

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048441.D
 Acq On : 31 Oct 2025 18:14
 Operator : JC/MD
 Sample : Q3510-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-002

Quant Time: Oct 31 23:10:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

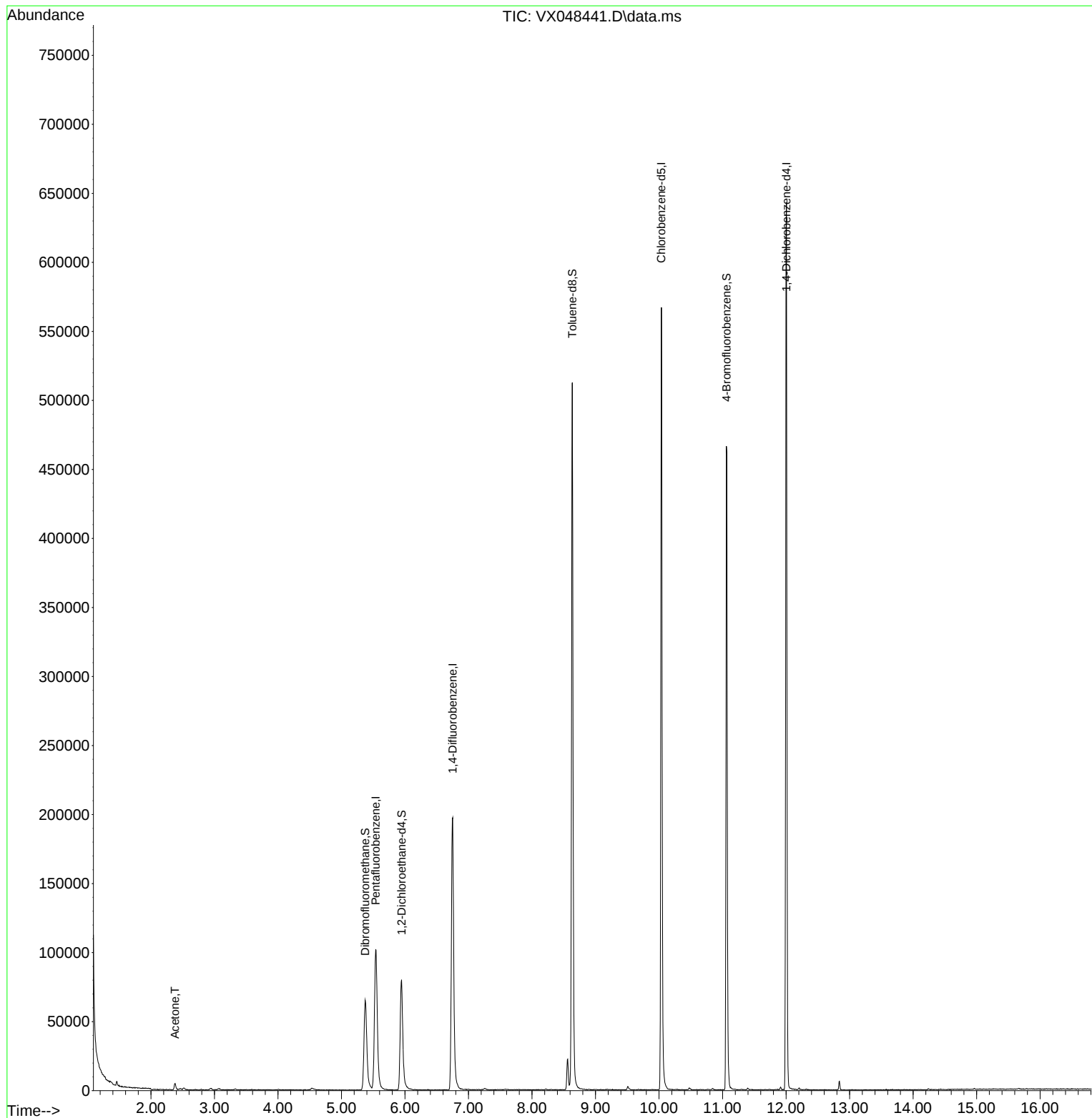
Internal Standards						
1) Pentafluorobenzene	5.537	168	110938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	229120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85173	53.385	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.760%		
35) Dibromofluoromethane	5.373	113	64341	49.254	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.500%		
50) Toluene-d8	8.634	98	315046	54.635	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.280%		
62) 4-Bromofluorobenzene	11.061	95	138312	64.120	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 128.240%#		
Target Compounds						
16) Acetone	2.380	43	6439	17.807	ug/l	Qvalue 92

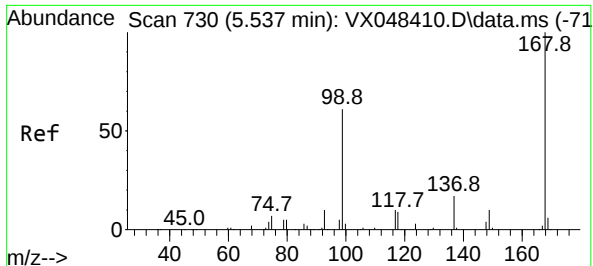
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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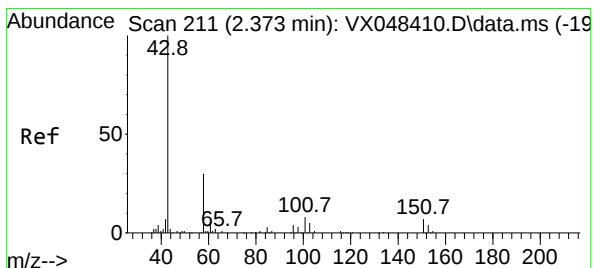
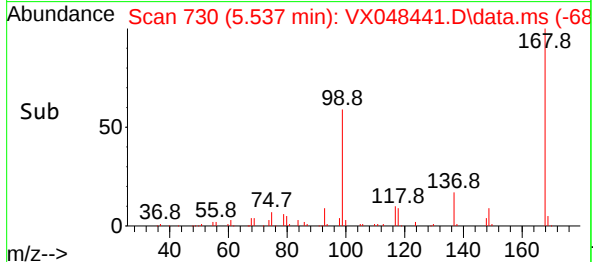
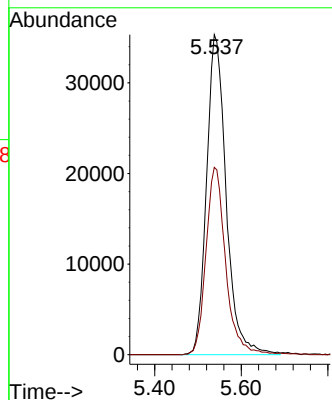
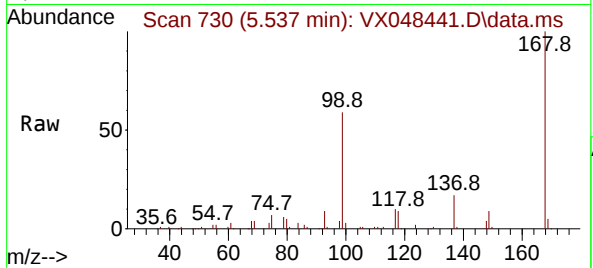




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048441.D
Acq: 31 Oct 2025 18:14

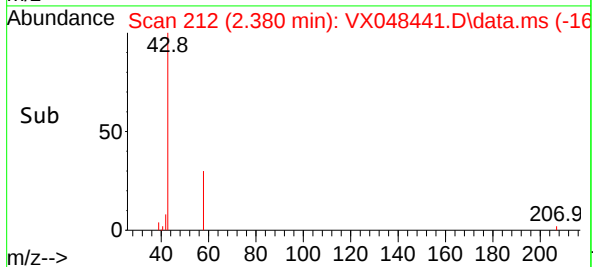
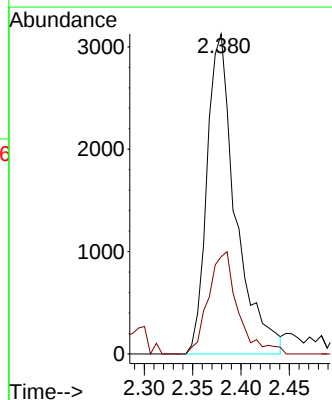
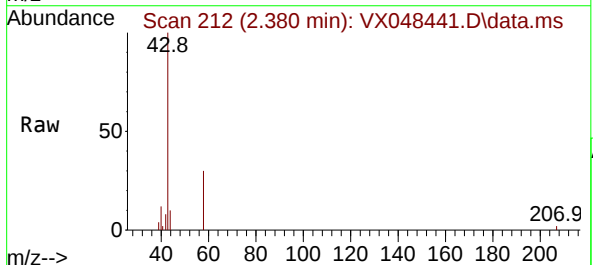
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-002

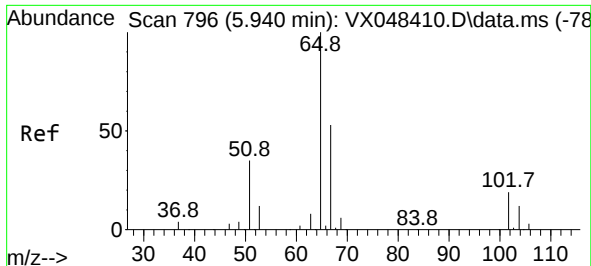
Tgt Ion:168 Resp: 110938
Ion Ratio Lower Upper
168 100
99 58.6 46.4 69.6



#16
Acetone
Concen: 17.807 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048441.D
Acq: 31 Oct 2025 18:14

Tgt Ion: 43 Resp: 6439
Ion Ratio Lower Upper
43 100
58 33.7 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 53.385 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048441.D

Acq: 31 Oct 2025 18:14

Instrument :

MSVOA_X

ClientSampleId :

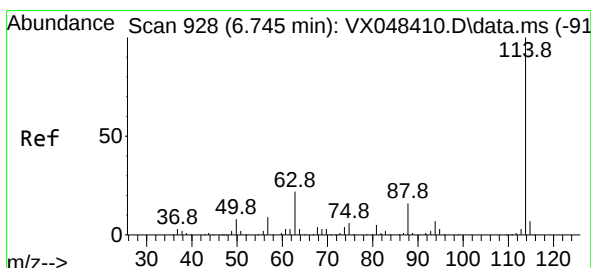
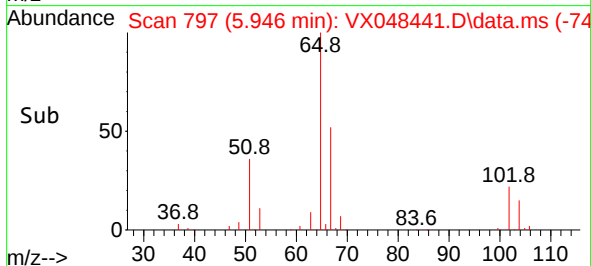
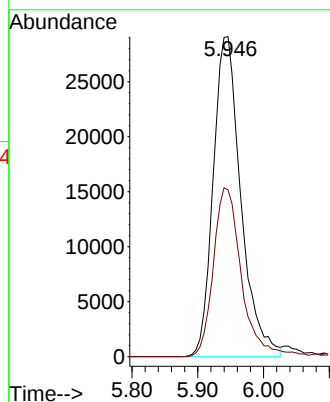
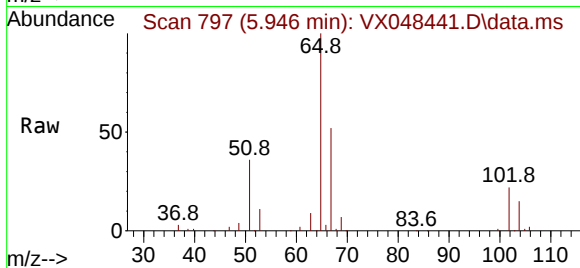
OUTFALL-002

Tgt Ion: 65 Resp: 85173

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048441.D

Acq: 31 Oct 2025 18:14

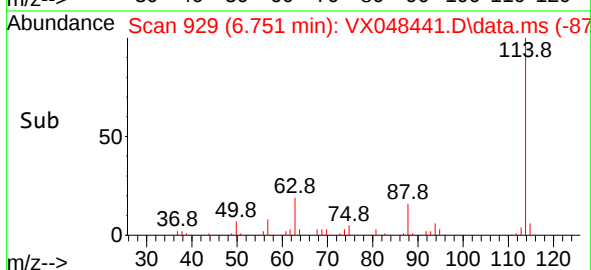
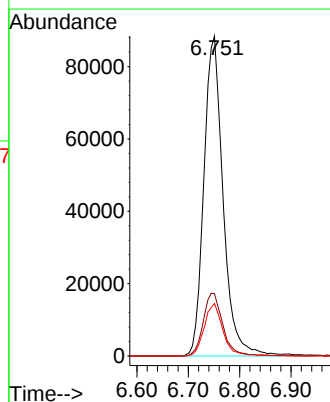
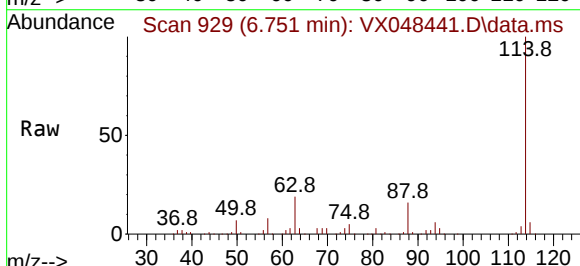
Tgt Ion: 114 Resp: 229120

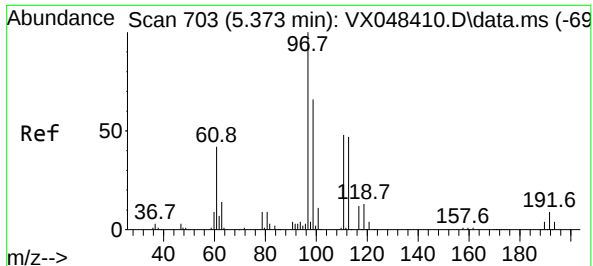
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 16.4 0.0 33.6

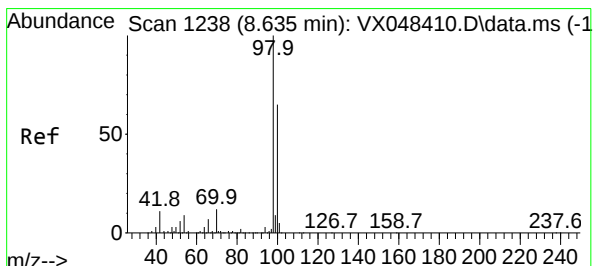
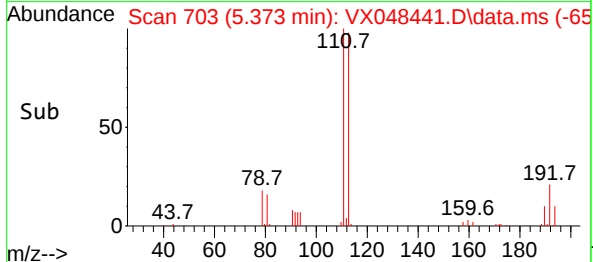
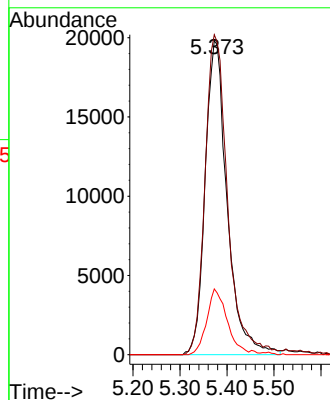
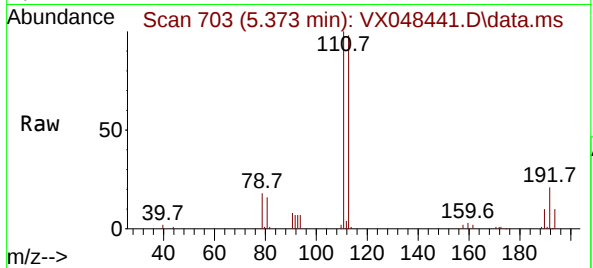




#35
Dibromofluoromethane
Concen: 49.254 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048441.D
Acq: 31 Oct 2025 18:14

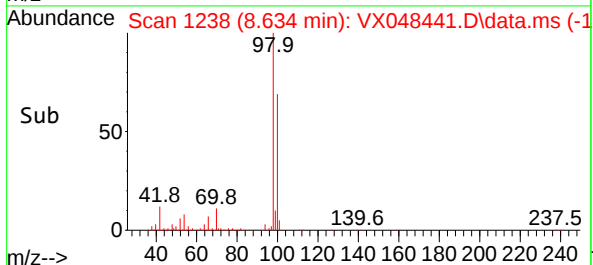
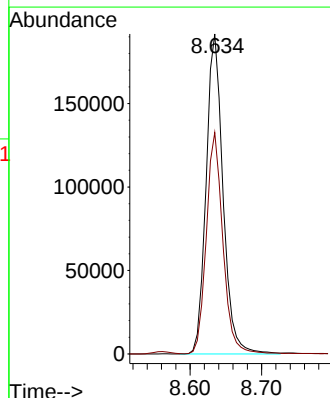
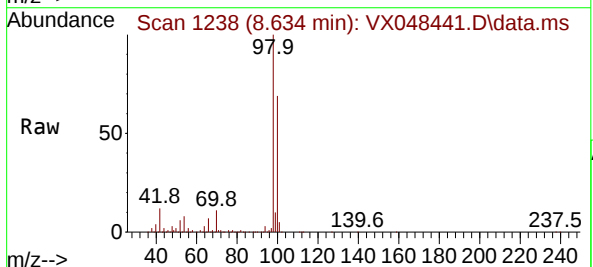
Instrument :
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ClientSampleId :
OUTFALL-002

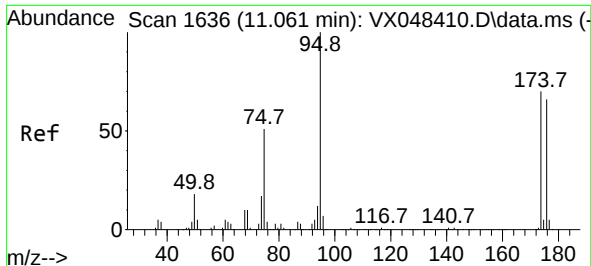
Tgt Ion:113 Resp: 64341
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 19.4 15.1 22.7



#50
Toluene-d8
Concen: 54.635 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048441.D
Acq: 31 Oct 2025 18:14

Tgt Ion: 98 Resp: 315046
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4

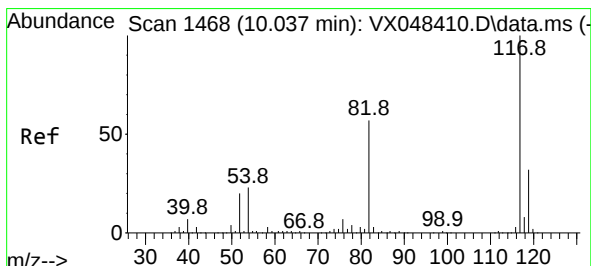
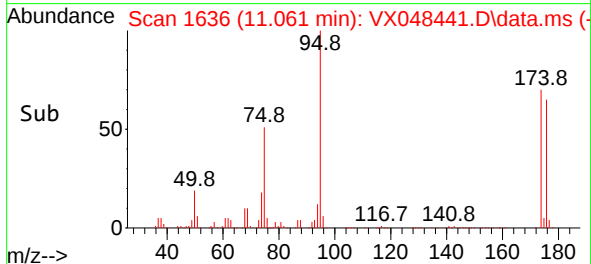
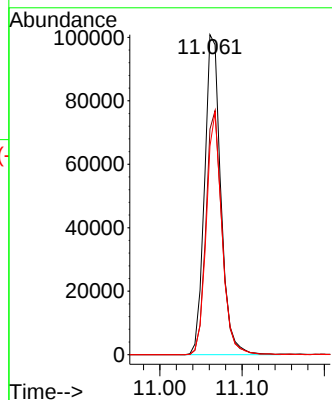
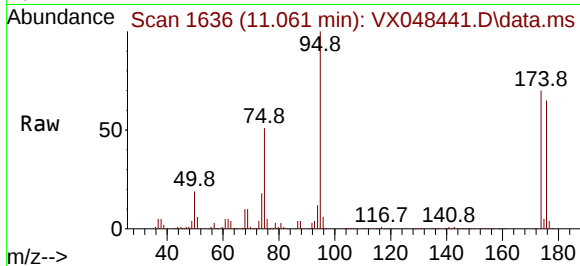




#62
4-Bromofluorobenzene
Concen: 64.120 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048441.D
Acq: 31 Oct 2025 18:14

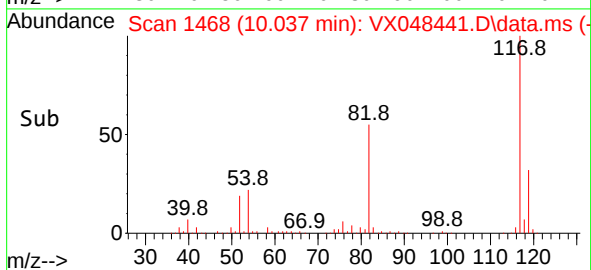
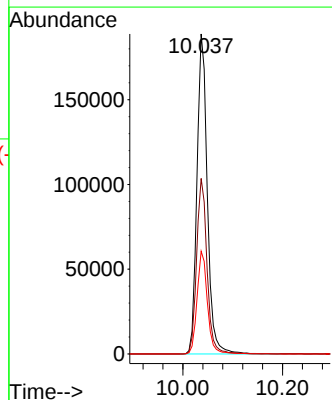
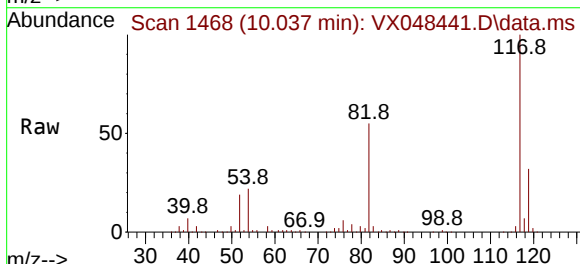
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-002

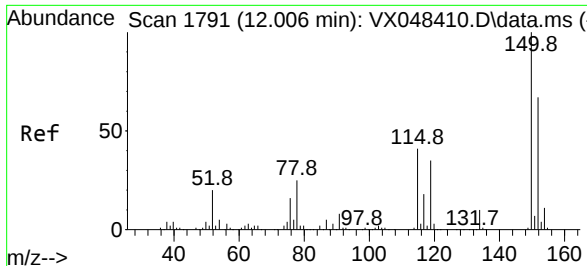
Tgt Ion: 95 Resp: 138312
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.8
176 72.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048441.D
Acq: 31 Oct 2025 18:14

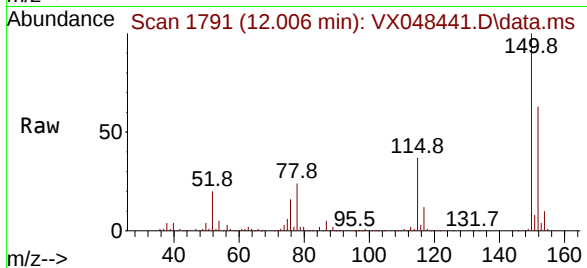
Tgt Ion: 117 Resp: 272455
Ion Ratio Lower Upper
117 100
82 54.8 46.5 69.7
119 32.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048441.D
 Acq: 31 Oct 2025 18:14

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-002



Tgt Ion:152 Resp: 140983
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.1 129.4
 150 157.8 0.0 353.0

