.025%
89	15.164	2166	2175	2178	rBV5	36974	96209	0.08%	0.054%
90	15.243	2185	2188	2195	rVB2	48924	106764	0.09%	0.060%
91	15.322	2196	2201	2204	rBV2	77379	130486	0.11%	0.073%
92	15.365	2204	2208	2217	rVV	67355	145876	0.13%	0.082%
93	15.438	2217	2220	2227	rVB3	16915	28212	0.02%	0.016%
94	15.548	2233	2238	2246	rVB	240562	373777	0.33%	0.209%
95	15.670	2253	2258	2262	rVB5	11049	21162	0.02%	0.012%
96	16.090	2323	2327	2330	rBV4	15438	23778	0.02%	0.013%
97	16.139	2331	2335	2341	rVV5	16529	34829	0.03%	0.020%
98	16.212	2343	2347	2352	rVV3	22930	39546	0.03%	0.022%
99	16.279	2354	2358	2366	rVB4	22991	44245	0.04%	0.025%
100	16.493	2387	2393	2399	rBV	70637	125434	0.11%	0.070%

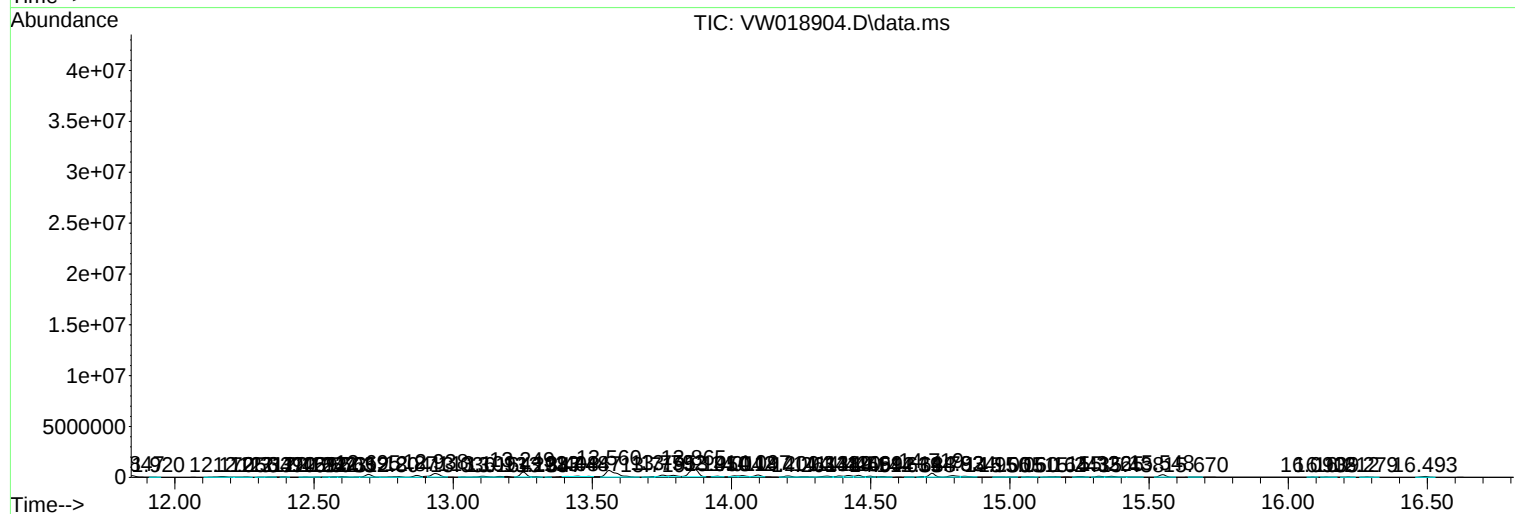
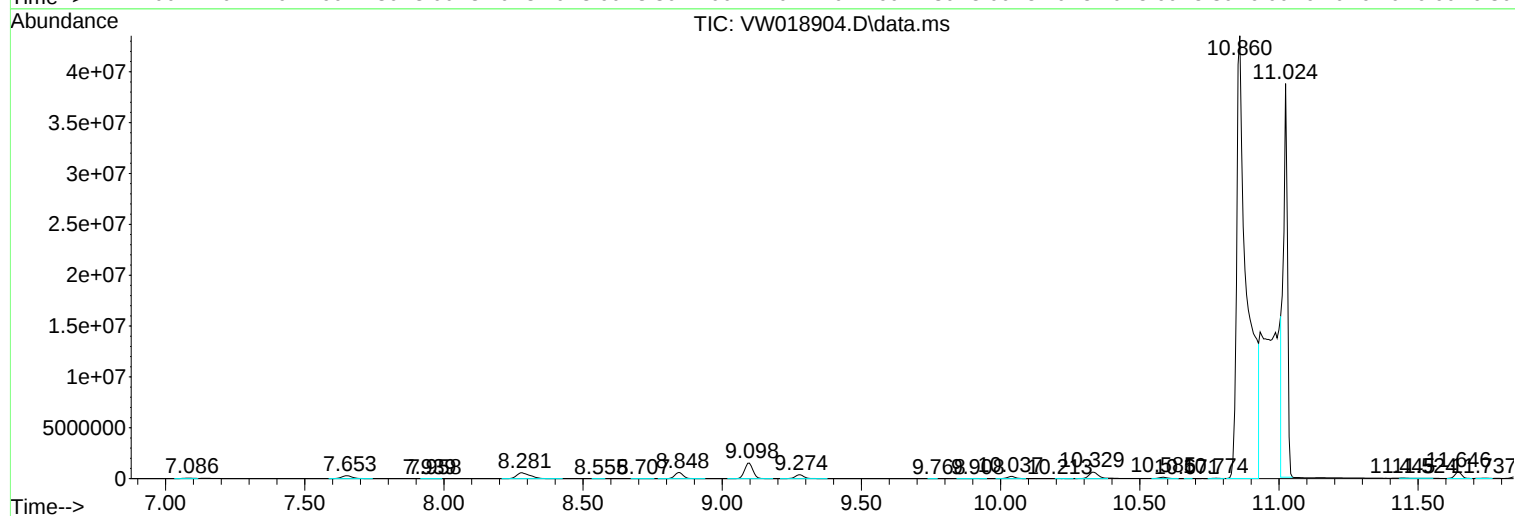
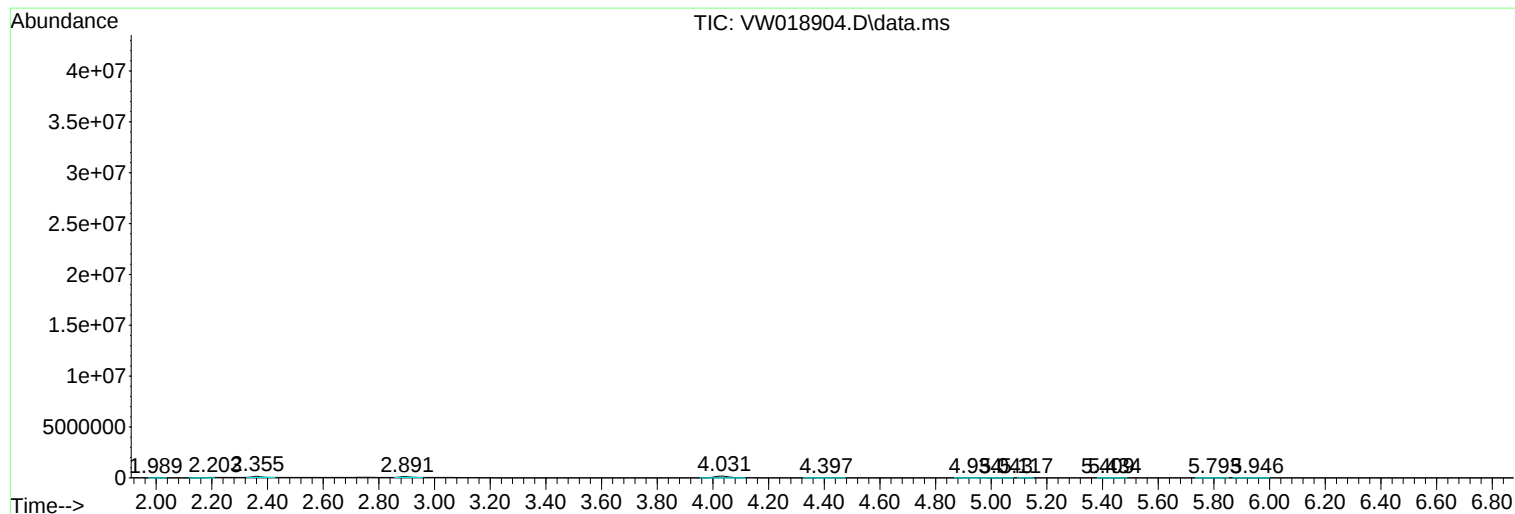
Sum of corrected areas: 178514933

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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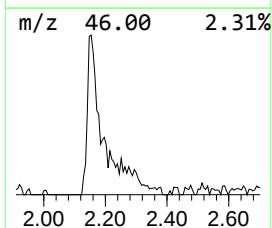
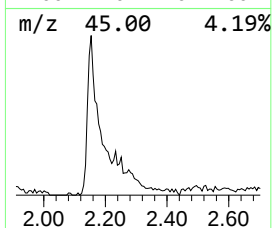
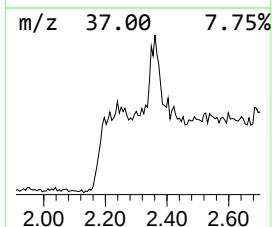
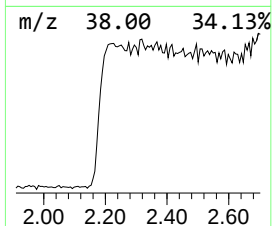
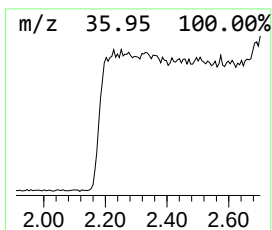
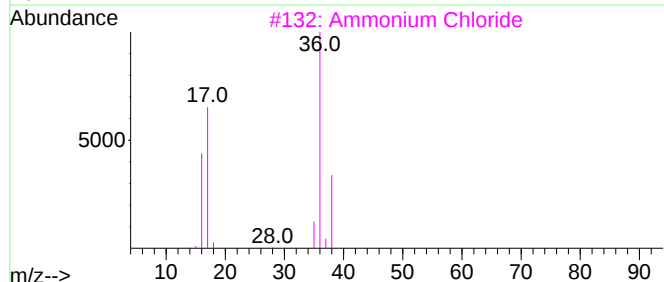
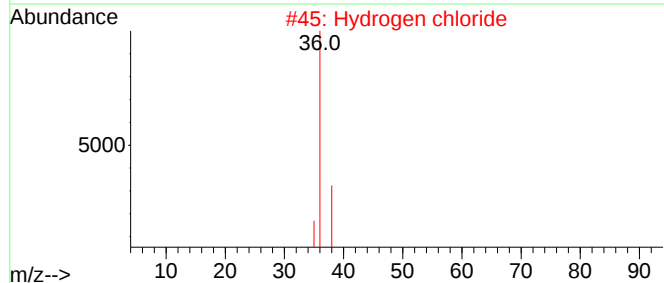
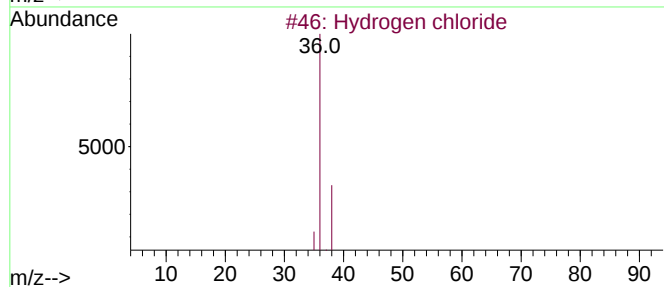
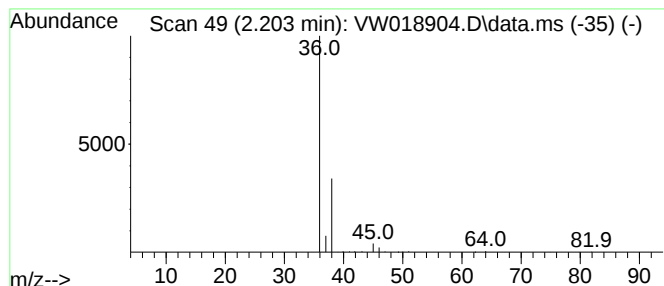
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.203	2.28 ug/L	114628	1,4-Difluorobenzene	8.848

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydrogen chloride	36	ClH	007647-01-0	9
2		Hydrogen chloride	36	ClH	007647-01-0	9
3		Ammonium Chloride	53	ClH4N	012125-02-9	4
4		Methanol-D4	36	CD4O	000811-98-3	2
5		2-Chloroethylamine	79	C2H6ClN	000689-98-5	1



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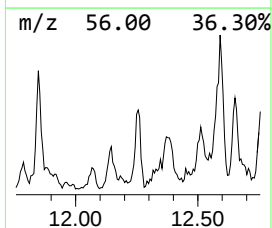
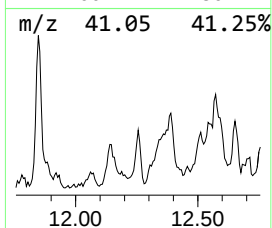
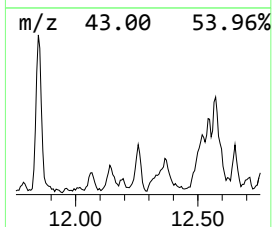
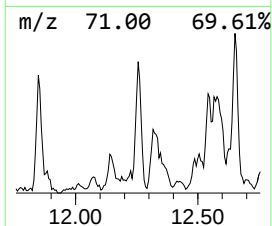
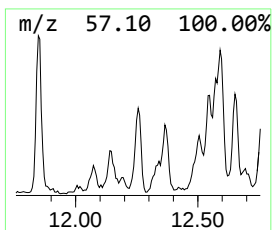
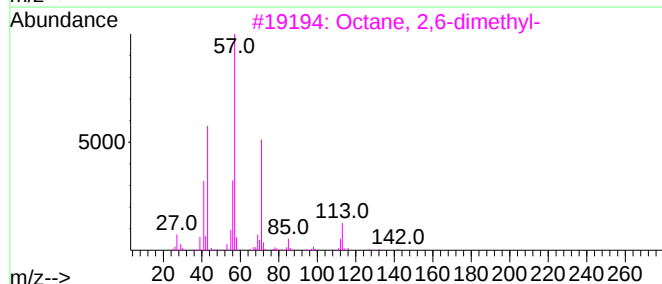
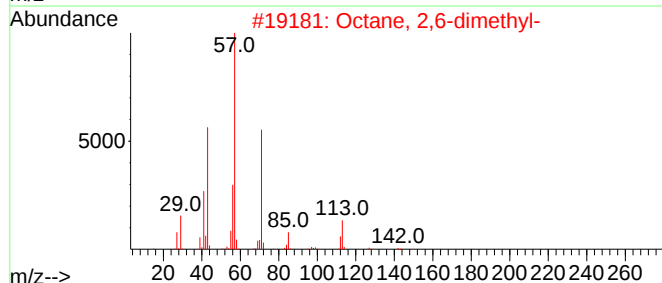
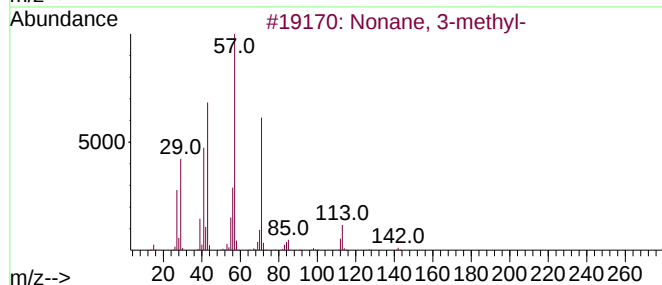
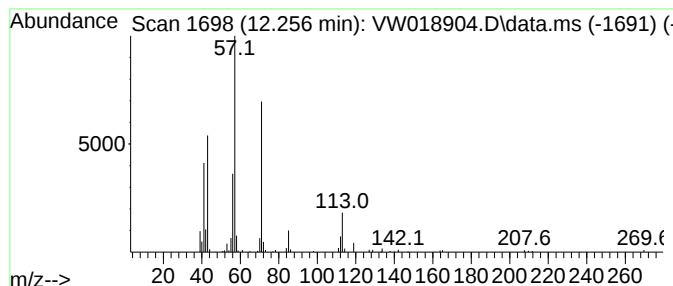
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.256	1.58 ug/L	66858	Chlorobenzene-d5	11.646

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68



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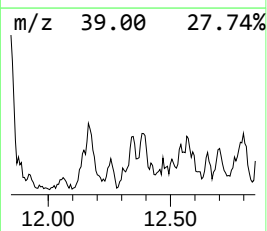
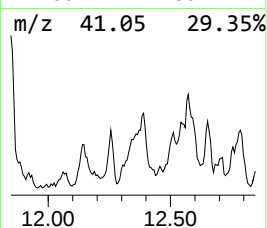
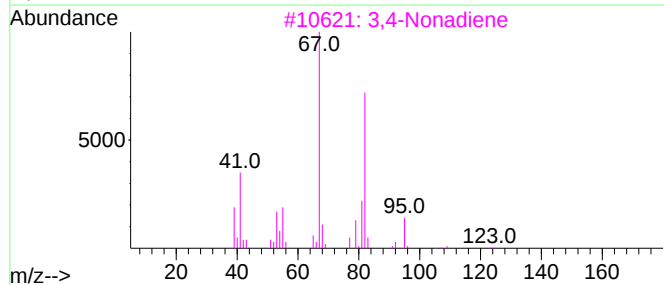
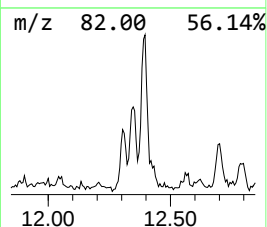
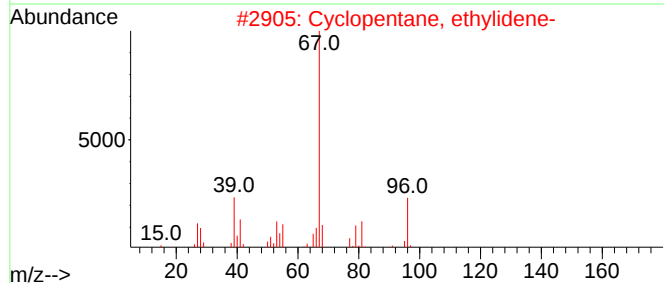
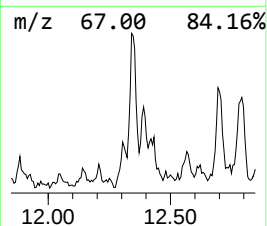
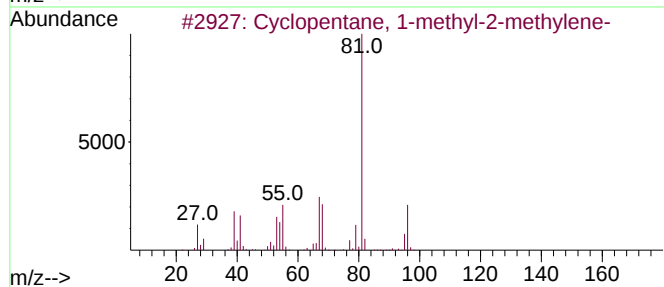
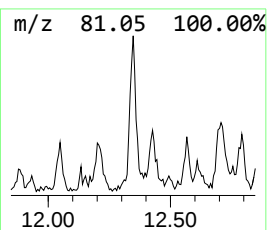
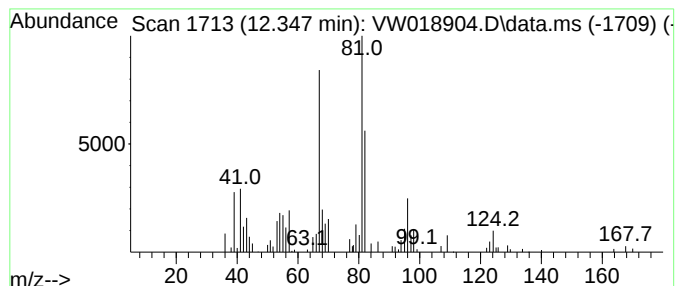
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.347	1.28 ug/L	54406	Chlorobenzene-d5	11.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	46
2			Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38
3			3,4-Nonadiene	124	C9H16	037050-03-6	38
4			Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	38
5			Ethylidenecycloheptane	124	C9H16	010494-87-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

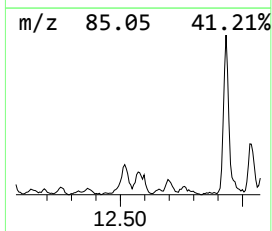
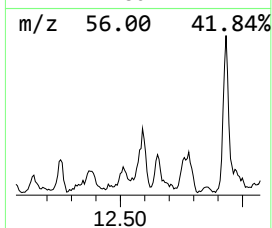
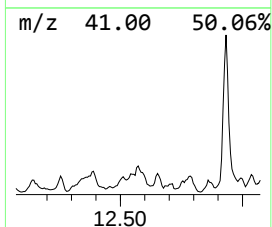
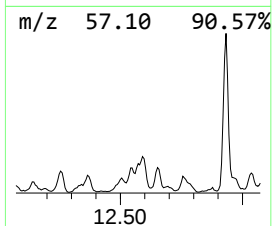
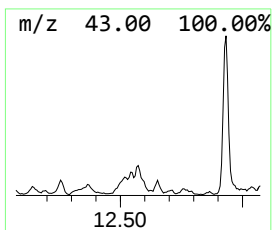
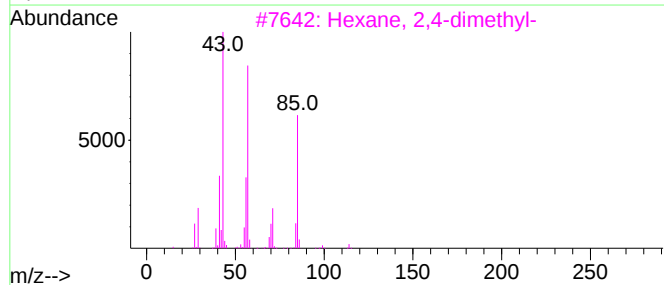
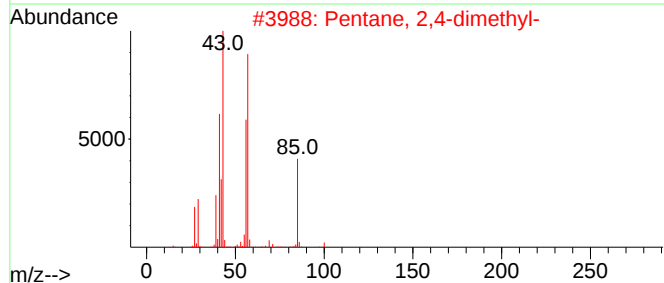
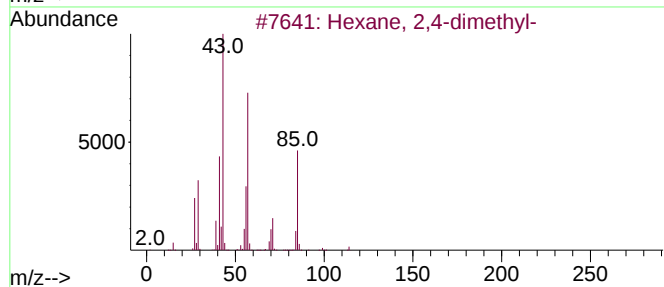
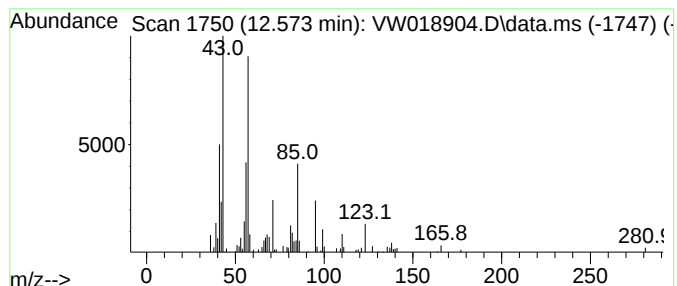
Instrument :
MSVOA_W
ClientSampleId :
BG7F2

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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.573	1.30 ug/L	55089	Chlorobenzene-d5		11.646	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	53
2	Pentane, 2,4-dimethyl-		100	C7H16	000108-08-7	52
3	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	50
4	Pentane, 2,4-dimethyl-		100	C7H16	000108-08-7	47
5	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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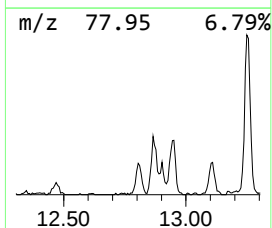
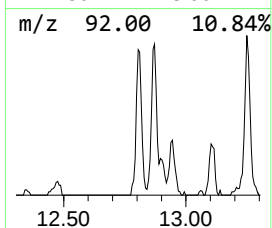
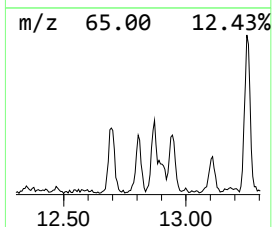
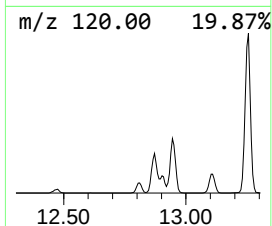
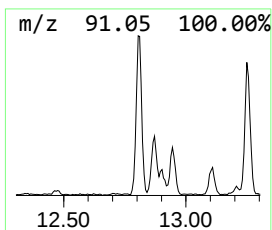
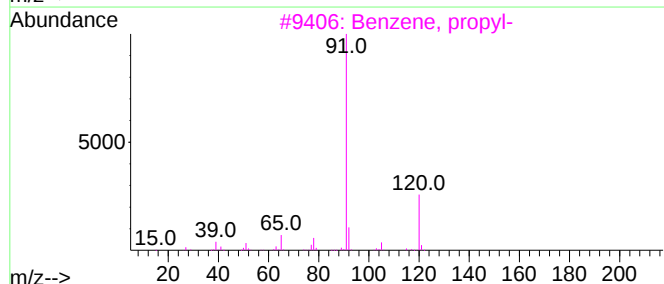
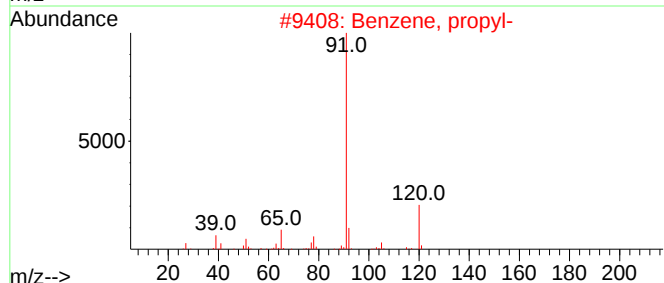
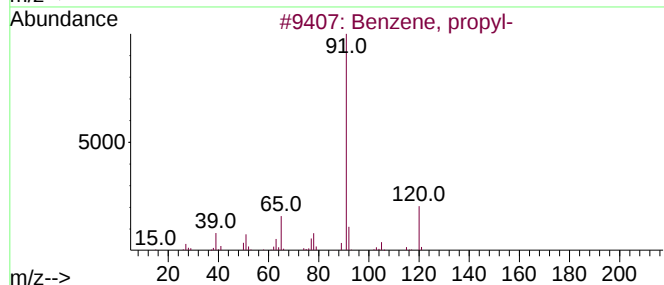
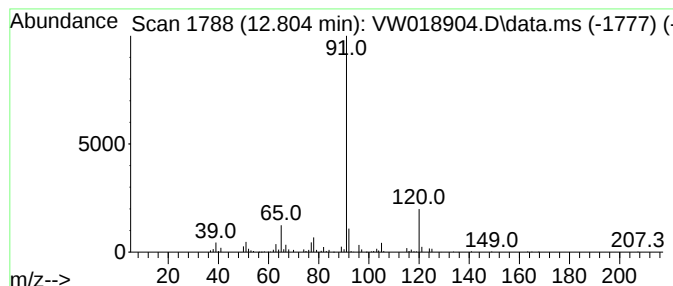
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	2.46 ug/L	178064	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	80
4			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5			Benzeneacetaldehyde	120	C8H8O	000122-78-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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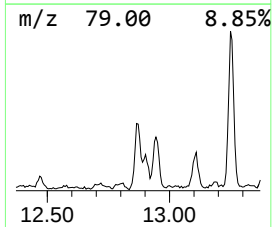
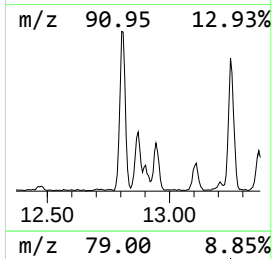
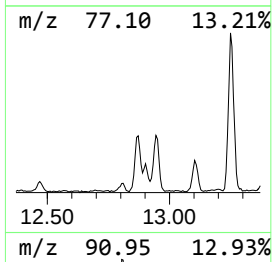
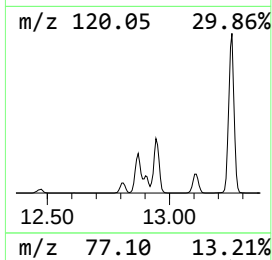
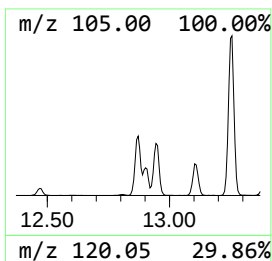
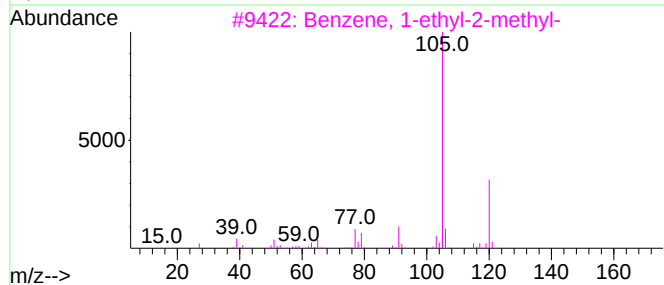
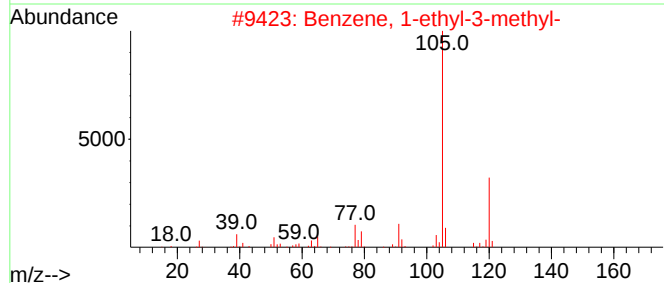
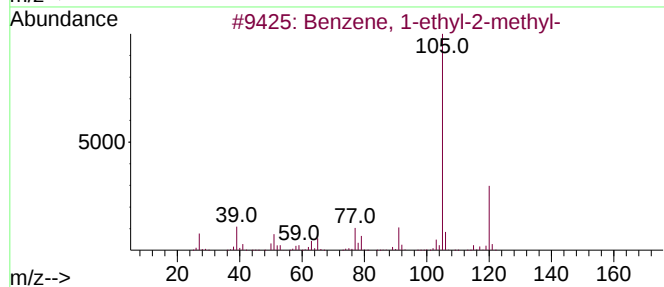
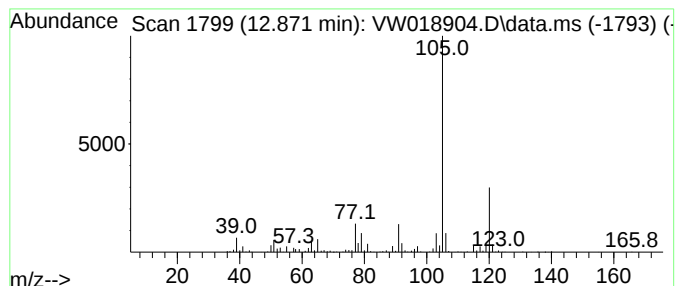
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	4.31 ug/L	311678	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
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	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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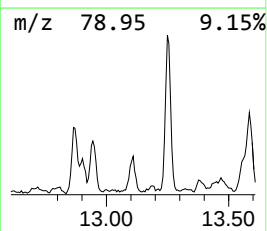
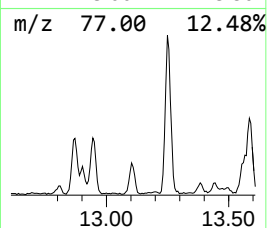
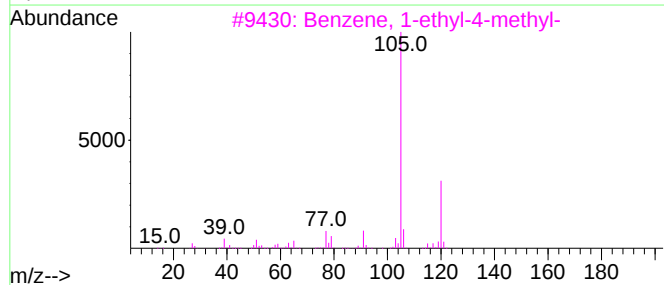
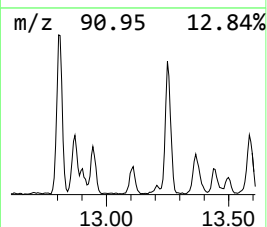
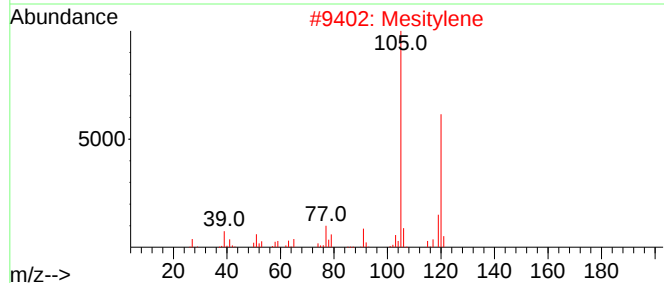
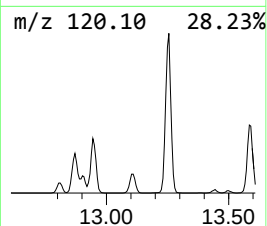
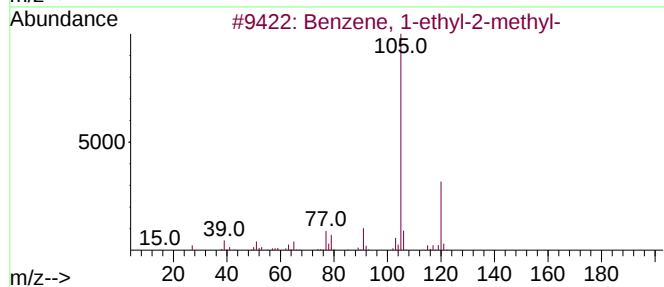
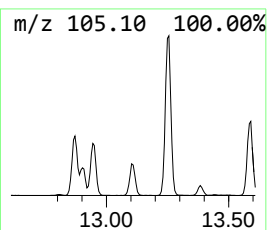
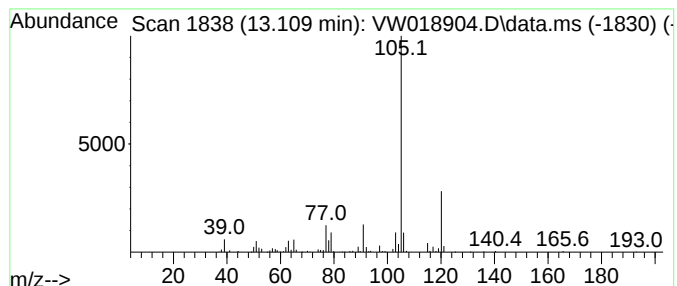
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.109	2.47 ug/L	178928	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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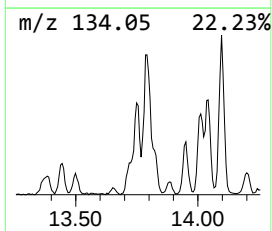
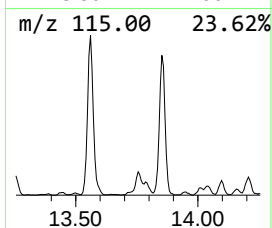
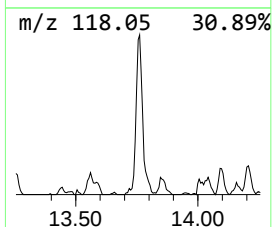
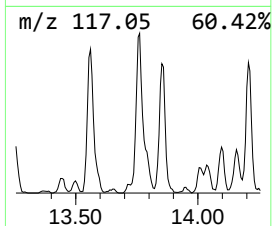
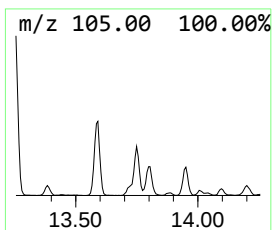
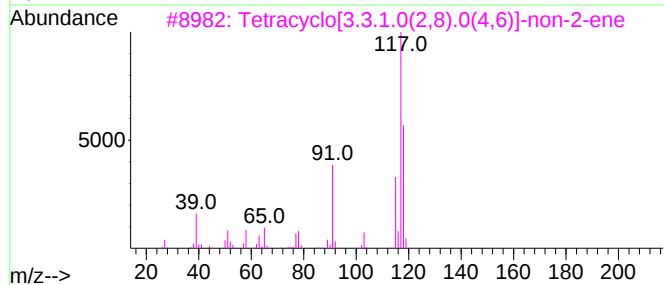
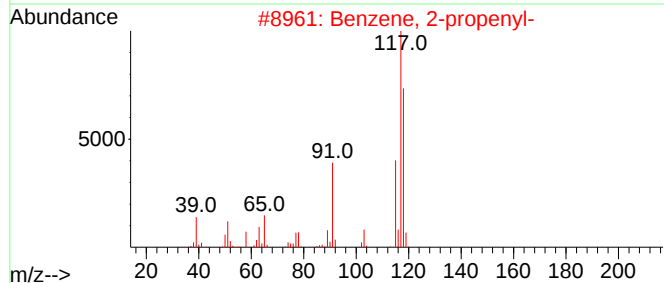
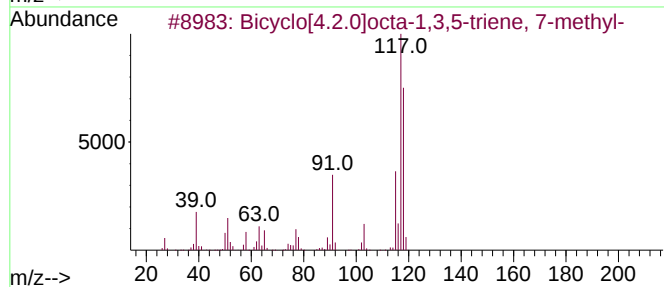
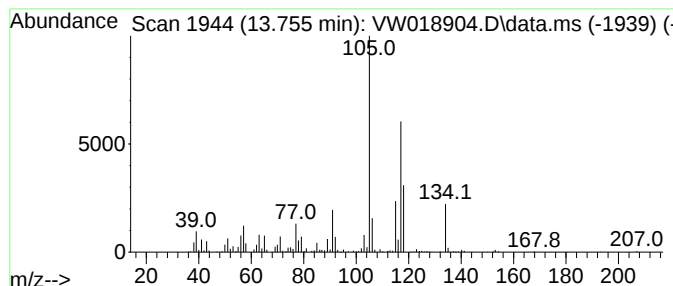
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	3.52 ug/L	254957	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	50
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	45
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	43
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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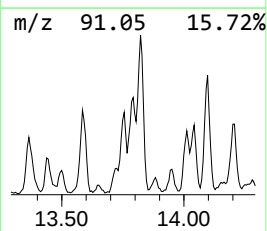
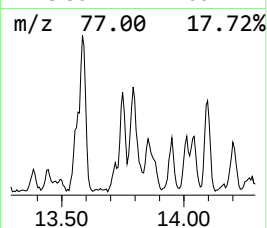
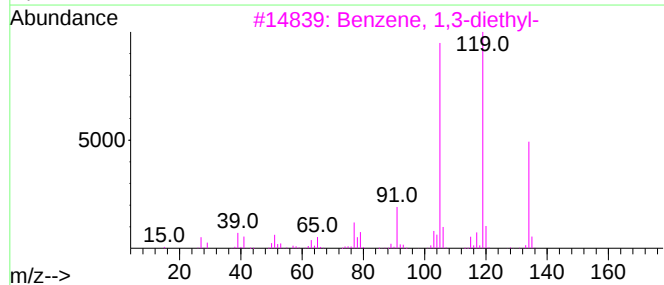
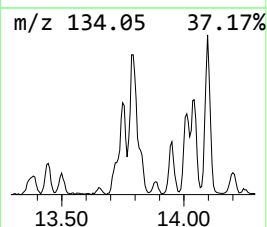
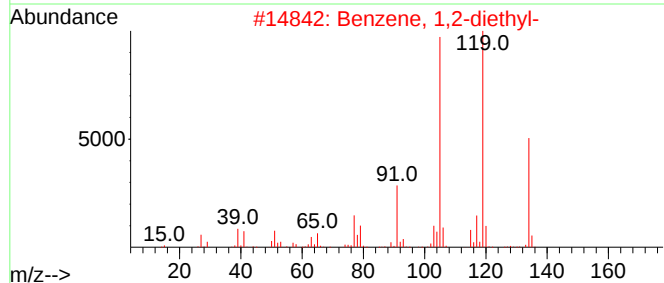
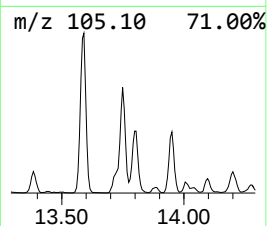
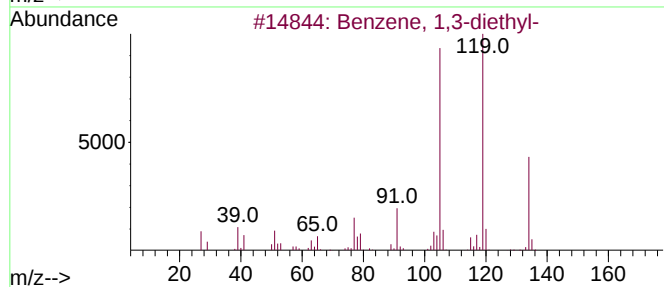
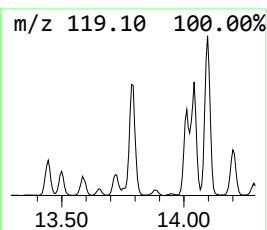
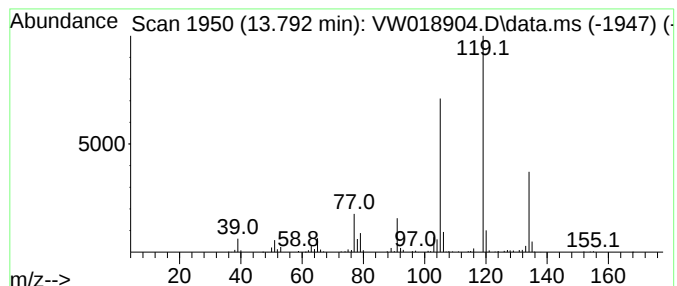
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	3.04 ug/L	220209	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

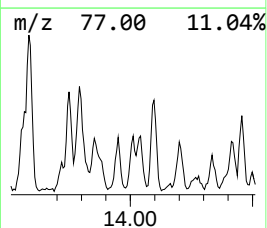
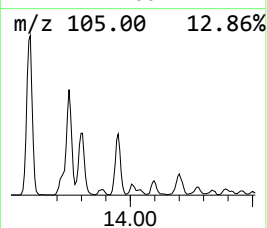
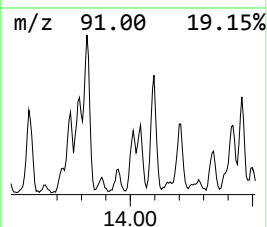
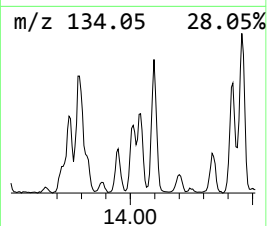
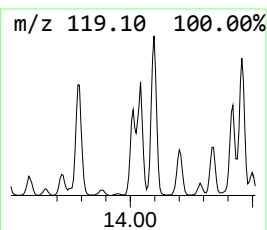
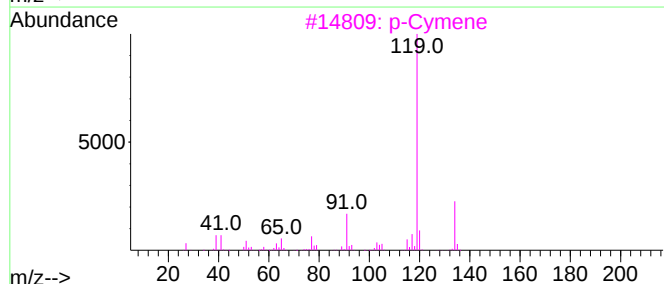
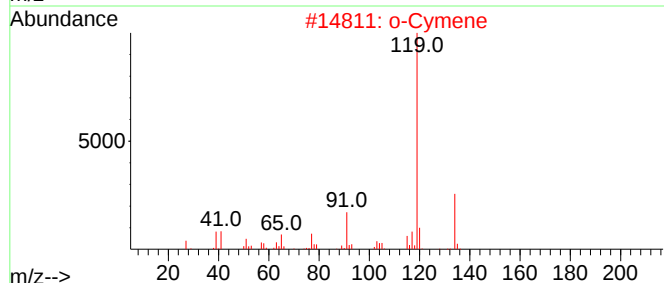
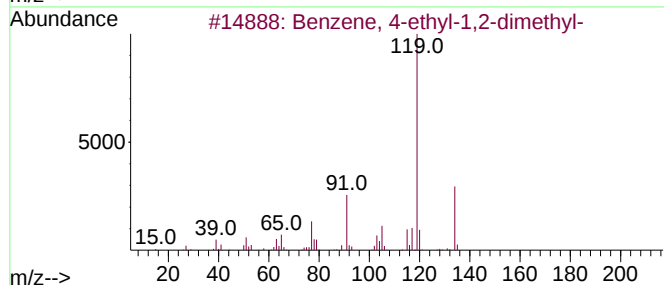
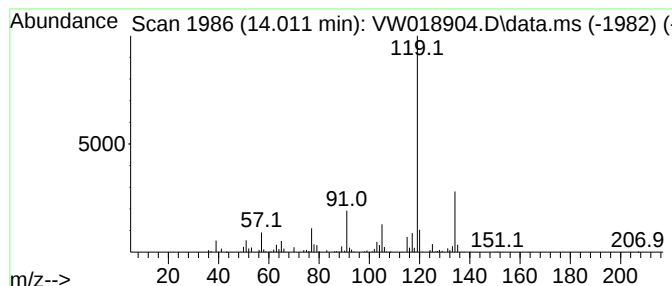
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	1.80 ug/L	129967	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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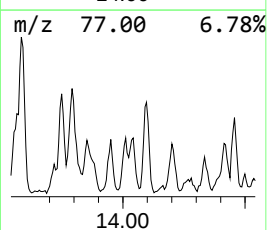
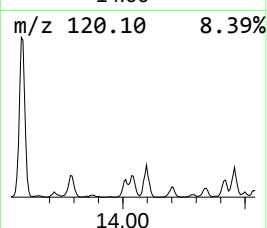
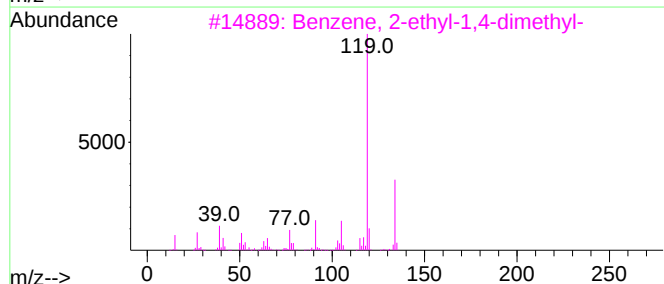
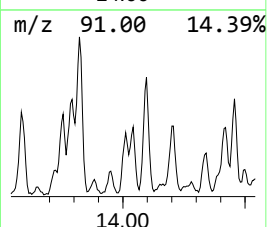
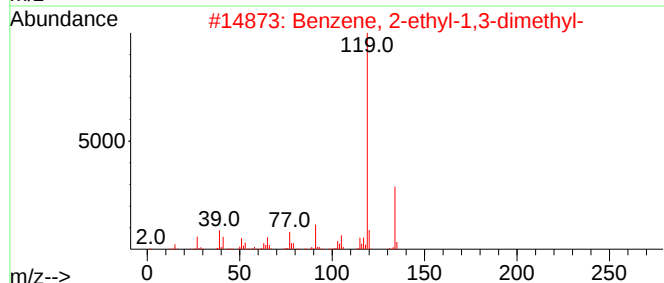
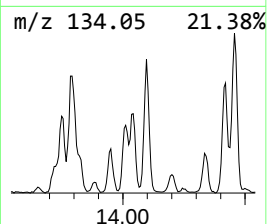
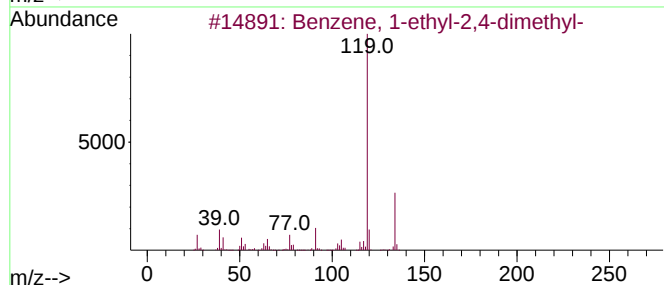
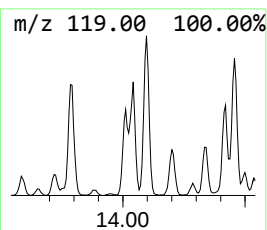
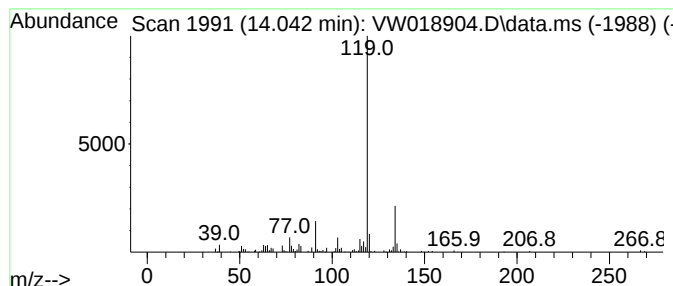
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	2.29 ug/L	165393	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

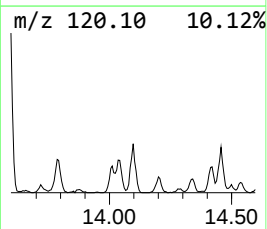
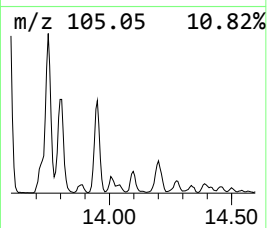
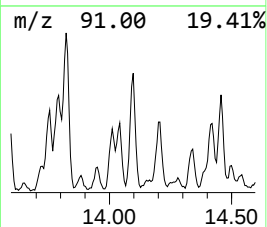
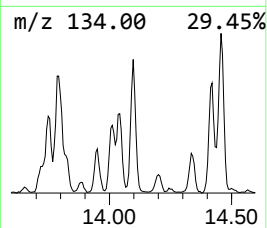
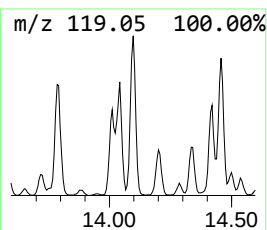
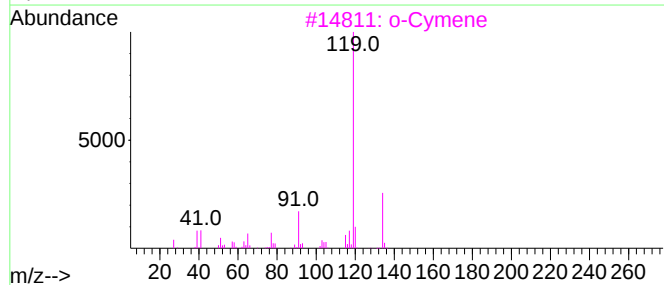
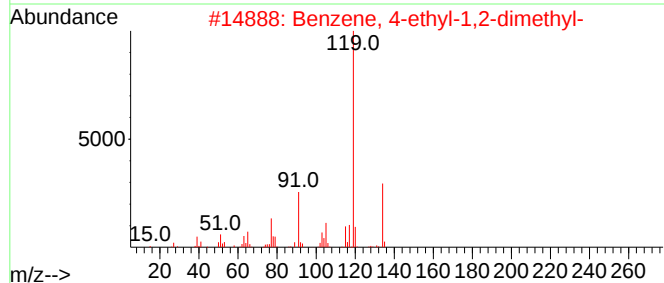
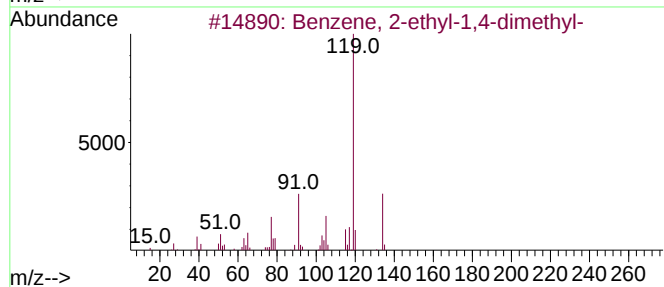
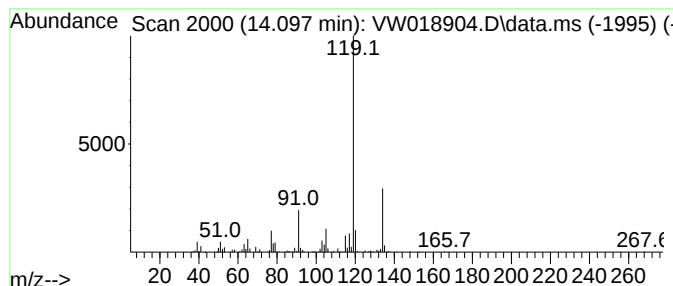
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	3.48 ug/L	251675	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

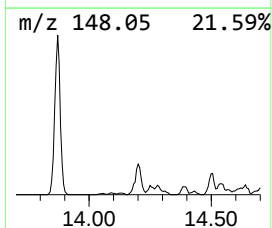
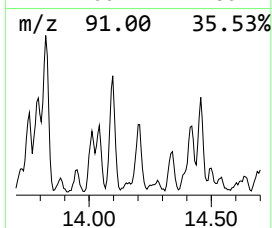
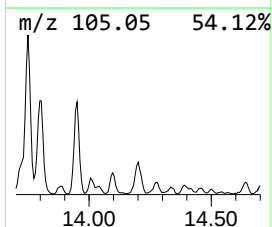
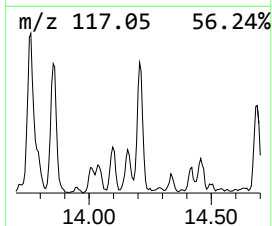
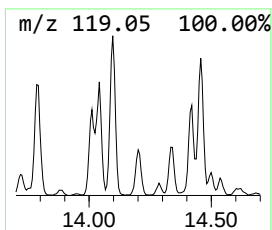
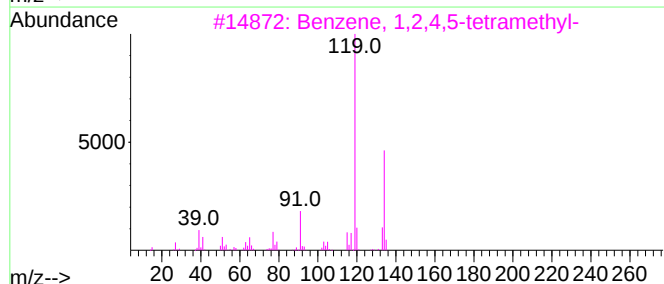
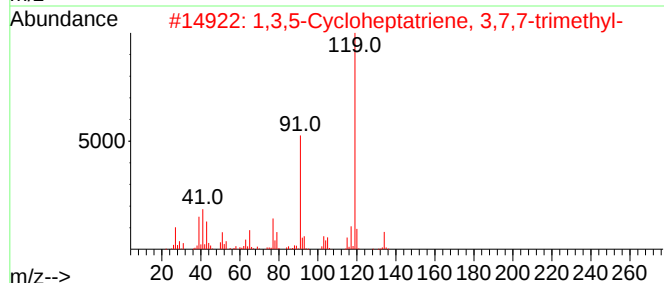
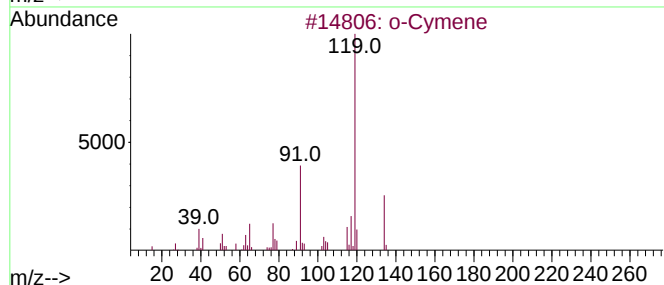
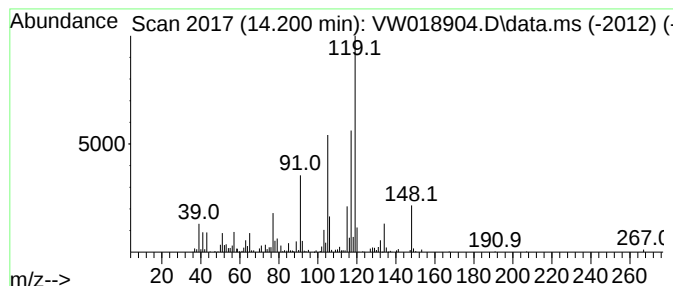
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	2.38 ug/L	172044	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	60
2			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	49
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
4			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	43
5			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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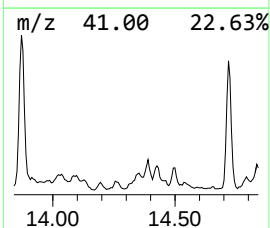
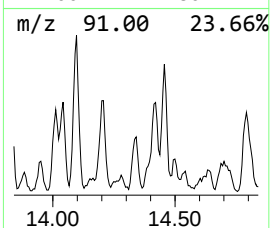
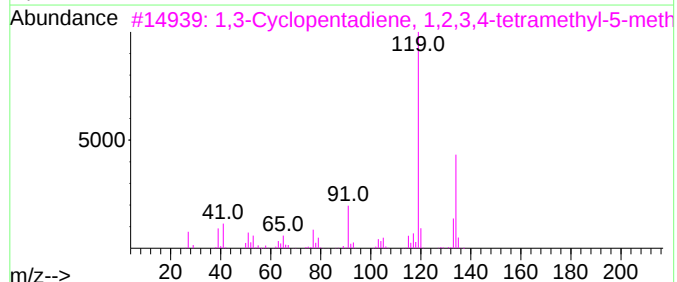
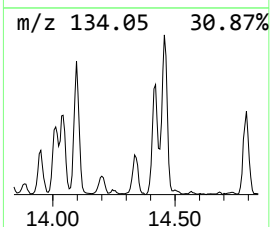
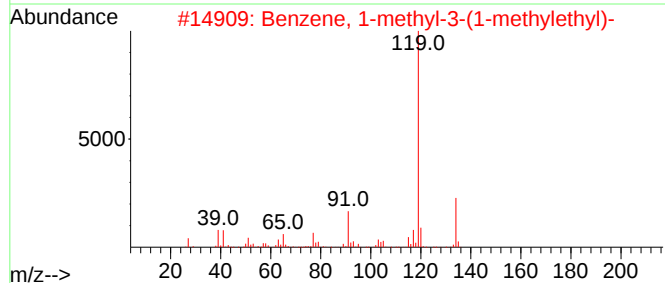
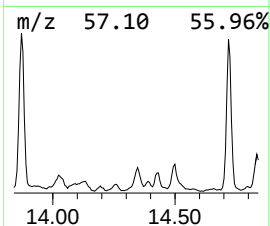
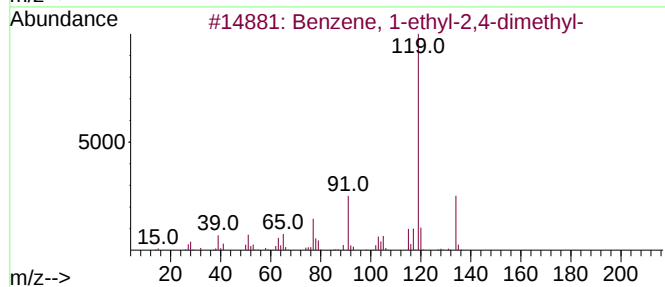
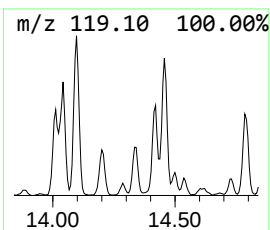
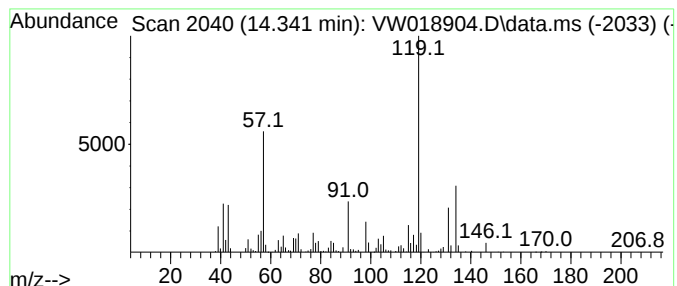
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	2.61 ug/L	188943	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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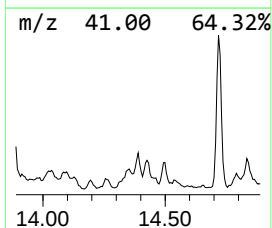
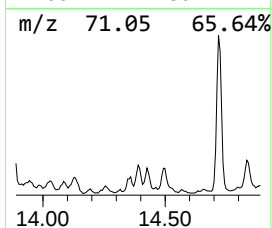
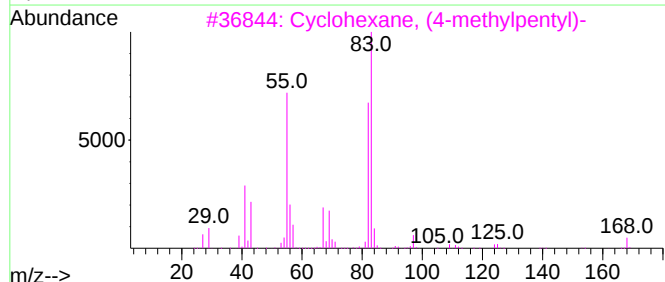
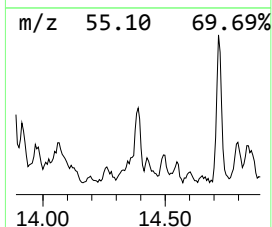
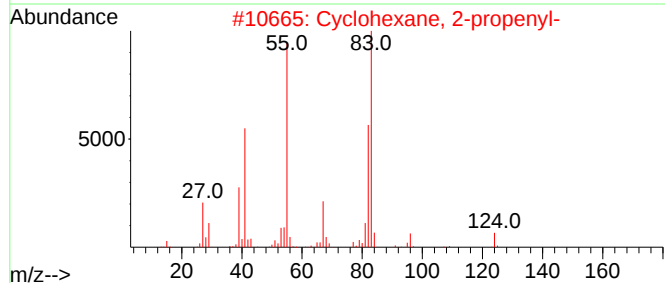
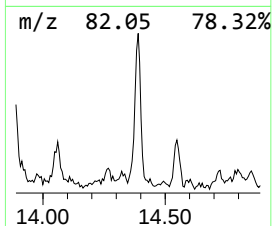
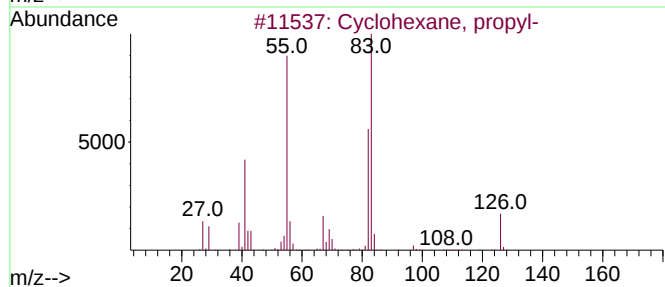
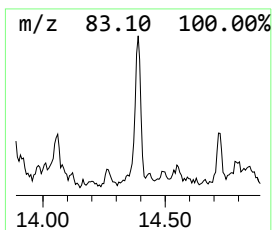
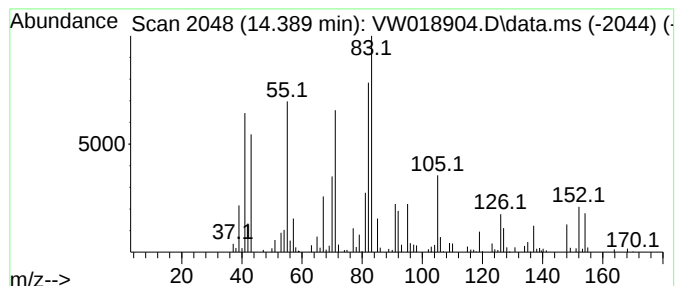
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic14.389 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	2.40 ug/L	173650	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	43
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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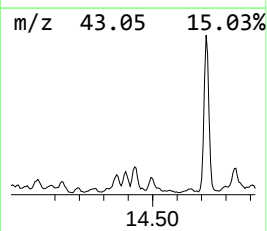
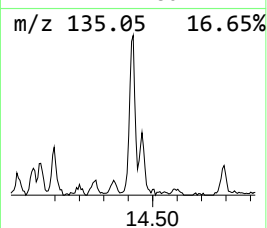
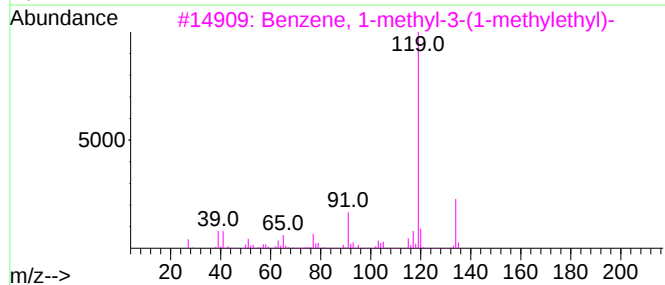
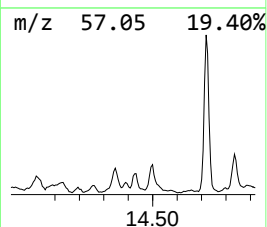
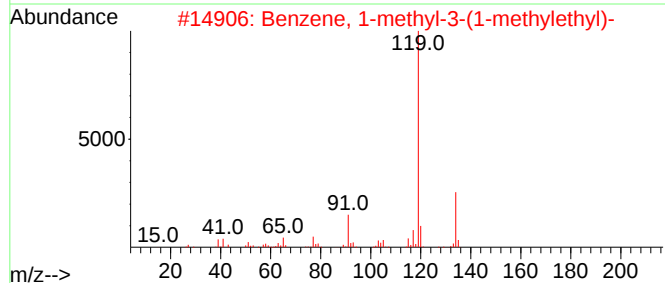
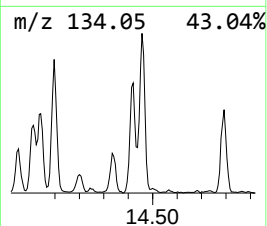
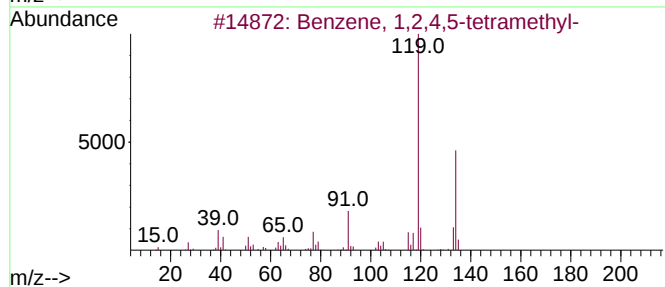
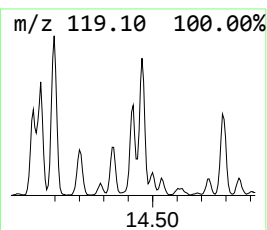
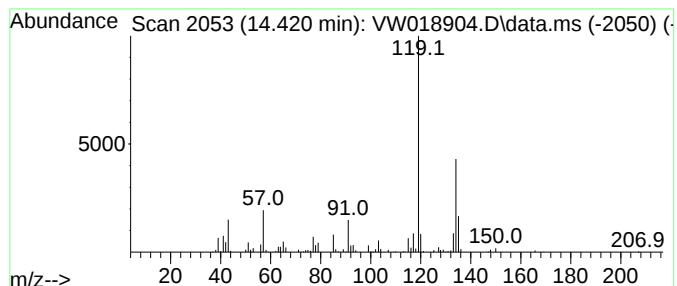
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	3.43 ug/L	247995	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
4			o-Cymene	134	C10H14	000527-84-4	90
5			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

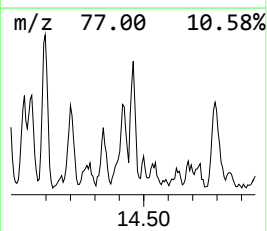
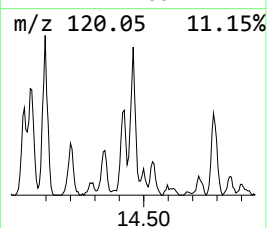
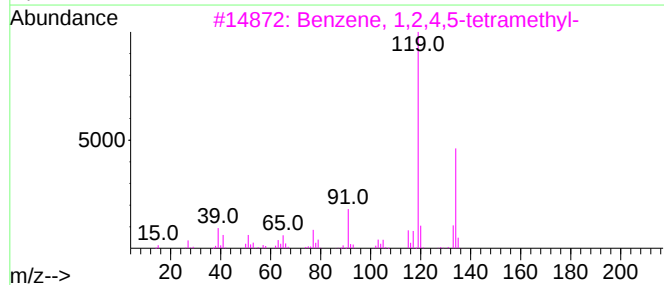
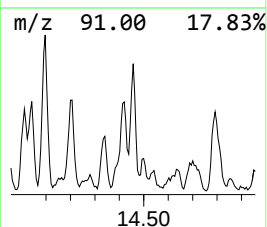
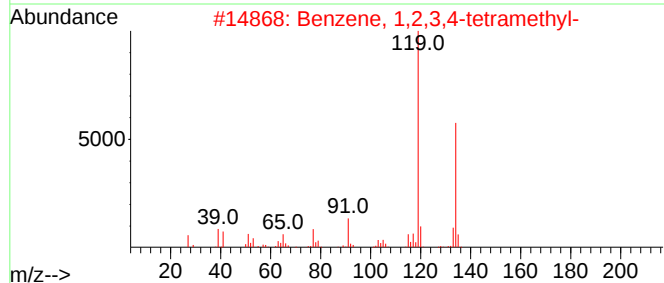
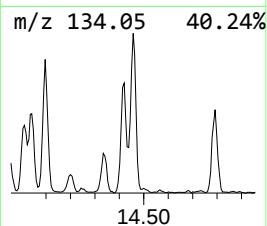
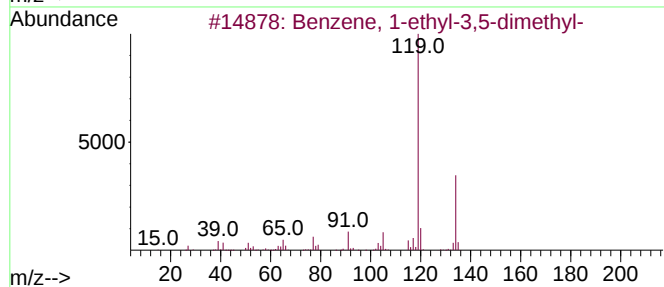
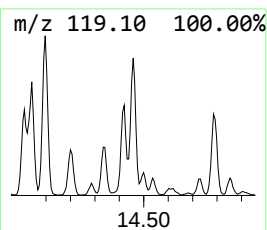
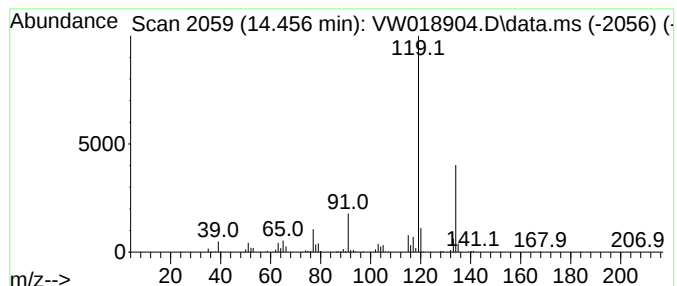
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	3.20 ug/L	231467	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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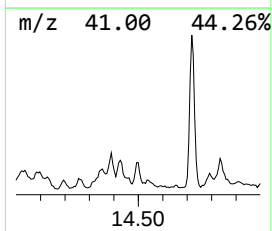
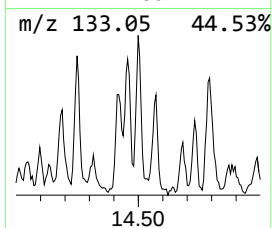
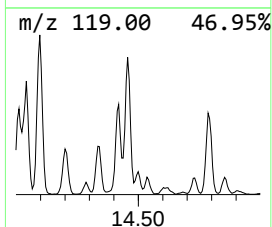
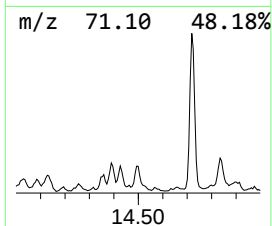
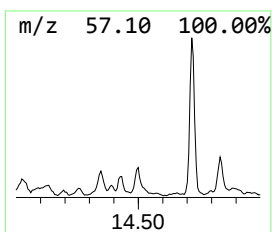
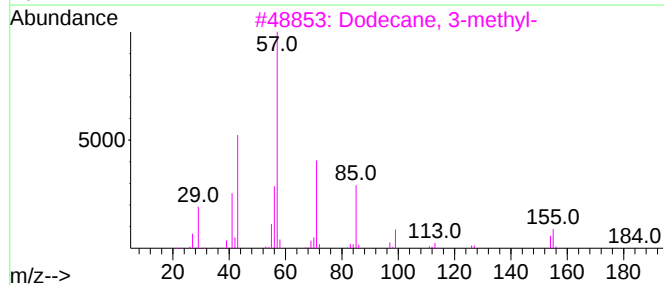
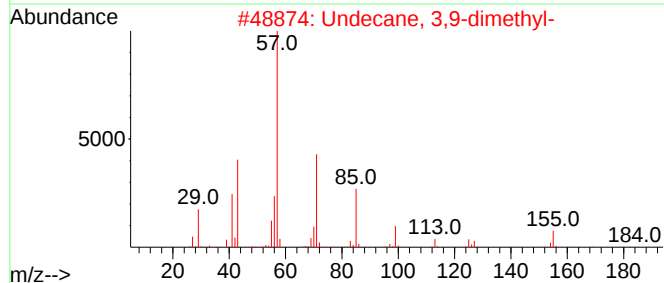
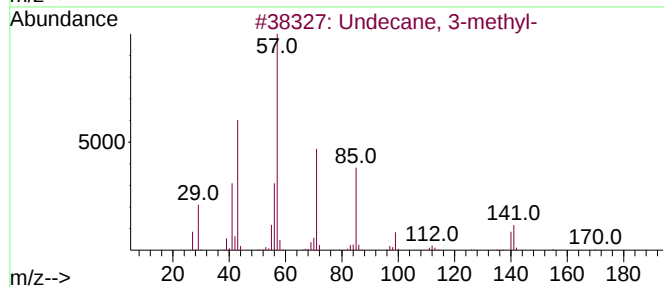
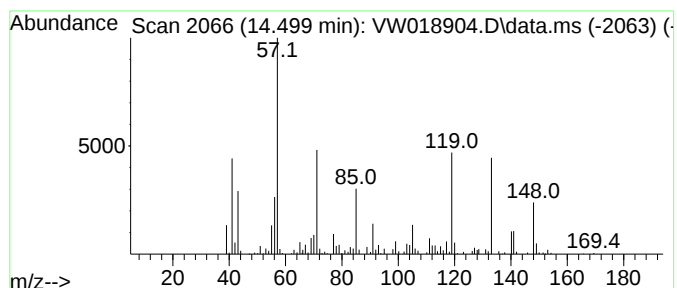
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	1.64 ug/L	118435	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	38
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	35
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
4		Undecane	156	C11H24	001120-21-4	35
5		5-Ethyldecane	170	C12H26	017302-36-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

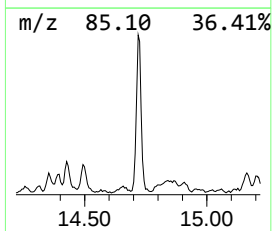
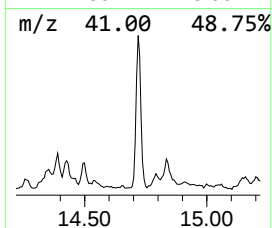
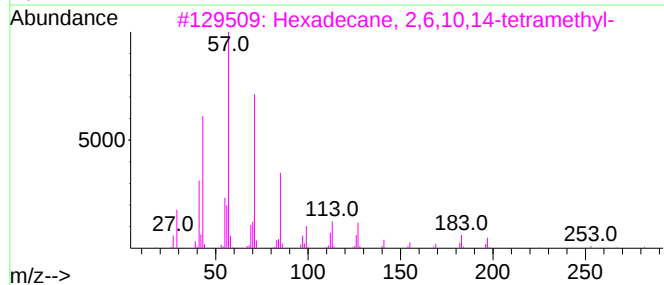
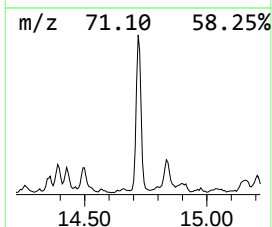
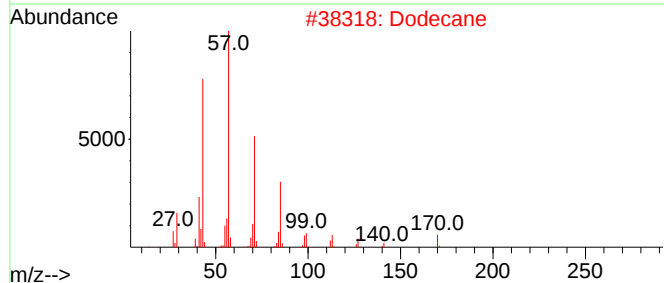
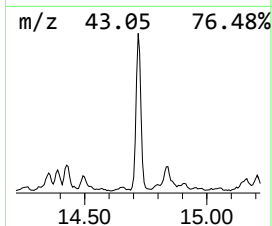
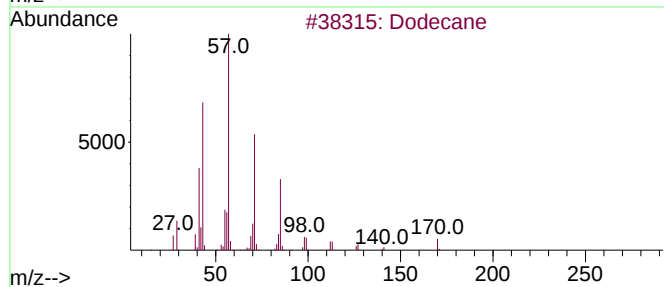
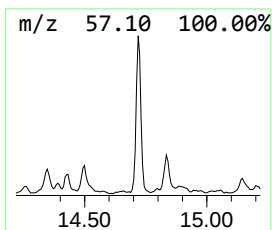
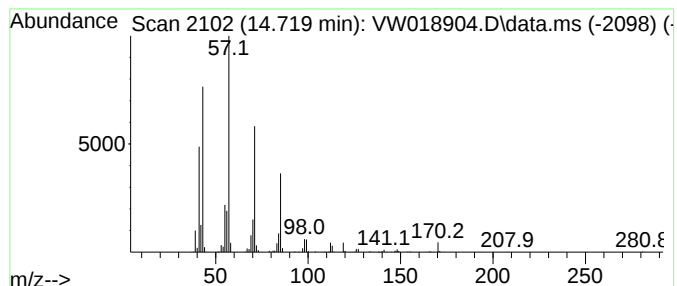
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	7.54 ug/L	545480	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Dodecane	170	C12H26	000112-40-3	87
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4			Hexadecane	226	C16H34	000544-76-3	72
5			Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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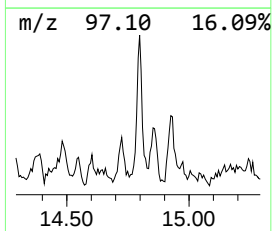
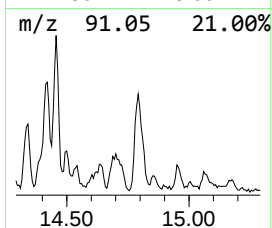
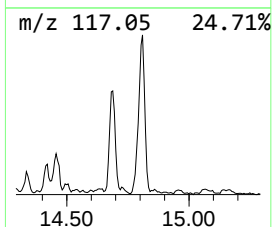
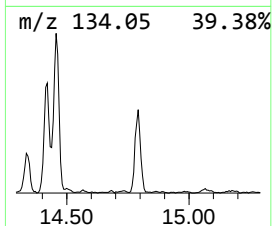
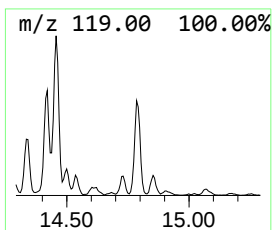
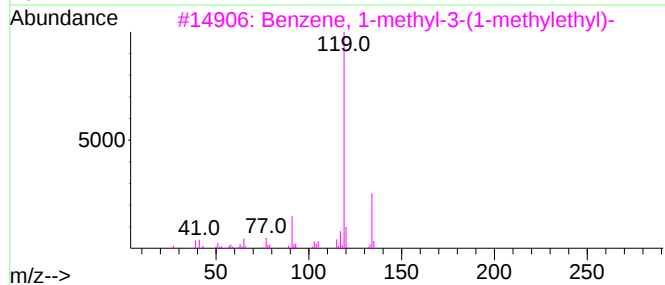
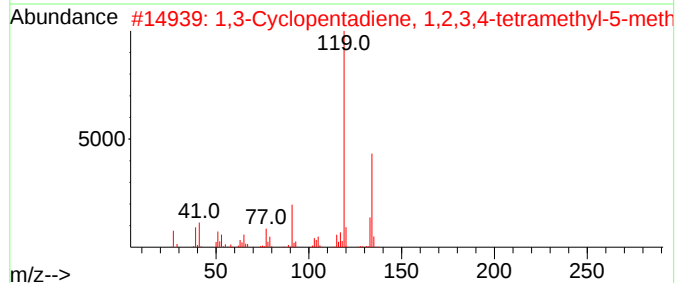
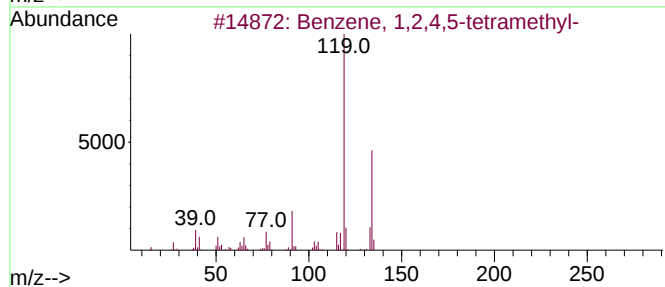
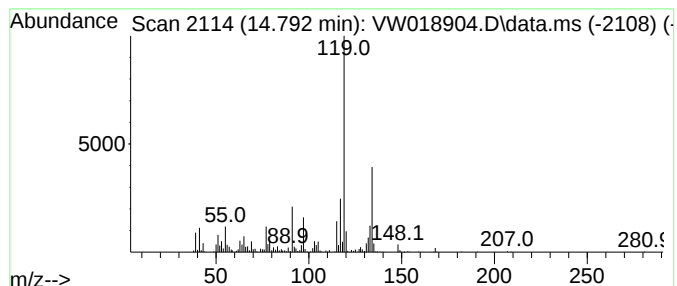
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	4.28 ug/L	309765	1,4-Dichlorobenzene-d4	13.560

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	76
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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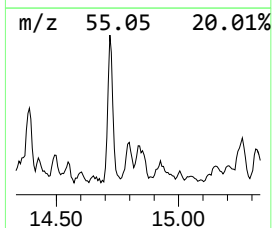
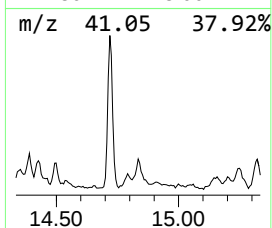
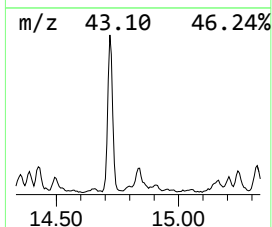
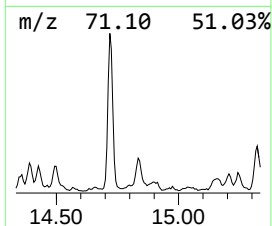
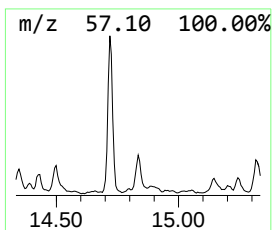
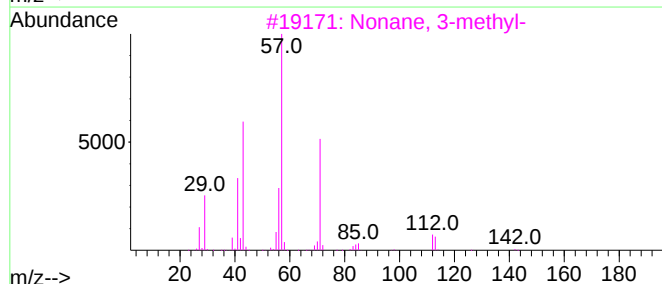
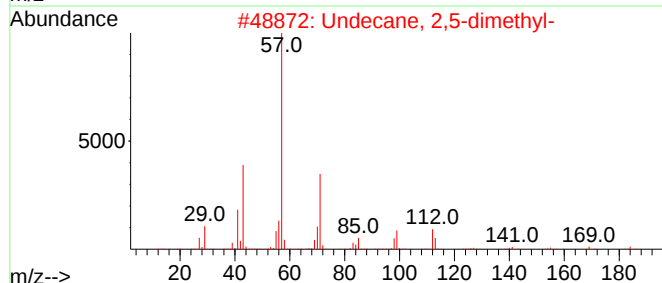
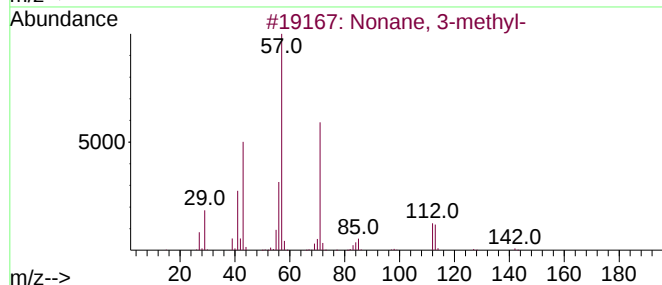
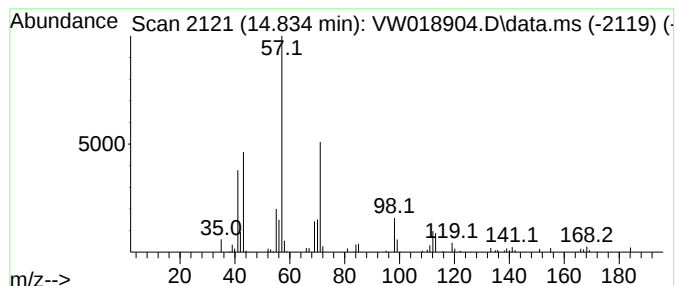
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	1.87 ug/L	135331	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	68
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	62
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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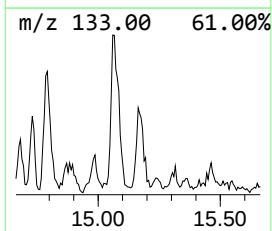
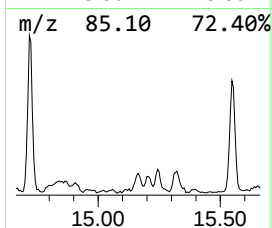
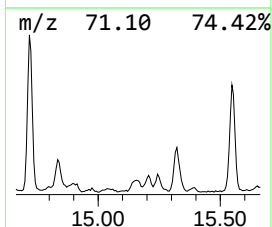
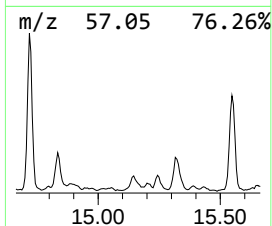
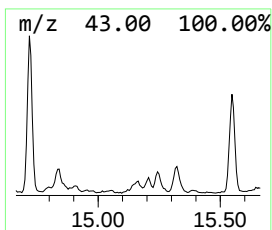
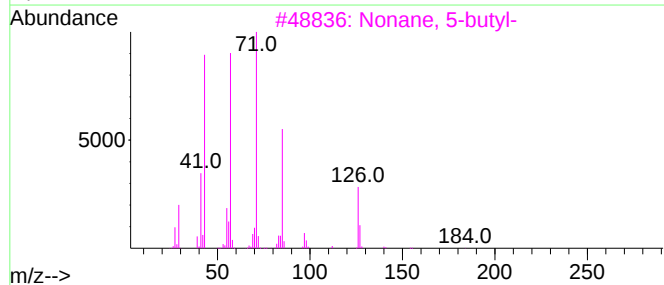
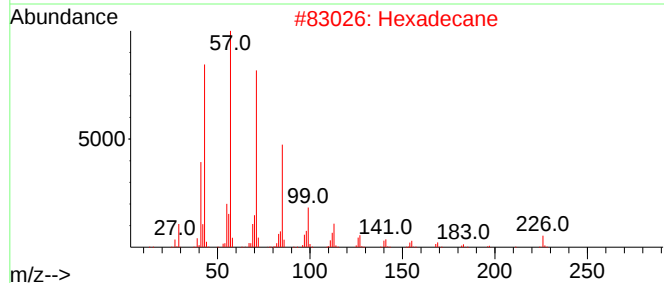
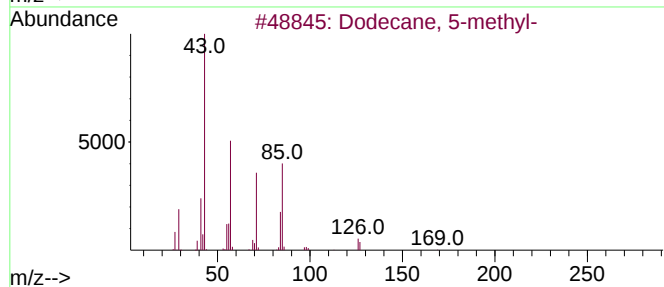
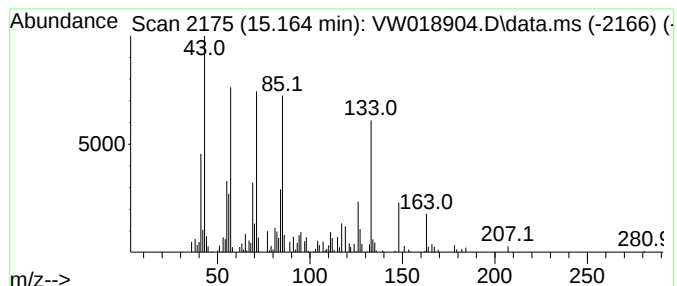
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	1.33 ug/L	96209	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 5-methyl-	184	C13H28	017453-93-9	47
2			Hexadecane	226	C16H34	000544-76-3	38
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	38
4			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38
5			N-[3-[N-Aziridyl]propylidene]tet...	182	C10H18N2O	1000256-63-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

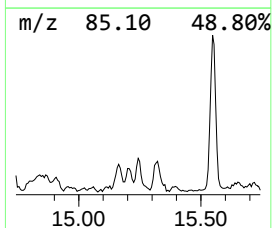
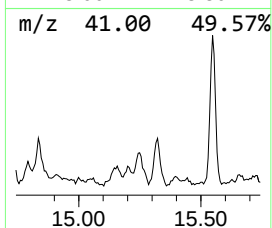
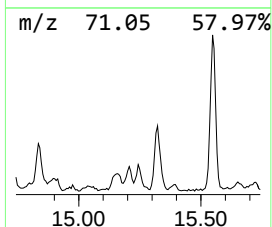
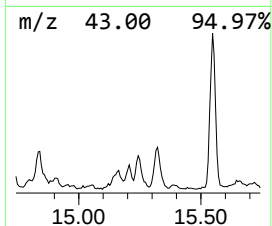
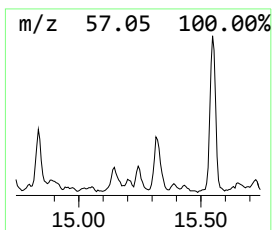
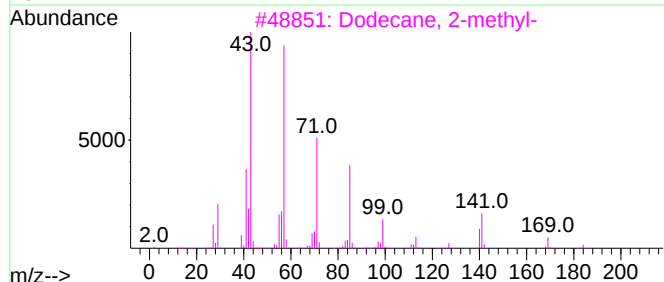
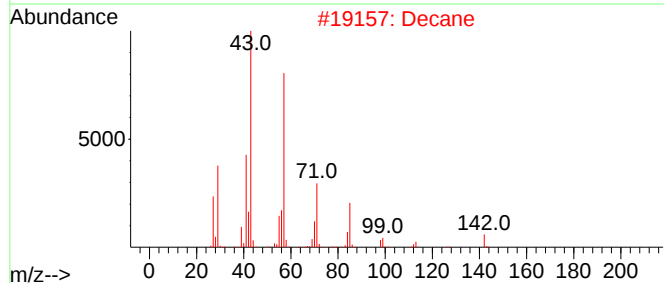
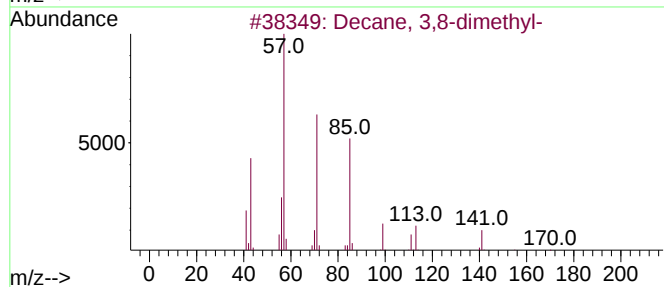
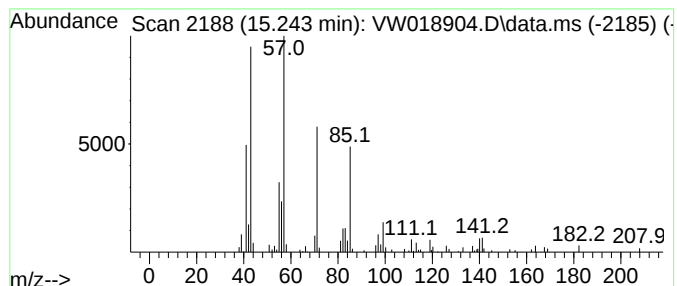
Instrument :
MSVOA_W
ClientSampleId :
BG7F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.243	1.48 ug/L	106764	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	78
2	Decane		142	C10H22	000124-18-5	72
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	72
4	Undecane, 4-ethyl-		184	C13H28	017312-59-3	64
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

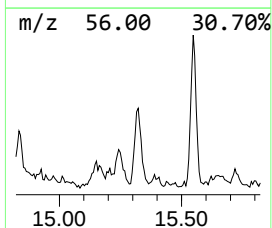
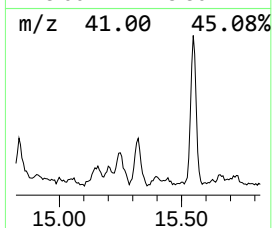
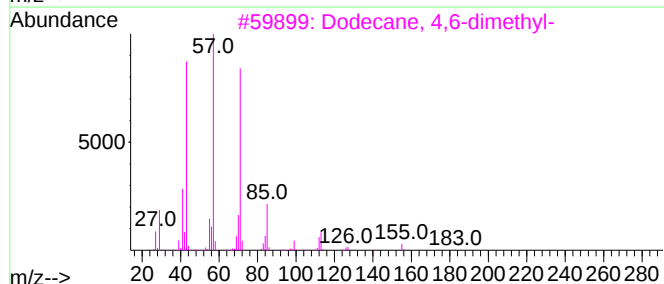
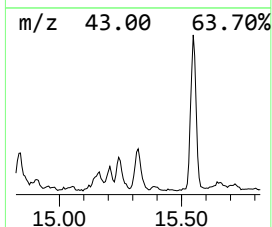
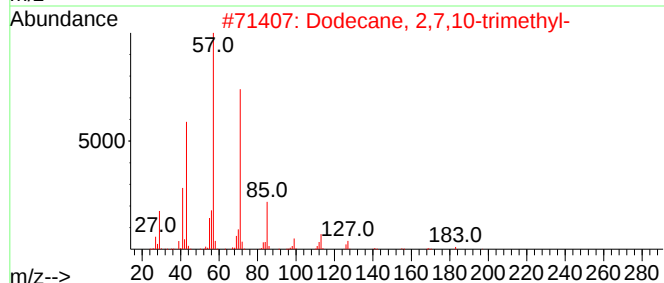
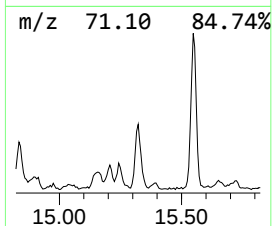
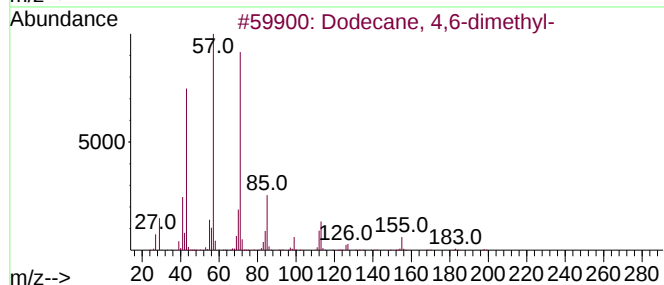
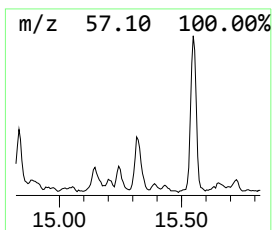
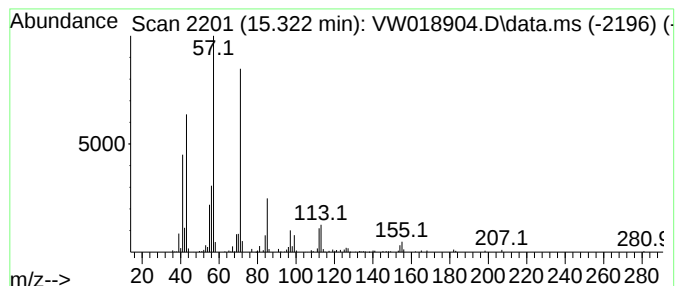
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	1.80 ug/L	130486	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			Decane, 4-methyl-	156	C11H24	002847-72-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

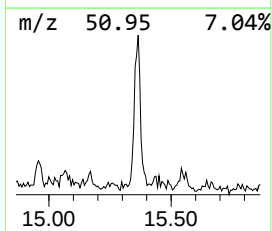
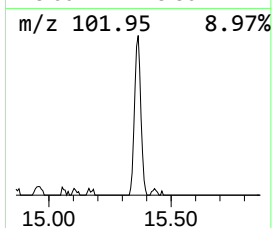
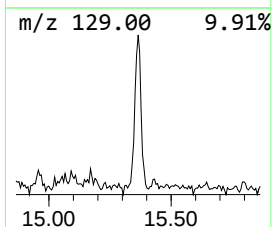
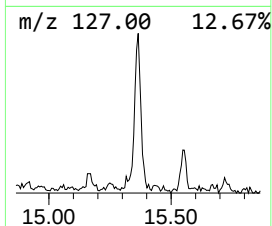
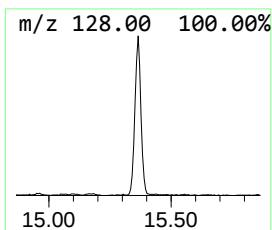
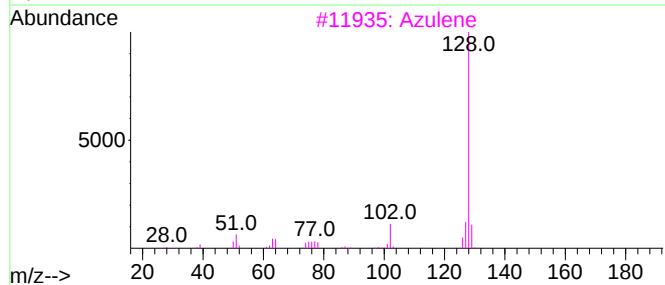
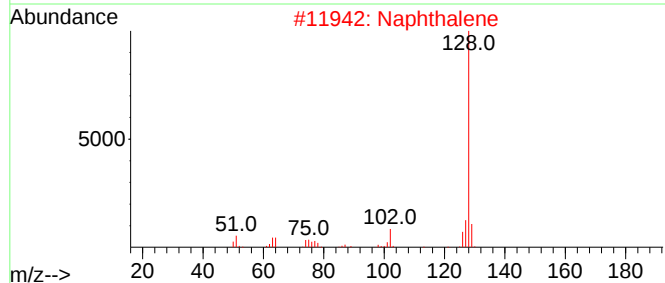
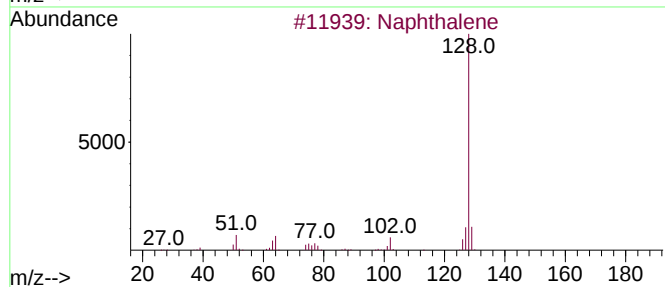
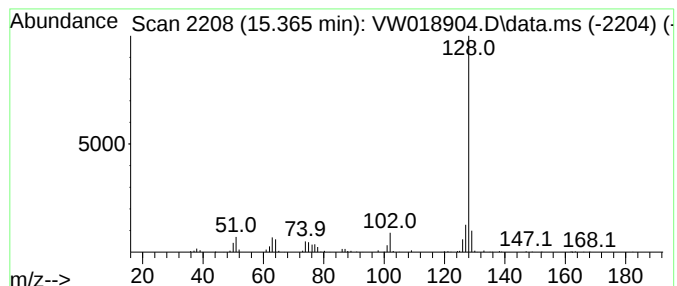
Instrument :
MSVOA_W
ClientSampleId :
BG7F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Azulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.365	2.02 ug/L	145876	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

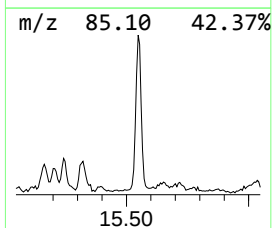
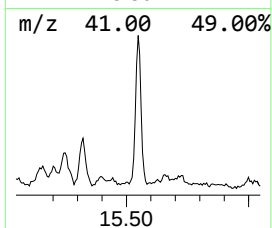
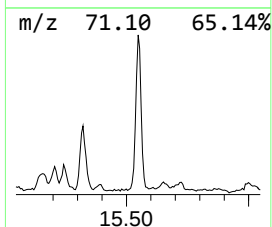
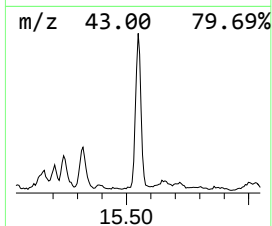
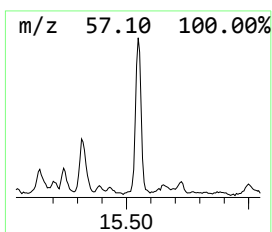
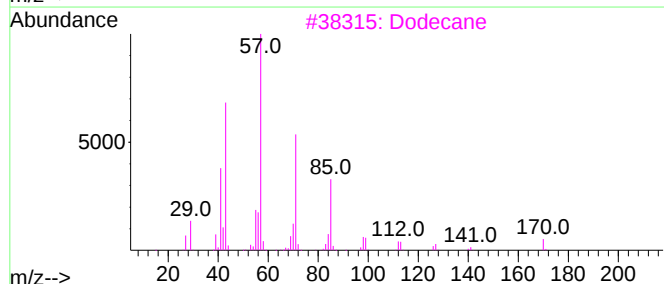
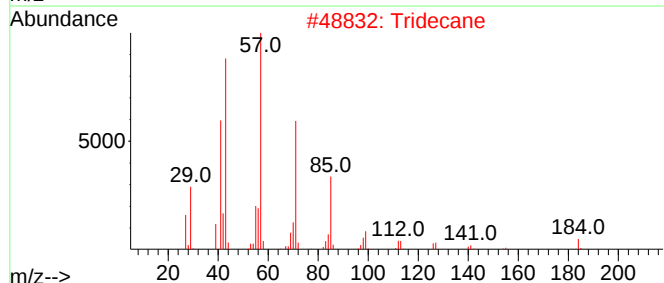
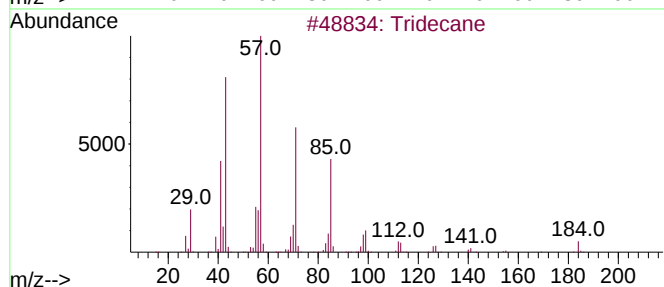
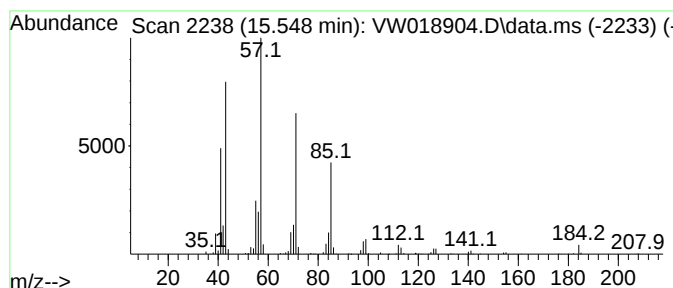
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	5.17 ug/L	373777	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	96
3		Dodecane	170	C12H26	000112-40-3	90
4		Tridecane	184	C13H28	000629-50-5	87
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
Data File : VW018904.D
Acq On : 03 May 2021 17:21
Operator : SY/VA
Sample : M2209-17
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG7F2

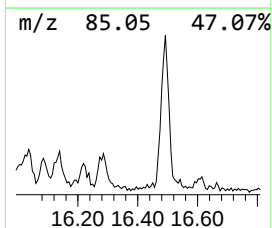
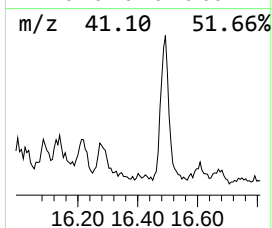
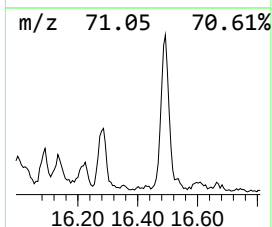
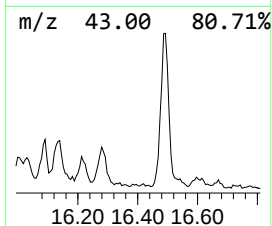
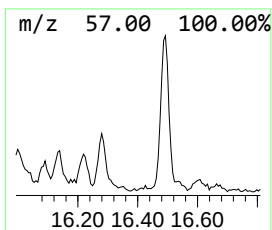
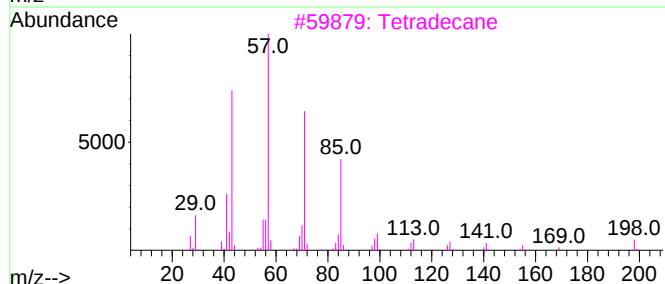
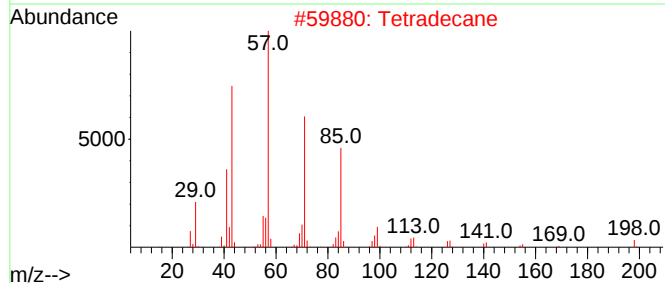
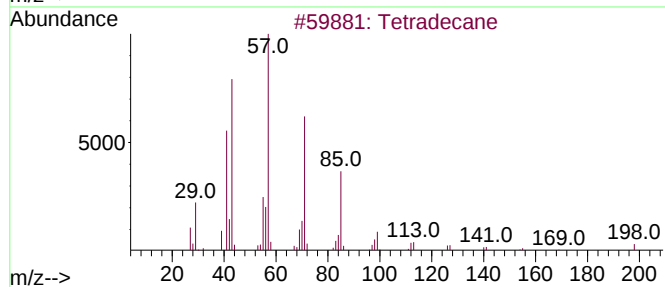
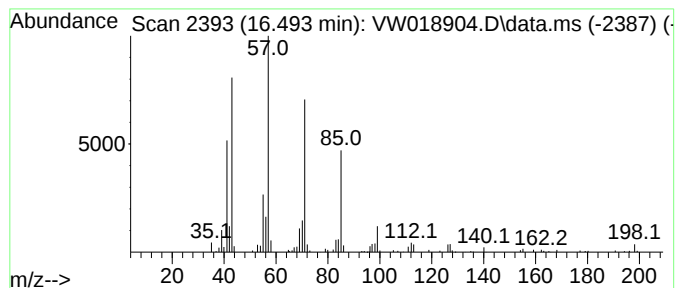
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	1.73 ug/L	125434	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tetradecane	198	C14H30	000629-59-4	94
3		Tetradecane	198	C14H30	000629-59-4	86
4		Pentadecane	212	C15H32	000629-62-9	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018904.D
 Acq On : 03 May 2021 17:21
 Operator : SY/VA
 Sample : M2209-17
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.203	2.3	ug/L	114628	1	8.848	1255720	25.0
(DEL) Alkane: S...	12.256	1.6	ug/L	66858	2	11.646	1060050	25.0
unknown-02	12.347	1.3	ug/L	54406	2	11.646	1060050	25.0
(DEL) Alkane: S...	12.573	1.3	ug/L	55089	2	11.646	1060050	25.0
Benzene, propyl-	12.804	2.5	ug/L	178064	3	13.560	1808440	25.0
Benzene, 1-ethy...	12.871	4.3	ug/L	311678	3	13.560	1808440	25.0
Benzene, 1-ethy...	13.109	2.5	ug/L	178928	3	13.560	1808440	25.0
Bicyclo[4.2.0]o...	13.755	3.5	ug/L	254957	3	13.560	1808440	25.0
Benzene, 1,3-di...	13.792	3.0	ug/L	220209	3	13.560	1808440	25.0
Benzene, 4-ethy...	14.011	1.8	ug/L	129967	3	13.560	1808440	25.0
Benzene, 1-ethy...	14.042	2.3	ug/L	165393	3	13.560	1808440	25.0
Benzene, 2-ethy...	14.097	3.5	ug/L	251675	3	13.560	1808440	25.0
o-Cymene	14.200	2.4	ug/L	172044	3	13.560	1808440	25.0
unknown-03	14.341	2.6	ug/L	188943	3	13.560	1808440	25.0
(DEL) Alkane: C...	14.389	2.4	ug/L	173650	3	13.560	1808440	25.0
Benzene, 1,2,4,...	14.420	3.4	ug/L	247995	3	13.560	1808440	25.0
Benzene, 1-ethy...	14.456	3.2	ug/L	231467	3	13.560	1808440	25.0
(DEL) Alkane: S...	14.499	1.6	ug/L	118435	3	13.560	1808440	25.0
(DEL) Alkane: S...	14.719	7.5	ug/L	545480	3	13.560	1808440	25.0
1,3-Cyclopentad...	14.792	4.3	ug/L	309765	3	13.560	1808440	25.0
(DEL) Alkane: S...	14.834	1.9	ug/L	135331	3	13.560	1808440	25.0
(DEL) Alkane: S...	15.164	1.3	ug/L	96209	3	13.560	1808440	25.0
(DEL) Alkane: S...	15.243	1.5	ug/L	106764	3	13.560	1808440	25.0
(DEL) Alkane: S...	15.322	1.8	ug/L	130486	3	13.560	1808440	25.0
Azulene	15.365	2.0	ug/L	145876	3	13.560	1808440	25.0
(DEL) Alkane: S...	15.548	5.2	ug/L	373777	3	13.560	1808440	25.0
(DEL) Alkane: S...	16.493	1.7	ug/L	125434	3	13.560	1808440	25.0