

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046209.D
 Acq On : 15 May 2025 13:24
 Operator : JC/MD
 Sample : Q2050-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250512

Quant Time: May 16 01:05:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

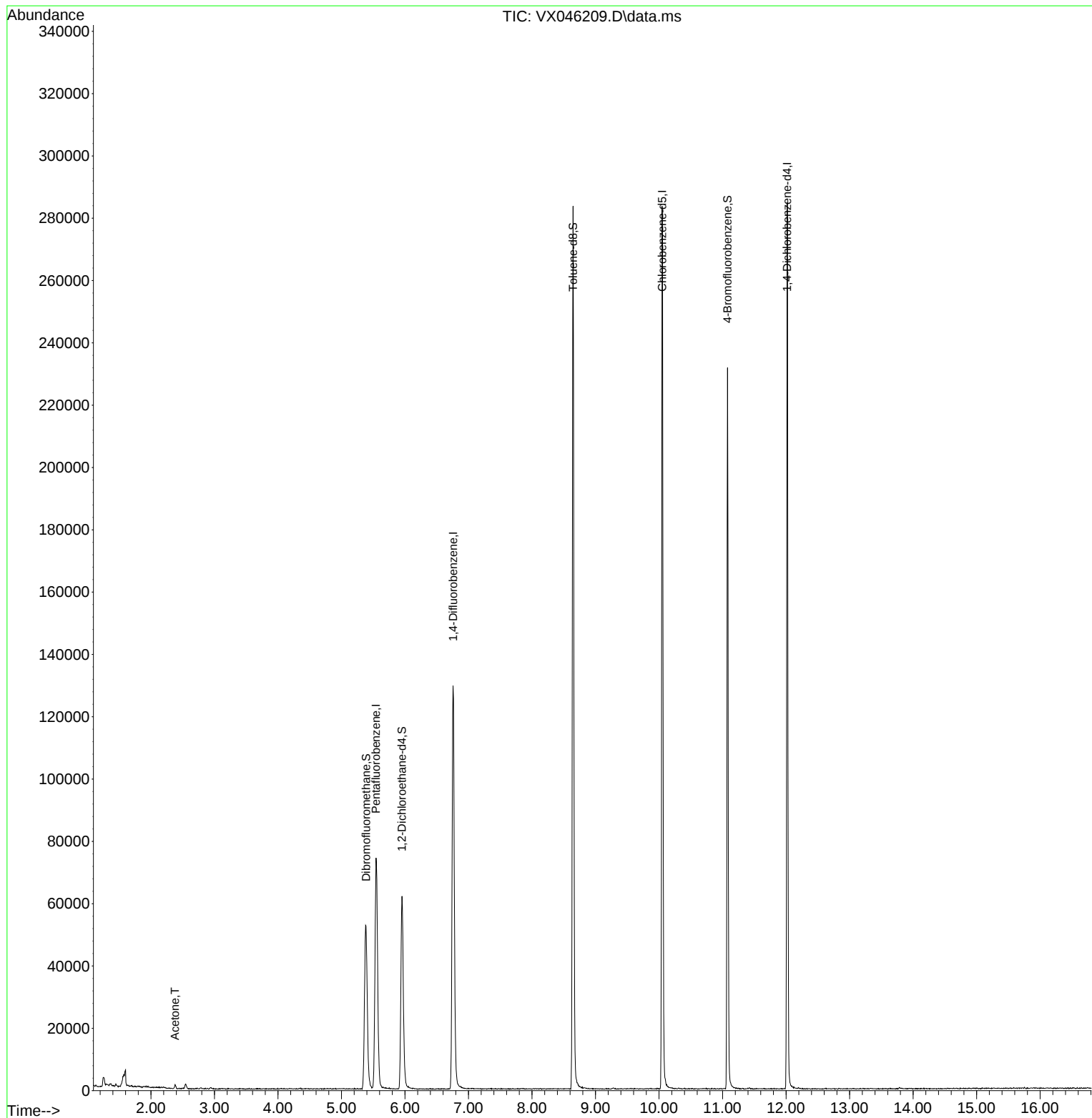
Internal Standards						
1) Pentafluorobenzene	5.544	168	62722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64435	55.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.200%
35) Dibromofluoromethane	5.385	113	47022	52.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	8.647	98	158764	50.968	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.079	95	60562	50.686	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.380%
Target Compounds						Qvalue
16) Acetone	2.380	43	1185	2.527	ug/l	# 75

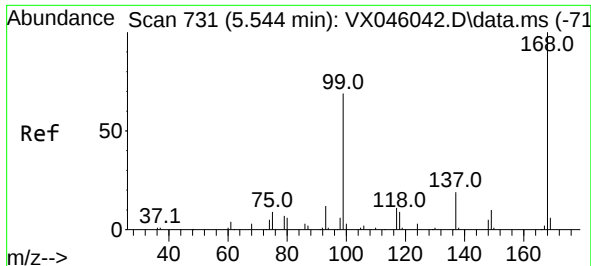
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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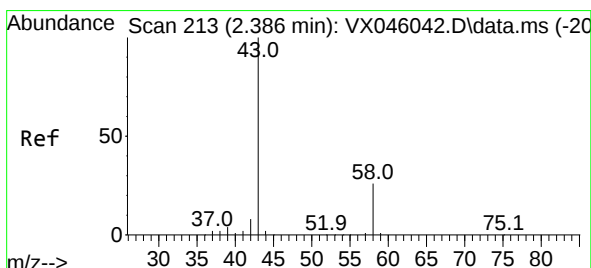
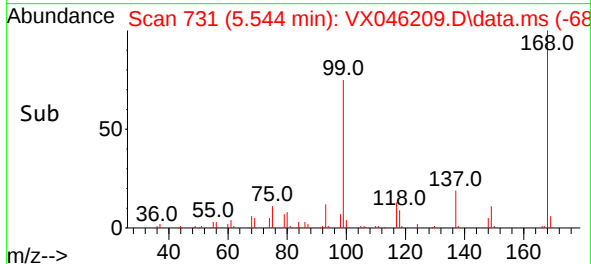
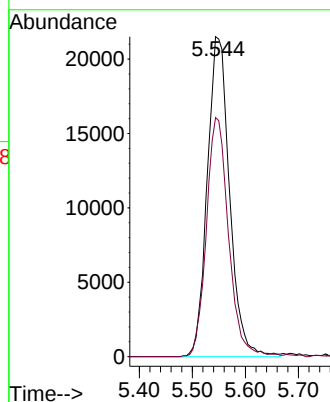
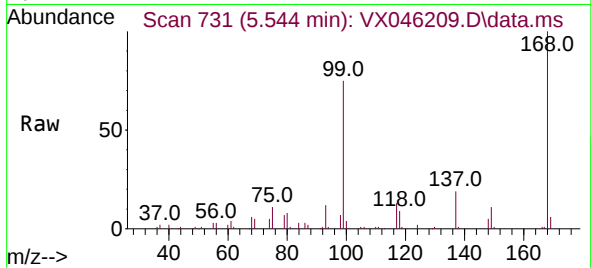




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046209.D
Acq: 15 May 2025 13:24

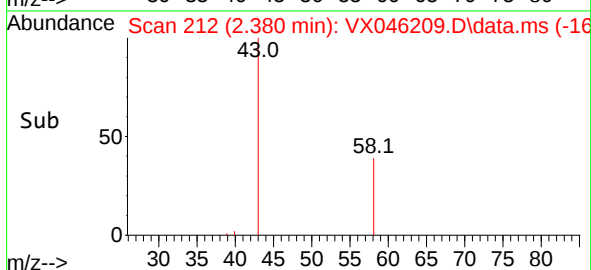
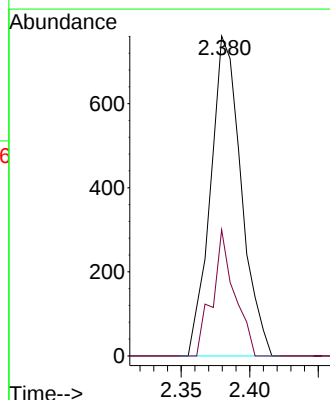
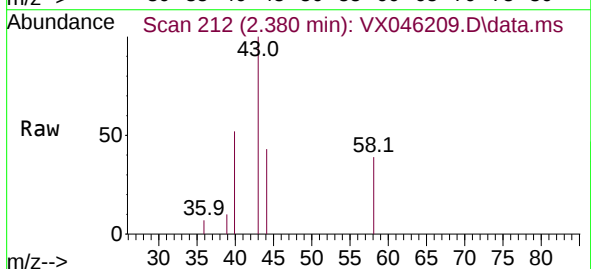
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250512

Tgt Ion:168 Resp: 62722
Ion Ratio Lower Upper
168 100
99 74.7 54.9 82.3



#16
Acetone
Concen: 2.527 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046209.D
Acq: 15 May 2025 13:24

Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 39.4 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 55.104 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046209.D

Acq: 15 May 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

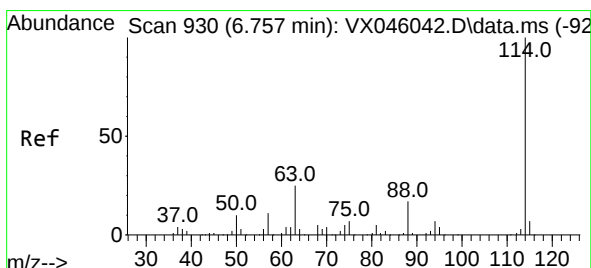
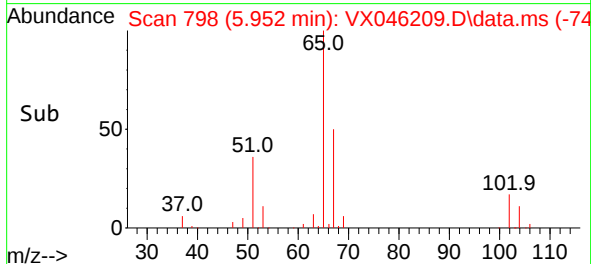
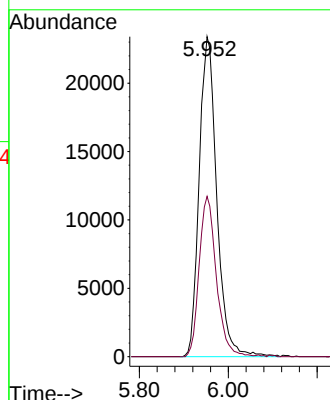
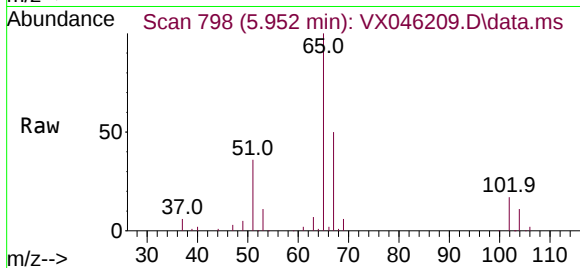
BP-VPB-182-TB-20250512

Tgt Ion: 65 Resp: 64435

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046209.D

Acq: 15 May 2025 13:24

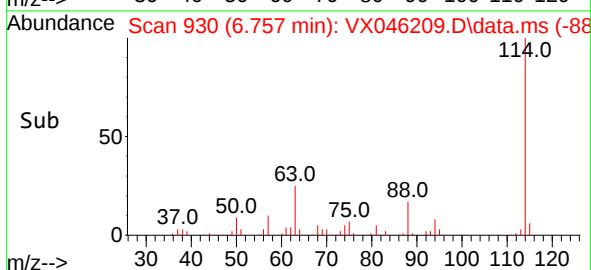
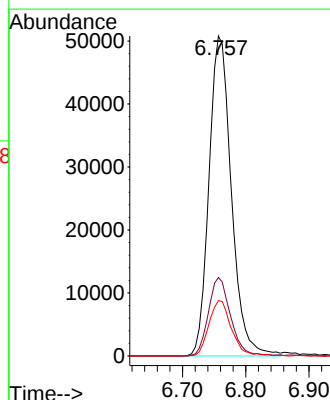
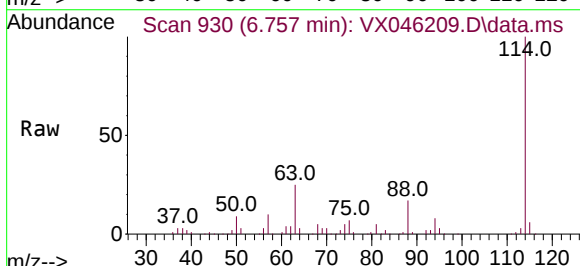
Tgt Ion: 114 Resp: 124979

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

88 17.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.248 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046209.D

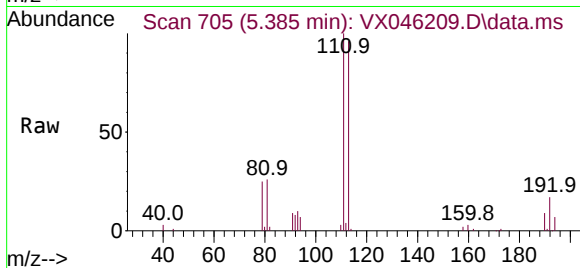
Acq: 15 May 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-TB-20250512



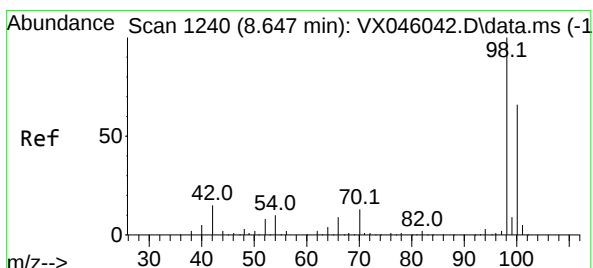
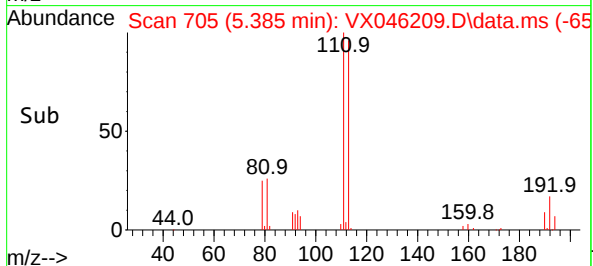
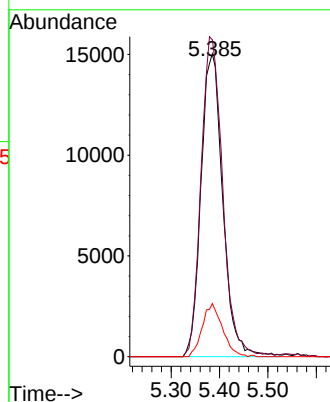
Tgt Ion:113 Resp: 47022

Ion Ratio Lower Upper

113 100

111 104.9 83.1 124.7

192 16.2 13.3 19.9



#50

Toluene-d8

Concen: 50.968 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046209.D

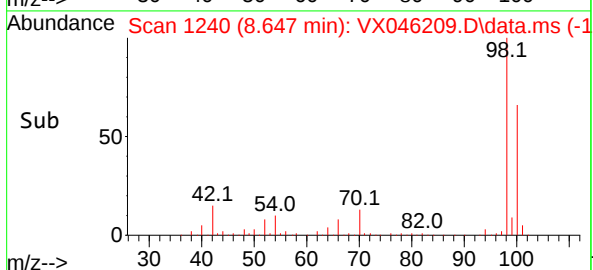
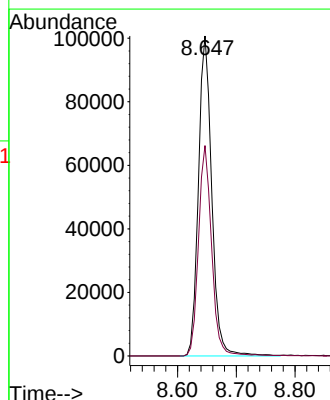
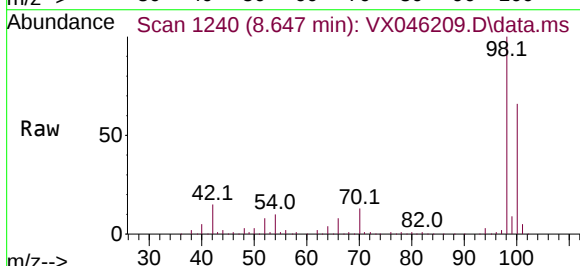
Acq: 15 May 2025 13:24

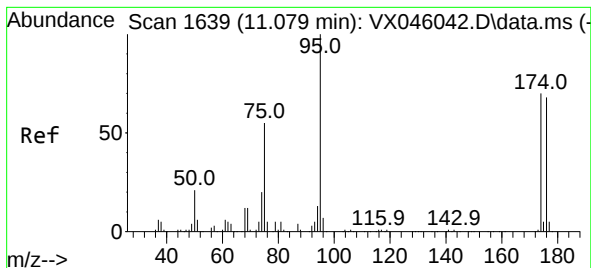
Tgt Ion: 98 Resp: 158764

Ion Ratio Lower Upper

98 100

100 64.9 53.5 80.3

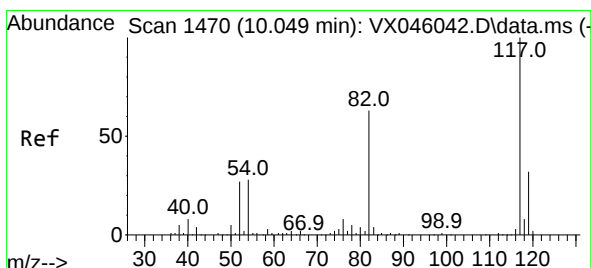
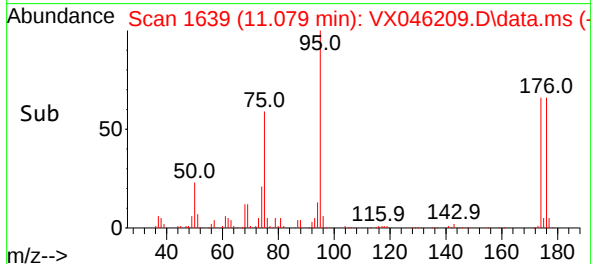
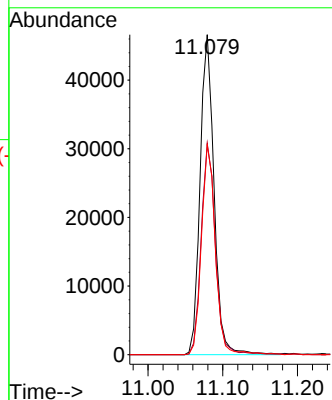
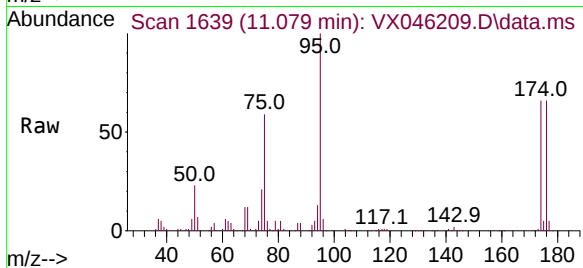




#62
4-Bromofluorobenzene
Concen: 50.686 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046209.D
Acq: 15 May 2025 13:24

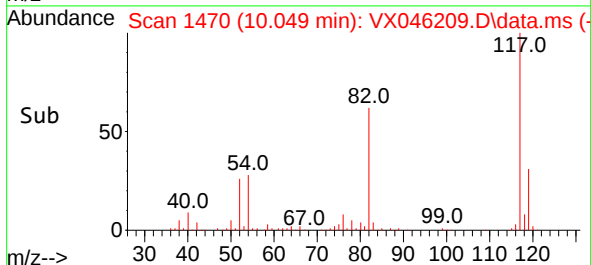
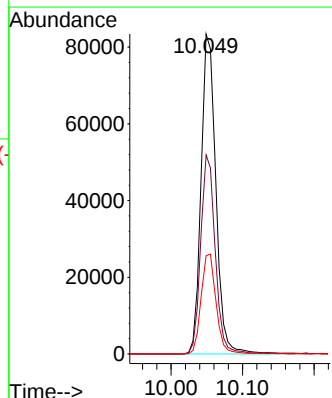
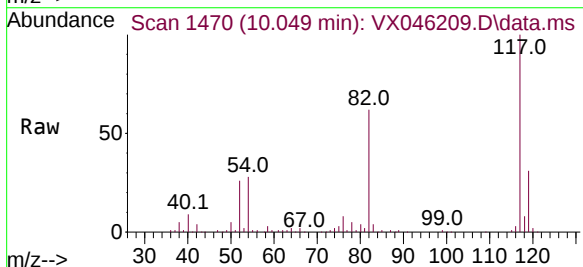
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Tgt Ion: 95 Resp: 60562
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 65.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046209.D
Acq: 15 May 2025 13:24

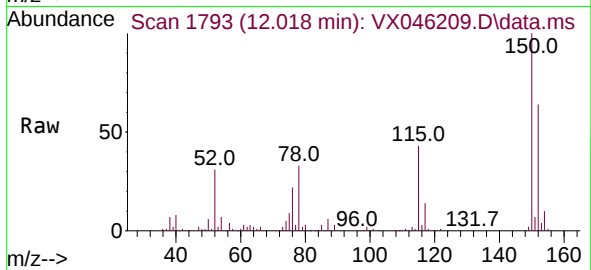
Tgt Ion: 117 Resp: 119897
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 30.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046209.D
 Acq: 15 May 2025 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250512



Tgt Ion:152 Resp: 51079
 Ion Ratio Lower Upper
 152 100
 115 65.2 46.9 140.7
 150 157.4 0.0 351.0

