

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039779.D
 Acq On : 16 Jan 2024 17:02
 Operator : JC/MD
 Sample : P1149-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-98-100

Quant Time: Jan 17 01:51:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

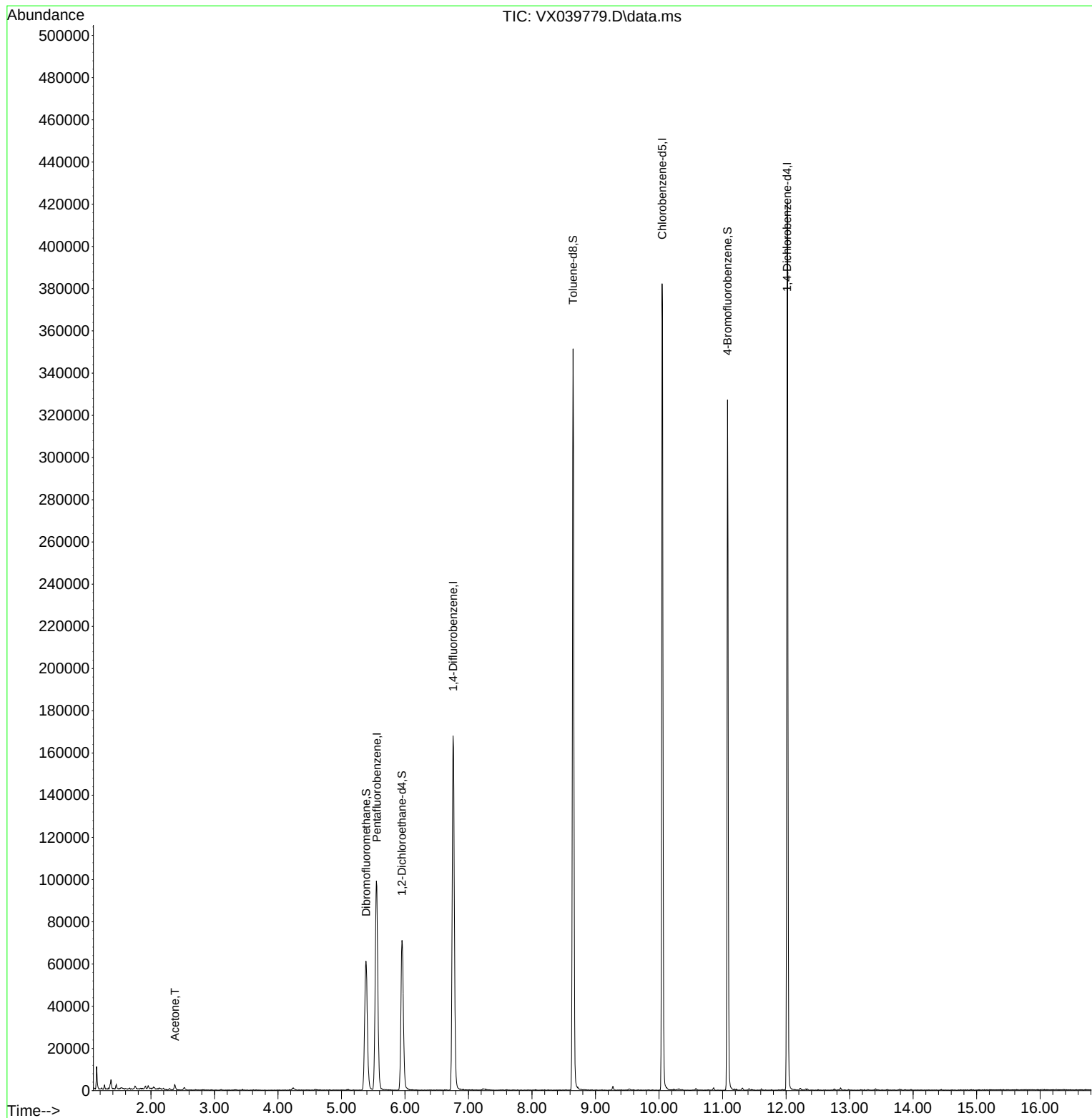
Internal Standards						
1) Pentafluorobenzene	5.556	168	88709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	166156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69426	46.720	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.440%
35) Dibromofluoromethane	5.385	113	54179	48.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.647	98	208481	49.014	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	84565	50.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%
Target Compounds						
16) Acetone	2.380	43	2787	3.335	ug/l	Qvalue 100

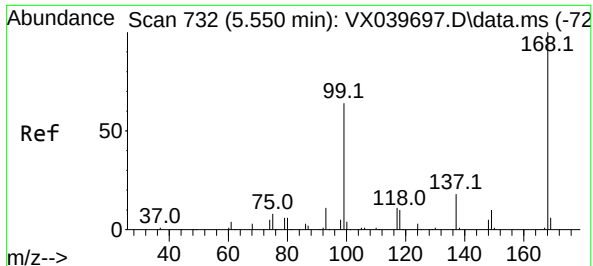
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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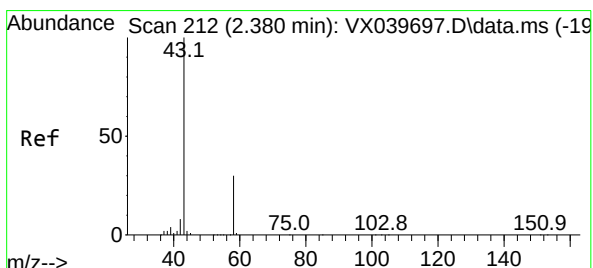
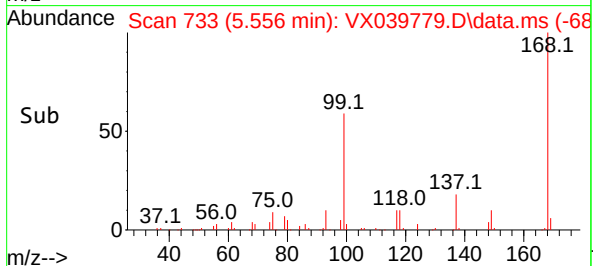
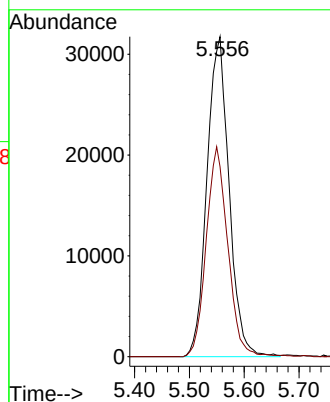
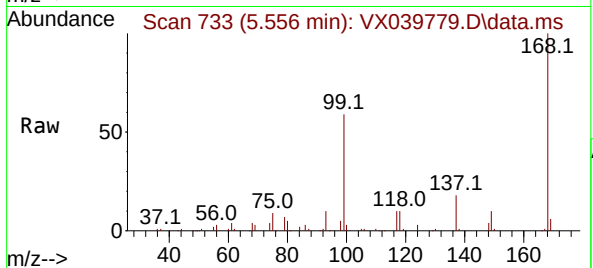




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039779.D
Acq: 16 Jan 2024 17:02

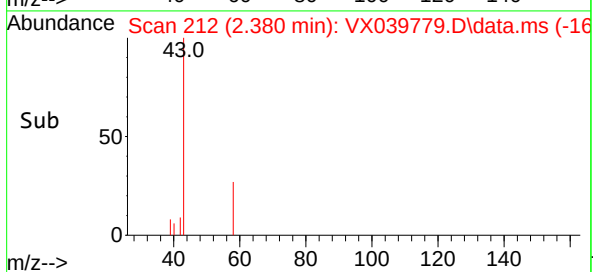
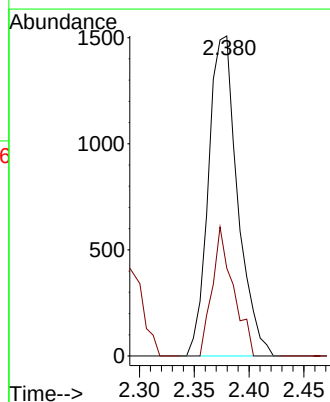
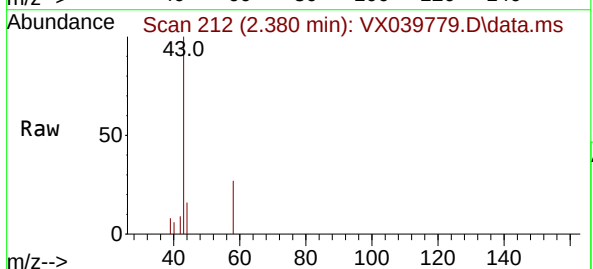
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-98-100

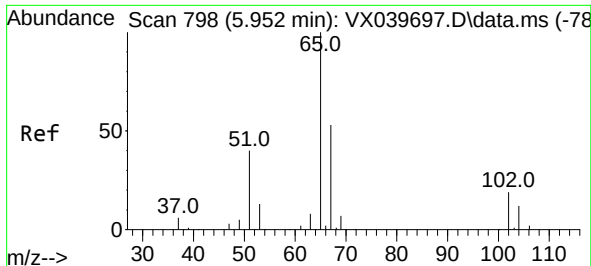
Tgt Ion:168 Resp: 88709
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#16
Acetone
Concen: 3.335 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039779.D
Acq: 16 Jan 2024 17:02

Tgt Ion: 43 Resp: 2787
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 46.720 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039779.D

Acq: 16 Jan 2024 17:02

Instrument :

MSVOA_X

ClientSampleId :

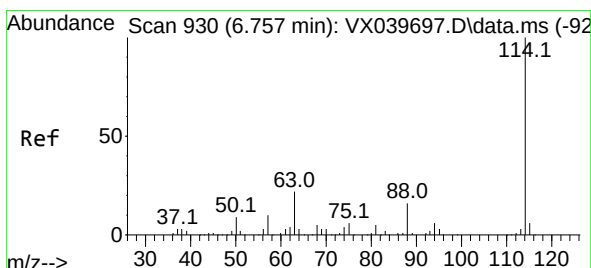
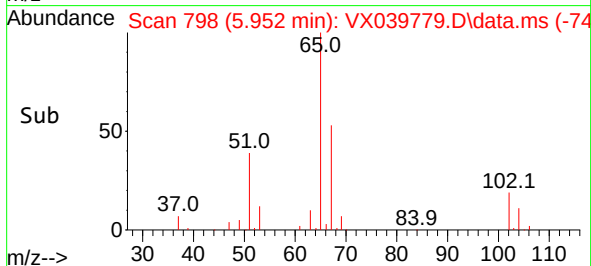
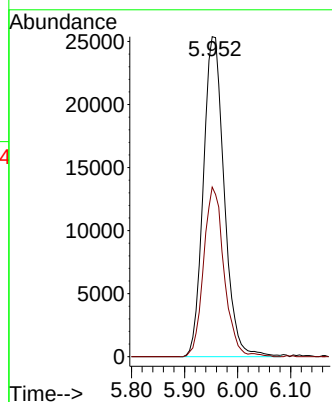
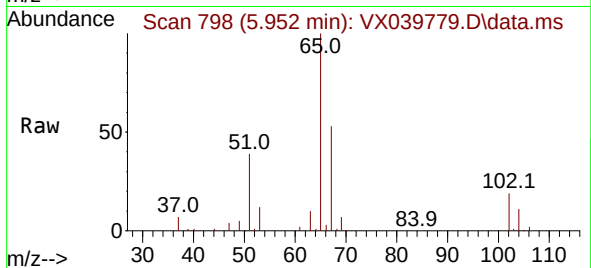
BP-VPB-191-GW-98-100

Tgt Ion: 65 Resp: 69426

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039779.D

Acq: 16 Jan 2024 17:02

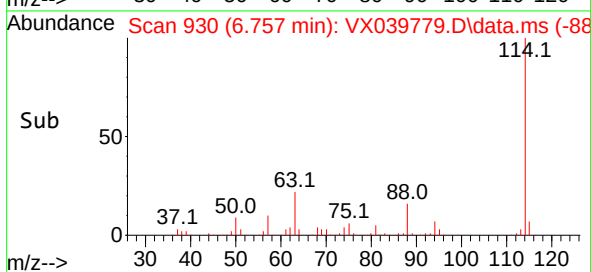
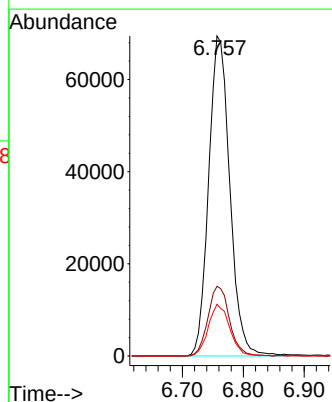
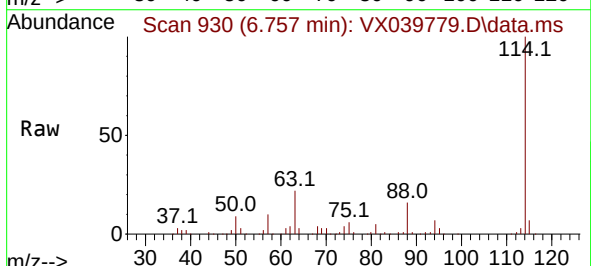
Tgt Ion: 114 Resp: 167439

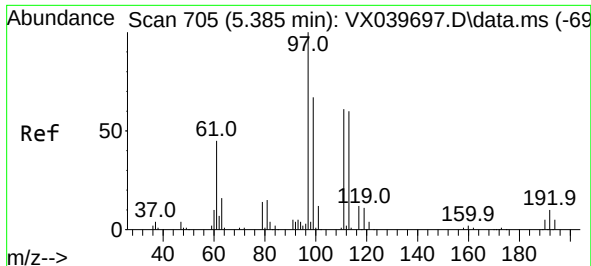
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.041 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039779.D

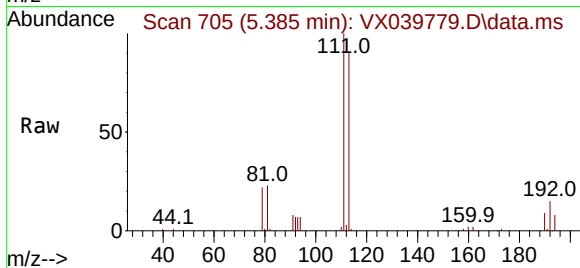
Acq: 16 Jan 2024 17:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-98-100



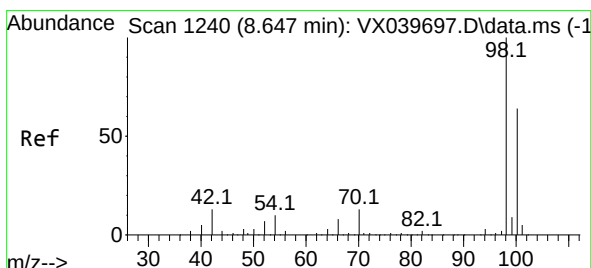
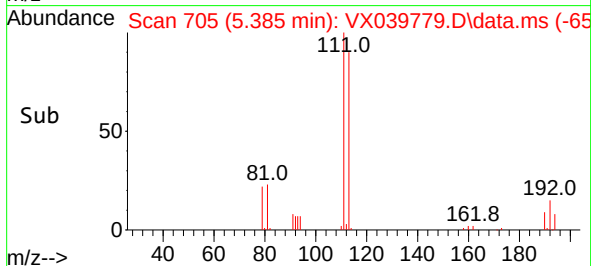
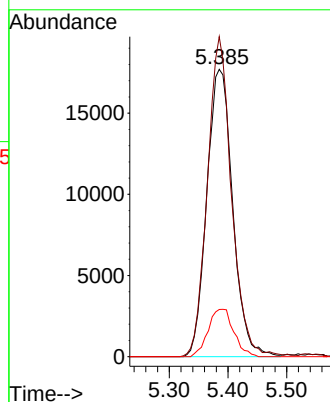
Tgt Ion:113 Resp: 54179

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 16.3 13.3 19.9



#50

Toluene-d8

Concen: 49.014 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039779.D

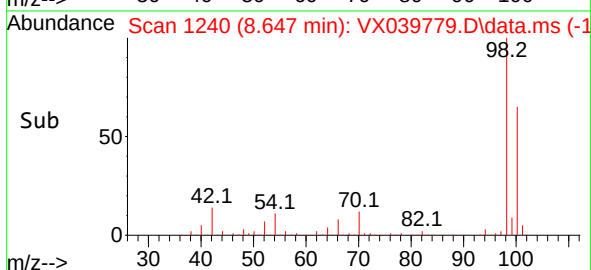
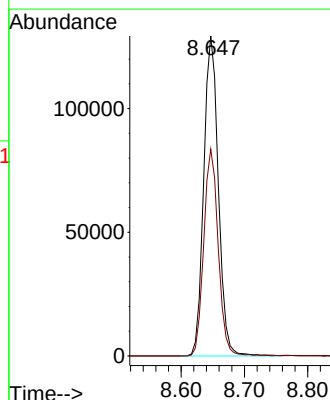
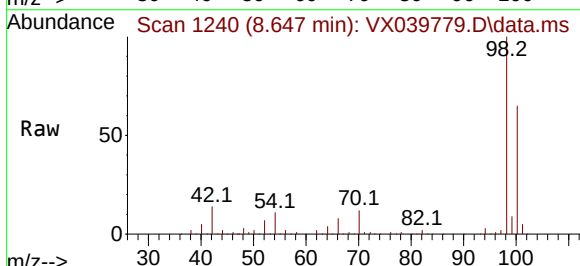
Acq: 16 Jan 2024 17:02

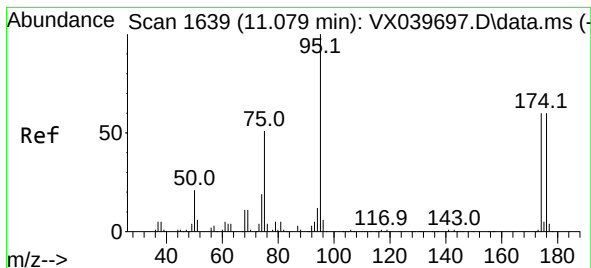
Tgt Ion: 98 Resp: 208481

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

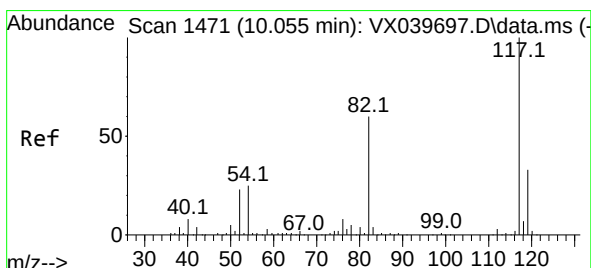
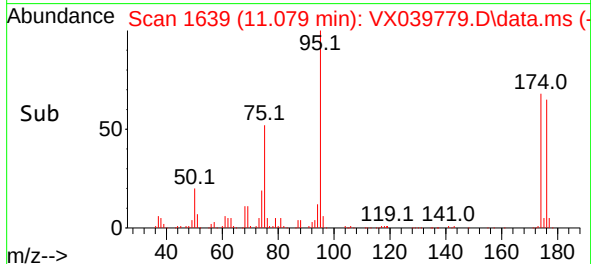
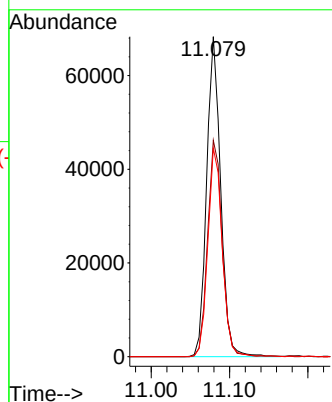
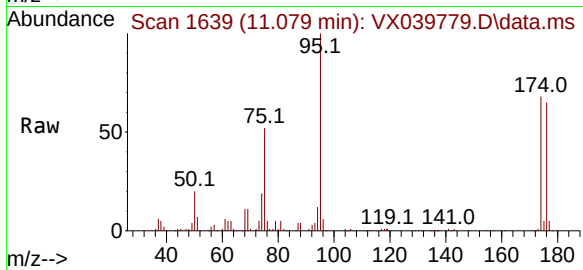




#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039779.D
Acq: 16 Jan 2024 17:02

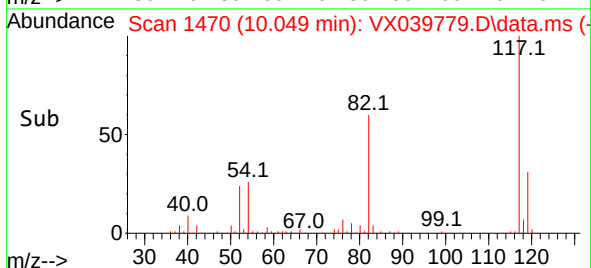
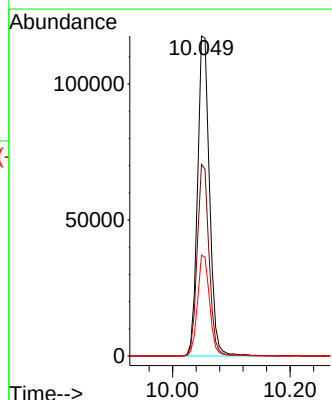
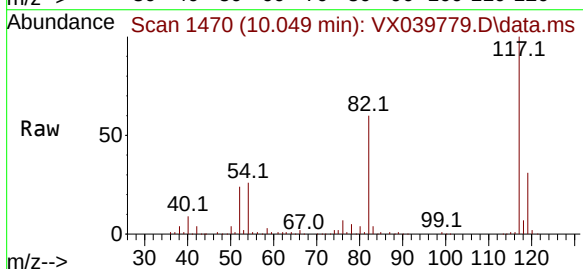
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-98-100

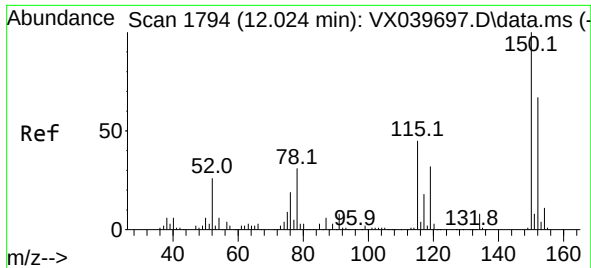
Tgt Ion: 95 Resp: 84565
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 67.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039779.D
Acq: 16 Jan 2024 17:02

Tgt Ion: 117 Resp: 166156
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039779.D

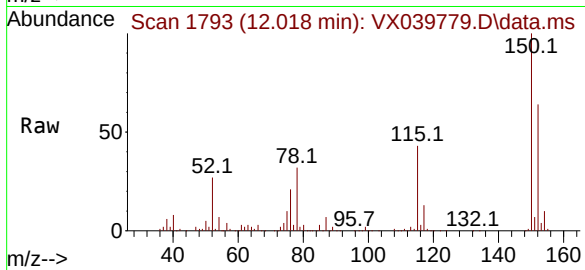
Acq: 16 Jan 2024 17:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-98-100



Tgt Ion:152 Resp: 81504

Ion Ratio Lower Upper

152 100

115 64.6 43.3 129.9

150 156.1 0.0 345.0

