

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048046.D
 Acq On : 07 Oct 2025 12:41
 Operator : JC/MD
 Sample : Q3298-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251003

Quant Time: Oct 08 01:26:46 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)

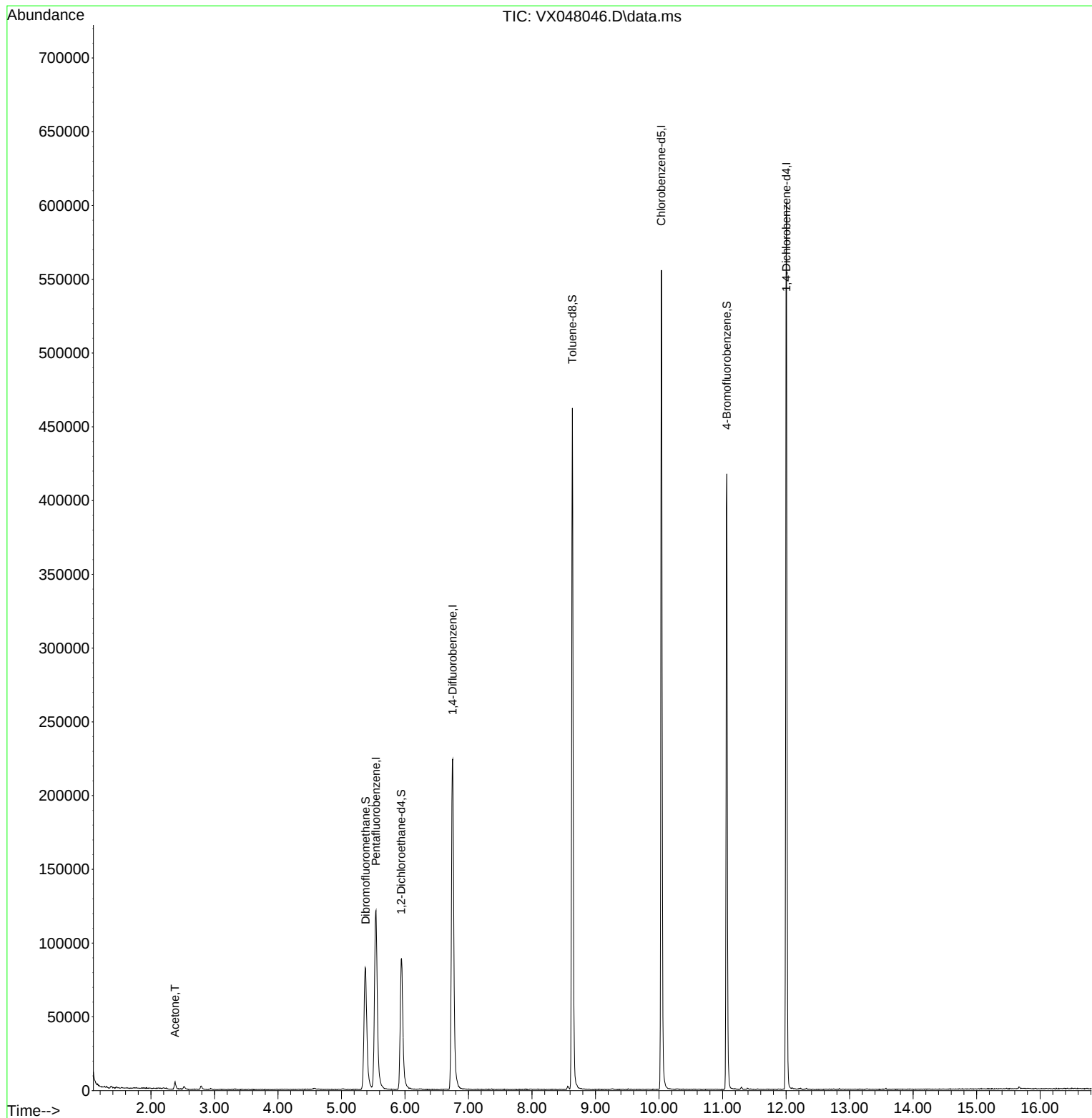
Internal Standards						
1) Pentafluorobenzene	5.544	168	121980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	247625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99609	51.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.600%
35) Dibromofluoromethane	5.379	113	81522	49.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.635	98	279587	48.654	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.067	95	117531	53.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.780%
Target Compounds						
16) Acetone	2.380	43	6241	7.393	ug/l	Qvalue 93

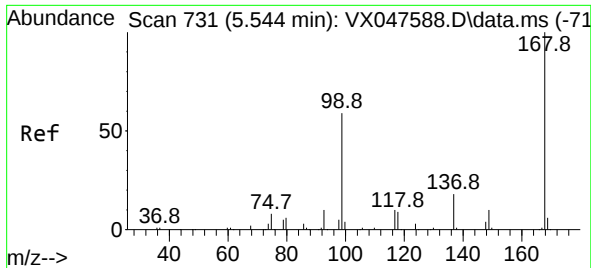
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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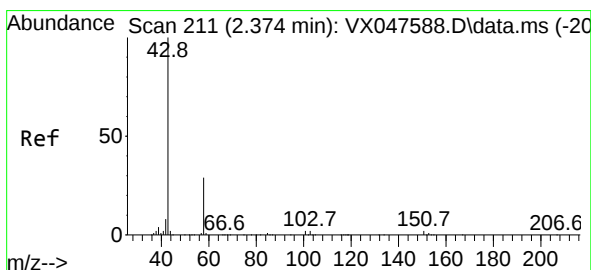
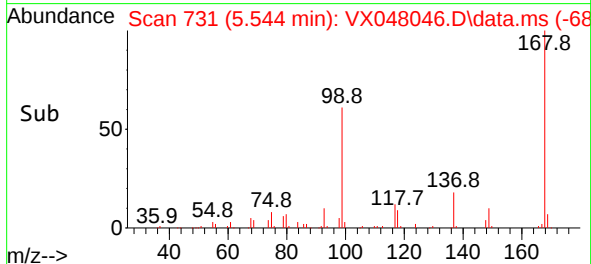
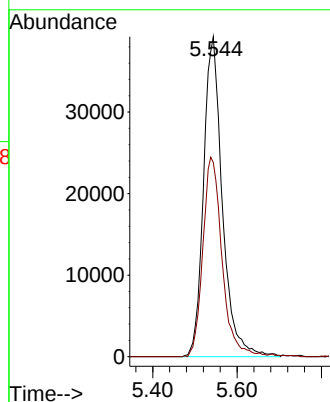
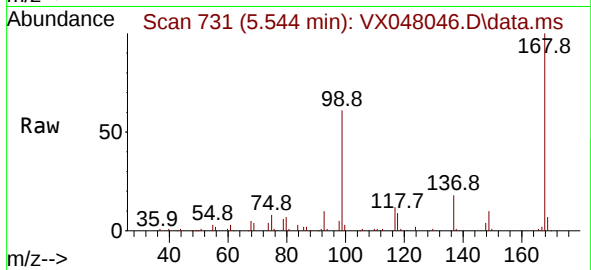




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048046.D
Acq: 07 Oct 2025 12:41

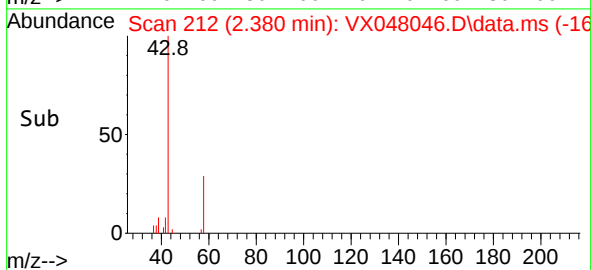
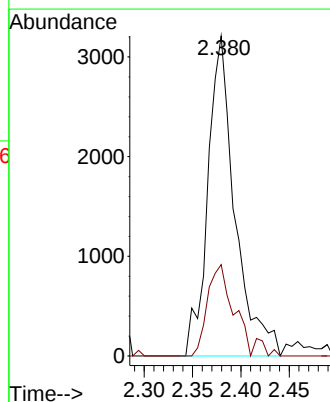
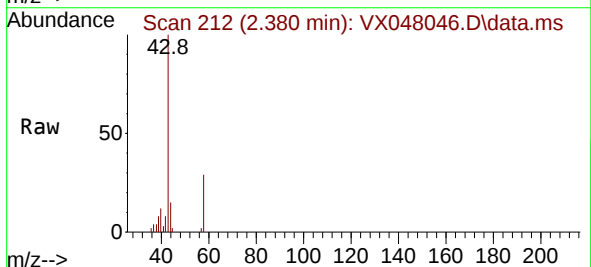
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251003

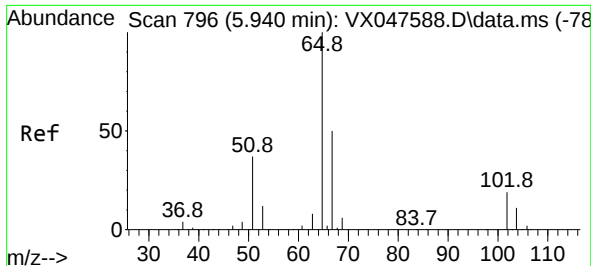
Tgt Ion:168 Resp: 121980
Ion Ratio Lower Upper
168 100
99 60.7 48.8 73.2



#16
Acetone
Concen: 7.393 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048046.D
Acq: 07 Oct 2025 12:41

Tgt Ion: 43 Resp: 6241
Ion Ratio Lower Upper
43 100
58 33.1 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 51.302 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048046.D

Acq: 07 Oct 2025 12:41

Instrument :

MSVOA_X

ClientSampleId :

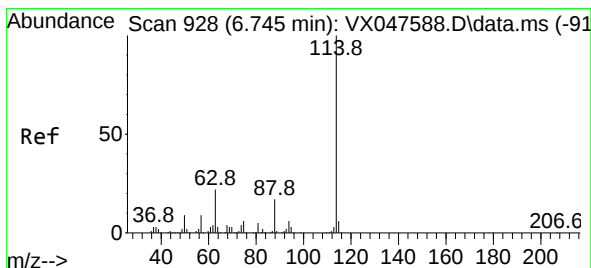
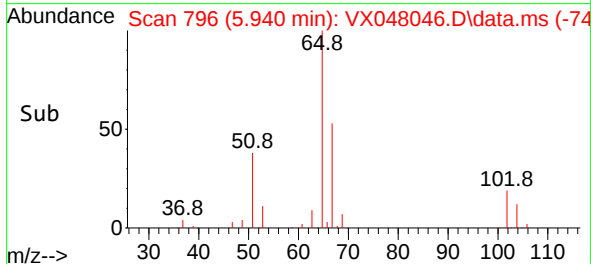
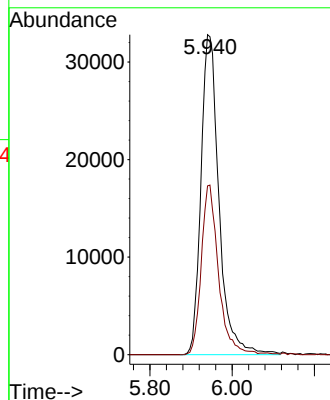
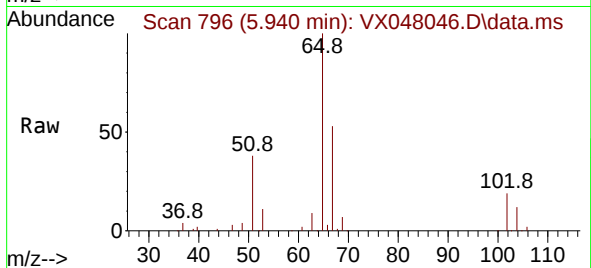
BP-VPB-184-EB-20251003

Tgt Ion: 65 Resp: 99609

Ion Ratio Lower Upper

65 100

67 50.7 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: VX048046.D

Acq: 07 Oct 2025 12:41

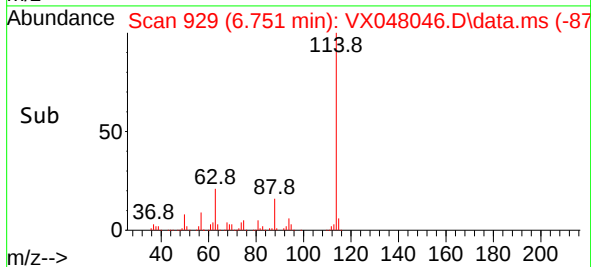
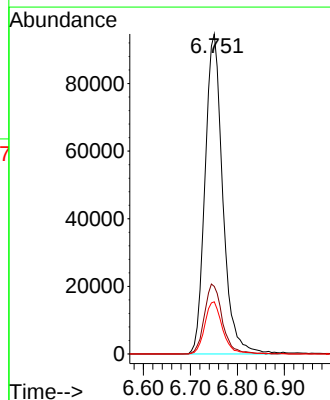
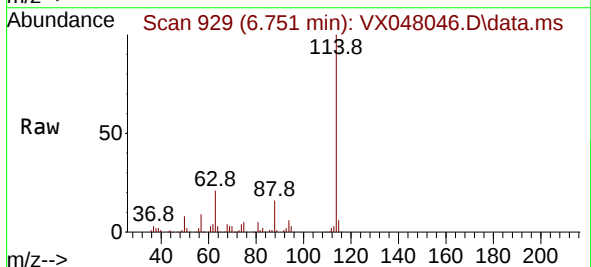
Tgt Ion: 114 Resp: 247625

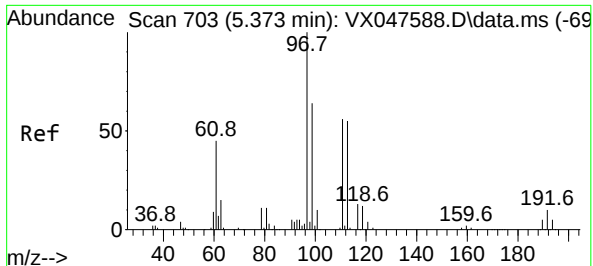
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.3 0.0 34.2

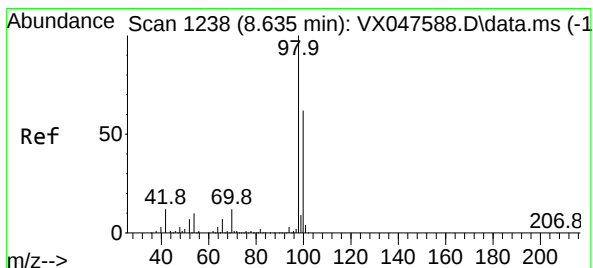
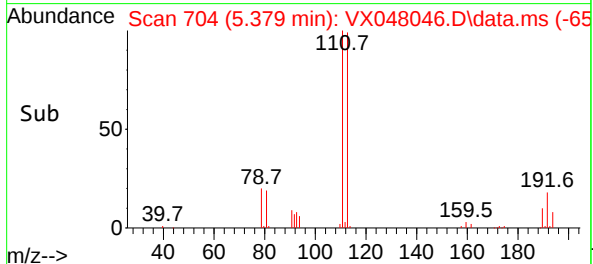
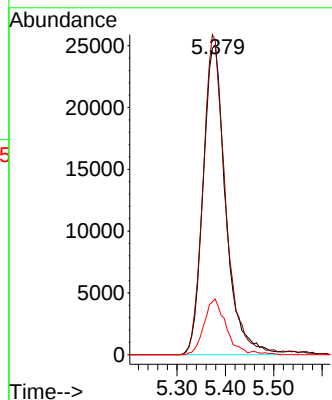
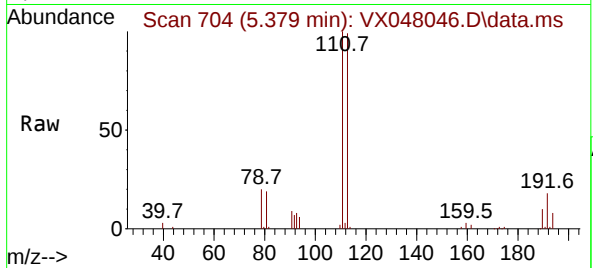




#35
Dibromofluoromethane
Concen: 49.089 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048046.D
Acq: 07 Oct 2025 12:41

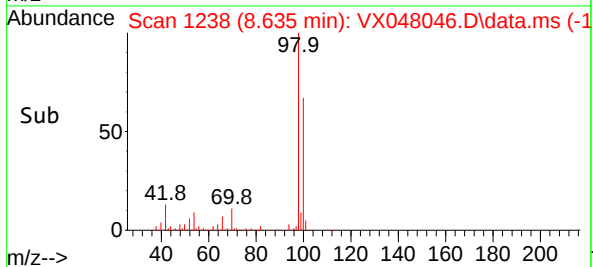
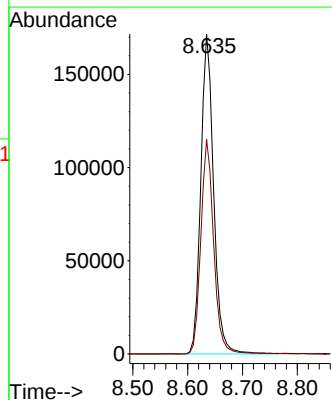
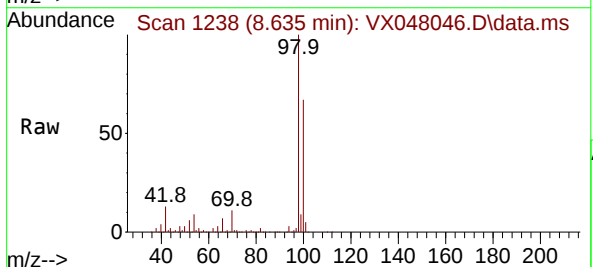
Instrument :
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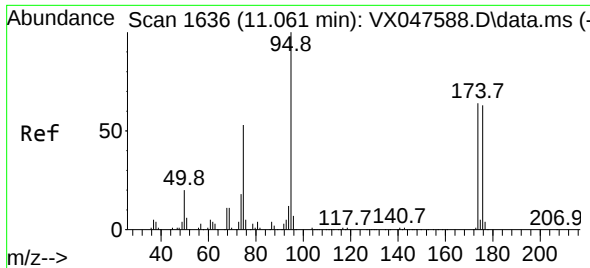
Tgt Ion:113 Resp: 81522
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048046.D
Acq: 07 Oct 2025 12:41

Tgt Ion: 98 Resp: 279587
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

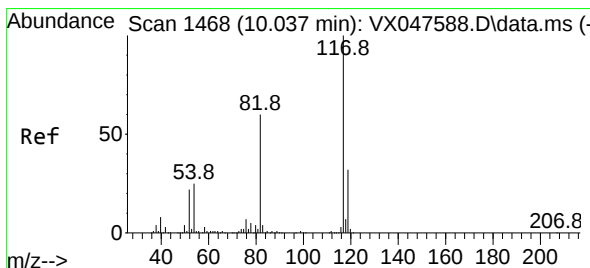
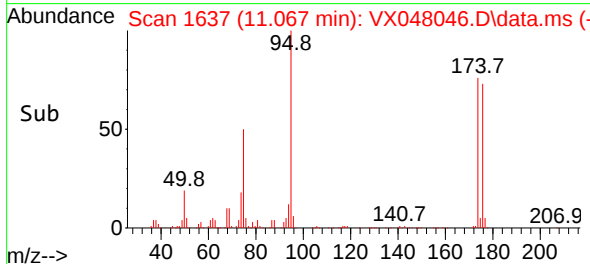
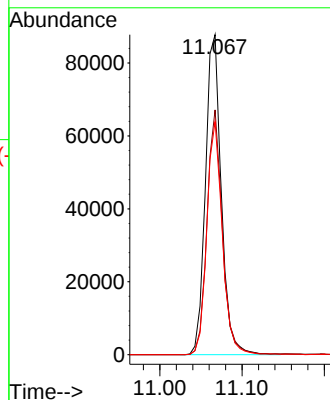
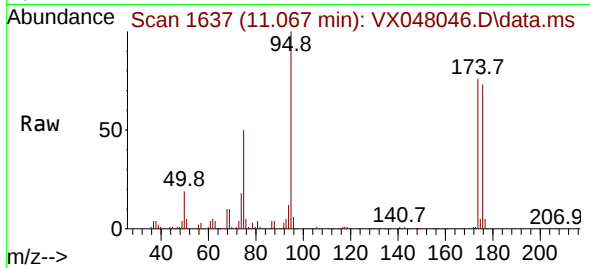




#62
4-Bromofluorobenzene
Concen: 53.892 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048046.D
Acq: 07 Oct 2025 12:41

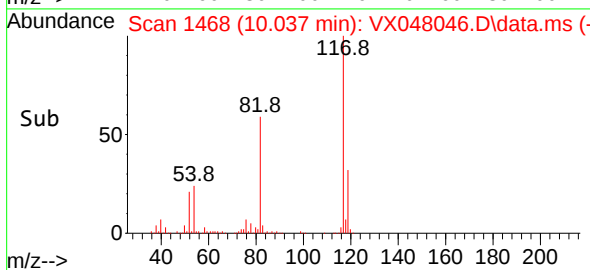
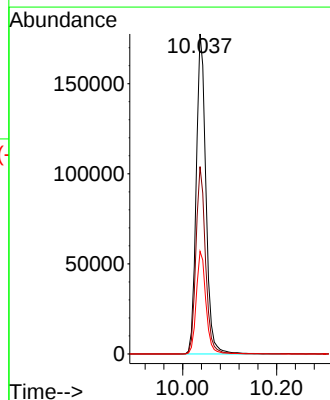
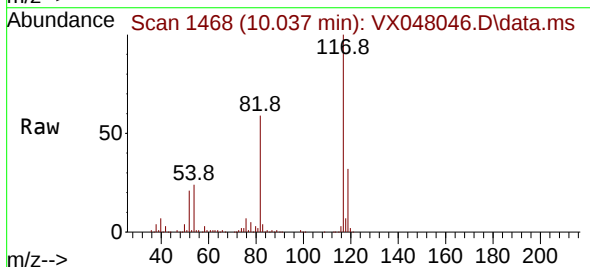
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251003

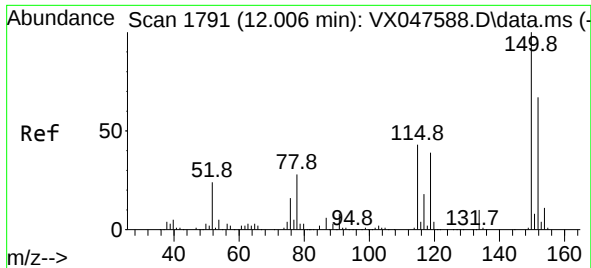
Tgt Ion: 95 Resp: 117531
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 71.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048046.D
Acq: 07 Oct 2025 12:41

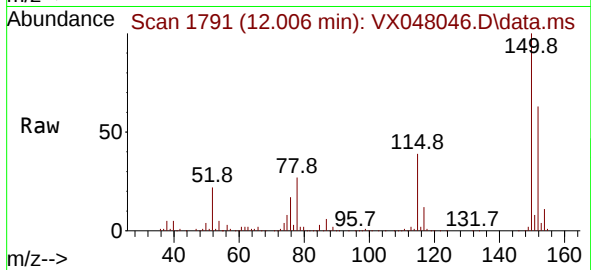
Tgt Ion: 117 Resp: 255671
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048046.D
 Acq: 07 Oct 2025 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251003



Tgt Ion:152 Resp: 126909
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.9 134.5
 150 155.3 0.0 352.0

