

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048568.D
 Acq On : 12 Nov 2025 11:18
 Operator : JC/MD
 Sample : Q3603-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHORT-HILLS-DW

Quant Time: Nov 14 00:26:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

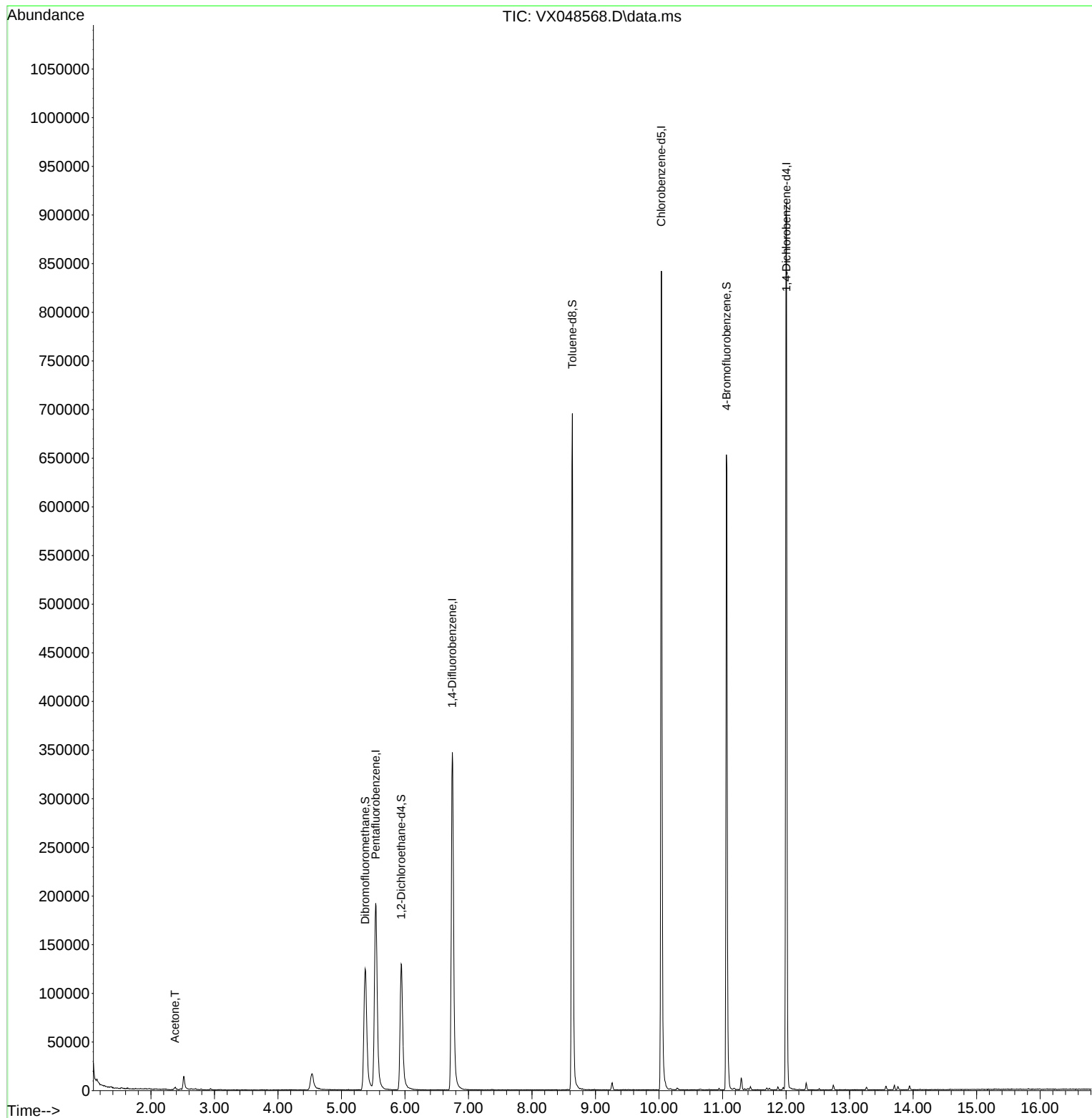
Internal Standards						
1) Pentafluorobenzene	5.538	168	205876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	402551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	408643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	211749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141933	49.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.960%
35) Dibromofluoromethane	5.373	113	128790	42.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.540%
50) Toluene-d8	8.635	98	449688	47.324	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.640%
62) 4-Bromofluorobenzene	11.061	95	192760	54.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.860%
Target Compounds						
16) Acetone	2.380	43	3738	2.753	ug/l	Qvalue 98

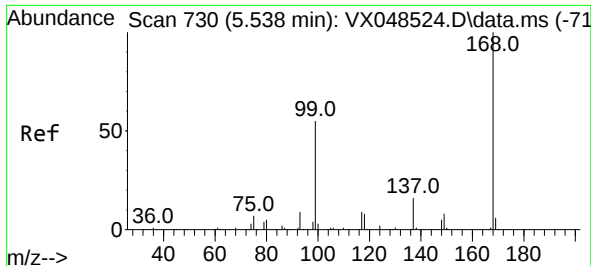
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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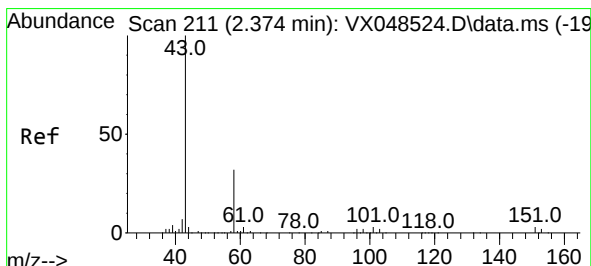
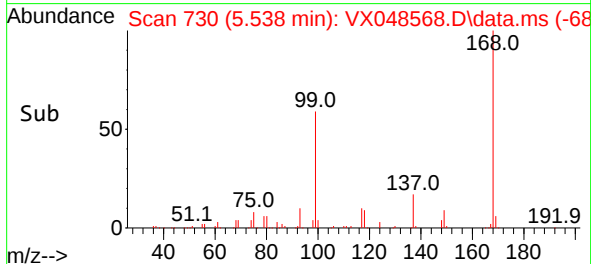
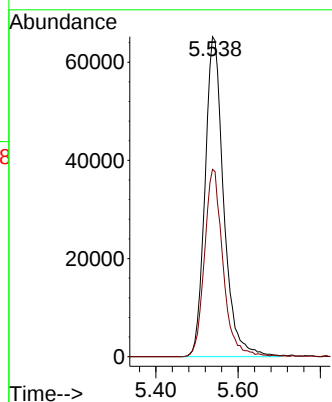
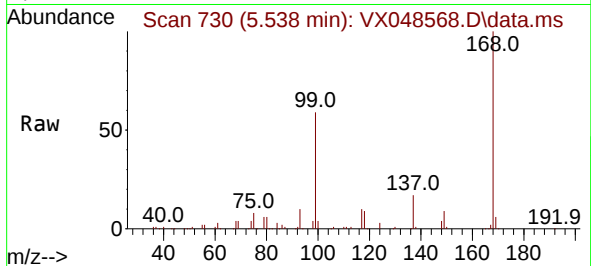




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048568.D
Acq: 12 Nov 2025 11:18

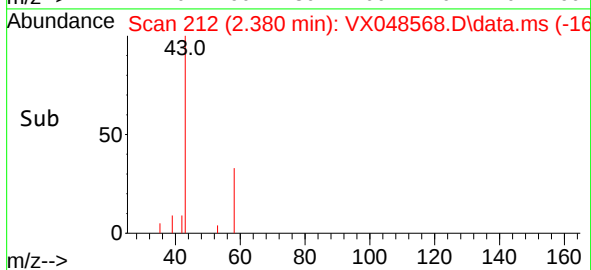
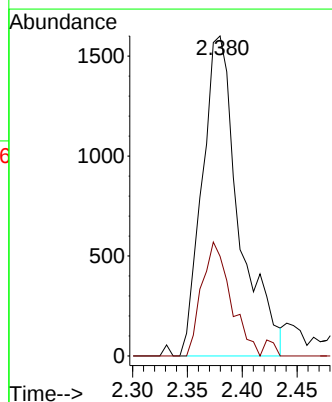
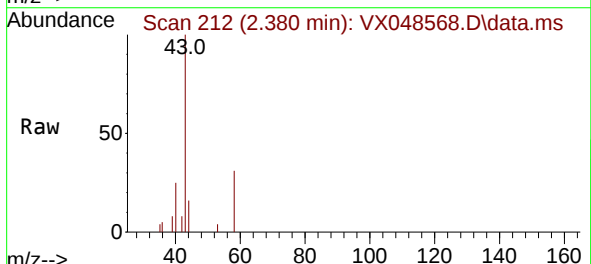
Instrument :
MSVOA_X
ClientSampleId :
SHORT-HILLS-DW

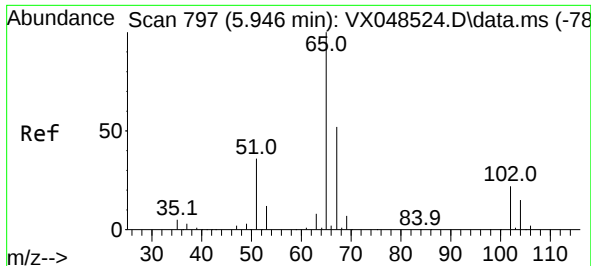
Tgt Ion:168 Resp: 205876
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#16
Acetone
Concen: 2.753 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048568.D
Acq: 12 Nov 2025 11:18

Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
58 31.2 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 49.476 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048568.D

Acq: 12 Nov 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

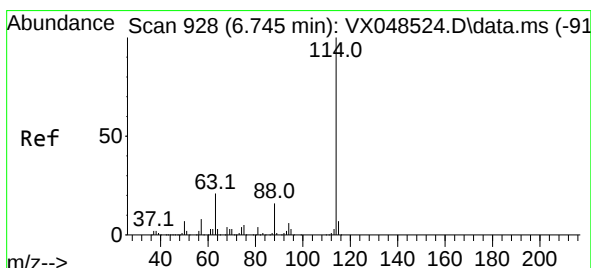
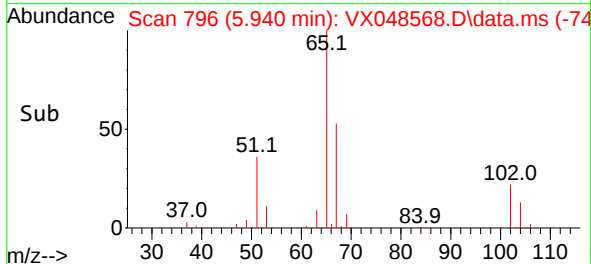
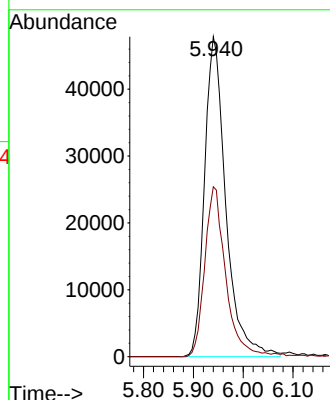
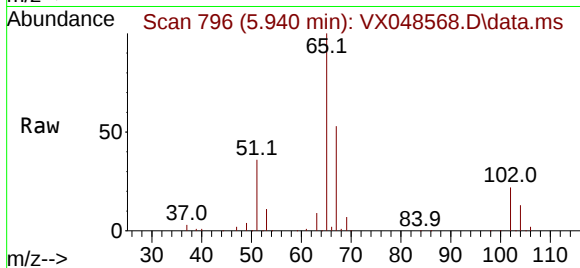
SHORT-HILLS-DW

Tgt Ion: 65 Resp: 141933

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048568.D

Acq: 12 Nov 2025 11:18

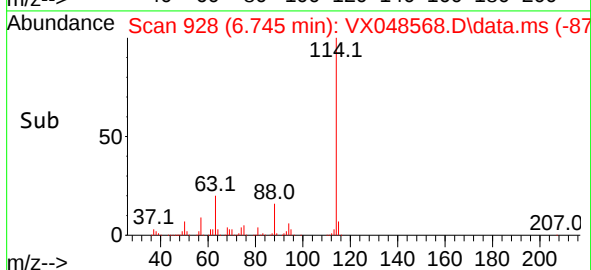
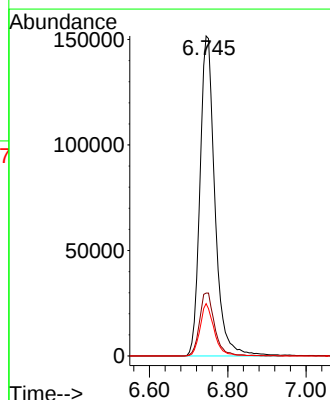
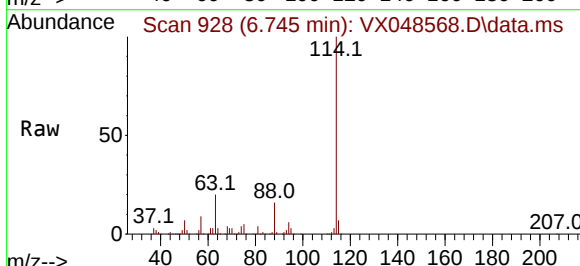
Tgt Ion: 114 Resp: 402551

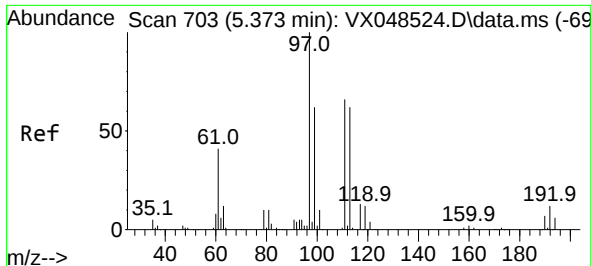
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.2

88 16.4 0.0 32.2

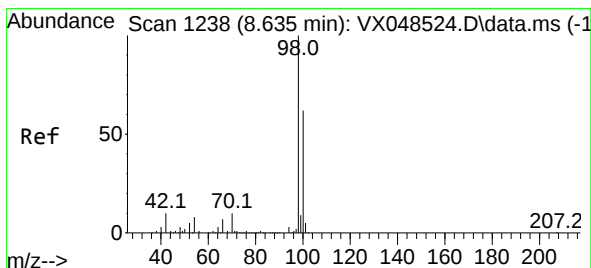
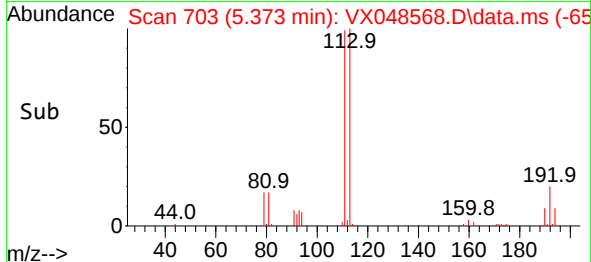
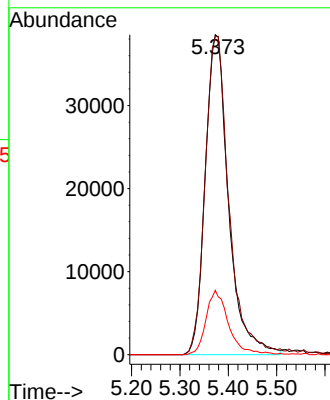
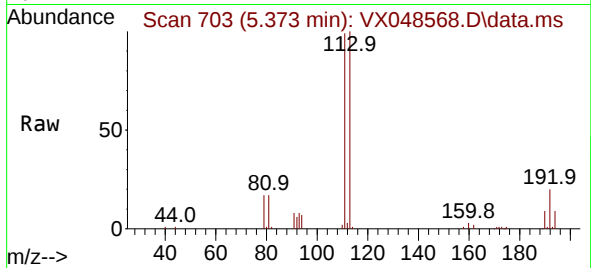




#35
Dibromofluoromethane
Concen: 42.271 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048568.D
Acq: 12 Nov 2025 11:18

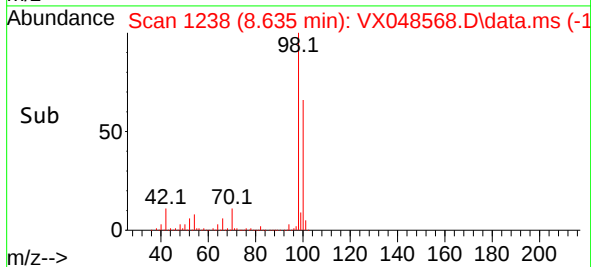
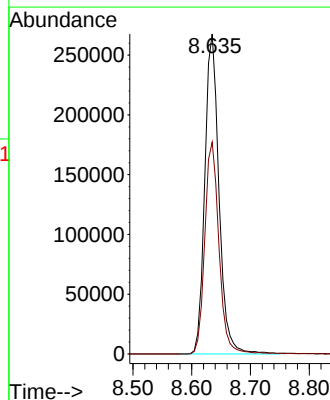
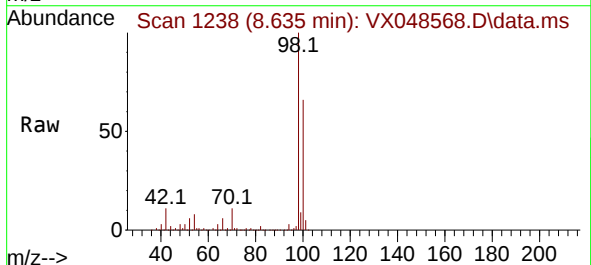
Instrument :
MSVOA_X
ClientSampleId :
SHORT-HILLS-DW

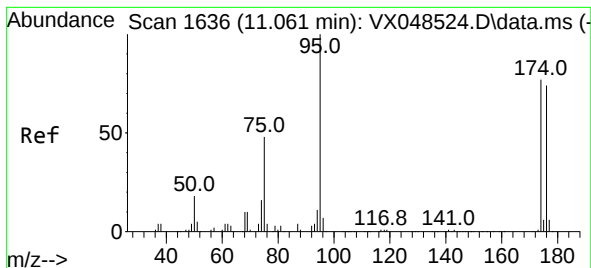
Tgt Ion:113 Resp: 128790
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.4 15.8 23.6



#50
Toluene-d8
Concen: 47.324 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048568.D
Acq: 12 Nov 2025 11:18

Tgt Ion: 98 Resp: 449688
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

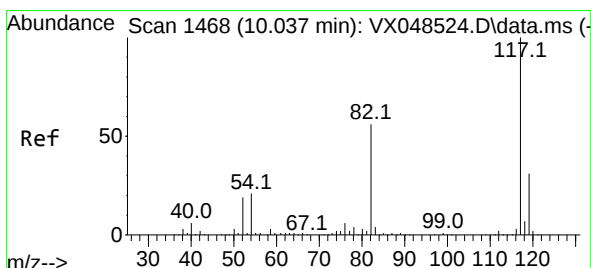
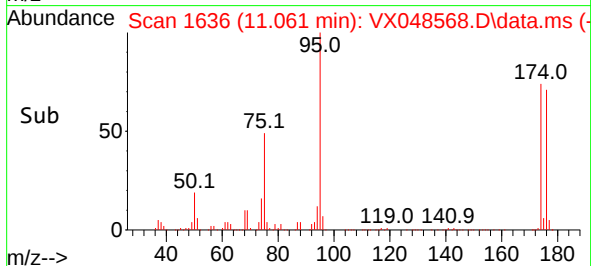
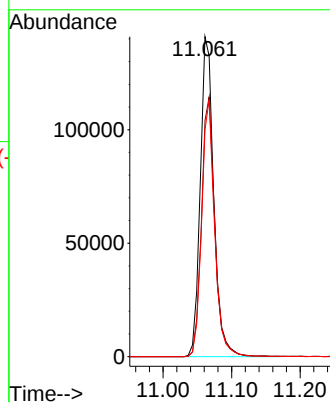
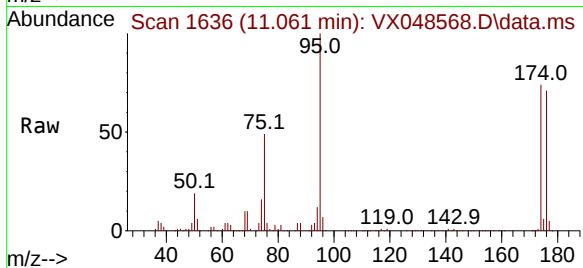




#62
4-Bromofluorobenzene
Concen: 54.433 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048568.D
Acq: 12 Nov 2025 11:18

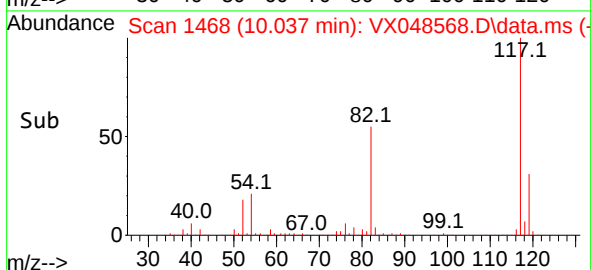
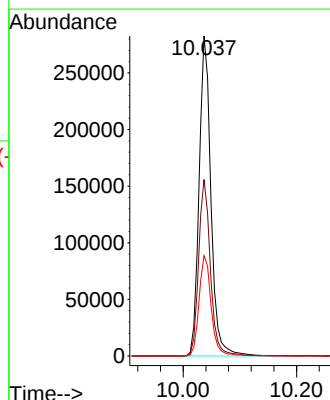
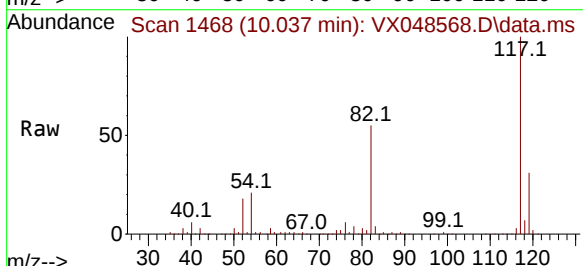
Instrument :
MSVOA_X
ClientSampleId :
SHORT-HILLS-DW

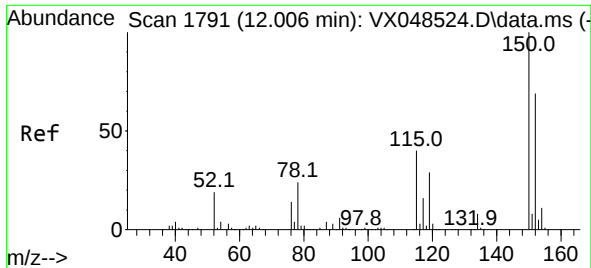
Tgt Ion: 95 Resp: 192760
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.8
176 77.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048568.D
Acq: 12 Nov 2025 11:18

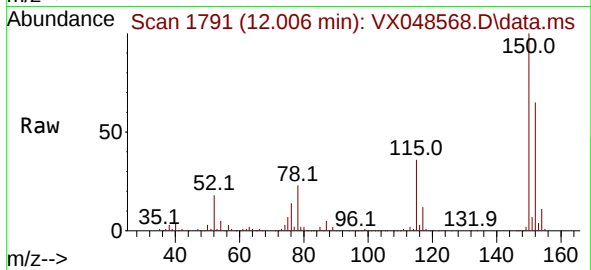
Tgt Ion: 117 Resp: 408643
Ion Ratio Lower Upper
117 100
82 55.2 44.4 66.6
119 31.3 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048568.D
 Acq: 12 Nov 2025 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SHORT-HILLS-DW



Tgt Ion:152 Resp: 211749
 Ion Ratio Lower Upper
 152 100
 115 58.1 39.2 117.6
 150 156.7 0.0 347.0

