

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048298.D
 Acq On : 22 Oct 2025 15:09
 Operator : JC/MD
 Sample : Q3373-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 24 05:55:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

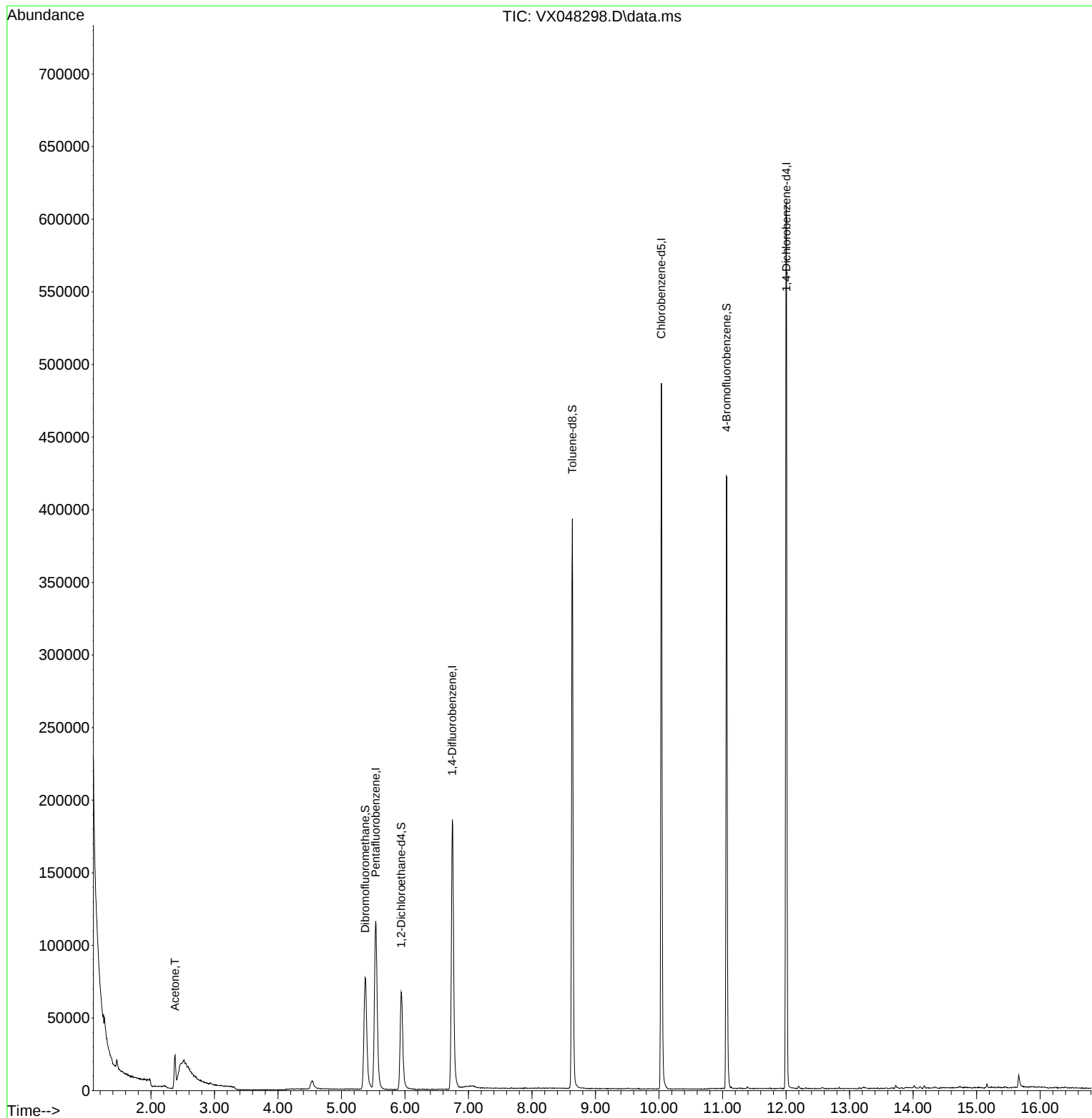
Internal Standards						
1) Pentafluorobenzene	5.538	168	120615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	206915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	75377	44.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.140%
35) Dibromofluoromethane	5.373	113	76126	53.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.780%
50) Toluene-d8	8.635	98	243271	49.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.061	95	121217	64.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.700%#
Target Compounds						
16) Acetone	2.380	43	27920	48.126	ug/l	Qvalue 93

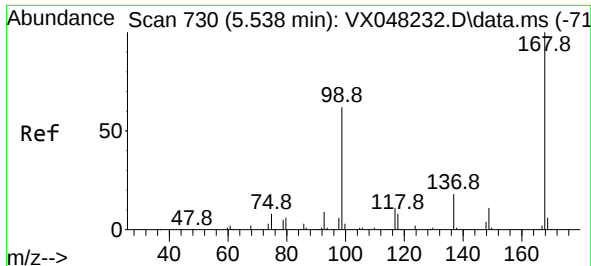
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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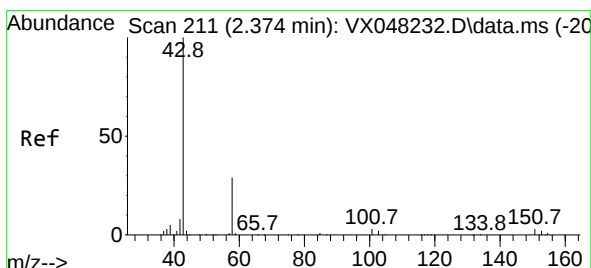
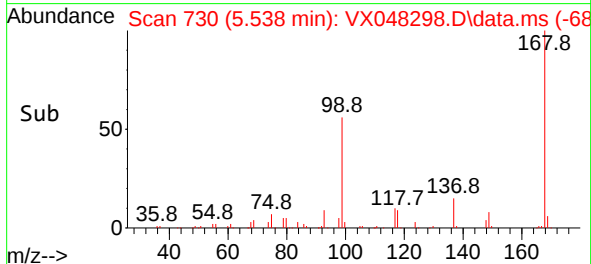
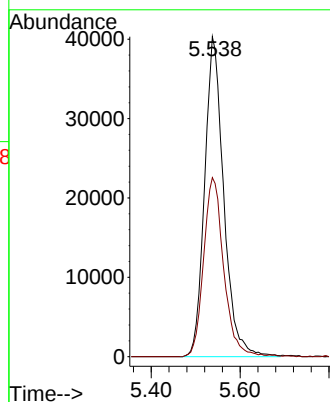
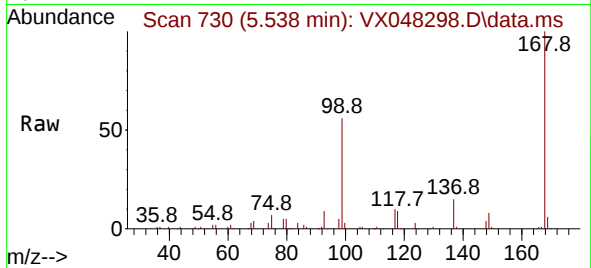




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

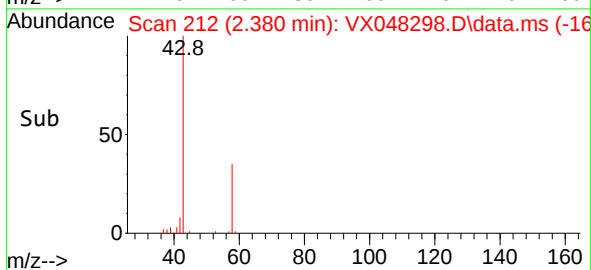
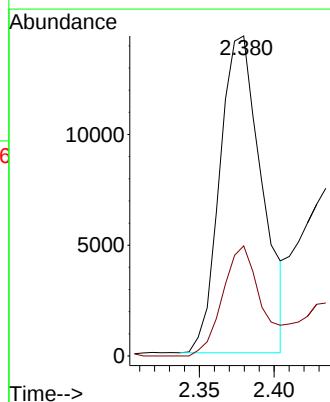
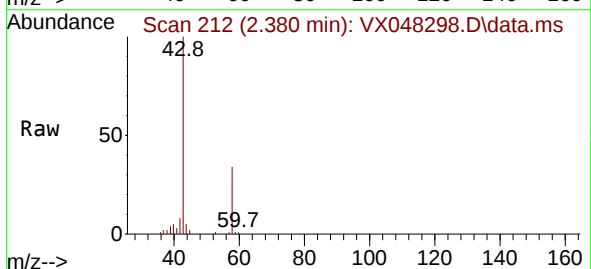
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

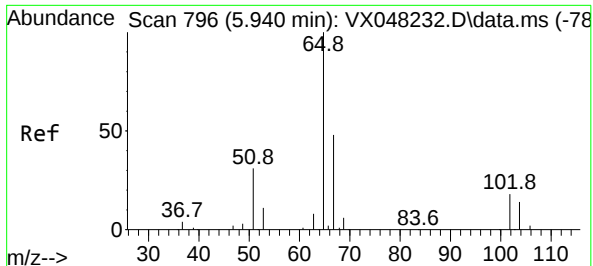
Tgt Ion:168 Resp: 120615
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#16
Acetone
Concen: 48.126 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 43 Resp: 27920
Ion Ratio Lower Upper
43 100
58 33.0 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 44.573 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048298.D

Acq: 22 Oct 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

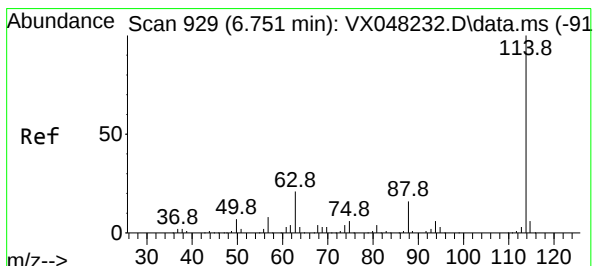
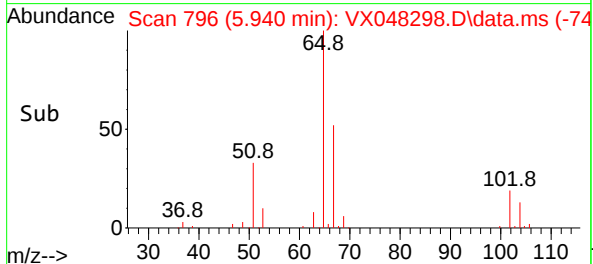
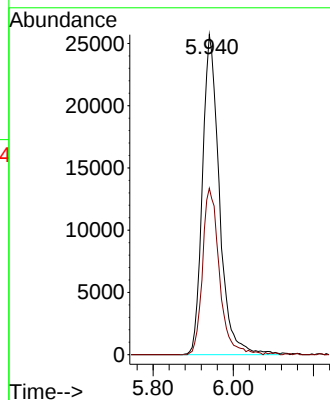
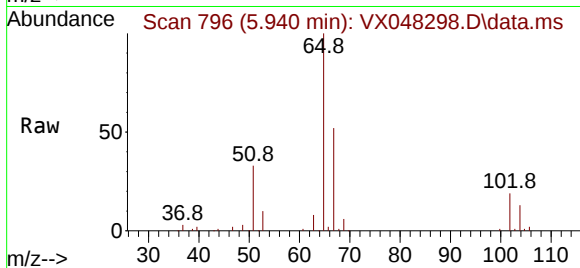
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 75377

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048298.D

Acq: 22 Oct 2025 15:09

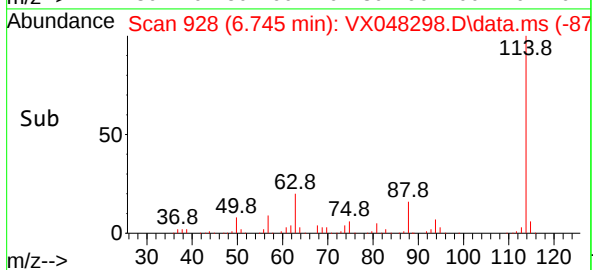
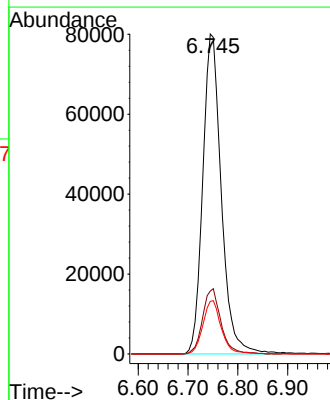
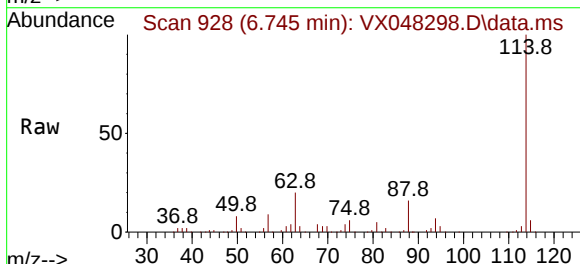
Tgt Ion: 114 Resp: 206915

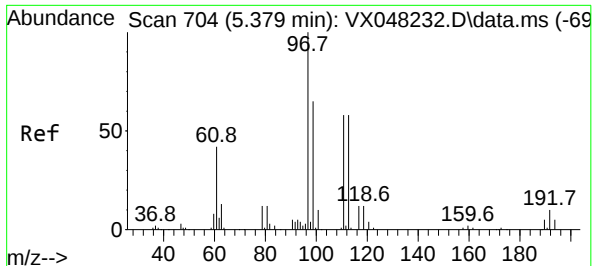
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.891 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048298.D

Acq: 22 Oct 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

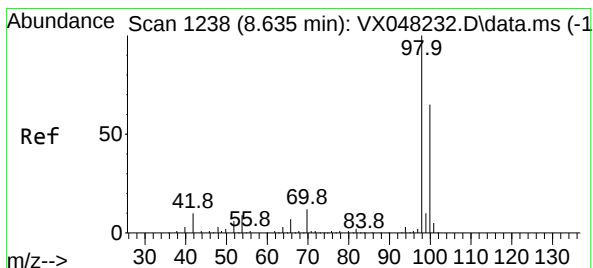
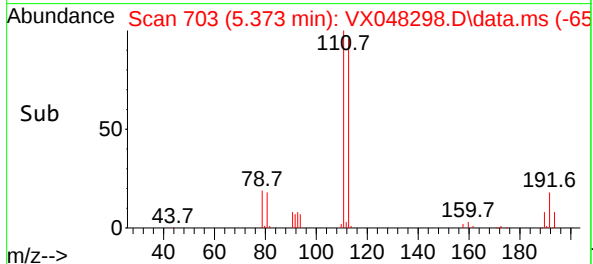
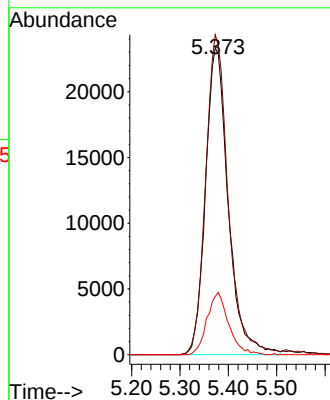
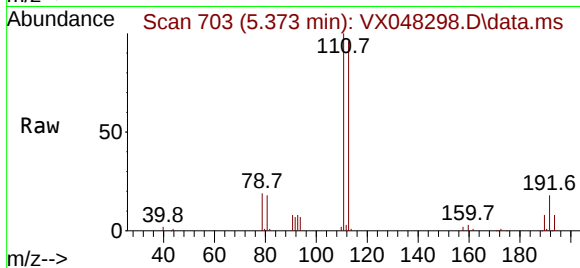
Tgt Ion:113 Resp: 76126

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 19.3 15.1 22.7



#50

Toluene-d8

Concen: 49.133 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048298.D

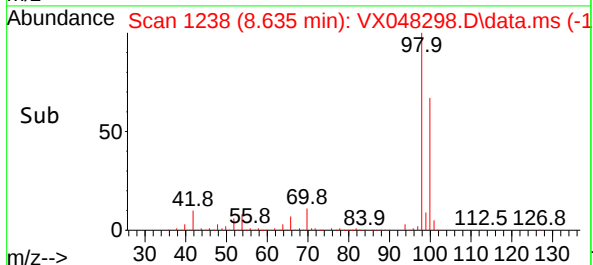
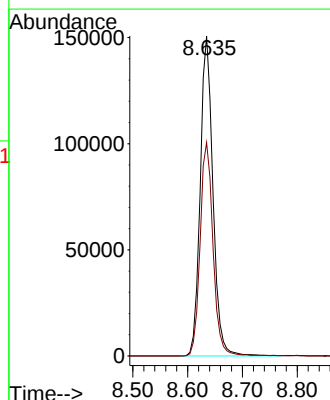
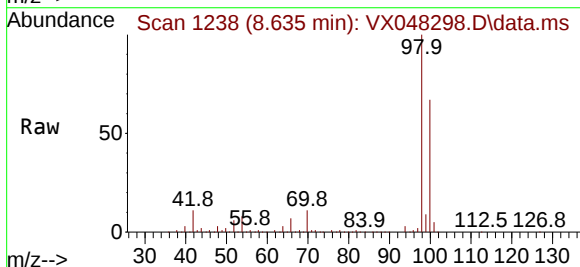
Acq: 22 Oct 2025 15:09

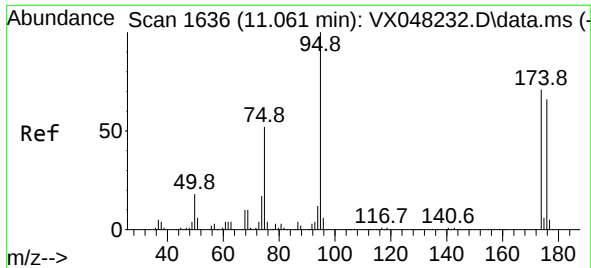
Tgt Ion: 98 Resp: 243271

Ion Ratio Lower Upper

98 100

100 67.5 53.0 79.4

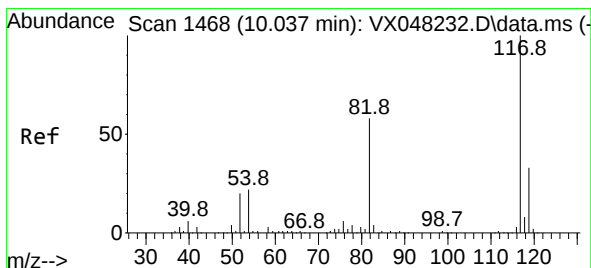
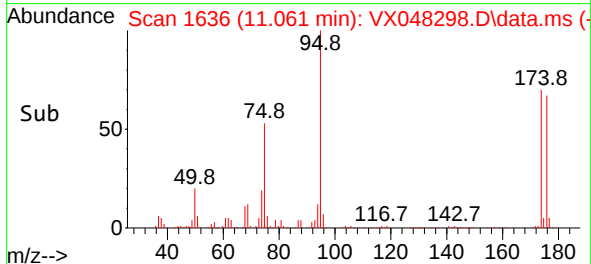
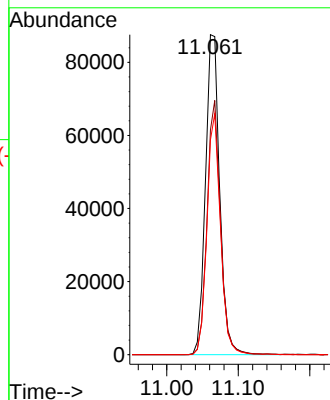
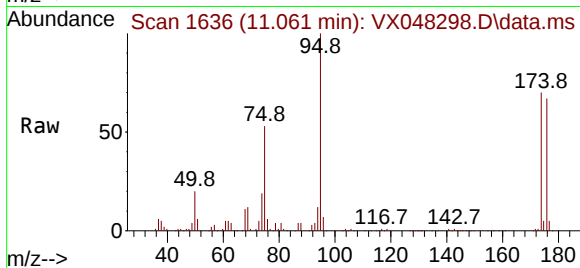




#62
4-Bromofluorobenzene
Concen: 64.353 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

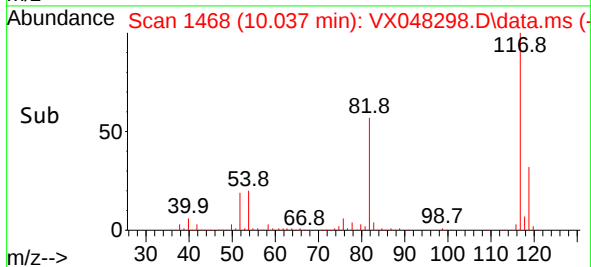
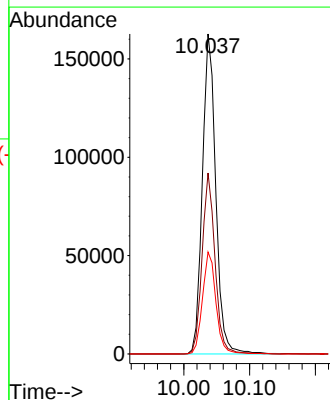
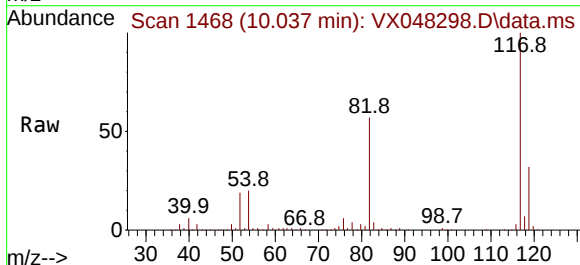
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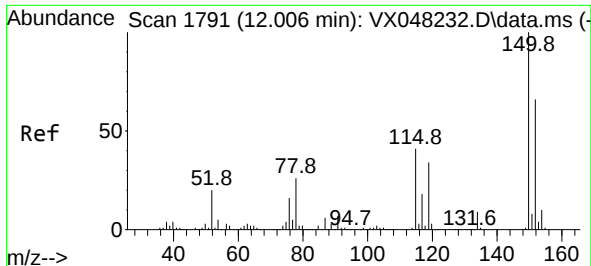
Tgt Ion: 95 Resp: 121217
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.8
176 71.7 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048298.D
Acq: 22 Oct 2025 15:09

Tgt Ion: 117 Resp: 230652
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048298.D

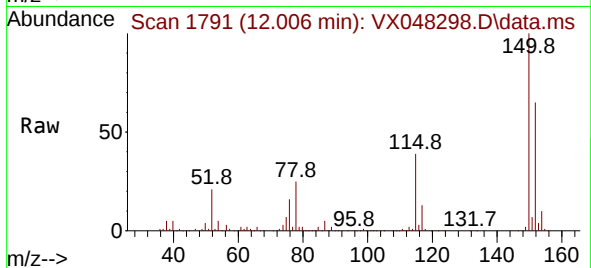
Acq: 22 Oct 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:152 Resp: 131014

Ion Ratio Lower Upper

152 100

115 61.3 43.1 129.4

150 156.1 0.0 353.0

