

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047972.D
 Acq On : 02 Oct 2025 16:33
 Operator : JC/MD
 Sample : Q3194-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20250922

Quant Time: Oct 03 03:33:21 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)

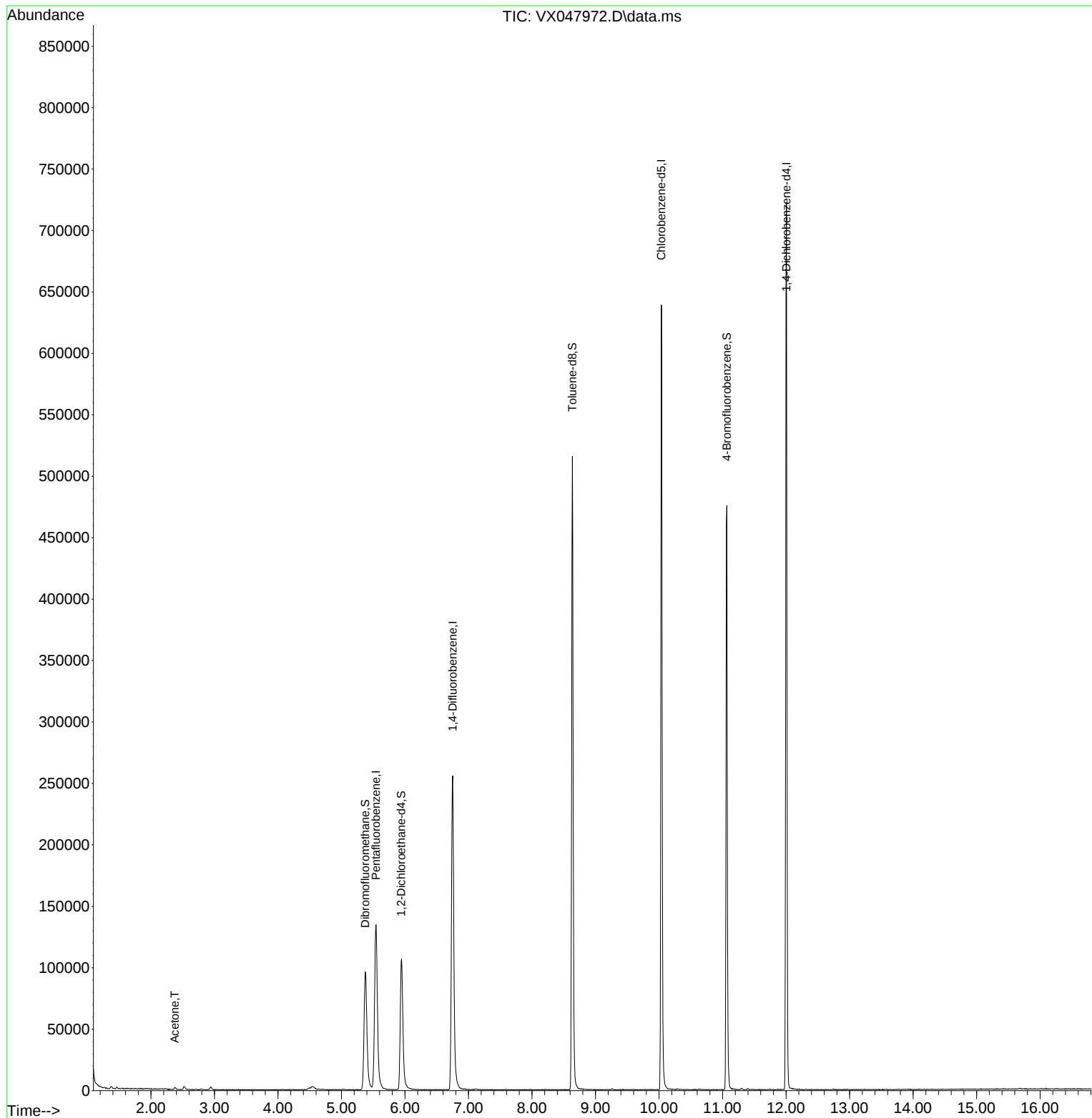
Internal Standards						
1) Pentafluorobenzene	5.544	168	134837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117345	54.674	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.340%	
35) Dibromofluoromethane	5.373	113	94906	50.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	8.635	98	316318	48.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	11.067	95	140496	57.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.120%	
Target Compounds						
16) Acetone	2.374	43	2674	2.865	ug/l	Qvalue # 84

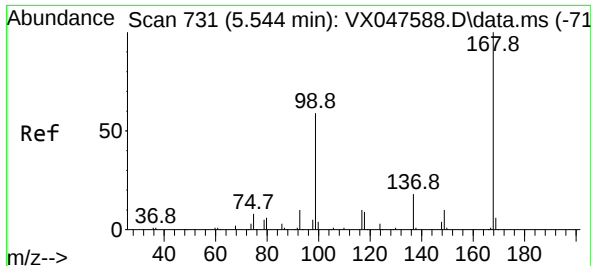
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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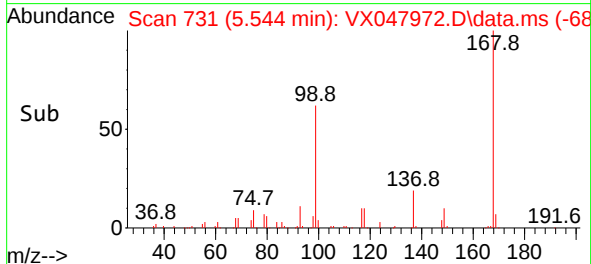
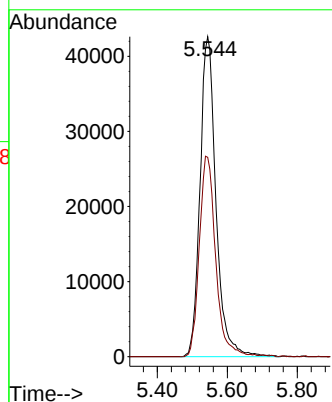
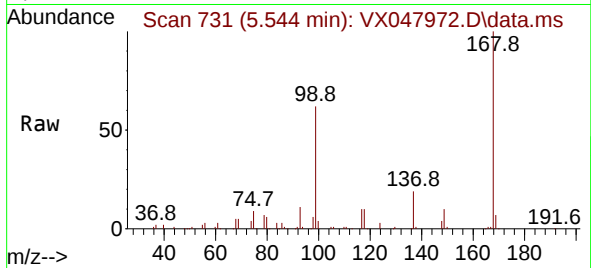




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

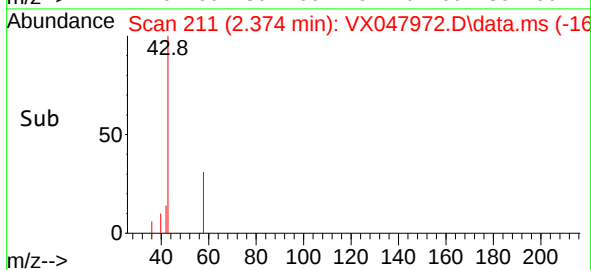
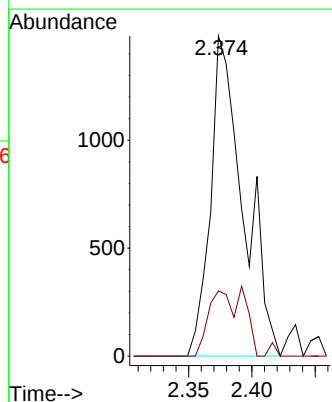
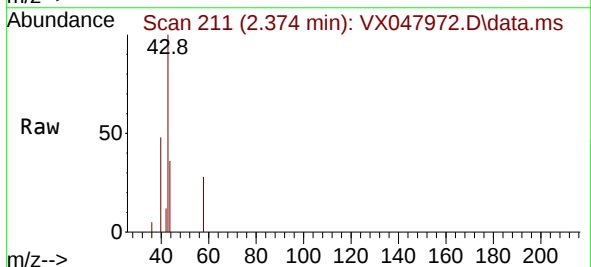
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

Tgt Ion:168 Resp: 134837
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#16
Acetone
Concen: 2.865 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
58 20.4 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 54.674 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047972.D

Acq: 02 Oct 2025 16:33

Instrument :

MSVOA_X

ClientSampleId :

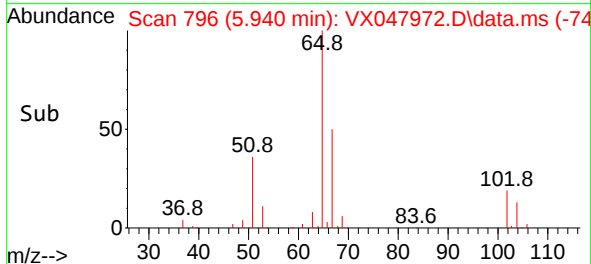
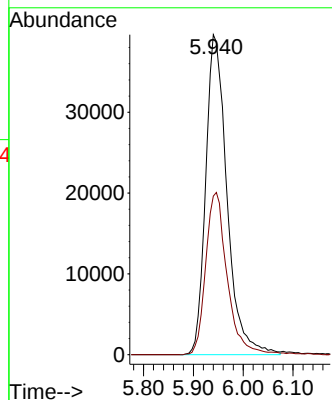
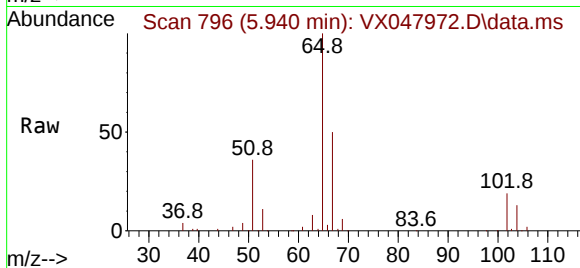
RW11-MW01I-20250922

Tgt Ion: 65 Resp: 117345

Ion Ratio Lower Upper

65 100

67 51.2 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: VX047972.D

Acq: 02 Oct 2025 16:33

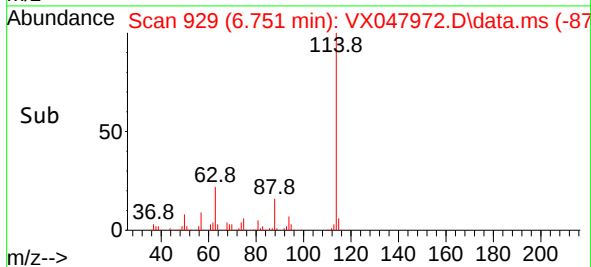
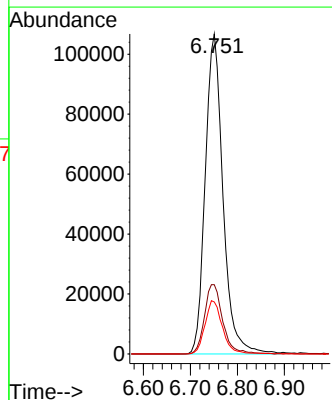
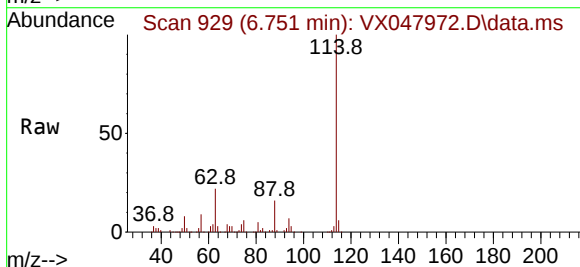
Tgt Ion: 114 Resp: 279573

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.3 0.0 34.2

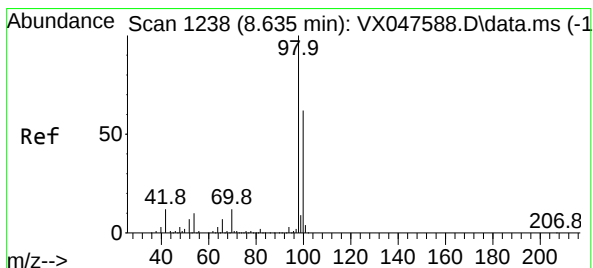
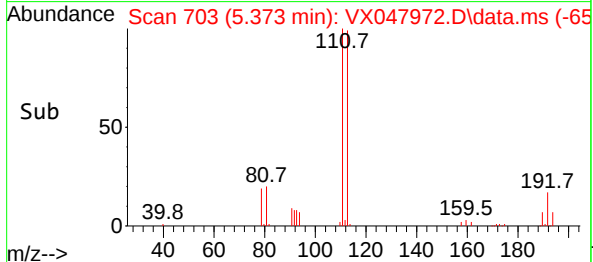
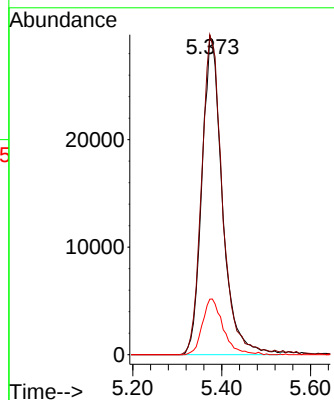
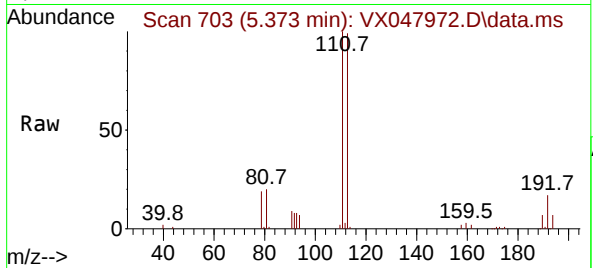




#35
Dibromofluoromethane
Concen: 50.617 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

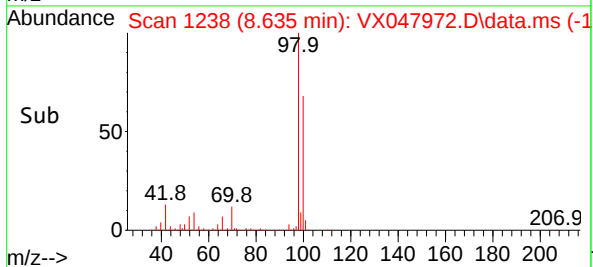
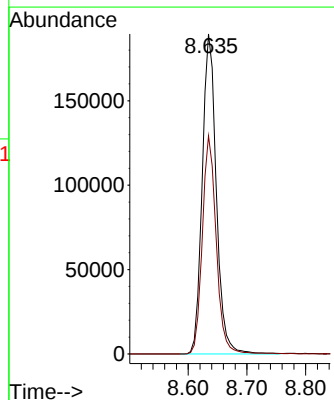
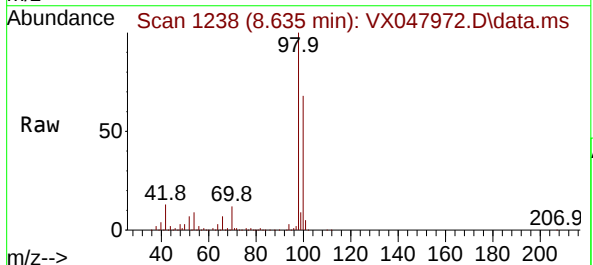
Instrument :
MSVOA_X
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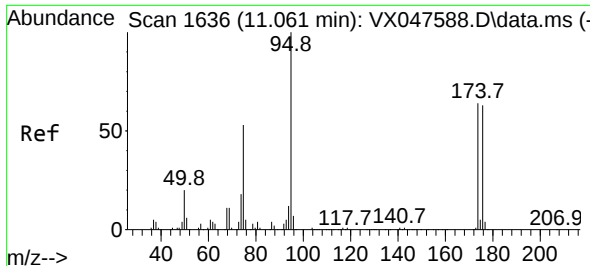
Tgt Ion:113 Resp: 94906
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.8 14.2 21.4



#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

Tgt Ion: 98 Resp: 316318
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

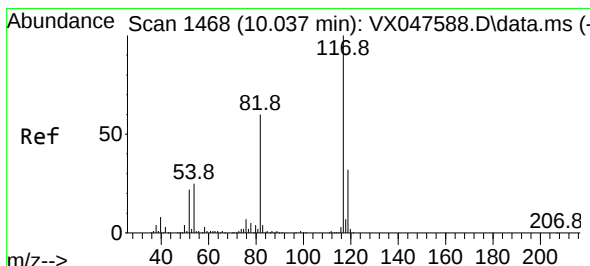
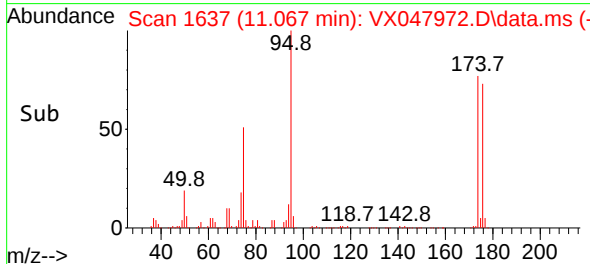
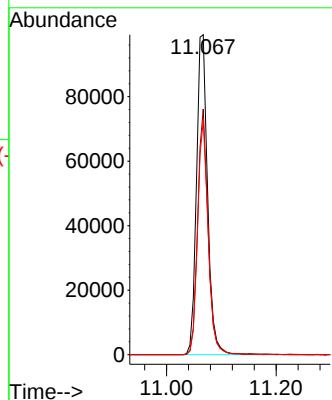
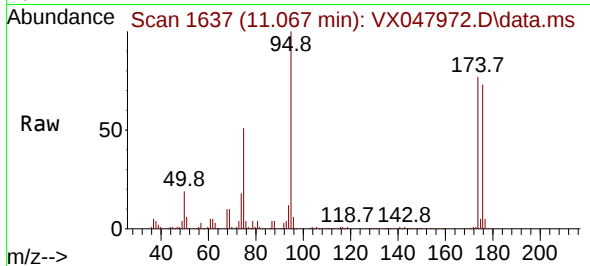




#62
4-Bromofluorobenzene
Concen: 57.061 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047972.D
Acq: 02 Oct 2025 16:33

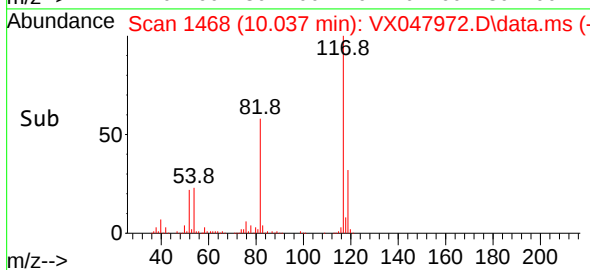
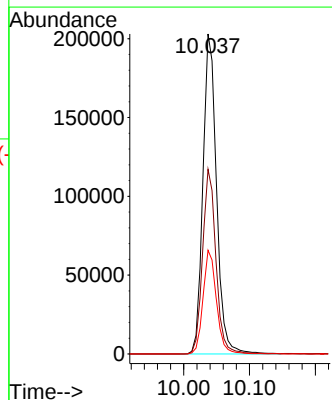
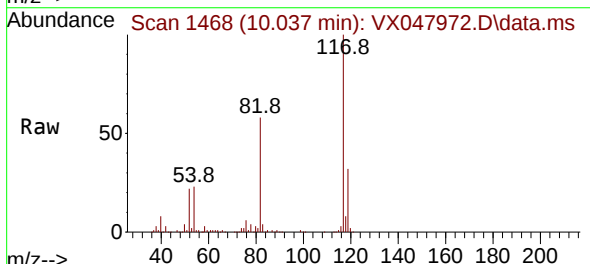
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20250922

Tgt Ion: 95 Resp: 140496
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.5 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: VX047972.D
Acq: 02 Oct 2025 16:33

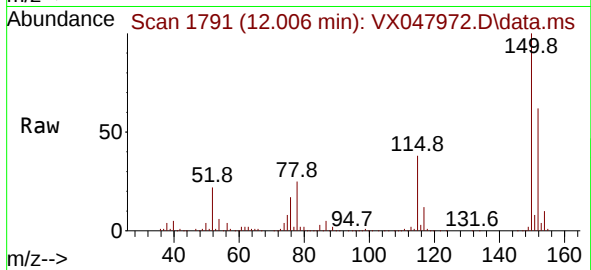
Tgt Ion: 117 Resp: 292400
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047972.D
 Acq: 02 Oct 2025 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20250922



Tgt Ion:152 Resp: 149635
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 159.4 0.0 352.0

