

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038307.D
 Acq On : 16 Oct 2023 16:32
 Operator : JC/MD
 Sample : 04899-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-16-23-26

Quant Time: Oct 17 01:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

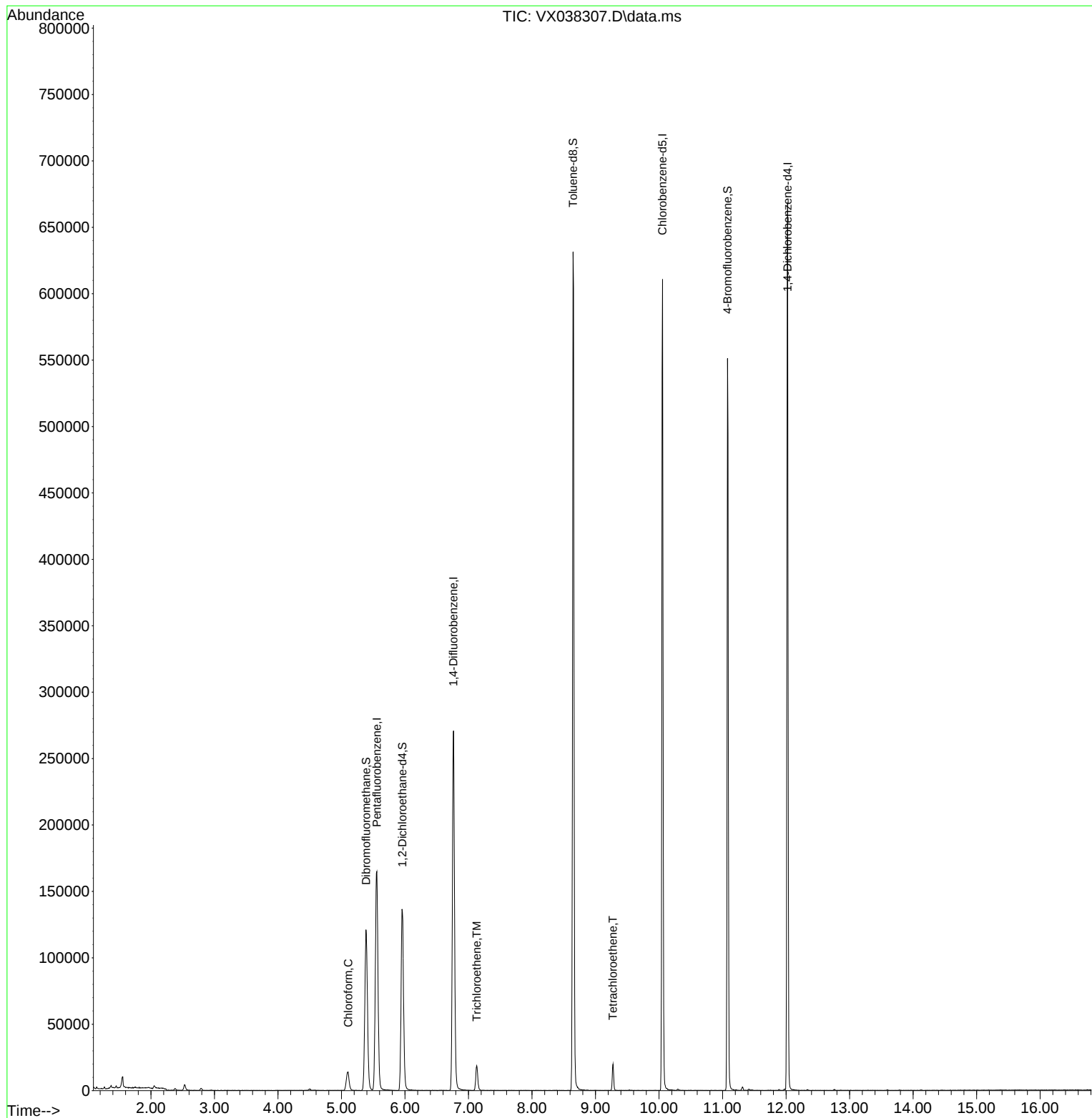
Internal Standards						
1) Pentafluorobenzene	5.556	168	157709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132529	52.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.500%
35) Dibromofluoromethane	5.385	113	103070	52.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	8.647	98	384285	50.945	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.079	95	141786	49.581	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%
Target Compounds						
						Qvalue
30) Chloroform	5.105	83	17209	4.794	ug/l	98
44) Trichloroethene	7.129	130	7105	3.568	ug/l	93
64) Tetrachloroethene	9.275	164	3610	2.064	ug/l	90

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

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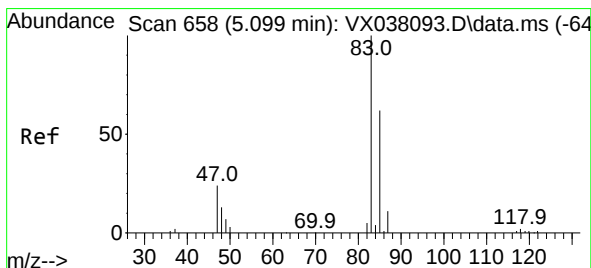
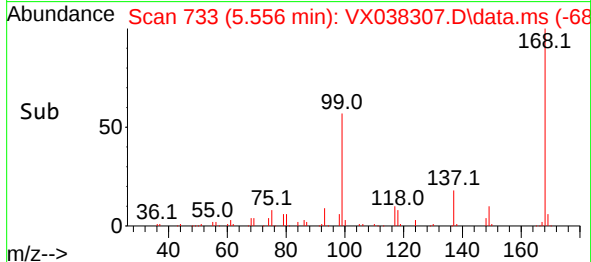
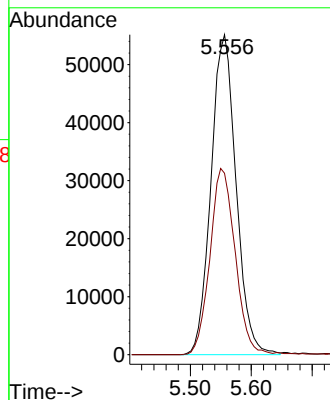
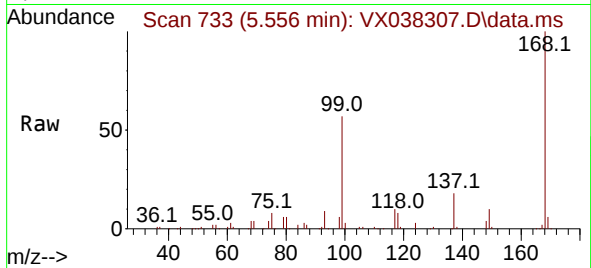




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038307.D
Acq: 16 Oct 2023 16:32

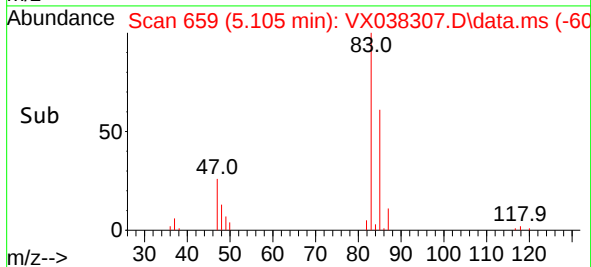
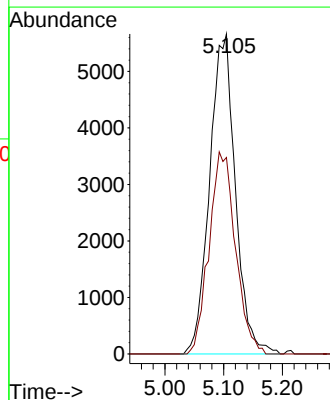
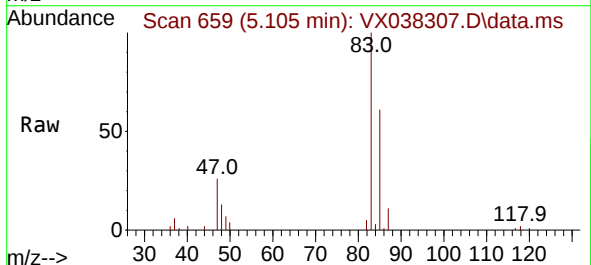
Instrument :
MSVOA_X
ClientSampleId :
GW-16-23-26

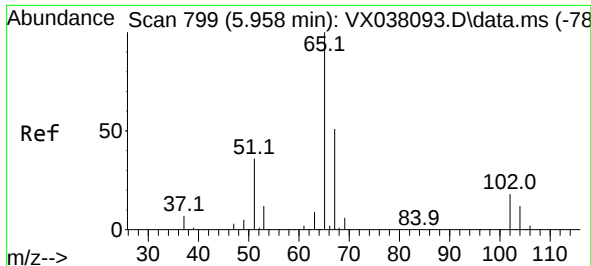
Tgt Ion:168 Resp: 157709
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#30
Chloroform
Concen: 4.794 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX038307.D
Acq: 16 Oct 2023 16:32

Tgt Ion: 83 Resp: 17209
Ion Ratio Lower Upper
83 100
85 61.4 50.3 75.5

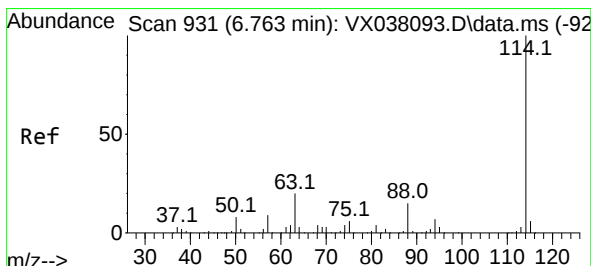
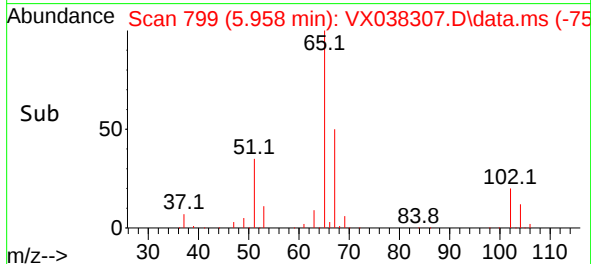
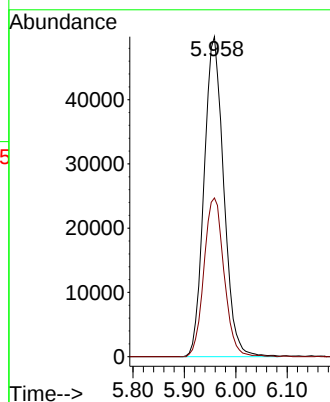
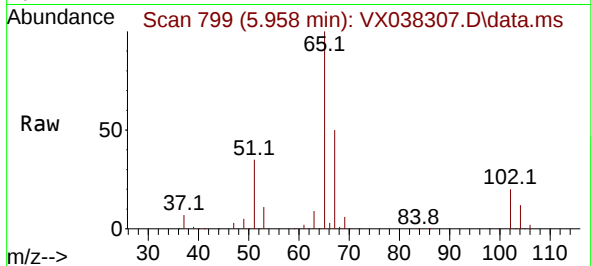




#33
 1,2-Dichloroethane-d4
 Concen: 52.246 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038307.D
 Acq: 16 Oct 2023 16:32

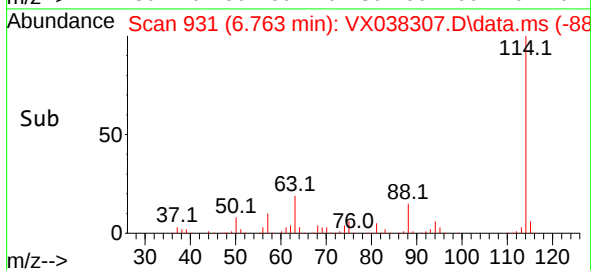
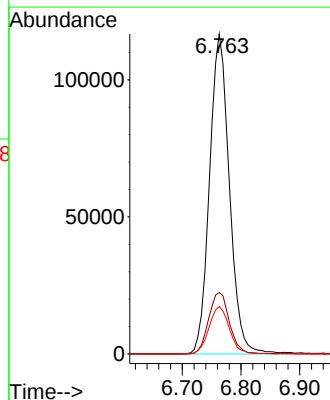
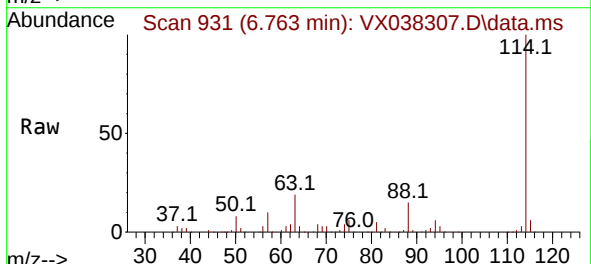
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-16-23-26

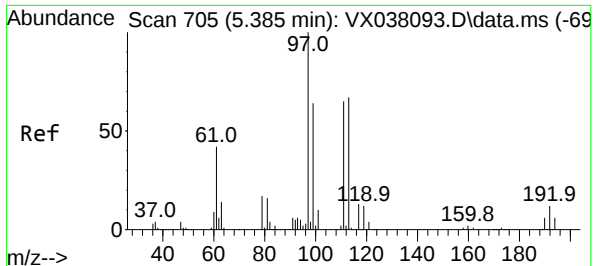
Tgt Ion: 65 Resp: 132529
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038307.D
 Acq: 16 Oct 2023 16:32

Tgt Ion: 114 Resp: 273954
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.214 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038307.D

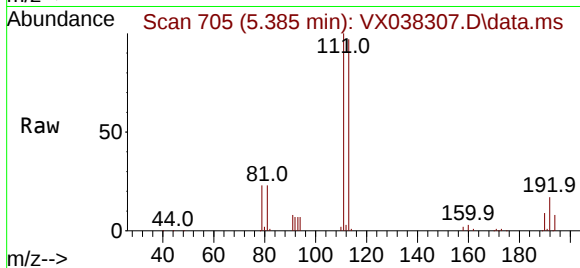
Acq: 16 Oct 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

GW-16-23-26



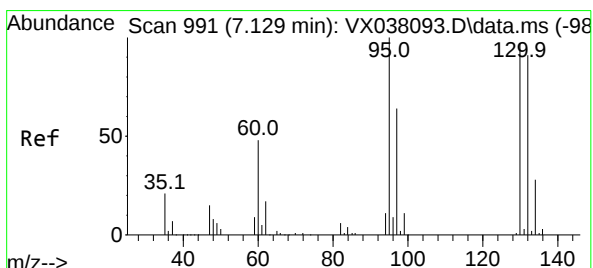
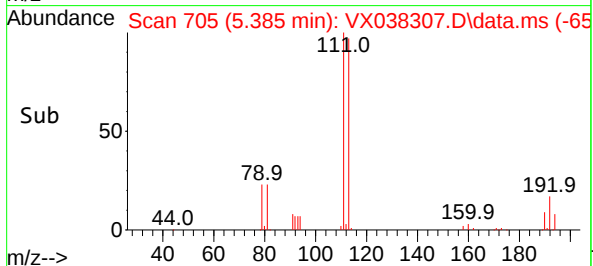
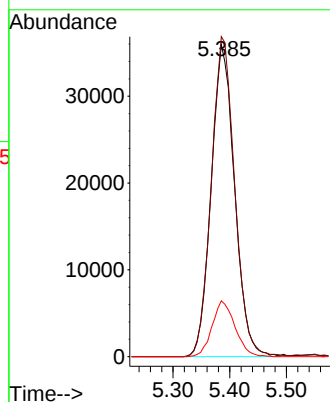
Tgt Ion:113 Resp: 103070

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 17.5 13.3 19.9



#44

Trichloroethene

Concen: 3.568 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038307.D

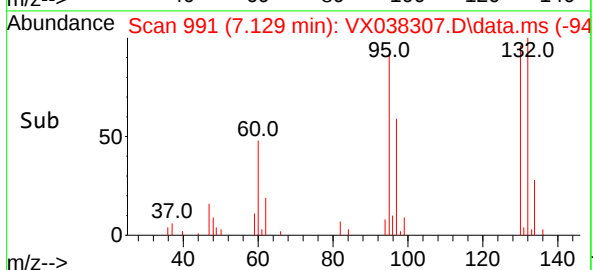
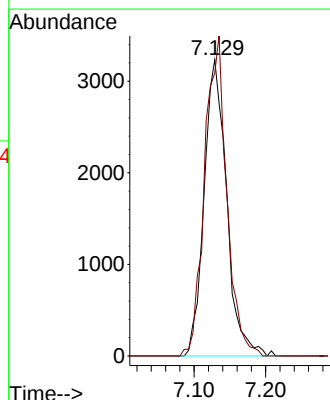
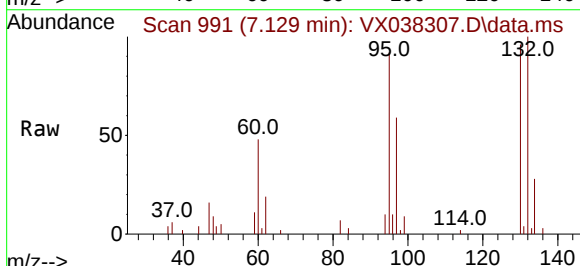
Acq: 16 Oct 2023 16:32

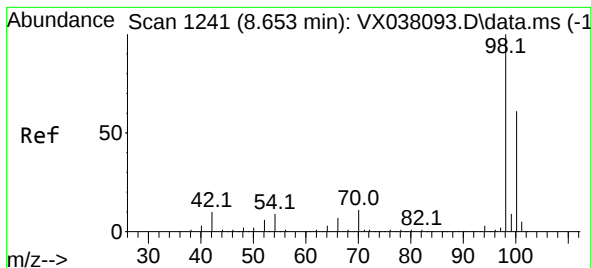
Tgt Ion:130 Resp: 7105

Ion Ratio Lower Upper

130 100

95 95.6 0.0 204.4





#50

Toluene-d8

Concen: 50.945 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038307.D

Acq: 16 Oct 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

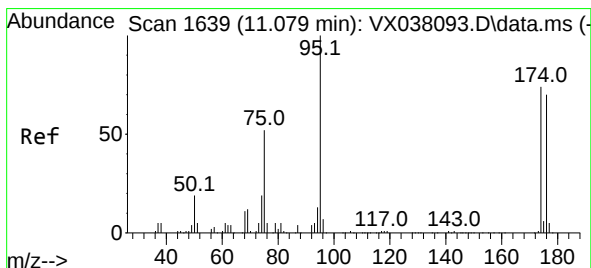
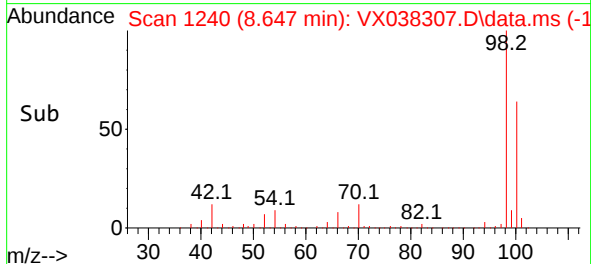
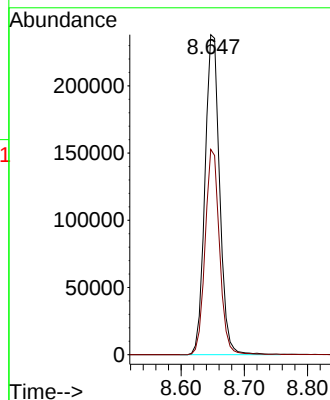
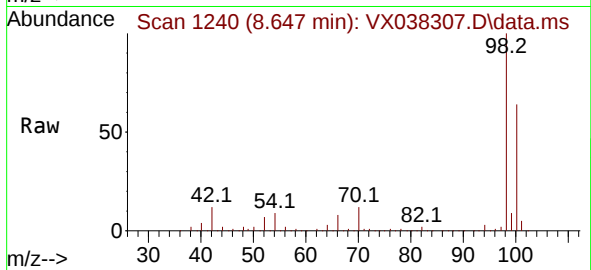
GW-16-23-26

Tgt Ion: 98 Resp: 384285

Ion Ratio Lower Upper

98 100

100 62.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.581 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038307.D

Acq: 16 Oct 2023 16:32

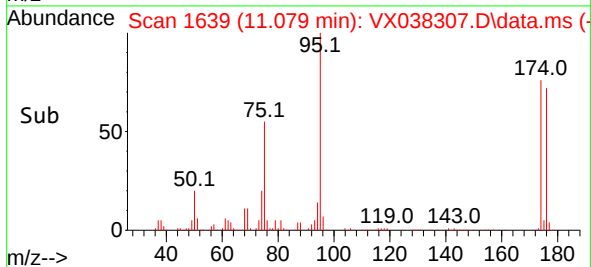
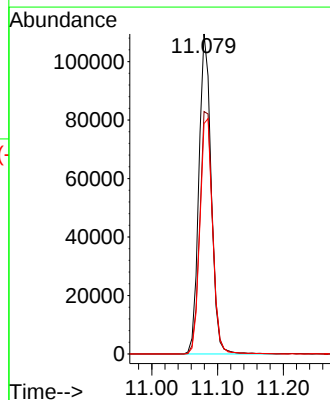
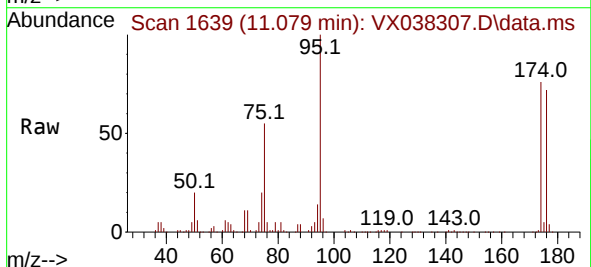
Tgt Ion: 95 Resp: 141786

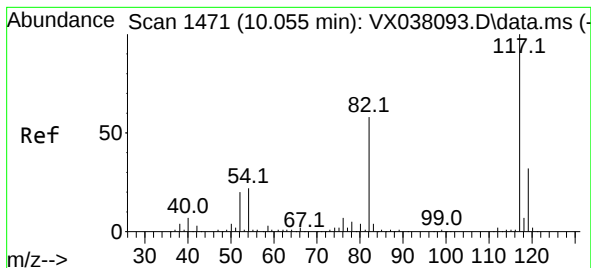
Ion Ratio Lower Upper

95 100

174 79.7 0.0 135.6

176 76.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038307.D

Acq: 16 Oct 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

GW-16-23-26

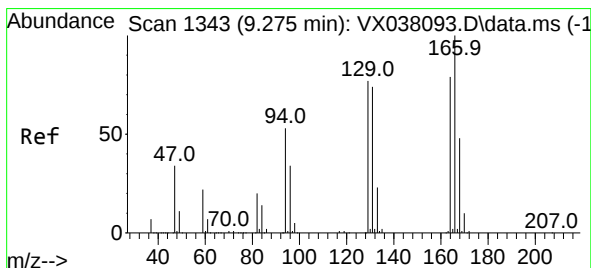
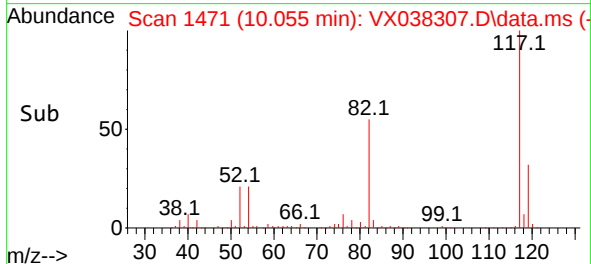
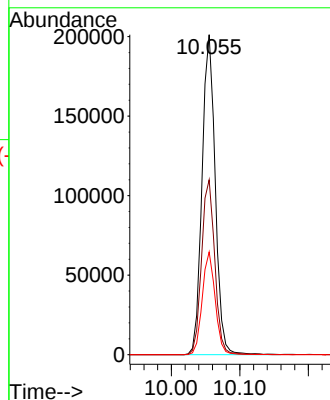
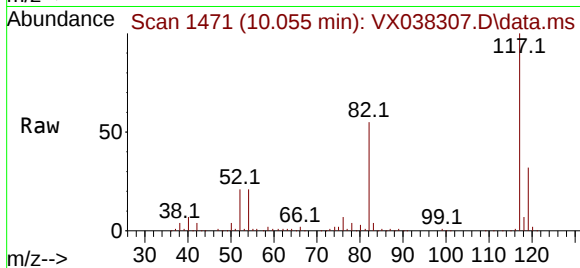
Tgt Ion:117 Resp: 270168

Ion Ratio Lower Upper

117 100

82 54.6 46.2 69.4

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 2.064 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038307.D

Acq: 16 Oct 2023 16:32

Tgt Ion:164 Resp: 3610

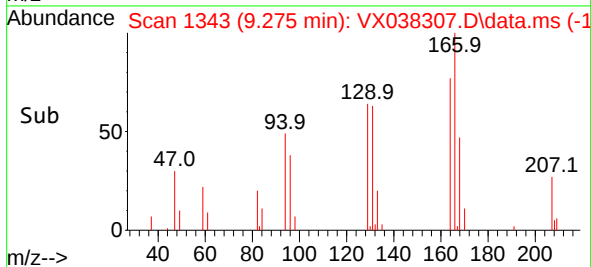
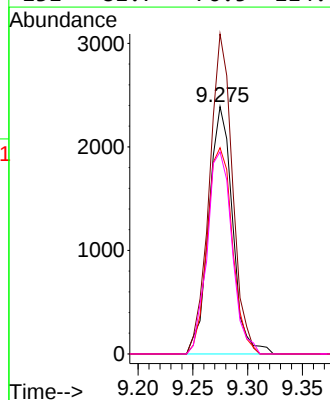
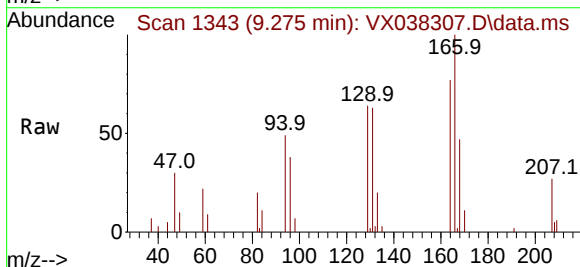
Ion Ratio Lower Upper

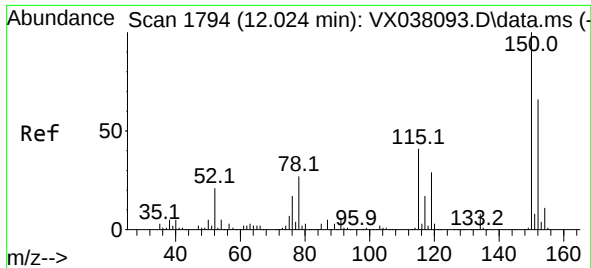
164 100

166 129.4 102.7 154.1

129 83.4 80.4 120.6

131 81.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038307.D

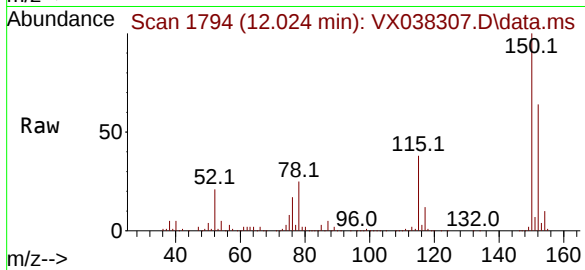
Acq: 16 Oct 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

GW-16-23-26



Tgt Ion:152 Resp: 136590

Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 157.3 0.0 345.0

