

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048049.D
 Acq On : 07 Oct 2025 13:45
 Operator : JC/MD
 Sample : Q3298-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-740-742

Quant Time: Oct 08 01:28:11 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)

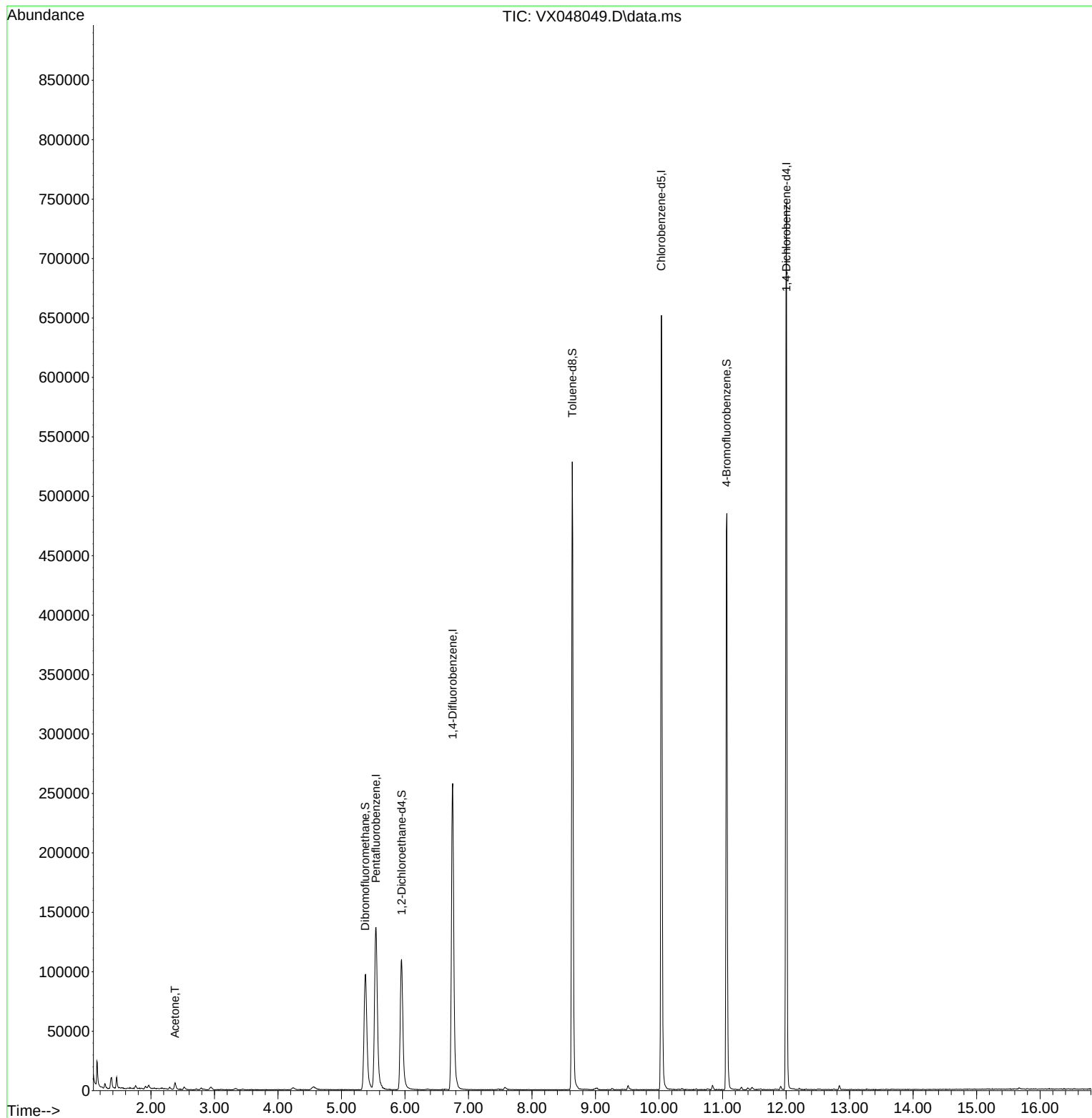
Internal Standards						
1) Pentafluorobenzene	5.544	168	138944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120735	54.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.180%	
35) Dibromofluoromethane	5.373	113	95436	49.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	8.635	98	320961	48.576	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.160%	
62) 4-Bromofluorobenzene	11.061	95	140575	56.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.120%	
Target Compounds						
16) Acetone	2.380	43	7496	7.795	ug/l	Qvalue 100

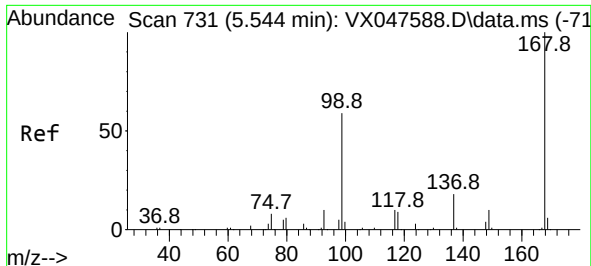
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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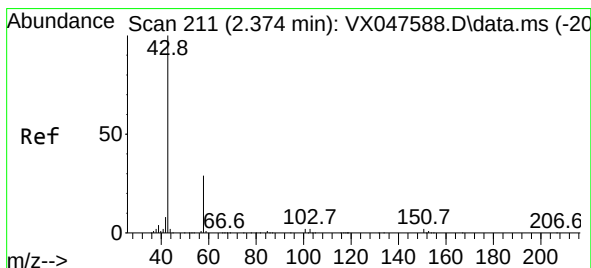
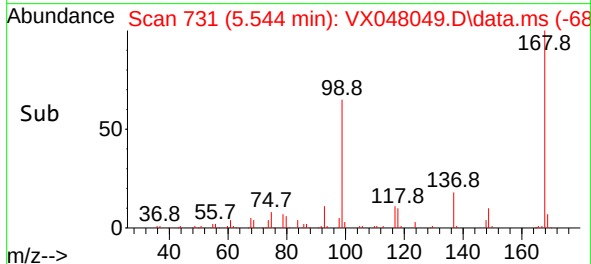
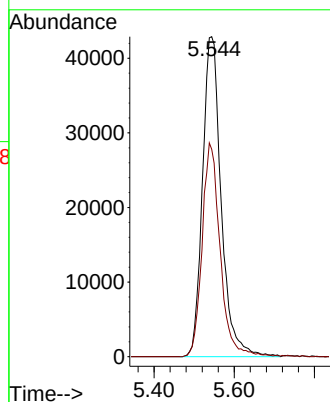
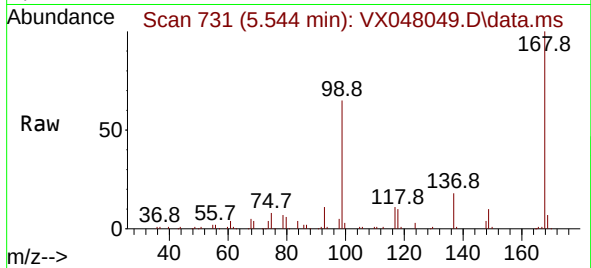




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

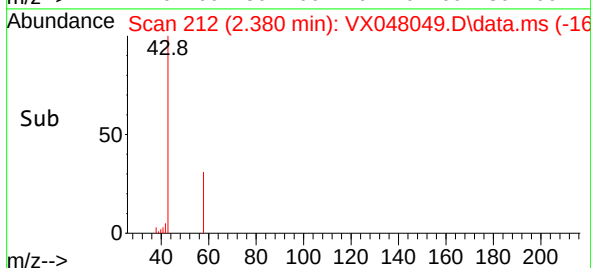
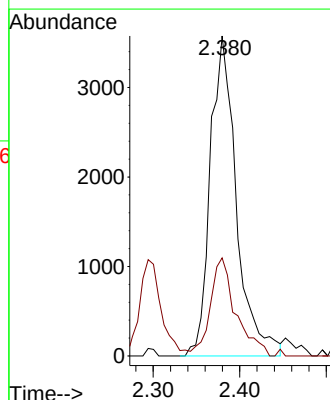
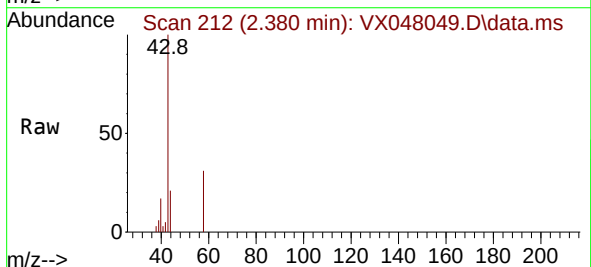
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

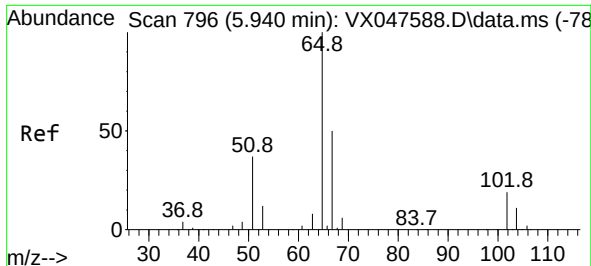
Tgt Ion:168 Resp: 138944
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2



#16
Acetone
Concen: 7.795 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 43 Resp: 7496
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 54.591 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048049.D

Acq: 07 Oct 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

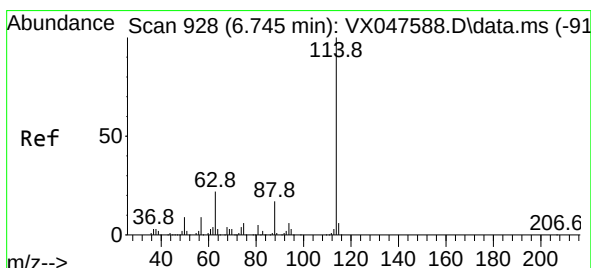
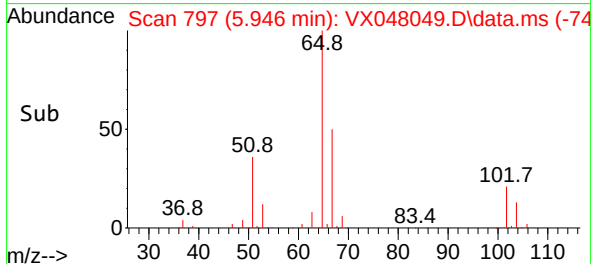
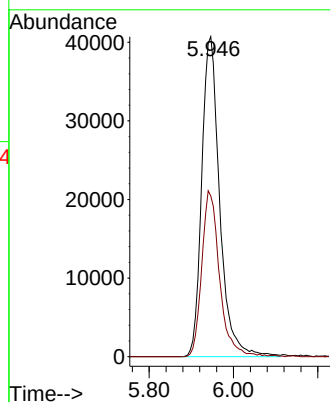
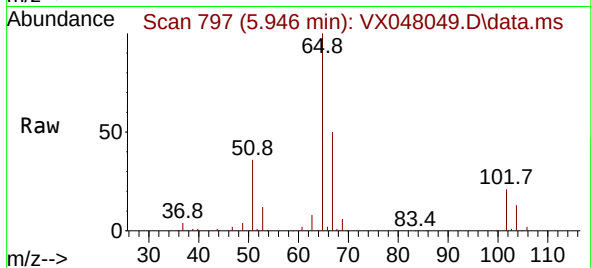
BP-VPB-184-GW-740-742

Tgt Ion: 65 Resp: 120735

Ion Ratio Lower Upper

65 100

67 51.4 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: VX048049.D

Acq: 07 Oct 2025 13:45

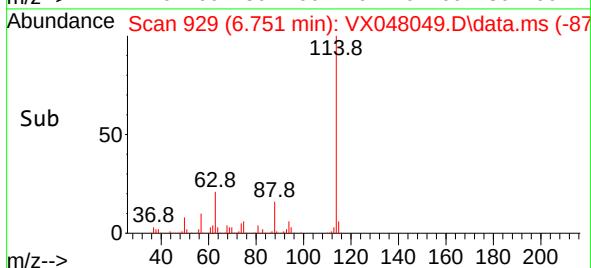
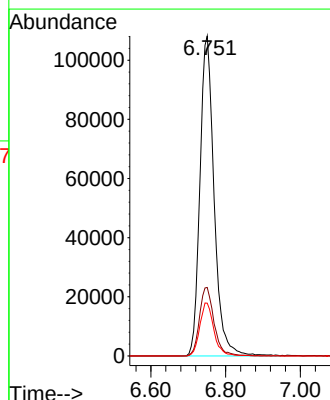
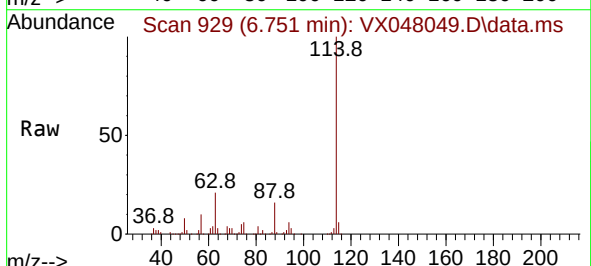
Tgt Ion: 114 Resp: 284728

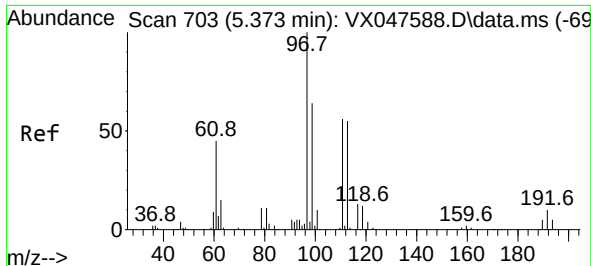
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.5 0.0 34.2

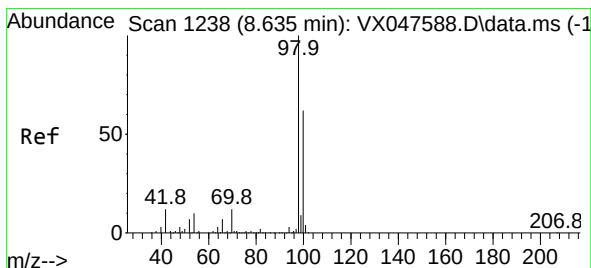
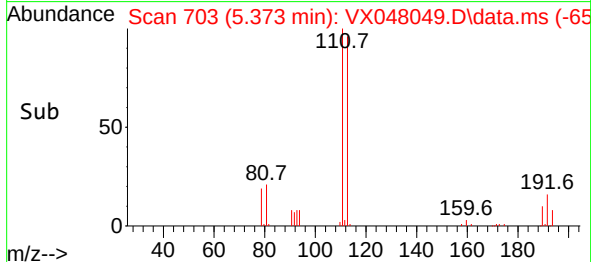
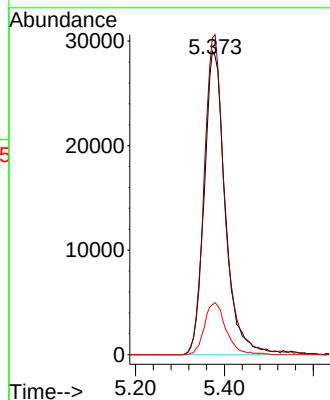
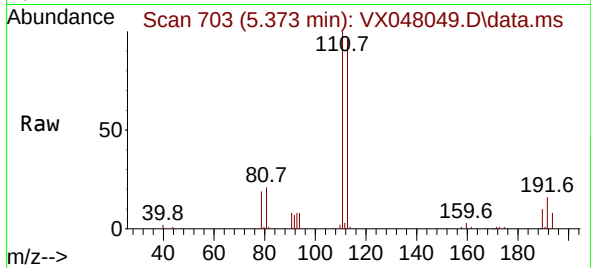




#35
Dibromofluoromethane
Concen: 49.978 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

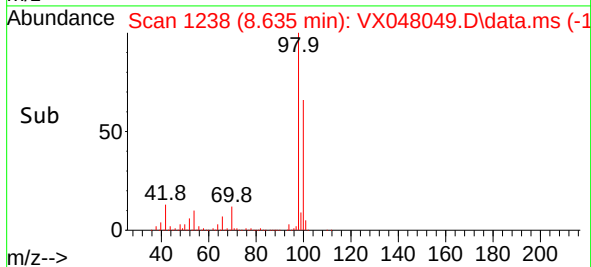
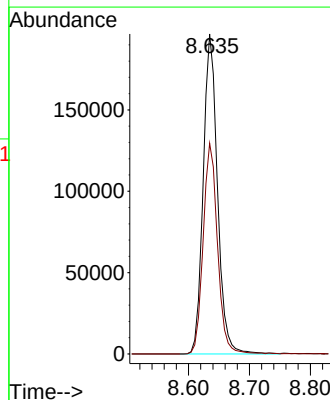
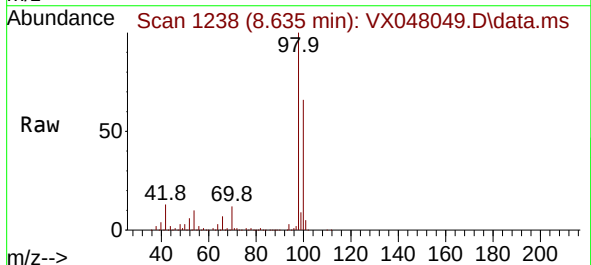
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

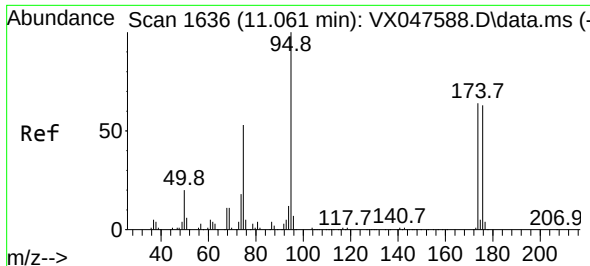
Tgt Ion:113 Resp: 95436
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 48.576 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 98 Resp: 320961
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

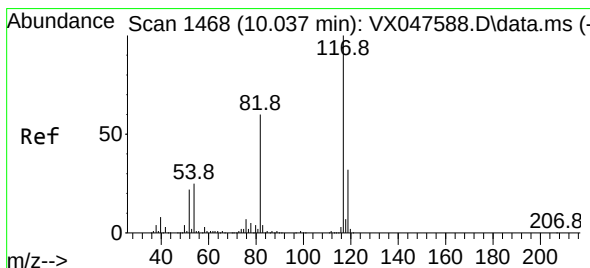
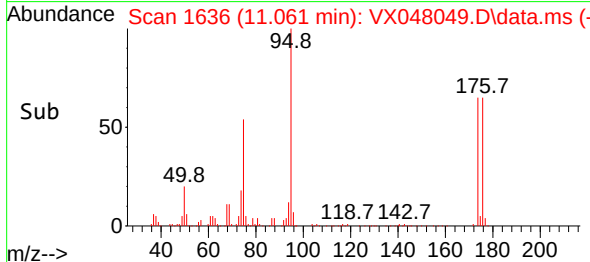
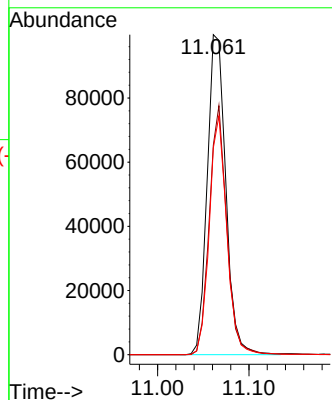
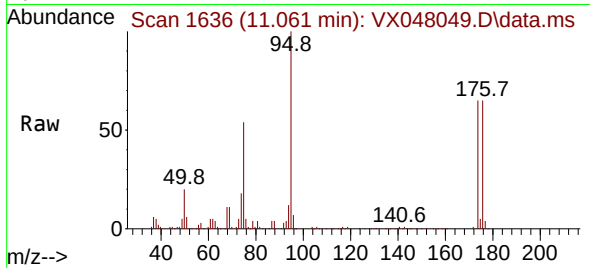




#62
4-Bromofluorobenzene
Concen: 56.059 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

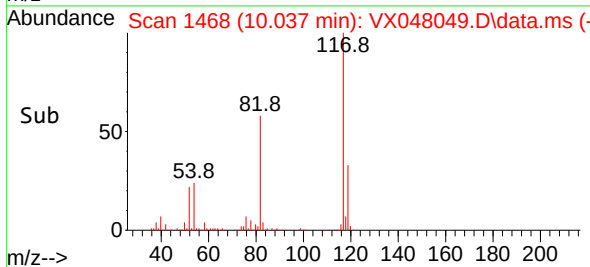
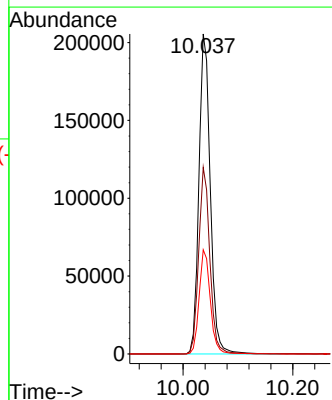
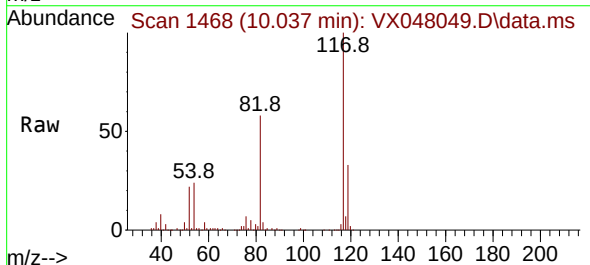
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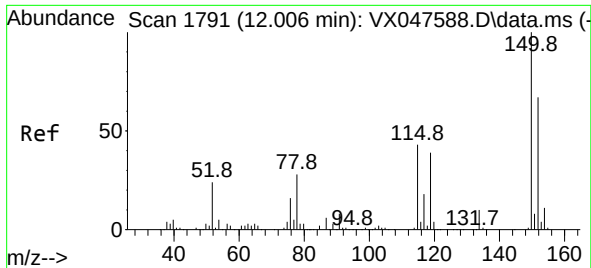
Tgt Ion: 95 Resp: 140575
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

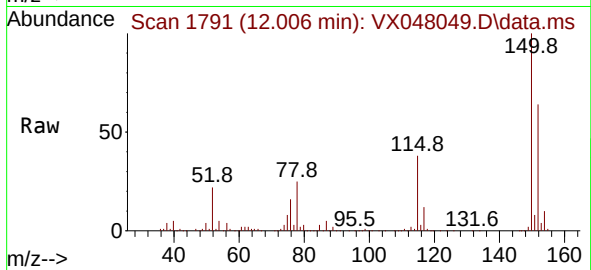
Tgt Ion: 117 Resp: 296067
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048049.D
 Acq: 07 Oct 2025 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-740-742



Tgt Ion:152 Resp: 152416
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.9 134.5
 150 158.5 0.0 352.0

