

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034193.D
 Acq On : 20 Feb 2023 17:20
 Operator : JC/MD
 Sample : 01613-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-878-880

Quant Time: Feb 21 01:10:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

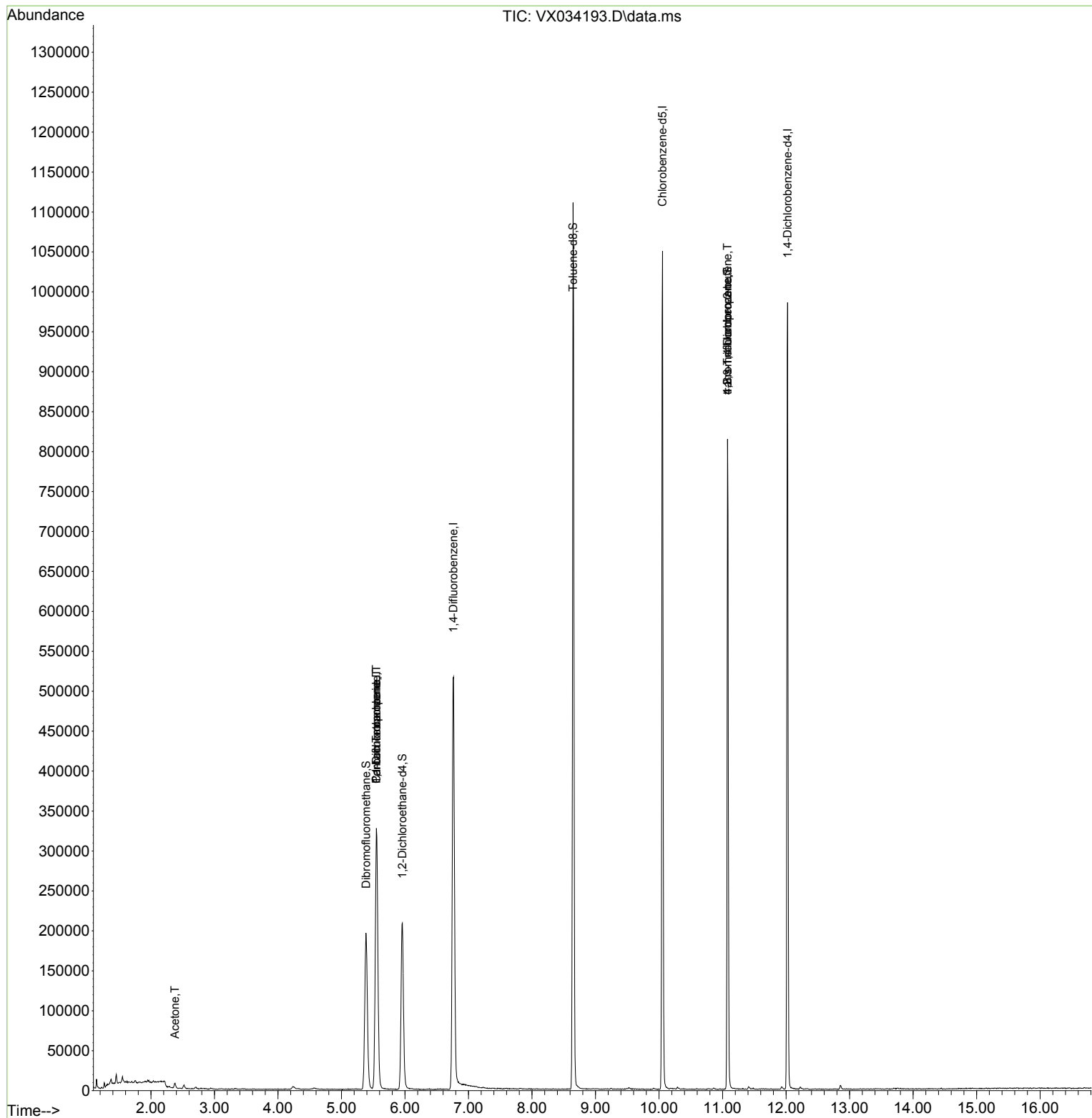
Internal Standards						
1) Pentafluorobenzene	5.550	168	329683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	546758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189864	42.762	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.520%	
35) Dibromofluoromethane	5.385	113	171847	48.273	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.540%	
50) Toluene-d8	8.647	98	645278	50.486	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.980%	
62) 4-Bromofluorobenzene	11.079	95	217924	44.575	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	221	Below Cal	#	3
16) Acetone	2.380	43	6754	2.949	ug/l #	81
36) 1,1-Dichloropropene	5.550	75	24045	4.567	ug/l #	48
38) Carbon Tetrachloride	5.550	117	31246	5.768	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	107687	20.290	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	107687	52.123	ug/l #	8

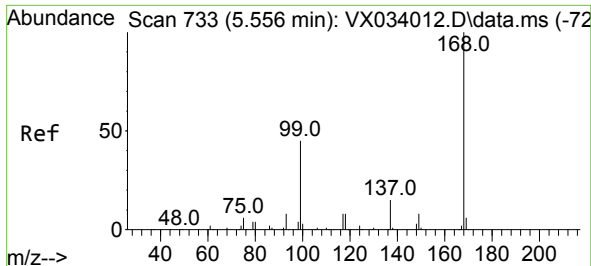
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW10-GW-878-880

Quant Time: Feb 21 01:10:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034193.D

Acq: 20 Feb 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

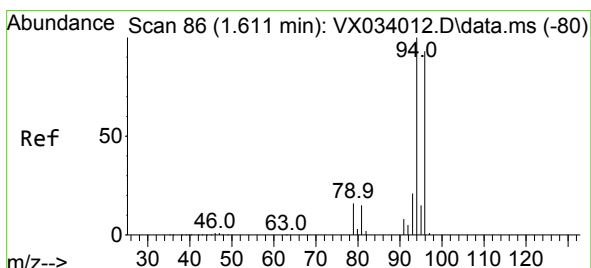
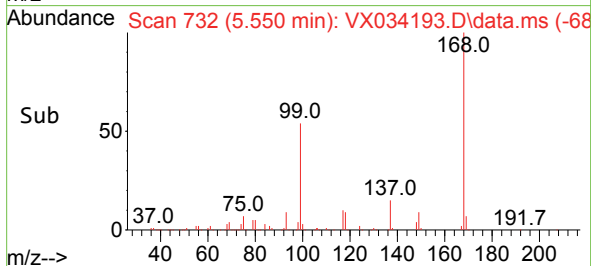
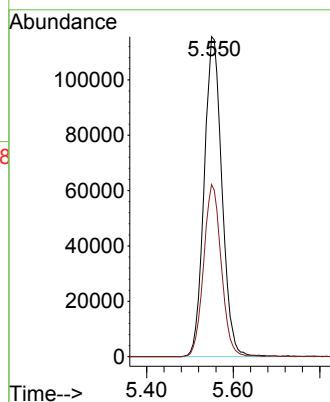
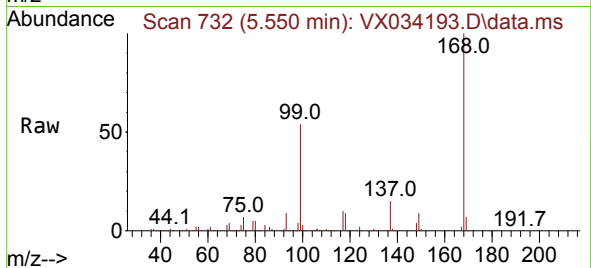
BP-VPB-RW10-GW-878-880

Tgt Ion:168 Resp: 329683

Ion Ratio Lower Upper

168 100

99 53.8 39.6 59.4



#5

Bromomethane

Concen: Below Cal

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX034193.D

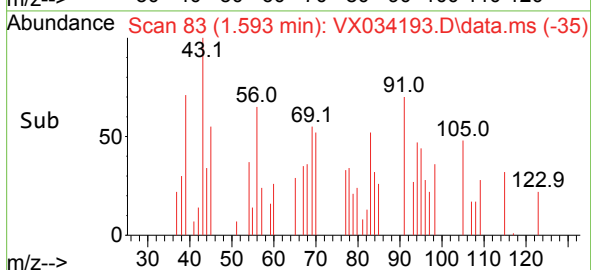
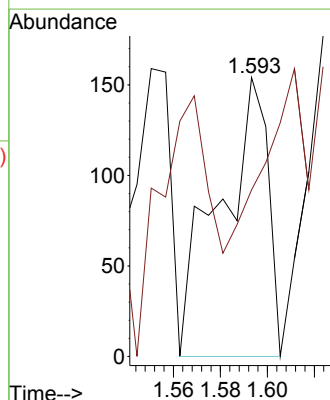
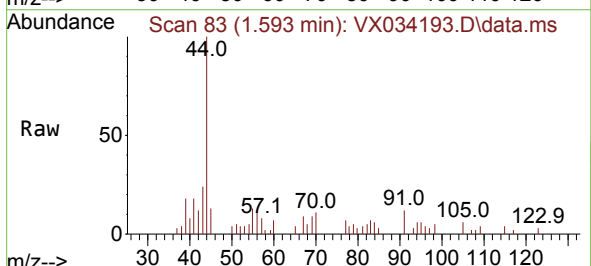
Acq: 20 Feb 2023 17:20

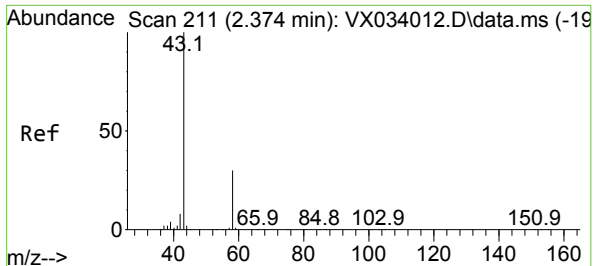
Tgt Ion: 94 Resp: 221

Ion Ratio Lower Upper

94 100

96 0.0 74.3 111.5#

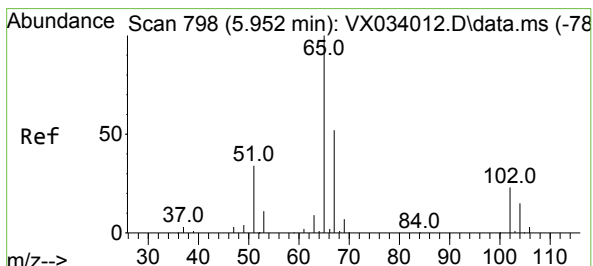
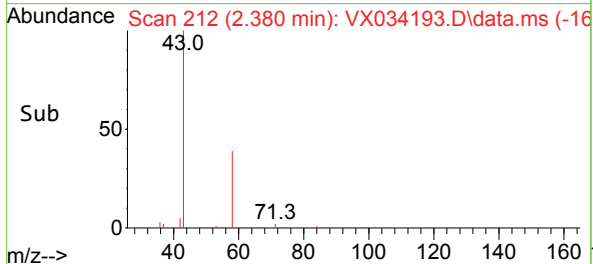
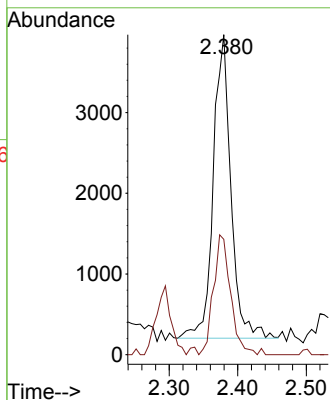
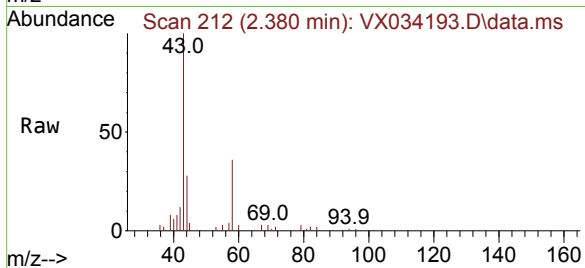




#16
Acetone
Concen: 2.949 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034193.D
Acq: 20 Feb 2023 17:20

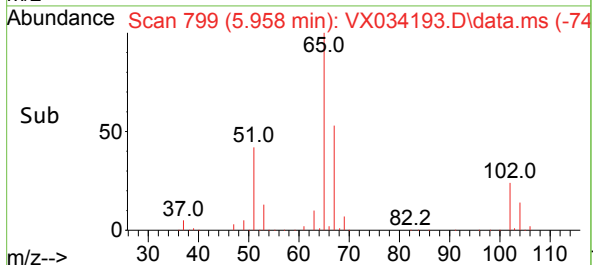
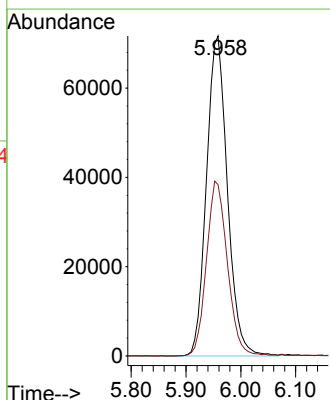
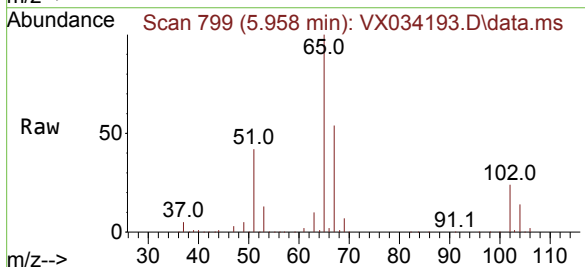
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-878-880

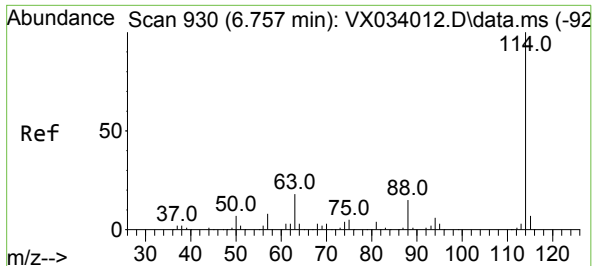
Tgt Ion: 43 Resp: 6754
Ion Ratio Lower Upper
43 100
58 38.0 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 42.762 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034193.D
Acq: 20 Feb 2023 17:20

Tgt Ion: 65 Resp: 189864
Ion Ratio Lower Upper
65 100
67 54.8 0.0 104.8

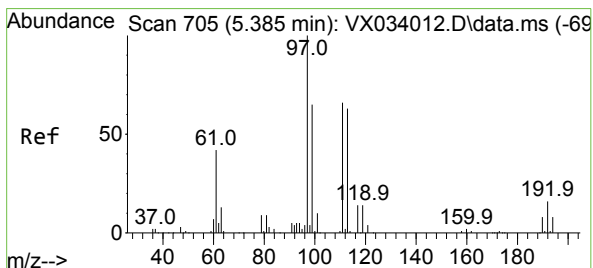
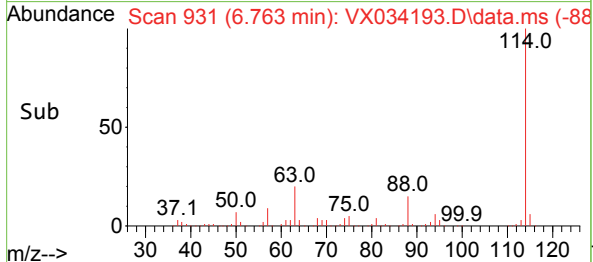
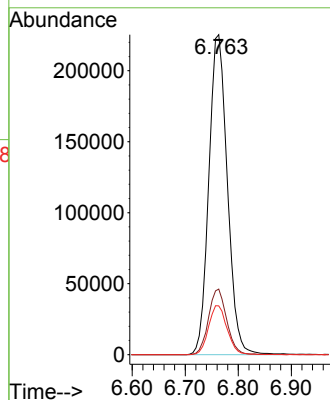
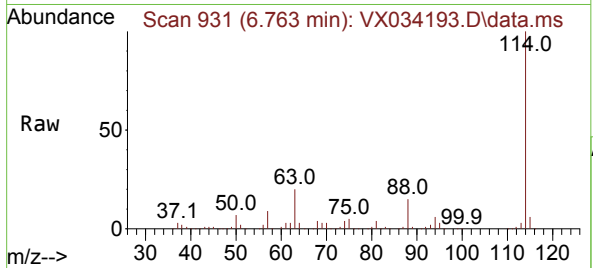




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034193.D
Acq: 20 Feb 2023 17:20

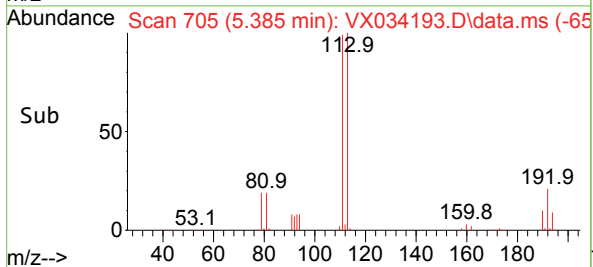
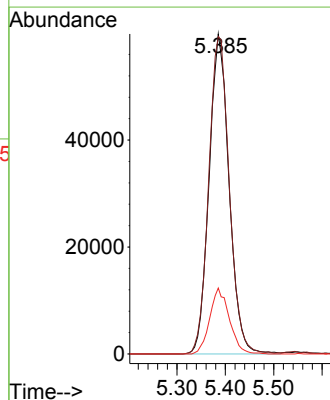
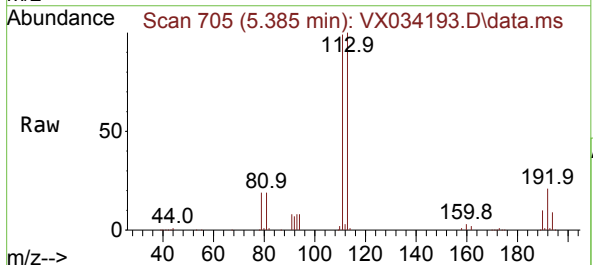
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-878-880

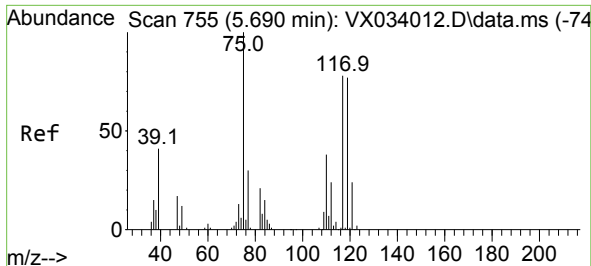
Tgt Ion:114 Resp: 546758
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.273 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034193.D
Acq: 20 Feb 2023 17:20

Tgt Ion:113 Resp: 171847
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 20.2 19.0 28.4

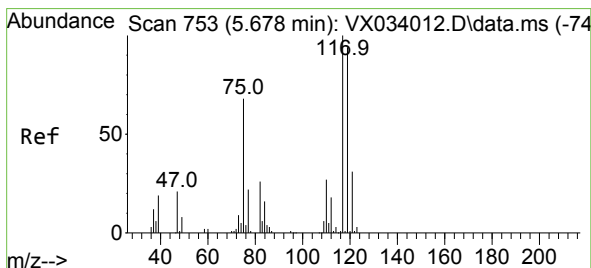
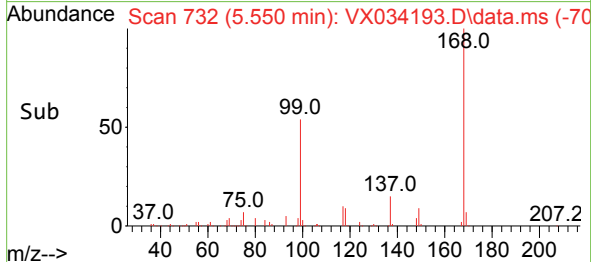
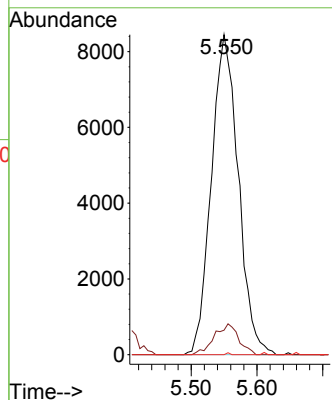
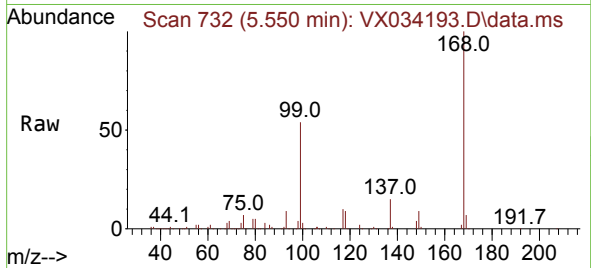




#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034193.D
Acq: 20 Feb 2023 17:20

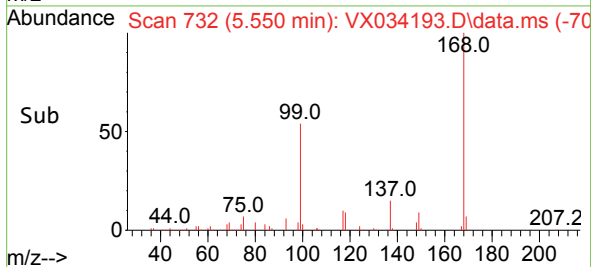
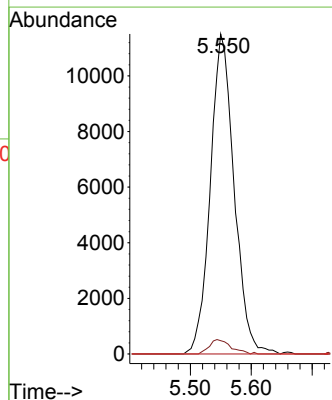
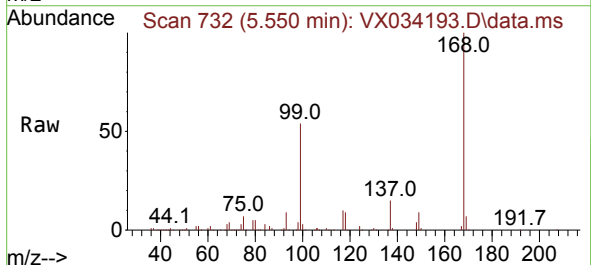
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-878-880

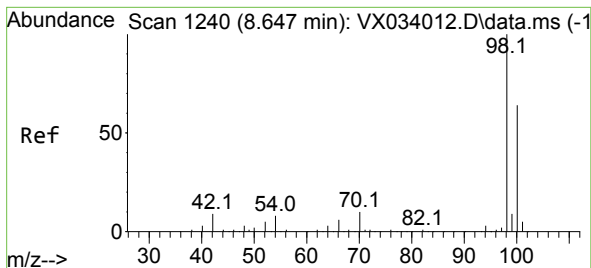
Tgt Ion: 75 Resp: 24045
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.1 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034193.D
Acq: 20 Feb 2023 17:20

Tgt Ion: 117 Resp: 31246
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.486 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034193.D

Acq: 20 Feb 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

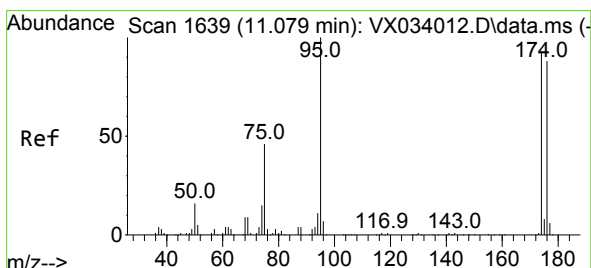
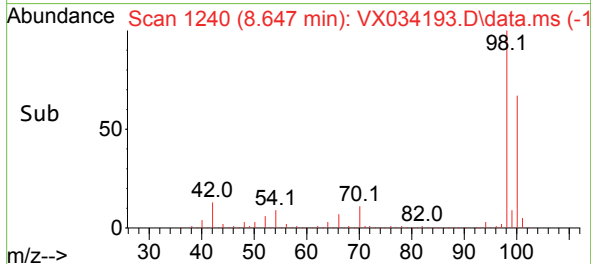
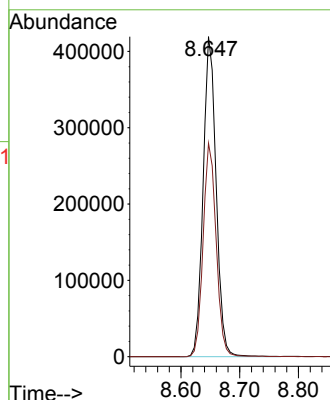
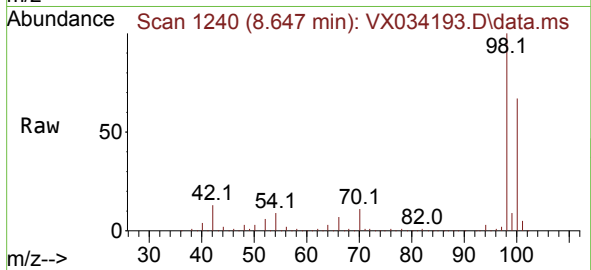
BP-VPB-RW10-GW-878-880

Tgt Ion: 98 Resp: 645278

Ion Ratio Lower Upper

98 100

100 67.0 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 44.575 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034193.D

Acq: 20 Feb 2023 17:20

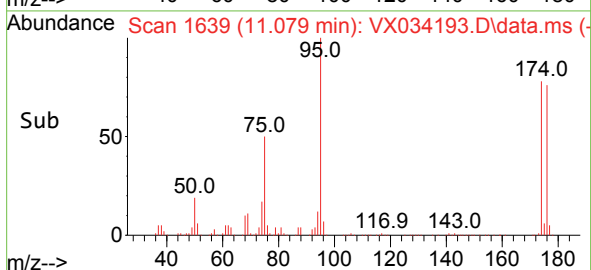
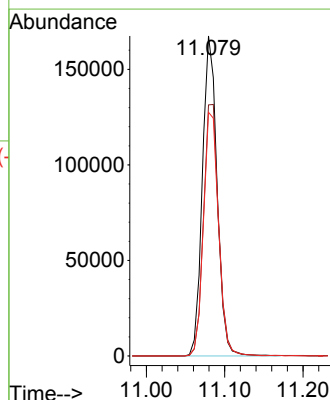
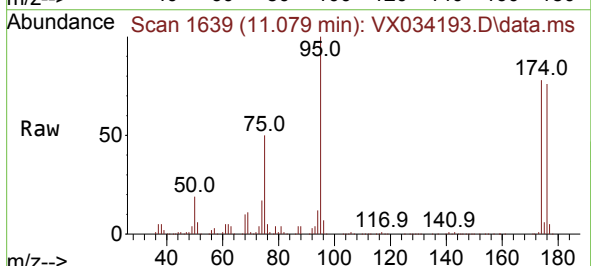
Tgt Ion: 95 Resp: 217924

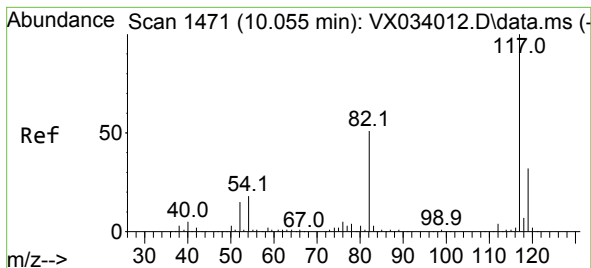
Ion Ratio Lower Upper

95 100

174 81.6 0.0 184.4

176 78.4 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034193.D

Acq: 20 Feb 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-878-880

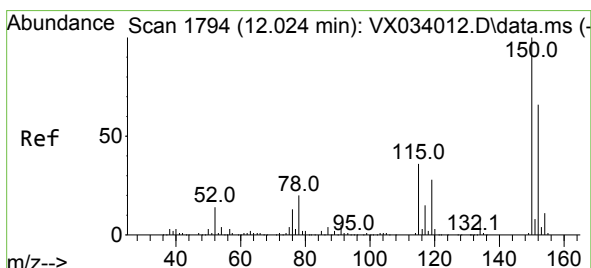
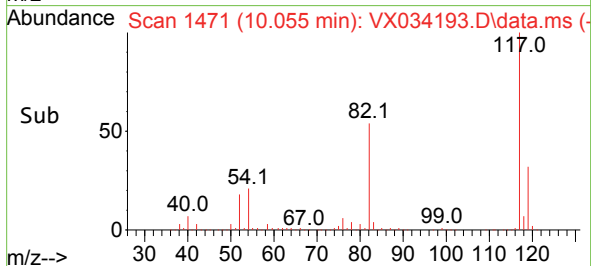
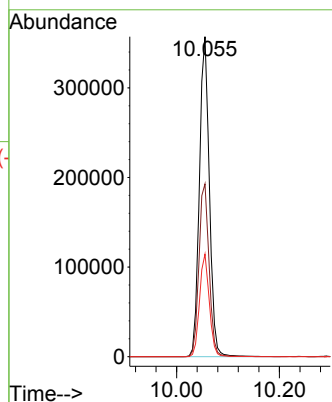
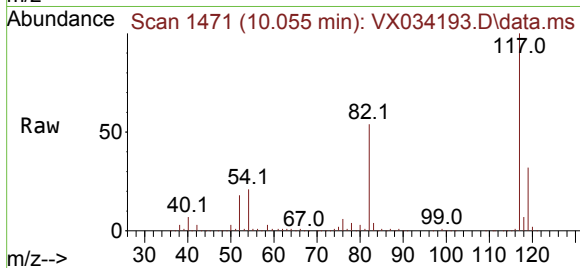
Tgt Ion:117 Resp: 480923

Ion Ratio Lower Upper

117 100

82 54.0 40.6 60.8

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034193.D

Acq: 20 Feb 2023 17:20

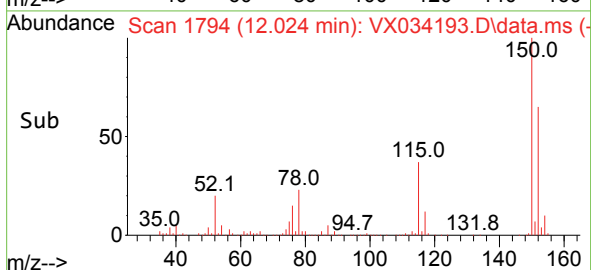
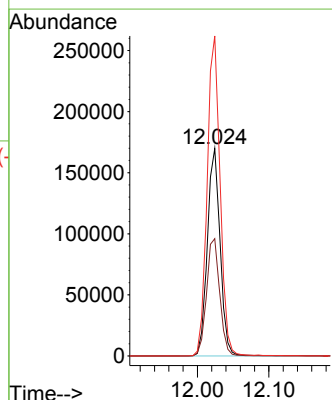
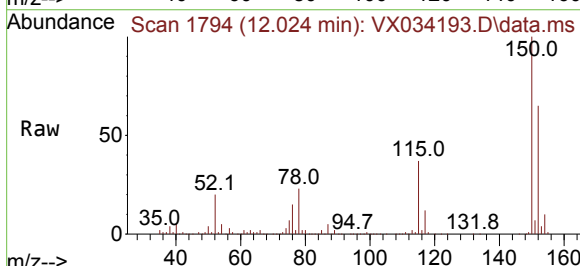
Tgt Ion:152 Resp: 210924

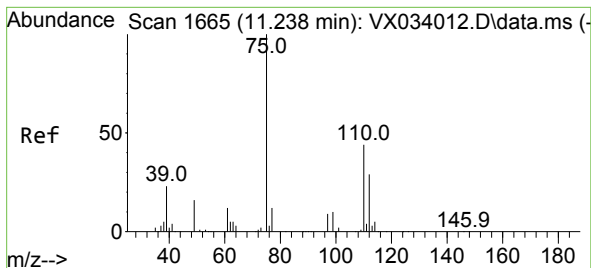
Ion Ratio Lower Upper

152 100

115 58.5 38.7 116.1

150 156.9 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.290 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX034193.D

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ClientSampleId :

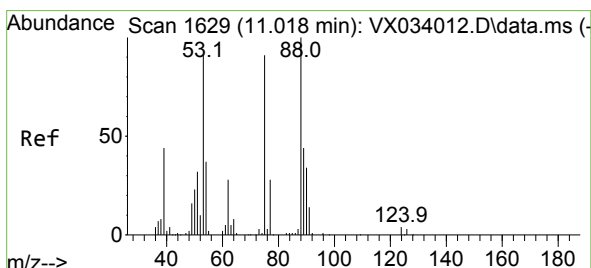
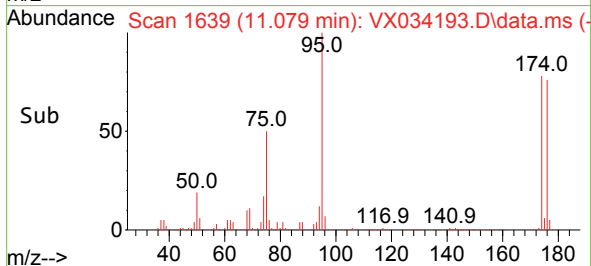
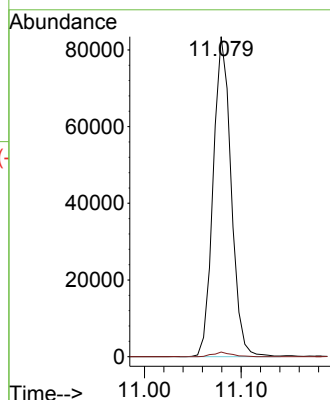
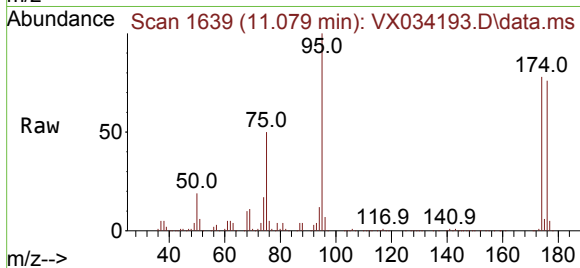
BP-VPB-RW10-GW-878-880

Tgt Ion: 75 Resp: 107687

Ion Ratio Lower Upper

75 100

77 1.5 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.123 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034193.D

Acq: 20 Feb 2023 17:20

Tgt Ion: 75 Resp: 107687

Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

