

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038169.D
 Acq On : 09 Oct 2023 14:14
 Operator : JC/MD
 Sample : 04810-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 10 00:56:14 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)

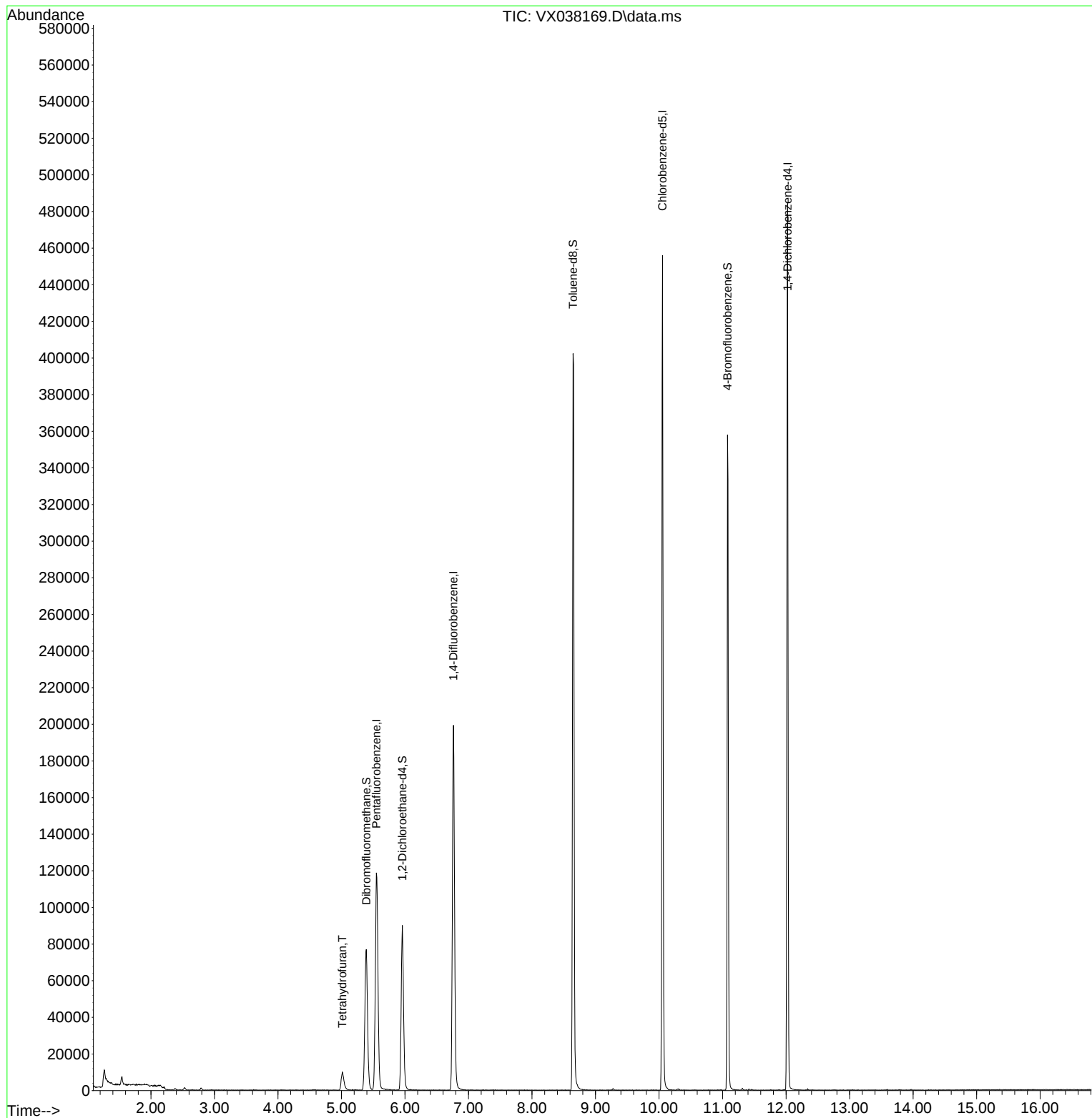
Internal Standards						
1) Pentafluorobenzene	5.550	168	111504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83573	46.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.200%
35) Dibromofluoromethane	5.391	113	65977	45.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	249383	44.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.560%#
62) 4-Bromofluorobenzene	11.079	95	91025	43.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.240%
Target Compounds						
29) Tetrahydrofuran	5.013	42	8706	11.072	ug/l	Qvalue 96

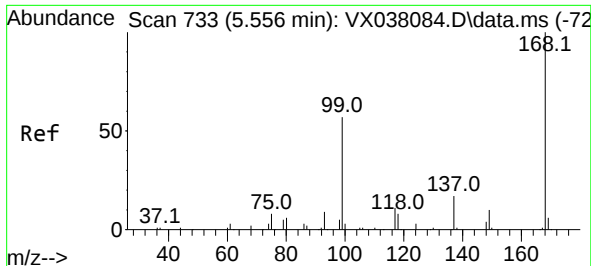
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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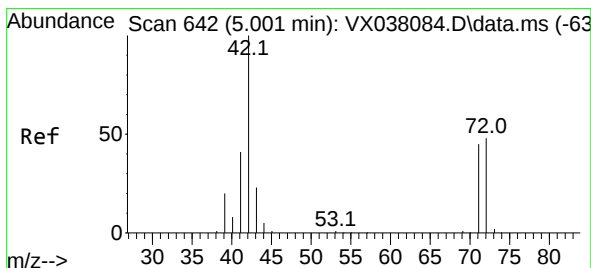
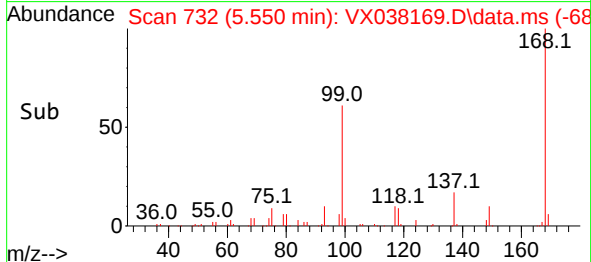
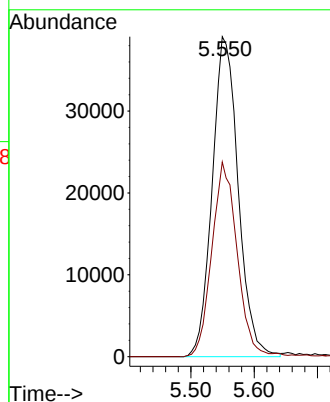
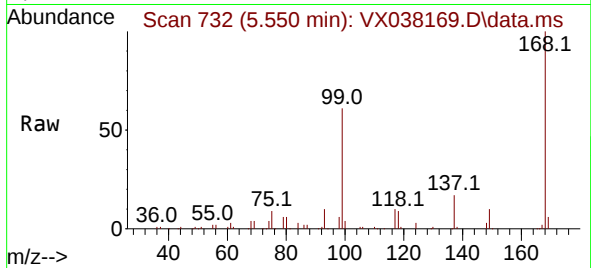




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

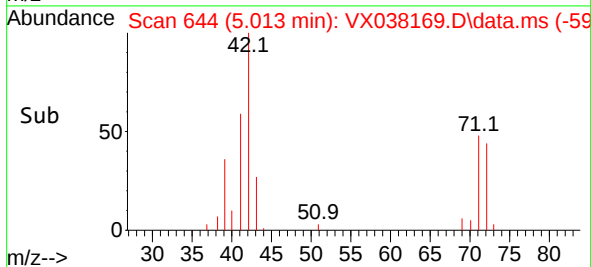
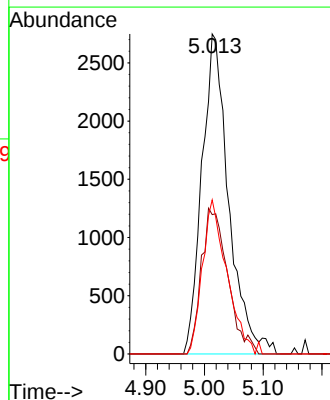
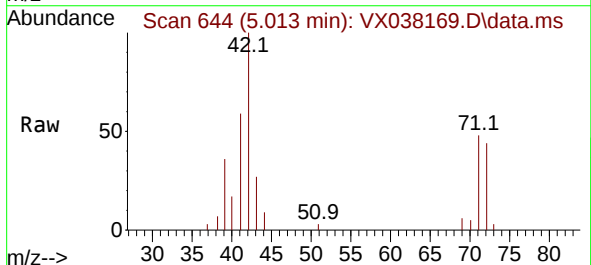
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

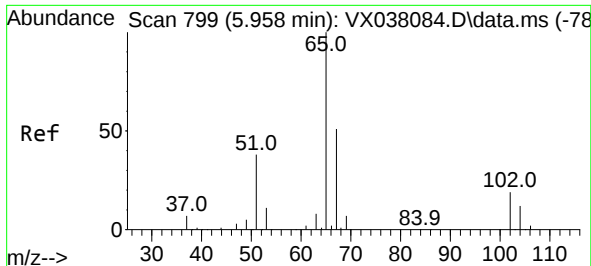
Tgt Ion:168 Resp: 111504
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#29
Tetrahydrofuran
Concen: 11.072 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.012 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 42 Resp: 8706
Ion Ratio Lower Upper
42 100
72 44.7 34.2 51.4
71 43.7 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 46.598 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038169.D

Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

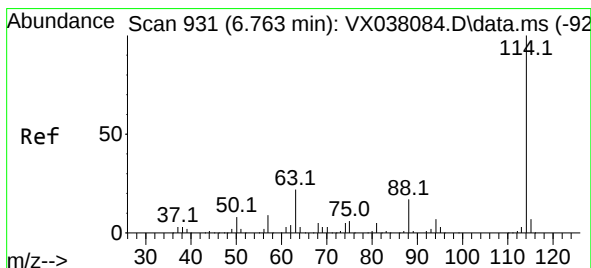
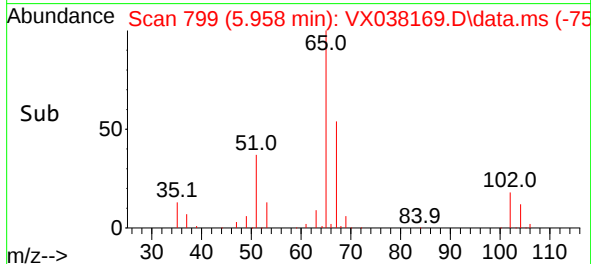
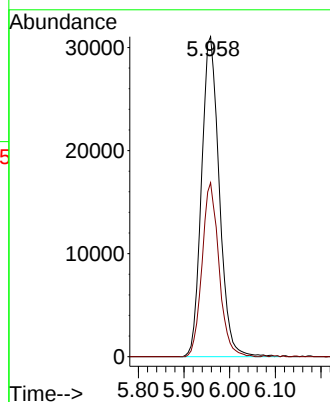
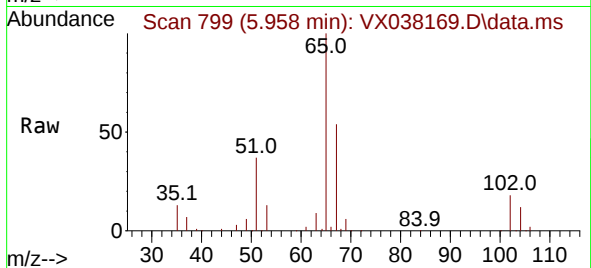
BP-VPB-RW10A-EB-20231004

Tgt Ion: 65 Resp: 83573

Ion Ratio Lower Upper

65 100

67 51.9 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: VX038169.D

Acq: 09 Oct 2023 14:14

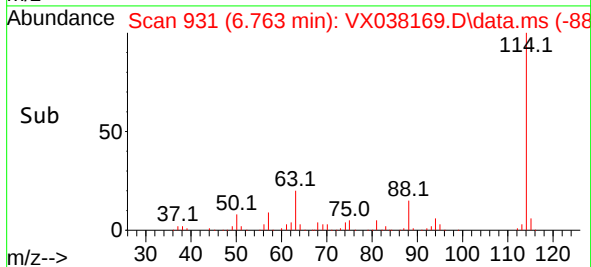
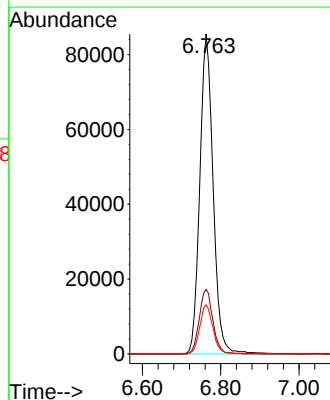
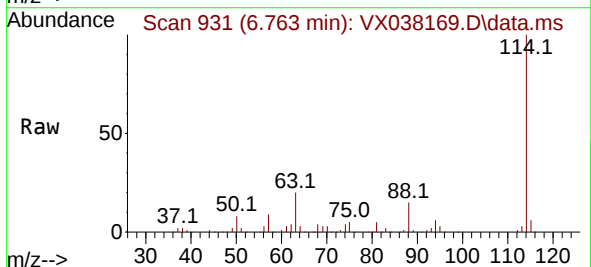
Tgt Ion: 114 Resp: 202240

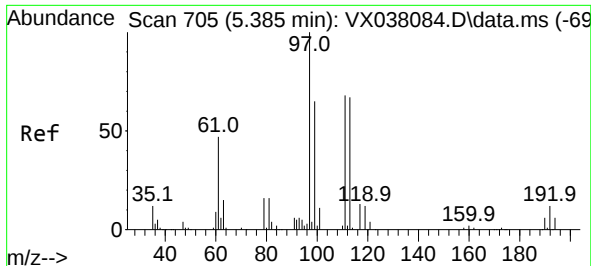
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.275 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038169.D

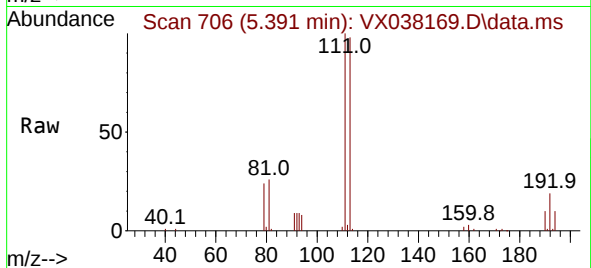
Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-EB-20231004



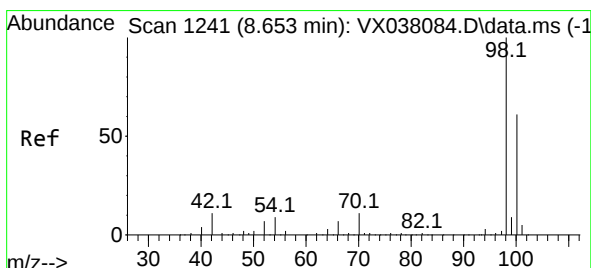
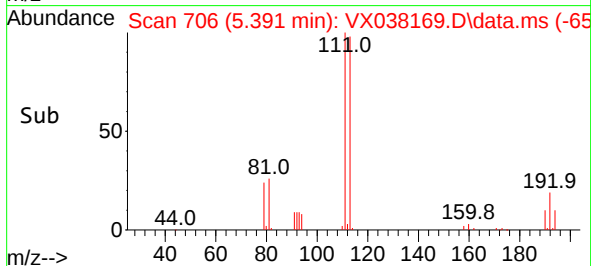
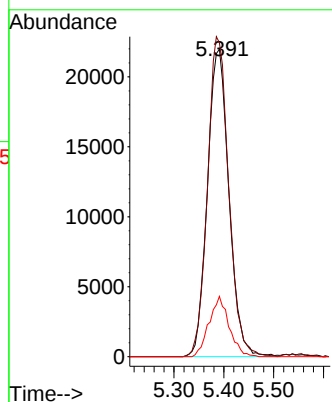
Tgt Ion:113 Resp: 65977

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 18.2 13.3 19.9



#50

Toluene-d8

Concen: 44.784 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038169.D

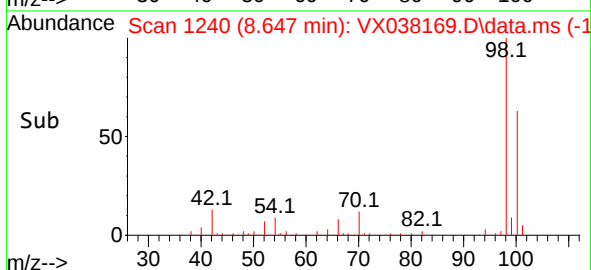
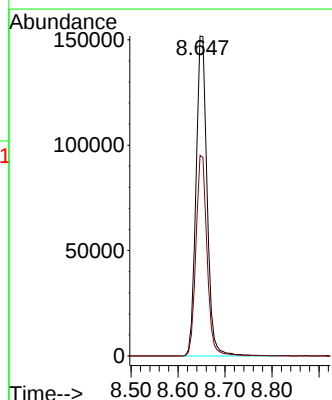
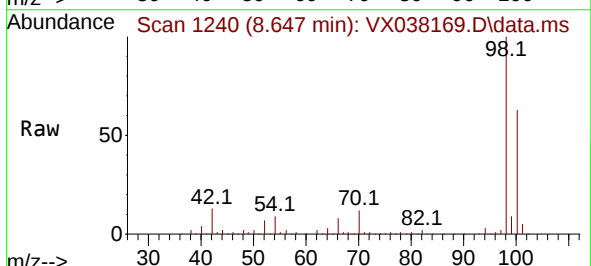
Acq: 09 Oct 2023 14:14

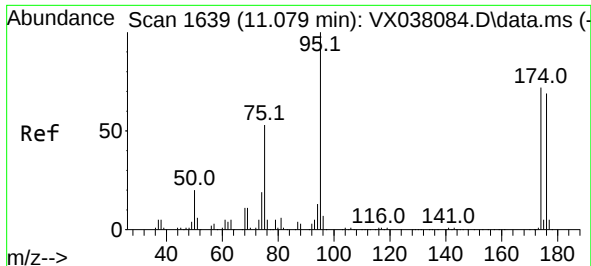
Tgt Ion: 98 Resp: 249383

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7

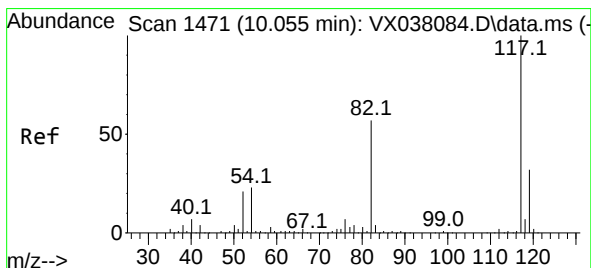
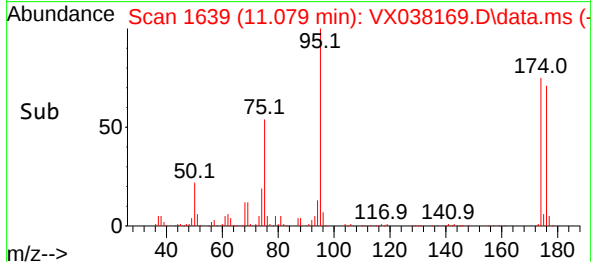
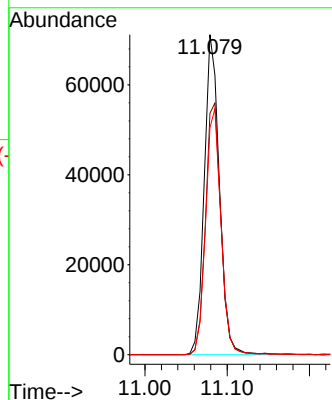
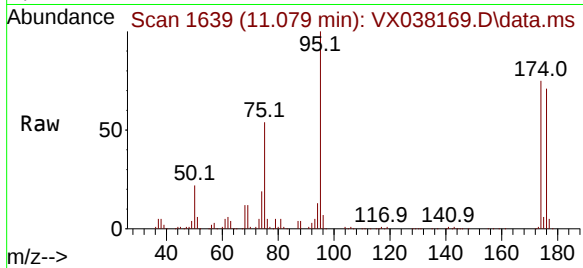




#62
4-Bromofluorobenzene
Concen: 43.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

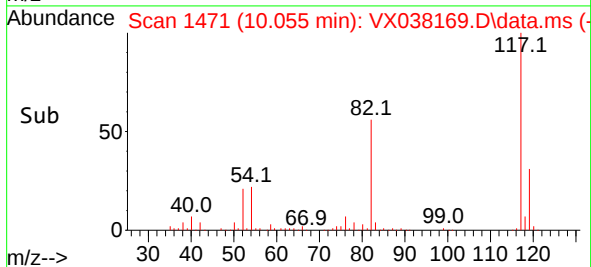
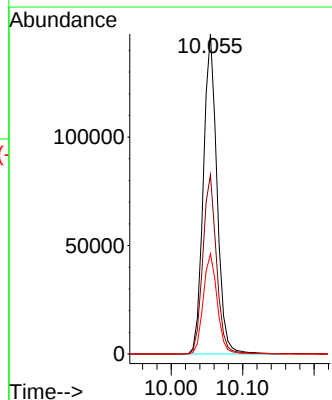
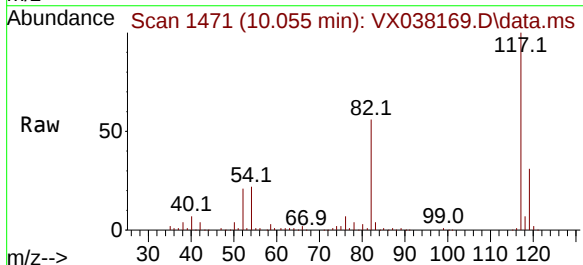
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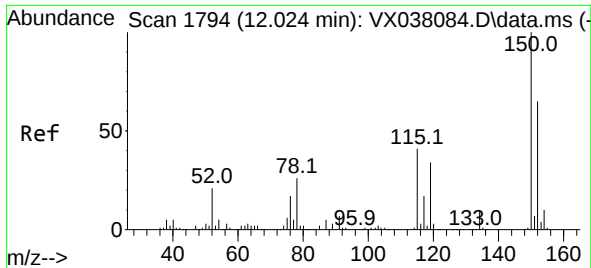
Tgt Ion: 95 Resp: 91025
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 77.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 117 Resp: 195661
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.3 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: VX038169.D

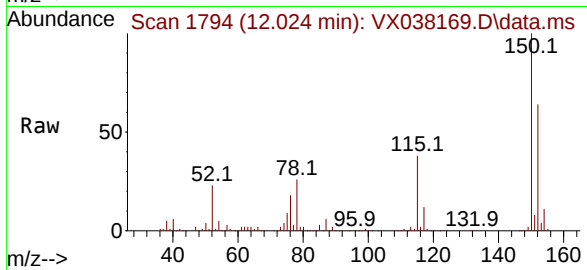
Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-EB-20231004



Tgt Ion:152 Resp: 97802

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 155.7 0.0 345.0

