

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048212.D
 Acq On : 17 Oct 2025 15:11
 Operator : JC/MD
 Sample : Q3362-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Trip blank 251015076-03

Quant Time: Oct 18 00:19:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	101378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	201098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	214674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84980	54.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.220%	
35) Dibromofluoromethane	5.373	113	81667	58.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.020%	
50) Toluene-d8	8.634	98	239145	47.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.120%	
62) 4-Bromofluorobenzene	11.061	95	106803	58.320	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.640%	

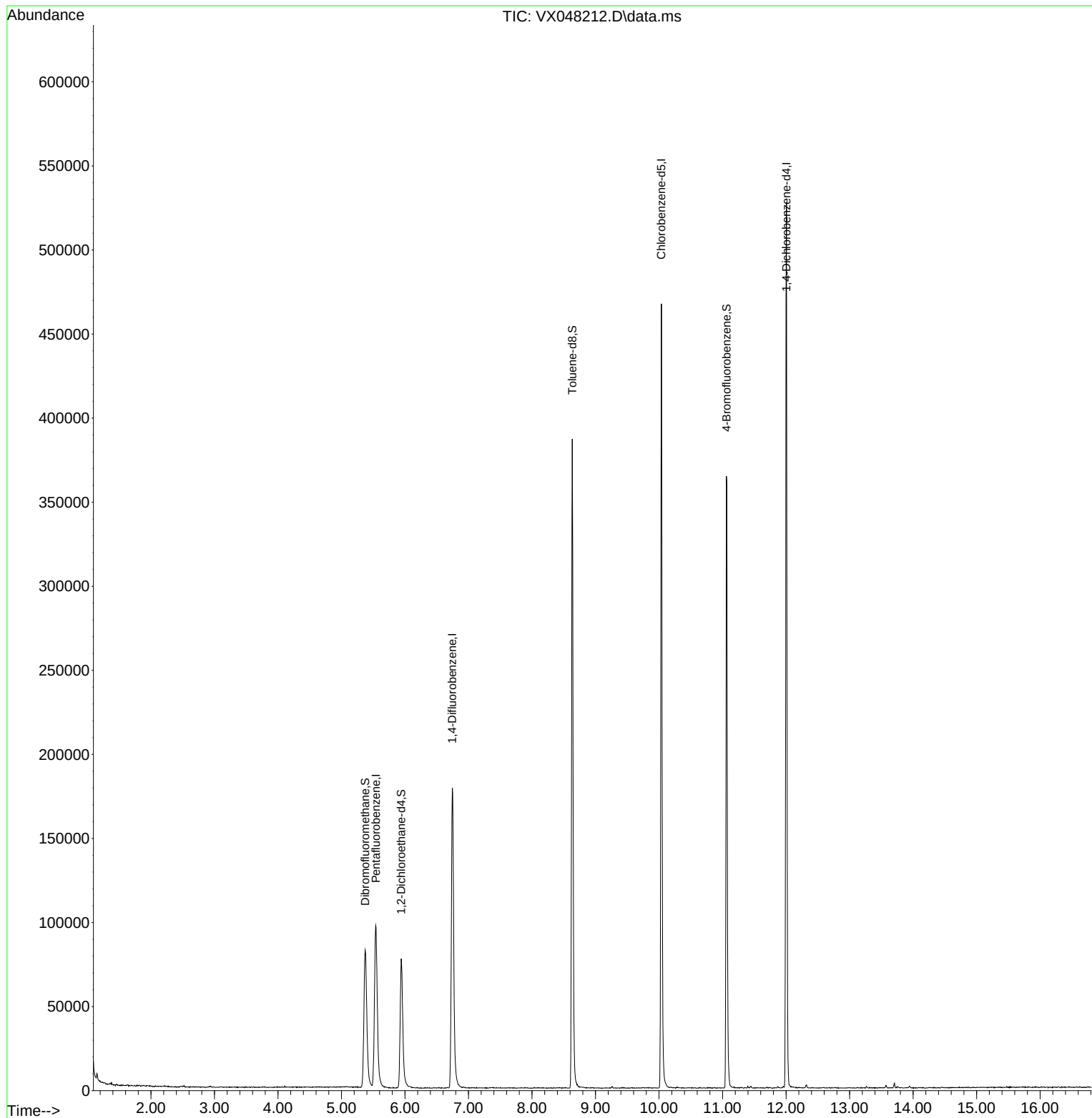
Target Compounds	Qvalue

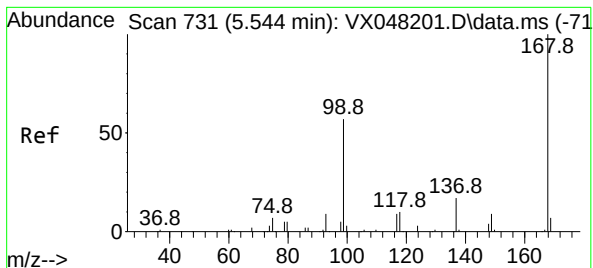
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

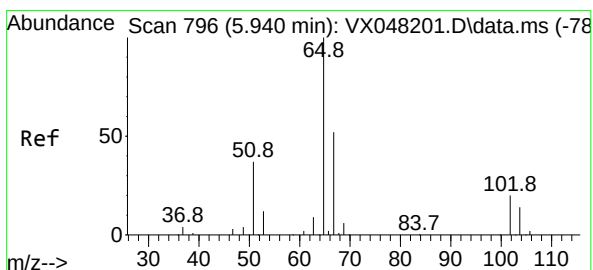
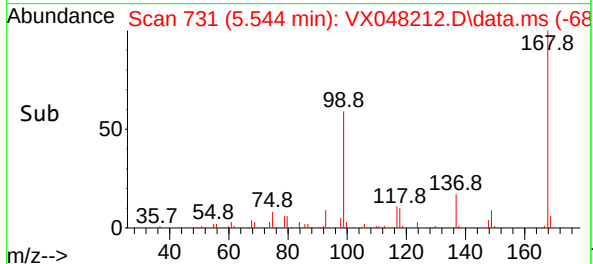
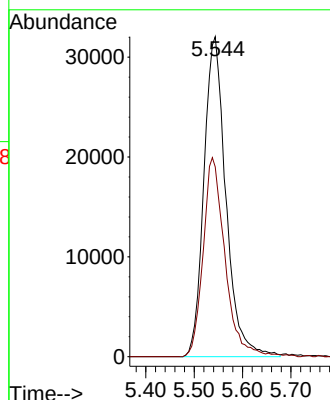
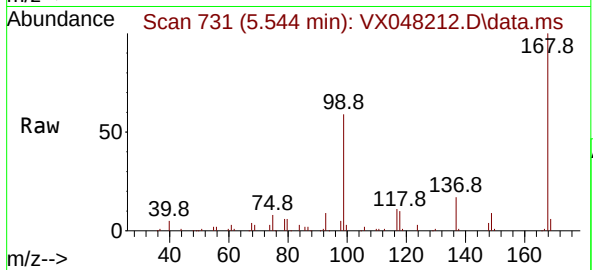
Trip blank 251015076-03

Tgt Ion:168 Resp: 101378

Ion Ratio Lower Upper

168 100

99 59.3 46.4 69.6



#33

1,2-Dichloroethane-d4

Concen: 54.108 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048212.D

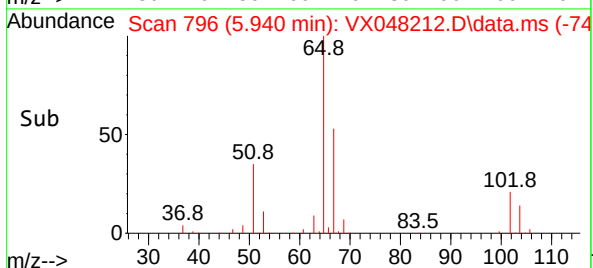
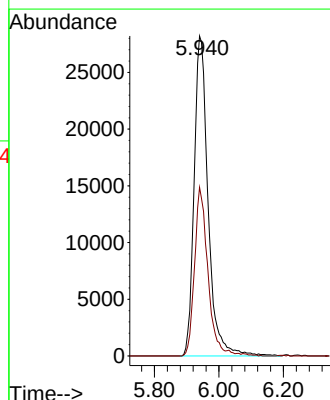
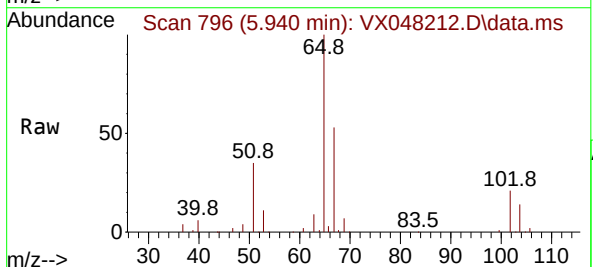
Acq: 17 Oct 2025 15:11

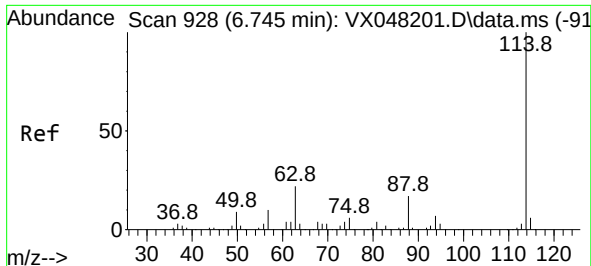
Tgt Ion: 65 Resp: 84980

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.0

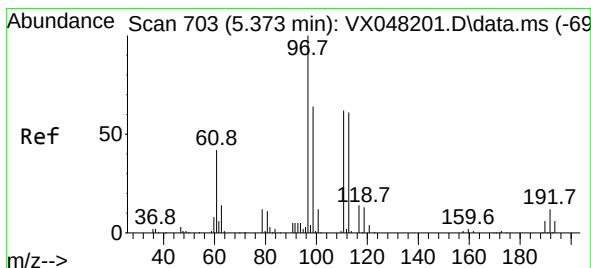
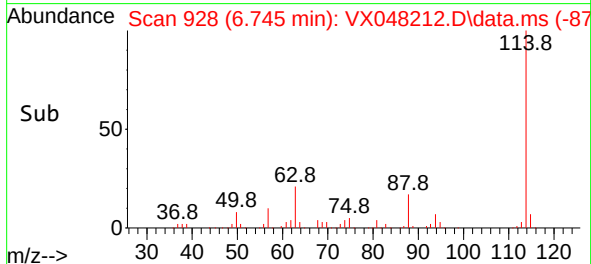
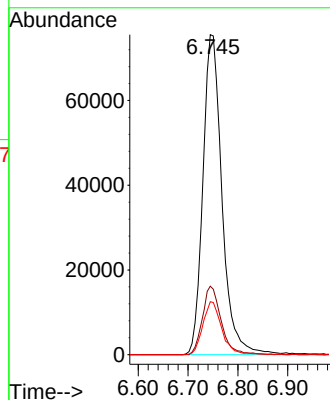
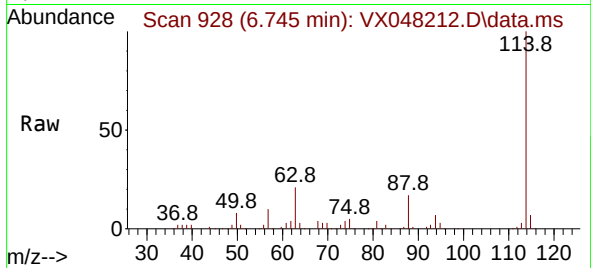




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048212.D
Acq: 17 Oct 2025 15:11

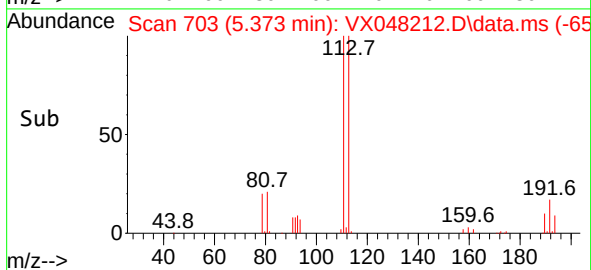
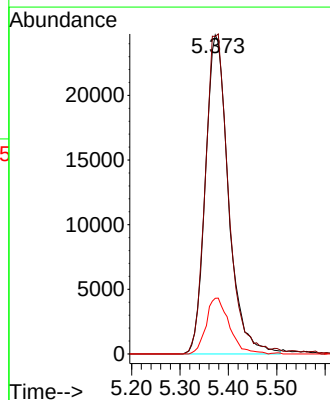
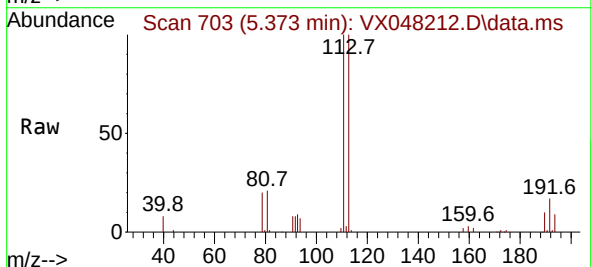
Instrument :
MSVOA_X
ClientSampleId :
Trip blank 251015076-03

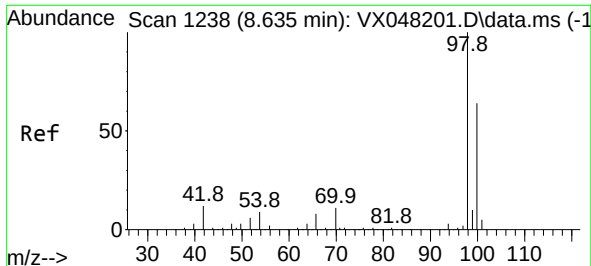
Tgt Ion:114 Resp: 201098
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 58.514 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048212.D
Acq: 17 Oct 2025 15:11

Tgt Ion:113 Resp: 81667
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 17.6 15.1 22.7

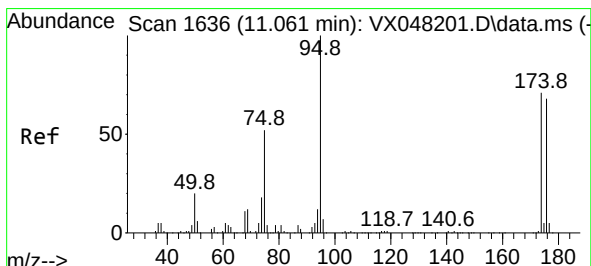
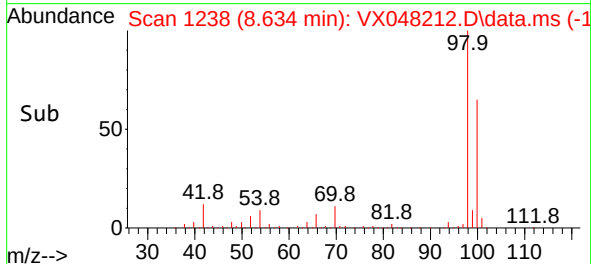
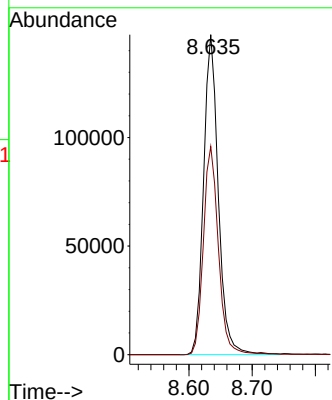
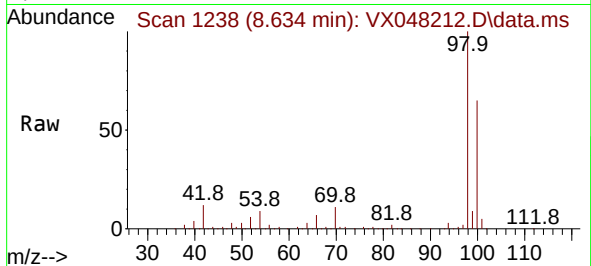




#50
Toluene-d8
Concen: 47.562 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048212.D
Acq: 17 Oct 2025 15:11

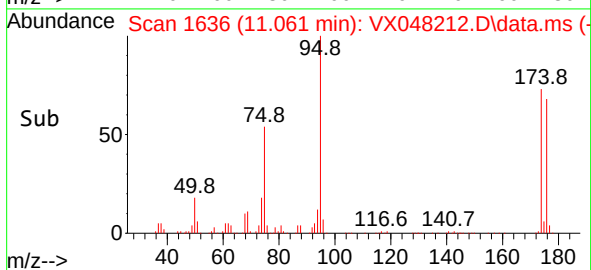
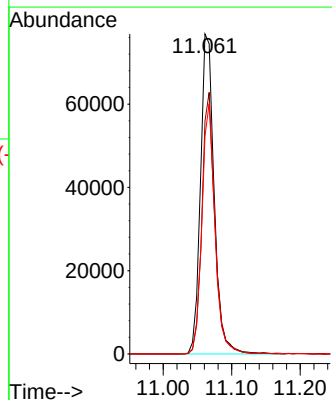
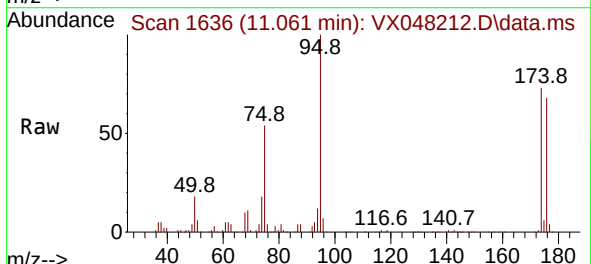
Instrument :
MSVOA_X
ClientSampleId :
Trip blank 251015076-03

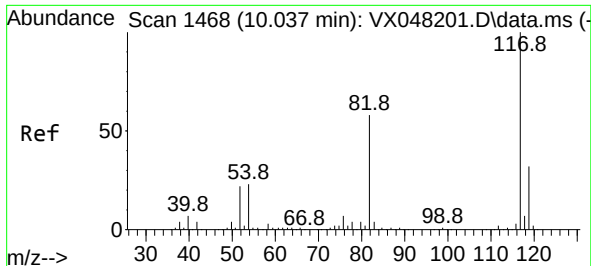
Tgt Ion: 98 Resp: 239145
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.320 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048212.D
Acq: 17 Oct 2025 15:11

Tgt Ion: 95 Resp: 106803
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.8
176 74.6 0.0 142.8

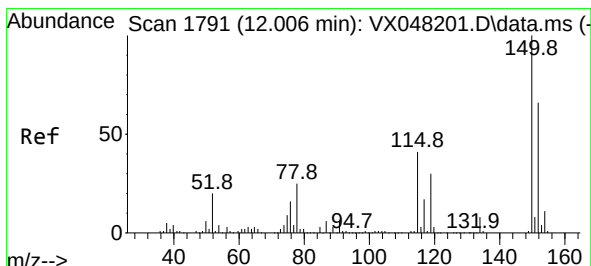
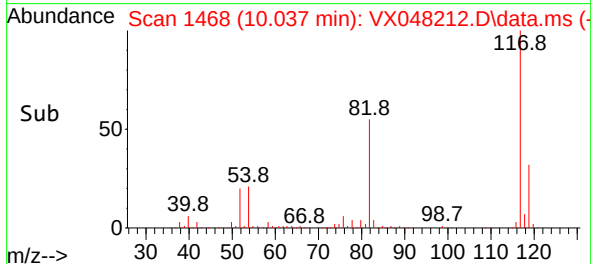
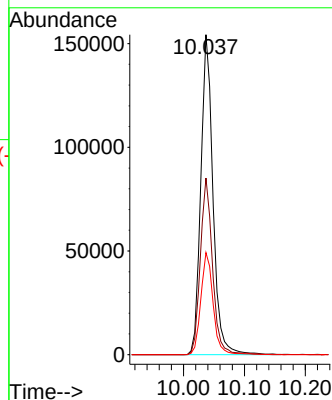
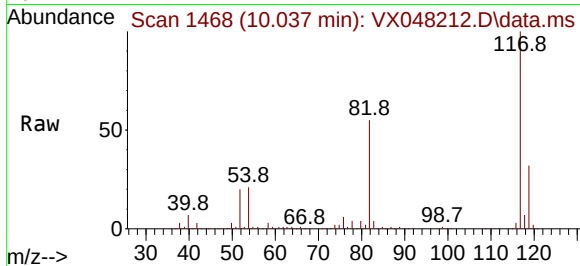




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048212.D
Acq: 17 Oct 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
Trip blank 251015076-03

Tgt Ion:117 Resp: 214674
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048212.D
Acq: 17 Oct 2025 15:11

Tgt Ion:152 Resp: 114293
Ion Ratio Lower Upper
152 100
115 61.4 43.1 129.4
150 157.9 0.0 353.0

