

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048001.D
 Acq On : 03 Oct 2025 17:38
 Operator : JC/MD
 Sample : Q3248-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-640-642

Quant Time: Oct 03 23:53:04 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)

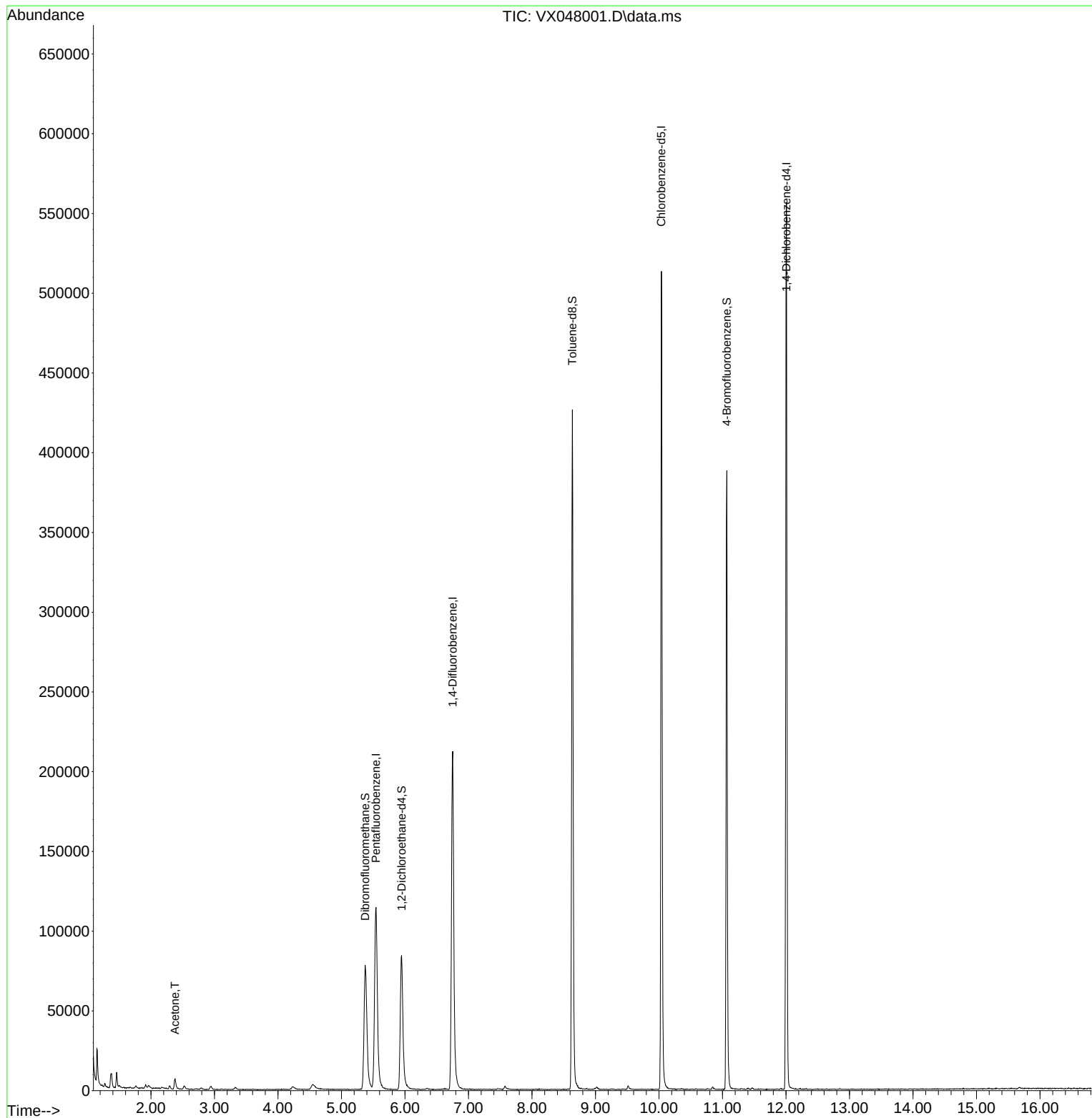
Internal Standards						
1) Pentafluorobenzene	5.544	168	114921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	230401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	237241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91711	50.136	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.280%	
35) Dibromofluoromethane	5.373	113	76762	49.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.360%	
50) Toluene-d8	8.635	98	258496	48.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.700%	
62) 4-Bromofluorobenzene	11.067	95	108760	53.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.200%	
Target Compounds						Qvalue
16) Acetone	2.380	43	8407	10.570	ug/l	92

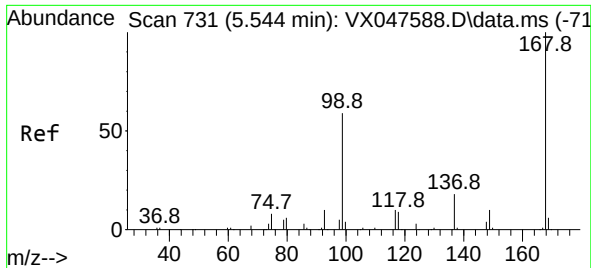
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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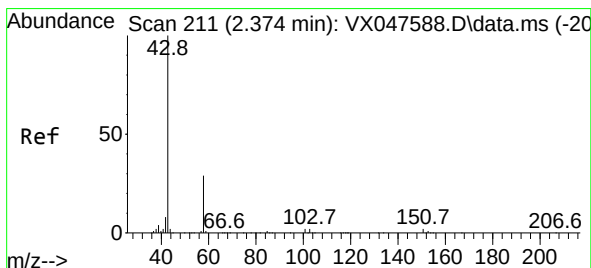
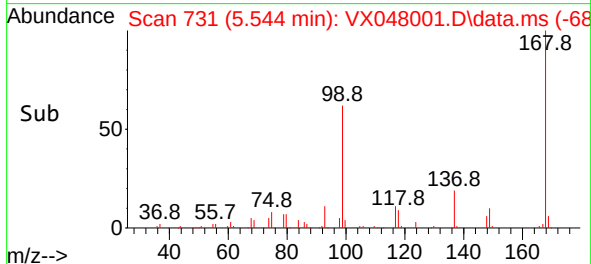
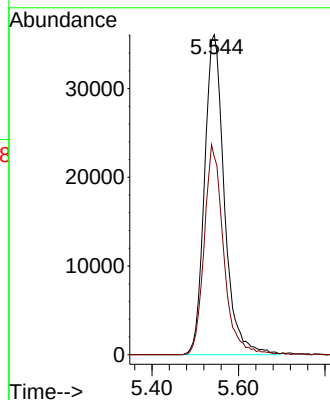
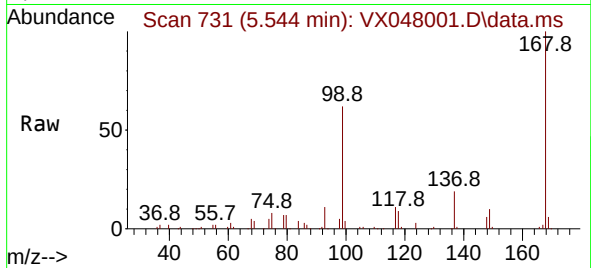




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048001.D
Acq: 03 Oct 2025 17:38

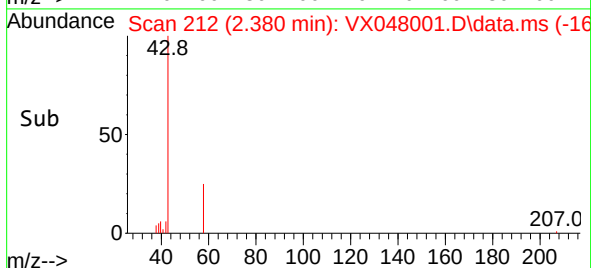
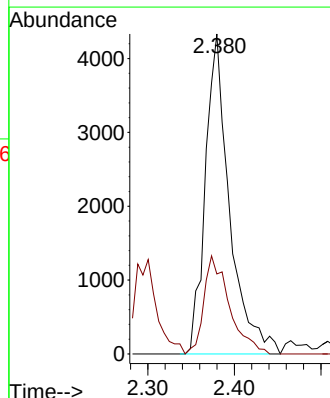
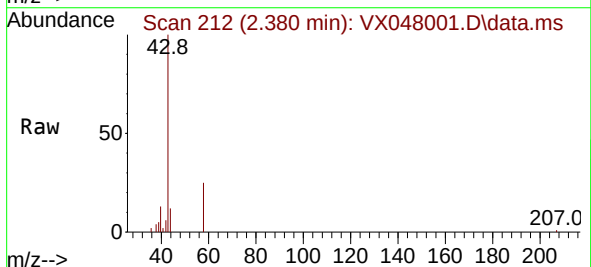
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-640-642

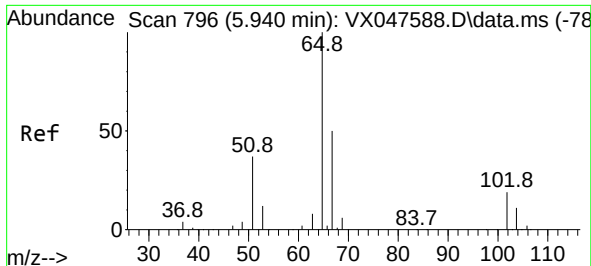
Tgt Ion:168 Resp: 114921
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2



#16
Acetone
Concen: 10.570 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048001.D
Acq: 03 Oct 2025 17:38

Tgt Ion: 43 Resp: 8407
Ion Ratio Lower Upper
43 100
58 25.0 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 50.136 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048001.D

Acq: 03 Oct 2025 17:38

Instrument :

MSVOA_X

ClientSampleId :

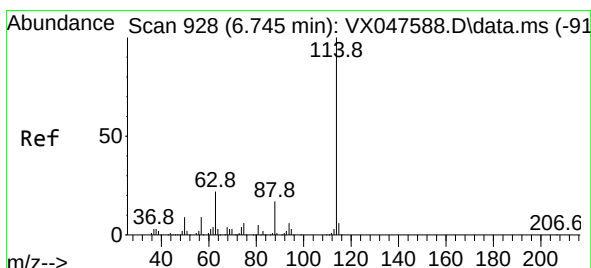
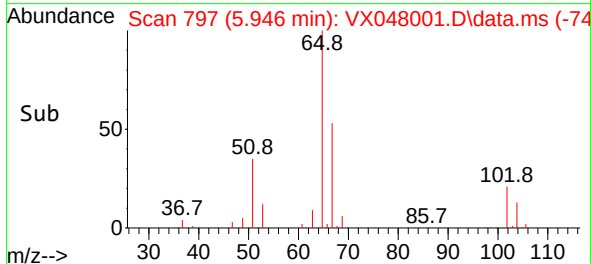
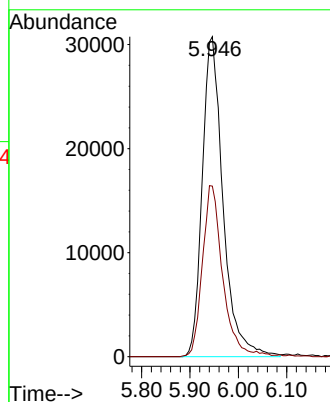
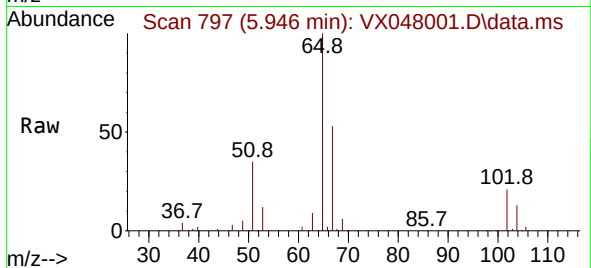
BP-VPB-184-GW-640-642

Tgt Ion: 65 Resp: 91711

Ion Ratio Lower Upper

65 100

67 52.3 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: VX048001.D

Acq: 03 Oct 2025 17:38

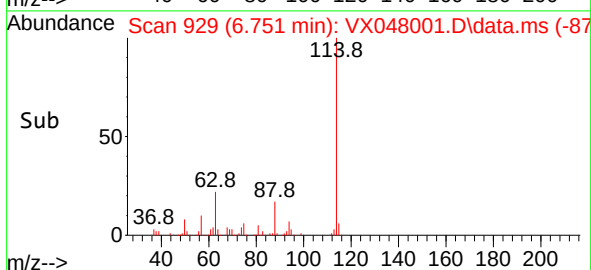
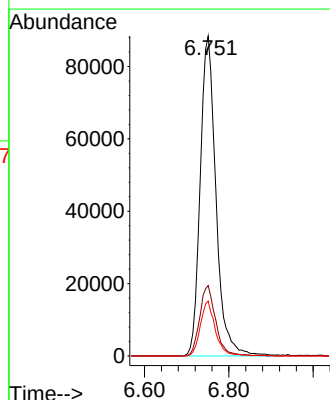
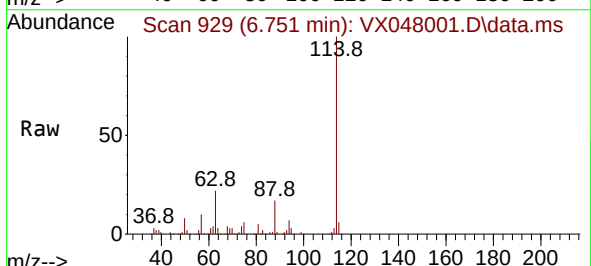
Tgt Ion: 114 Resp: 230401

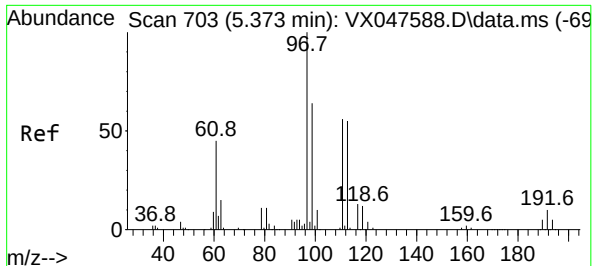
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 17.1 0.0 34.2

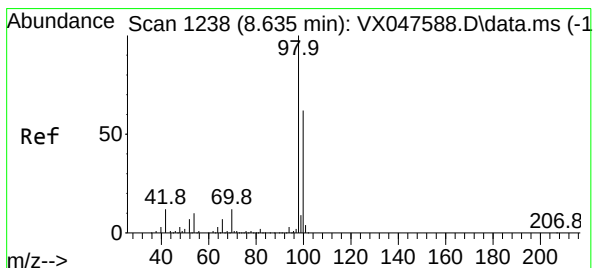
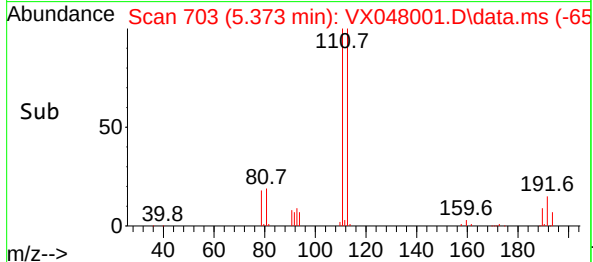
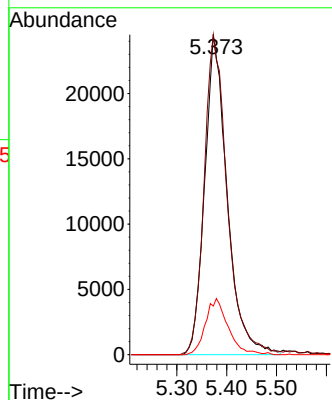
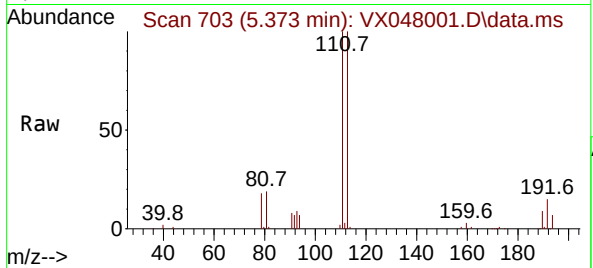




#35
 Dibromofluoromethane
 Concen: 49.678 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: VX048001.D
 Acq: 03 Oct 2025 17:38

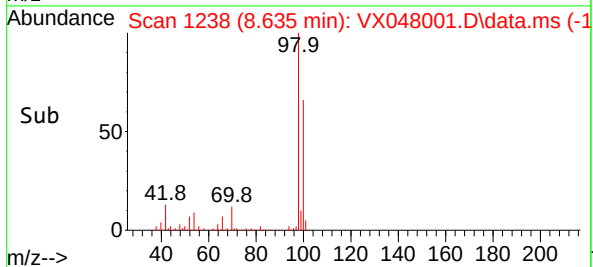
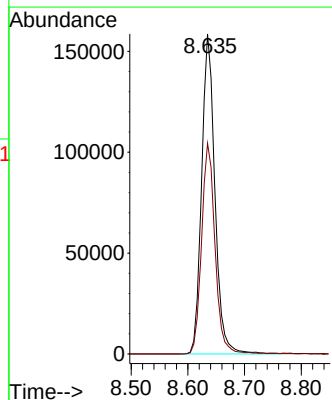
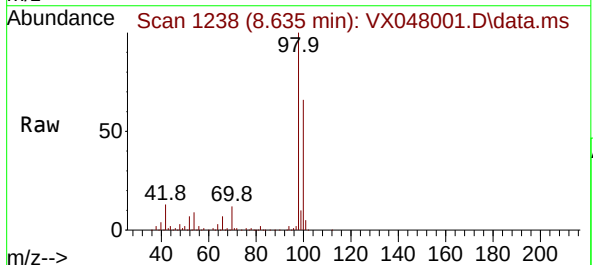
Instrument :
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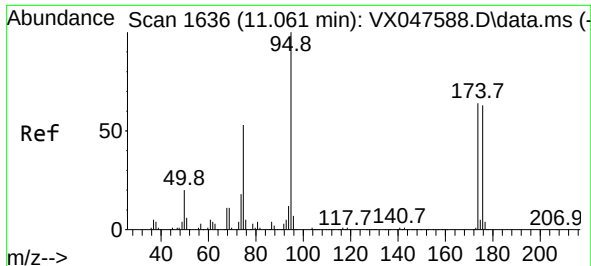
Tgt Ion:113 Resp: 76762
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.9 121.3
 192 17.6 14.2 21.4



#50
 Toluene-d8
 Concen: 48.347 ug/l
 RT: 8.635 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: VX048001.D
 Acq: 03 Oct 2025 17:38

Tgt Ion: 98 Resp: 258496
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.4

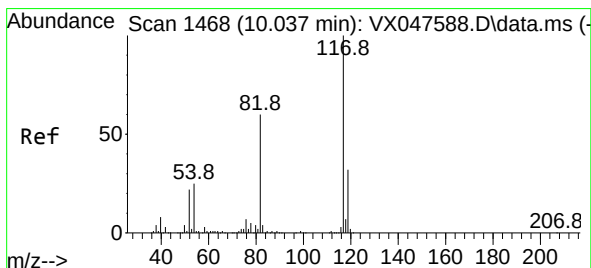
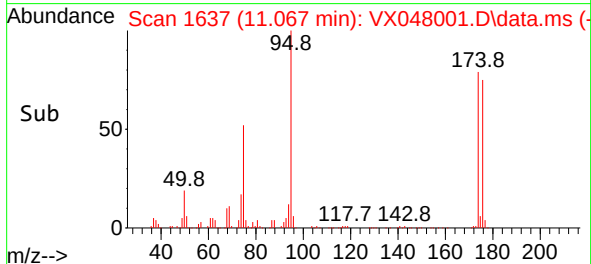
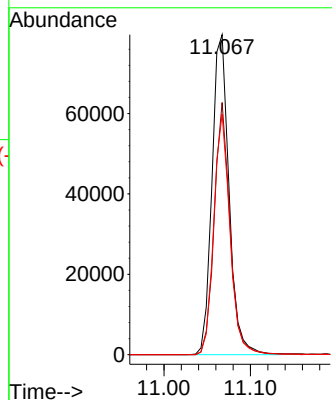
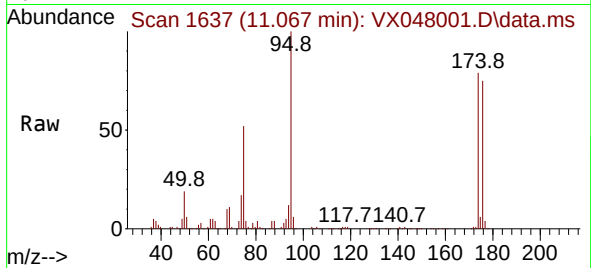




#62
4-Bromofluorobenzene
Concen: 53.598 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048001.D
Acq: 03 Oct 2025 17:38

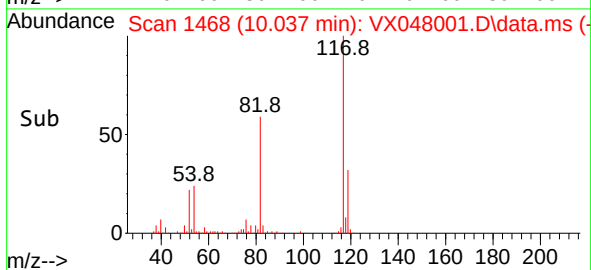
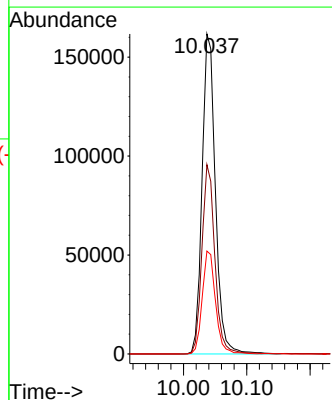
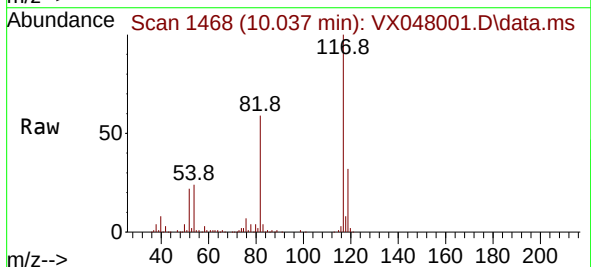
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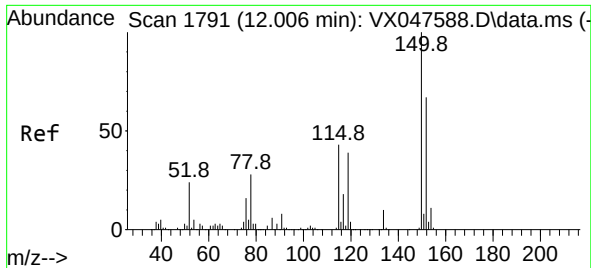
Tgt Ion: 95 Resp: 108760
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 71.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048001.D
Acq: 03 Oct 2025 17:38

Tgt Ion: 117 Resp: 237241
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.6
119 32.2 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: VX048001.D

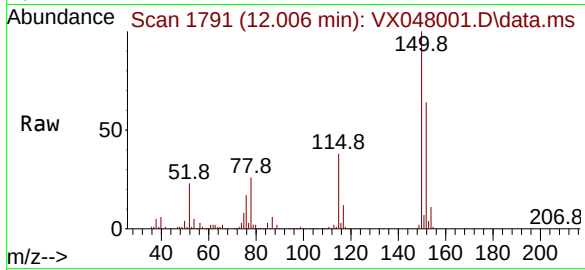
Acq: 03 Oct 2025 17:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-640-642



Tgt Ion:152 Resp: 118357

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 155.7 0.0 352.0

