

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048004.D
 Acq On : 03 Oct 2025 18:41
 Operator : JC/MD
 Sample : Q3248-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-685-687

Quant Time: Oct 03 23:54:49 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)

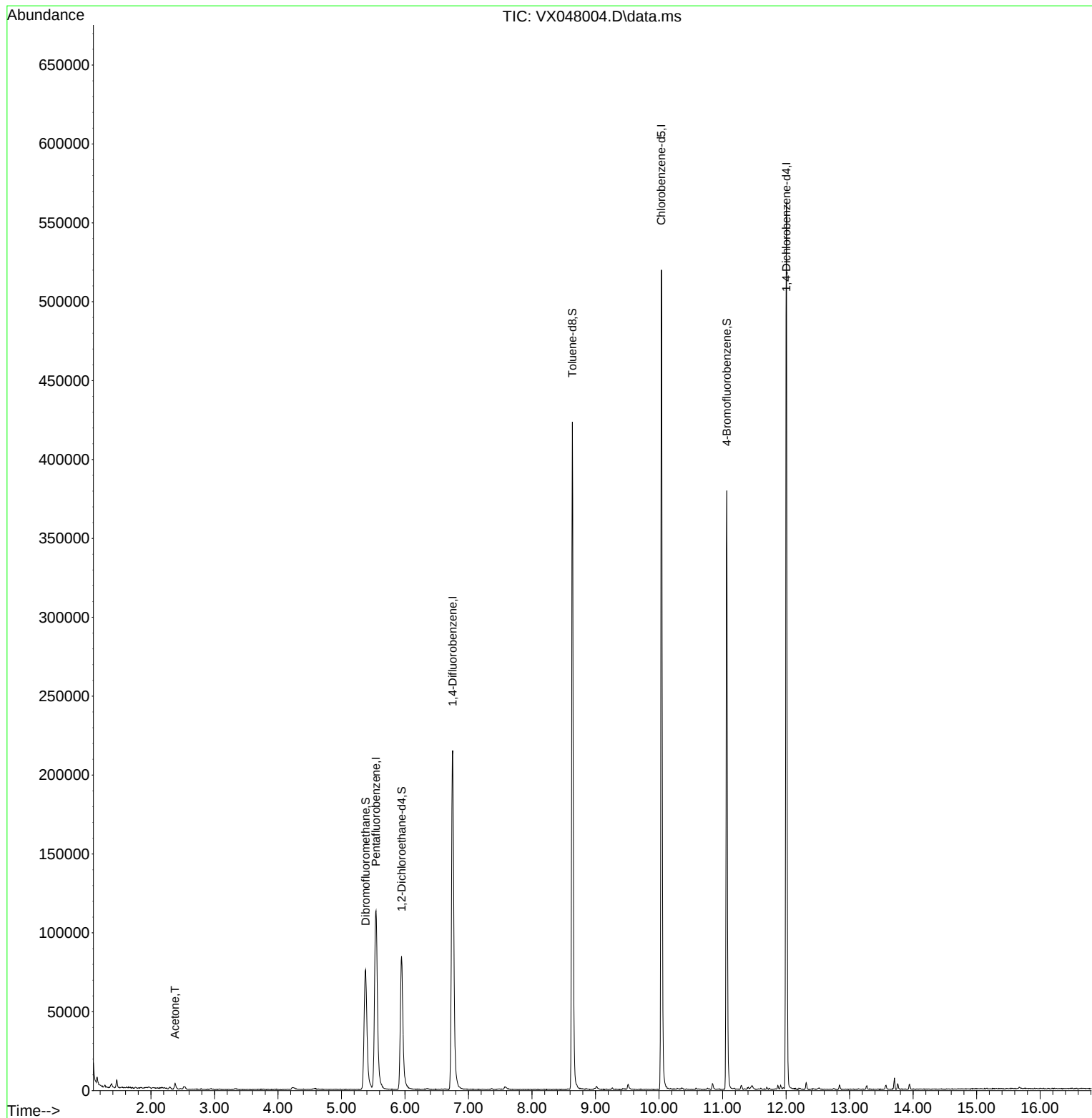
Internal Standards						
1) Pentafluorobenzene	5.544	168	115930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	233399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	238258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90546	49.068	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.140%
35) Dibromofluoromethane	5.379	113	74933	47.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.634	98	256028	47.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.067	95	107438	52.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.540%
Target Compounds						
16) Acetone	2.380	43	4414	5.501	ug/l	Qvalue 93

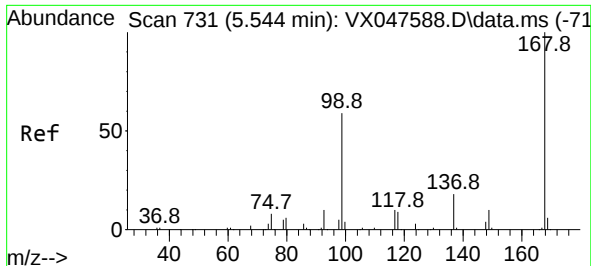
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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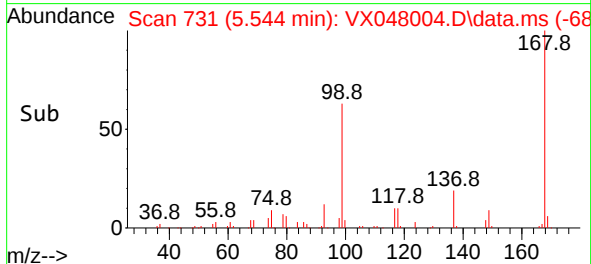
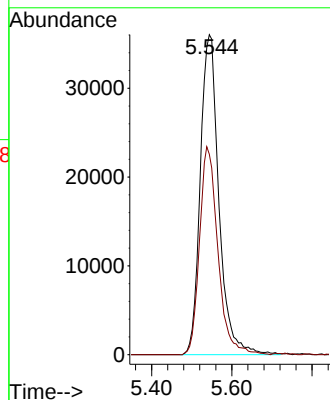
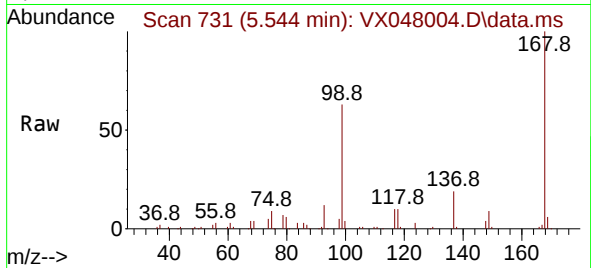




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048004.D
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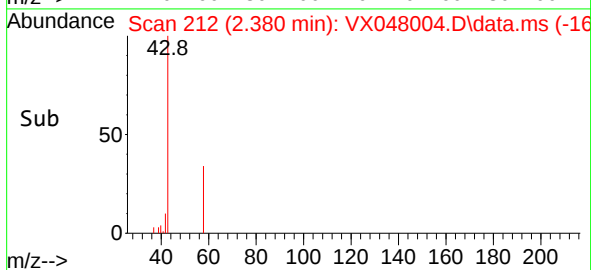
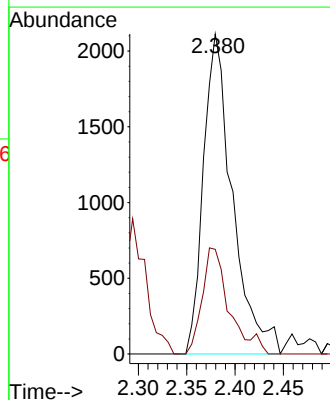
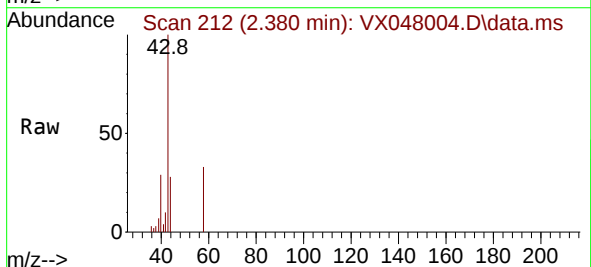
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-685-687

Tgt Ion:168 Resp: 115930
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#16
Acetone
Concen: 5.501 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048004.D
Acq: 03 Oct 2025 18:41

Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
58 32.7 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 49.068 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048004.D

Acq: 03 Oct 2025 18:41

Instrument :

MSVOA_X

ClientSampleId :

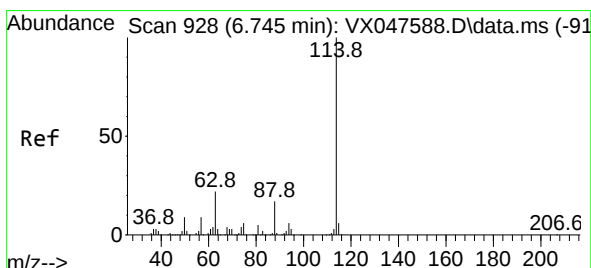
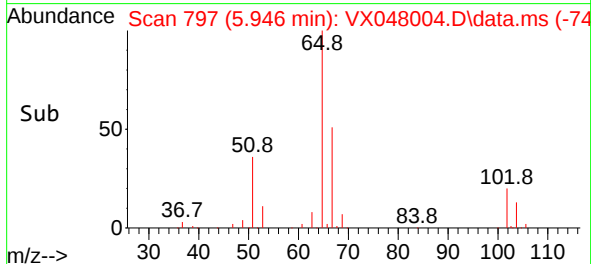
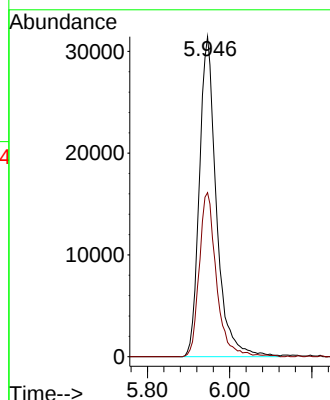
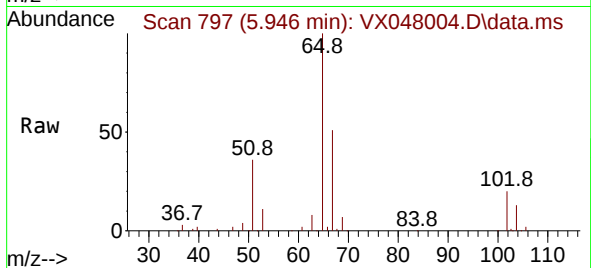
BP-VPB-184-GW-685-687

Tgt Ion: 65 Resp: 90546

Ion Ratio Lower Upper

65 100

67 51.5 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: VX048004.D

Acq: 03 Oct 2025 18:41

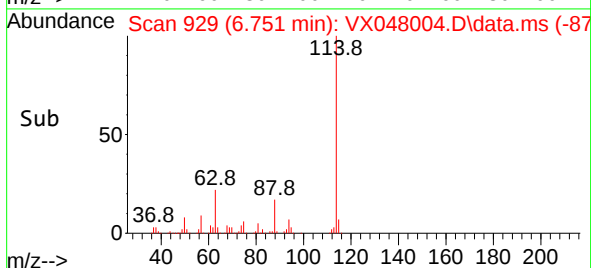
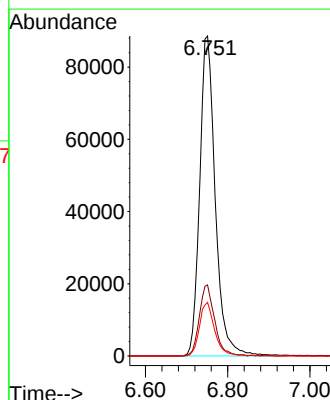
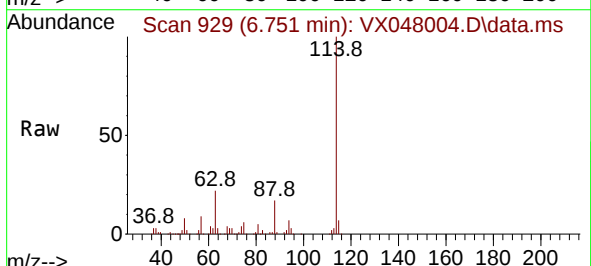
Tgt Ion: 114 Resp: 233399

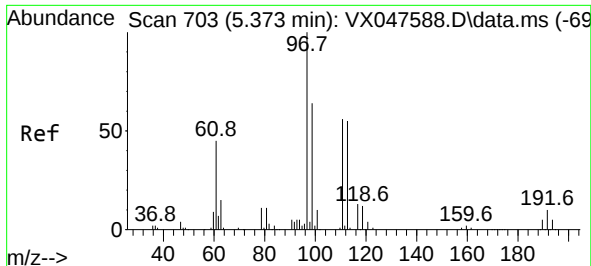
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.8 0.0 34.2

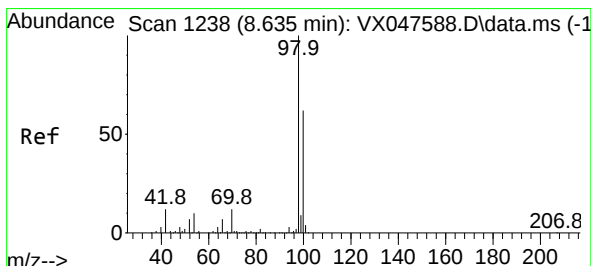
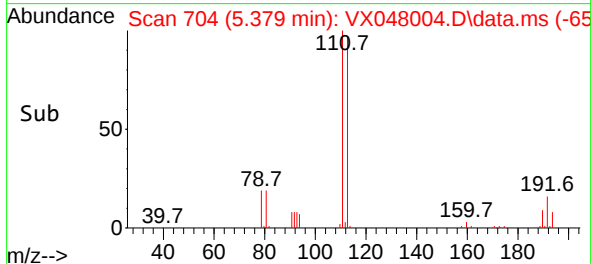
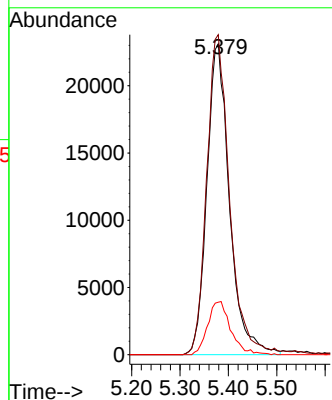
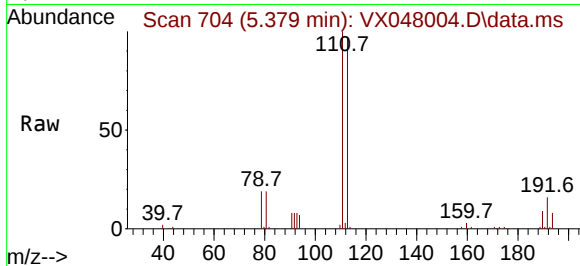




#35
Dibromofluoromethane
Concen: 47.871 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048004.D
Acq: 03 Oct 2025 18:41

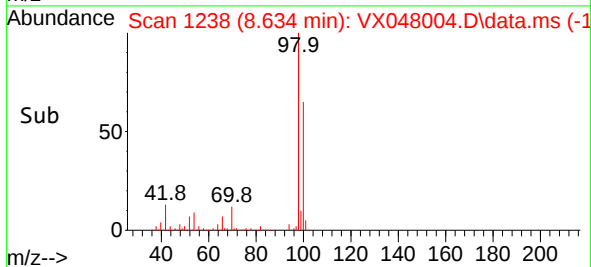
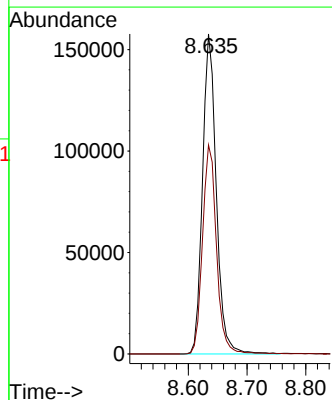
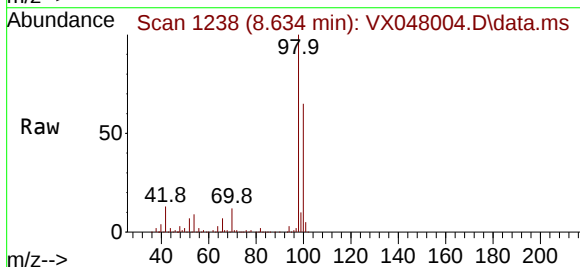
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-685-687

Tgt Ion:113 Resp: 74933
Ion Ratio Lower Upper
113 100
111 104.7 80.9 121.3
192 17.5 14.2 21.4



#50
Toluene-d8
Concen: 47.270 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048004.D
Acq: 03 Oct 2025 18:41

Tgt Ion: 98 Resp: 256028
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

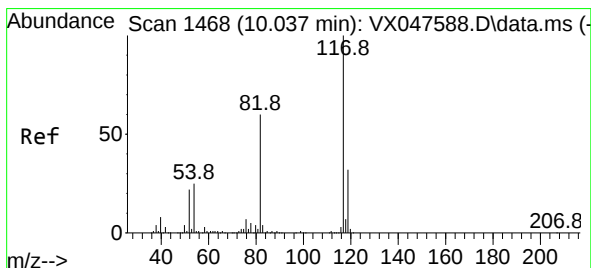
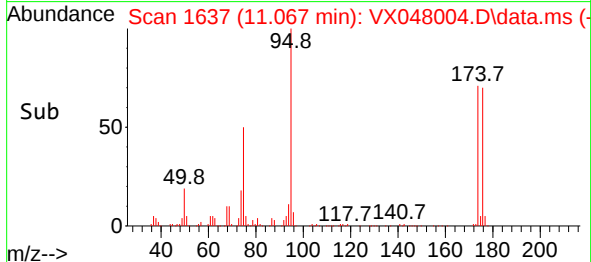
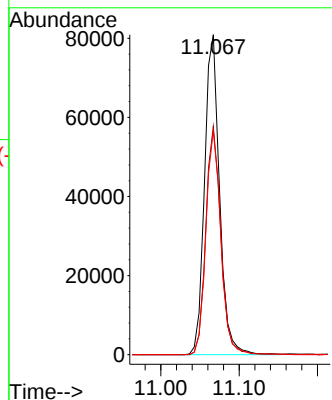
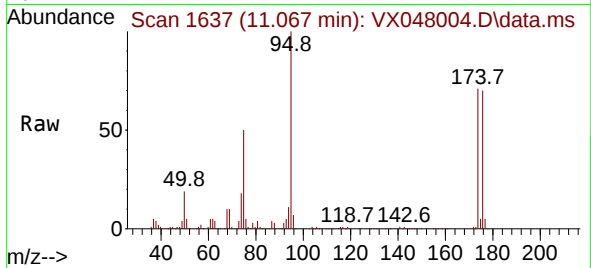




#62
4-Bromofluorobenzene
Concen: 52.267 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048004.D
Acq: 03 Oct 2025 18:41

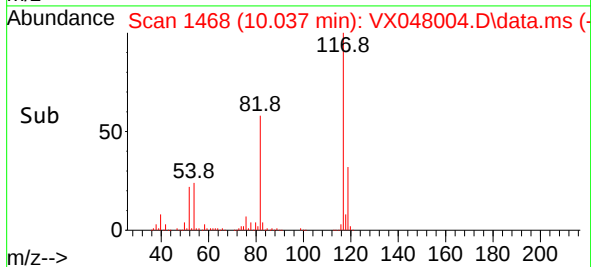
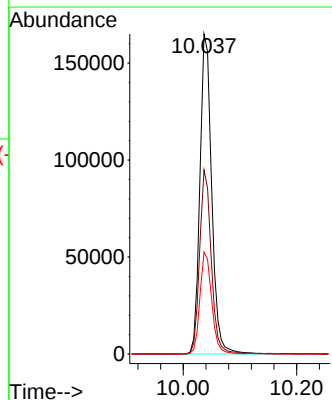
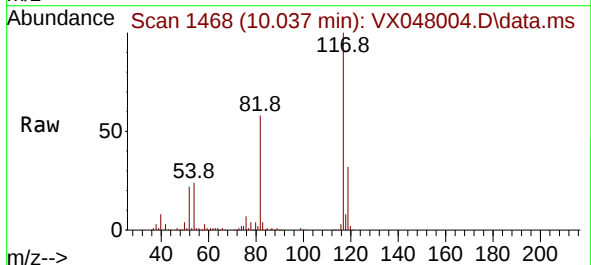
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-685-687

Tgt Ion: 95 Resp: 107438
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.7 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: VX048004.D
Acq: 03 Oct 2025 18:41

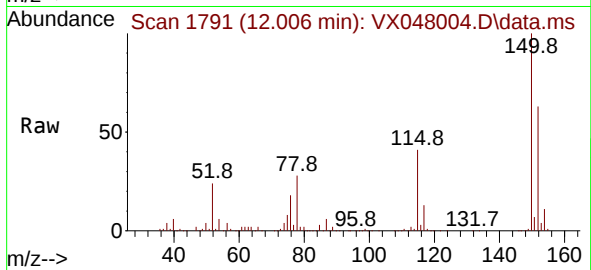
Tgt Ion: 117 Resp: 238258
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048004.D
 Acq: 03 Oct 2025 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-685-687



Tgt Ion:152 Resp: 114439
 Ion Ratio Lower Upper
 152 100
 115 64.3 44.9 134.5
 150 158.2 0.0 352.0

