

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048002.D
 Acq On : 03 Oct 2025 17:59
 Operator : JC/MD
 Sample : Q3248-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-660-662

Quant Time: Oct 03 23:53:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

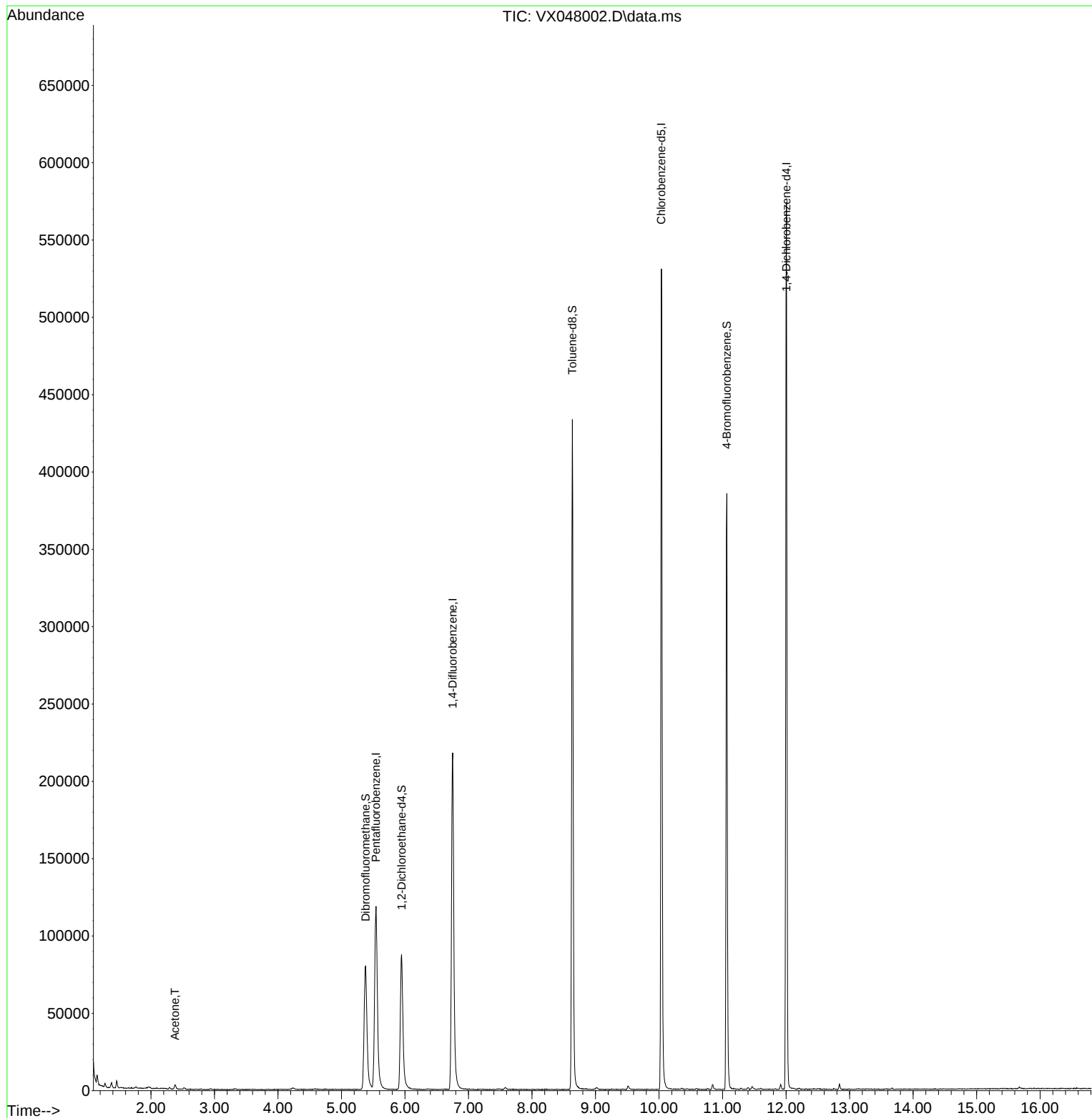
Internal Standards						
1) Pentafluorobenzene	5.544	168	117443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94386	50.490	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.980%
35) Dibromofluoromethane	5.379	113	77636	49.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	8.635	98	264913	48.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.067	95	111863	53.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.000%
Target Compounds						
16) Acetone	2.380	43	4007	4.930	ug/l	Qvalue 100

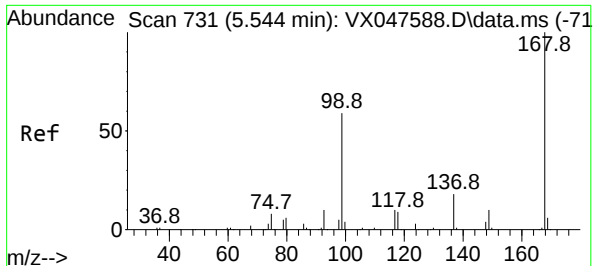
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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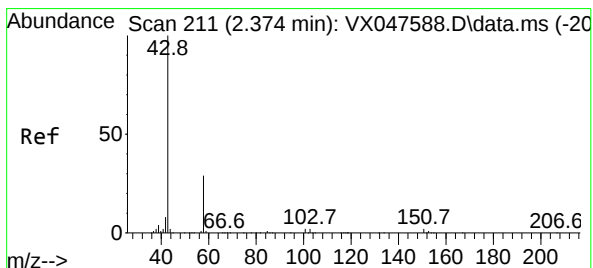
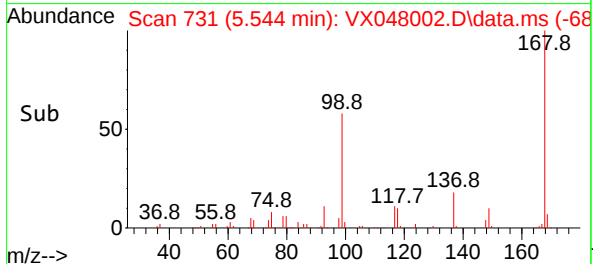
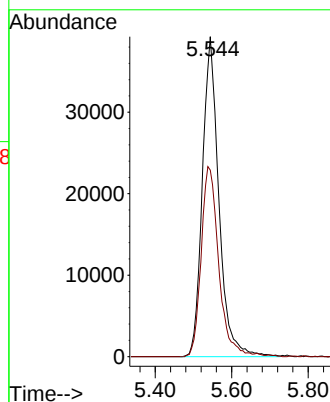
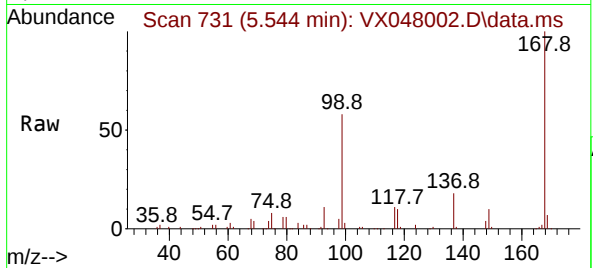




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

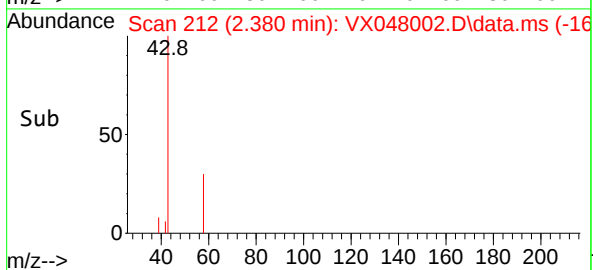
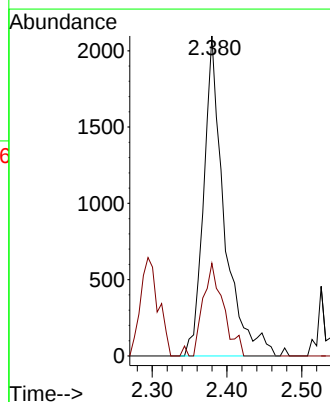
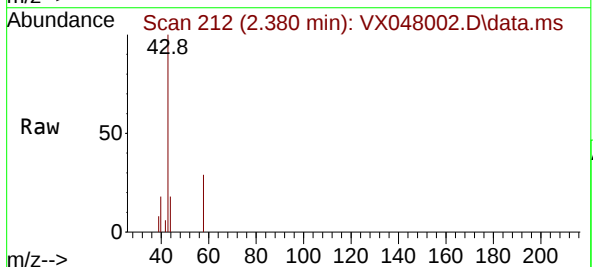
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-660-662

Tgt Ion:168 Resp: 117443
Ion Ratio Lower Upper
168 100
99 58.3 48.8 73.2



#16
Acetone
Concen: 4.930 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Tgt Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
58 28.9 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 50.490 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048002.D

Acq: 03 Oct 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

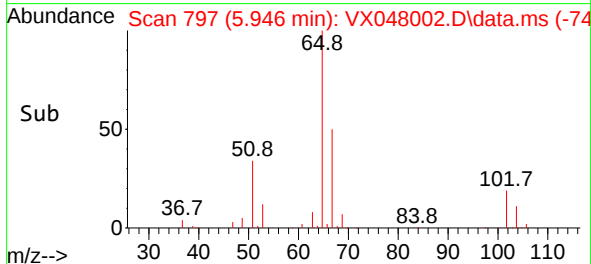
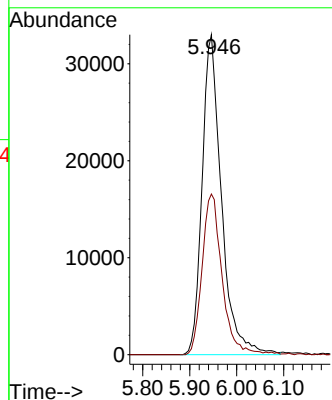
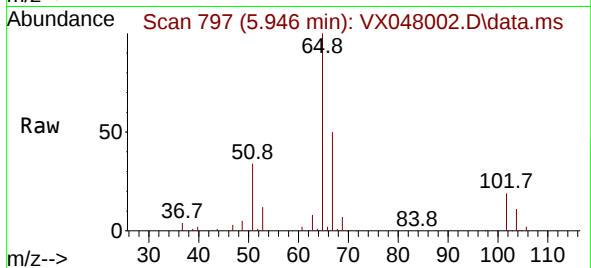
BP-VPB-184-GW-660-662

Tgt Ion: 65 Resp: 94386

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048002.D

Acq: 03 Oct 2025 17:59

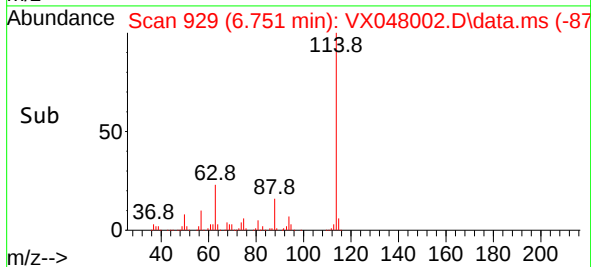
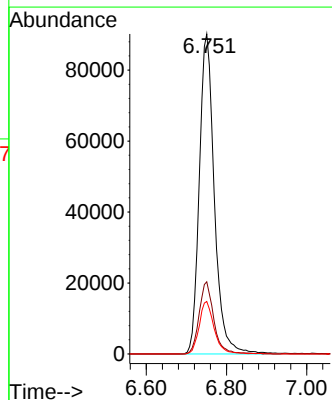
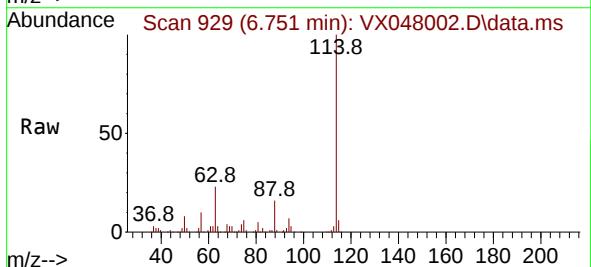
Tgt Ion: 114 Resp: 235229

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.212 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048002.D

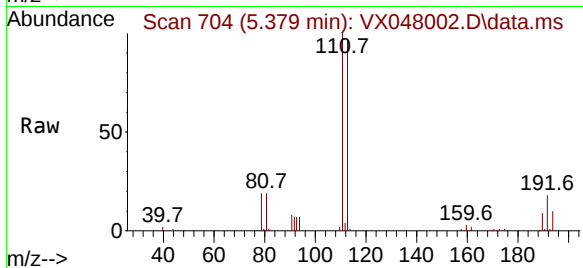
Acq: 03 Oct 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-660-662



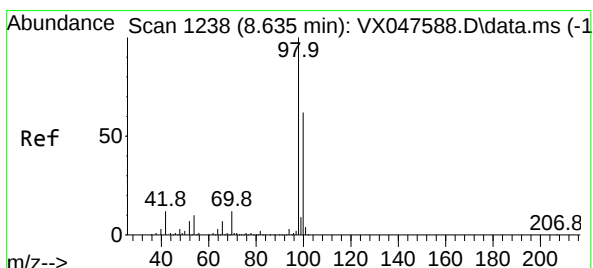
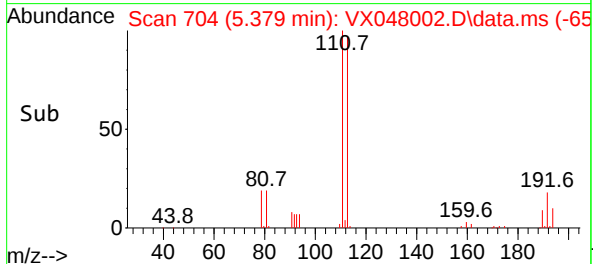
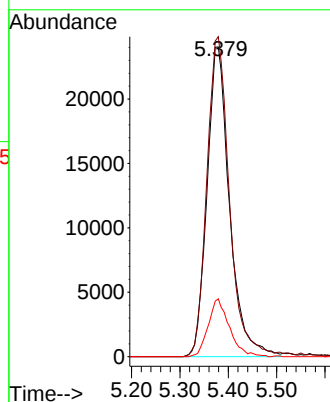
Tgt Ion:113 Resp: 77636

Ion Ratio Lower Upper

113 100

111 104.4 80.9 121.3

192 17.7 14.2 21.4



#50

Toluene-d8

Concen: 48.530 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048002.D

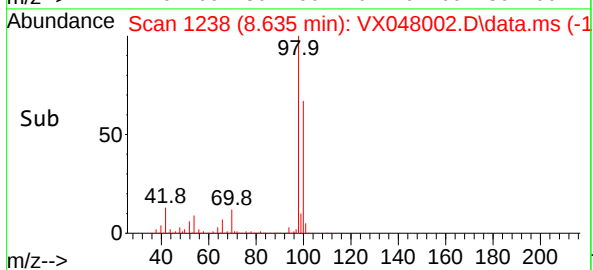
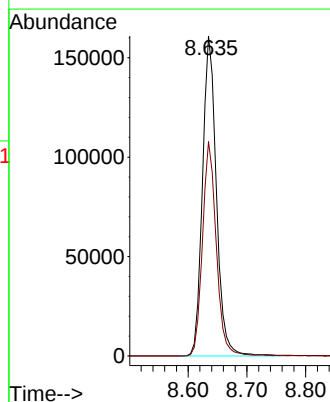
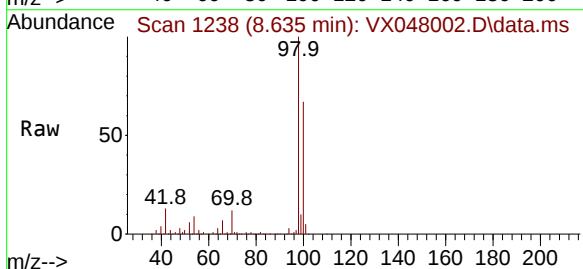
Acq: 03 Oct 2025 17:59

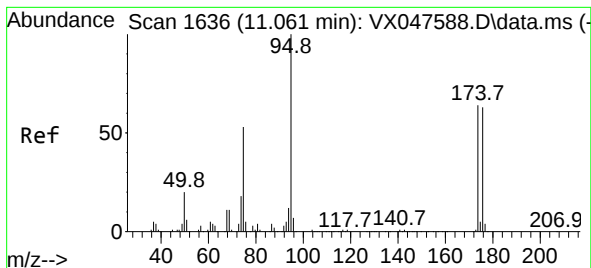
Tgt Ion: 98 Resp: 264913

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

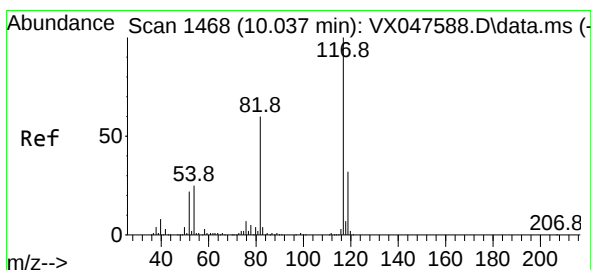
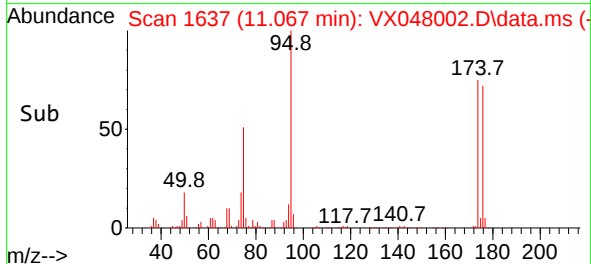
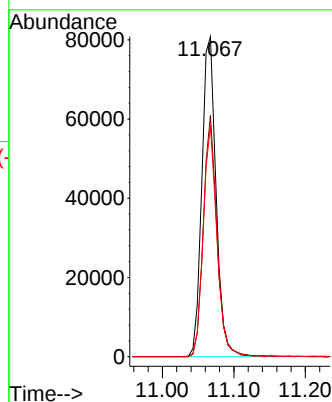
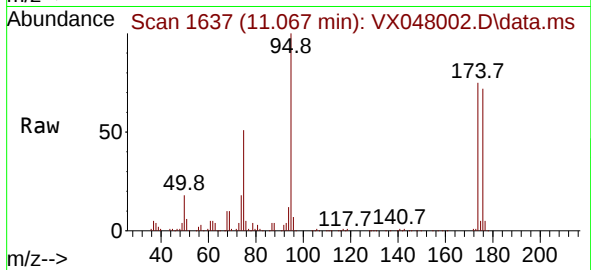




#62
4-Bromofluorobenzene
Concen: 53.996 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

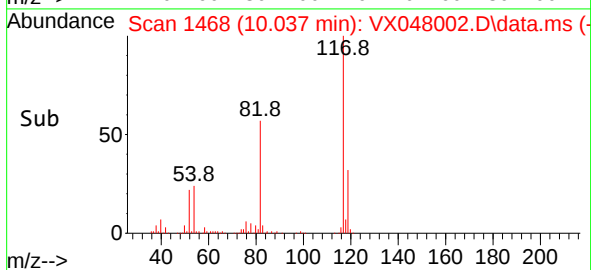
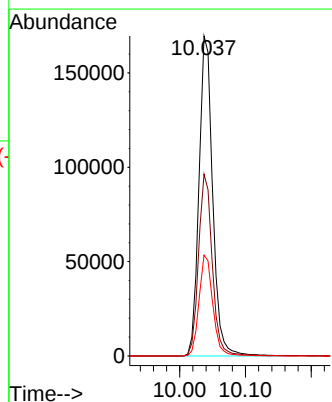
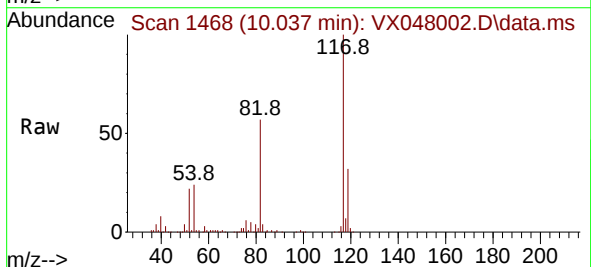
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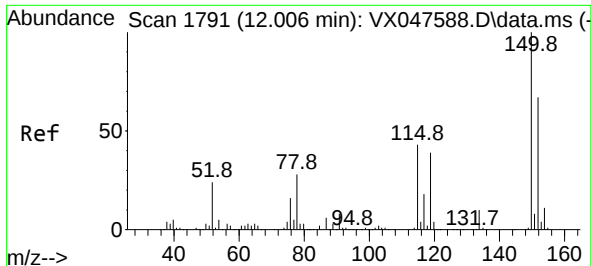
Tgt Ion: 95 Resp: 111863
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048002.D
Acq: 03 Oct 2025 17:59

Tgt Ion: 117 Resp: 244995
Ion Ratio Lower Upper
117 100
82 56.8 47.8 71.6
119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048002.D

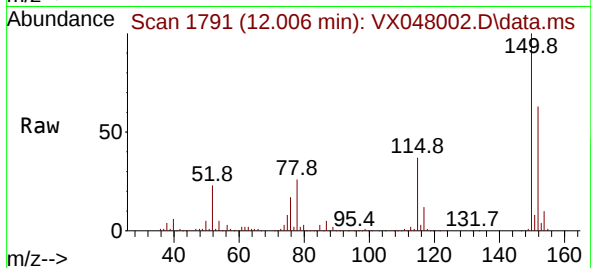
Acq: 03 Oct 2025 17:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-660-662



Tgt Ion:152 Resp: 118155

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 159.2 0.0 352.0

