

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047918.D
 Acq On : 30 Sep 2025 17:45
 Operator : JC/MD
 Sample : Q3193-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20250923

Quant Time: Oct 01 01:15:11 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)

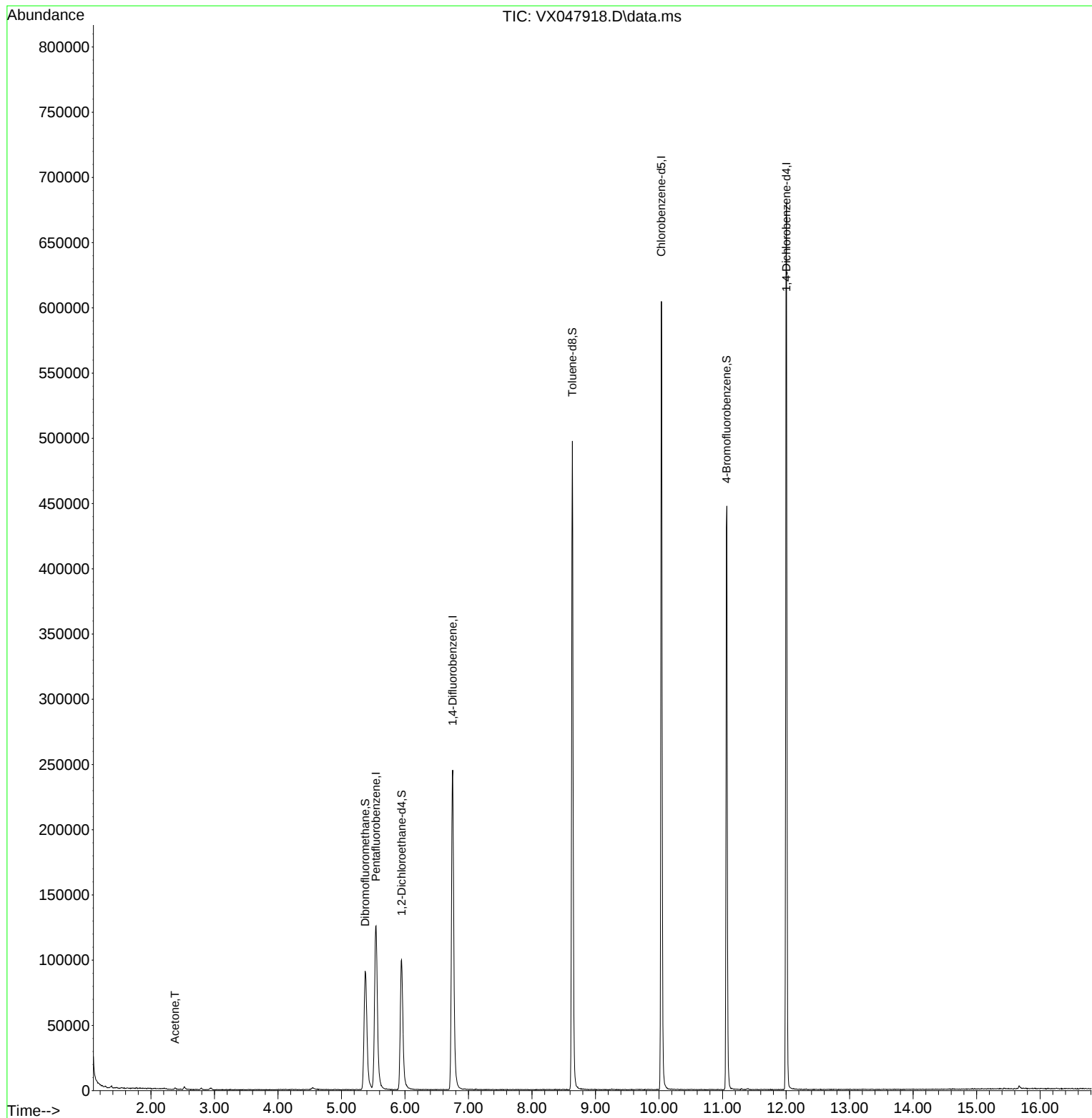
Internal Standards						
1) Pentafluorobenzene	5.544	168	129037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	266808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108453	52.802	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.600%
35) Dibromofluoromethane	5.373	113	90475	50.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.120%
50) Toluene-d8	8.635	98	303689	49.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.061	95	128248	54.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.160%
Target Compounds						
16) Acetone	2.380	43	1445	1.618	ug/l	Qvalue # 83

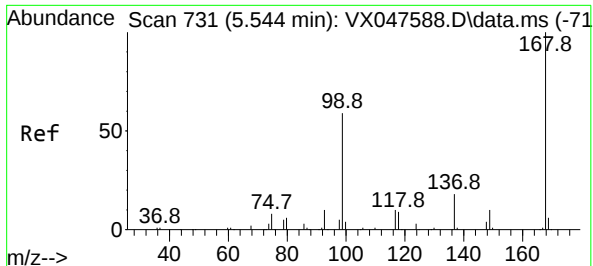
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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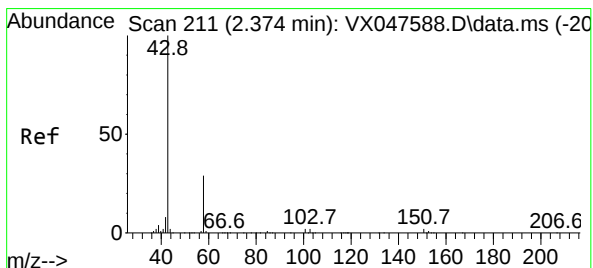
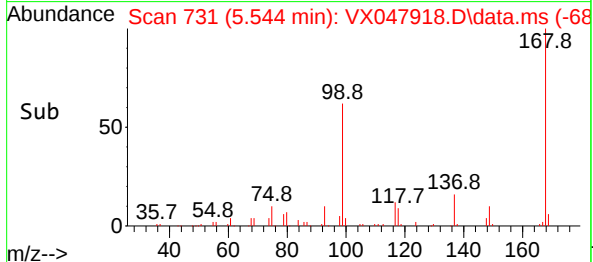
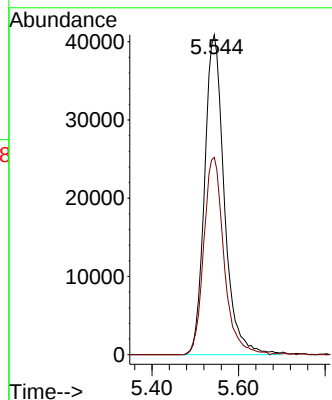
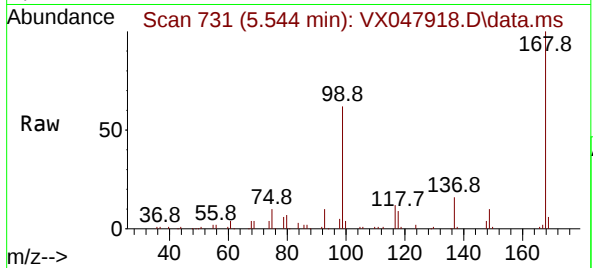




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

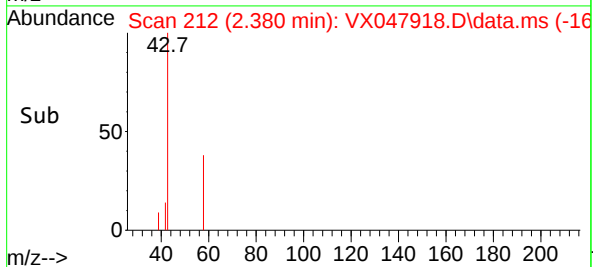
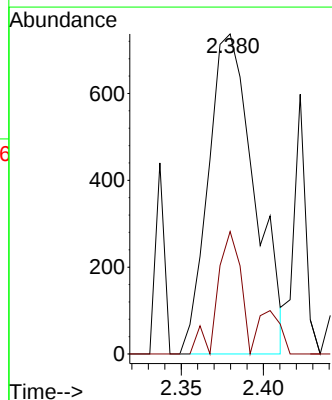
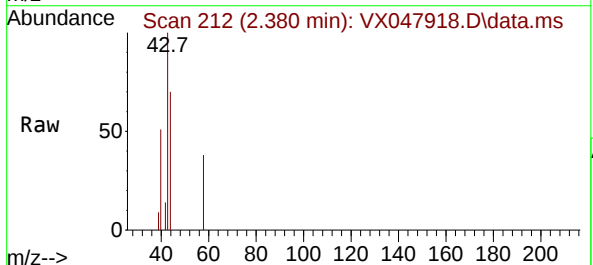
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20250923

Tgt Ion:168 Resp: 129037
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#16
Acetone
Concen: 1.618 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 43 Resp: 1445
Ion Ratio Lower Upper
43 100
58 38.3 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 52.802 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047918.D

Acq: 30 Sep 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

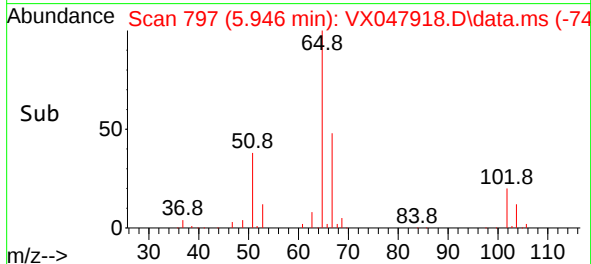
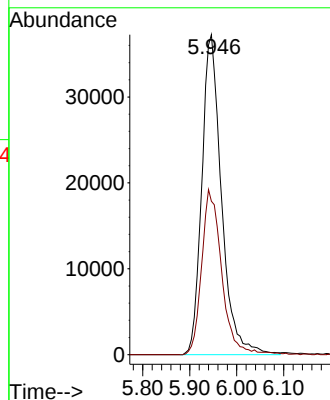
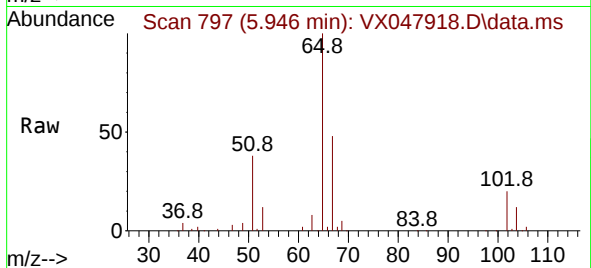
RW8-MW01D1-20250923

Tgt Ion: 65 Resp: 108453

Ion Ratio Lower Upper

65 100

67 52.6 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: VX047918.D

Acq: 30 Sep 2025 17:45

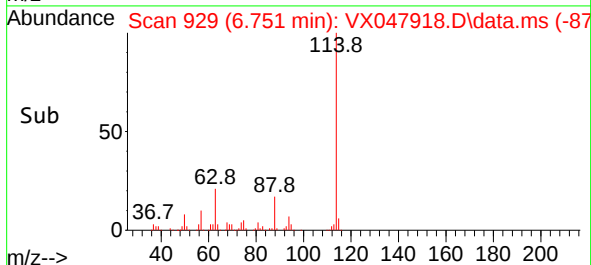
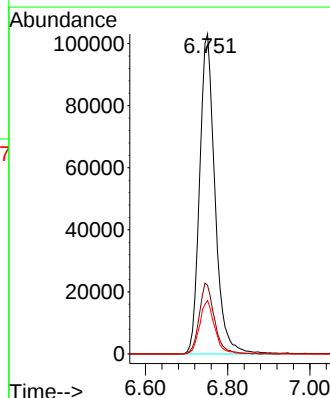
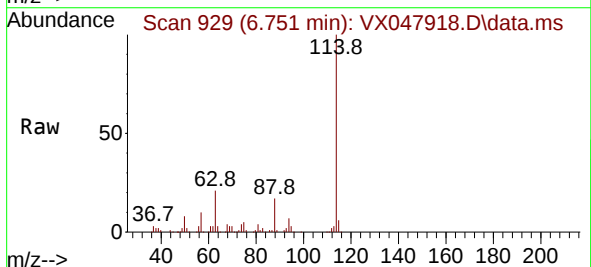
Tgt Ion: 114 Resp: 266808

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.563 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047918.D

Acq: 30 Sep 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20250923

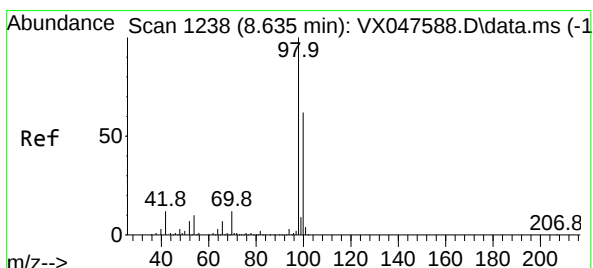
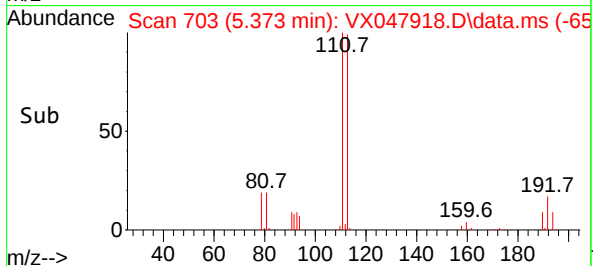
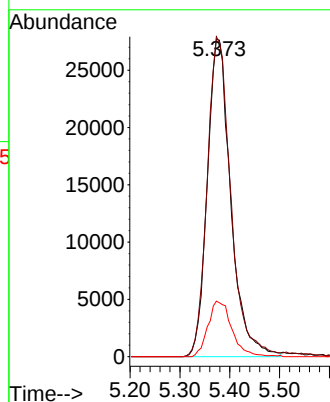
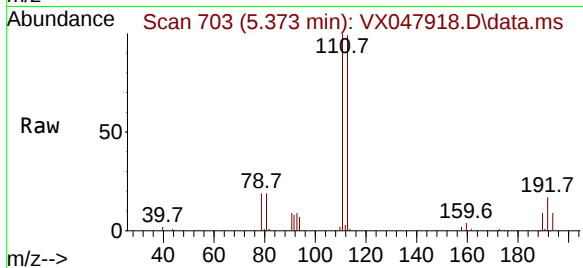
Tgt Ion:113 Resp: 90475

Ion Ratio Lower Upper

113 100

111 101.7 80.9 121.3

192 17.9 14.2 21.4



#50

Toluene-d8

Concen: 49.049 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047918.D

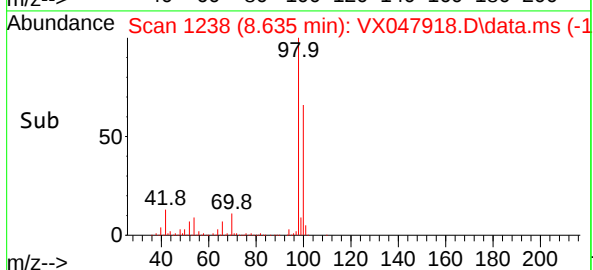
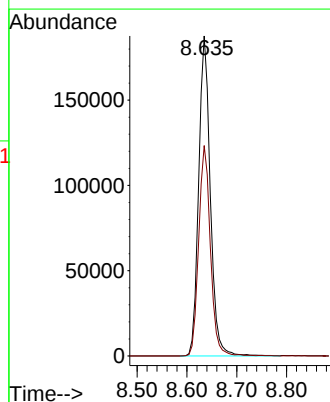
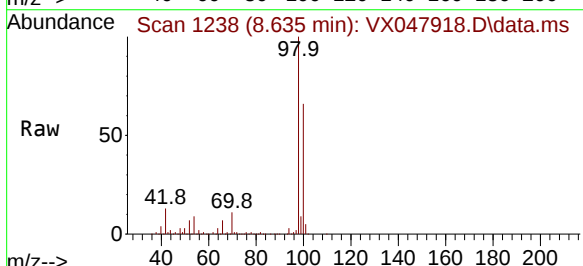
Acq: 30 Sep 2025 17:45

Tgt Ion: 98 Resp: 303689

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

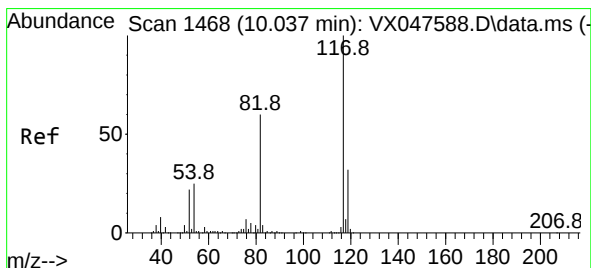
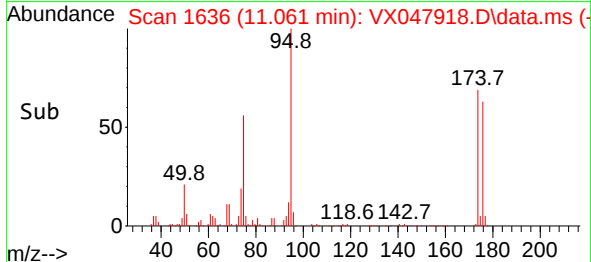
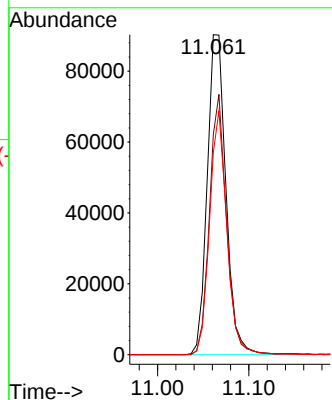
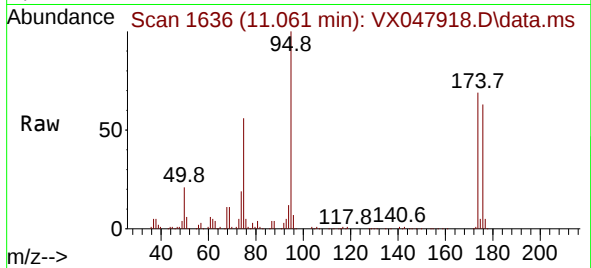




#62
4-Bromofluorobenzene
Concen: 54.578 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047918.D
Acq: 30 Sep 2025 17:45

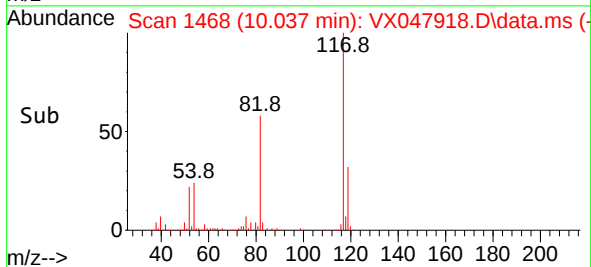
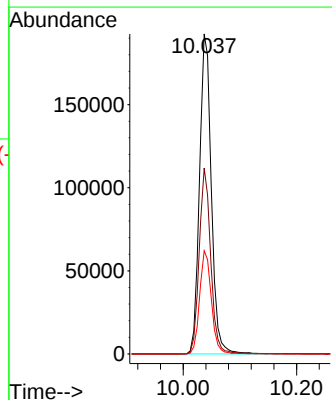
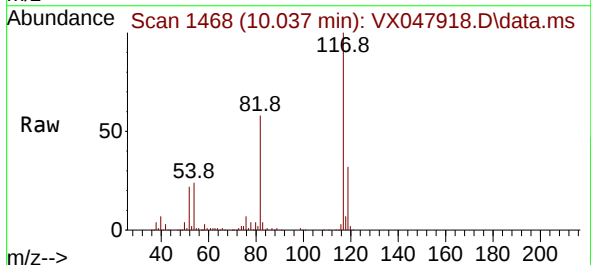
Instrument :
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RW8-MW01D1-20250923

Tgt Ion: 95 Resp: 128248
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 70.4 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: VX047918.D
Acq: 30 Sep 2025 17:45

Tgt Ion: 117 Resp: 278211
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 32.3 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: VX047918.D

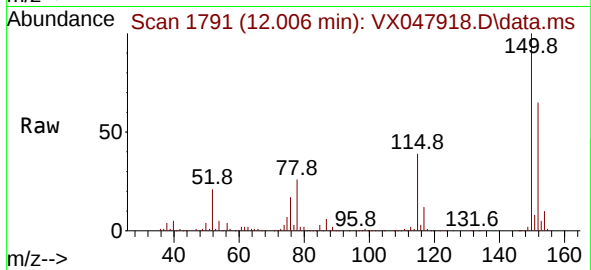
Acq: 30 Sep 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20250923



Tgt Ion:152 Resp: 142118

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 155.7 0.0 352.0

