

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038308.D
 Acq On : 16 Oct 2023 16:55
 Operator : JC/MD
 Sample : 04899-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-16-37-40

Quant Time: Oct 17 01:25:08 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)

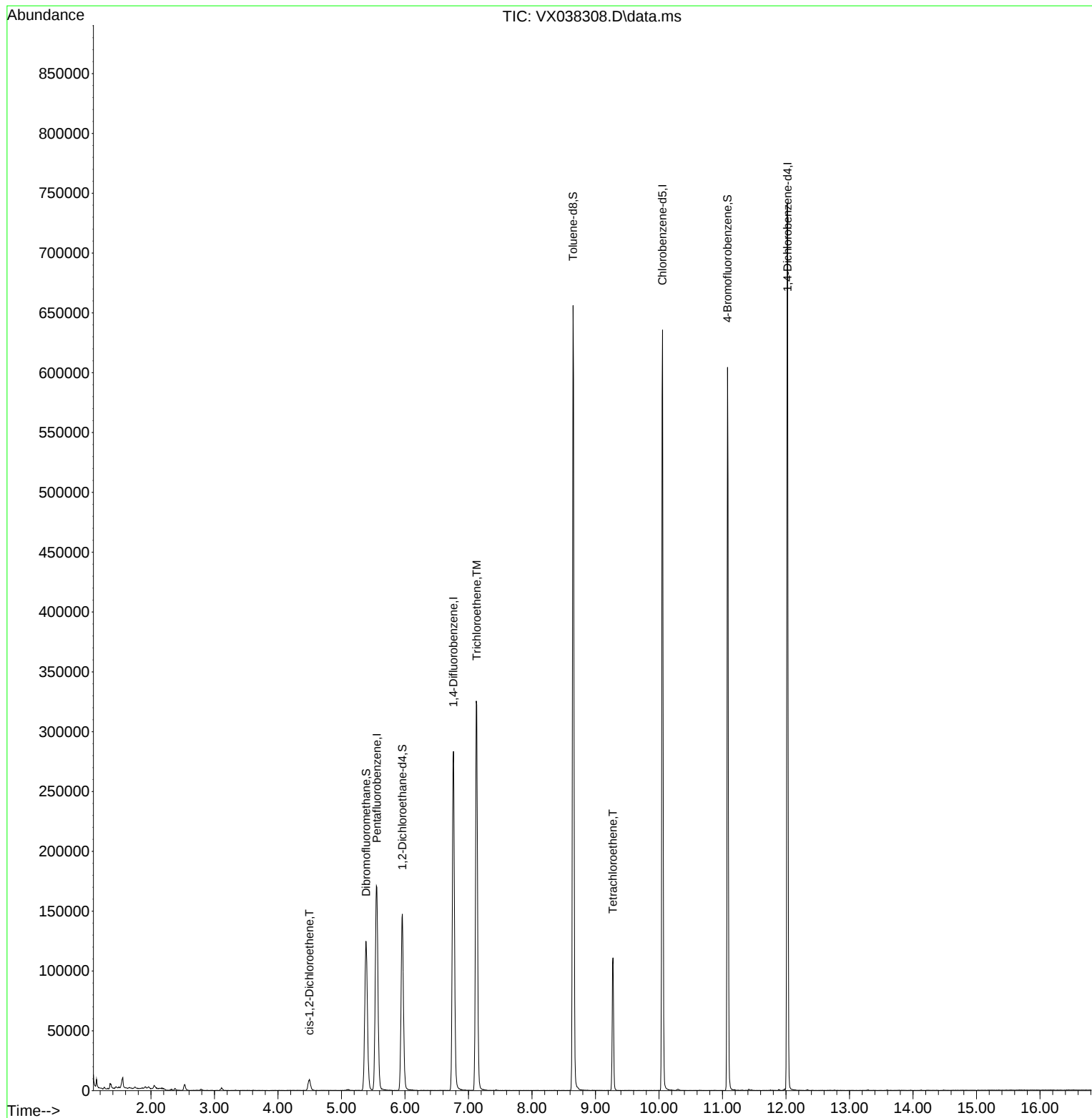
Internal Standards						
1) Pentafluorobenzene	5.556	168	163409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138703	52.772	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.385	113	106400	50.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	397676	49.842	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	153021	50.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.180%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.495	96	6011	2.727	ug/l	82
44) Trichloroethene	7.129	130	118236	56.134	ug/l	98
64) Tetrachloroethene	9.275	164	20302	10.856	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
Data File : VX038308.D
Acq On : 16 Oct 2023 16:55
Operator : JC/MD
Sample : 04899-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-16-37-40

Quant Time: Oct 17 01:25:08 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

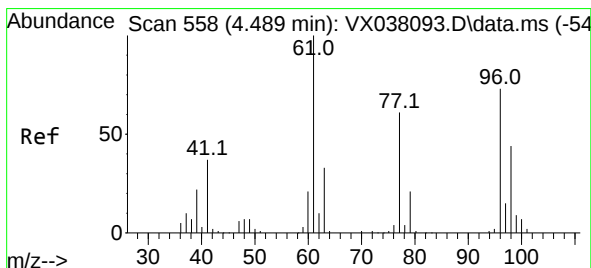
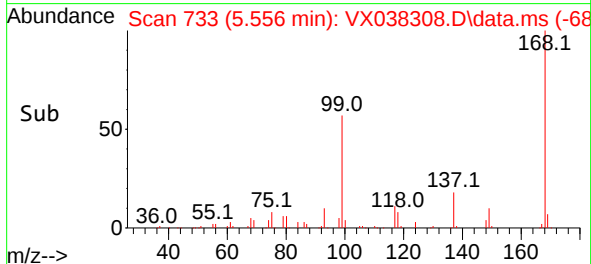
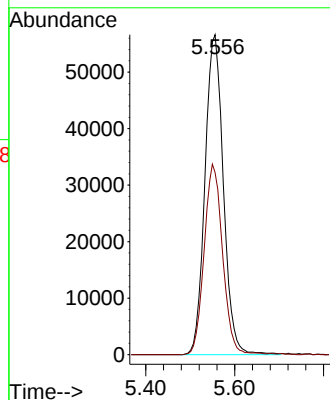
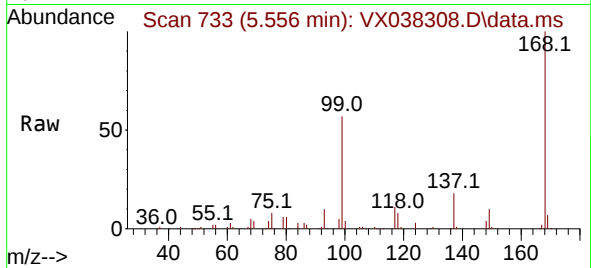




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

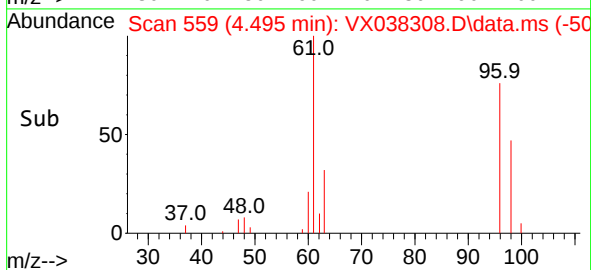
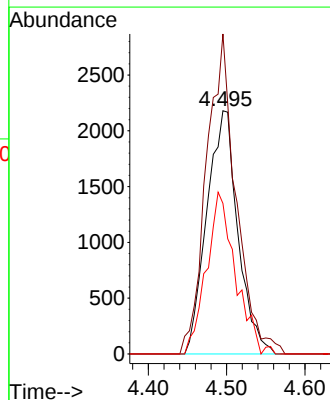
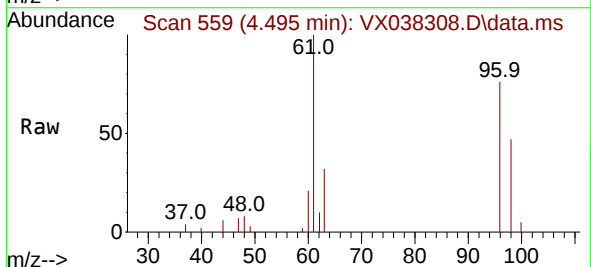
Instrument :
MSVOA_X
ClientSampleId :
GW-16-37-40

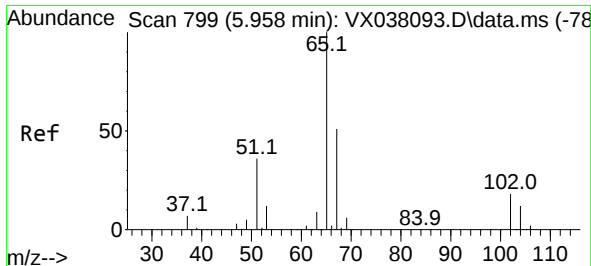
Tgt Ion:168 Resp: 163409
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 2.727 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038308.D
Acq: 16 Oct 2023 16:55

Tgt Ion: 96 Resp: 6011
Ion Ratio Lower Upper
96 100
61 125.3 0.0 312.2
98 62.1 0.0 129.0

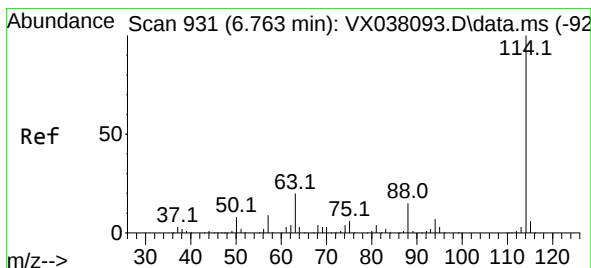
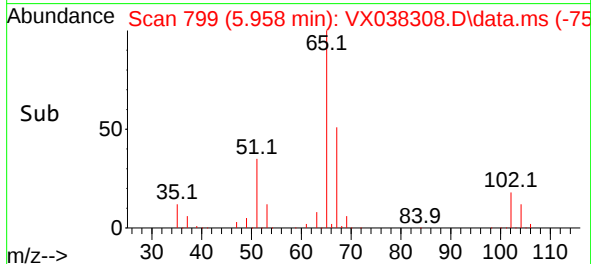
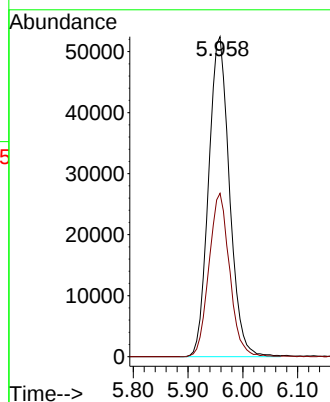
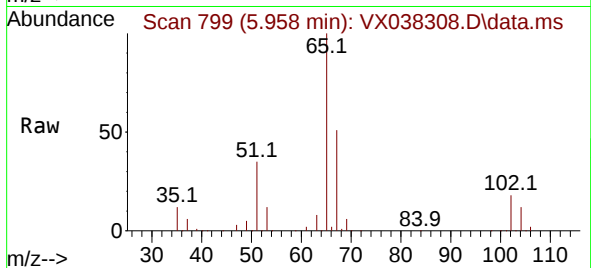




#33
 1,2-Dichloroethane-d4
 Concen: 52.772 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038308.D
 Acq: 16 Oct 2023 16:55

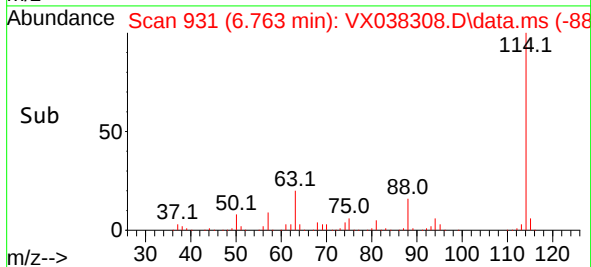
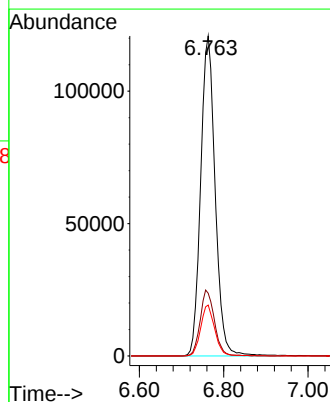
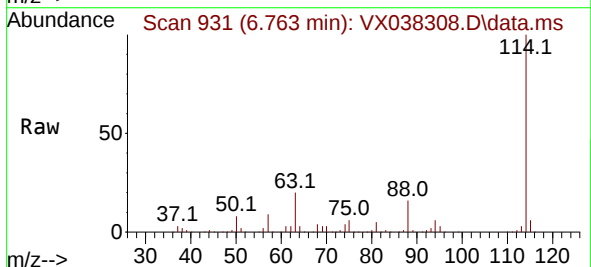
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-16-37-40

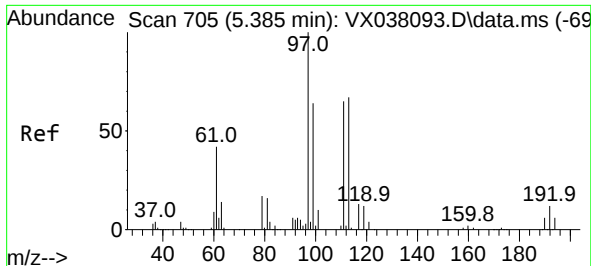
Tgt Ion: 65 Resp: 138703
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038308.D
 Acq: 16 Oct 2023 16:55

Tgt Ion: 114 Resp: 289770
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.958 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

GW-16-37-40

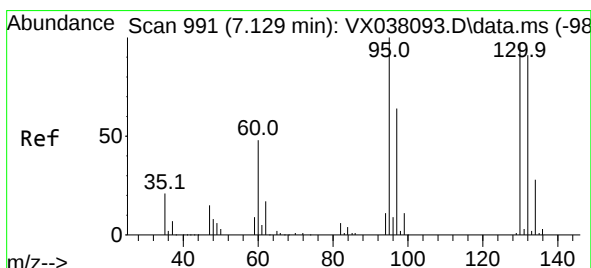
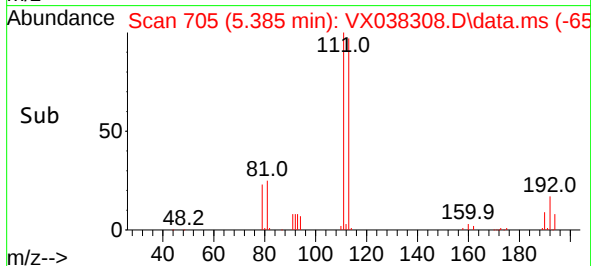
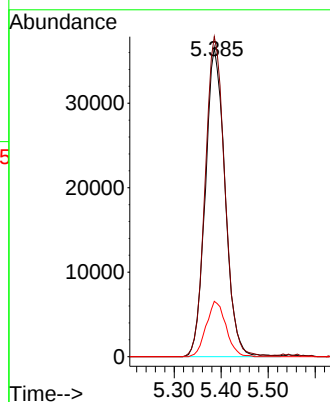
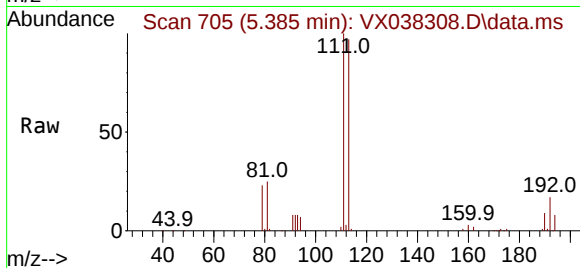
Tgt Ion:113 Resp: 106400

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.0 13.3 19.9



#44

Trichloroethene

Concen: 56.134 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038308.D

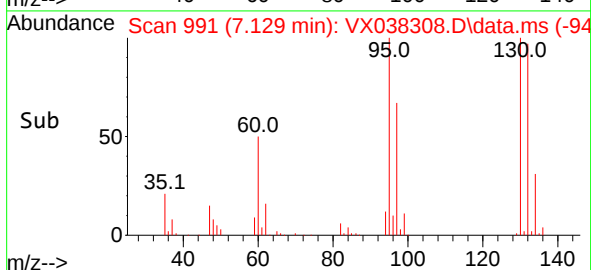
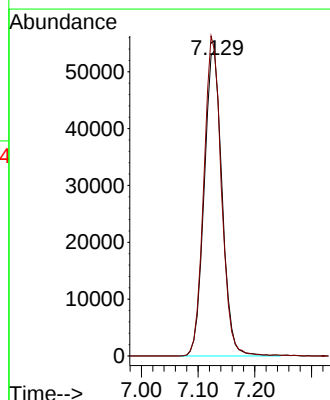
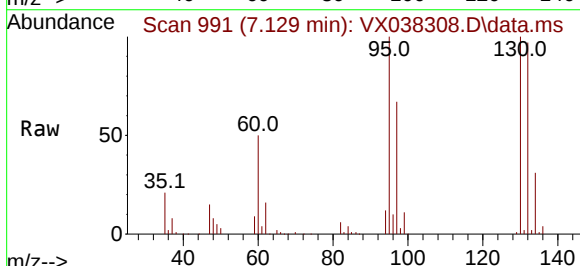
Acq: 16 Oct 2023 16:55

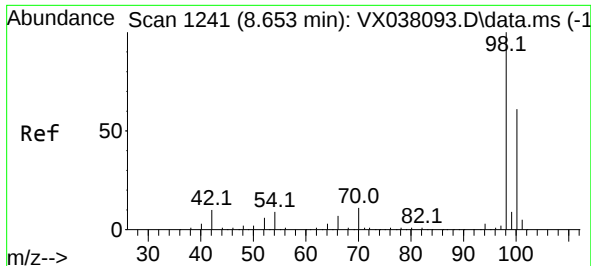
Tgt Ion:130 Resp: 118236

Ion Ratio Lower Upper

130 100

95 100.1 0.0 204.4





#50

Toluene-d8

Concen: 49.842 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

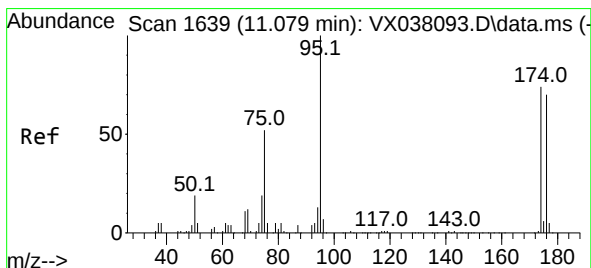
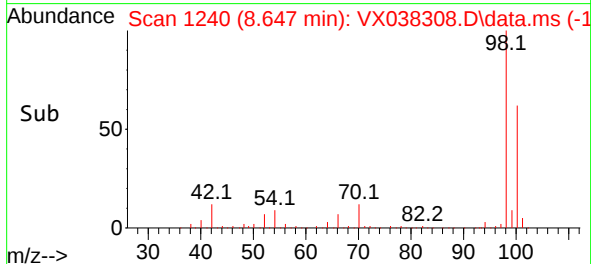
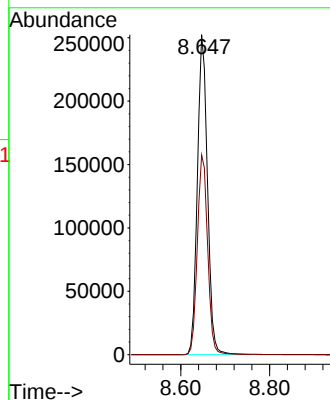
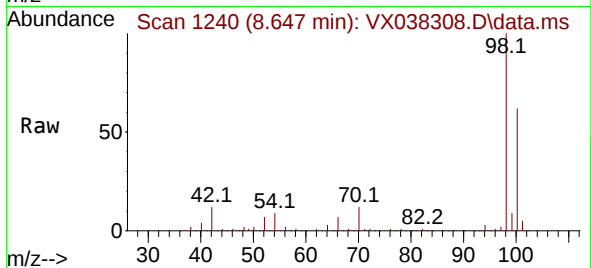
GW-16-37-40

Tgt Ion: 98 Resp: 397676

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.589 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

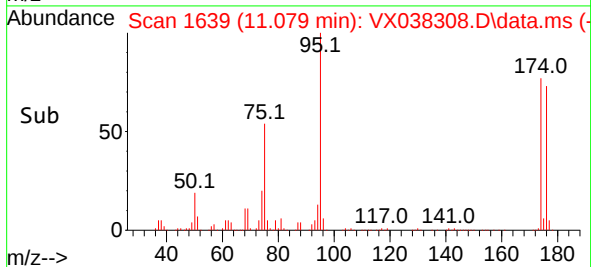
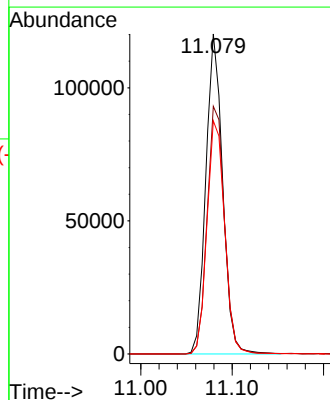
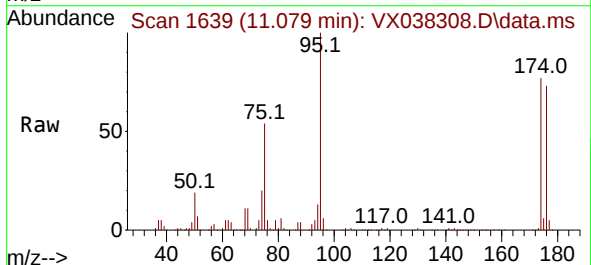
Tgt Ion: 95 Resp: 153021

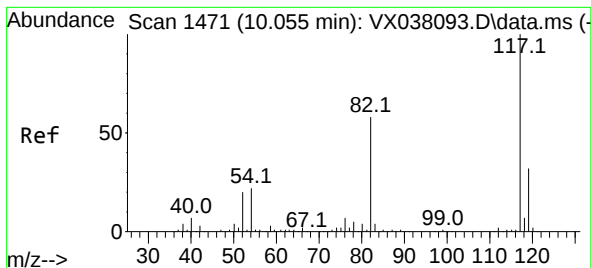
Ion Ratio Lower Upper

95 100

174 80.5 0.0 135.6

176 76.5 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: VX038308.D

Acq: 16 Oct 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

GW-16-37-40

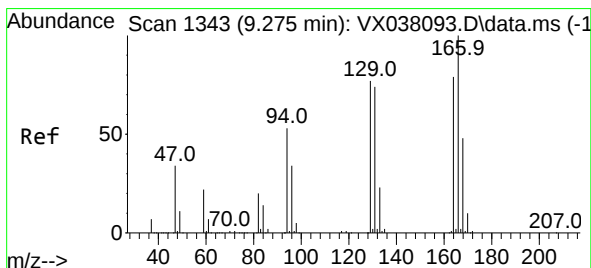
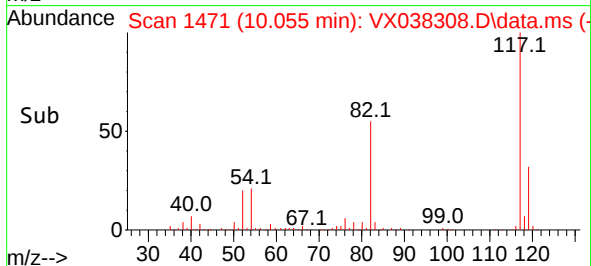
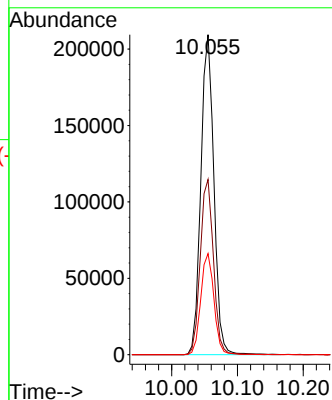
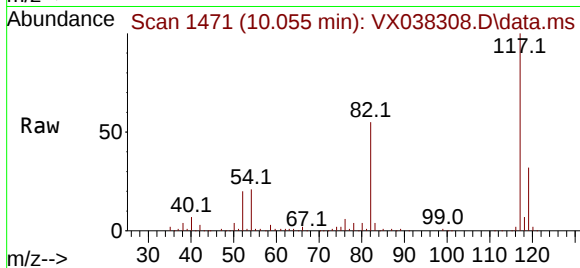
Tgt Ion:117 Resp: 288868

Ion Ratio Lower Upper

117 100

82 54.8 46.2 69.4

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 10.856 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038308.D

Acq: 16 Oct 2023 16:55

Tgt Ion:164 Resp: 20302

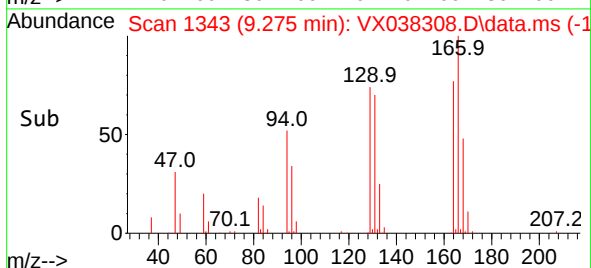
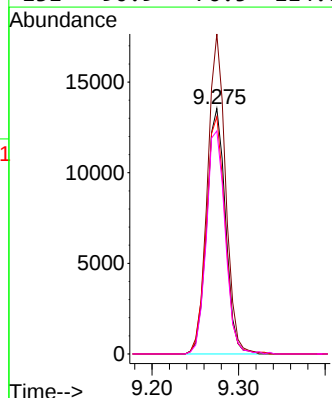
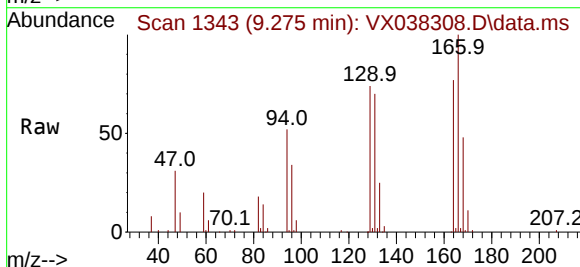
Ion Ratio Lower Upper

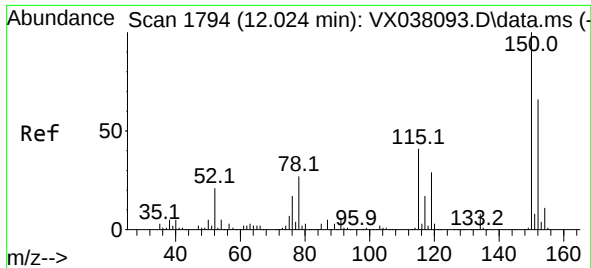
164 100

166 130.4 102.7 154.1

129 96.7 80.4 120.6

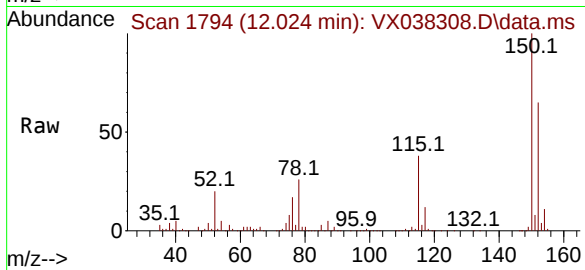
131 90.9 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038308.D
 Acq: 16 Oct 2023 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-16-37-40



Tgt Ion:152 Resp: 153300
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.3 129.9
 150 156.3 0.0 345.0

