

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038194.D
 Acq On : 10 Oct 2023 12:27
 Operator : JC/MD
 Sample : 04810-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-TB-20231004

Quant Time: Oct 11 01:36:08 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)

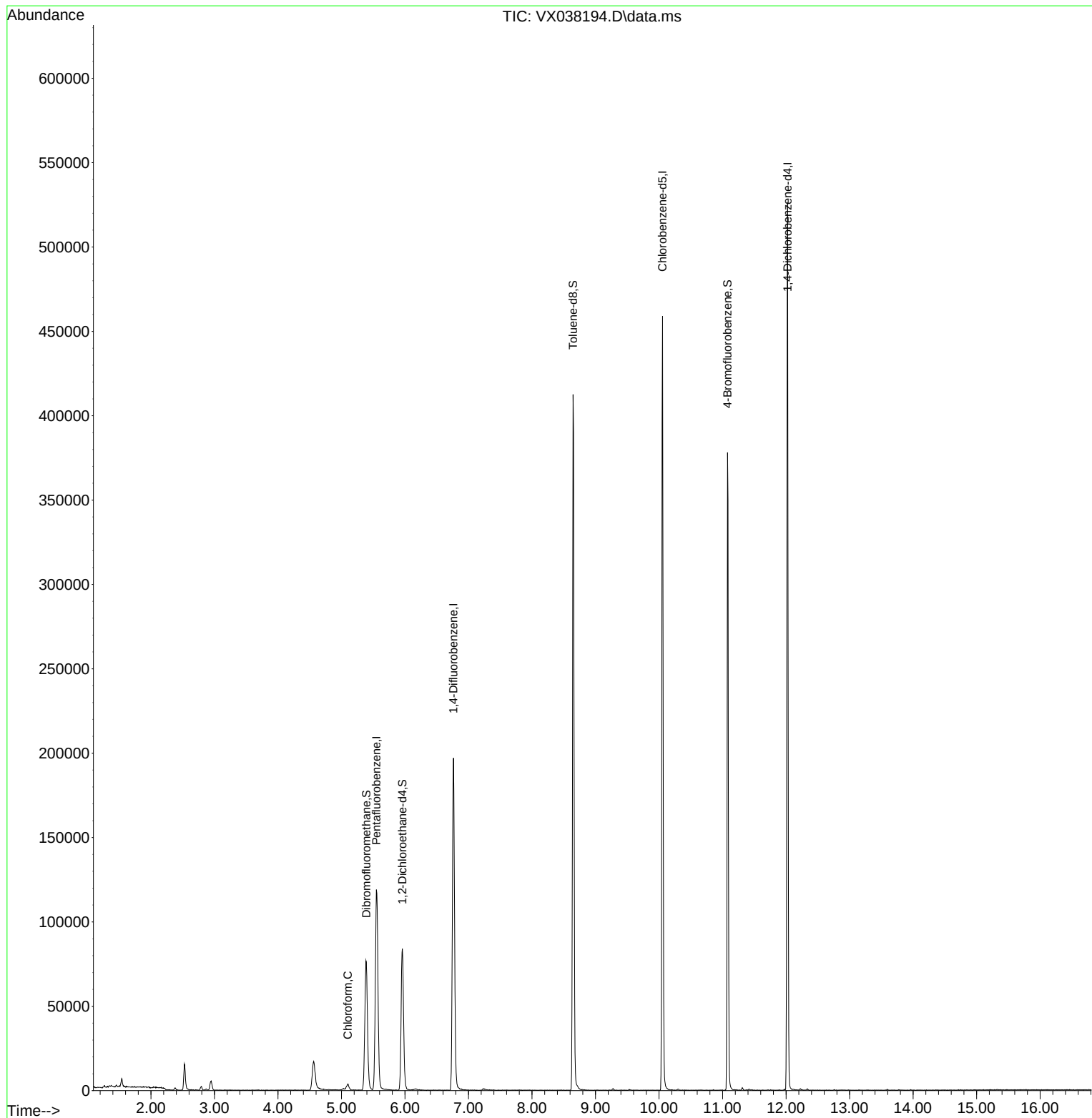
Internal Standards						
1) Pentafluorobenzene	5.550	168	111261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82436	46.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.391	113	65783	45.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	252033	45.841	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.680%#
62) 4-Bromofluorobenzene	11.079	95	93966	45.082	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
					Qvalue	
30) Chloroform	5.098	83	4157	1.641	ug/l	93

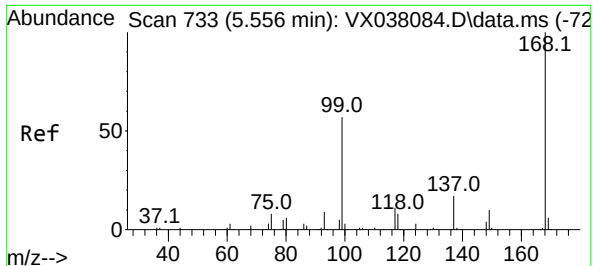
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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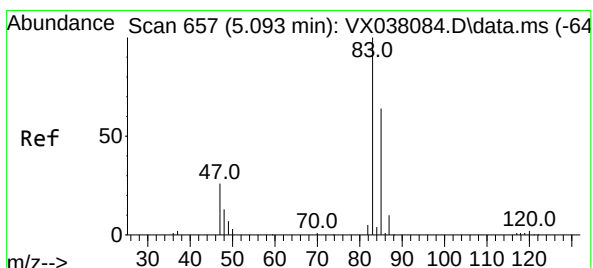
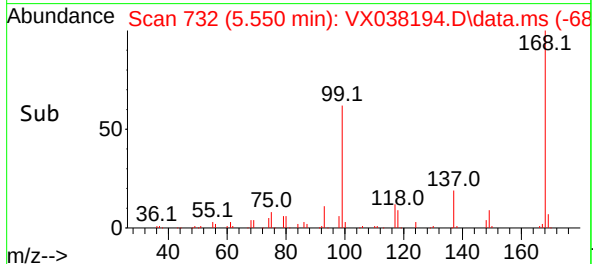
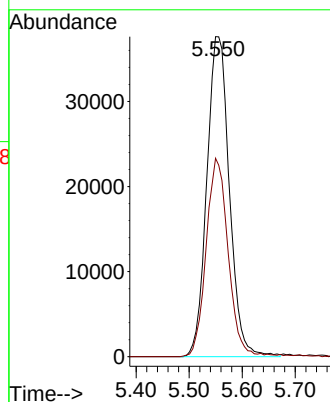
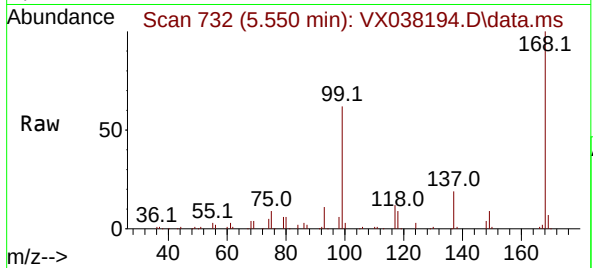




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038194.D
Acq: 10 Oct 2023 12:27

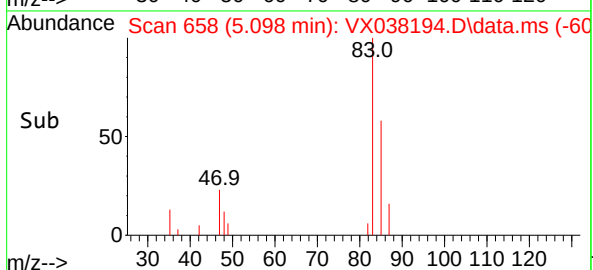
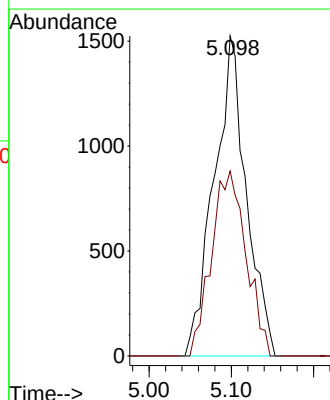
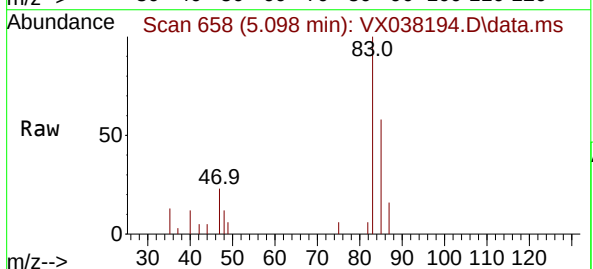
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20231004

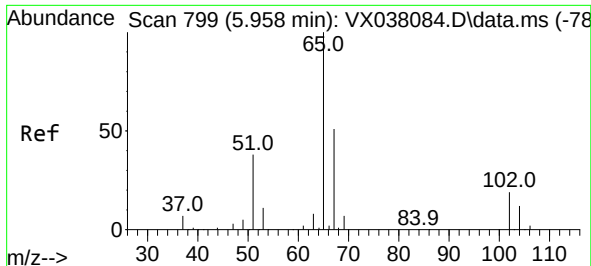
Tgt Ion:168 Resp: 111261
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#30
Chloroform
Concen: 1.641 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.005 min
Lab File: VX038194.D
Acq: 10 Oct 2023 12:27

Tgt Ion: 83 Resp: 4157
Ion Ratio Lower Upper
83 100
85 57.8 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 46.065 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038194.D

Acq: 10 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

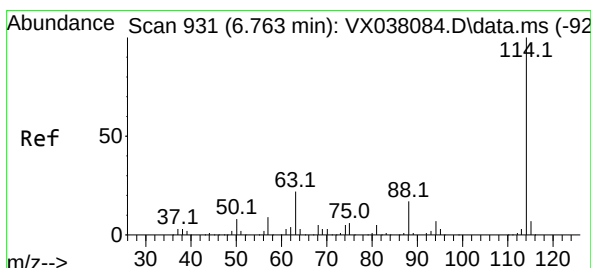
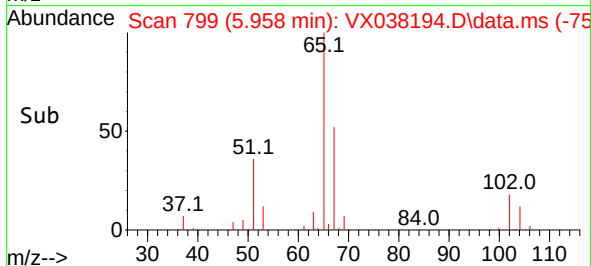
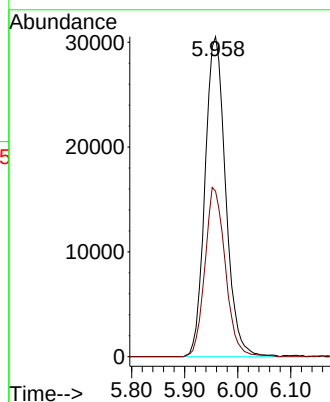
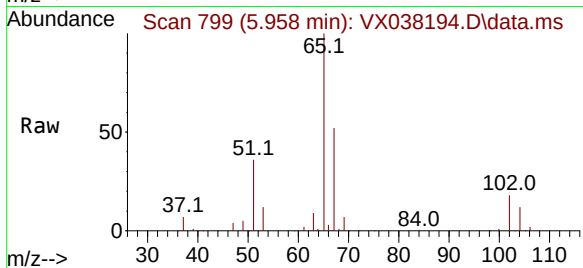
BP-VPB-RW10A-TB-20231004

Tgt Ion: 65 Resp: 82436

Ion Ratio Lower Upper

65 100

67 52.5 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: VX038194.D

Acq: 10 Oct 2023 12:27

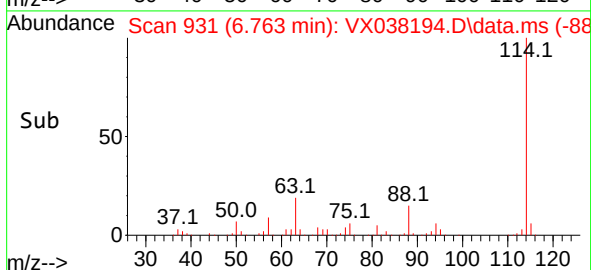
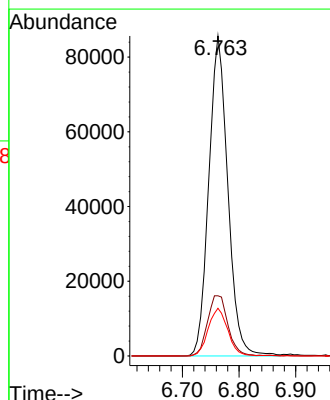
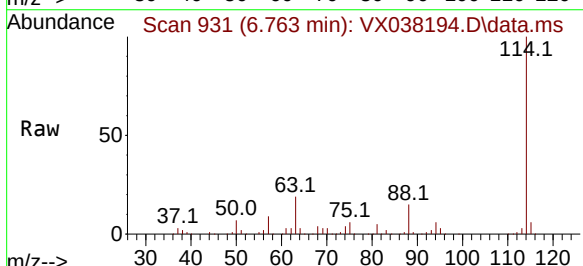
Tgt Ion: 114 Resp: 199677

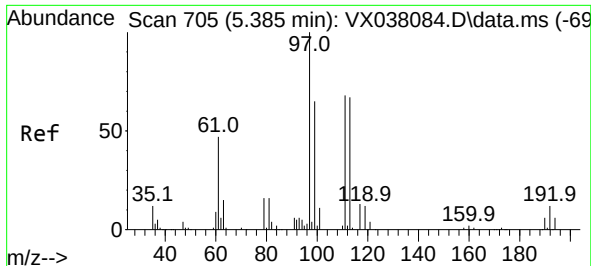
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 14.9 0.0 36.6

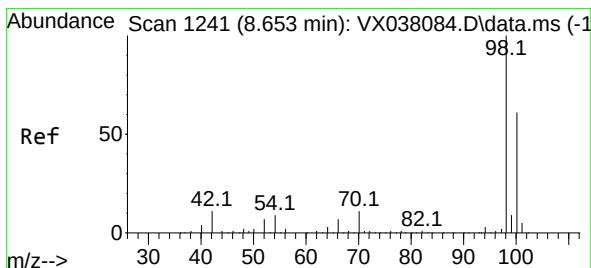
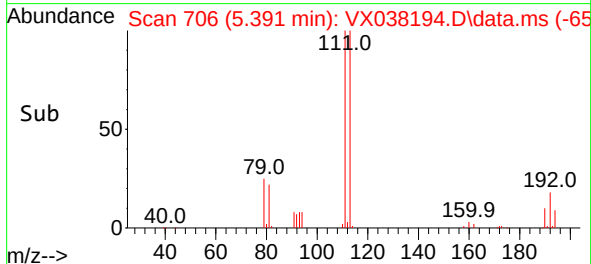
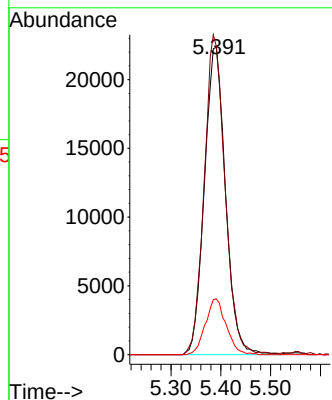
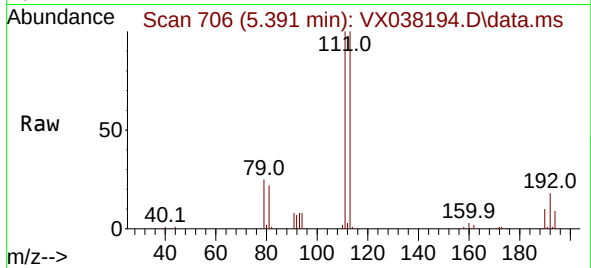




#35
Dibromofluoromethane
Concen: 45.721 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038194.D
Acq: 10 Oct 2023 12:27

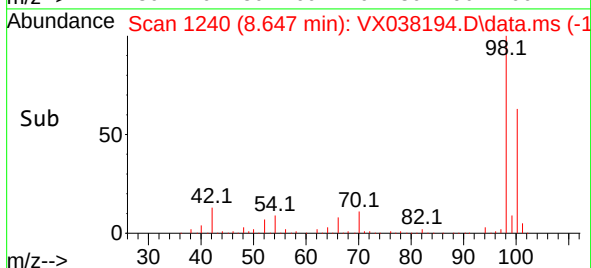
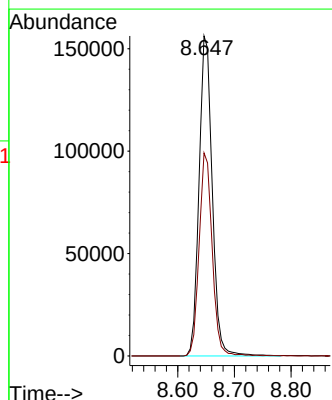
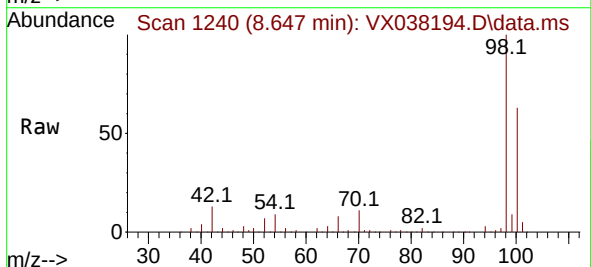
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20231004

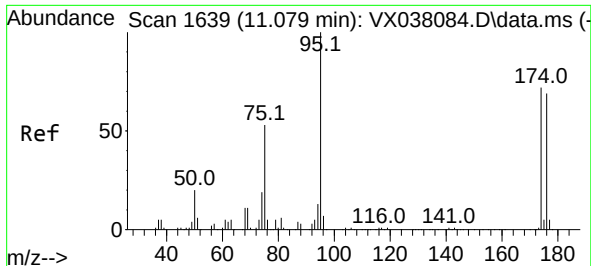
Tgt Ion:113 Resp: 65783
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.9 13.3 19.9



#50
Toluene-d8
Concen: 45.841 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038194.D
Acq: 10 Oct 2023 12:27

Tgt Ion: 98 Resp: 252033
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.082 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038194.D

Acq: 10 Oct 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-TB-20231004

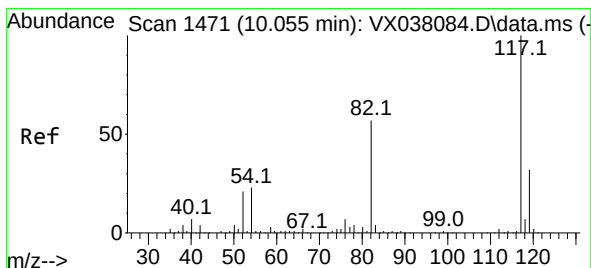
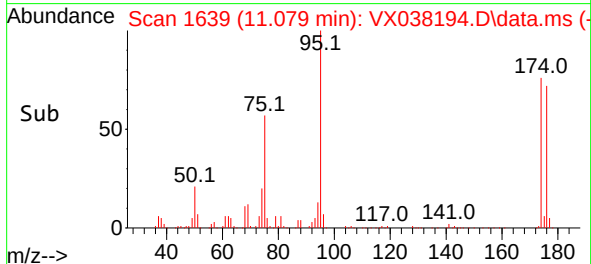
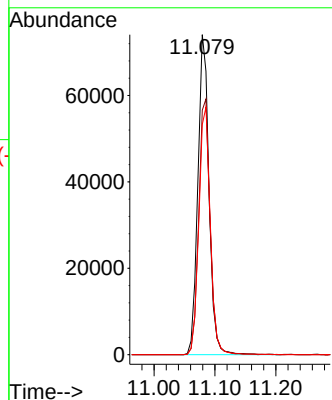
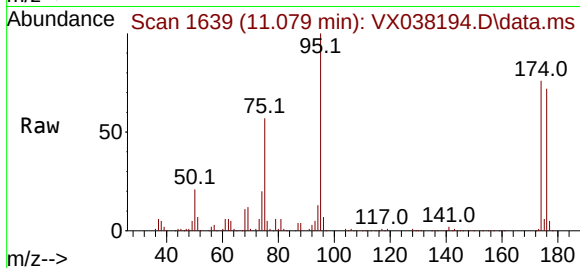
Tgt Ion: 95 Resp: 93966

Ion Ratio Lower Upper

95 100

174 81.9 0.0 135.6

176 79.8 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: VX038194.D

Acq: 10 Oct 2023 12:27

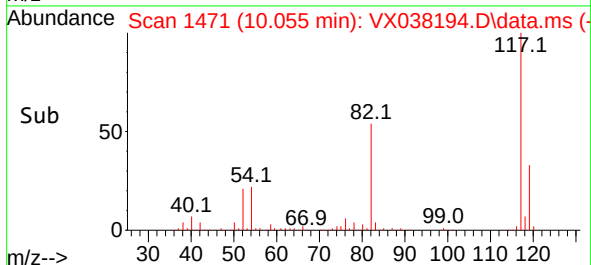
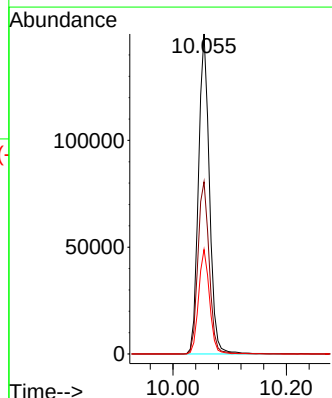
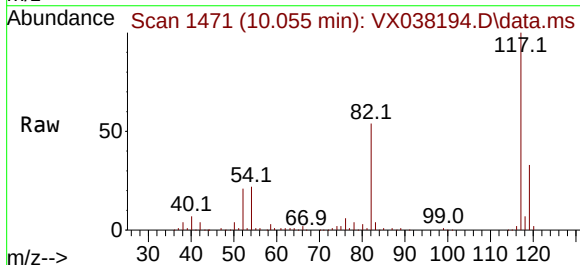
Tgt Ion: 117 Resp: 200911

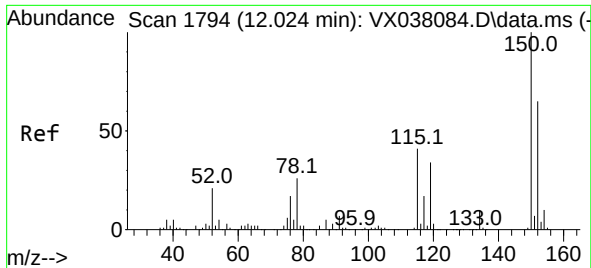
Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

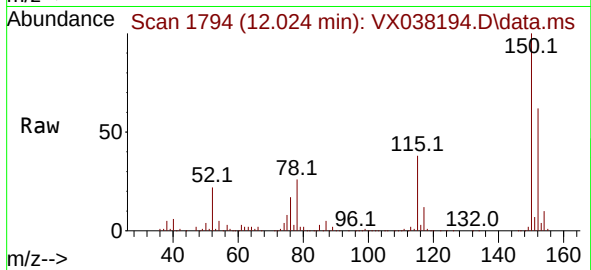
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038194.D
 Acq: 10 Oct 2023 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-TB-20231004



Tgt Ion:152 Resp: 106642
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 158.6 0.0 345.0

