

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048817.D
 Acq On : 10 Dec 2025 17:15
 Operator : JC/MD
 Sample : Q3776-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-RAD-20251203

Quant Time: Dec 11 00:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

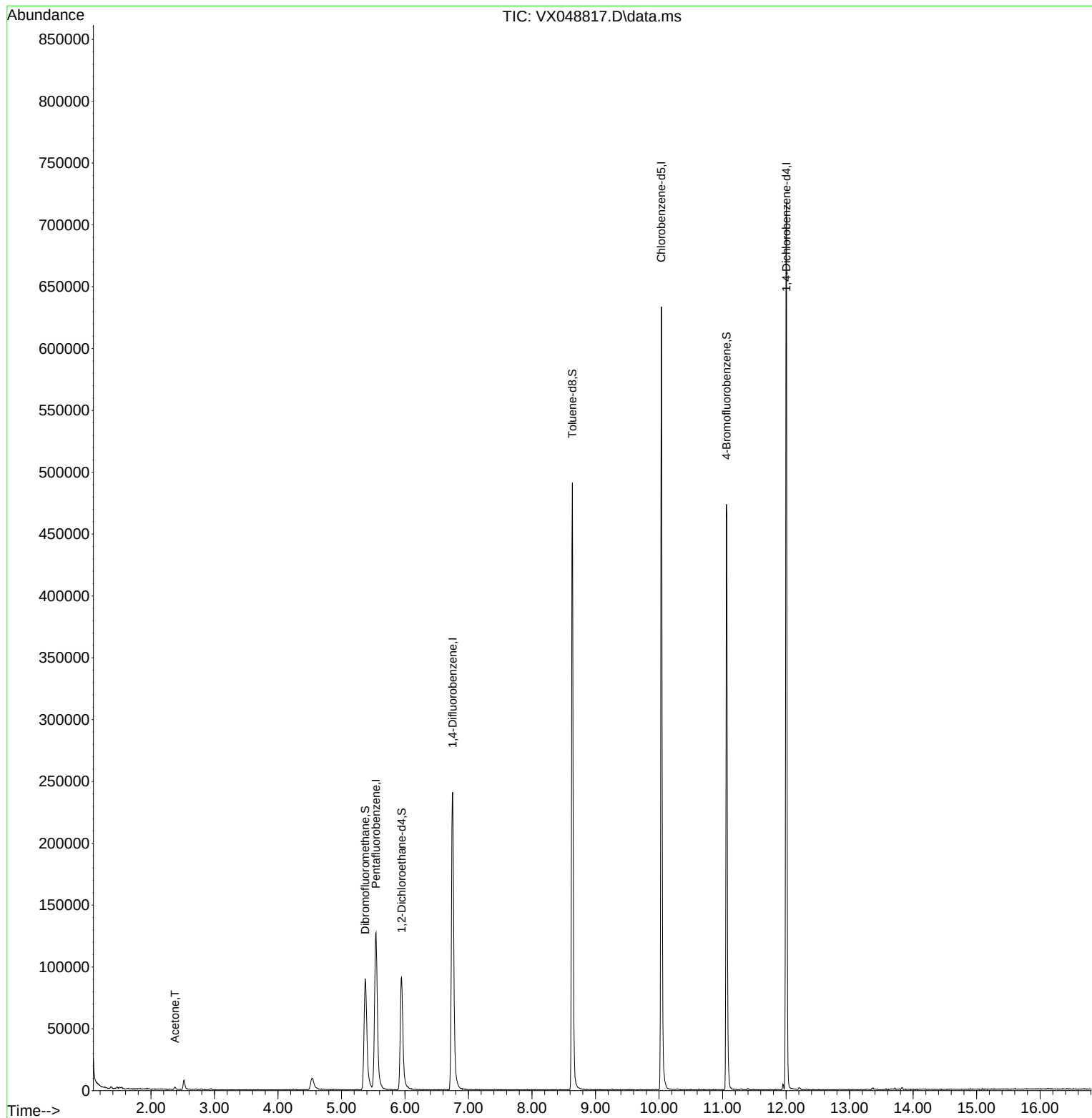
Internal Standards						
1) Pentafluorobenzene	5.544	168	136045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	280829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	304222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	165802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101626	55.656	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	111.320%	
35) Dibromofluoromethane	5.373	113	89798	46.440	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.880%	
50) Toluene-d8	8.634	98	314683	46.428	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	92.860%	
62) 4-Bromofluorobenzene	11.061	95	139050	59.493	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	118.980%	
Target Compounds						
16) Acetone	2.380	43	2931	4.193	ug/l	Qvalue 93

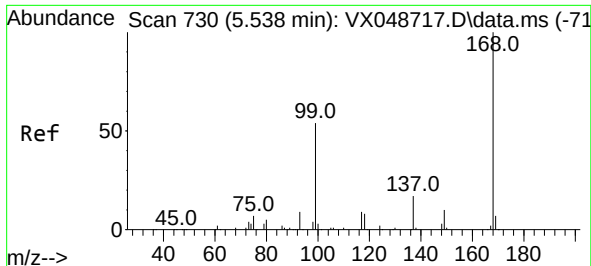
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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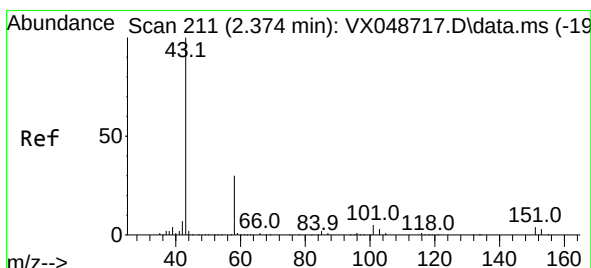
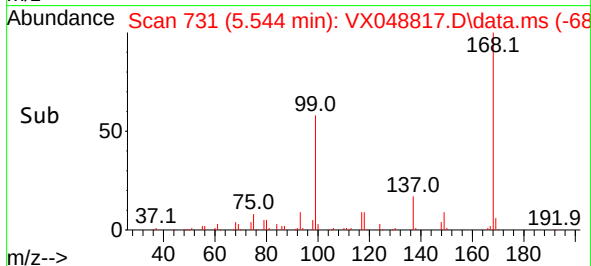
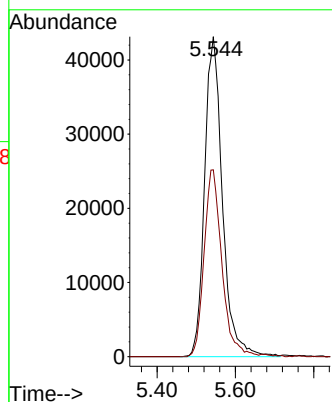
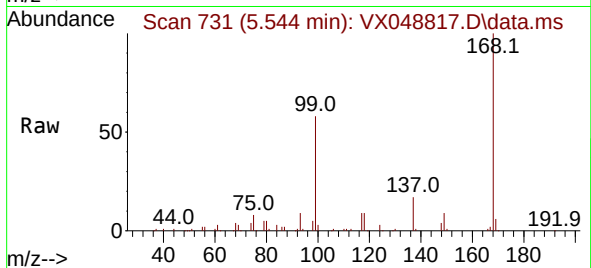




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048817.D
Acq: 10 Dec 2025 17:15

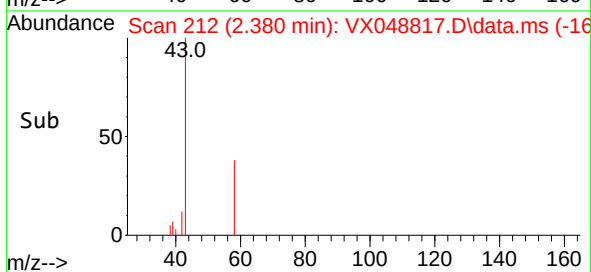
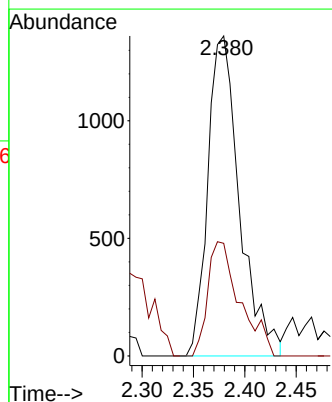
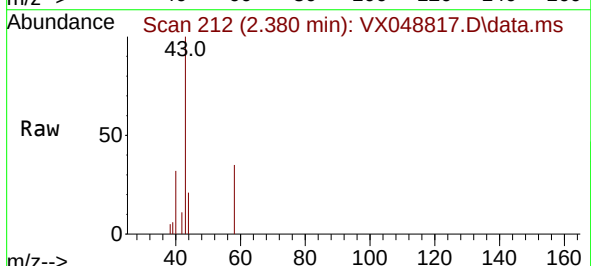
Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203

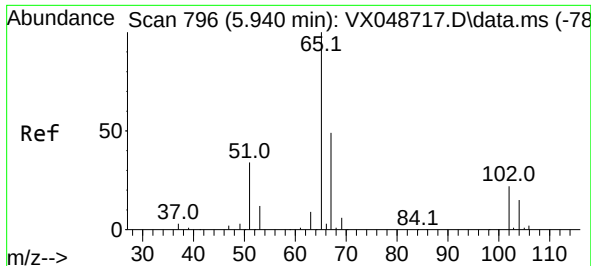
Tgt Ion:168 Resp: 136045
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#16
Acetone
Concen: 4.193 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048817.D
Acq: 10 Dec 2025 17:15

Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 35.2 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 55.656 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048817.D

Acq: 10 Dec 2025 17:15

Instrument :

MSVOA_X

ClientSampleId :

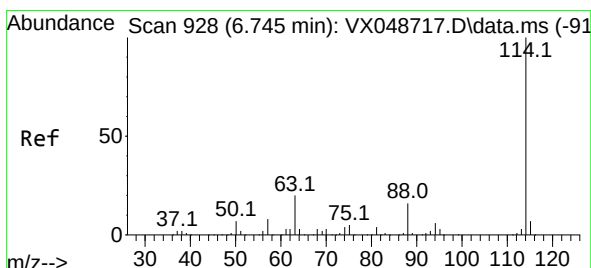
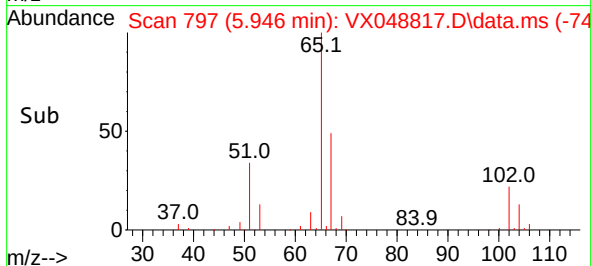
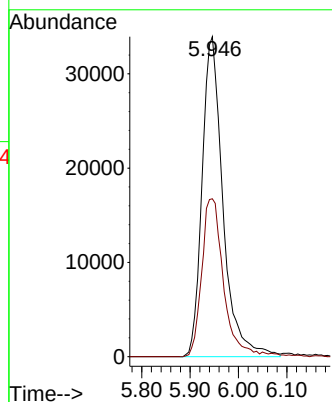
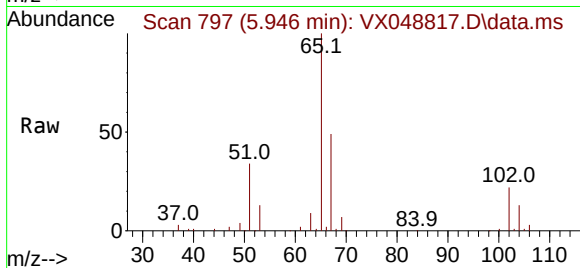
IDW-RAD-20251203

Tgt Ion: 65 Resp: 101626

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048817.D

Acq: 10 Dec 2025 17:15

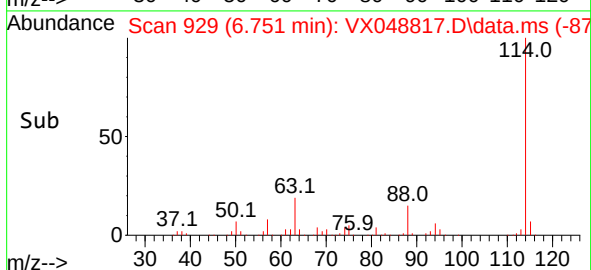
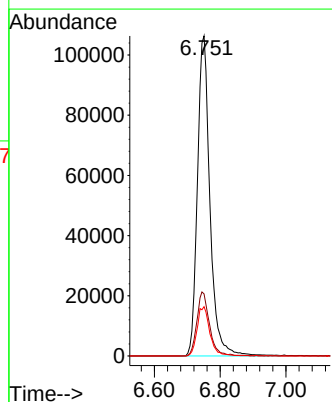
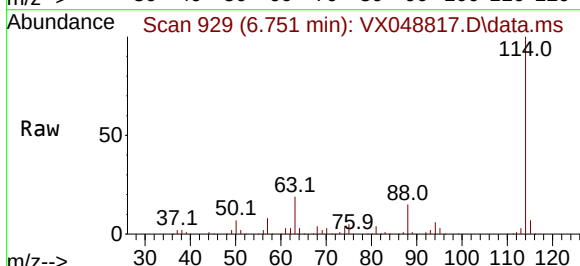
Tgt Ion: 114 Resp: 280829

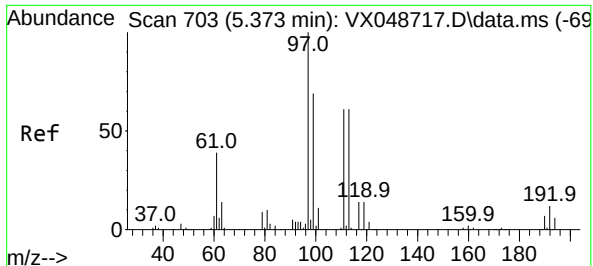
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

88 15.4 0.0 31.8

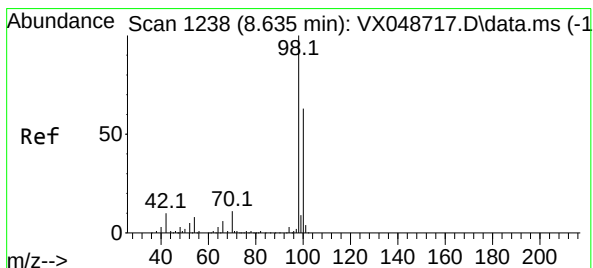
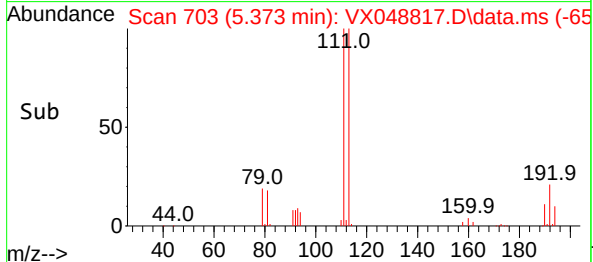
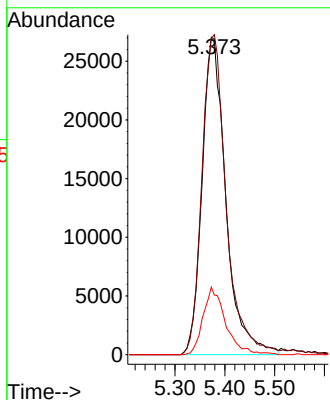
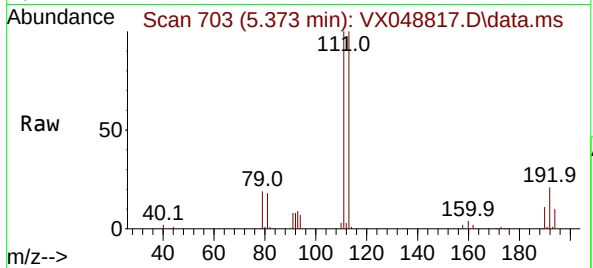




#35
Dibromofluoromethane
Concen: 46.440 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048817.D
Acq: 10 Dec 2025 17:15

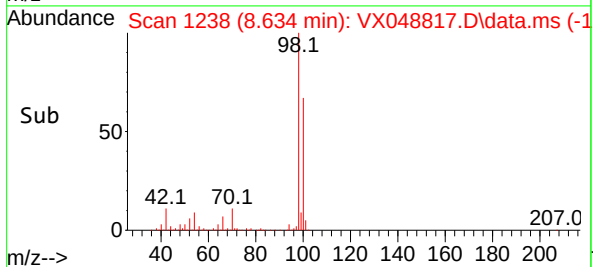
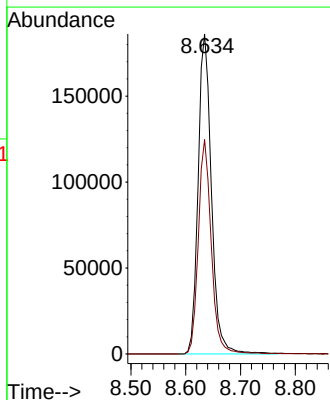
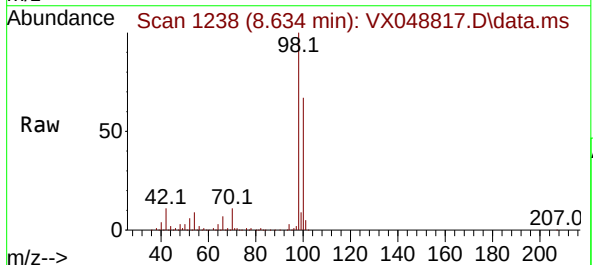
Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203

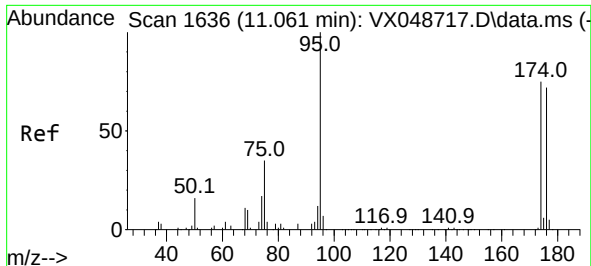
Tgt Ion:113 Resp: 89798
Ion Ratio Lower Upper
113 100
111 102.2 79.5 119.3
192 20.1 16.1 24.1



#50
Toluene-d8
Concen: 46.428 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048817.D
Acq: 10 Dec 2025 17:15

Tgt Ion: 98 Resp: 314683
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0

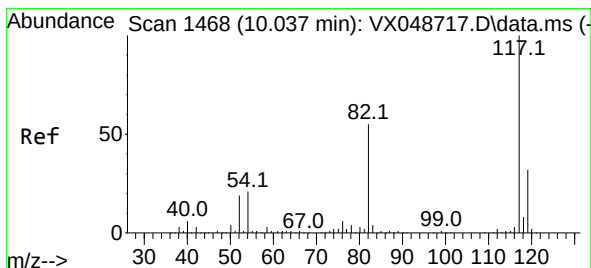
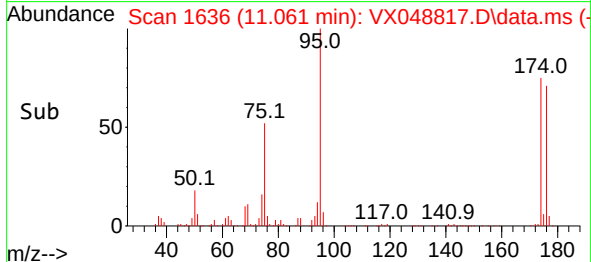
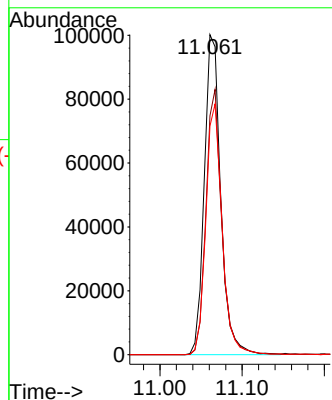
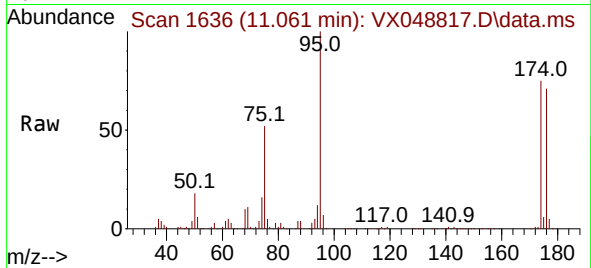




#62
4-Bromofluorobenzene
Concen: 59.493 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048817.D
Acq: 10 Dec 2025 17:15

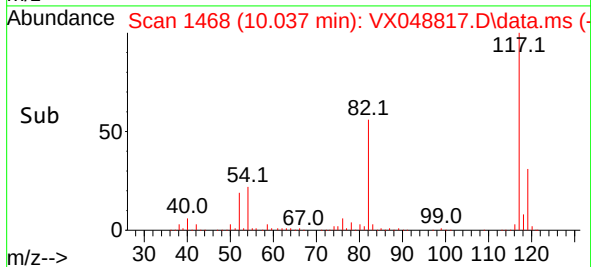
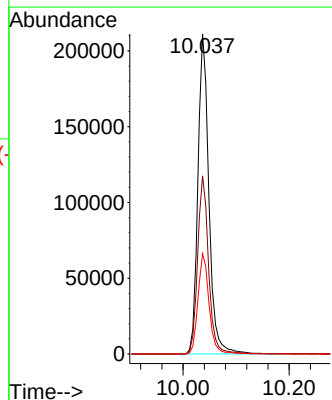
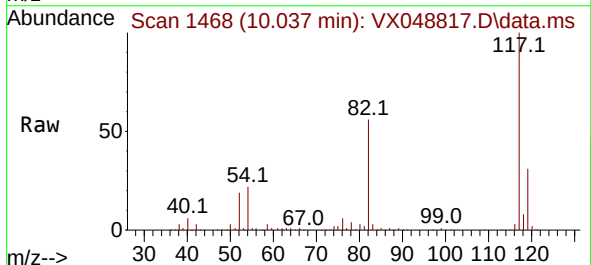
Instrument :
MSVOA_X
ClientSampleId :
IDW-RAD-20251203

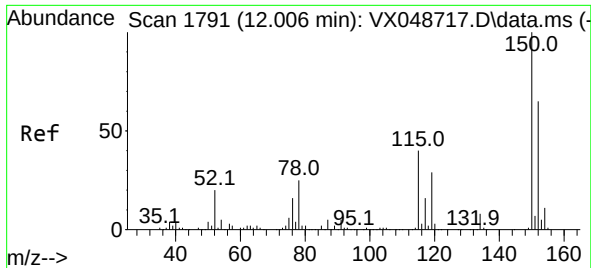
Tgt Ion: 95 Resp: 139050
Ion Ratio Lower Upper
95 100
174 80.0 0.0 157.8
176 77.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048817.D
Acq: 10 Dec 2025 17:15

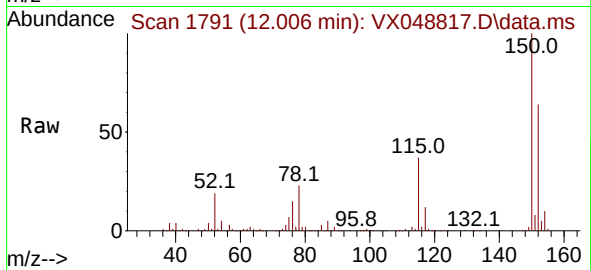
Tgt Ion: 117 Resp: 304222
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 31.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048817.D
 Acq: 10 Dec 2025 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-RAD-20251203



Tgt Ion:152 Resp: 165802
 Ion Ratio Lower Upper
 152 100
 115 58.7 42.1 126.4
 150 154.4 0.0 347.8

