

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021913.D
 Acq On : 14 Jan 2022 15:15
 Operator : SY/VA
 Sample : N1115-11
 Misc : 6.31g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLS1

Quant Time: Jan 17 00:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 00:44:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

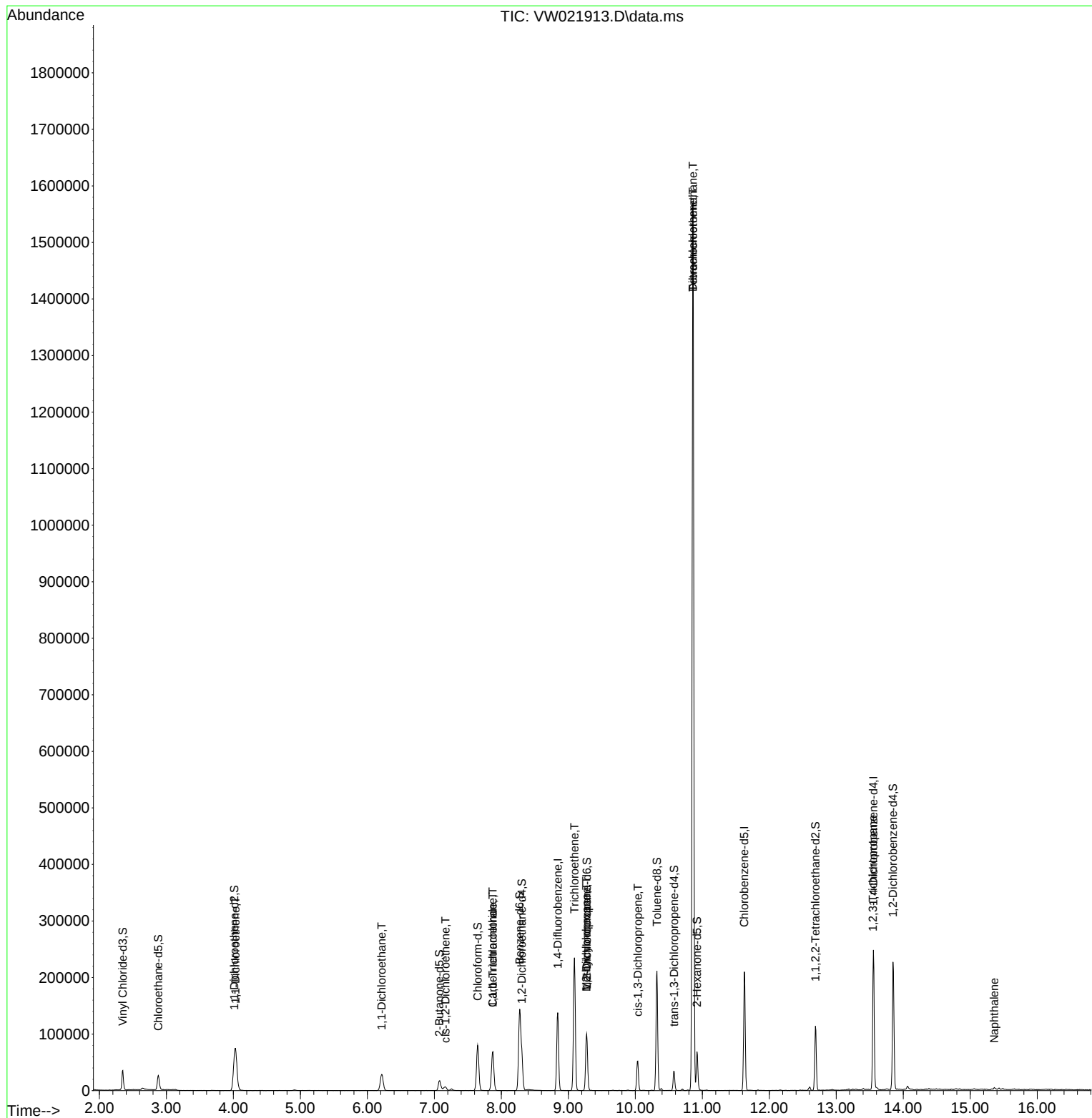
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127240	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	124060	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32730	13.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.360%
7) Chloroethane-d5	2.879	69	28091	13.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.600%
11) 1,1-Dichloroethene-d2	4.013	63	53040	14.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.840%
21) 2-Butanone-d5	7.074	46	28460	85.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.520%#
24) Chloroform-d	7.647	84	81688	19.872	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.480%
26) 1,2-Dichloroethane-d4	8.305	65	47921	24.141	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.560%
32) Benzene-d6	8.275	84	153879	19.116	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.480%
36) 1,2-Dichloropropane-d6	9.275	67	45900	21.633	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	10.323	98	144951	17.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.440%
43) trans-1,3-Dichloroprop...	10.579	79	19434	21.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.280%
47) 2-Hexanone-d5	10.921	63	23496	81.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.220%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	52305	31.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.120%#
66) 1,2-Dichlorobenzene-d4	13.847	152	59993	21.242	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.960%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.032	96	29886	15.736	ug/L	78
19) 1,1-Dichloroethane	6.214	63	40018	13.296	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	3254	1.541	ug/L	67
30) 1,1,1-Trichloroethane	7.872	97	56093	17.444	ug/L	# 92
31) Carbon tetrachloride	7.872	117	7525	2.415	ug/L	96
34) Trichloroethene	9.092	95	78238	35.450	ug/L	86
35) Methylcyclohexane	9.268	83	12535	3.454	ug/L	# 15
37) 1,2-Dichloropropane	9.268	63	5434	3.279	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1627	0.632	ug/L	86
46) Tetrachloroethene	10.860	164	361238	165.521	ug/L	89
49) Dibromochloromethane	10.860	129	298633	168.442	ug/L	# 10
61) 1,2,3-Trichloropropane	13.548	75	6655	6.780	ug/L	# 67
71) Naphthalene	15.359	128	3221	0.750	ug/L	# 92

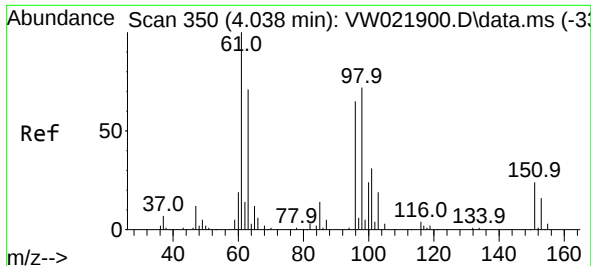
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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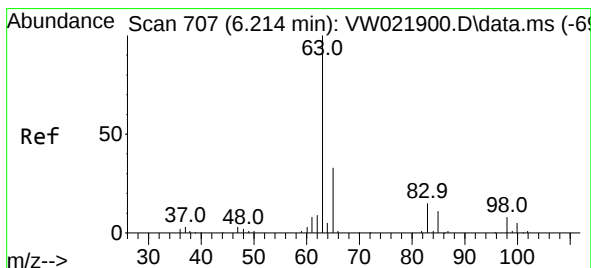
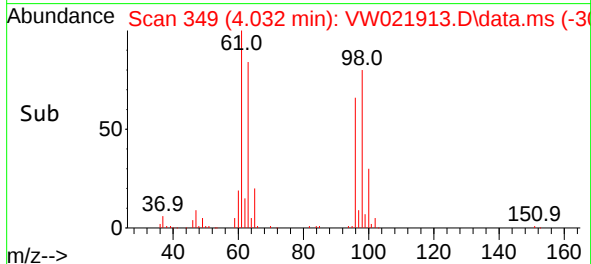
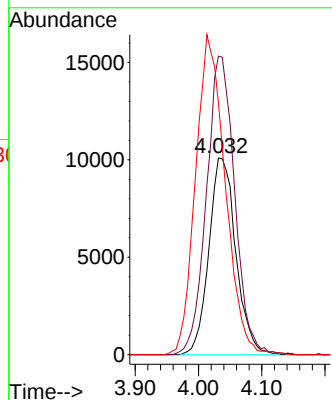
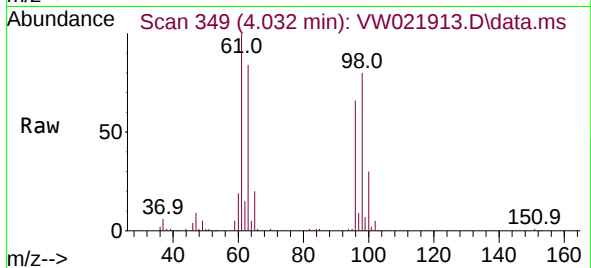




#12
1,1-Dichloroethene
Concen: 15.736 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

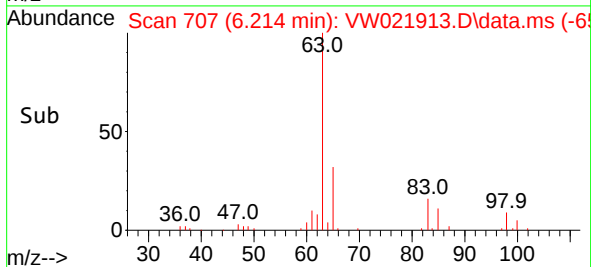
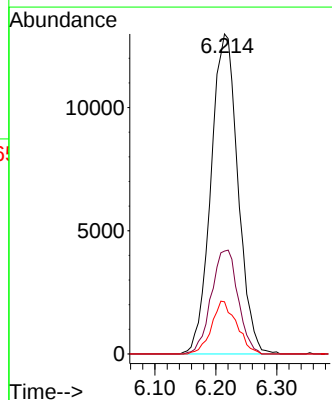
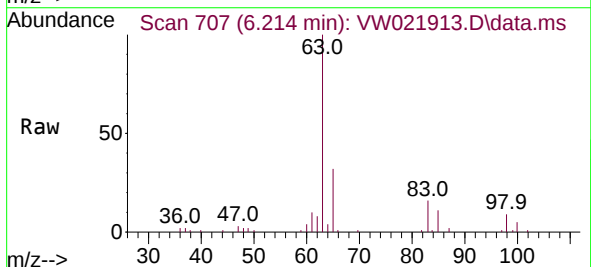
Instrument :
MSVOA_W
ClientSampleId :
BGLS1

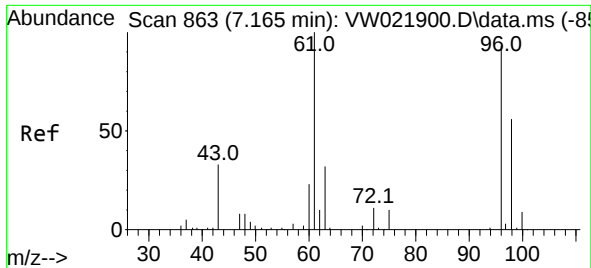
Tgt Ion: 96 Resp: 29886
Ion Ratio Lower Upper
96 100
61 151.8 138.3 256.9
63 128.0 82.6 153.4



#19
1,1-Dichloroethane
Concen: 13.296 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

Tgt Ion: 63 Resp: 40018
Ion Ratio Lower Upper
63 100
65 32.2 22.1 41.1
83 16.3 9.2 17.2

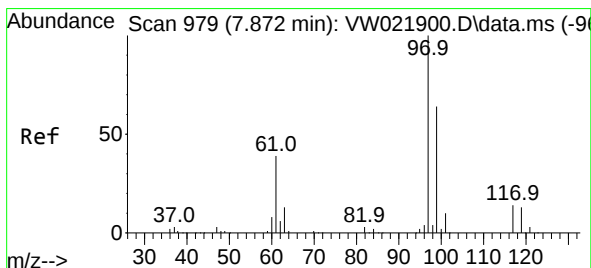
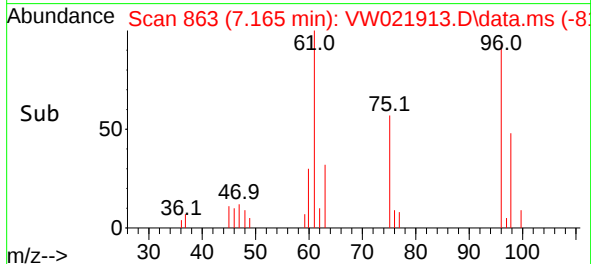
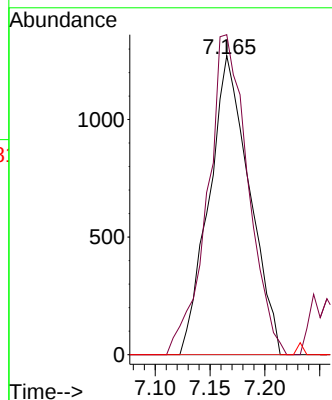
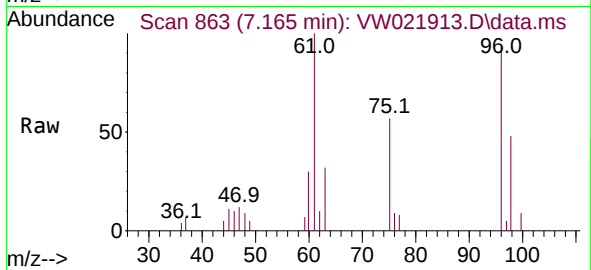




#20
 cis-1,2-Dichloroethene
 Concen: 1.541 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW021913.D
 Acq: 14 Jan 2022 15:15

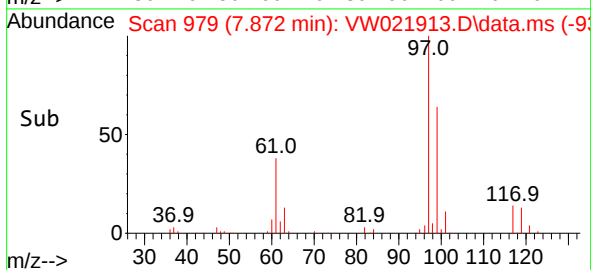
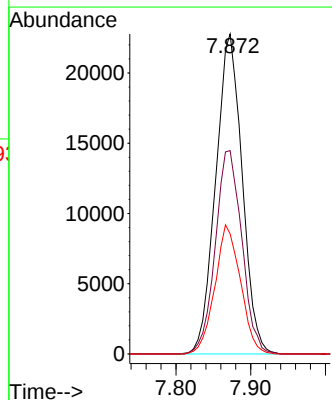
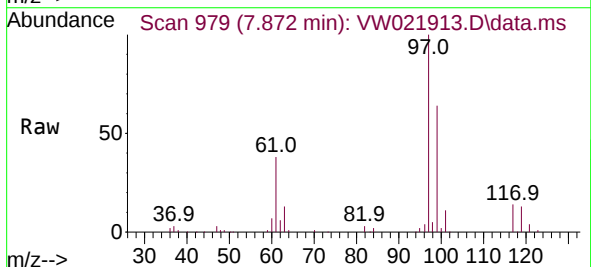
Instrument :
 MSVOA_W
 ClientSampleId :
 BGLS1

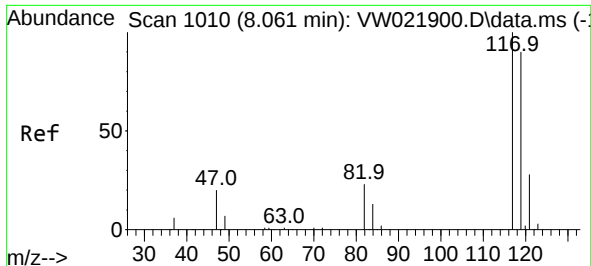
Tgt Ion: 96 Resp: 3254
 Ion Ratio Lower Upper
 96 100
 61 107.0 103.7 192.7
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 17.444 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. 0.000 min
 Lab File: VW021913.D
 Acq: 14 Jan 2022 15:15

Tgt Ion: 97 Resp: 56093
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.6 77.4
 61 39.0 40.9 61.3#

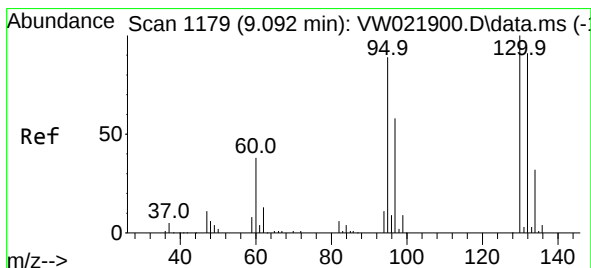
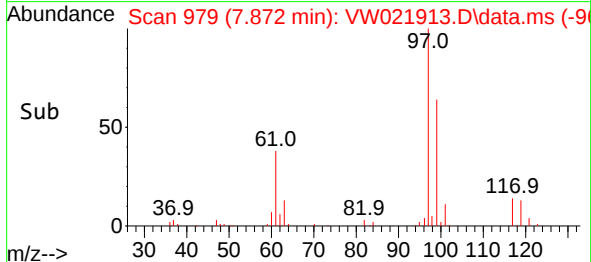
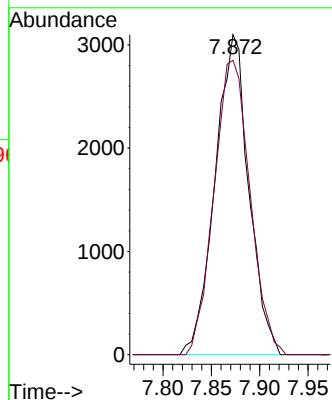
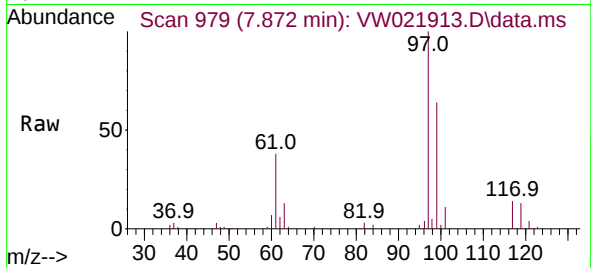




#31
Carbon tetrachloride
Concen: 2.415 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.189 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

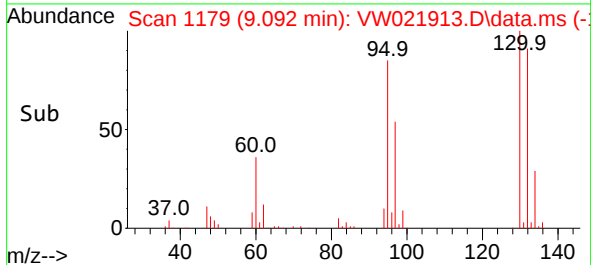
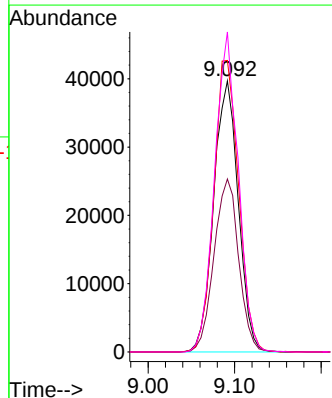
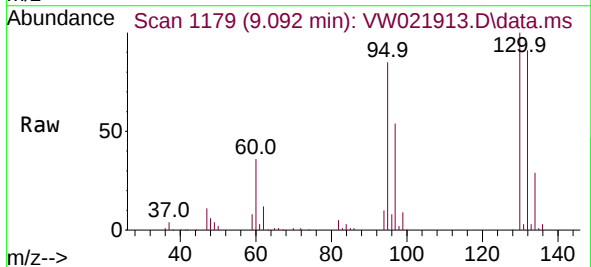
Instrument :
MSVOA_W
ClientSampleId :
BGLS1

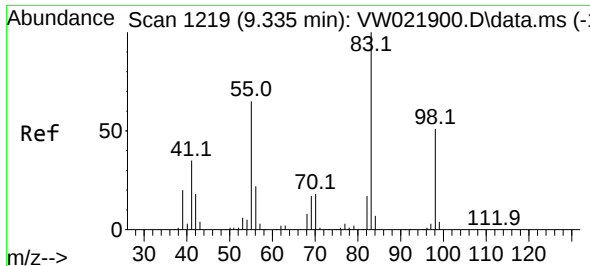
Tgt Ion:117 Resp: 7525
Ion Ratio Lower Upper
117 100
119 98.0 75.7 113.5



#34
Trichloroethene
Concen: 35.450 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

Tgt Ion: 95 Resp: 78238
Ion Ratio Lower Upper
95 100
97 63.8 47.0 87.2
132 107.5 65.5 121.6
130 118.0 69.4 128.8

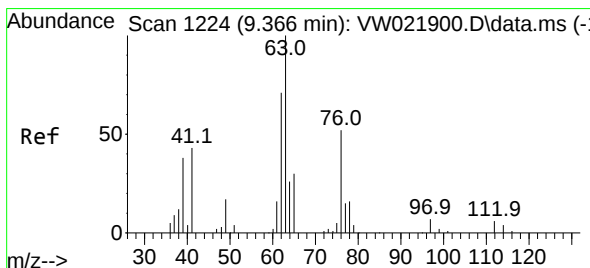
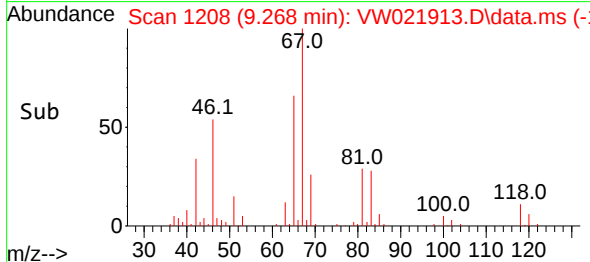
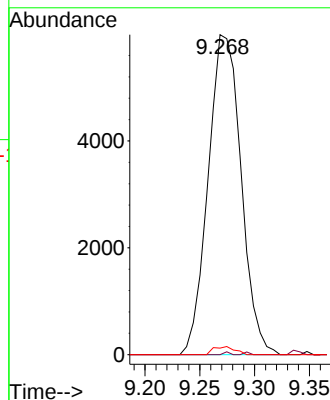
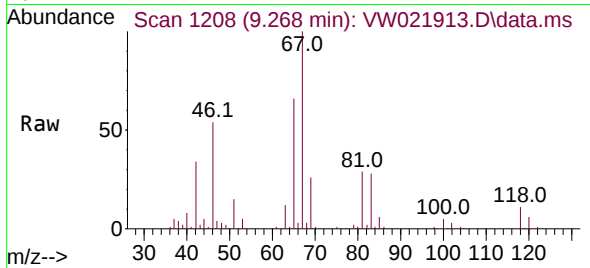




#35
Methylcyclohexane
Concen: 3.454 ug/L
RT: 9.268 min Scan# 11
Delta R.T. -0.067 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

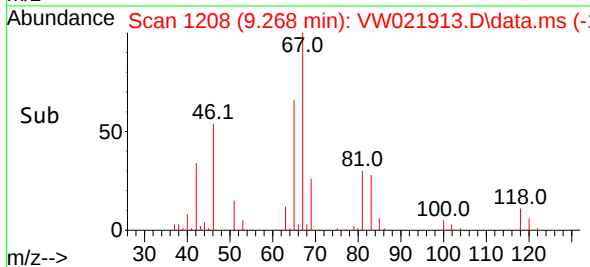
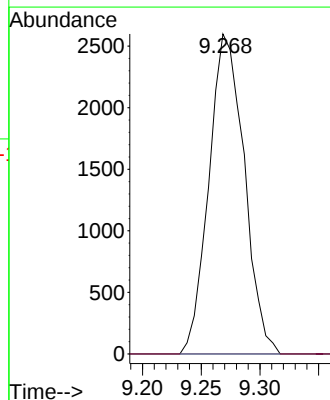
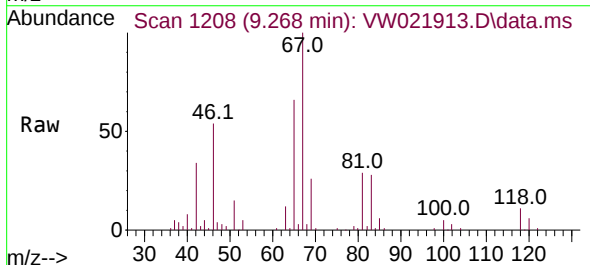
Instrument :
MSVOA_W
ClientSampleId :
BGLS1

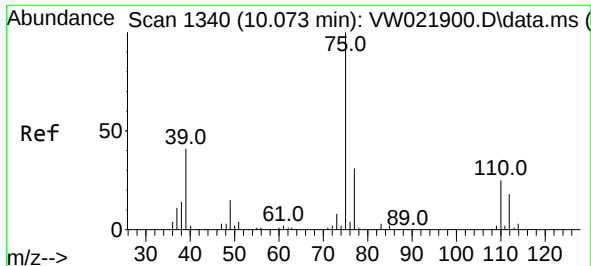
Tgt Ion: 83 Resp: 12535
Ion Ratio Lower Upper
83 100
55 0.4 70.8 106.2#
98 1.6 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.279 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

Tgt Ion: 63 Resp: 5434
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.632 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021913.D

Acq: 14 Jan 2022 15:15

Instrument :

MSVOA_W

ClientSampleId :

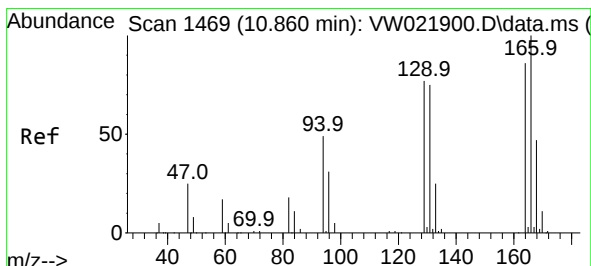
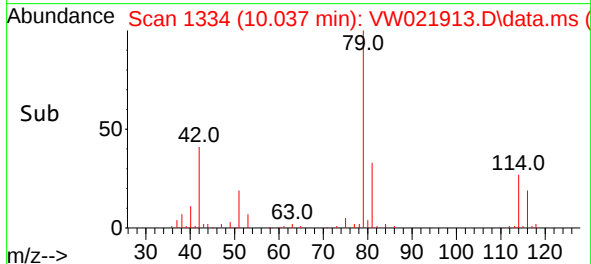
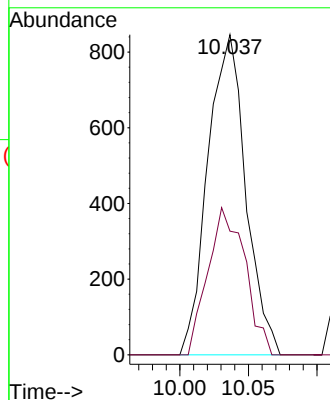
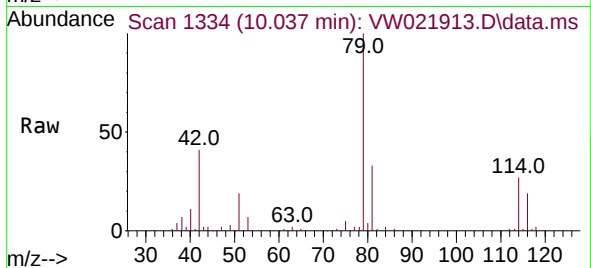
BGLS1

Tgt Ion: 75 Resp: 1627

Ion Ratio Lower Upper

75 100

77 38.7 21.8 40.6



#46

Tetrachloroethene

Concen: 165.521 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021913.D

Acq: 14 Jan 2022 15:15

Tgt Ion:164 Resp: 361238

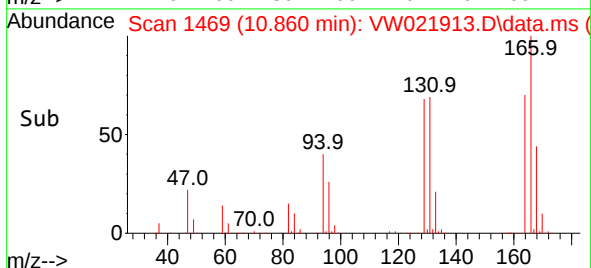
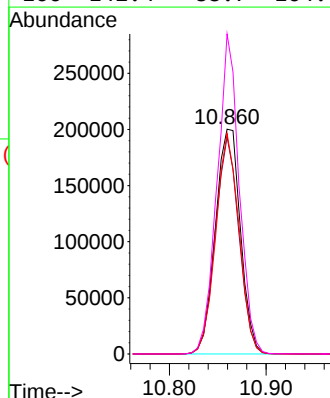
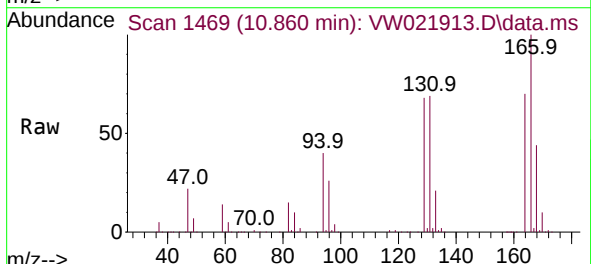
Ion Ratio Lower Upper

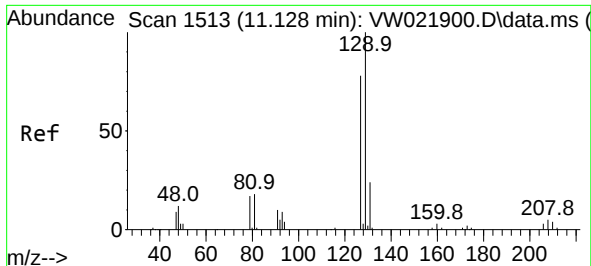
164 100

129 96.5 65.5 121.7

131 98.1 59.7 110.9

166 142.4 88.7 164.7





#49

Dibromochloromethane

Concen: 168.442 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW021913.D

Acq: 14 Jan 2022 15:15

Instrument :

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ClientSampleId :

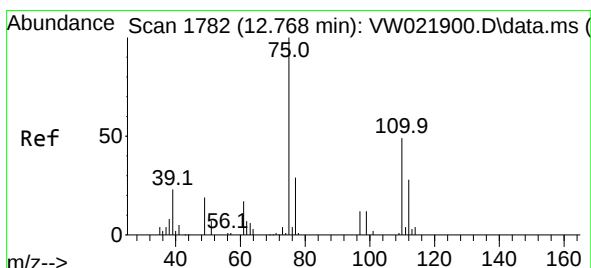
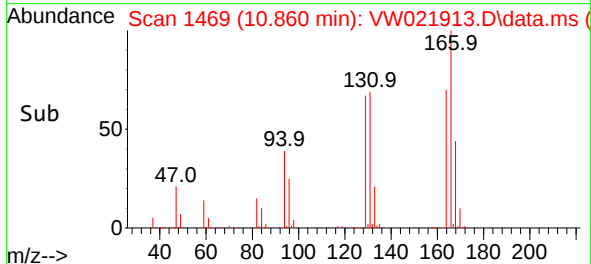
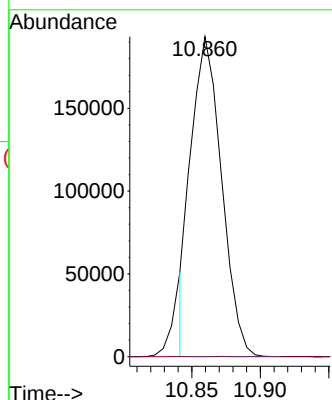
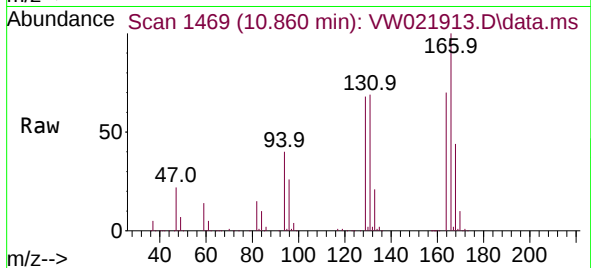
BGLS1

Tgt Ion:129 Resp: 298633

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 6.780 ug/L

RT: 13.548 min Scan# 1910

Delta R.T. 0.780 min

Lab File: VW021913.D

Acq: 14 Jan 2022 15:15

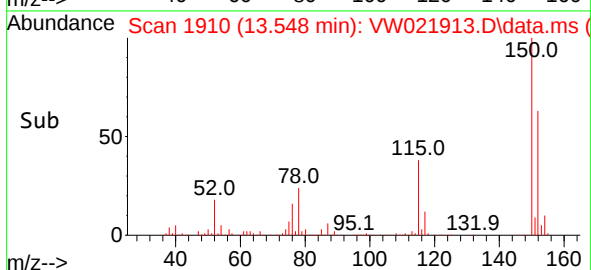
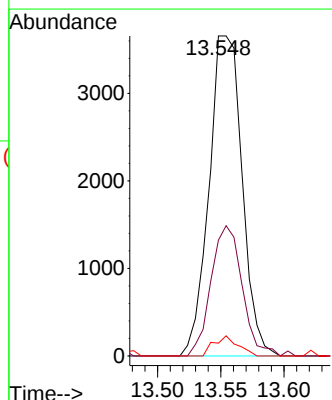
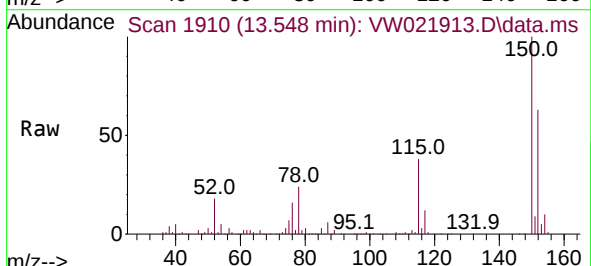
Tgt Ion: 75 Resp: 6655

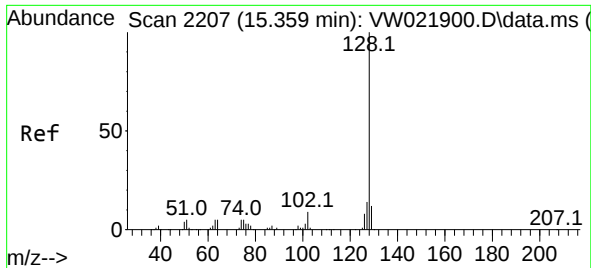
Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.8

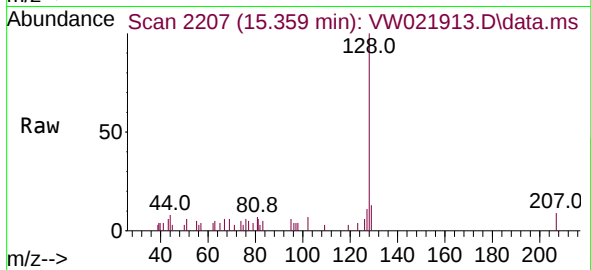
110 4.5 29.0 43.4#





#71
Naphthalene
Concen: 0.750 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021913.D
Acq: 14 Jan 2022 15:15

Instrument :
MSVOA_W
ClientSampleId :
BGLS1



Tgt Ion:128 Resp: 3221
Ion Ratio Lower Upper
128 100
127 10.7 10.7 16.1#
129 14.3 8.6 12.8#

