

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048900.D
 Acq On : 16 Dec 2025 20:13
 Operator : JC/MD
 Sample : Q3776-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20251203RE

Quant Time: Dec 17 03:29:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

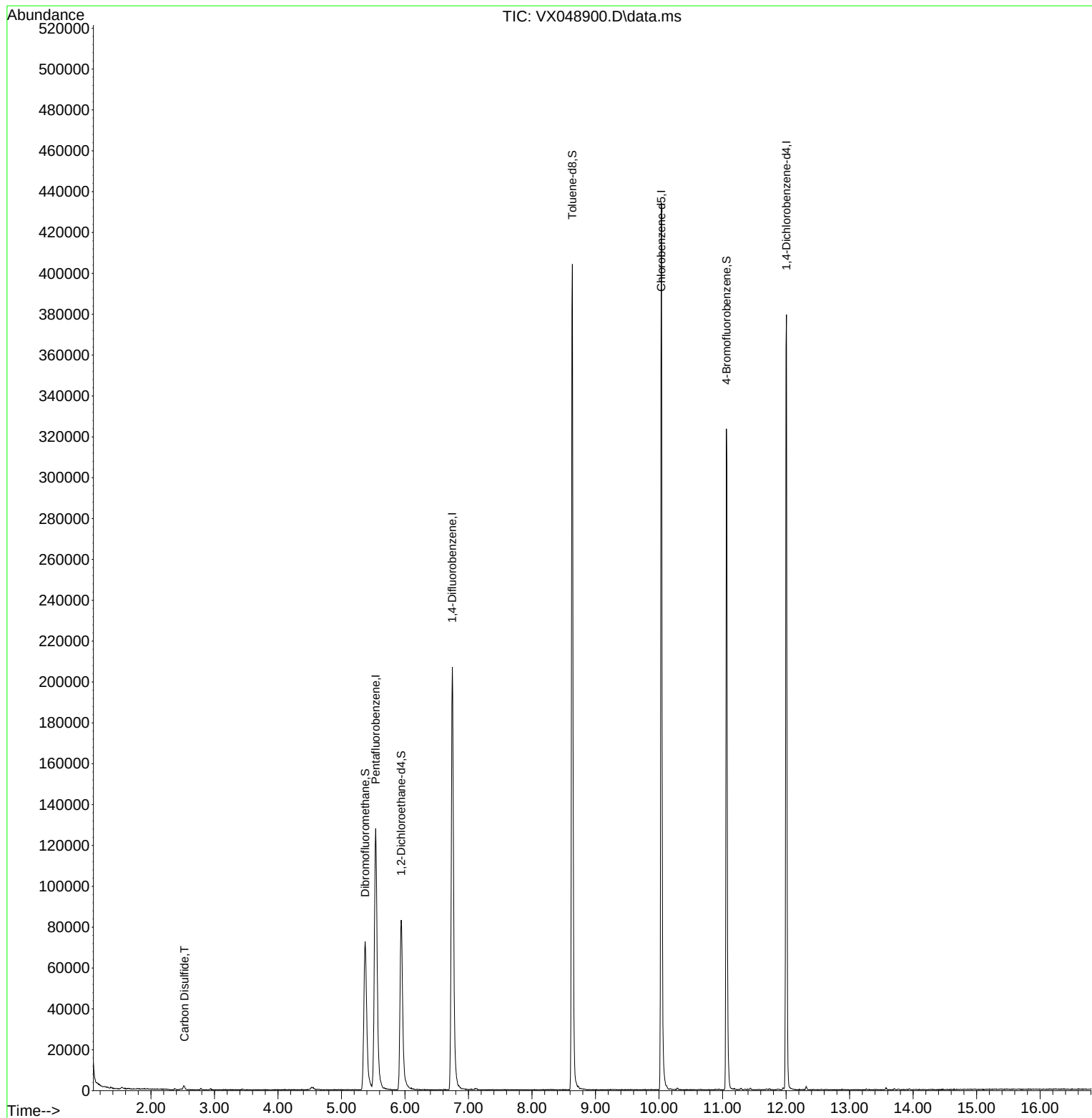
Internal Standards						
1) Pentafluorobenzene	5.538	168	128283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	222478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	196046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	81284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91118	42.493	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.980%
35) Dibromofluoromethane	5.373	113	70964	42.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.820%
50) Toluene-d8	8.635	98	252928	42.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.680%#
62) 4-Bromofluorobenzene	11.061	95	85870	40.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.020%#
Target Compounds						
17) Carbon Disulfide	2.526	76	1706	0.422	ug/l #	Qvalue 91

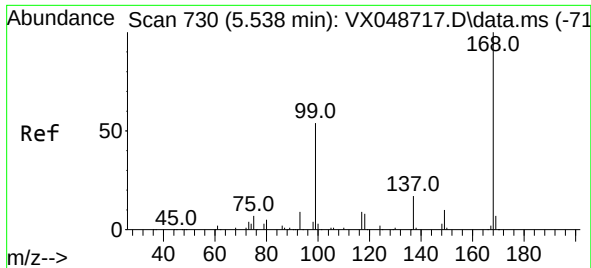
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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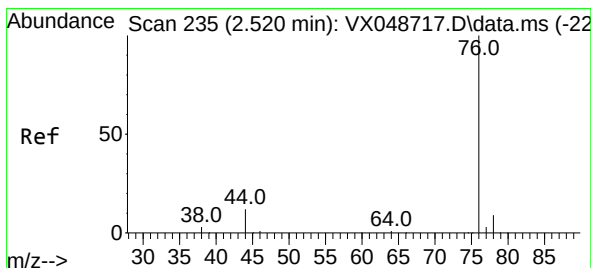
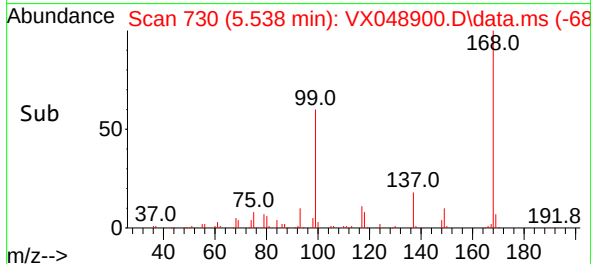
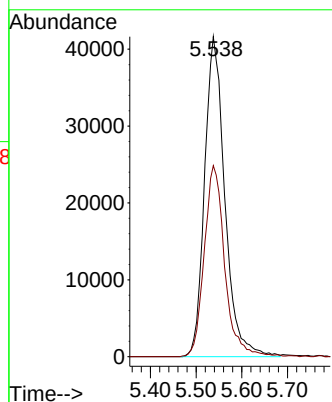
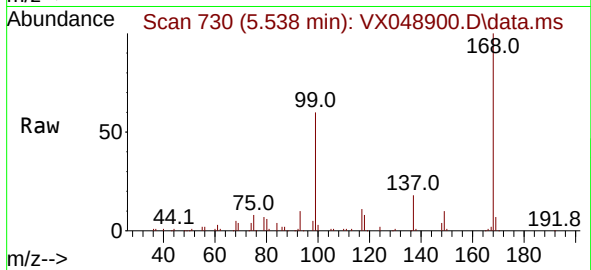




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048900.D
Acq: 16 Dec 2025 20:13

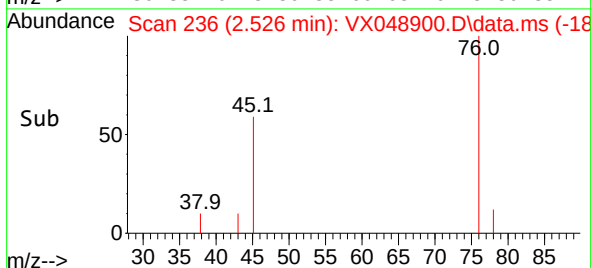
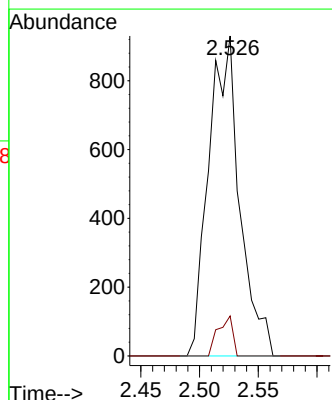
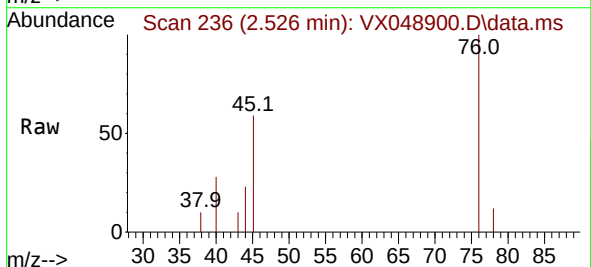
Instrument :
MSVOA_X
ClientSampleId :
TB-20251203RE

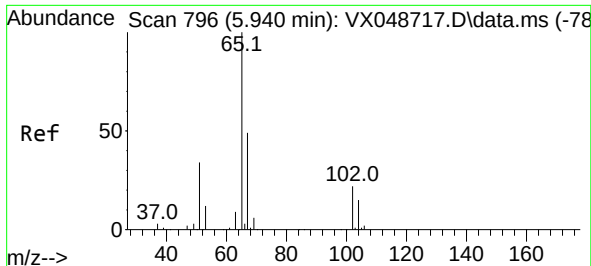
Tgt Ion:168 Resp: 128283
Ion Ratio Lower Upper
168 100
99 59.7 44.2 66.4



#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.006 min
Lab File: VX048900.D
Acq: 16 Dec 2025 20:13

Tgt Ion: 76 Resp: 1706
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.2#





#33

1,2-Dichloroethane-d4

Concen: 42.493 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048900.D

Acq: 16 Dec 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

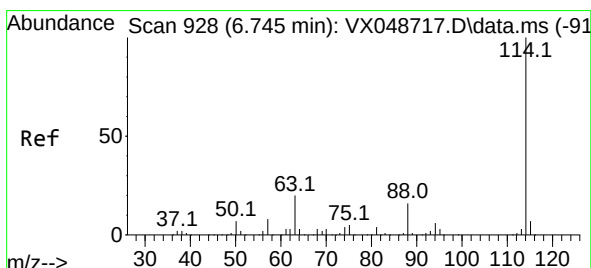
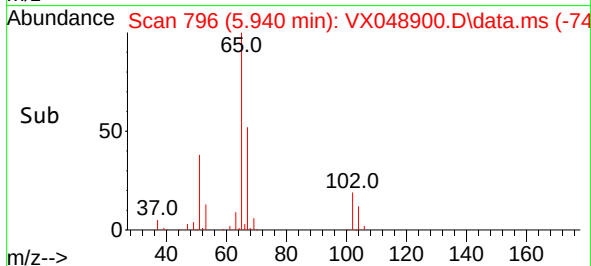
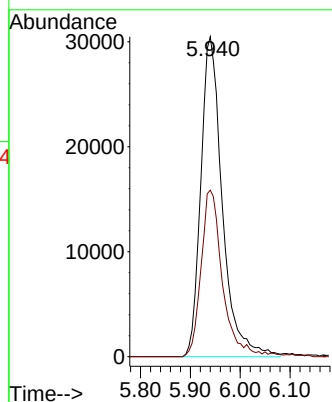
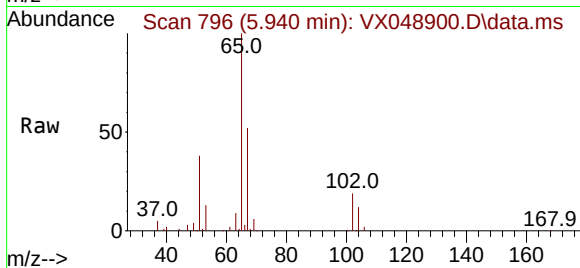
TB-20251203RE

Tgt Ion: 65 Resp: 91118

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048900.D

Acq: 16 Dec 2025 20:13

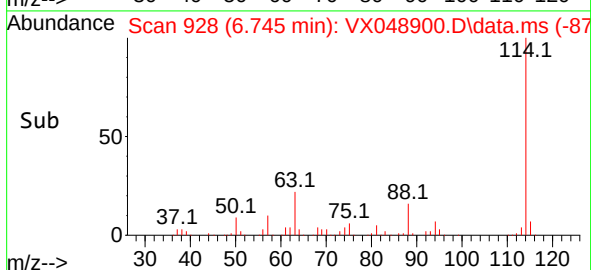
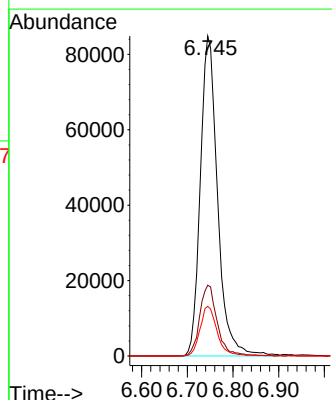
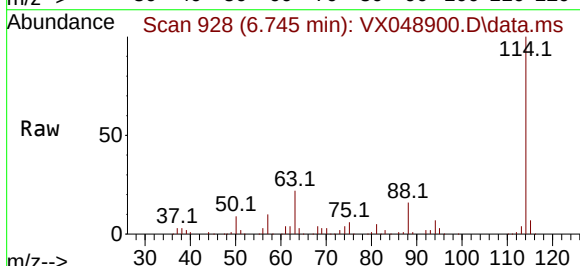
Tgt Ion: 114 Resp: 222478

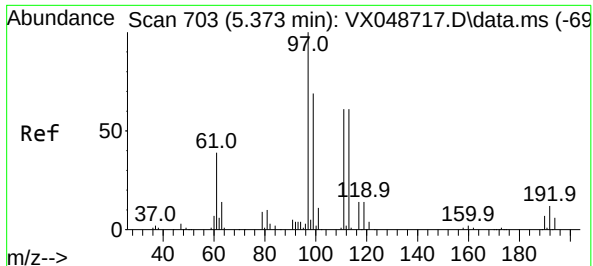
Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.0

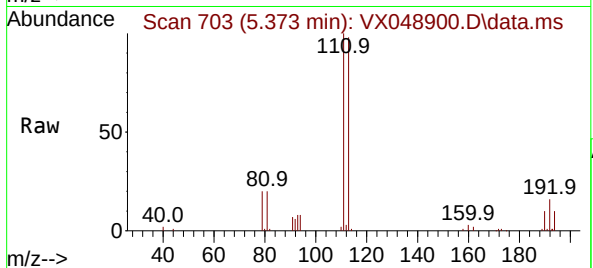
88 15.5 0.0 31.8



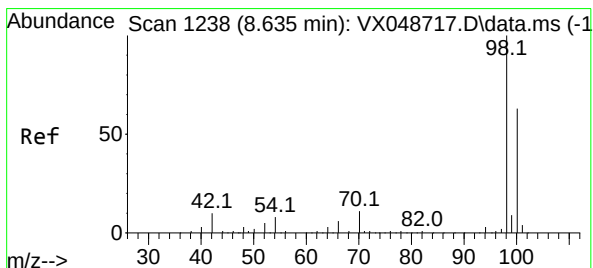
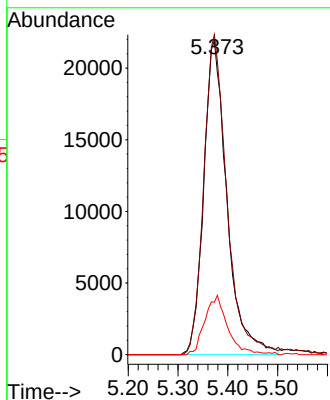
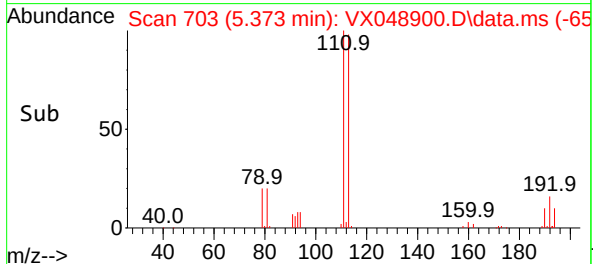


#35
Dibromofluoromethane
Concen: 42.914 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048900.D
Acq: 16 Dec 2025 20:13

Instrument :
MSVOA_X
ClientSampleId :
TB-20251203RE

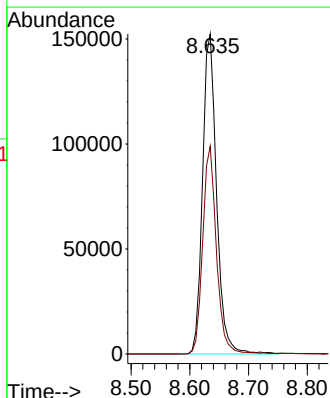
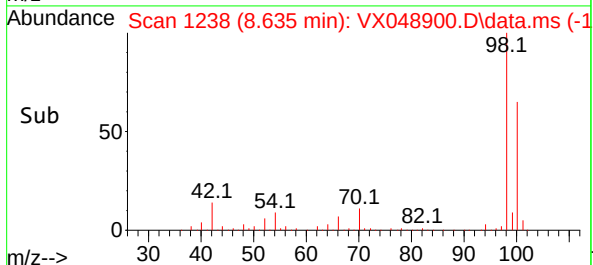
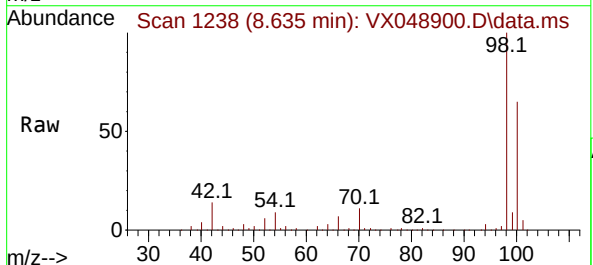


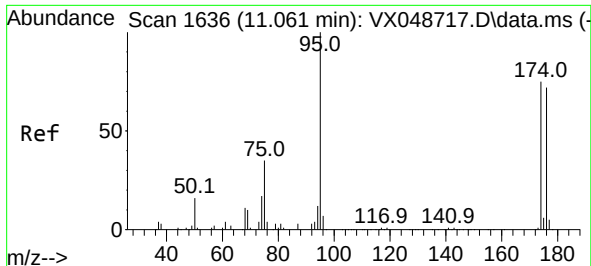
Tgt Ion:113 Resp: 70964
Ion Ratio Lower Upper
113 100
111 102.0 79.5 119.3
192 18.5 16.1 24.1



#50
Toluene-d8
Concen: 42.842 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048900.D
Acq: 16 Dec 2025 20:13

Tgt Ion: 98 Resp: 252928
Ion Ratio Lower Upper
98 100
100 63.7 53.4 80.0

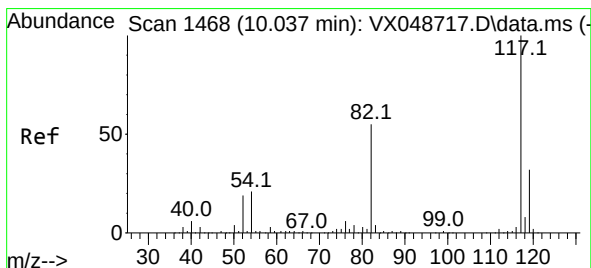
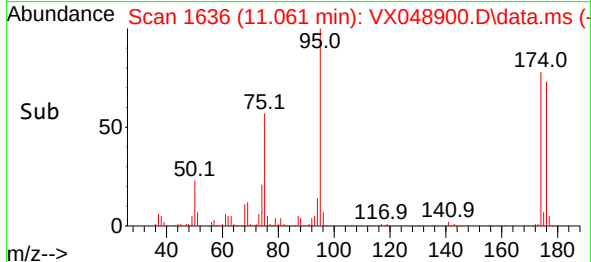
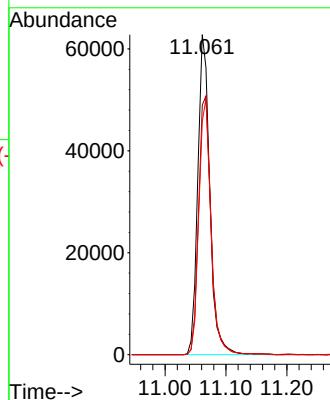
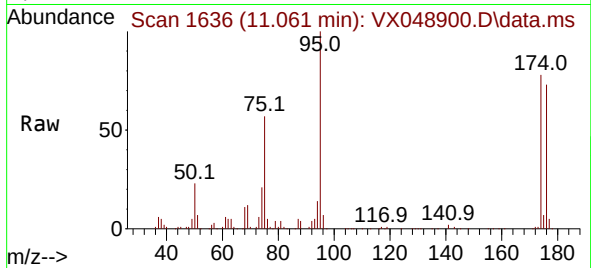




#62
4-Bromofluorobenzene
Concen: 40.513 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048900.D
Acq: 16 Dec 2025 20:13

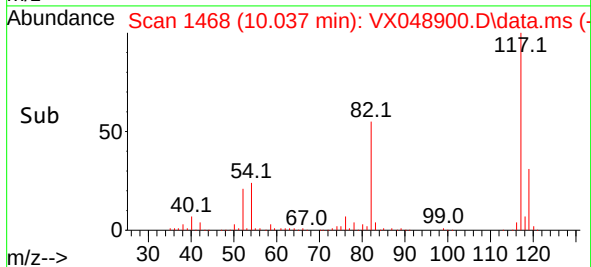
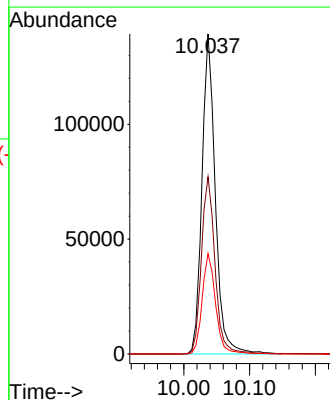
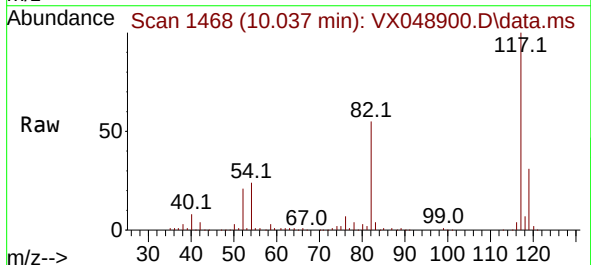
Instrument :
MSVOA_X
ClientSampleId :
TB-20251203RE

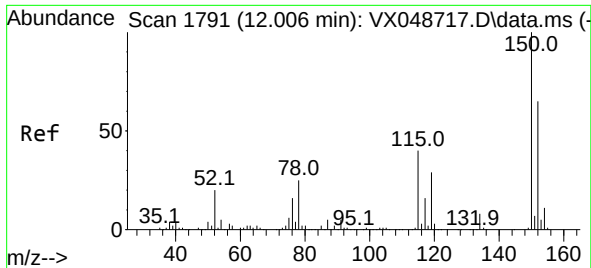
Tgt Ion: 95 Resp: 85870
Ion Ratio Lower Upper
95 100
174 84.3 0.0 157.8
176 80.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048900.D
Acq: 16 Dec 2025 20:13

Tgt Ion: 117 Resp: 196046
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.3 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048900.D

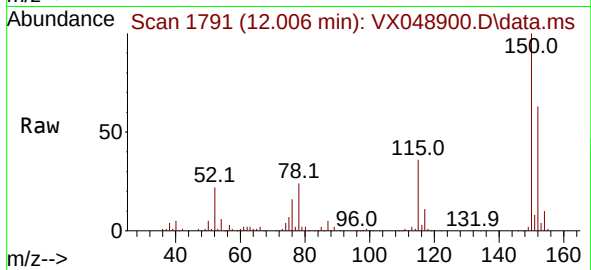
Acq: 16 Dec 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

TB-20251203RE



Tgt Ion:152 Resp: 81284

Ion Ratio Lower Upper

152 100

115 59.5 42.1 126.4

150 160.0 0.0 347.8

