

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048541.D
 Acq On : 10 Nov 2025 15:48
 Operator : JC/MD
 Sample : Q3584-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2

Quant Time: Nov 11 00:48:06 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)

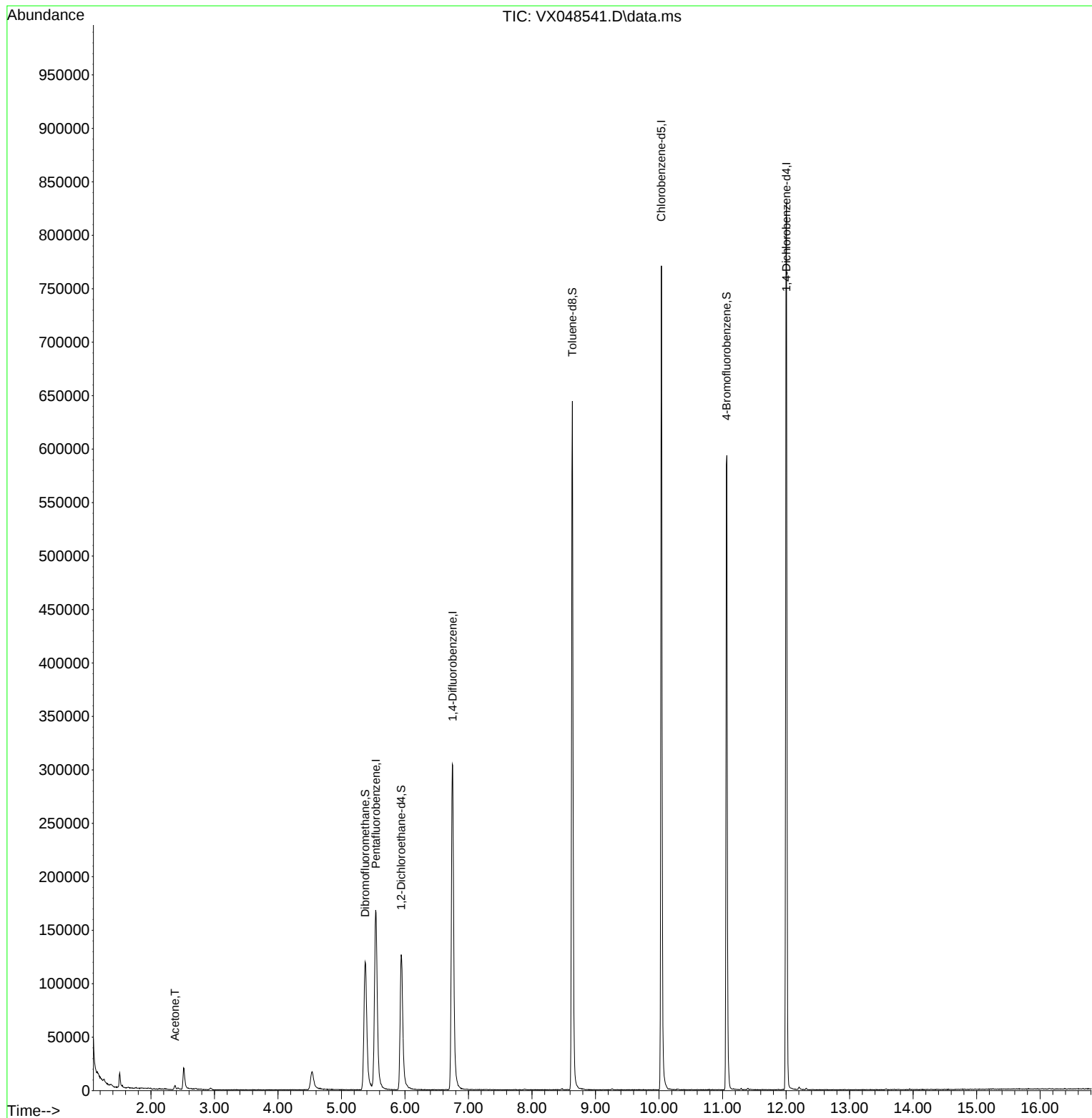
Internal Standards						
1) Pentafluorobenzene	5.544	168	180936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	361159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	362263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	139961	55.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.020%
35) Dibromofluoromethane	5.373	113	123372	45.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.260%
50) Toluene-d8	8.635	98	411539	48.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.061	95	178249	56.105	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.200%
Target Compounds						
16) Acetone	2.380	43	5388	4.515	ug/l	Qvalue 93

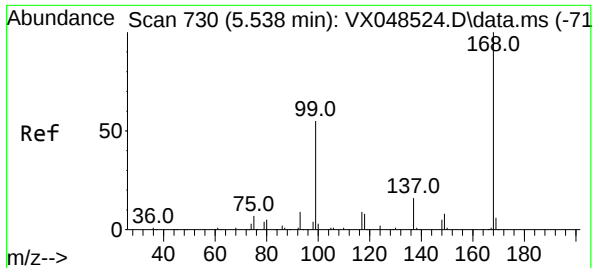
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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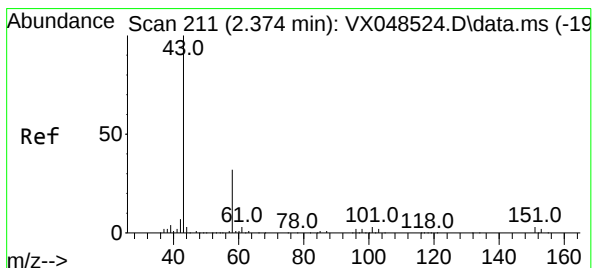
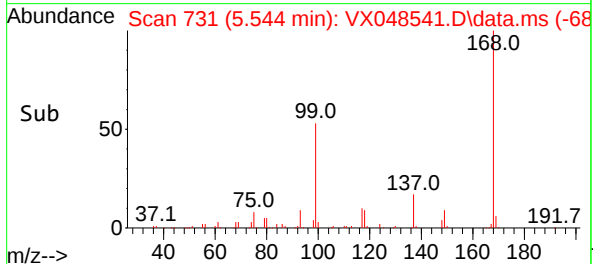
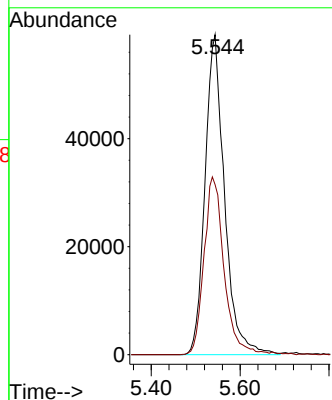
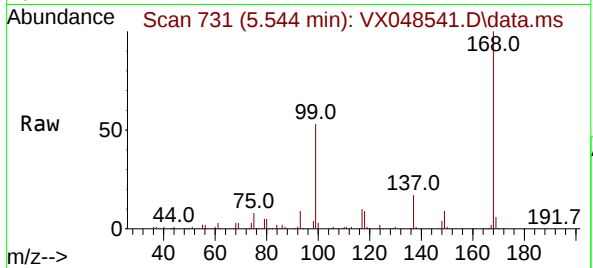




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

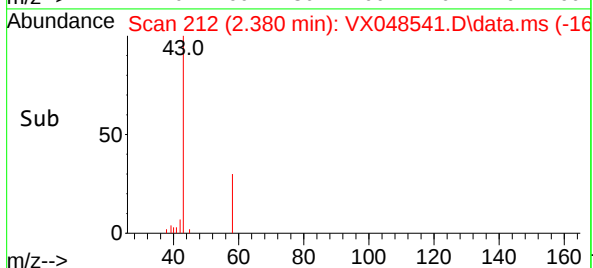
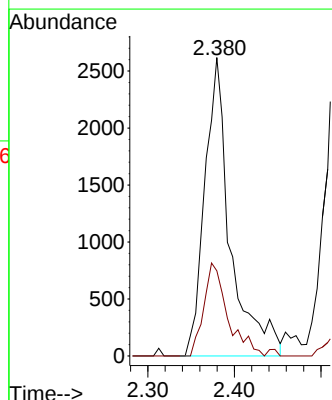
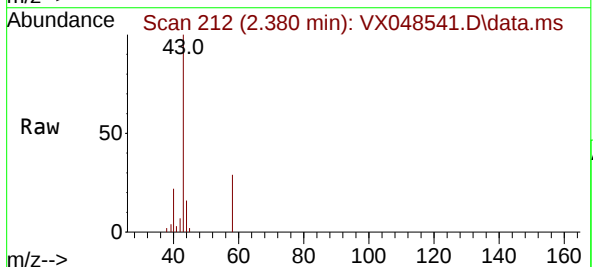
Instrument :
MSVOA_X
ClientSampleId :
SW-2

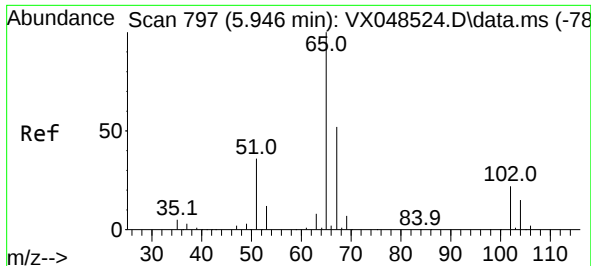
Tgt Ion:168 Resp: 180936
Ion Ratio Lower Upper
168 100
99 53.1 45.2 67.8



#16
Acetone
Concen: 4.515 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 43 Resp: 5388
Ion Ratio Lower Upper
43 100
58 28.5 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 55.514 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048541.D

Acq: 10 Nov 2025 15:48

Instrument :

MSVOA_X

ClientSampleId :

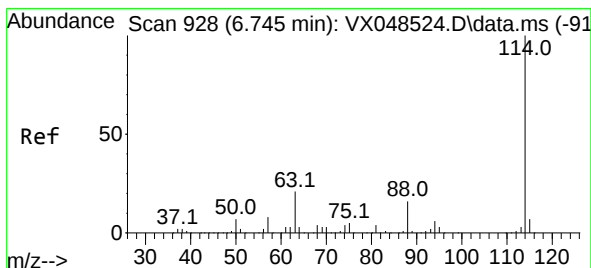
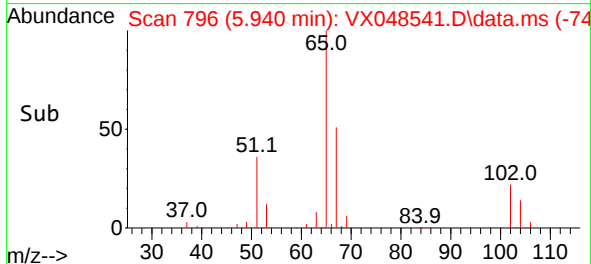
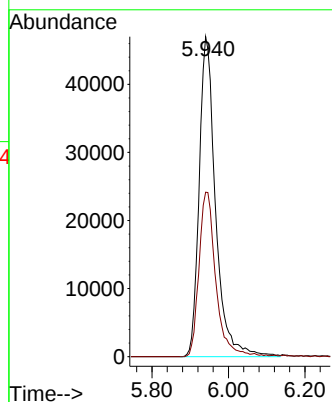
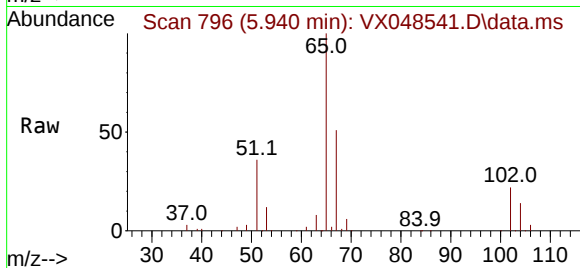
SW-2

Tgt Ion: 65 Resp: 139961

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048541.D

Acq: 10 Nov 2025 15:48

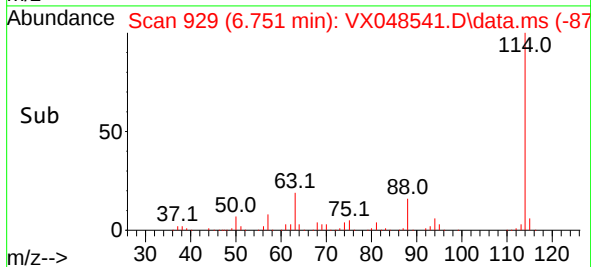
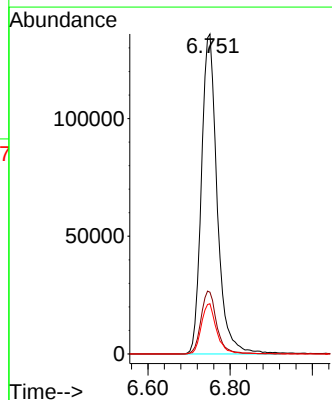
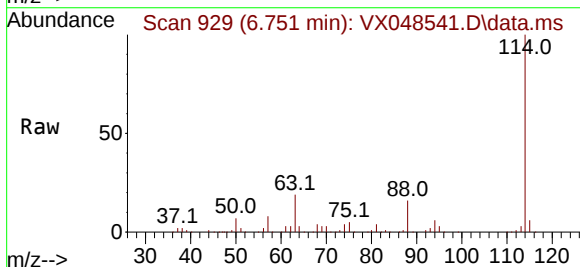
Tgt Ion: 114 Resp: 361159

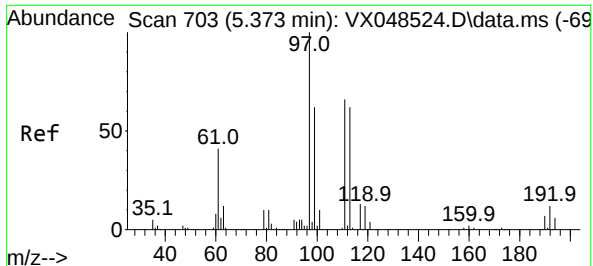
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.2

88 15.7 0.0 32.2

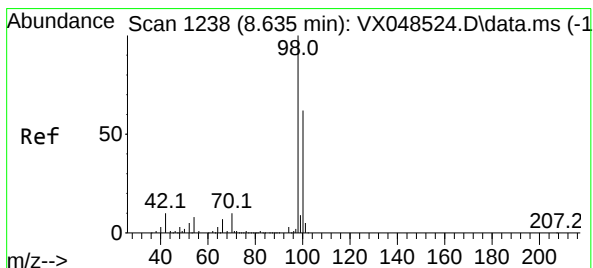
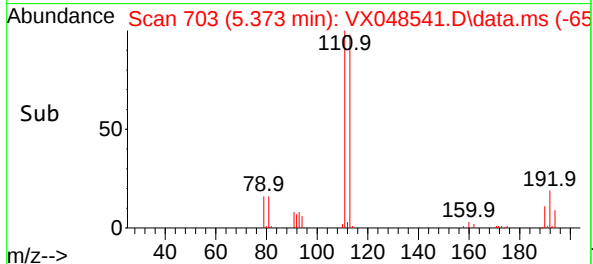
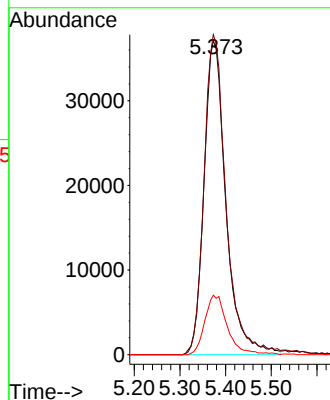
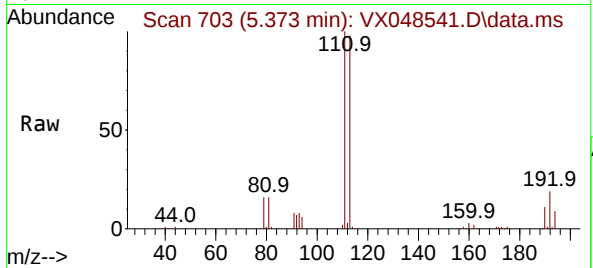




#35
Dibromofluoromethane
Concen: 45.134 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

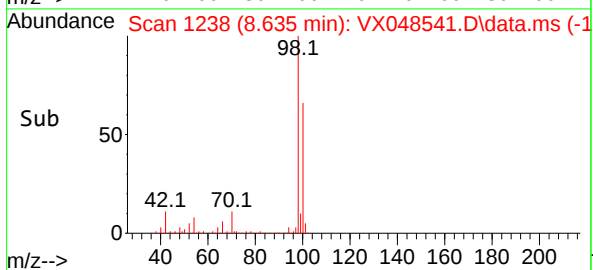
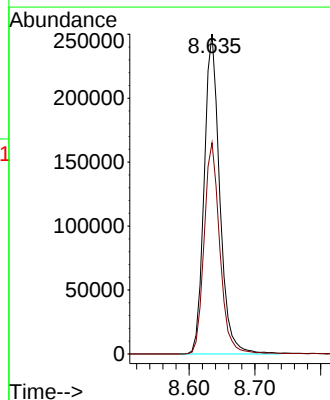
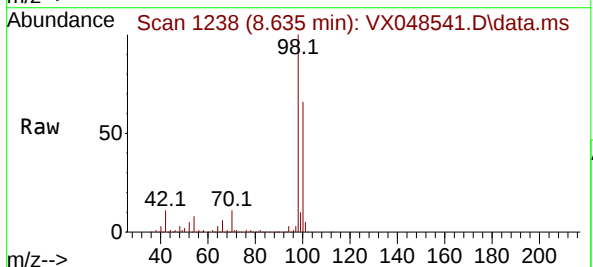
Instrument :
MSVOA_X
ClientSampleId :
SW-2

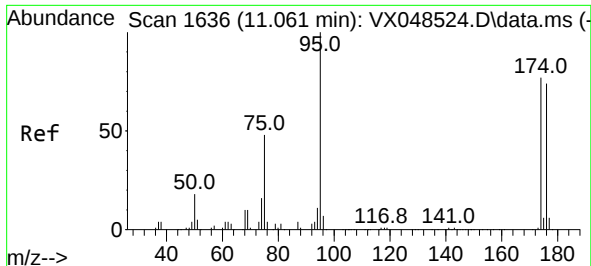
Tgt Ion:113 Resp: 123372
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.3 15.8 23.6



#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

Tgt Ion: 98 Resp: 411539
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4

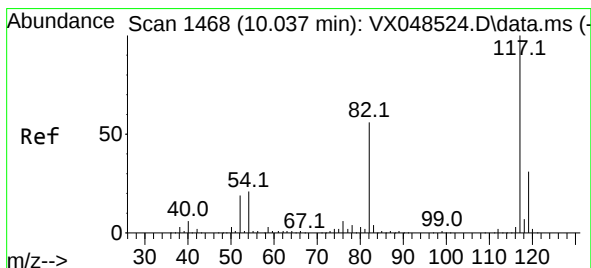
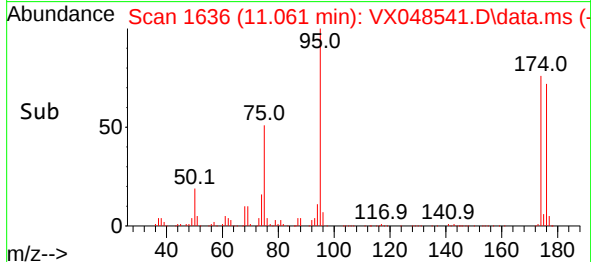
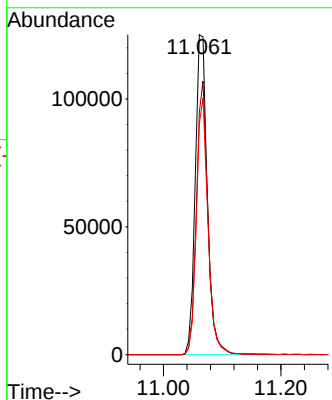
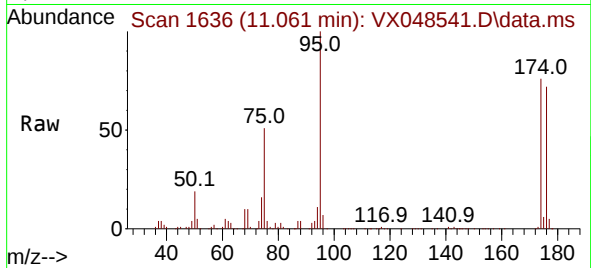




#62
4-Bromofluorobenzene
Concen: 56.105 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

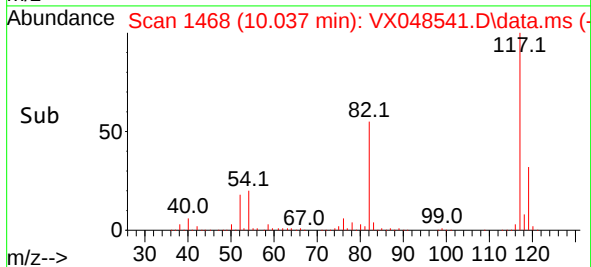
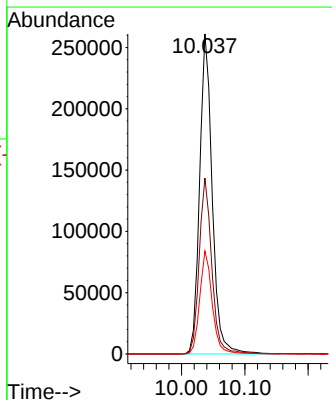
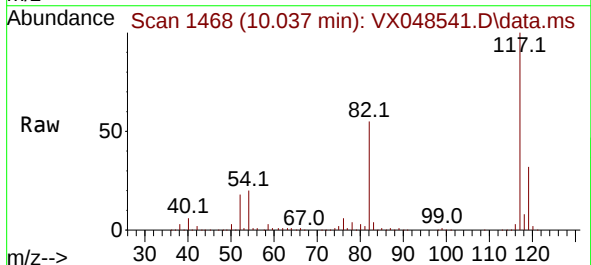
Instrument :
MSVOA_X
ClientSampleId :
SW-2

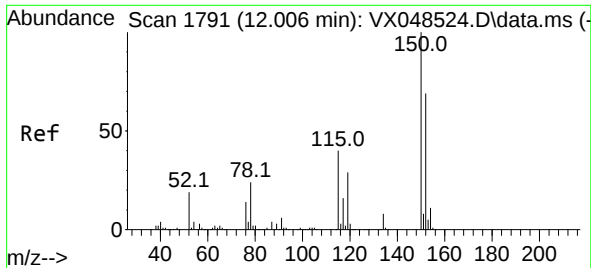
Tgt Ion: 95 Resp: 178249
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.8
176 77.1 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048541.D
Acq: 10 Nov 2025 15:48

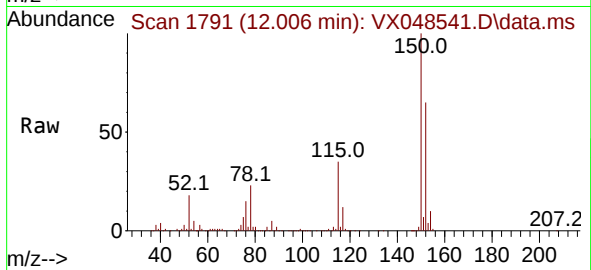
Tgt Ion: 117 Resp: 362263
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048541.D
 Acq: 10 Nov 2025 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2



Tgt Ion:	152	Resp:	195935
Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.2	117.6
150	156.0	0.0	347.0

