

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021328.D
 Acq On : 11 Dec 2021 15:41
 Operator : SY/VA
 Sample : M5062-05
 Misc : 6.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL04

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	68	73	80	rVB	38195	60182	0.16%	0.085%
2	2.879	154	160	170	rVB	24740	50354	0.14%	0.072%
3	3.312	228	231	232	rBV2	222	189	0.00%	0.000%
4	3.440	245	252	261	rVB	10285	23284	0.06%	0.033%
5	3.709	294	296	298	rBV2	185	220	0.00%	0.000%
6	3.922	330	331	334	rBV2	234	280	0.00%	0.000%
7	4.038	335	350	375	rVV	335890	1105848	2.98%	1.571%
8	4.263	386	387	391	rBV2	202	278	0.00%	0.000%
9	4.379	404	406	408	rBV	208	204	0.00%	0.000%
10	4.562	432	436	438	rBV2	220	334	0.00%	0.000%
11	4.629	445	447	450	rBV	250	279	0.00%	0.000%
12	4.824	477	479	482	rBV2	201	226	0.00%	0.000%
13	4.910	484	493	505	rVV3	6116	19843	0.05%	0.028%
14	5.074	517	520	521	rBV	357	235	0.00%	0.000%
15	5.330	561	562	565	rBV	240	206	0.00%	0.000%
16	5.720	623	626	628	rBV	216	256	0.00%	0.000%
17	5.775	631	635	637	rBV2	262	314	0.00%	0.000%
18	5.934	656	661	669	rVB3	857	2134	0.01%	0.003%
19	6.214	693	707	723	rBV	238411	721774	1.95%	1.025%
20	6.336	726	727	732	rVB3	229	248	0.00%	0.000%
21	6.428	739	742	744	rVB	287	304	0.00%	0.000%
22	6.482	744	751	753	rBV4	682	1501	0.00%	0.002%
23	6.946	824	827	830	rBV	215	296	0.00%	0.000%
24	7.074	838	848	856	rBV	9181	24456	0.07%	0.035%
25	7.263	873	879	885	rVB3	867	1806	0.00%	0.003%
26	7.373	892	897	902	rBV2	405	900	0.00%	0.001%
27	7.543	921	925	926	rBV2	205	284	0.00%	0.000%
28	7.647	933	942	952	rVB	62641	150523	0.41%	0.214%
29	7.872	966	979	1003	rBV	10275326	24941501	67.23%	35.424%
30	8.275	1036	1045	1059	rBV2	110482	327792	0.88%	0.466%
31	8.842	1129	1138	1146	rBV	106737	206476	0.56%	0.293%
32	9.092	1170	1179	1196	rVB	1631127	3055588	8.24%	4.340%
33	9.275	1201	1209	1218	rBV	76579	153529	0.41%	0.218%
34	9.439	1231	1236	1240	rBV2	1216	1709	0.00%	0.002%
35	9.494	1243	1245	1249	rVB2	219	201	0.00%	0.000%
36	9.555	1253	1255	1258	rBV2	223	251	0.00%	0.000%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	9.598	1258	1262	1265	rVB4	276	303	0.00%	0.000%
38	9.628	1265	1267	1270	rVB2	238	217	0.00%	0.000%
39	9.665	1270	1273	1274	rBV2	238	237	0.00%	0.000%
40	9.726	1277	1283	1292	rBV	6072	11199	0.03%	0.016%
41	9.829	1298	1300	1304	rBV	197	294	0.00%	0.000%
42	9.896	1306	1311	1317	rVB5	1238	2437	0.01%	0.003%
43	10.031	1326	1333	1341	rBV	44968	81767	0.22%	0.116%
44	10.250	1364	1369	1373	rVB2	659	1001	0.00%	0.001%
45	10.323	1373	1381	1386	rBV	171849	295411	0.80%	0.420%
46	10.384	1386	1391	1400	rVB	480086	842234	2.27%	1.196%
47	10.500	1406	1410	1414	rVB4	722	1161	0.00%	0.002%
48	10.579	1416	1423	1432	rVB	29303	51206	0.14%	0.073%
49	10.701	1440	1443	1449	rVB2	741	1572	0.00%	0.002%
50	10.793	1449	1458	1461	rBV	17403	29366	0.08%	0.042%
51	10.866	1461	1470	1478	rBV2	17241311	37098500	100.00%	52.690%
52	11.152	1516	1517	1520	rVB2	292	283	0.00%	0.000%
53	11.238	1528	1531	1532	rBV2	327	279	0.00%	0.000%
54	11.286	1532	1539	1547	rVB	29315	50037	0.13%	0.071%
55	11.500	1573	1574	1577	rBV2	257	269	0.00%	0.000%
56	11.628	1585	1595	1603	rBV	158103	264319	0.71%	0.375%
57	11.731	1607	1612	1617	rVB	4236	6358	0.02%	0.009%
58	11.835	1622	1629	1639	rVV	20982	38171	0.10%	0.054%
59	12.158	1675	1682	1689	rVV2	13870	24432	0.07%	0.035%
60	12.237	1691	1695	1700	rVB3	463	705	0.00%	0.001%
61	12.463	1728	1732	1735	rBV2	484	563	0.00%	0.001%
62	12.524	1737	1742	1746	rVB2	3646	5249	0.01%	0.007%
63	12.603	1748	1755	1761	rBV3	2835	5532	0.01%	0.008%
64	12.689	1761	1769	1777	rBV	66671	114834	0.31%	0.163%
65	12.756	1777	1780	1784	rVB3	1263	1686	0.00%	0.002%
66	12.804	1784	1788	1794	rVB4	1708	2894	0.01%	0.004%
67	12.865	1794	1798	1800	rBV2	3371	5278	0.01%	0.007%
68	12.939	1807	1810	1818	rVB2	2575	4035	0.01%	0.006%
69	13.054	1826	1829	1832	rBV2	275	413	0.00%	0.001%
70	13.103	1833	1837	1840	rVB	1623	2215	0.01%	0.003%
71	13.182	1848	1850	1853	rBV3	537	677	0.00%	0.001%
72	13.249	1856	1861	1870	rVV	8507	13713	0.04%	0.019%
73	13.347	1870	1877	1883	rVV2	14376	30868	0.08%	0.044%
74	13.554	1904	1911	1923	rVV	180155	289325	0.78%	0.411%
75	13.646	1923	1926	1930	rVB3	2812	3925	0.01%	0.006%
76	13.756	1939	1944	1949	rBV5	5394	7983	0.02%	0.011%

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 Title : SFAM01.0

77	13.853	1953	1960	1969	rVB	151782	251282	0.68%	0.357%
78	13.932	1971	1973	1975	rBV	256	224	0.00%	0.000%
79	14.140	2005	2007	2009	rBV2	200	202	0.00%	0.000%
80	14.207	2014	2018	2021	rBV3	422	520	0.00%	0.001%
81	14.402	2049	2050	2053	rBV2	242	249	0.00%	0.000%
82	14.457	2055	2059	2063	rBV2	202	350	0.00%	0.000%
83	14.511	2065	2068	2071	rVB2	256	315	0.00%	0.000%
84	14.609	2083	2084	2088	rBV2	245	339	0.00%	0.000%
85	14.786	2109	2113	2116	rBV2	430	532	0.00%	0.001%
86	14.981	2141	2145	2146	rVB	287	347	0.00%	0.000%
87	15.005	2146	2149	2151	rBV2	279	408	0.00%	0.001%
88	15.091	2160	2163	2164	rBV2	238	199	0.00%	0.000%
89	15.182	2175	2178	2181	rBV2	248	305	0.00%	0.000%
90	15.359	2202	2207	2214	rBV	3669	5853	0.02%	0.008%
91	15.487	2225	2228	2229	rBV	241	215	0.00%	0.000%
92	15.597	2244	2246	2247	rBV	194	193	0.00%	0.000%
93	15.670	2256	2258	2259	rBV	281	222	0.00%	0.000%
94	15.731	2265	2268	2269	rBV2	289	296	0.00%	0.000%
95	15.743	2269	2270	2272	rBV	251	196	0.00%	0.000%
96	15.810	2279	2281	2283	rVB	301	241	0.00%	0.000%
97	15.865	2288	2290	2293	rBV3	204	242	0.00%	0.000%
98	15.975	2306	2308	2311	rBV	261	365	0.00%	0.001%
99	16.426	2379	2382	2384	rBV3	569	680	0.00%	0.001%
100	16.633	2411	2416	2421	rBV2	288	668	0.00%	0.001%

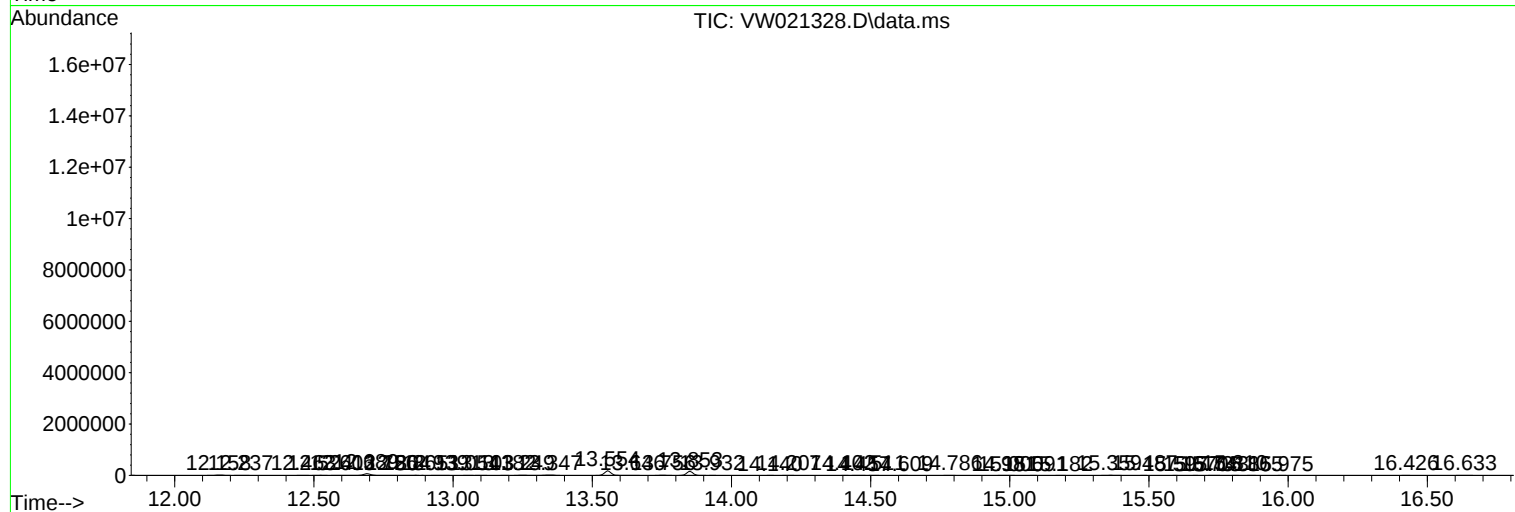
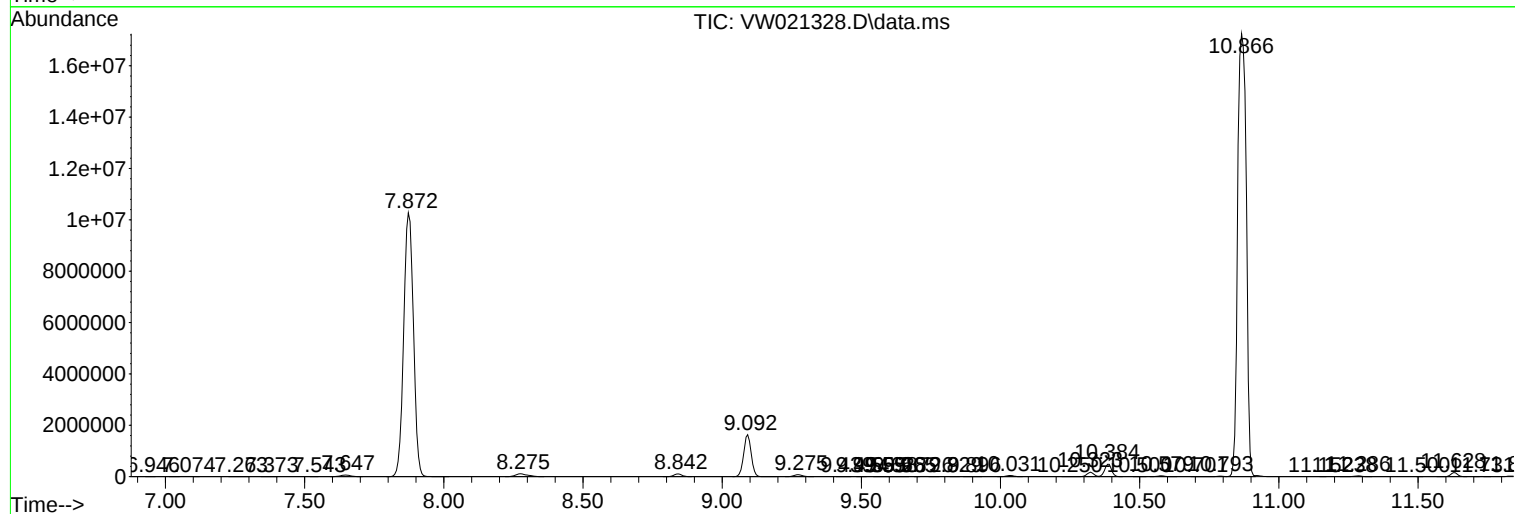
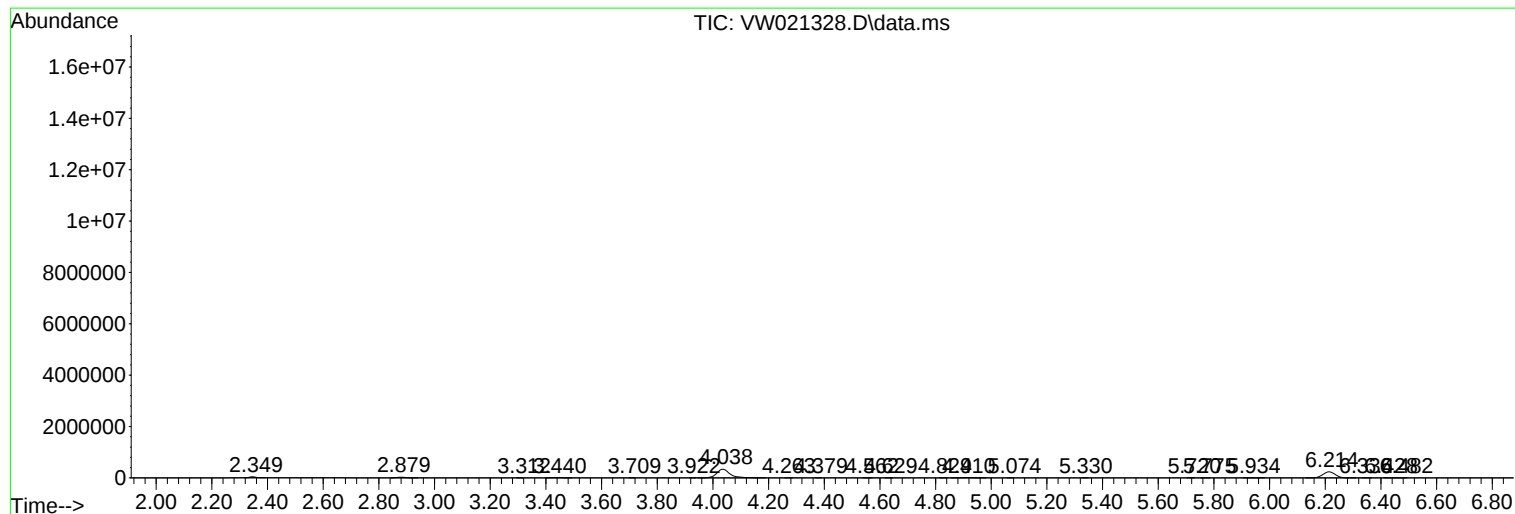
Sum of corrected areas: 70409196

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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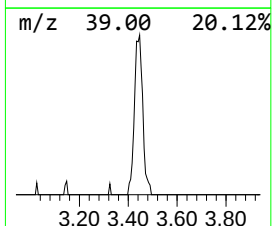
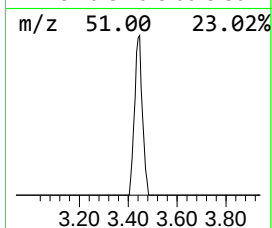
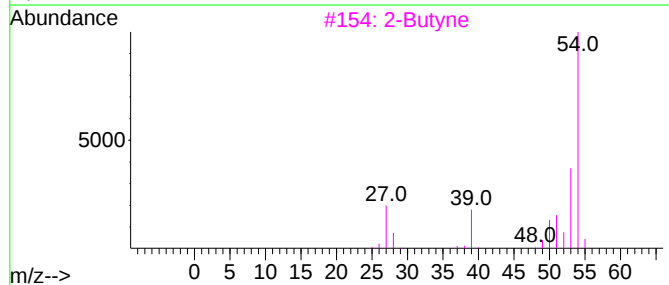
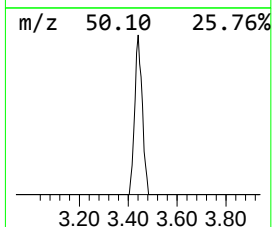
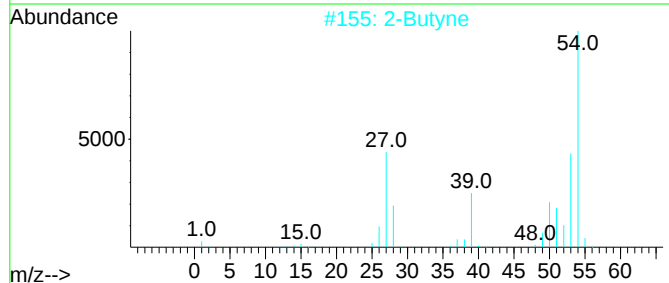
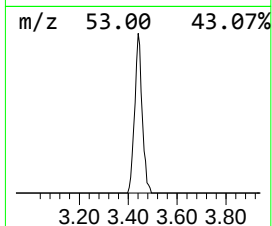
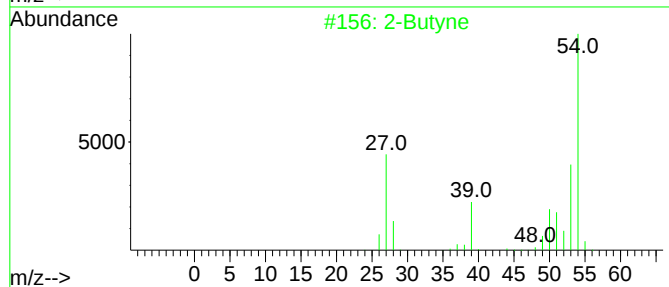
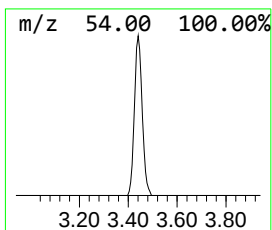
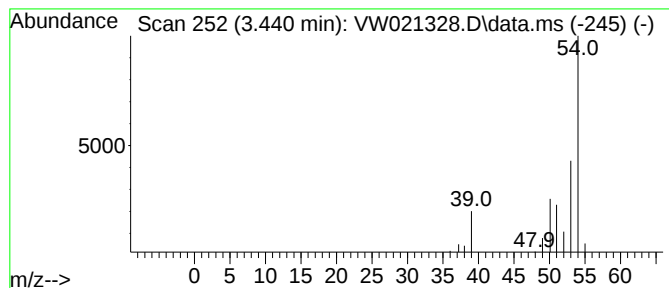
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 2-Butyne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.440	2.82 ug/L	23284	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne			54	C4H6	000503-17-3	86
2	2-Butyne			54	C4H6	000503-17-3	86
3	2-Butyne			54	C4H6	000503-17-3	86
4	1,2-Butadiene			54	C4H6	000590-19-2	78
5	1,2-Butadiene			54	C4H6	000590-19-2	78



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ClientSampleId :
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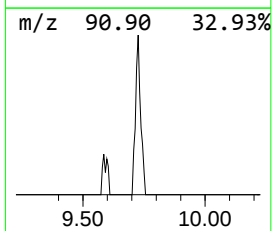
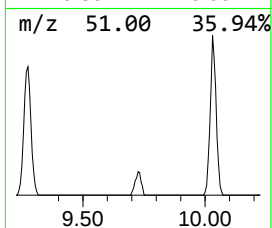
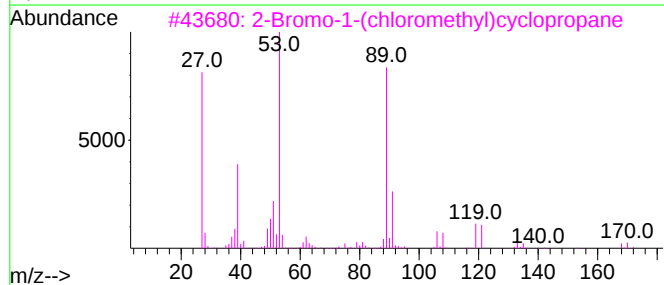
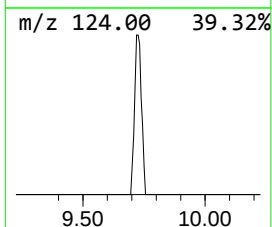
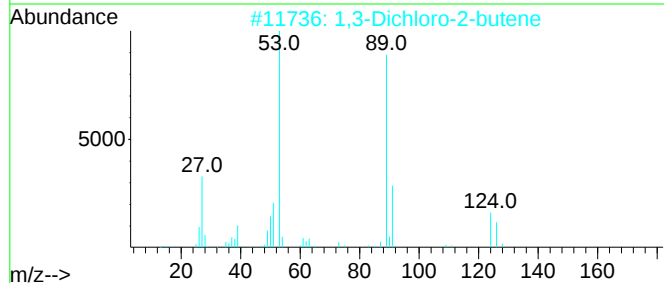
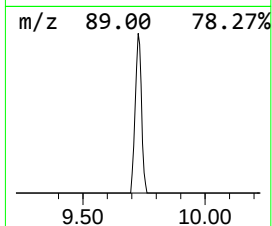
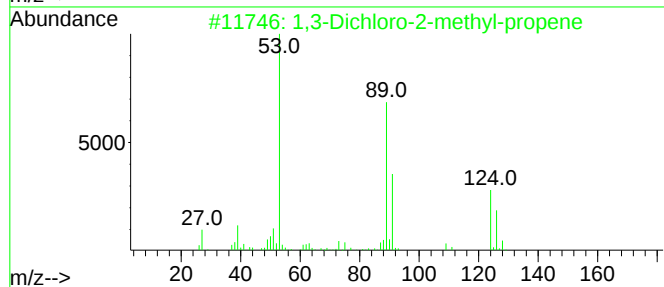
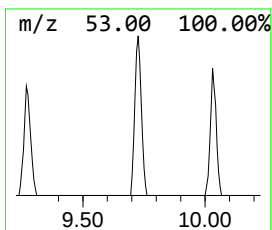
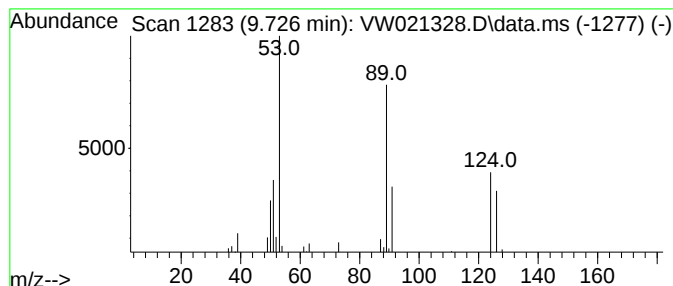
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 1,3-Dichloro-2-methyl-propene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.726	1.36 ug/L	11199	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	87
2			1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3			2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	56
4			1-Propene, 3-chloro-2-(chloromet...	124	C4H6Cl2	001871-57-4	40
5			2,6-Dimethylpyridazin-3-one	124	C6H8N2O	1000387-69-1	25



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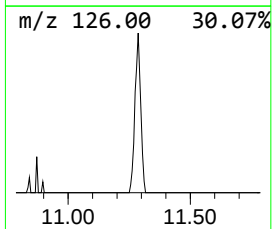
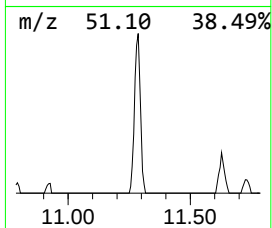
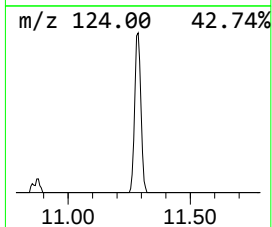
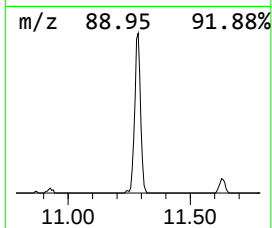
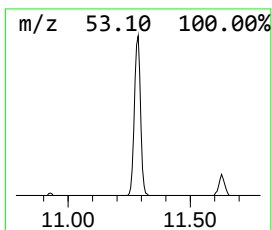
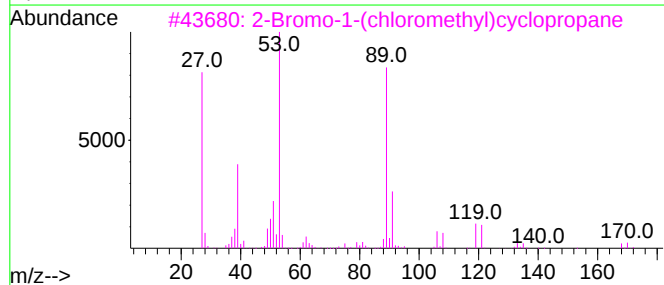
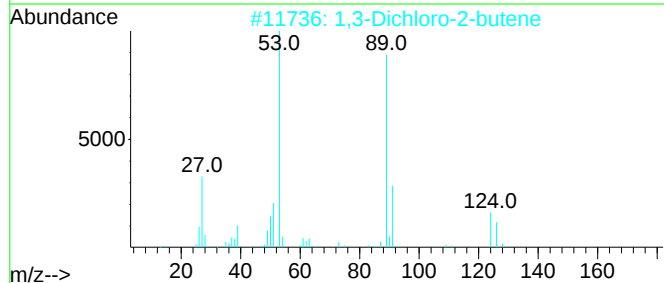
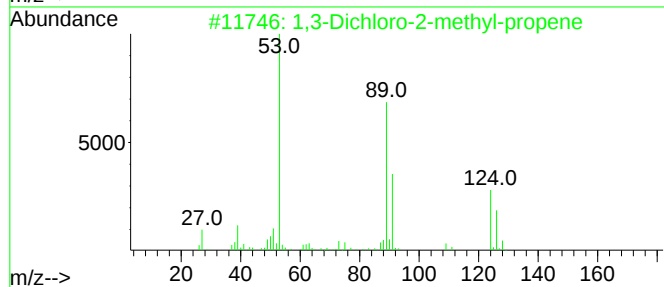
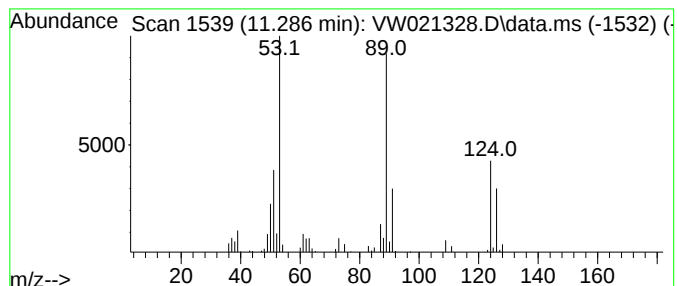
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Quant Title : SFAM01.0

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

Peak Number 5 2-Bromo-1-(chloromethyl)cyc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.286	4.73 ug/L	50037	Chlorobenzene-d5	11.628	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	90
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	56
4	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	56
5	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
Data File : VW021328.D
Acq On : 11 Dec 2021 15:41
Operator : SY/VA
Sample : M5062-05
Misc : 6.80g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL04

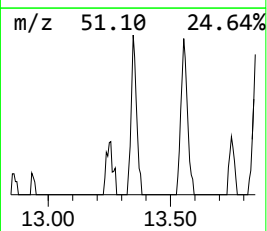
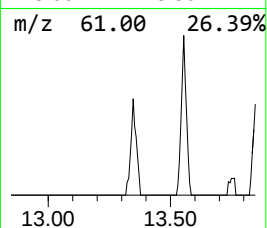
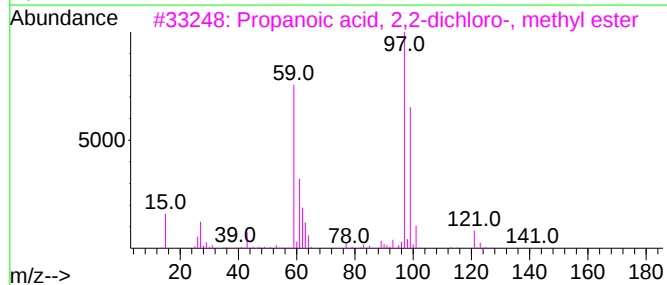
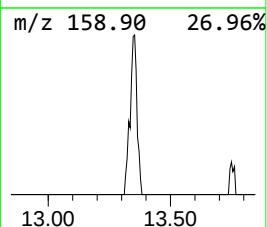
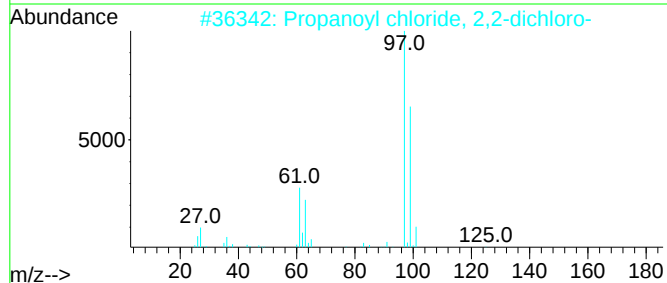
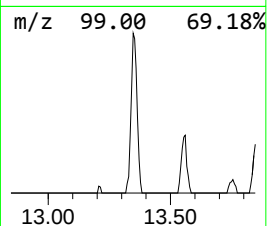
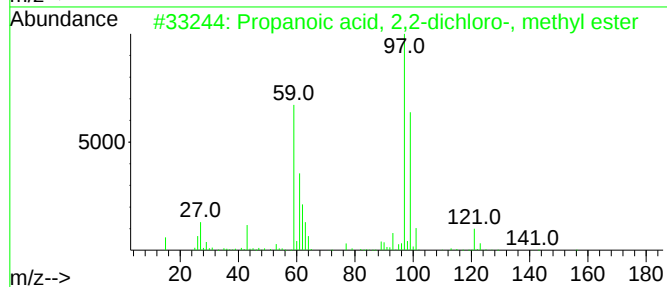
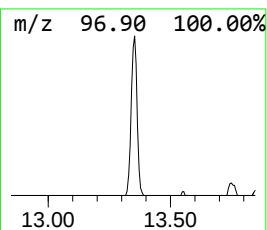
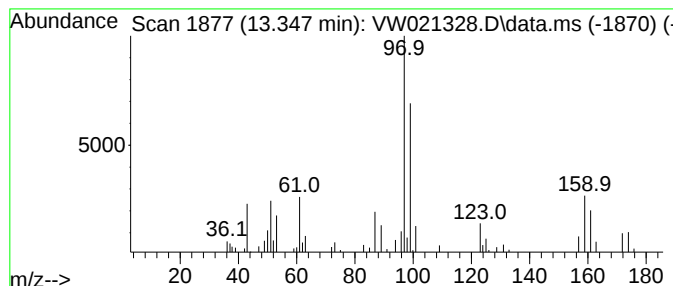
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	2.67 ug/L	30868	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	43
2			Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	38
3			Propanoic acid, 2,2-dichloro-, m...	156	C4H6Cl2O2	017640-02-7	38
4			Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	38
5			2,2-Dichloroethanol, chlorodiflu...	226	C4H3Cl3F2O2	1000376-21-1	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
Data File : VW021328.D
Acq On : 11 Dec 2021 15:41
Operator : SY/VA
Sample : M5062-05
Misc : 6.80g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL04

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butyne	3.440	2.8	ug/L	23284	1	8.842	206476	25.0
1,3-Dichloro-2-...	9.726	1.4	ug/L	11199	1	8.842	206476	25.0
2-Bromo-1-(chlo...	11.286	4.7	ug/L	50037	2	11.628	264319	25.0
unknown-01	13.347	2.7	ug/L	30868	3	13.554	289325	25.0