

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019129.D
 Acq On : 04 Jun 2021 13:41
 Operator : SY/VA
 Sample : VIBLK124
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK124

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\SFAMWLM060221SMA.M
 Title : SFAM01.0

Signal : TIC: VW019129.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	65	75	87	rBV	199458	403085	12.17%	1.088%
2	2.897	154	163	180	rVB	156749	387067	11.69%	1.044%
3	4.025	335	348	364	rBV2	323188	1038308	31.35%	2.802%
4	4.927	481	496	510	rBV3	33490	127121	3.84%	0.343%
5	5.945	651	663	673	rBV4	8413	25992	0.78%	0.070%
6	7.079	840	849	855	rBV	71279	198123	5.98%	0.535%
7	7.652	932	943	958	rBV	538886	1307351	39.47%	3.527%
8	8.274	1032	1045	1062	rBV2	1110482	3312164	100.00%	8.937%
9	8.482	1073	1079	1089	rVB2	8496	23909	0.72%	0.065%
10	8.841	1129	1138	1150	rBV	1085101	2121985	64.07%	5.725%
11	9.079	1171	1177	1189	rBV7	5961	15612	0.47%	0.042%
12	9.274	1201	1209	1218	rBV	690109	1410989	42.60%	3.807%
13	9.384	1224	1227	1235	rVB4	9391	17546	0.53%	0.047%
14	9.622	1258	1266	1272	rBV7	4253	11948	0.36%	0.032%
15	9.762	1282	1289	1297	rBV3	42906	89873	2.71%	0.242%
16	9.896	1300	1311	1317	rBV	57196	123985	3.74%	0.335%
17	9.963	1317	1322	1328	rVV3	24134	61311	1.85%	0.165%
18	10.036	1328	1334	1340	rVV	404654	708532	21.39%	1.912%
19	10.097	1340	1344	1356	rVB2	26768	60945	1.84%	0.164%
20	10.250	1364	1369	1374	rVB2	25196	43585	1.32%	0.118%
21	10.323	1374	1381	1390	rBV	1586626	2876607	86.85%	7.762%
22	10.439	1396	1400	1405	rVB4	7302	12668	0.38%	0.034%
23	10.506	1405	1411	1417	rBV6	30821	65585	1.98%	0.177%
24	10.579	1417	1423	1433	rVB	268565	472248	14.26%	1.274%
25	10.707	1433	1444	1448	rBV	65177	136285	4.11%	0.368%
26	10.756	1448	1452	1460	rVB6	26033	67889	2.05%	0.183%
27	10.847	1462	1467	1474	rVB5	15772	31024	0.94%	0.084%
28	10.926	1474	1480	1488	rBV	307908	523488	15.81%	1.412%
29	11.060	1488	1502	1507	rBV6	50023	166826	5.04%	0.450%
30	11.176	1518	1521	1526	rBV3	11839	17231	0.52%	0.046%
31	11.231	1526	1530	1534	rVB4	13698	21389	0.65%	0.058%
32	11.280	1534	1538	1544	rBV7	14322	26753	0.81%	0.072%
33	11.341	1544	1548	1552	rBV4	21456	34359	1.04%	0.093%
34	11.414	1552	1560	1571	rVB6	92381	302504	9.13%	0.816%
35	11.512	1571	1576	1581	rBV2	93046	160498	4.85%	0.433%
36	11.633	1588	1596	1603	rBV	1478333	2518607	76.04%	6.796%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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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\SFAMWLM060221SMA.M
 Title : SFAM01.0

37	11.694	1603	1606	1609	rVV2	18414	28416	0.86%	0.077%
38	11.731	1609	1612	1621	rVV4	26305	55112	1.66%	0.149%
39	11.816	1621	1626	1629	rVV4	14294	27791	0.84%	0.075%
40	11.877	1631	1636	1640	rVB6	30650	56033	1.69%	0.151%

41	11.963	1647	1650	1655	rBV5	10715	15148	0.46%	0.041%
42	12.024	1655	1660	1663	rBV4	14188	25650	0.77%	0.069%
43	12.072	1663	1668	1673	rVB6	13215	22896	0.69%	0.062%
44	12.133	1673	1678	1685	rBV3	36330	70493	2.13%	0.190%
45	12.249	1692	1697	1701	rBV	28176	43423	1.31%	0.117%

46	12.328	1705	1710	1714	rBV5	25814	49017	1.48%	0.132%
47	12.469	1729	1733	1736	rBV	22408	35097	1.06%	0.095%
48	12.511	1736	1740	1742	rBV4	25994	39553	1.19%	0.107%
49	12.591	1747	1753	1759	rVV4	99681	286341	8.65%	0.773%
50	12.652	1759	1763	1765	rVV	68058	99593	3.01%	0.269%

51	12.694	1765	1770	1776	rVV	498435	811247	24.49%	2.189%
52	12.755	1776	1780	1782	rVV2	20228	32144	0.97%	0.087%
53	12.804	1783	1788	1793	rVB	171356	258059	7.79%	0.696%
54	12.932	1801	1809	1827	rVB8	49519	209393	6.32%	0.565%
55	13.078	1829	1833	1835	rBV3	16417	22596	0.68%	0.061%

56	13.127	1838	1841	1844	rVV2	14894	20768	0.63%	0.056%
57	13.164	1844	1847	1848	rVV	23975	25868	0.78%	0.070%
58	13.188	1849	1851	1856	rVB	43569	56138	1.69%	0.151%
59	13.249	1857	1861	1865	rVB	37967	56443	1.70%	0.152%
60	13.298	1865	1869	1874	rVB2	40297	63060	1.90%	0.170%

61	13.377	1874	1882	1883	rBV2	47321	93053	2.81%	0.251%
62	13.408	1884	1887	1891	rVB	56189	77661	2.34%	0.210%
63	13.487	1896	1900	1902	rBV	34657	45287	1.37%	0.122%
64	13.554	1906	1911	1917	rBV	1476598	2377950	71.79%	6.416%
65	13.718	1932	1938	1941	rBV	212592	319398	9.64%	0.862%

66	13.755	1941	1944	1948	rVV2	115839	208548	6.30%	0.563%
67	13.798	1948	1951	1954	rVV2	203783	354194	10.69%	0.956%
68	13.853	1955	1960	1970	rVV	1356117	2345779	70.82%	6.329%
69	13.950	1972	1976	1981	rVV	40807	62298	1.88%	0.168%
70	14.011	1981	1986	1993	rVV2	79064	200135	6.04%	0.540%

71	14.096	1993	2000	2006	rVV	688132	1090586	32.93%	2.943%
72	14.157	2007	2010	2013	rVV	42719	57592	1.74%	0.155%
73	14.206	2013	2018	2023	rVB2	179080	309785	9.35%	0.836%
74	14.279	2023	2030	2035	rBV5	34848	96655	2.92%	0.261%
75	14.340	2036	2040	2044	rBV3	37439	67861	2.05%	0.183%

76	14.420	2044	2053	2056	rVV	405640	703385	21.24%	1.898%
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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

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 Title : SFAM01.0

77	14.456	2056	2059	2062	rVV	130436	173641	5.24%	0.469%
78	14.499	2062	2066	2071	rVB2	152903	207841	6.28%	0.561%
79	14.596	2079	2082	2086	rBV	30772	40233	1.21%	0.109%
80	14.639	2086	2089	2092	rVB	32071	39086	1.18%	0.105%
81	14.688	2092	2097	2102	rBV2	300306	574001	17.33%	1.549%
82	14.804	2108	2116	2121	rBV3	449228	1106401	33.40%	2.985%
83	14.852	2121	2124	2130	rVB	169414	283389	8.56%	0.765%
84	14.956	2137	2141	2147	rBV5	33724	67328	2.03%	0.182%
85	15.060	2147	2158	2163	rBV2	320751	766250	23.13%	2.067%
86	15.169	2170	2176	2185	rVB4	215314	482844	14.58%	1.303%
87	15.322	2196	2201	2204	rBV3	65962	129497	3.91%	0.349%
88	15.365	2204	2208	2213	rVV	140498	234420	7.08%	0.633%
89	15.419	2213	2217	2219	rVV2	16555	29642	0.89%	0.080%
90	15.468	2220	2225	2229	rVV2	117816	221755	6.70%	0.598%
91	15.523	2230	2234	2248	rVB5	89592	270093	8.15%	0.729%
92	15.651	2248	2255	2263	rBV	162940	345968	10.45%	0.933%
93	15.724	2264	2267	2272	rVB2	22375	30640	0.93%	0.083%
94	15.822	2272	2283	2293	rBV3	86669	325157	9.82%	0.877%
95	15.944	2298	2303	2308	rVV	66461	131421	3.97%	0.355%
96	16.023	2308	2316	2330	rVB4	80670	261336	7.89%	0.705%
97	16.169	2333	2340	2344	rBV6	25444	56438	1.70%	0.152%
98	16.340	2363	2368	2370	rBV2	10769	21870	0.66%	0.059%
99	16.437	2377	2384	2397	rVB	489362	1058707	31.96%	2.857%
100	16.639	2409	2417	2429	rVB	195312	460433	13.90%	1.242%

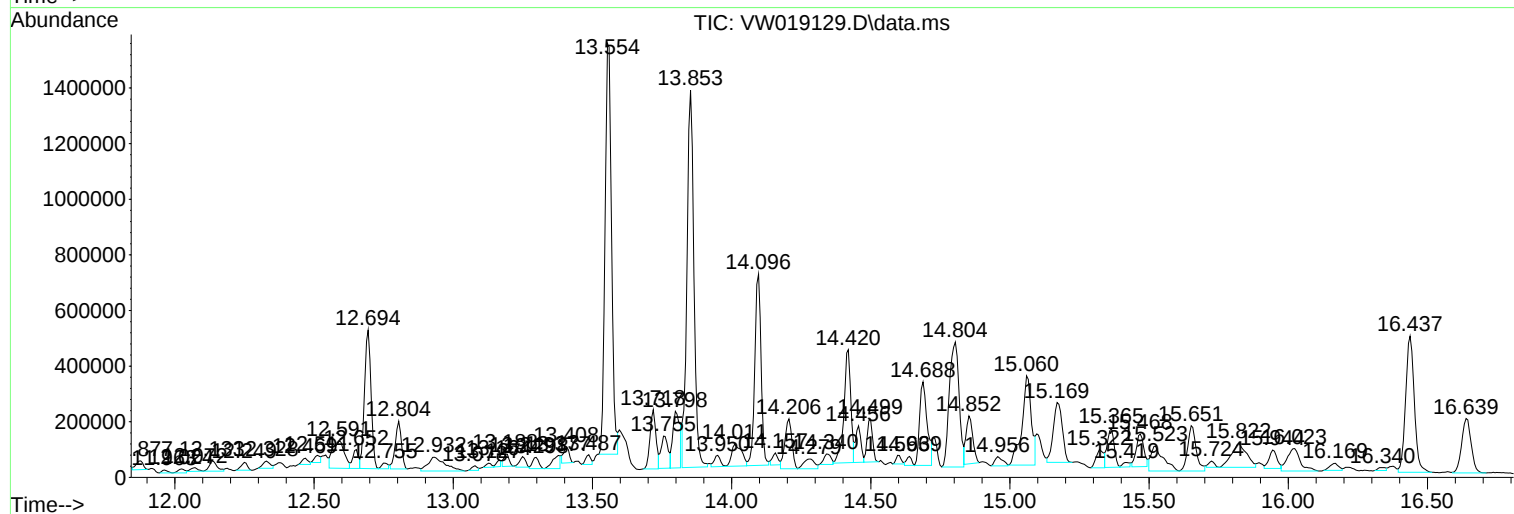
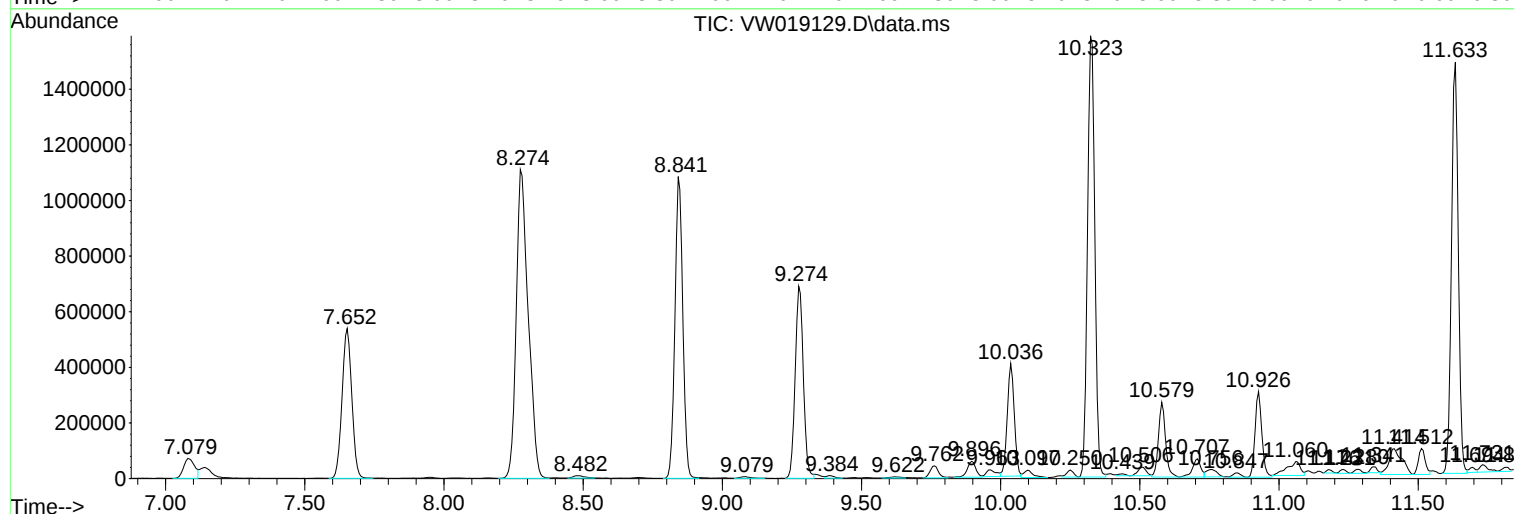
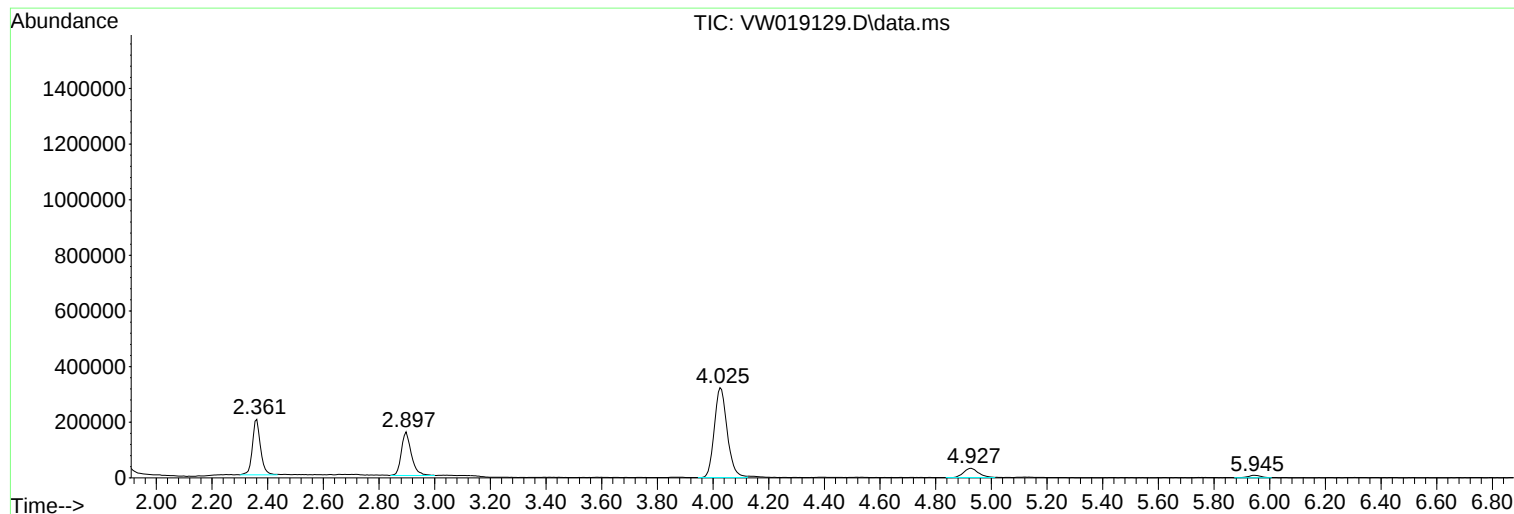
Sum of corrected areas: 37062229

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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



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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

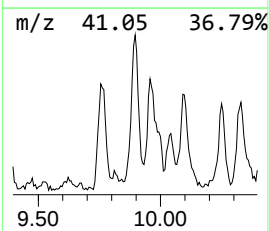
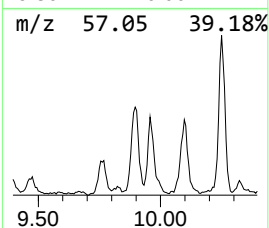
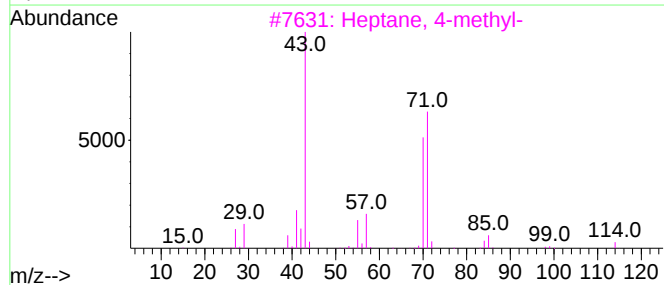
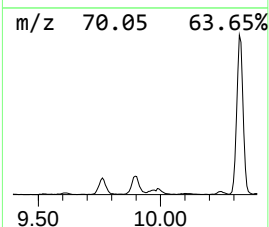
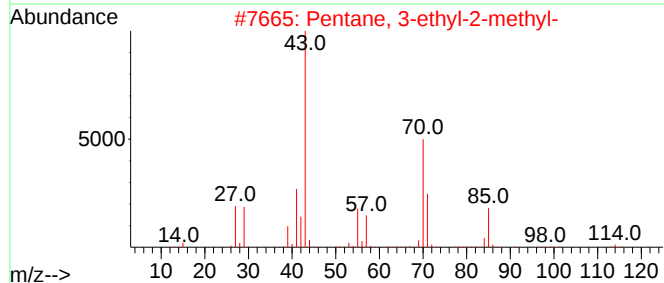
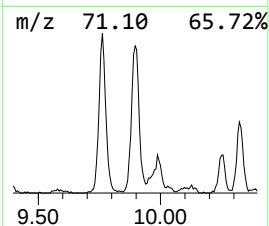
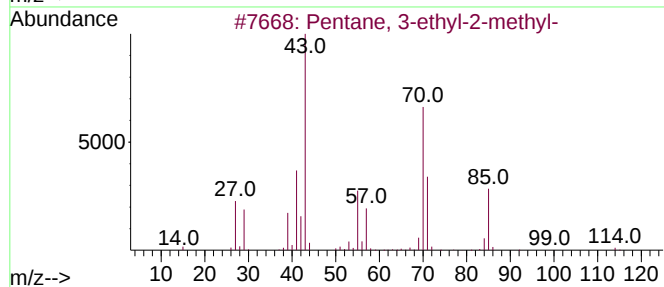
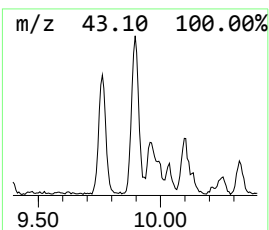
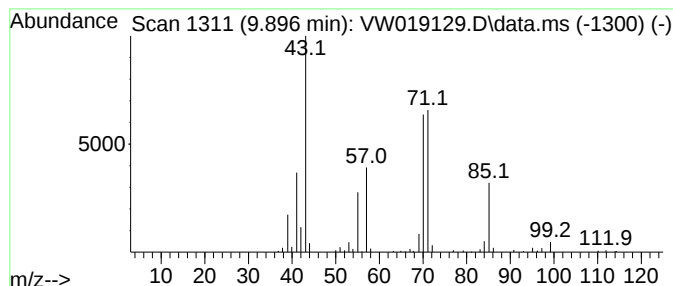
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	1.46 ug/L	123985	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
2			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59



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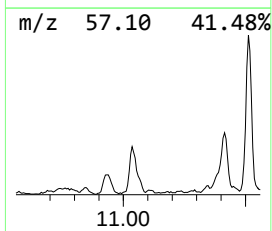
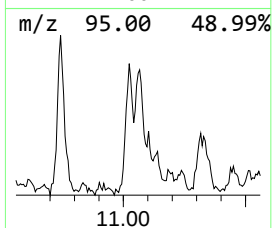
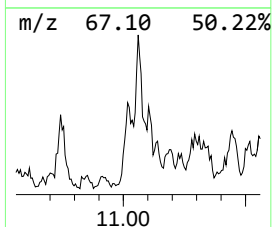
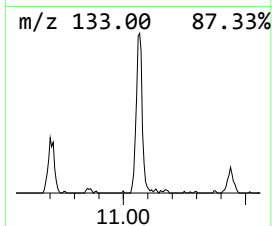
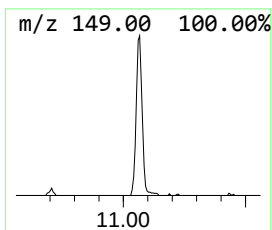
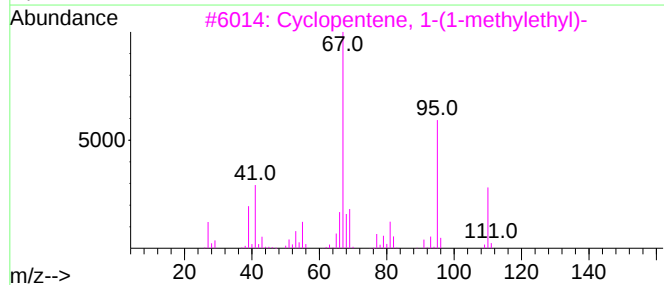
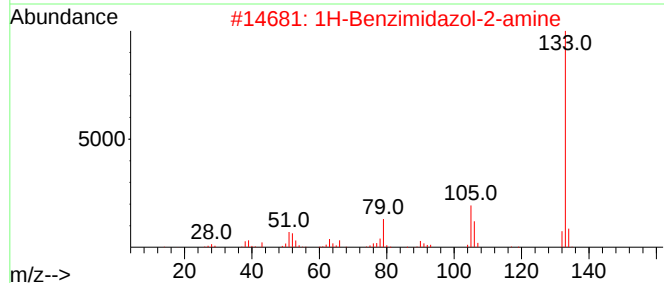
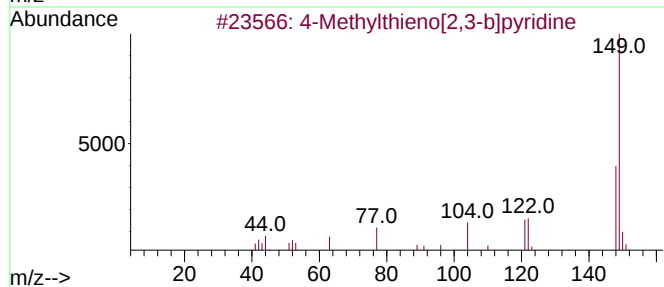
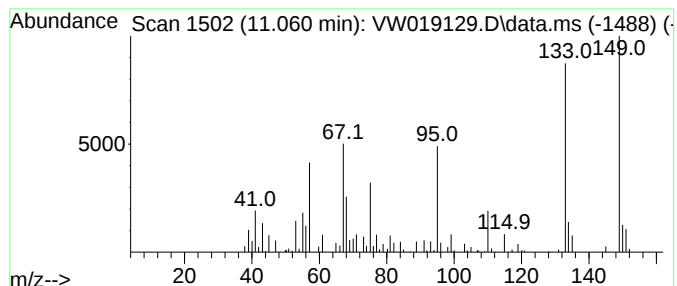
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.060	1.66 ug/L	166826	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	14
2			1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	11
3			Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	11
4			1,3,4-Thiadiazole-2(3H)-thione, ...	133	C2H3N3S2	002349-67-9	10
5			Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	10



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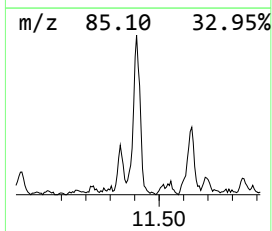
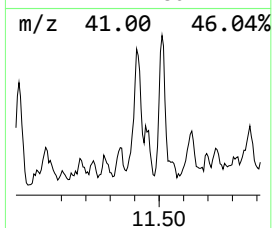
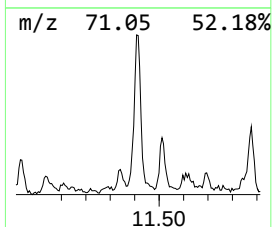
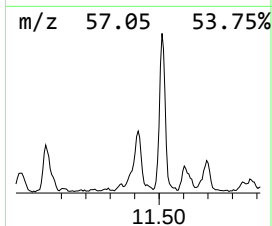
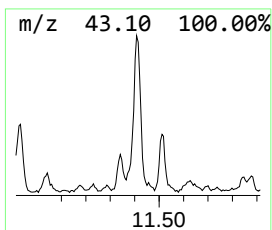
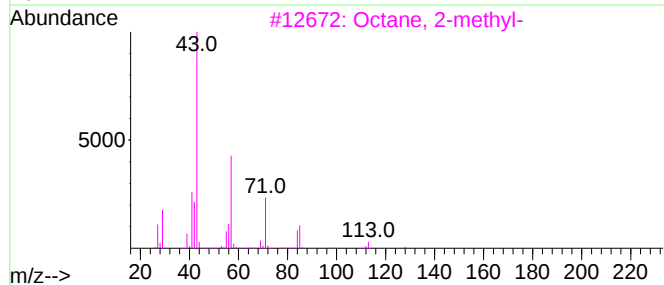
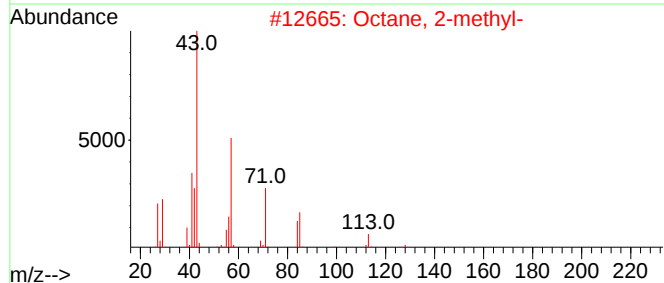
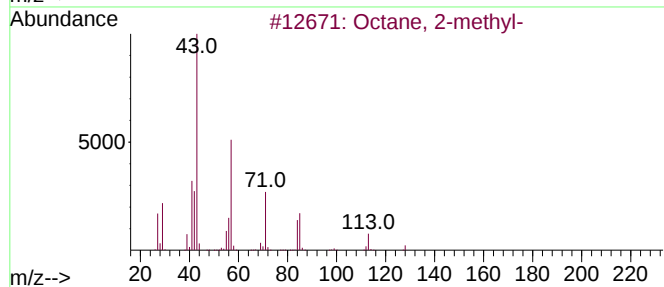
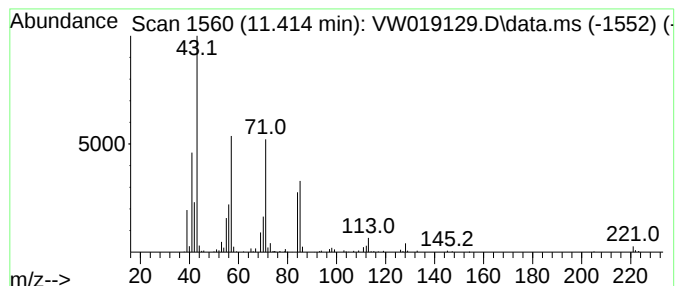
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MSVOA_W
ClientSampleId :
VIBLK124

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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.414	3.00 ug/L	302504	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	83
2	Octane, 2-methyl-	128	C9H20	003221-61-2	80
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

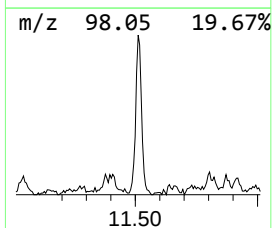
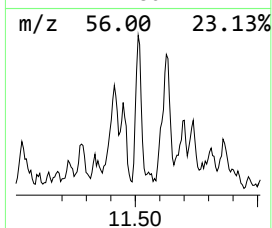
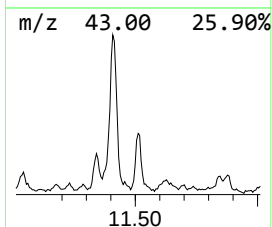
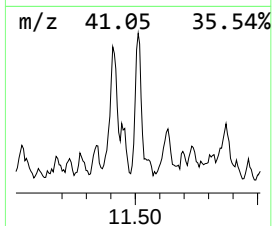
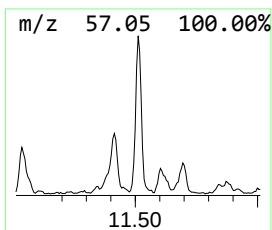
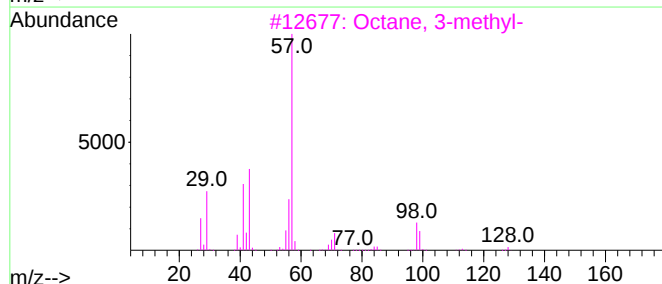
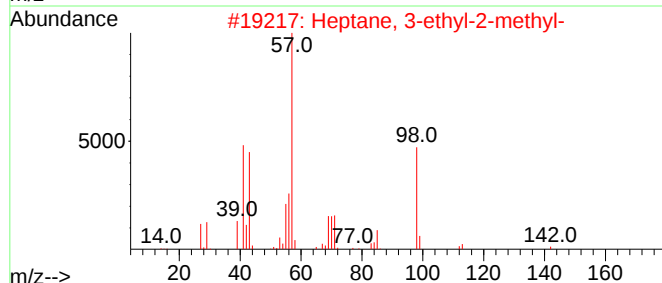
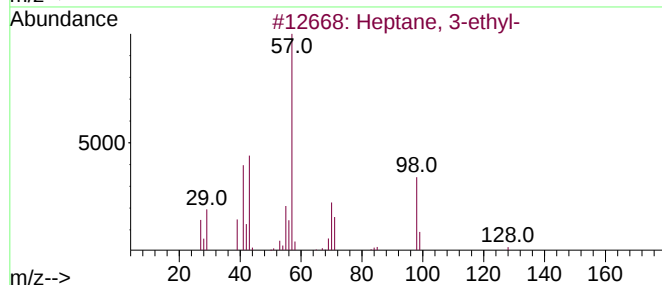
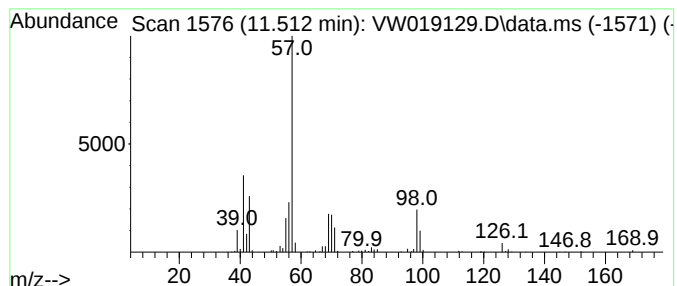
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Quant Title : SFAM01.0

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.
11.512	1.59 ug/L	160498	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3		Octane, 3-methyl-	128	C9H20	002216-33-3	58
4		Octane, 3-methyl-	128	C9H20	002216-33-3	58
5		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

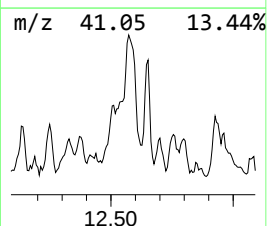
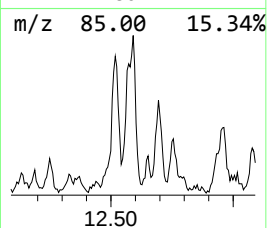
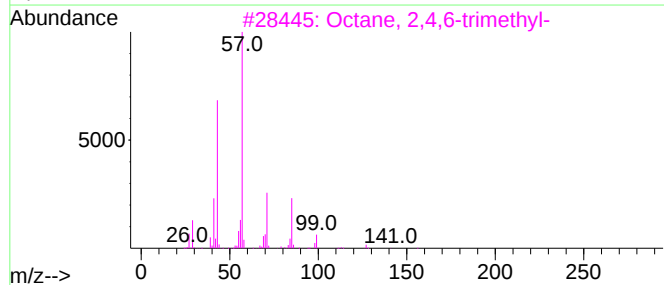
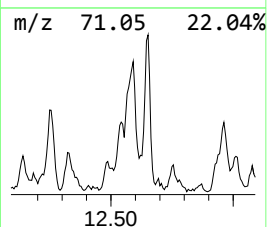
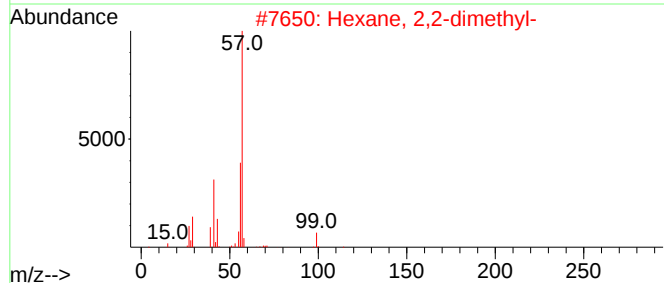
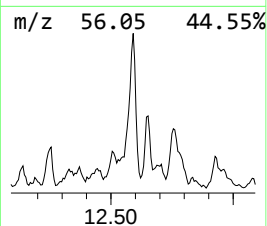
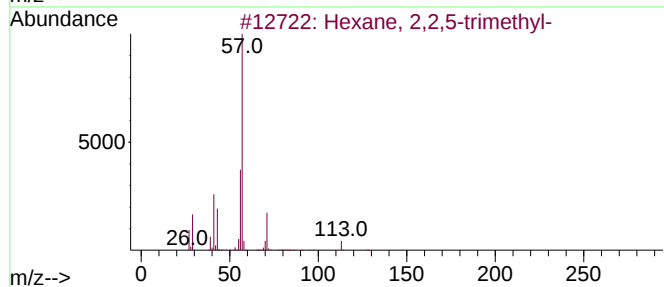
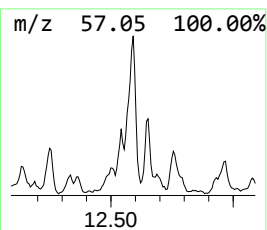
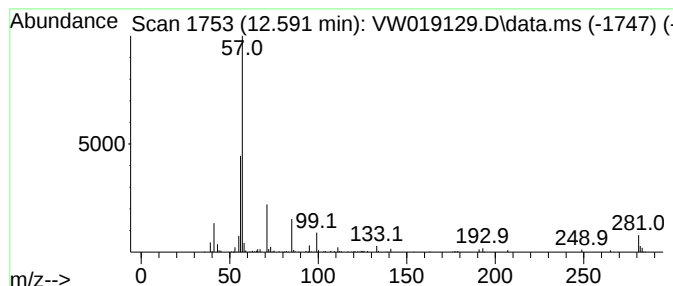
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	2.84 ug/L	286341	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	47
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
4		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	45
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

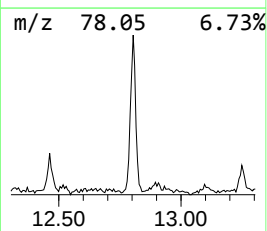
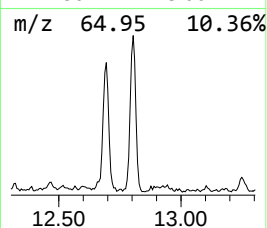
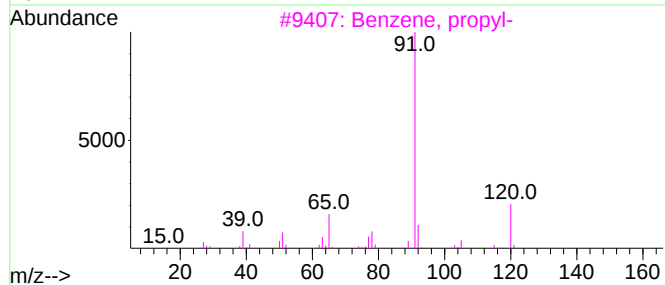
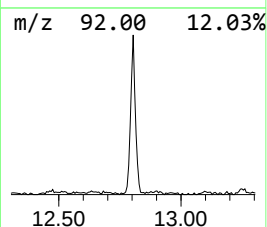
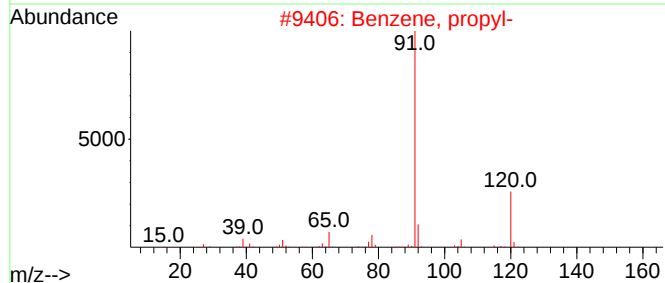
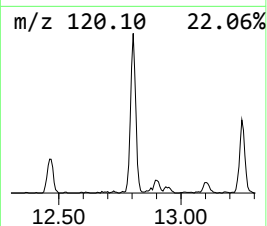
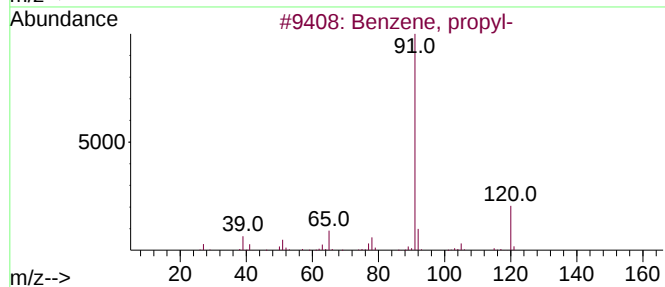
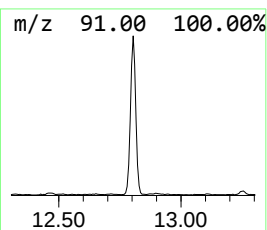
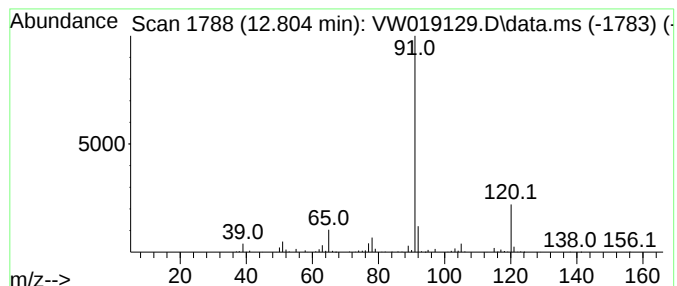
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	2.71 ug/L	258059	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	87
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	76
4			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

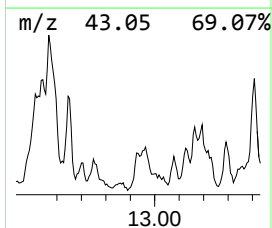
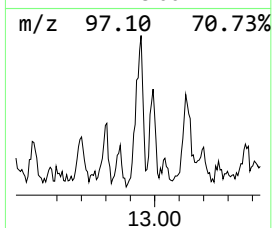
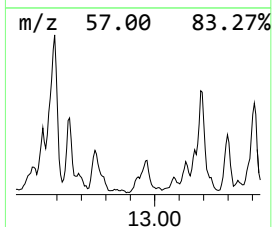
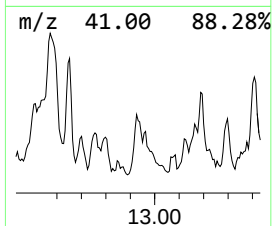
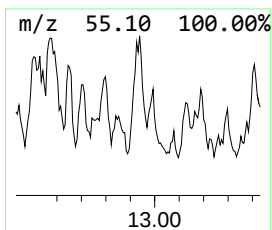
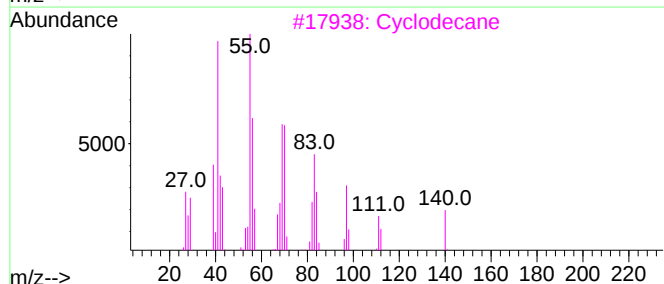
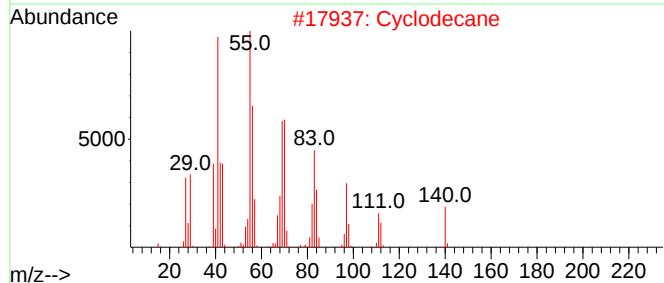
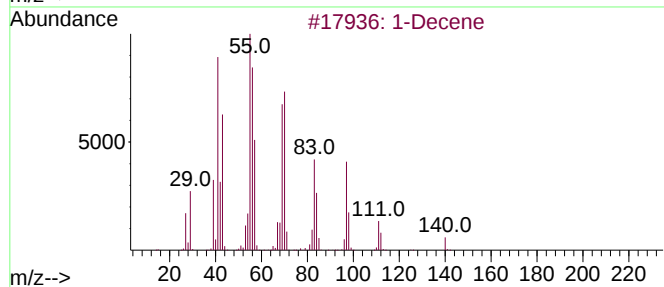
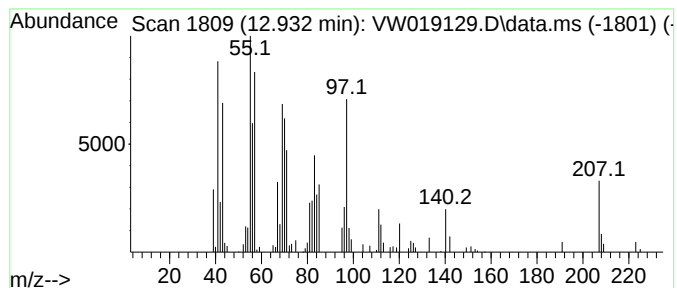
Instrument :
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ClientSampleId :
VIBLK124

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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.932	2.20 ug/L	209393	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Decene		140	C10H20	000872-05-9	83
2	Cyclodecane		140	C10H20	000293-96-9	70
3	Cyclodecane		140	C10H20	000293-96-9	55
4	3-Hexadecene, (Z)-		224	C16H32	034303-81-6	53
5	Dichloroacetic acid, decyl ester		268	C12H22Cl2O2	083005-00-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

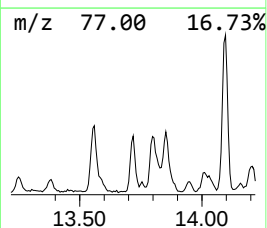
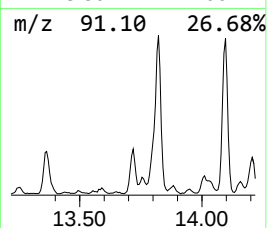
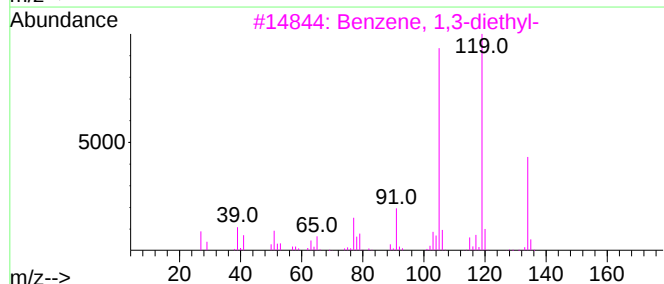
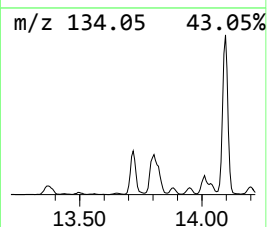
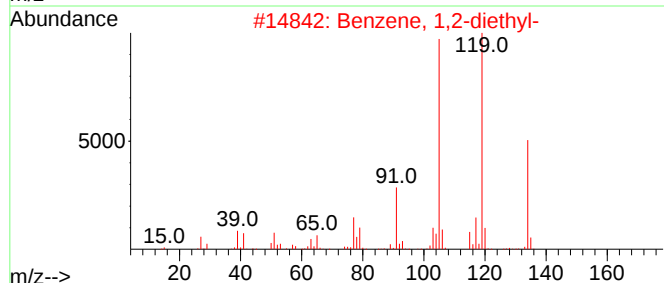
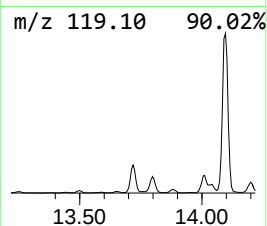
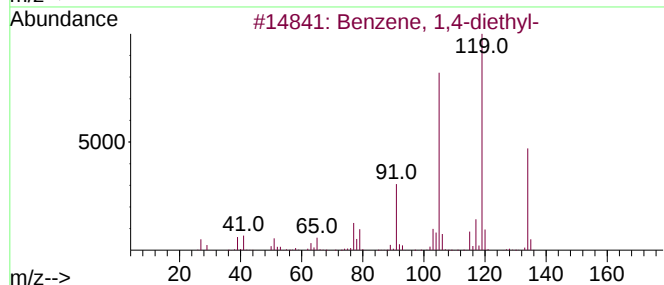
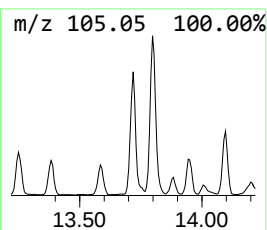
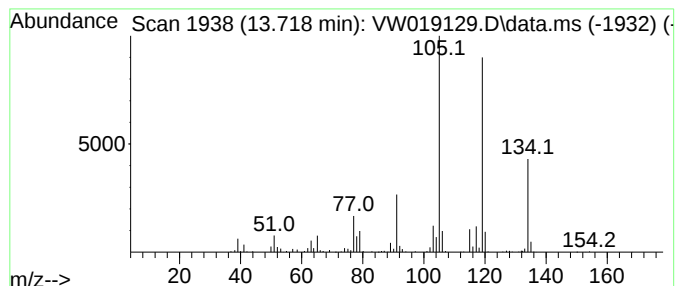
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	3.36 ug/L	319398	1,4-Dichlorobenzene-d4	13.560

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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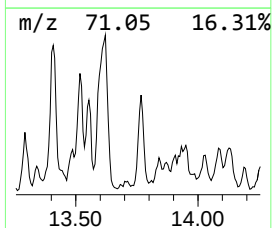
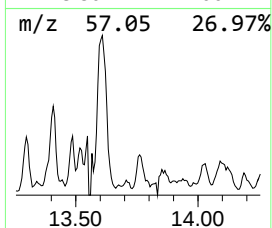
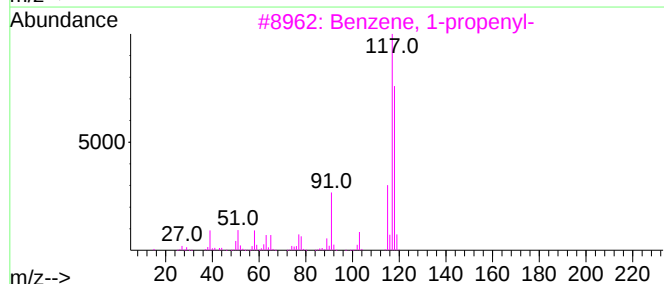
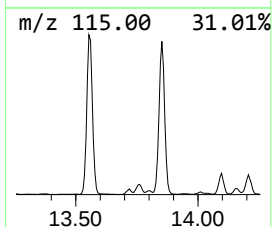
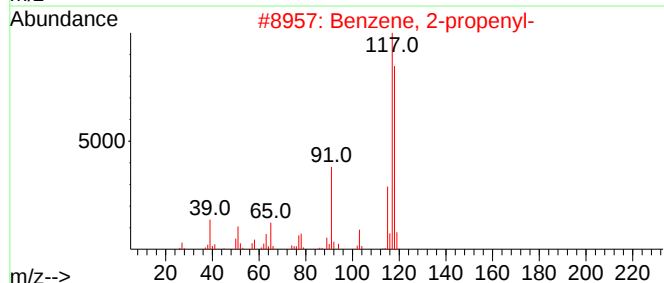
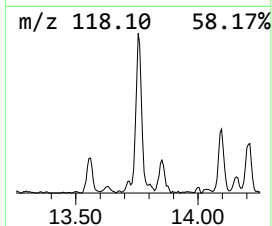
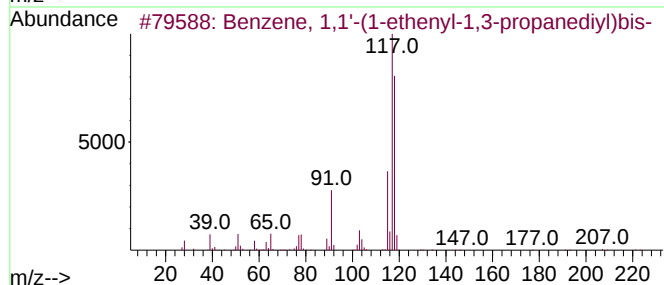
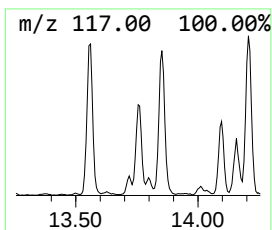
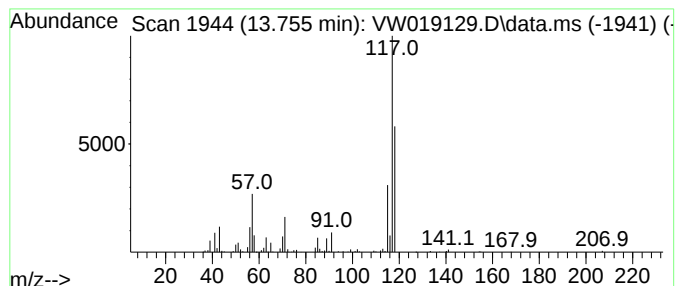
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	2.19 ug/L	208548	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	64
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	53
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

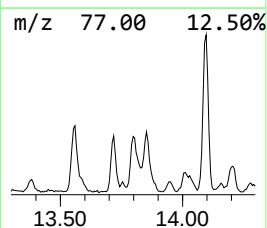
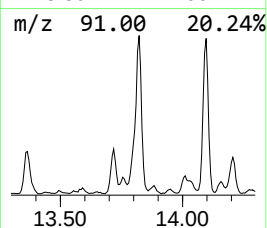
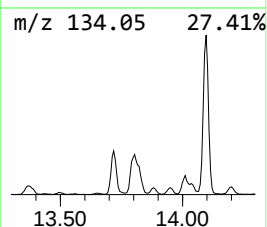
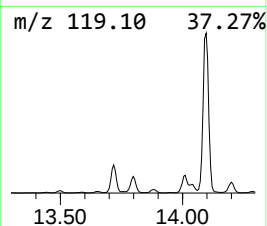
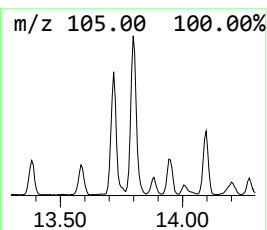
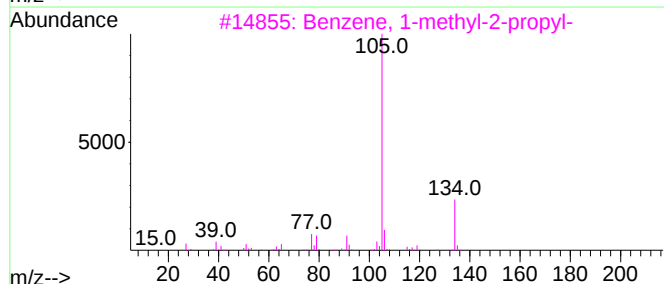
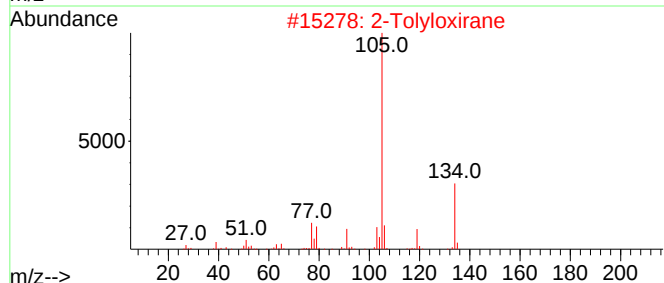
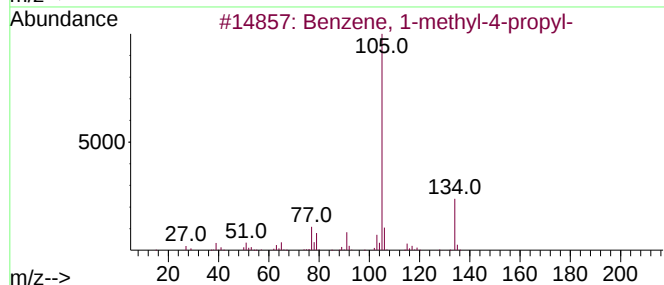
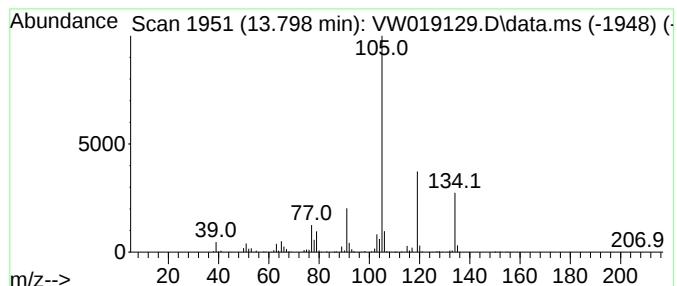
Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.798	3.72 ug/L	354194	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-		134	C10H14	001074-55-1	81
2	2-Tolyloxirane		134	C9H10O	002783-26-8	81
3	Benzene, 1-methyl-2-propyl-		134	C10H14	001074-17-5	74
4	Benzene, 1-methyl-3-propyl-		134	C10H14	001074-43-7	72
5	Benzene, 1-methyl-2-propyl-		134	C10H14	001074-17-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

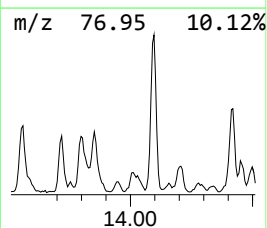
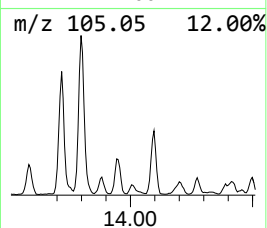
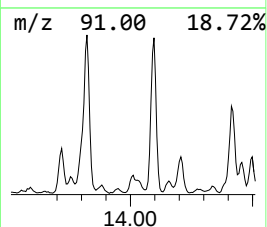
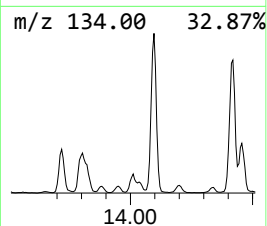
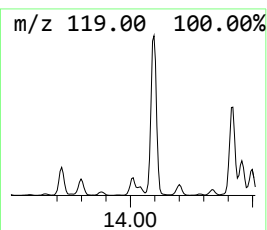
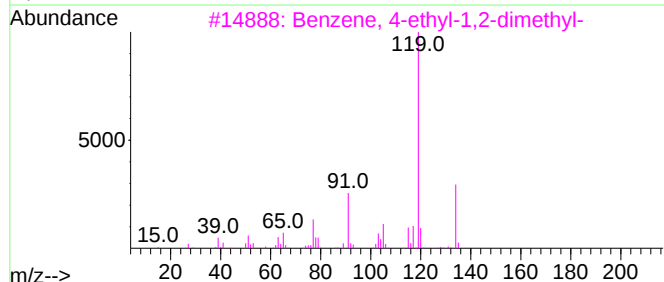
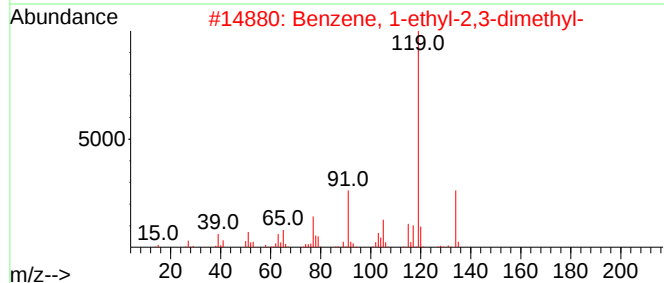
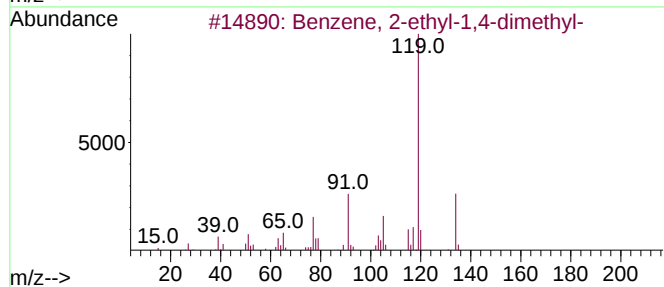
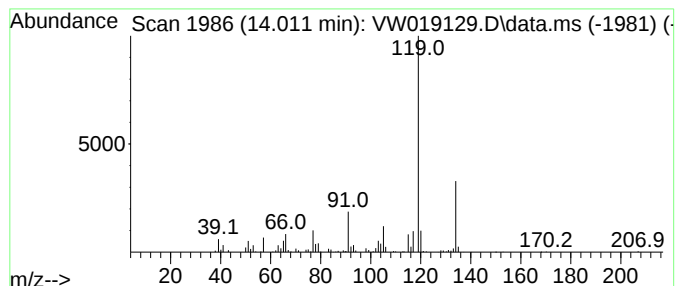
Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.011	2.10 ug/L	200135	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, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
4	o-Cymene		134	C10H14	000527-84-4	93
5	o-Cymene		134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

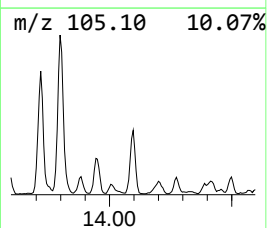
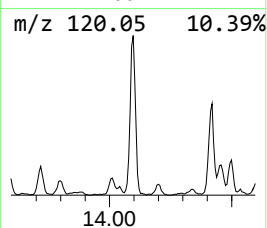
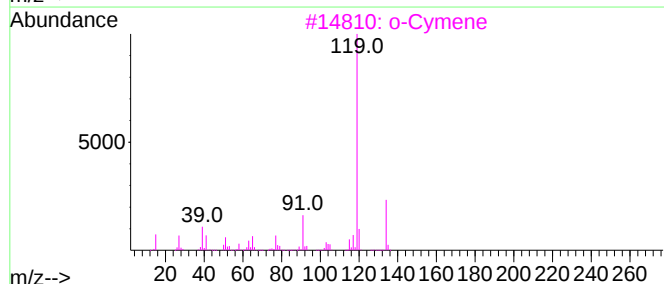
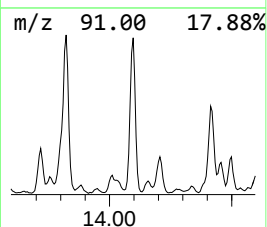
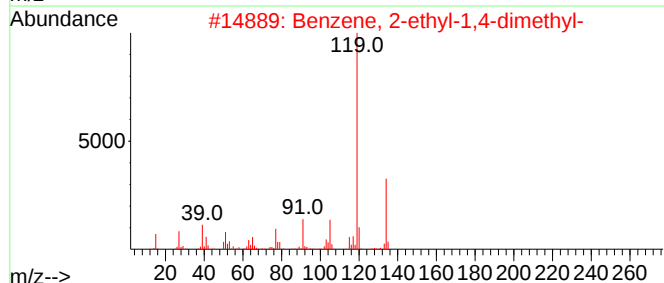
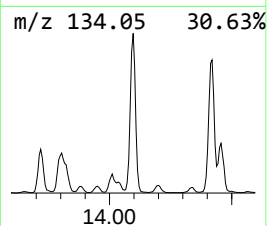
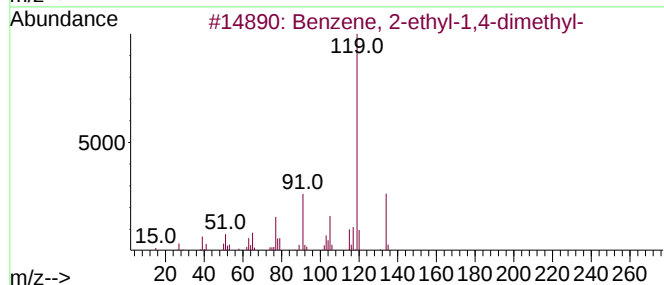
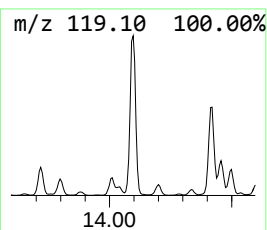
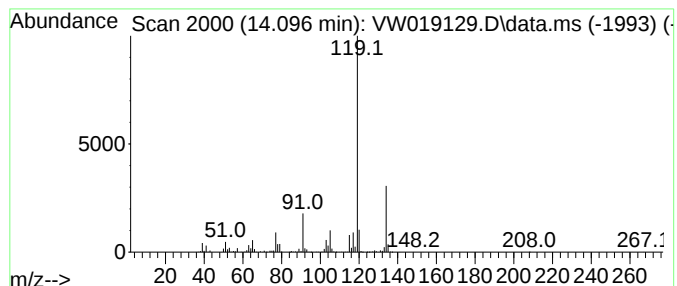
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Quant Title : SFAM01.0

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

Peak Number 14 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.096	11.47 ug/L	1090590	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

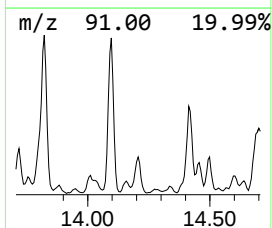
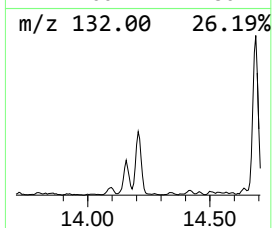
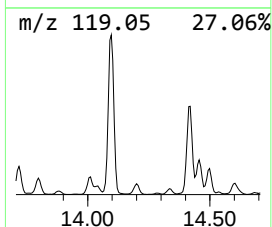
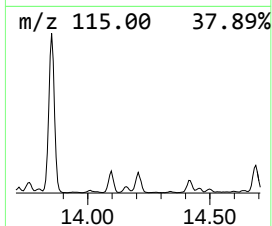
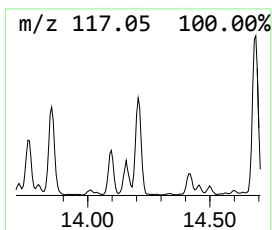
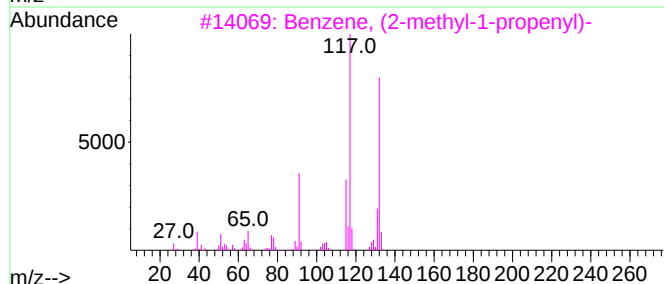
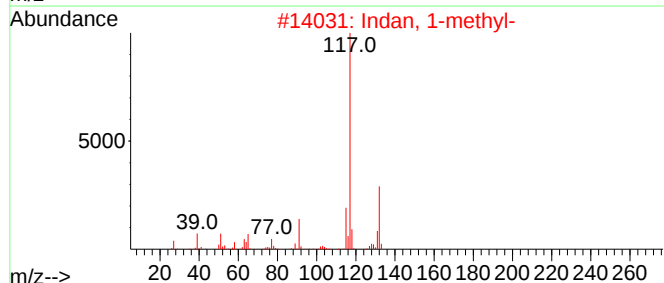
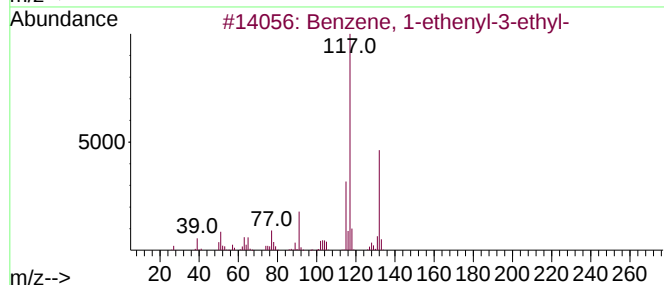
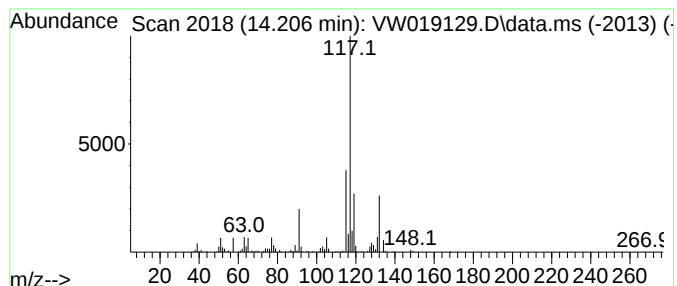
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	3.26 ug/L	309785	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2			Indan, 1-methyl-	132	C10H12	000767-58-8	76
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74
4			Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	68
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

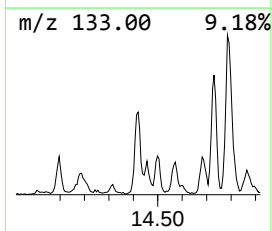
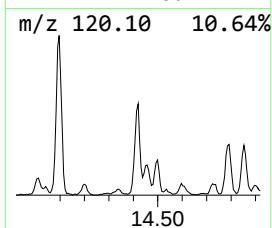
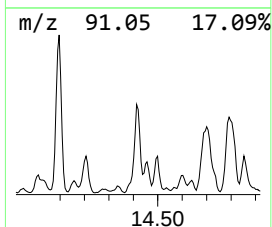
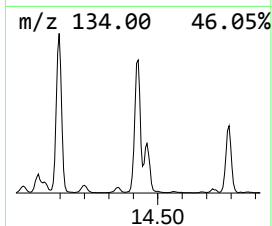
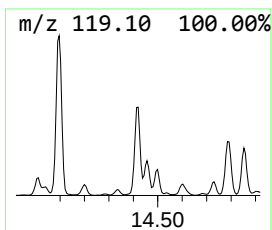
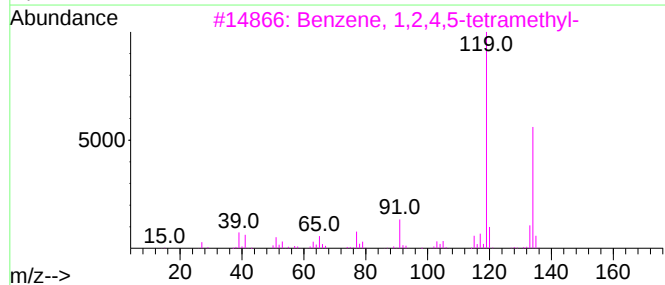
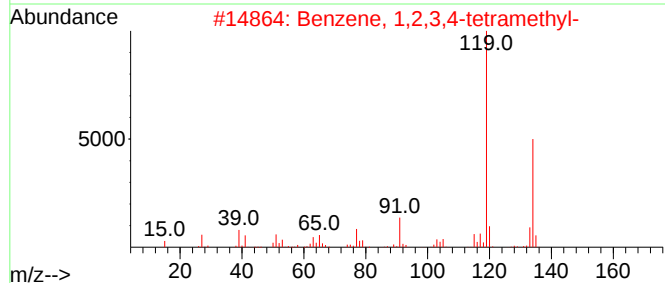
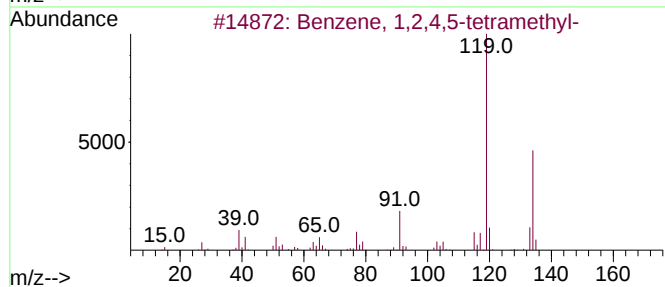
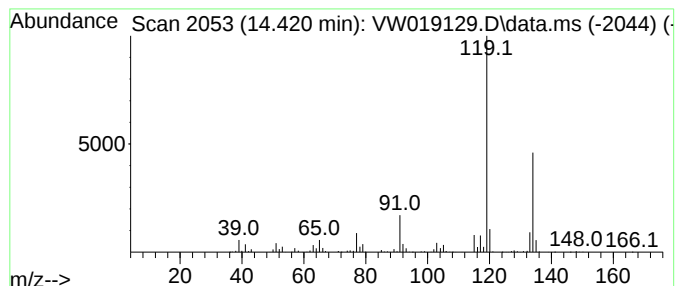
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	7.39 ug/L	703385	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	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

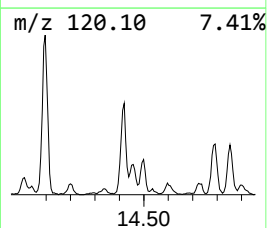
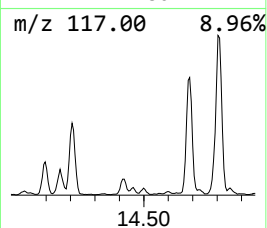
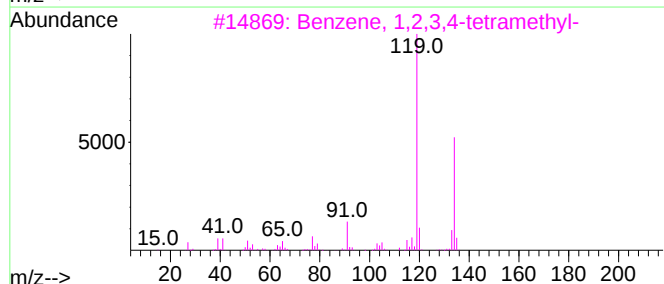
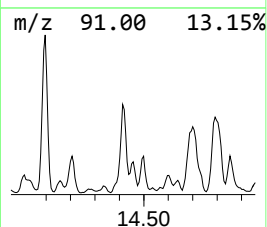
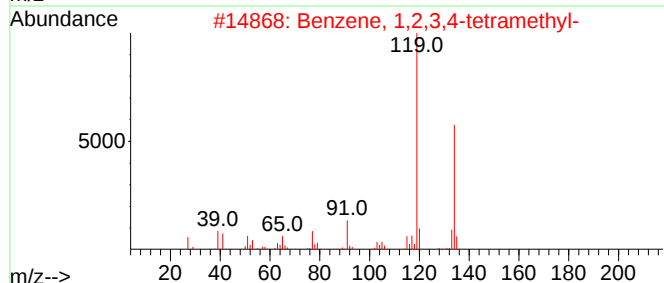
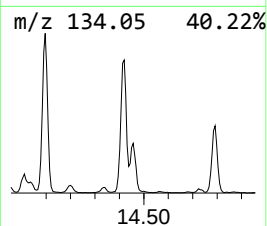
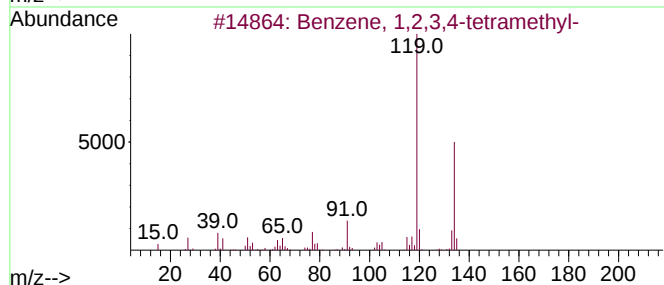
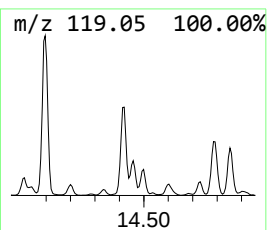
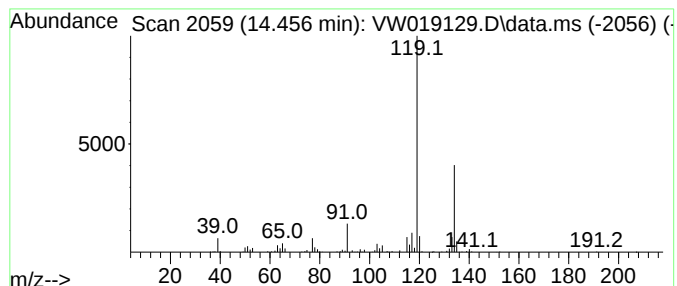
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	1.83 ug/L	173641	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

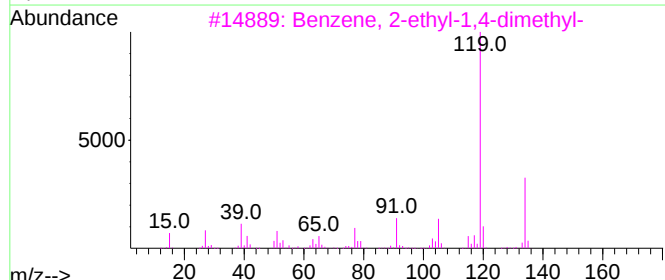
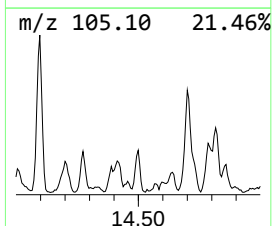
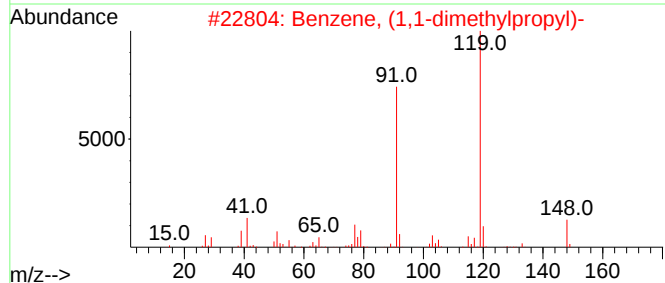
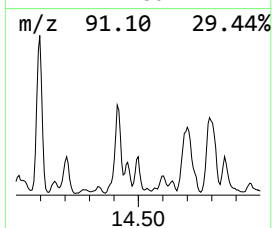
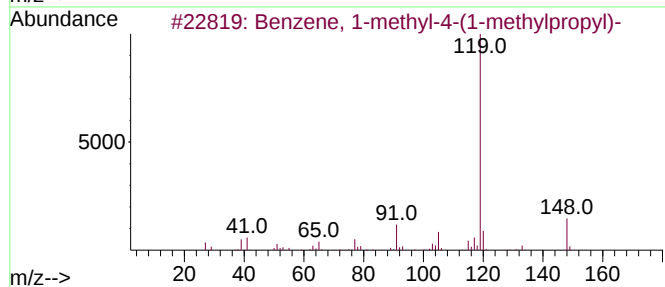
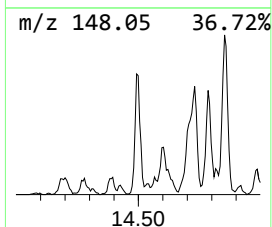
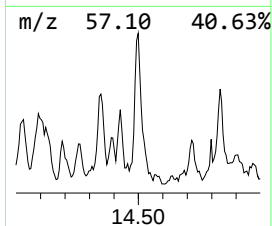
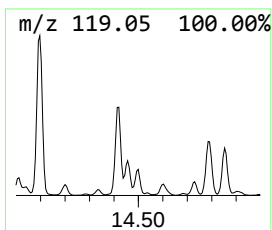
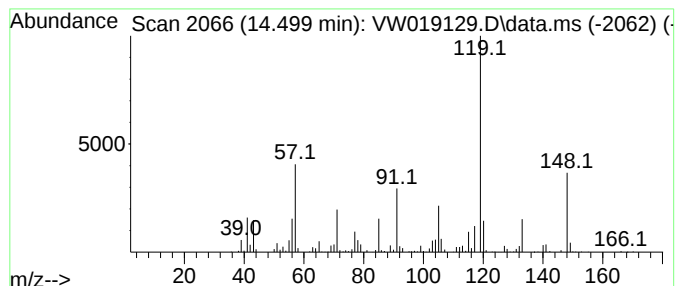
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Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	2.19 ug/L	207841	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
4			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	47
5			4'-Methylpropiophenone	148	C10H12O	005337-93-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

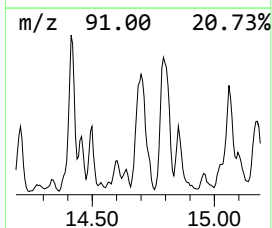
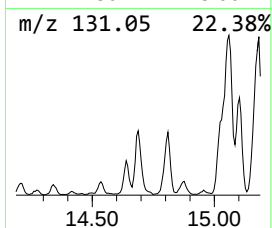
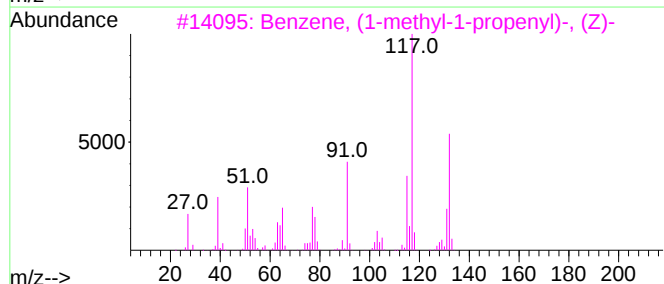
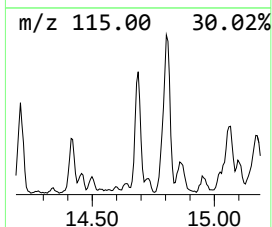
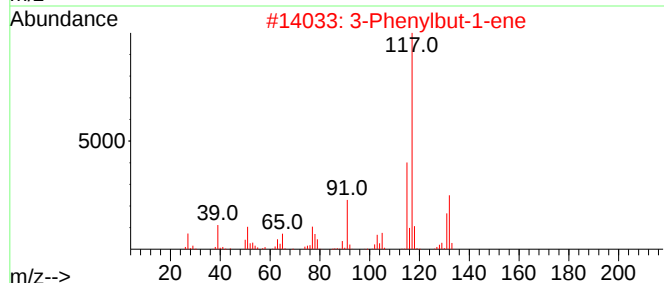
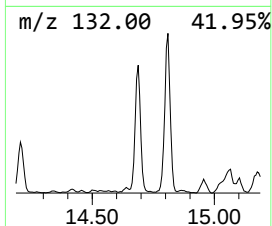
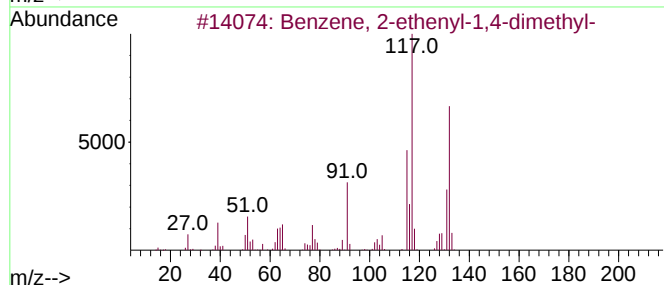
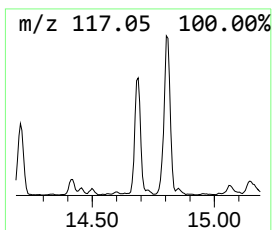
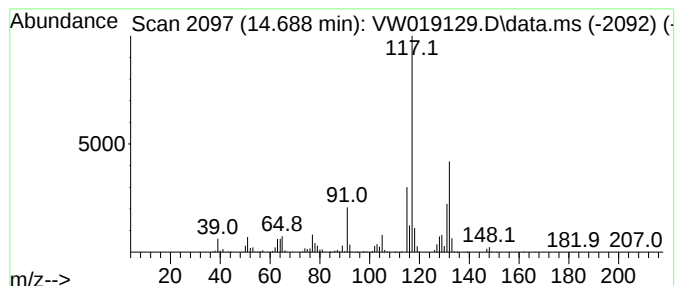
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	6.03 ug/L	574001	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

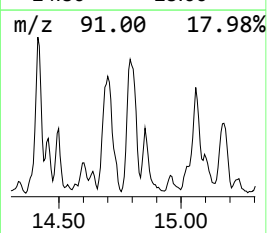
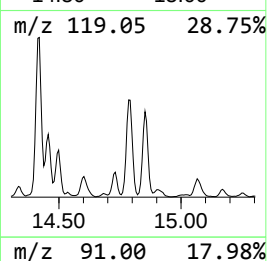
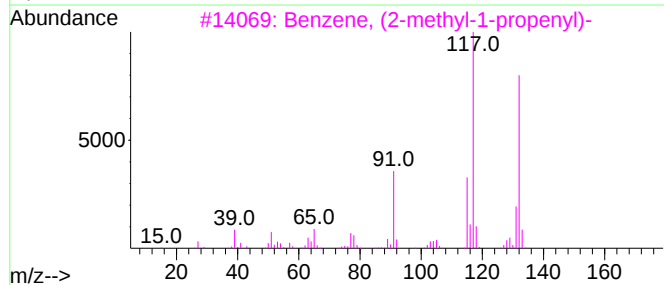
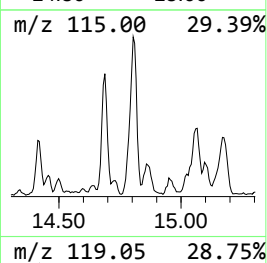
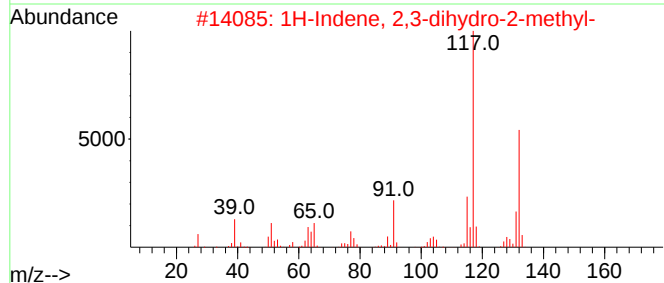
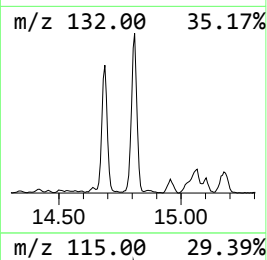
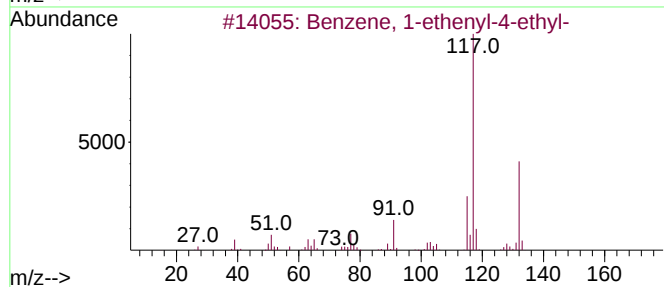
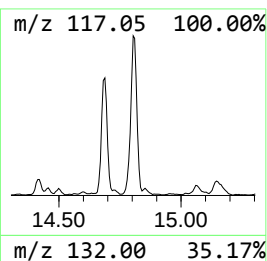
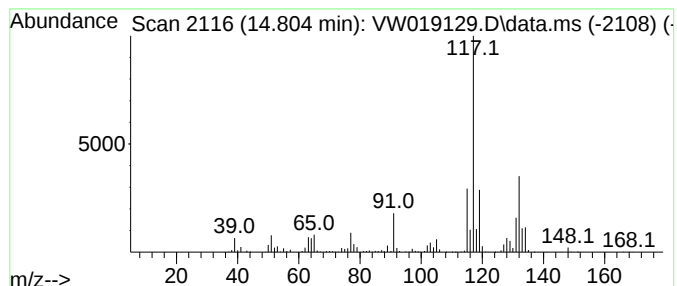
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	11.63 ug/L	1106400	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

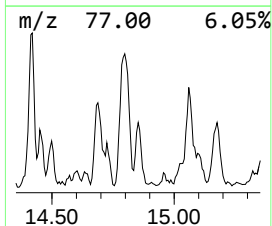
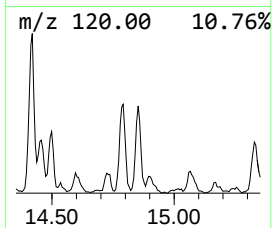
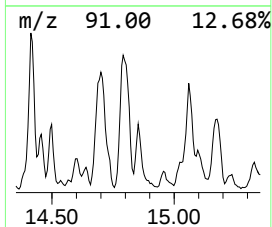
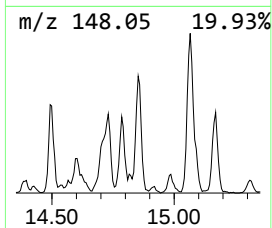
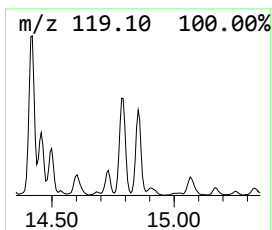
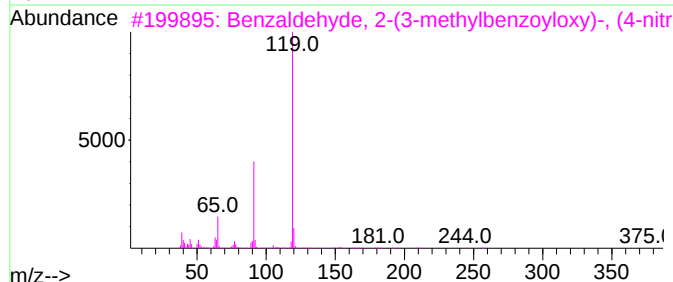
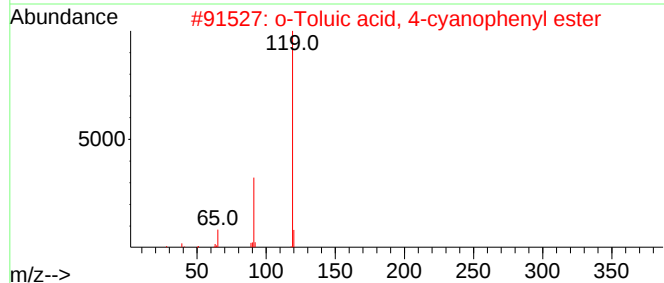
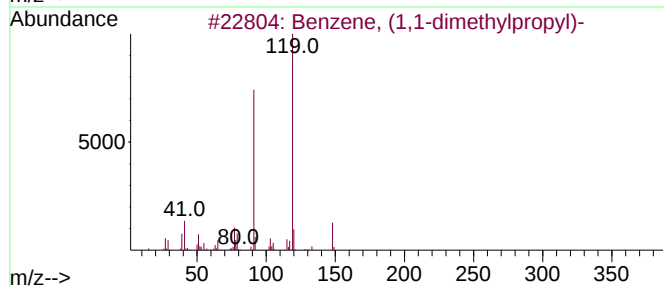
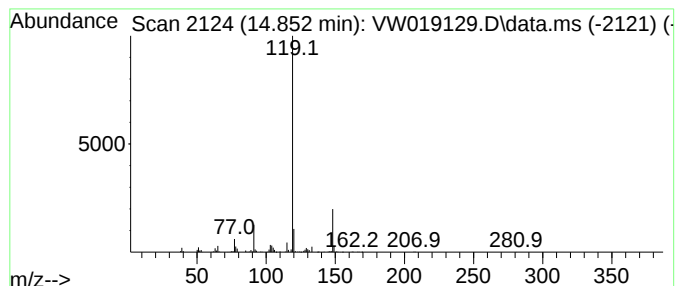
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.852	2.98 ug/L	283389	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	87
2			o-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-45-8	59
3			Benzaldehyde, 2-(3-methylbenzoyl...	375	C21H17N3O4	1000296-43-0	59
4			o-Toluic acid, 4-nitrophenyl ester	257	C14H11NO4	1000307-46-0	59
5			3-Methylbenzoic acid, 2,5-dichlo...	280	C14H10Cl2O2	1000325-71-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

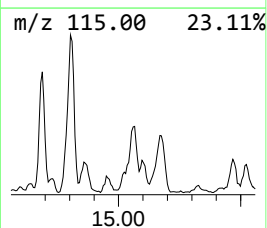
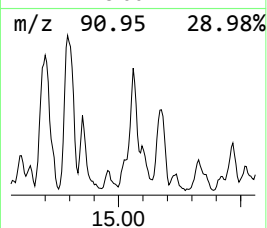
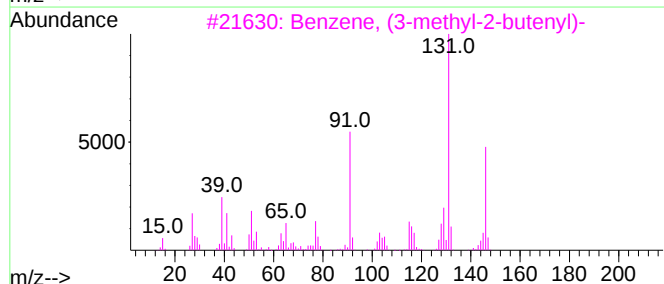
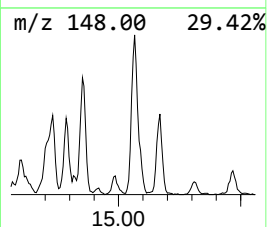
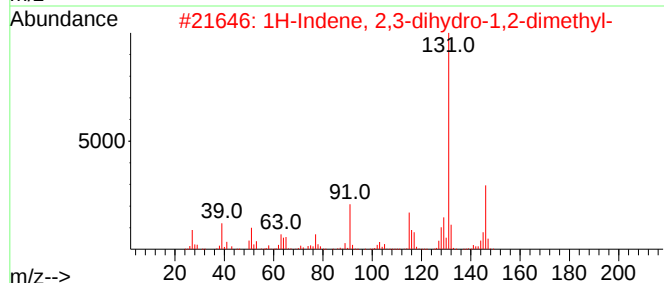
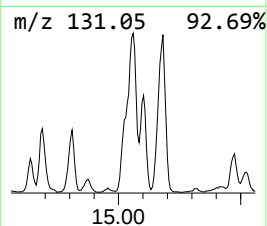
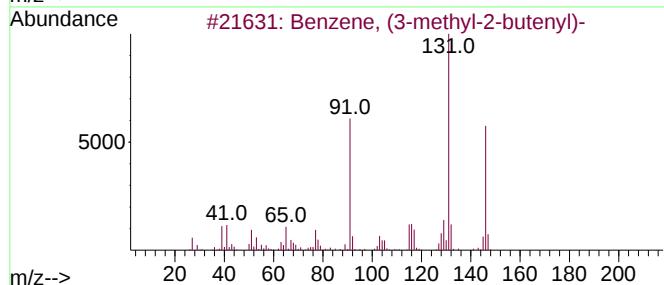
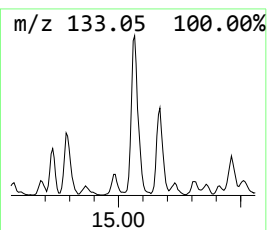
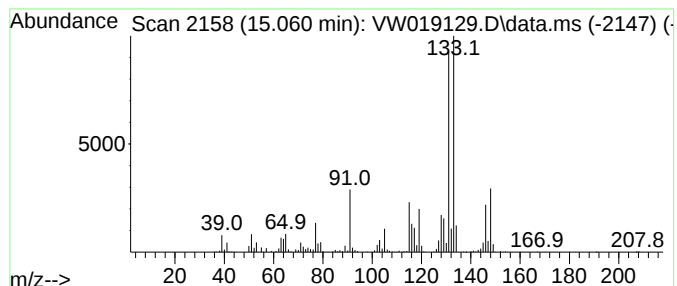
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	8.06 ug/L	766250	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

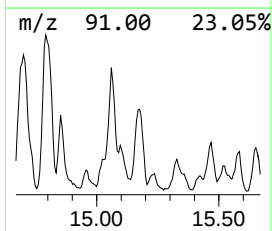
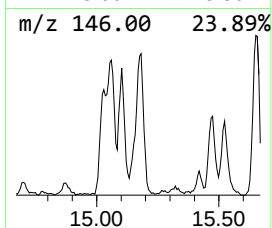
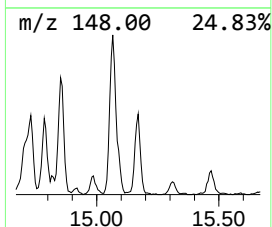
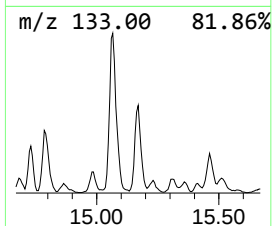
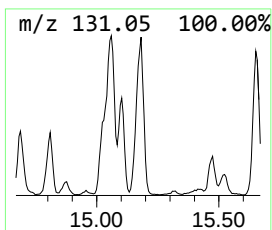
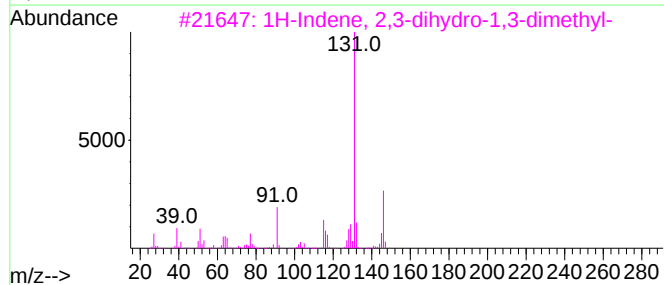
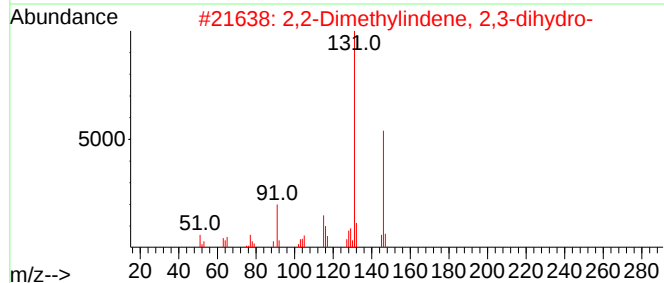
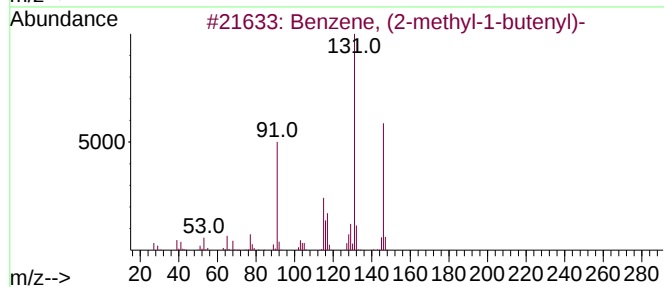
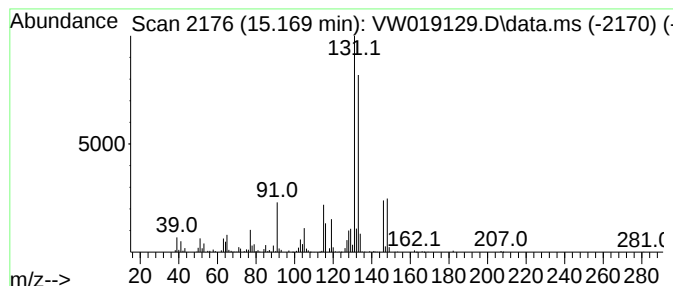
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	5.08 ug/L	482844	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	78
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

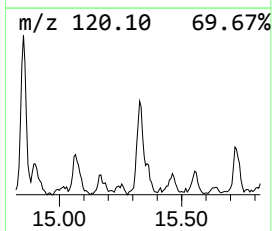
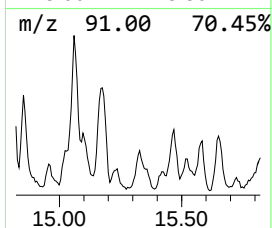
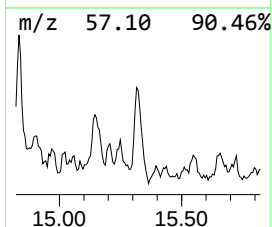
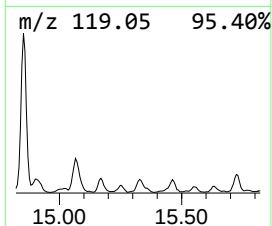
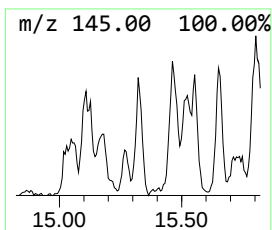
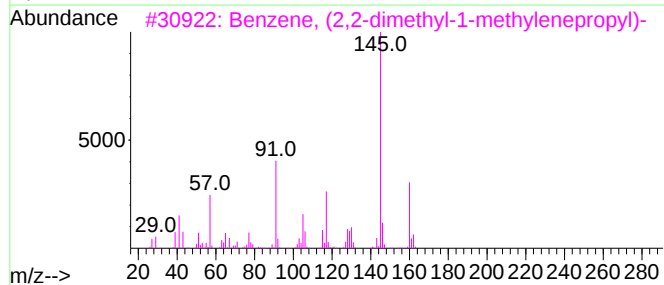
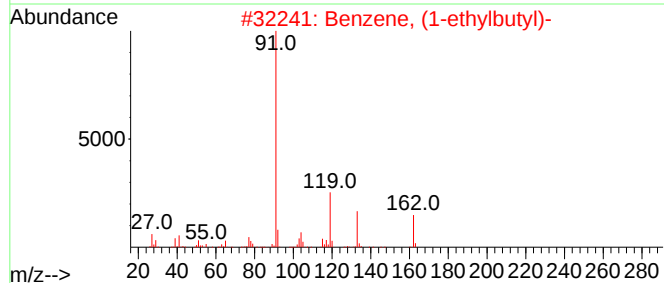
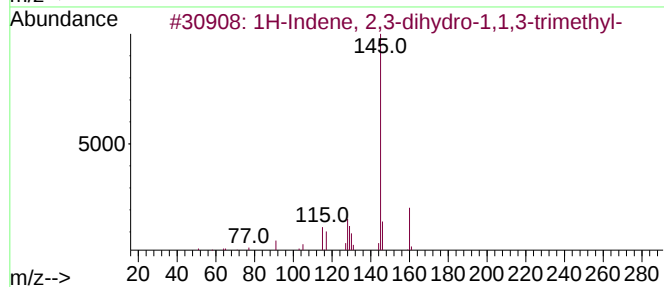
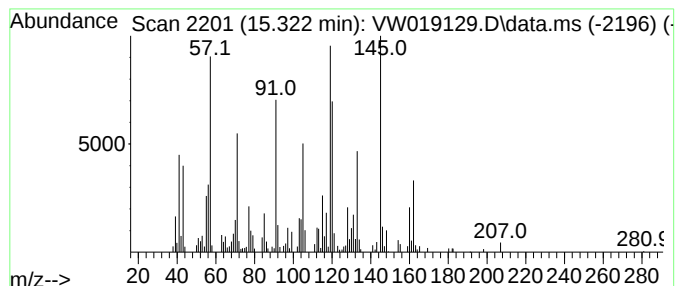
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Quant Title : SFAM01.0

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

Peak Number 24 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	1.36 ug/L	129497	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	38
2			Benzene, (1-ethylbutyl)-	162	C12H18	004468-42-2	38
3			Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	35
4			1,5-Dimethyl-2-pyrrolicarbonitrile	120	C7H8N2	056341-36-7	35
5			Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

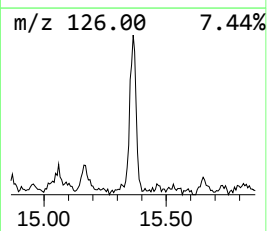
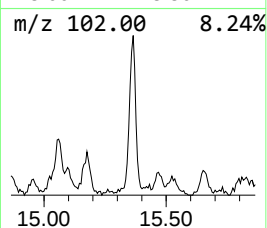
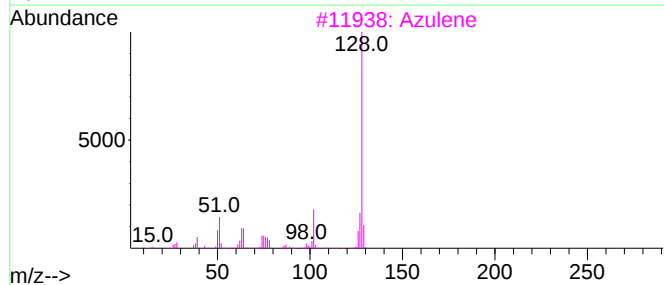
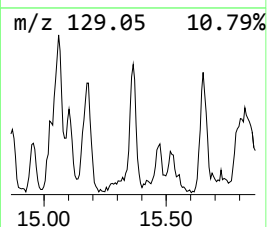
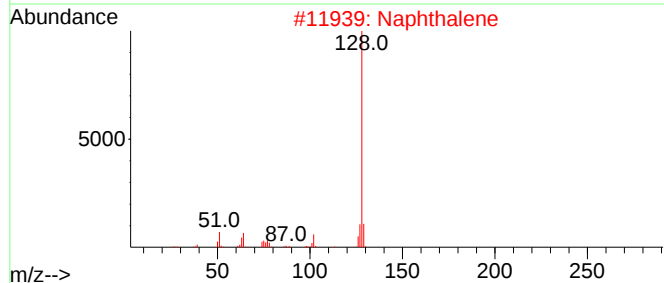
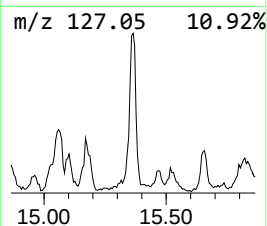
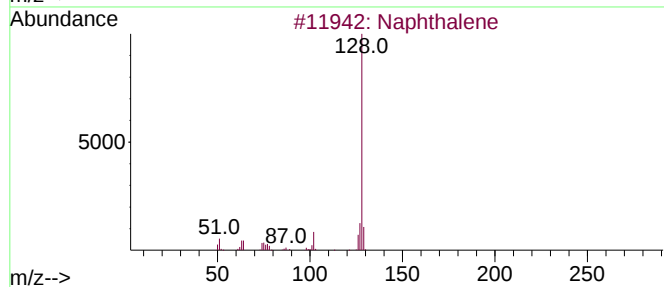
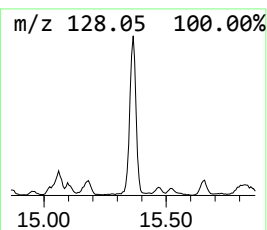
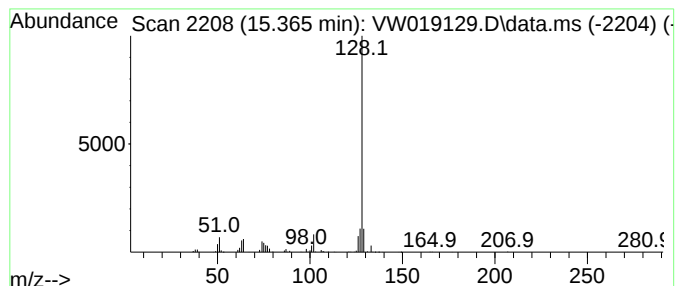
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Quant Title : SFAM01.0

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

Peak Number 25 Azulene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	2.46 ug/L	234420	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	93
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	90
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

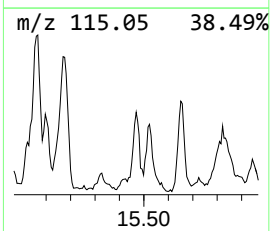
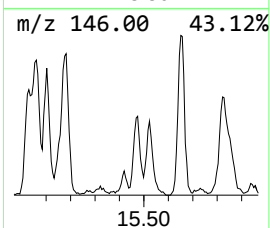
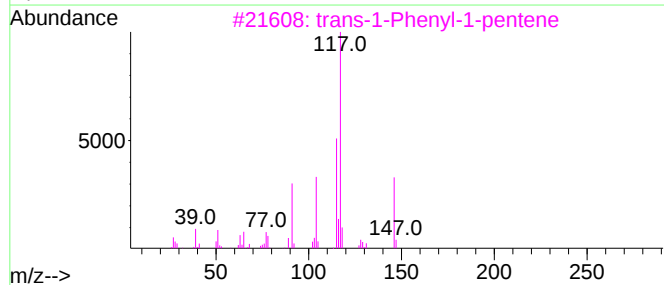
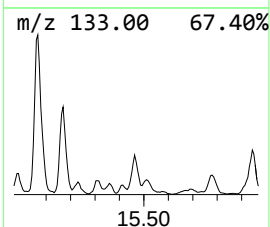
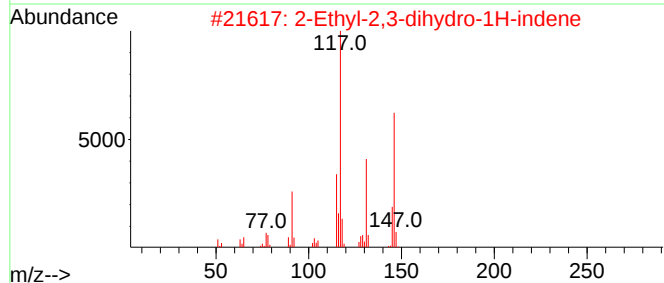
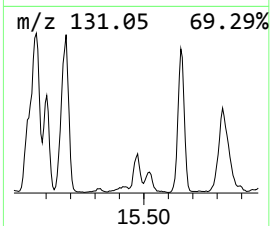
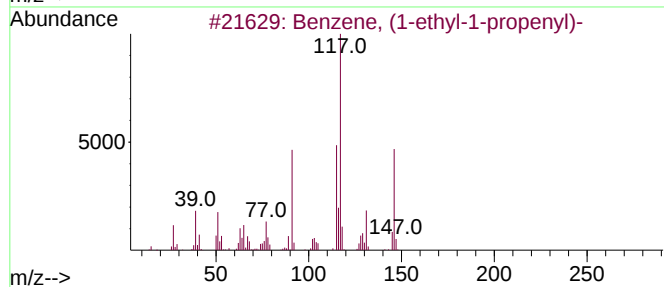
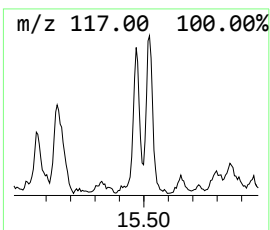
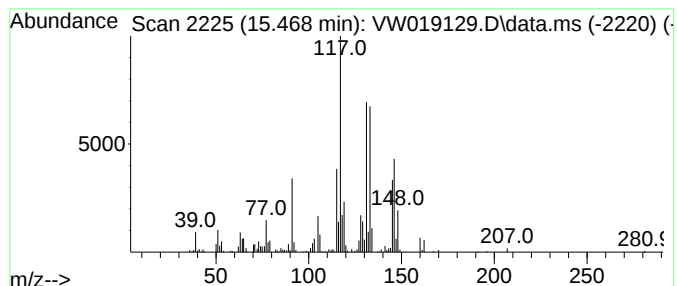
Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0

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

Peak Number 26 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.468	2.33 ug/L	221755	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-		146	C11H14	004701-36-4	55
2	2-Ethyl-2,3-dihydro-1H-indene		146	C11H14	056147-63-8	46
3	trans-1-Phenyl-1-pentene		146	C11H14	016002-93-0	43
4	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001680-51-9	41
5	Benzene, (1,2-dimethyl-1-propenyl)-		146	C11H14	000769-57-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

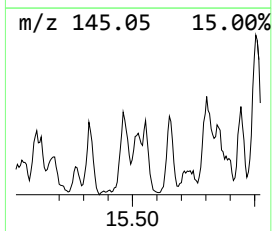
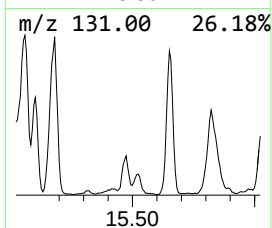
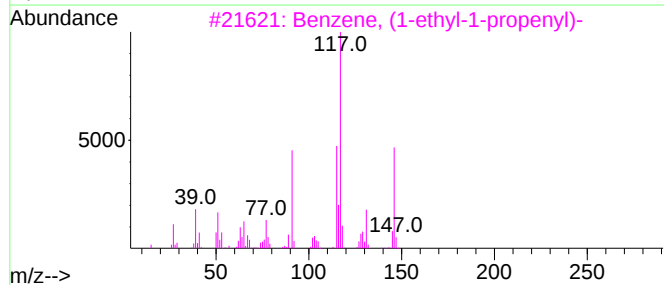
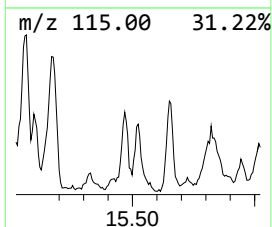
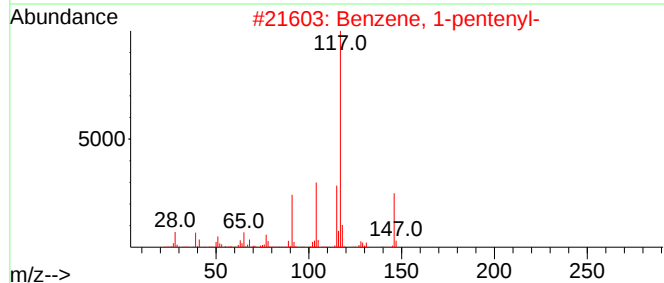
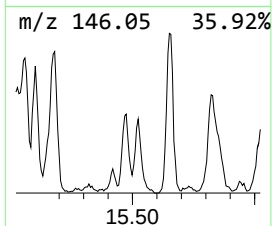
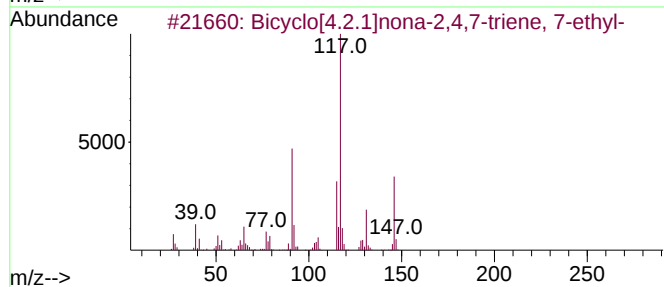
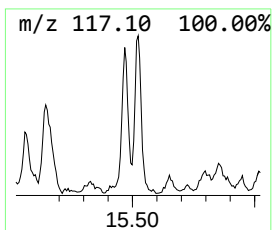
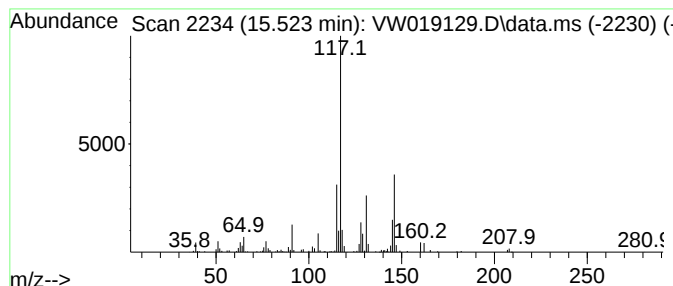
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Quant Title : SFAM01.0

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

Peak Number 27 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.523	2.84 ug/L	270093	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	72
2		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
3		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
4		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
5		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

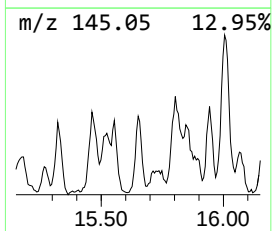
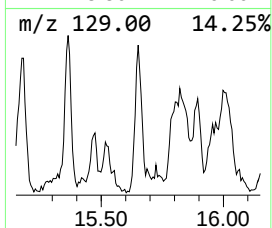
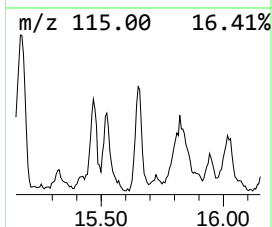
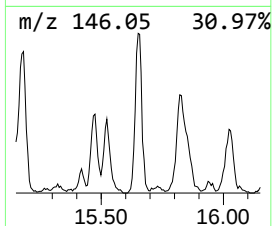
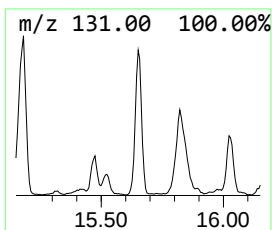
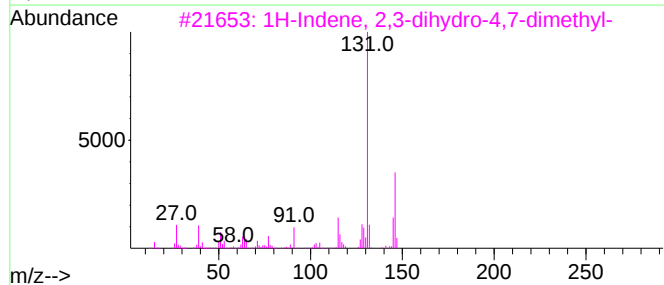
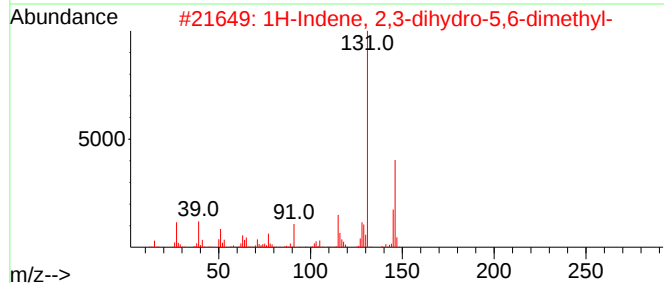
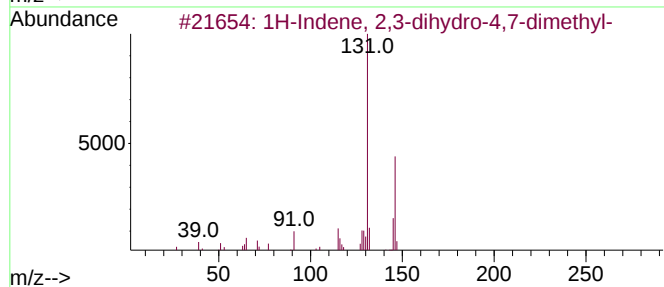
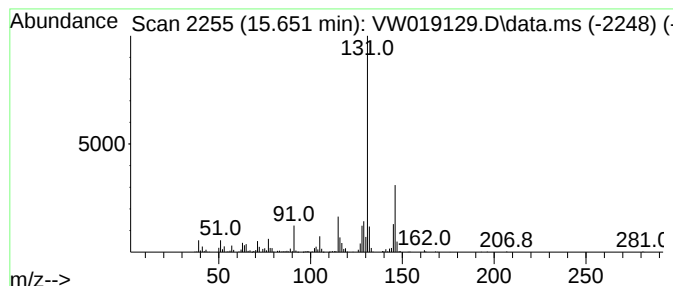
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Quant Title : SFAM01.0

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

Peak Number 28 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	3.64 ug/L	345968	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

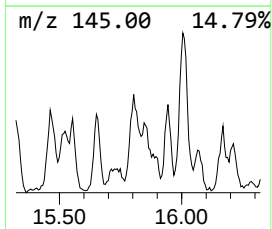
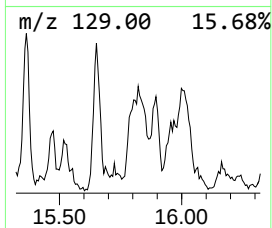
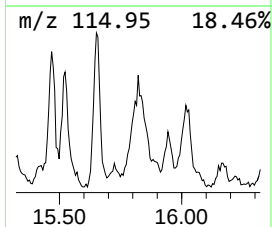
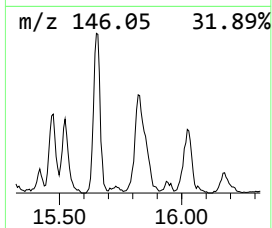
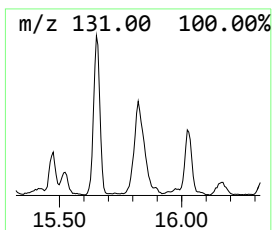
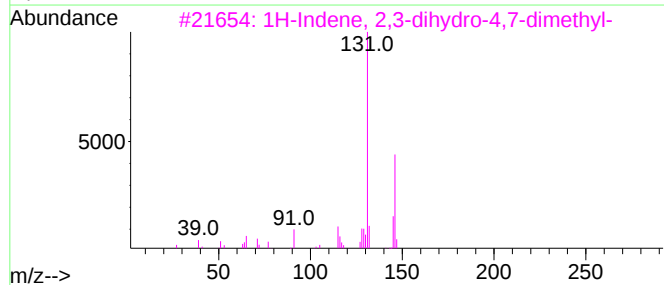
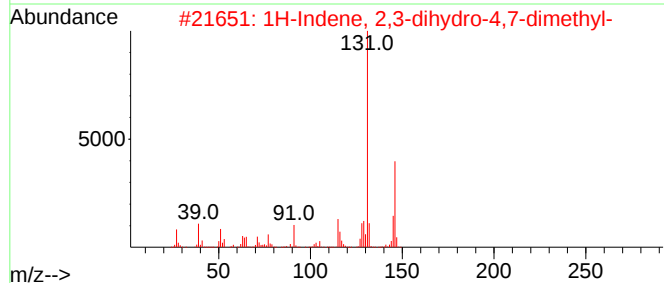
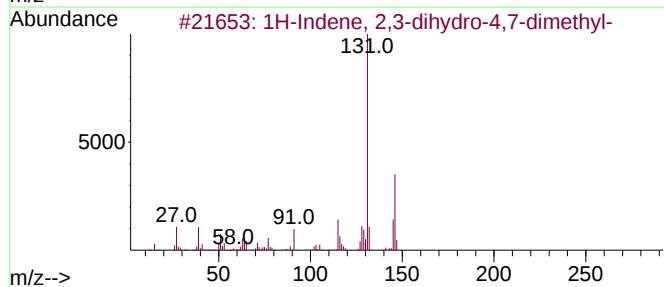
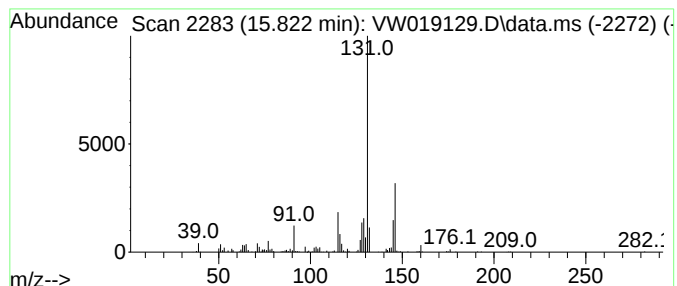
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Quant Title : SFAM01.0

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

Peak Number 29 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	3.42 ug/L	325157	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

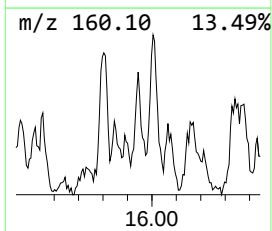
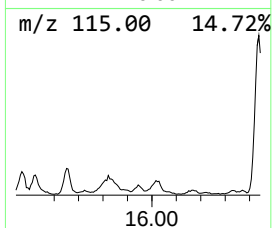
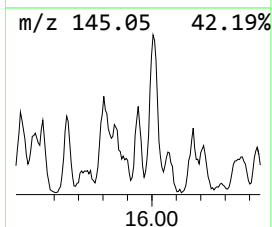
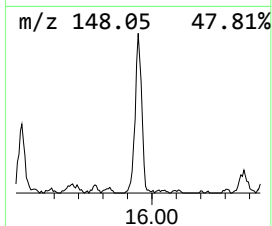
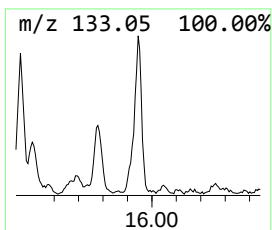
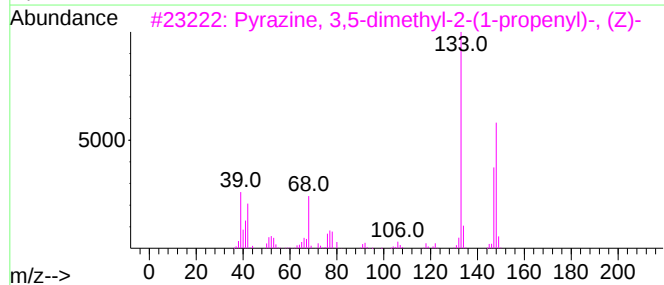
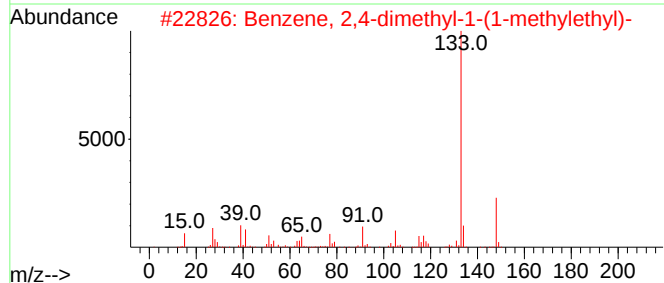
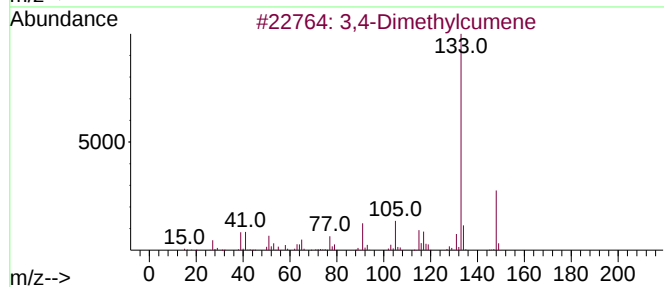
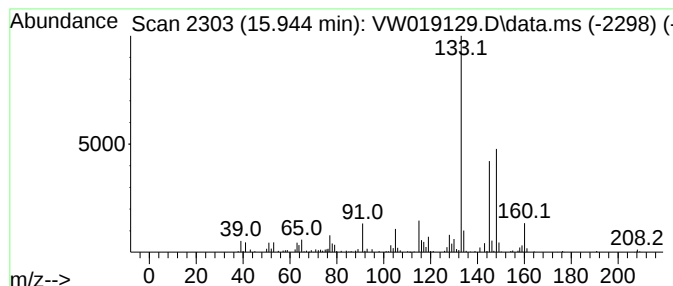
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Quant Title : SFAM01.0

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

Peak Number 30 3,4-Dimethylcumene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	1.38 ug/L	131421	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
2			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	58
3			Pyrazine, 3,5-dimethyl-2-(1-prop...	148	C9H12N2	055138-74-4	53
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5			Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

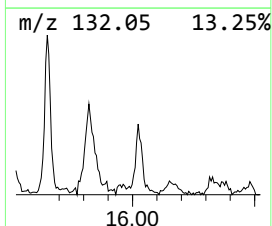
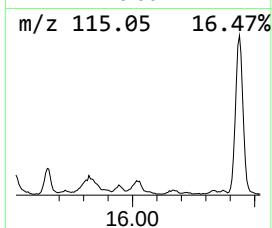
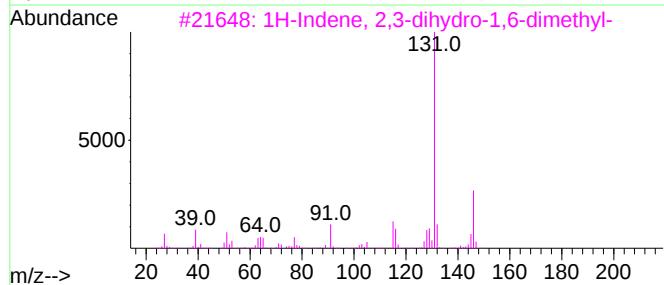
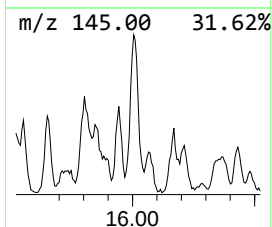
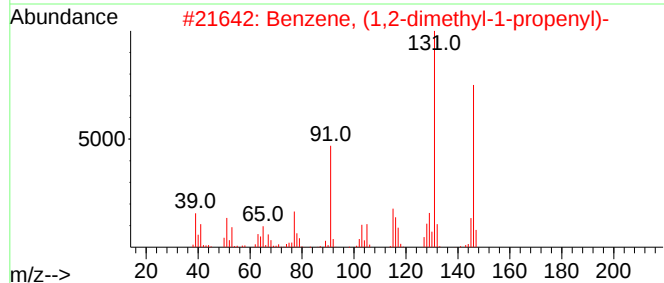
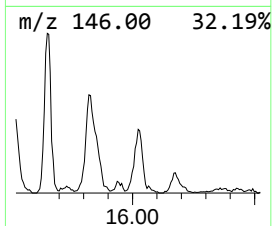
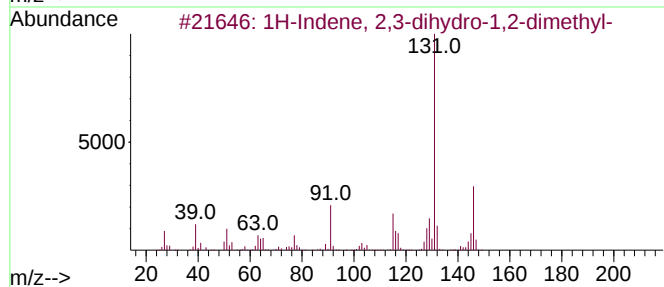
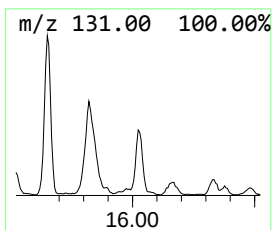
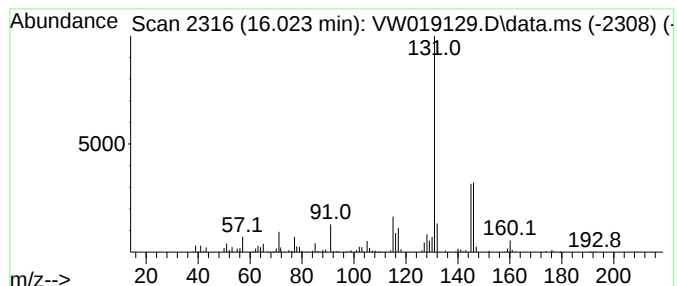
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Quant Title : SFAM01.0

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

Peak Number 31 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	2.75 ug/L	261336	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

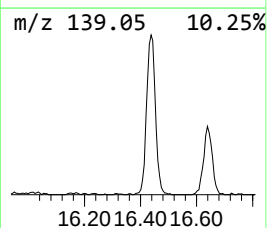
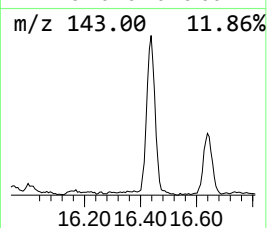
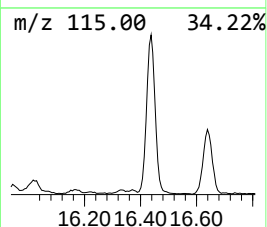
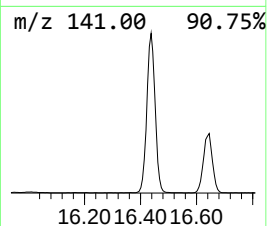
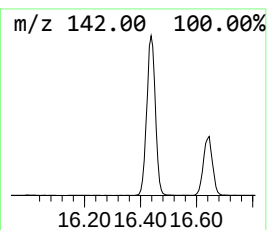
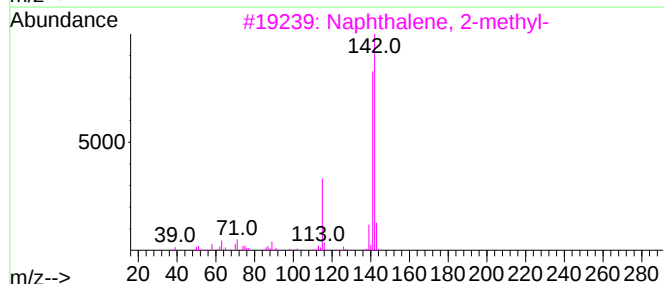
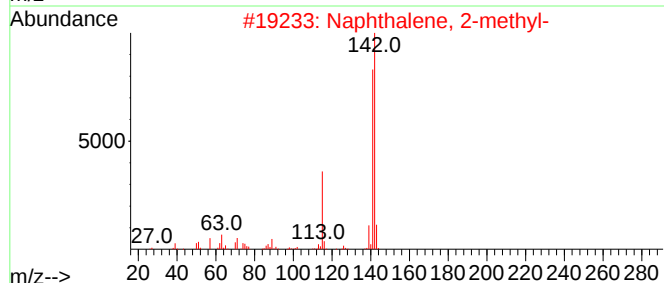
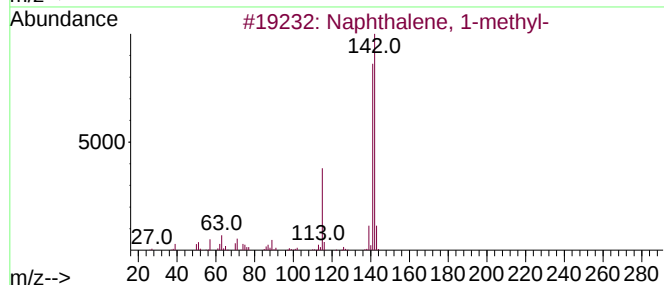
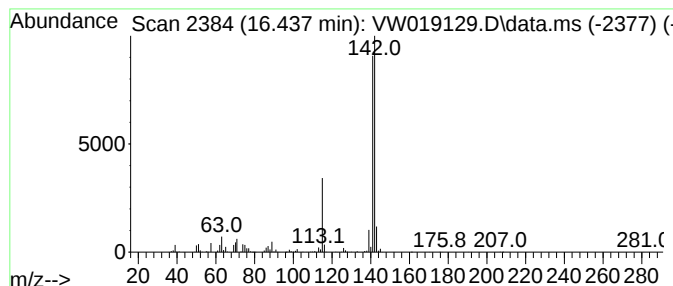
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Quant Title : SFAM01.0

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

Peak Number 32 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	11.13 ug/L	1058710	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
Data File : VW019129.D
Acq On : 04 Jun 2021 13:41
Operator : SY/VA
Sample : VIBLK124
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK124

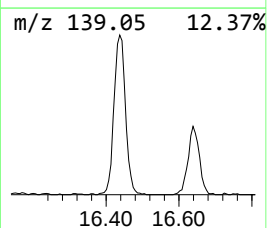
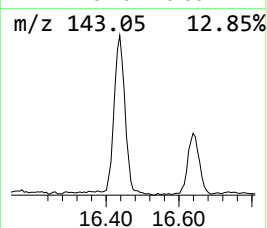
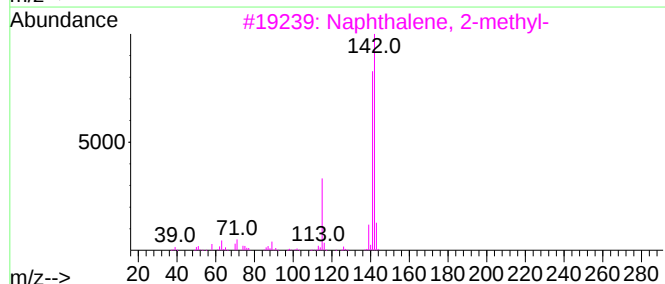
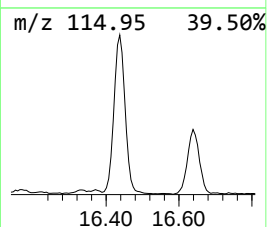
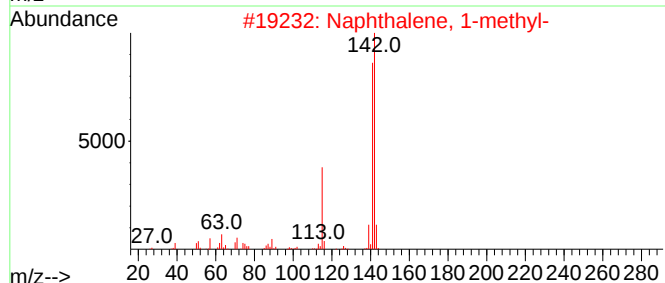
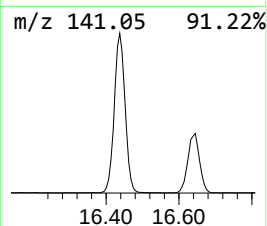
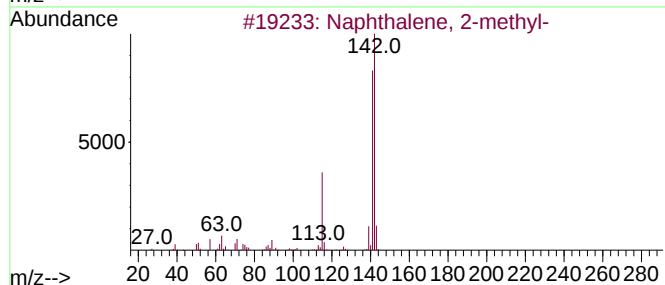
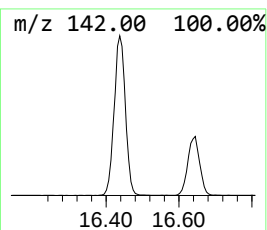
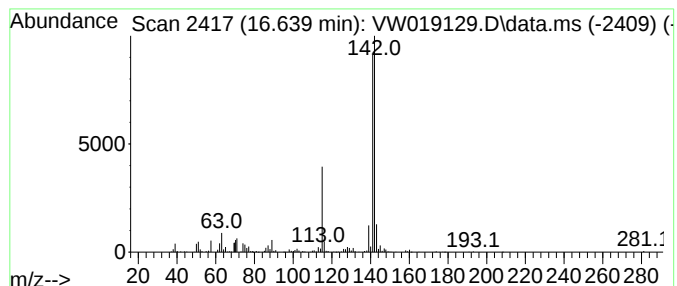
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Quant Title : SFAM01.0

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

Peak Number 33 1,4-Methanonaphthalene, 1,4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	4.84 ug/L	460433	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019129.D
 Acq On : 04 Jun 2021 13:41
 Operator : SY/VA
 Sample : VIBLK124
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK124

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.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
(DEL) Alkane: S...	9.896	1.5	ug/L	123985	1	8.841	2121990	25.0
unknown-01	11.060	1.7	ug/L	166826	2	11.634	2518610	25.0
(DEL) Alkane: S...	11.414	3.0	ug/L	302504	2	11.634	2518610	25.0
(DEL) Alkane: S...	11.512	1.6	ug/L	160498	2	11.634	2518610	25.0
(DEL) Alkane: S...	12.591	2.8	ug/L	286341	2	11.634	2518610	25.0
Benzene, propyl-	12.804	2.7	ug/L	258059	3	13.560	2377950	25.0
(DEL) Alkane: S...	12.932	2.2	ug/L	209393	3	13.560	2377950	25.0
Benzene, 1,4-di...	13.719	3.4	ug/L	319398	3	13.560	2377950	25.0
Benzene, 1,1'-(...	13.755	2.2	ug/L	208548	3	13.560	2377950	25.0
Benzene, 1-meth...	13.798	3.7	ug/L	354194	3	13.560	2377950	25.0
Benzene, 2-ethy...	14.011	2.1	ug/L	200135	3	13.560	2377950	25.0
o-Cymene	14.096	11.5	ug/L	1090590	3	13.560	2377950	25.0
Benzene, 1-ethe...	14.206	3.3	ug/L	309785	3	13.560	2377950	25.0
Benzene, 1,2,4,...	14.420	7.4	ug/L	703385	3	13.560	2377950	25.0
Benzene, 1,2,3,...	14.456	1.8	ug/L	173641	3	13.560	2377950	25.0
Benzene, 1-meth...	14.499	2.2	ug/L	207841	3	13.560	2377950	25.0
Benzene, 2-ethe...	14.688	6.0	ug/L	574001	3	13.560	2377950	25.0
Benzene, 1-ethe...	14.804	11.6	ug/L	1106400	3	13.560	2377950	25.0
Benzene, (1,1-d...	14.852	3.0	ug/L	283389	3	13.560	2377950	25.0
Benzene, (3-met...	15.060	8.1	ug/L	766250	3	13.560	2377950	25.0
Benzene, (2-met...	15.169	5.1	ug/L	482844	3	13.560	2377950	25.0
unknown-02	15.322	1.4	ug/L	129497	3	13.560	2377950	25.0
Azulene	15.365	2.5	ug/L	234420	3	13.560	2377950	25.0
Benzene, (1-eth...	15.468	2.3	ug/L	221755	3	13.560	2377950	25.0
Bicyclo[4.2.1]n...	15.523	2.8	ug/L	270093	3	13.560	2377950	25.0
1H-Indene, 2,3-...	15.651	3.6	ug/L	345968	3	13.560	2377950	25.0
1H-Indene, 2,3-...	15.822	3.4	ug/L	325157	3	13.560	2377950	25.0
3,4-Dimethylcumene	15.944	1.4	ug/L	131421	3	13.560	2377950	25.0
1H-Indene, 2,3-...	16.023	2.8	ug/L	261336	3	13.560	2377950	25.0
Naphthalene, 1-...	16.438	11.1	ug/L	1058710	3	13.560	2377950	25.0
1,4-Methanonaph...	16.639	4.8	ug/L	460433	3	13.560	2377950	25.0