

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048244.D
 Acq On : 20 Oct 2025 17:20
 Operator : JC/MD
 Sample : Q3371-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251016

Quant Time: Oct 20 18:45:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

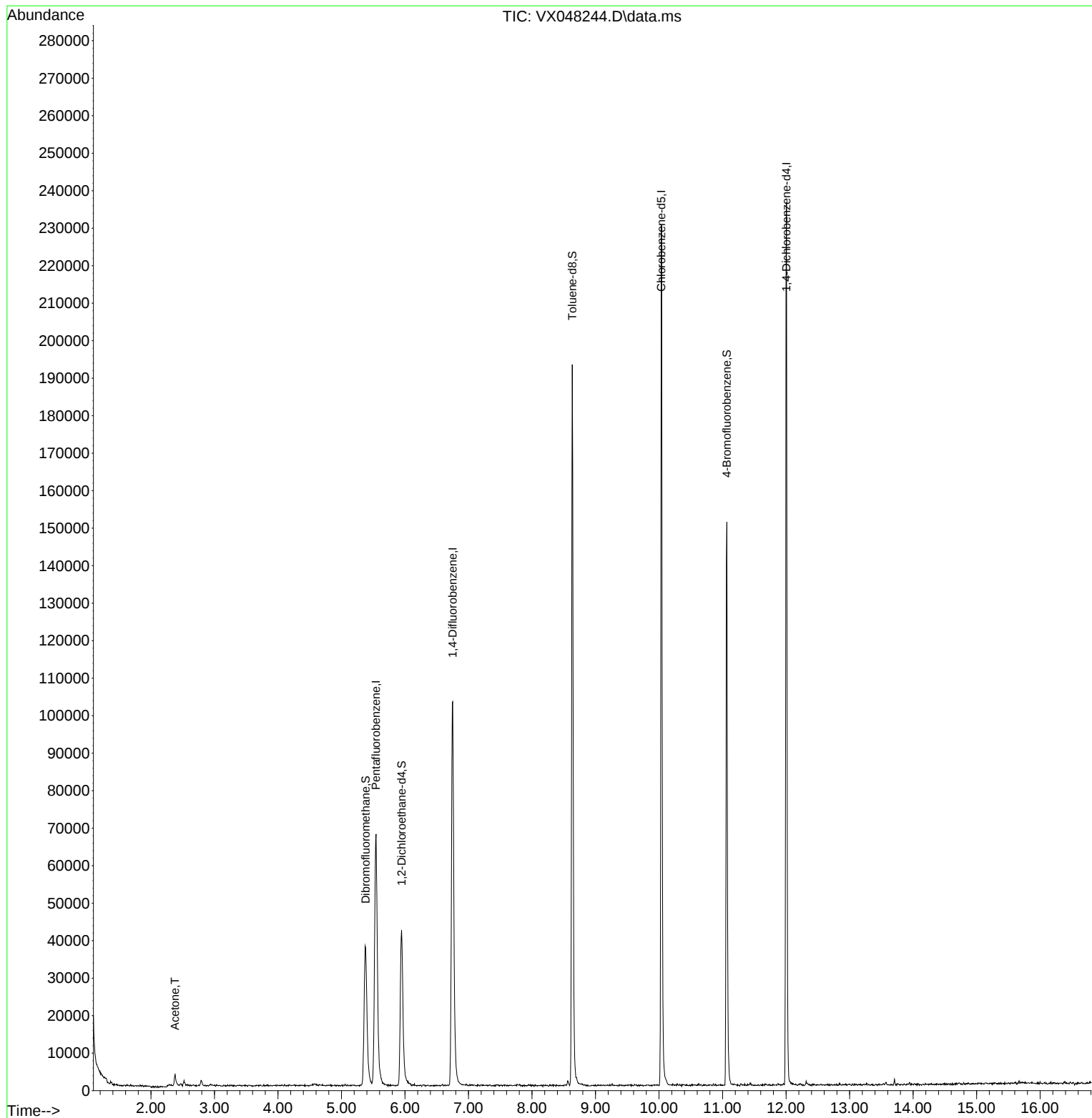
Internal Standards						
1) Pentafluorobenzene	5.544	168	69927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	117116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	109383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	53163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	47920	48.877	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.760%		
35) Dibromofluoromethane	5.379	113	37231	46.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.140%		
50) Toluene-d8	8.634	98	122194	43.602	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.200%#		
62) 4-Bromofluorobenzene	11.067	95	45271	42.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.920%		
Target Compounds						
16) Acetone	2.380	43	3653	10.861	ug/l	92

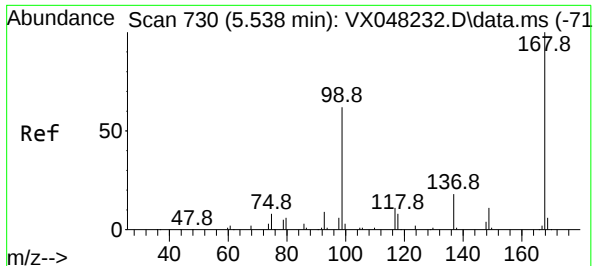
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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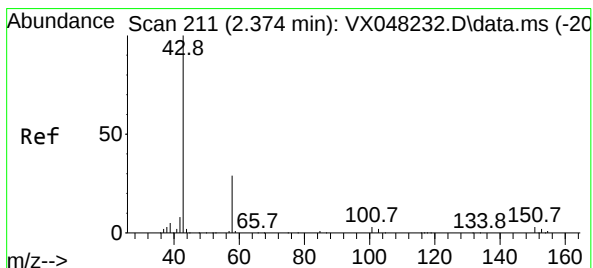
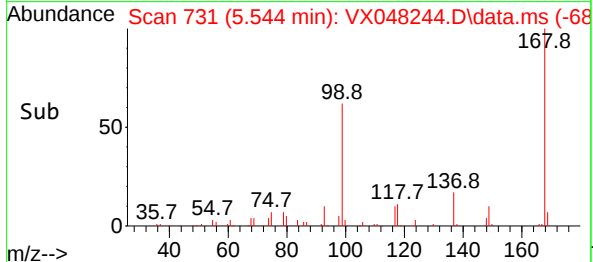
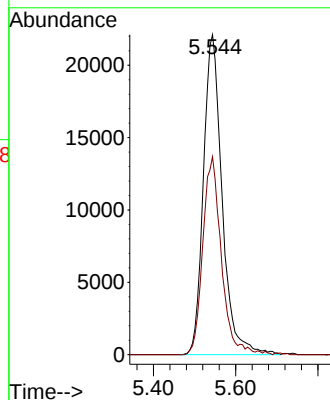
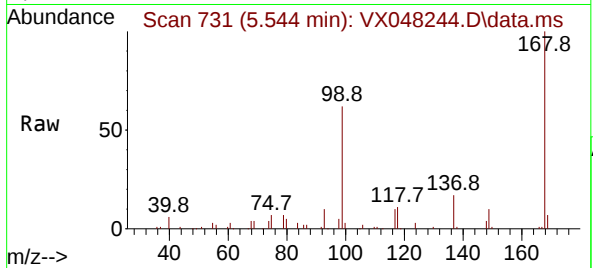




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048244.D
Acq: 20 Oct 2025 17:20

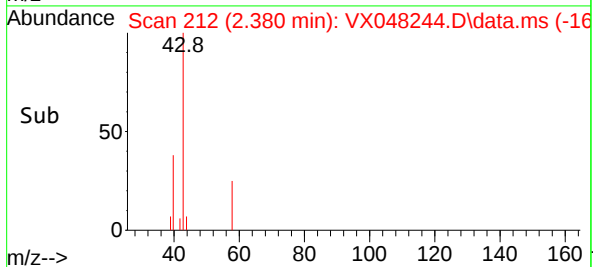
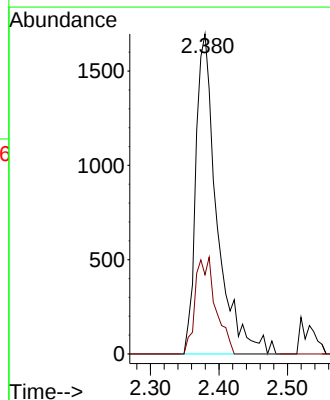
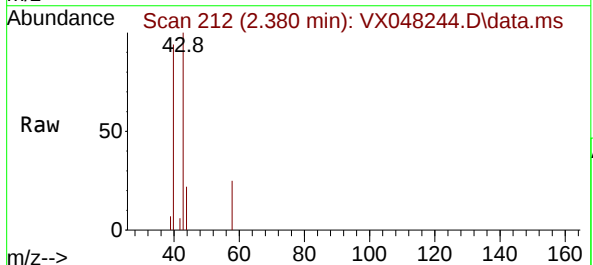
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

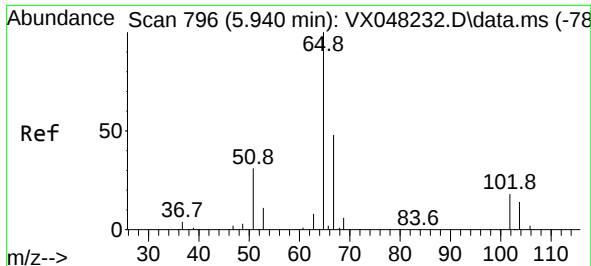
Tgt Ion:168 Resp: 69927
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#16
Acetone
Concen: 10.861 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048244.D
Acq: 20 Oct 2025 17:20

Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 24.7 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 48.877 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048244.D

Acq: 20 Oct 2025 17:20

Instrument :

MSVOA_X

ClientSampleId :

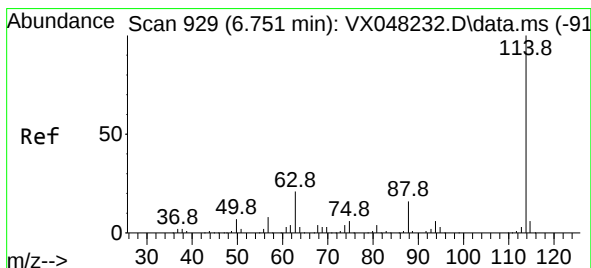
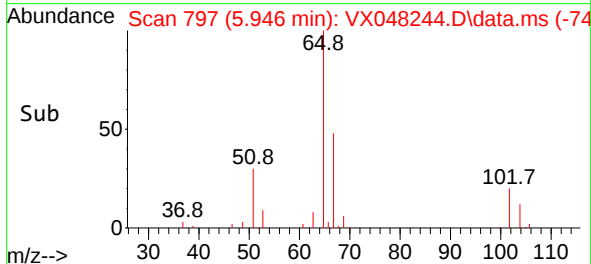
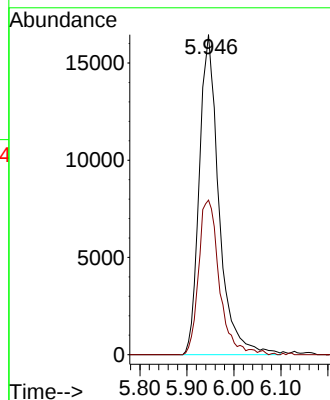
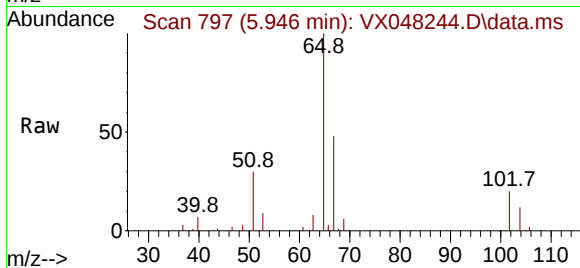
BP-VPB-184-EB-20251016

Tgt Ion: 65 Resp: 47920

Ion Ratio Lower Upper

65 100

67 50.6 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: VX048244.D

Acq: 20 Oct 2025 17:20

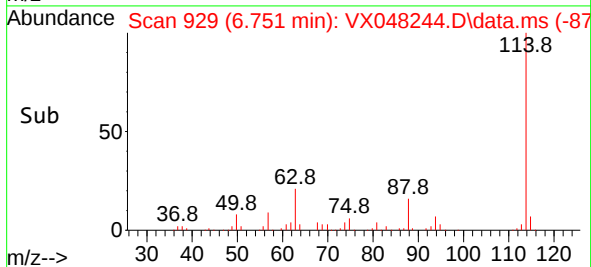
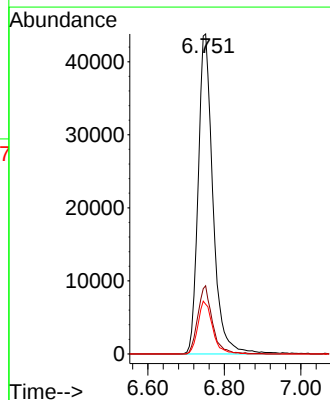
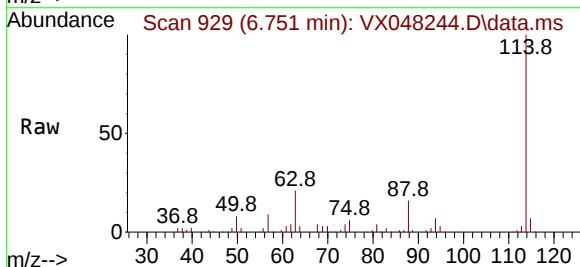
Tgt Ion: 114 Resp: 117116

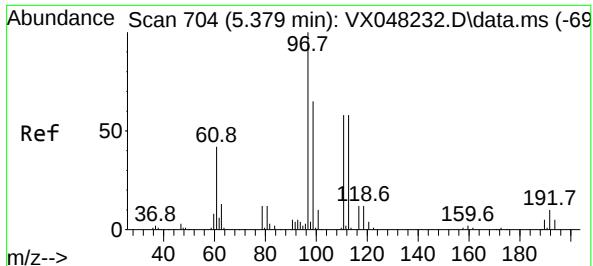
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

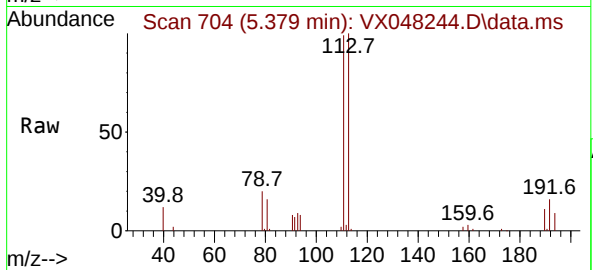
88 15.5 0.0 33.6



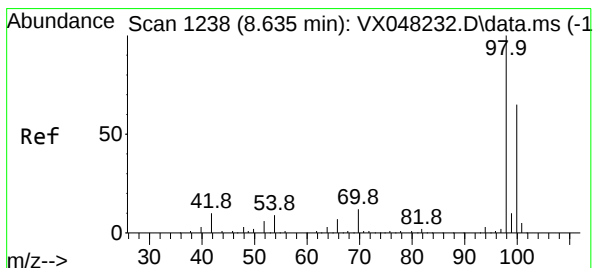
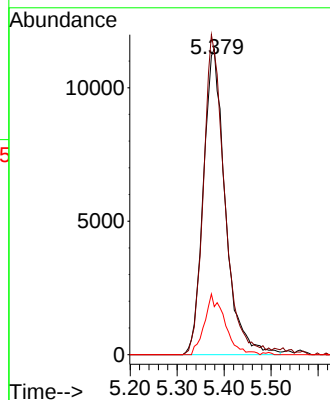
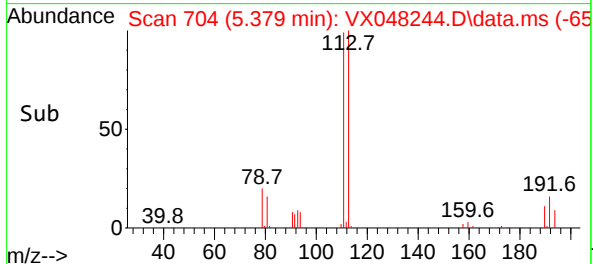


#35
Dibromofluoromethane
Concen: 46.565 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048244.D
Acq: 20 Oct 2025 17:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

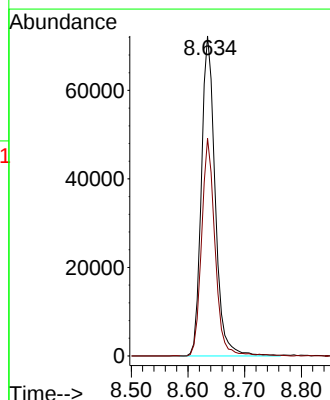
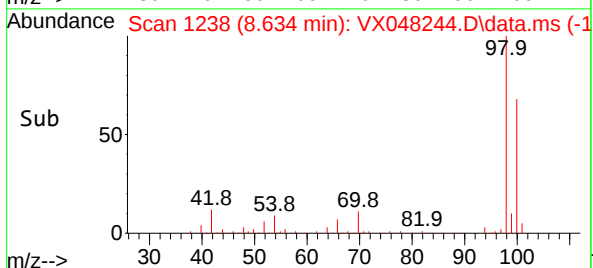
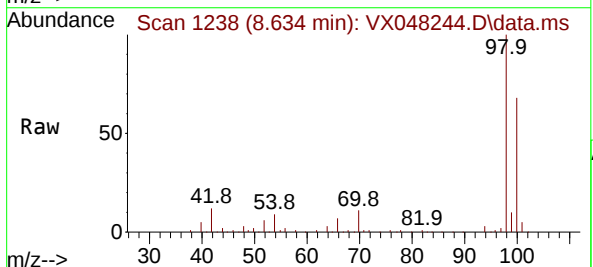


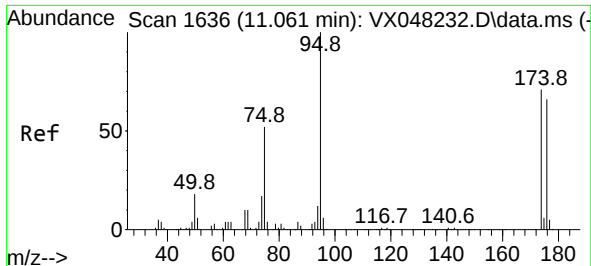
Tgt Ion:113 Resp: 37231
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 18.4 15.1 22.7



#50
Toluene-d8
Concen: 43.602 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048244.D
Acq: 20 Oct 2025 17:20

Tgt Ion: 98 Resp: 122194
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

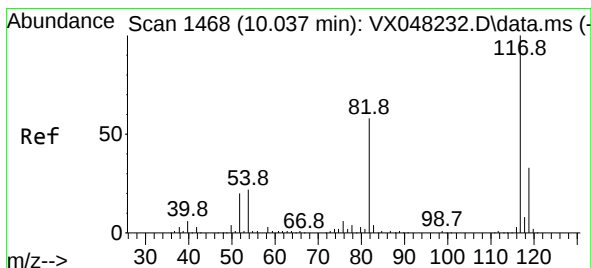
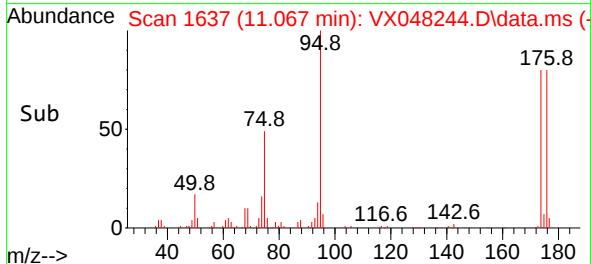
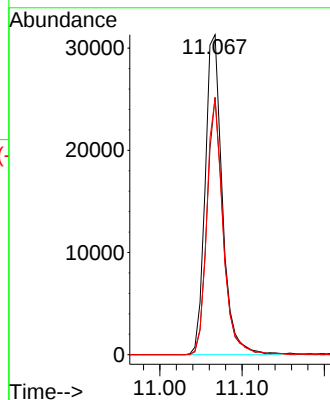
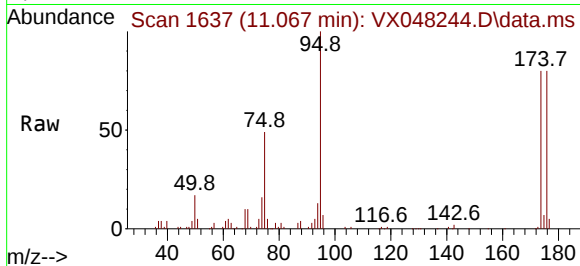




#62
4-Bromofluorobenzene
Concen: 42.462 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048244.D
Acq: 20 Oct 2025 17:20

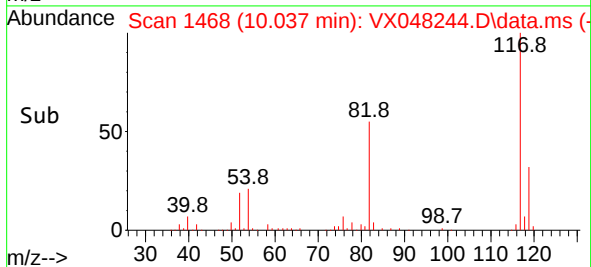
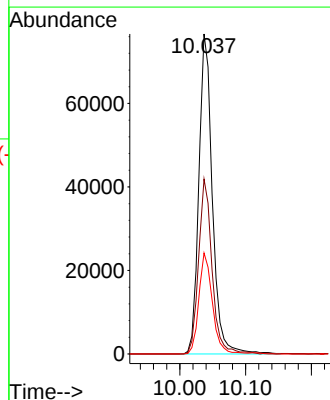
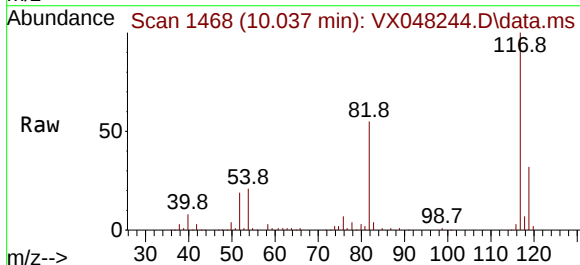
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251016

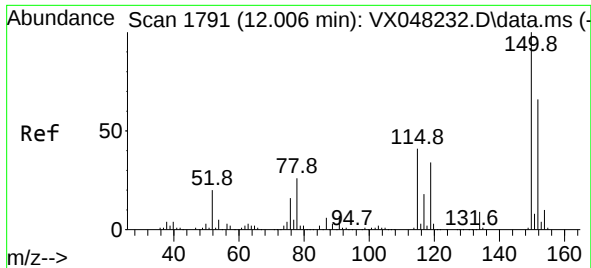
Tgt Ion: 95 Resp: 45271
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.8
176 76.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048244.D
Acq: 20 Oct 2025 17:20

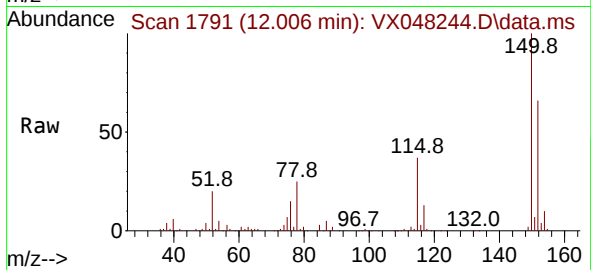
Tgt Ion: 117 Resp: 109383
Ion Ratio Lower Upper
117 100
82 54.7 46.5 69.7
119 31.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048244.D
 Acq: 20 Oct 2025 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20251016



Tgt Ion:152 Resp: 53163
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.1 129.4
 150 155.2 0.0 353.0

