

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047990.D
 Acq On : 03 Oct 2025 13:50
 Operator : JC/MD
 Sample : Q3193-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250923

Quant Time: Oct 03 23:47:47 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)

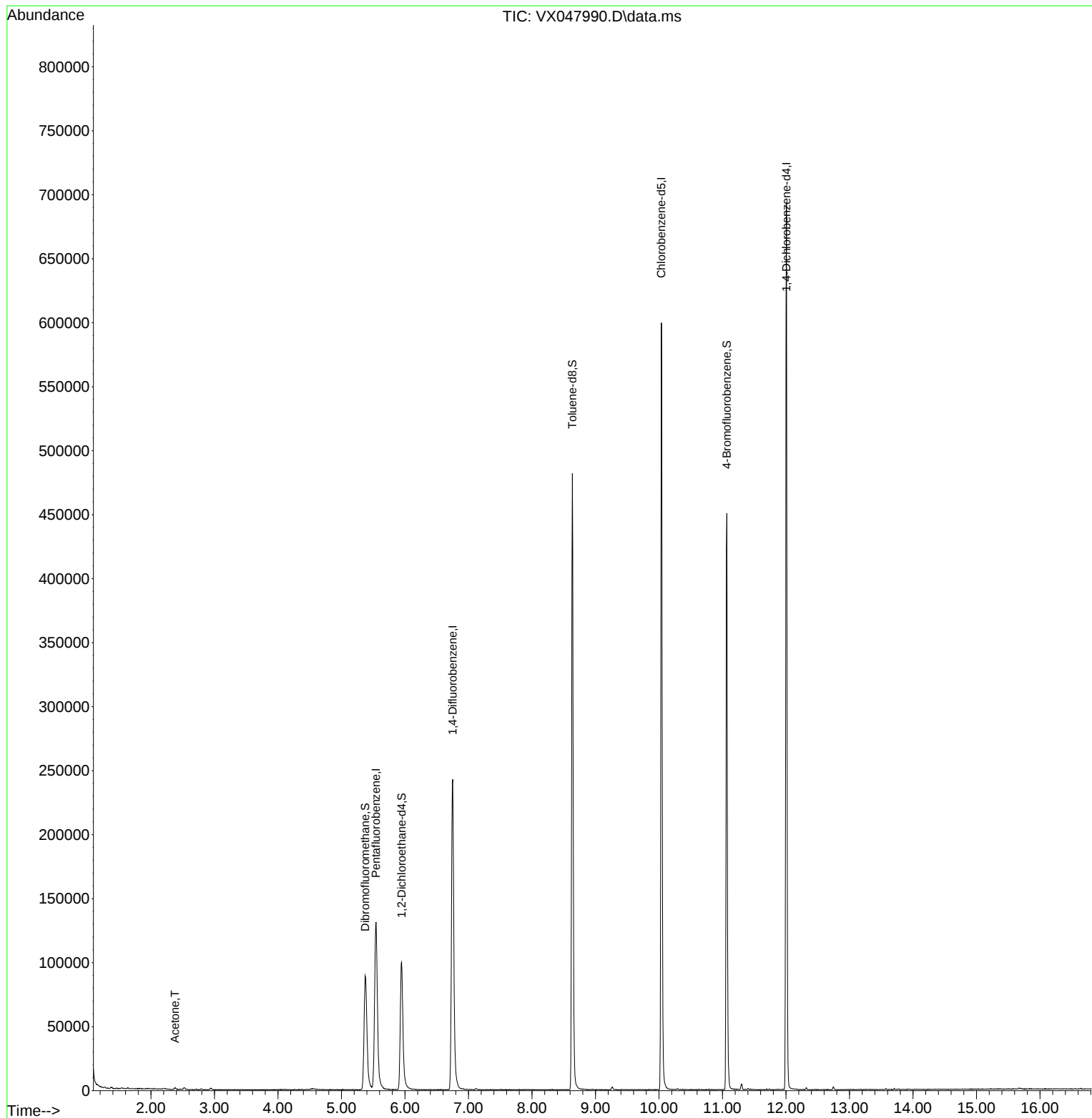
Internal Standards						
1) Pentafluorobenzene	5.544	168	131753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	277307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109749	52.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.660%
35) Dibromofluoromethane	5.373	113	88177	49.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	8.635	98	301141	48.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.067	95	132820	56.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.820%
Target Compounds						
16) Acetone	2.380	43	1617	1.773	ug/l	Qvalue # 74

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

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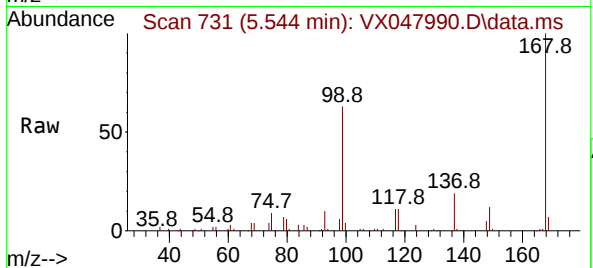
Quant Time: Oct 03 23:47:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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QLast Update : Wed Sep 17 06:39:58 2025
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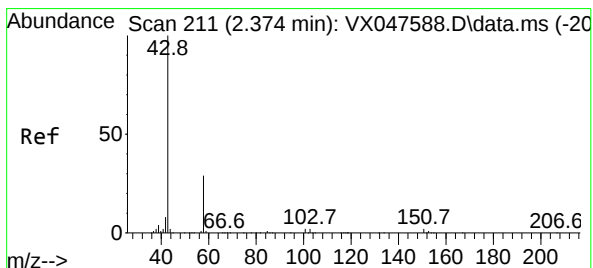
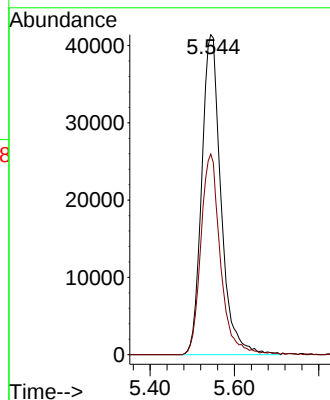
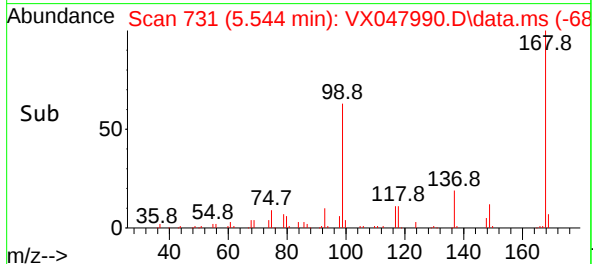


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047990.D
Acq: 03 Oct 2025 13:50

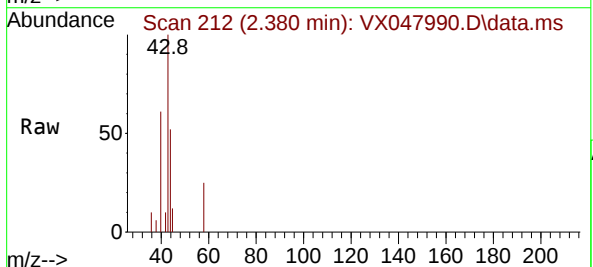
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923



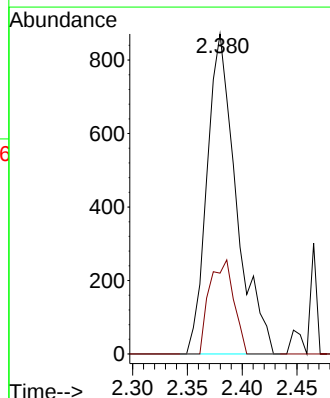
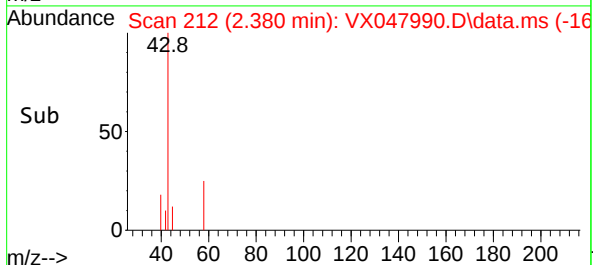
Tgt Ion:168 Resp: 131753
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#16
Acetone
Concen: 1.773 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047990.D
Acq: 03 Oct 2025 13:50



Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 43.2 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 52.332 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047990.D

Acq: 03 Oct 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

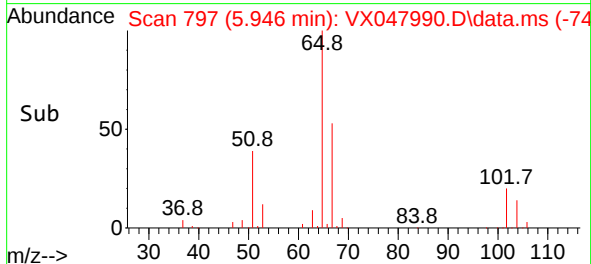
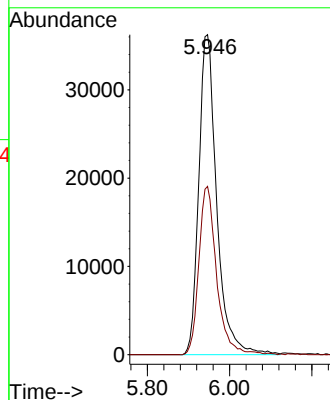
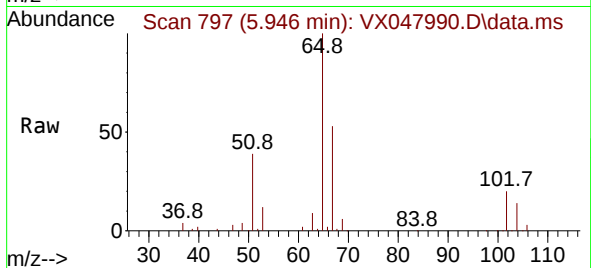
RW10-MW01D-20250923

Tgt Ion: 65 Resp: 109749

Ion Ratio Lower Upper

65 100

67 52.0 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: VX047990.D

Acq: 03 Oct 2025 13:50

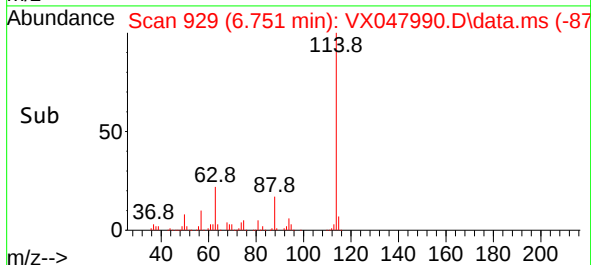
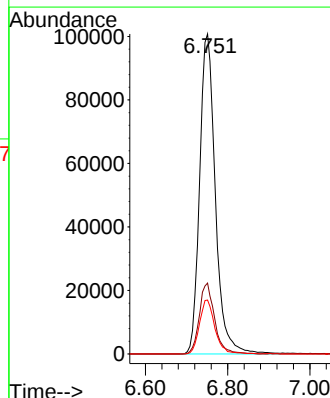
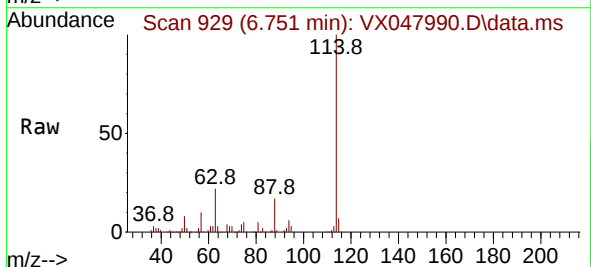
Tgt Ion: 114 Resp: 267351

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.8 0.0 34.2

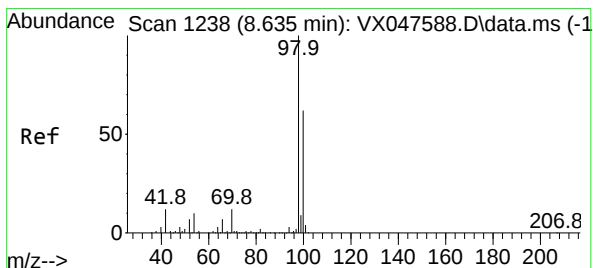
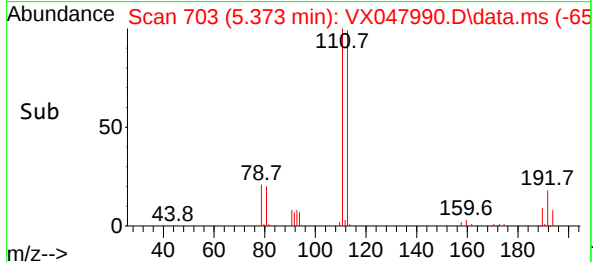
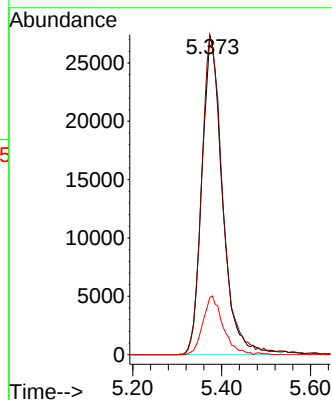
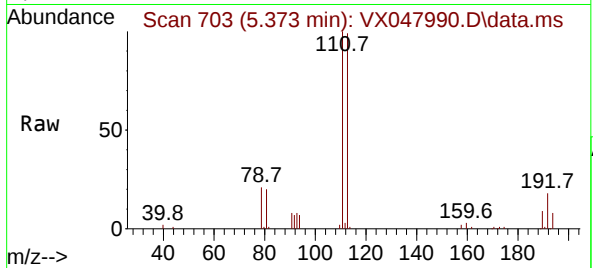




#35
Dibromofluoromethane
Concen: 49.178 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047990.D
Acq: 03 Oct 2025 13:50

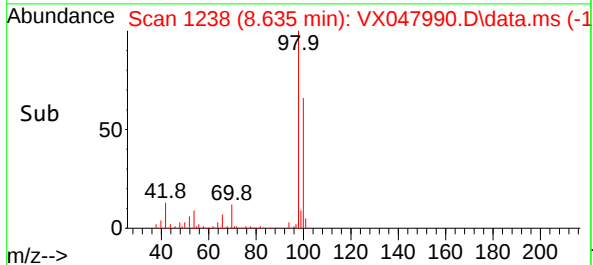
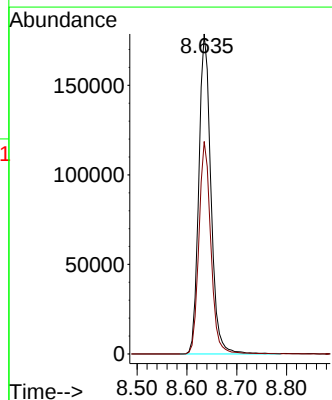
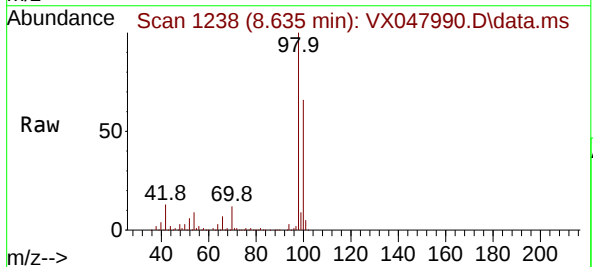
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

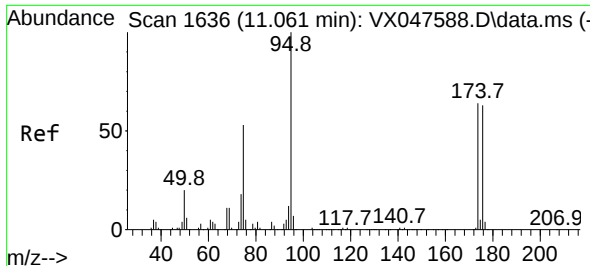
Tgt Ion:113 Resp: 88177
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.9 14.2 21.4



#50
Toluene-d8
Concen: 48.539 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047990.D
Acq: 03 Oct 2025 13:50

Tgt Ion: 98 Resp: 301141
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

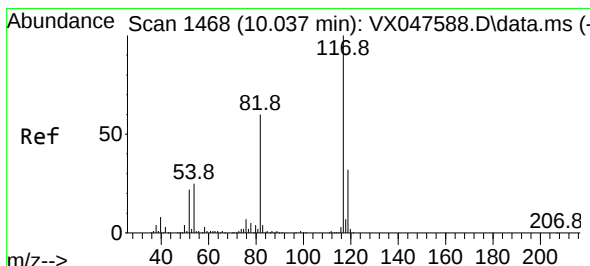
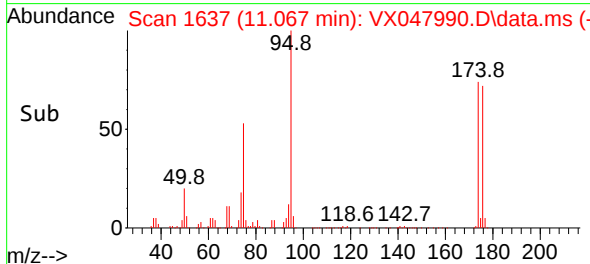
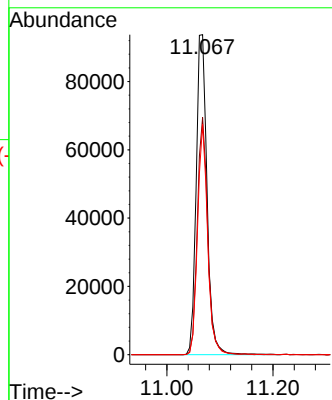
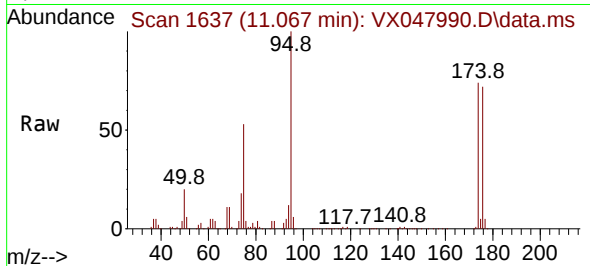




#62
4-Bromofluorobenzene
Concen: 56.409 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047990.D
Acq: 03 Oct 2025 13:50

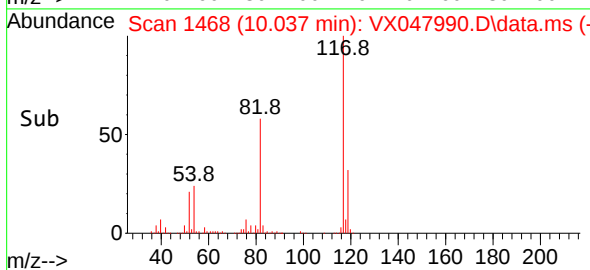
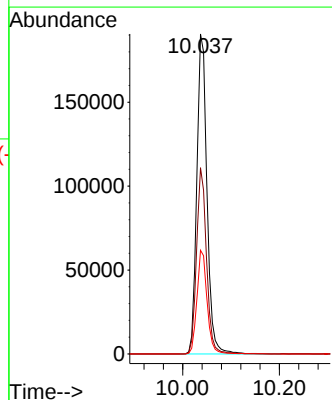
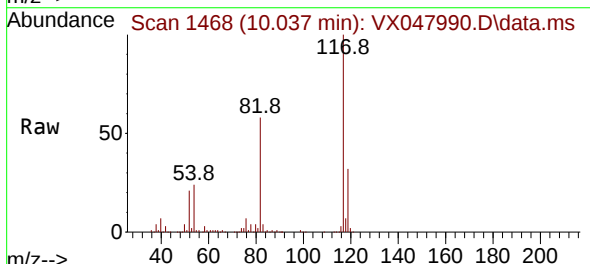
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250923

Tgt Ion: 95 Resp: 132820
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 66.8 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: VX047990.D
Acq: 03 Oct 2025 13:50

Tgt Ion: 117 Resp: 277307
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 32.4 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: VX047990.D

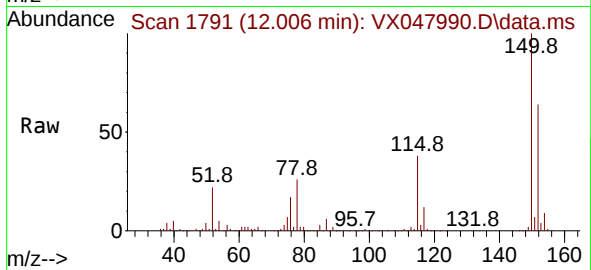
Acq: 03 Oct 2025 13:50

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01D-20250923



Tgt Ion:152 Resp: 143528

Ion Ratio Lower Upper

152 100

115 60.6 44.9 134.5

150 157.1 0.0 352.0

