

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038230.D
 Acq On : 11 Oct 2023 15:32
 Operator : JC/MD
 Sample : 04803-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-7-10-13

Quant Time: Oct 12 02:46:09 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)

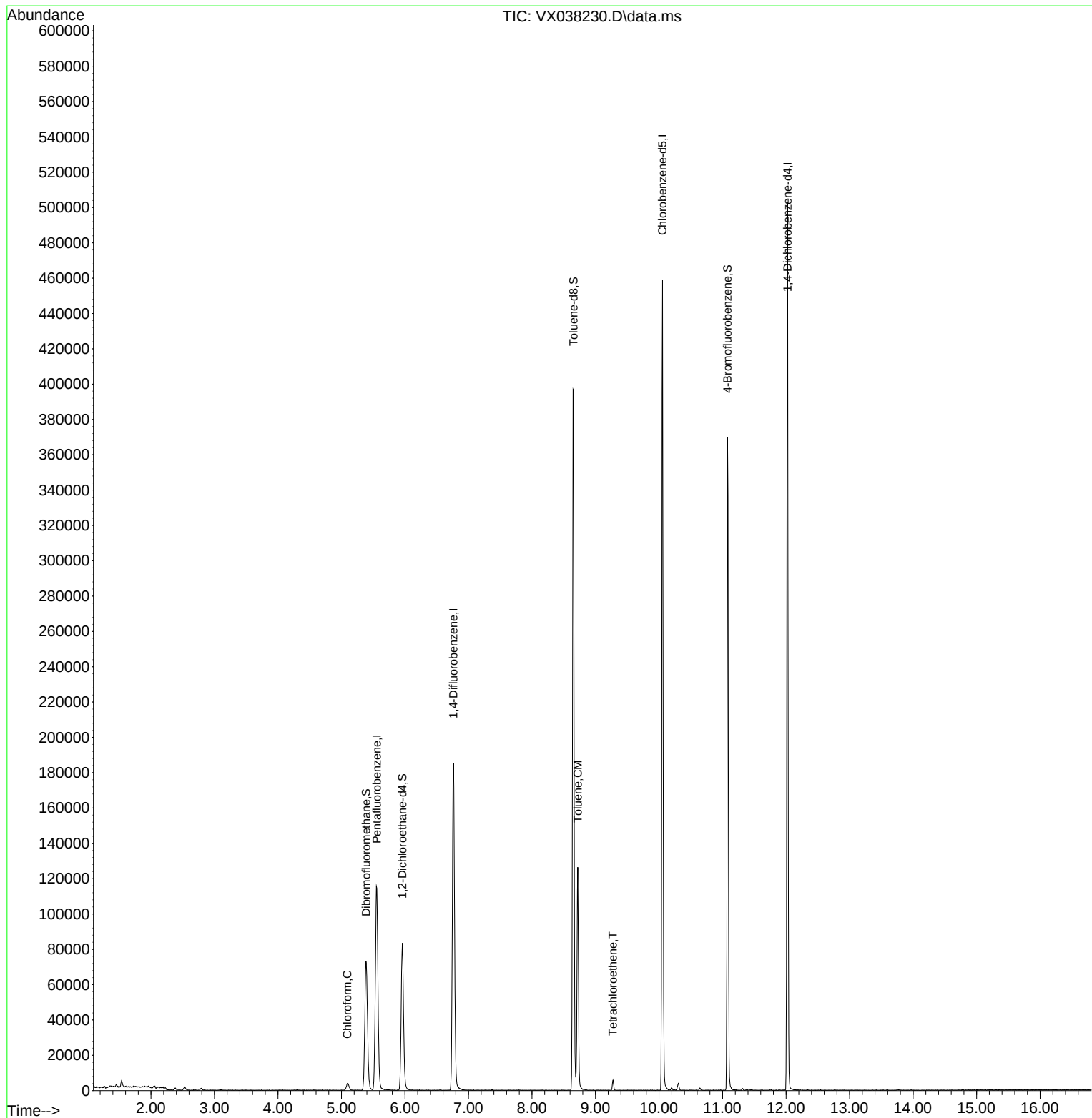
Internal Standards						
1) Pentafluorobenzene	5.556	168	108026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78799	45.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.700%
35) Dibromofluoromethane	5.385	113	63592	46.075	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	243961	46.257	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.520%
62) 4-Bromofluorobenzene	11.079	95	92705	46.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	4898	1.992	ug/l	93
52) Toluene	8.720	92	47827	13.793	ug/l	97
64) Tetrachloroethene	9.275	164	861	0.677	ug/l #	78

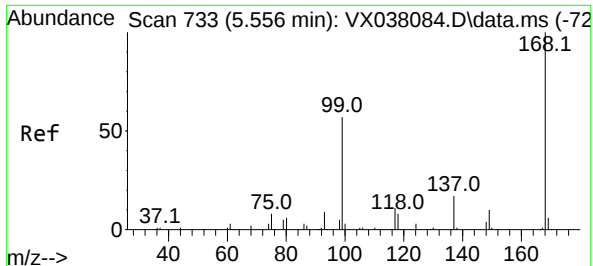
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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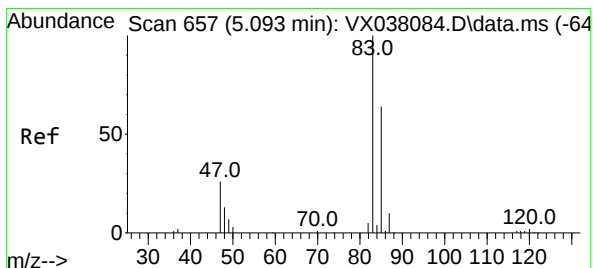
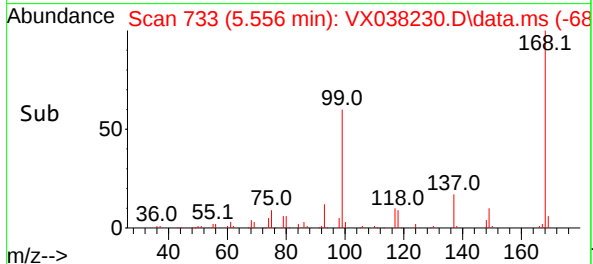
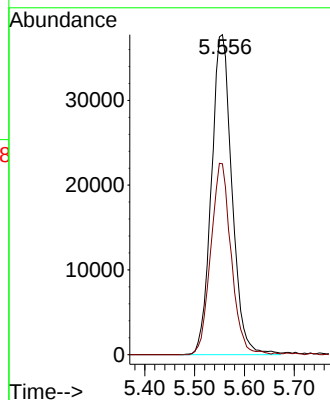
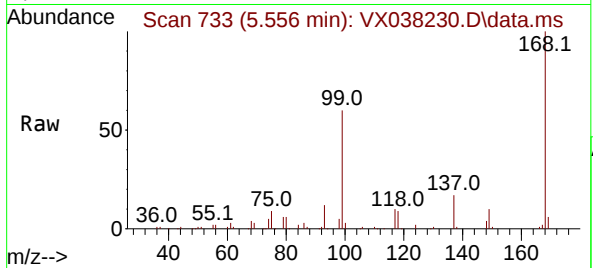




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038230.D
Acq: 11 Oct 2023 15:32

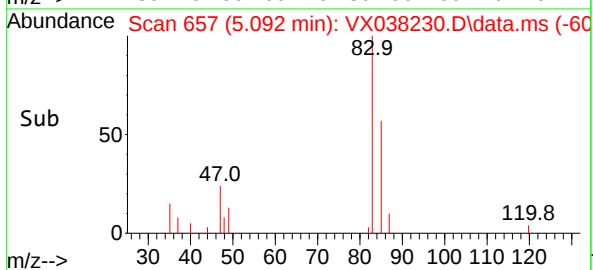
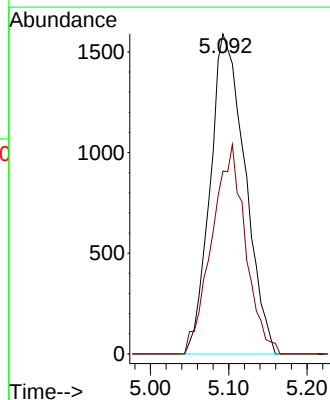
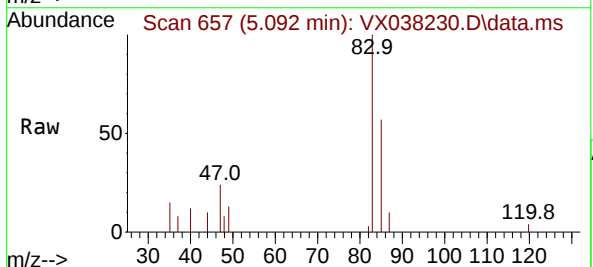
Instrument :
MSVOA_X
ClientSampleId :
GW-7-10-13

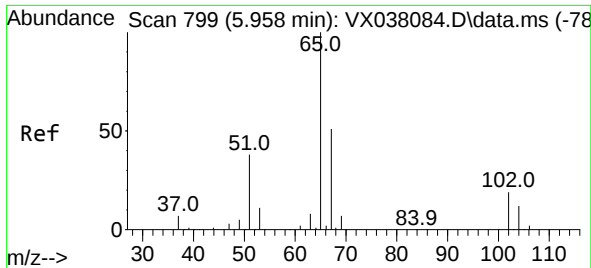
Tgt Ion:168 Resp: 108026
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#30
Chloroform
Concen: 1.992 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038230.D
Acq: 11 Oct 2023 15:32

Tgt Ion: 83 Resp: 4898
Ion Ratio Lower Upper
83 100
85 57.1 50.3 75.5

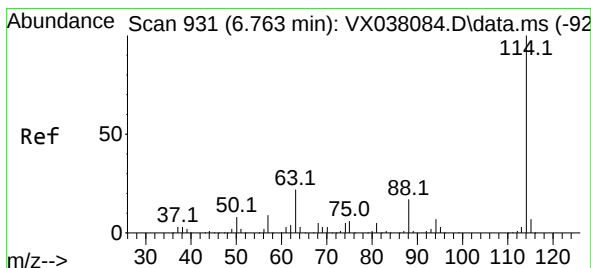
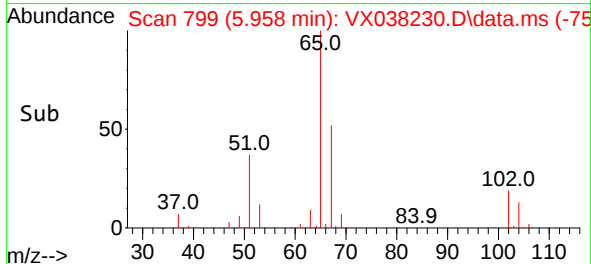
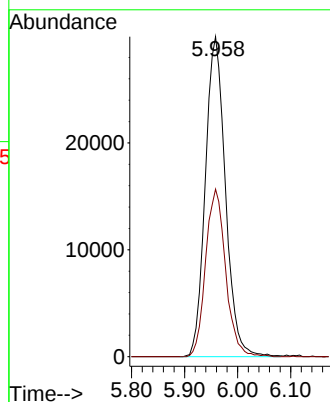
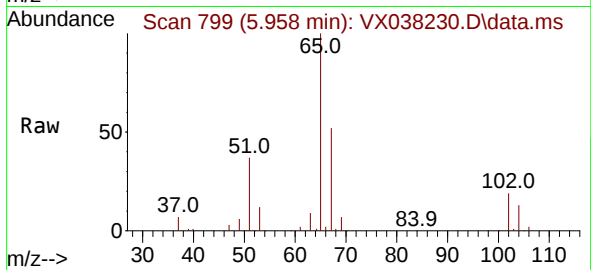




#33
 1,2-Dichloroethane-d4
 Concen: 45.351 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038230.D
 Acq: 11 Oct 2023 15:32

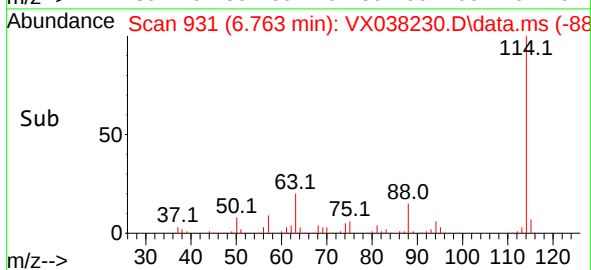
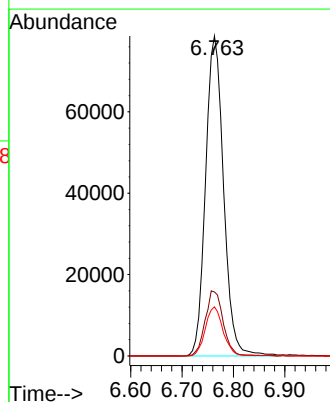
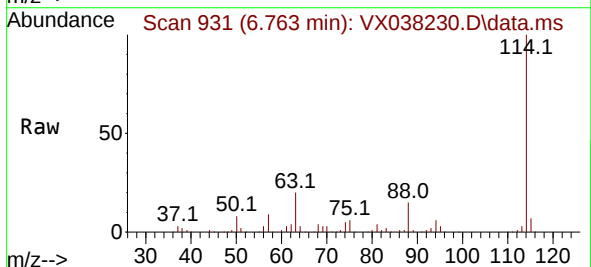
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-7-10-13

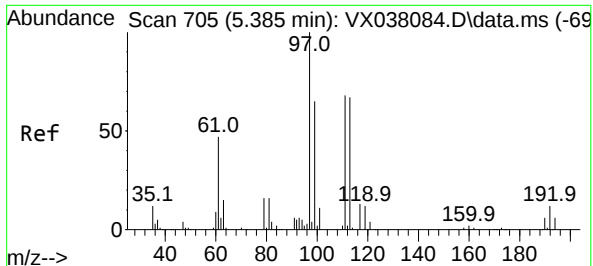
Tgt Ion: 65 Resp: 78799
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038230.D
 Acq: 11 Oct 2023 15:32

Tgt Ion: 114 Resp: 191541
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.075 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038230.D

Acq: 11 Oct 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

GW-7-10-13

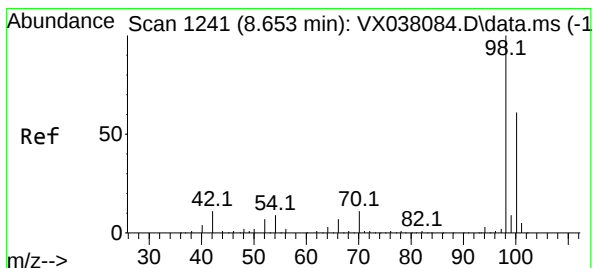
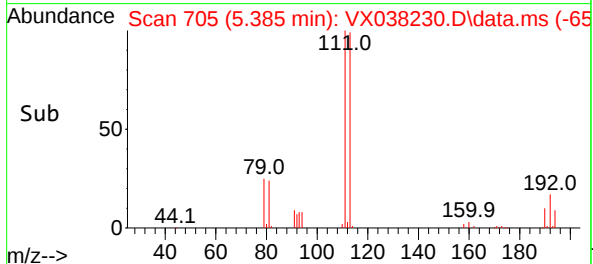
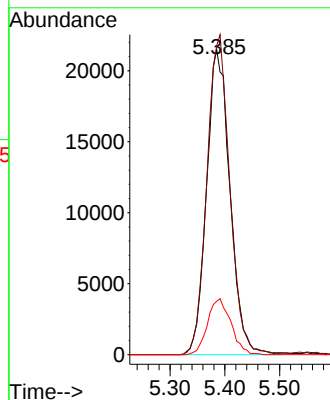
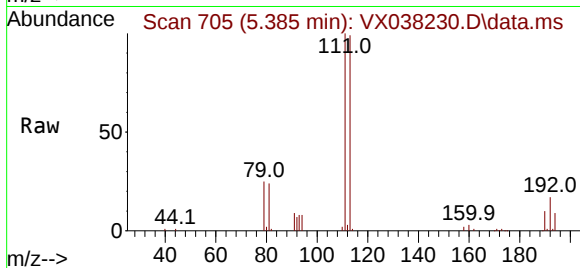
Tgt Ion:113 Resp: 63592

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.4 13.3 19.9



#50

Toluene-d8

Concen: 46.257 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX038230.D

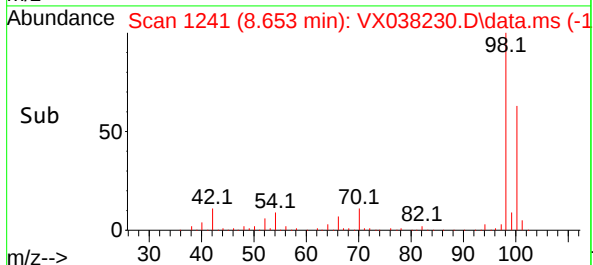
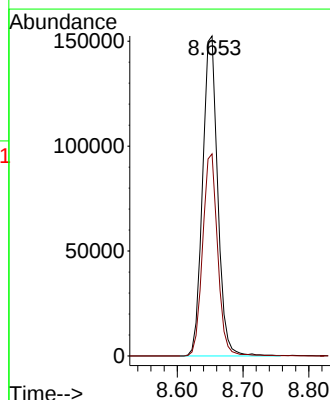
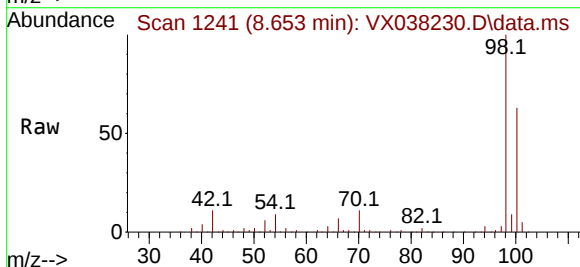
Acq: 11 Oct 2023 15:32

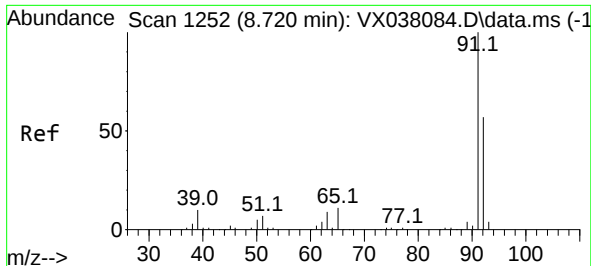
Tgt Ion: 98 Resp: 243961

Ion Ratio Lower Upper

98 100

100 62.8 53.1 79.7

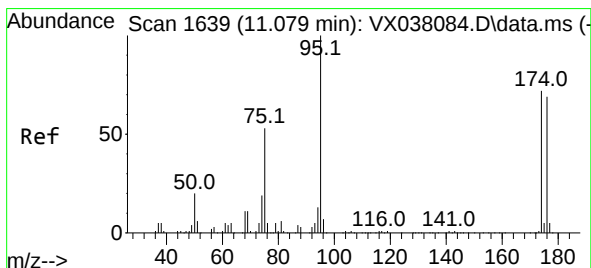
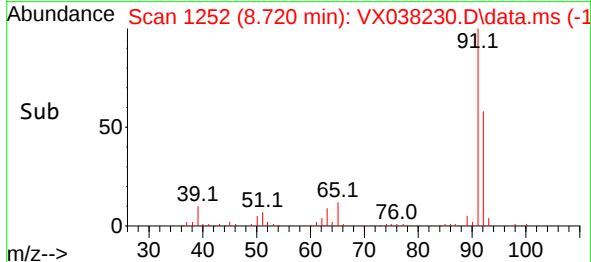
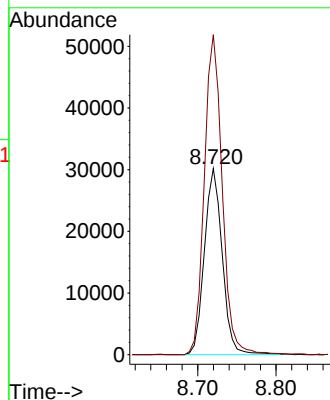
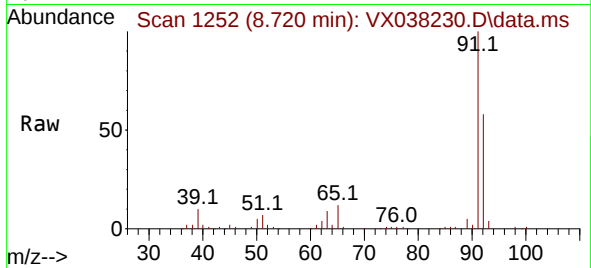




#52
Toluene
Concen: 13.793 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038230.D
Acq: 11 Oct 2023 15:32

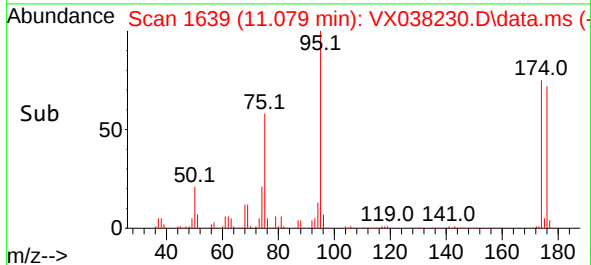
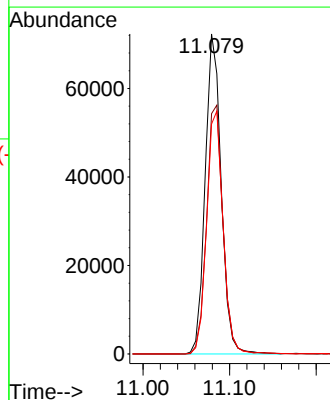
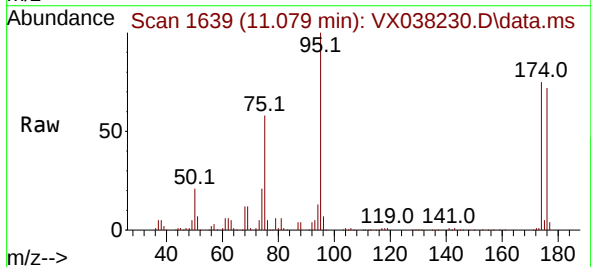
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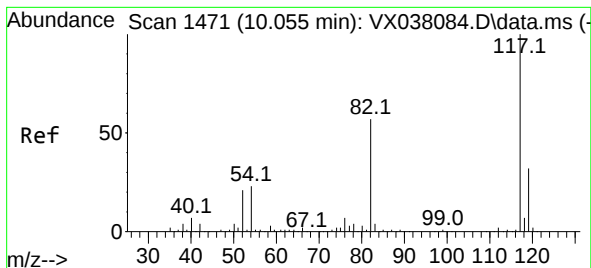
Tgt Ion: 92 Resp: 47827
Ion Ratio Lower Upper
92 100
91 171.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038230.D
Acq: 11 Oct 2023 15:32

Tgt Ion: 95 Resp: 92705
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 78.0 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: VX038230.D

Acq: 11 Oct 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

GW-7-10-13

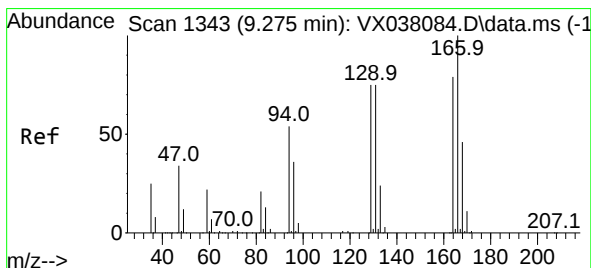
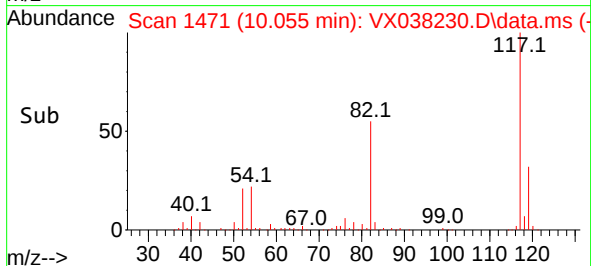
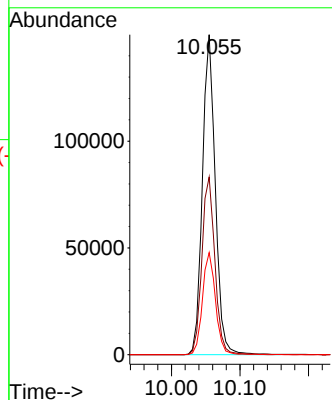
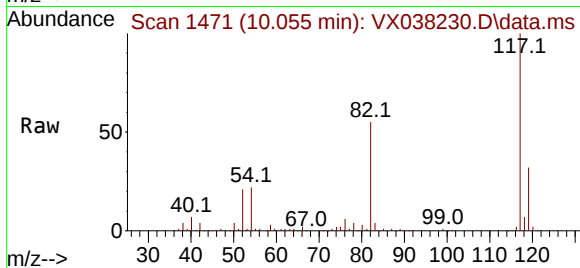
Tgt Ion:117 Resp: 196451

Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 0.677 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038230.D

Acq: 11 Oct 2023 15:32

Tgt Ion:164 Resp: 861

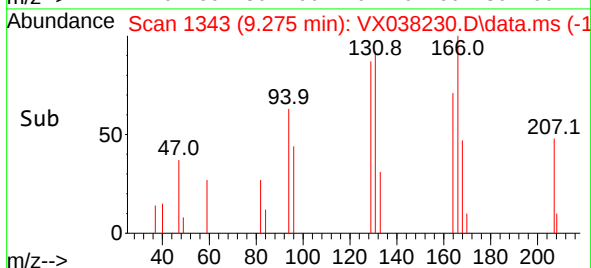
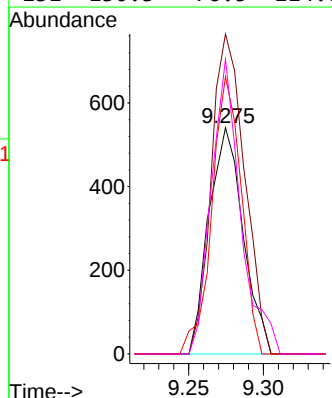
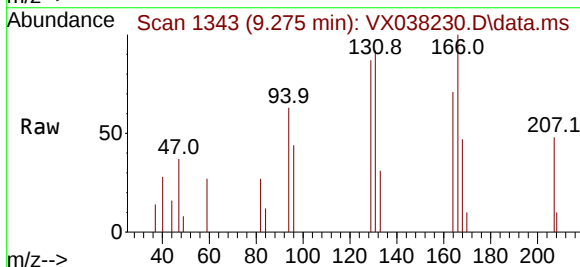
Ion Ratio Lower Upper

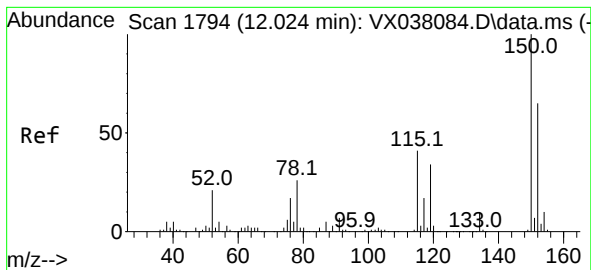
164 100

166 141.4 102.7 154.1

129 122.6 80.4 120.6#

131 130.3 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: VX038230.D

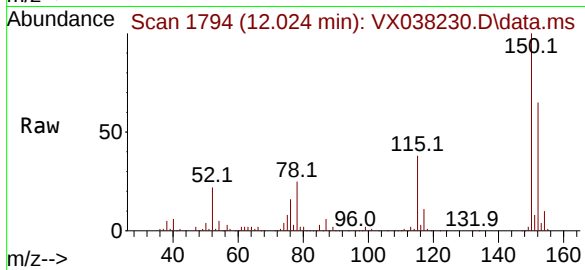
Acq: 11 Oct 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

GW-7-10-13



Tgt Ion:152 Resp: 101561

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 156.9 0.0 345.0

