

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047996.D
 Acq On : 03 Oct 2025 15:55
 Operator : JC/MD
 Sample : Q3248-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20250930

Quant Time: Oct 03 23:51:12 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)

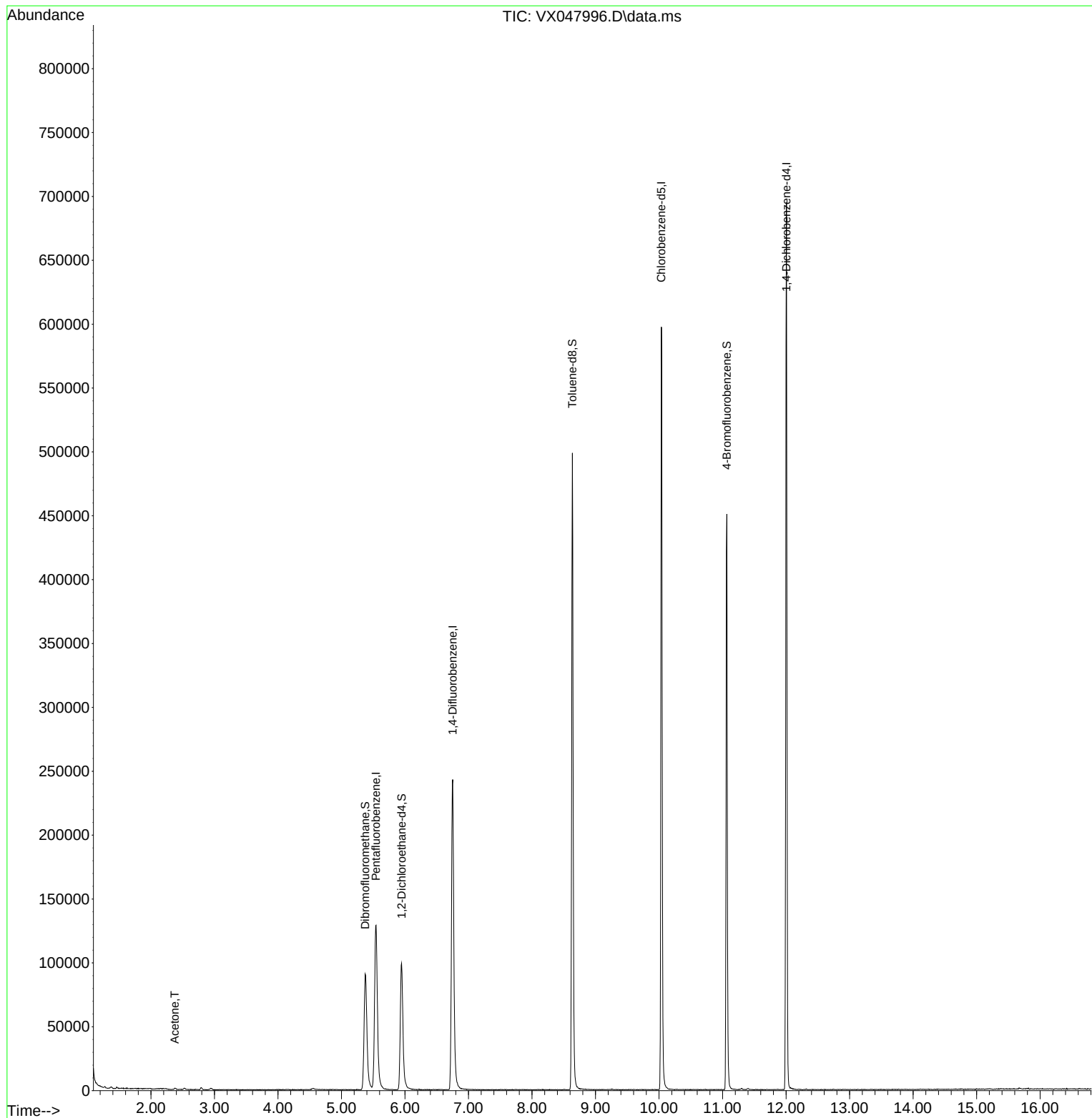
Internal Standards						
1) Pentafluorobenzene	5.544	168	130029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	264754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107932	52.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.300%
35) Dibromofluoromethane	5.373	113	88325	49.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	8.634	98	296281	48.224	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.067	95	126538	54.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.540%
Target Compounds						
16) Acetone	2.373	43	1542	1.713	ug/l	Qvalue # 71

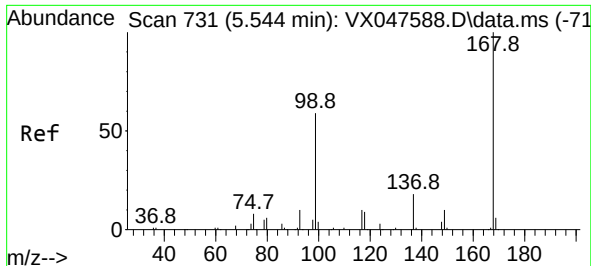
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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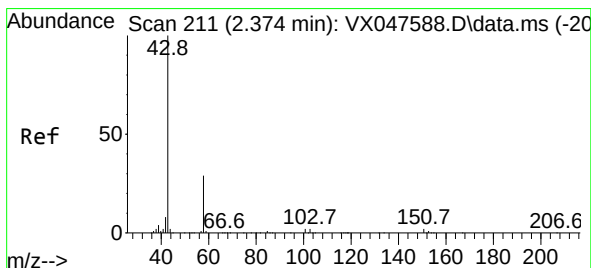
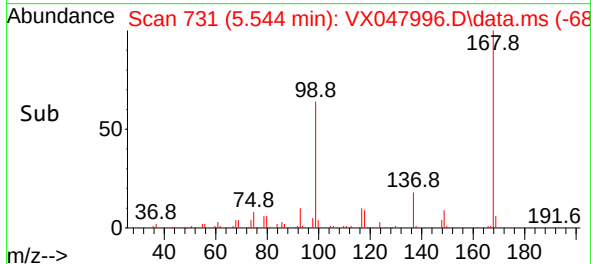
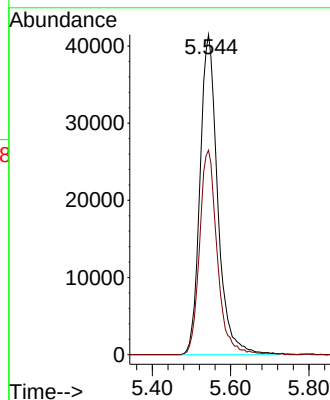
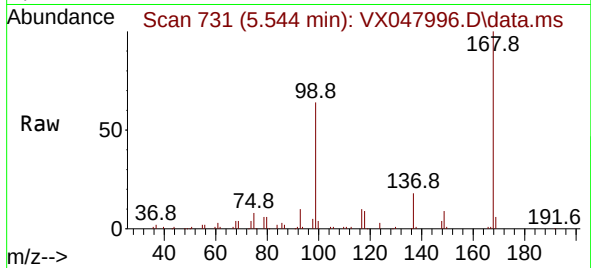




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047996.D
Acq: 03 Oct 2025 15:55

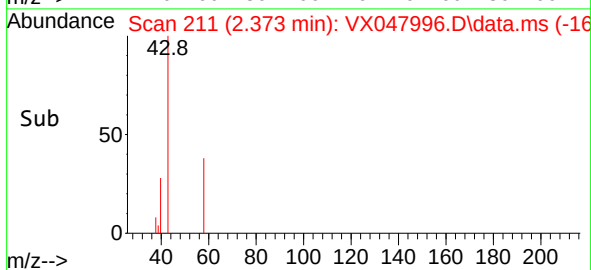
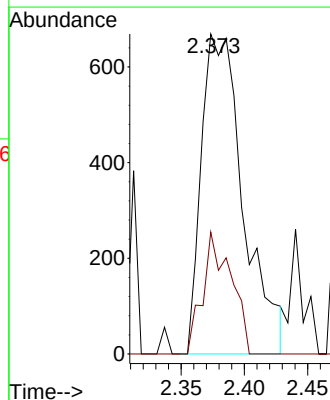
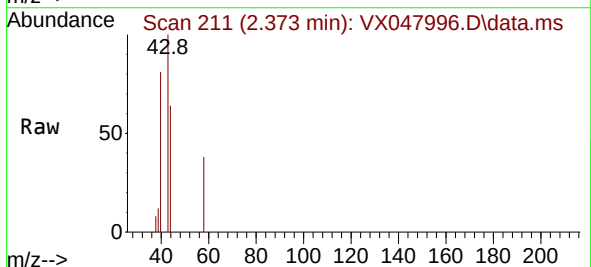
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250930

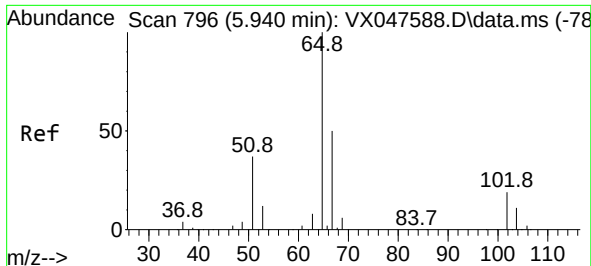
Tgt Ion:168 Resp: 130029
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#16
Acetone
Concen: 1.713 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047996.D
Acq: 03 Oct 2025 15:55

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 44.8 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 52.148 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047996.D

Acq: 03 Oct 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

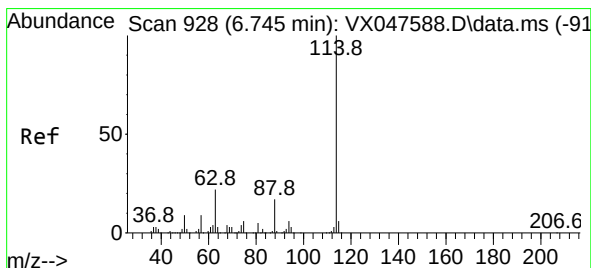
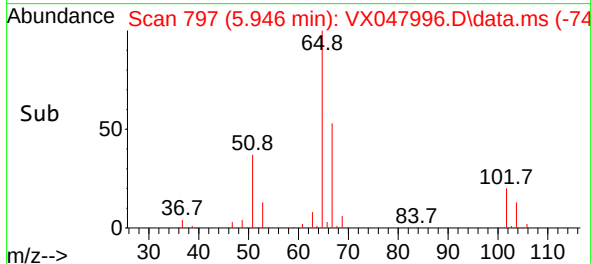
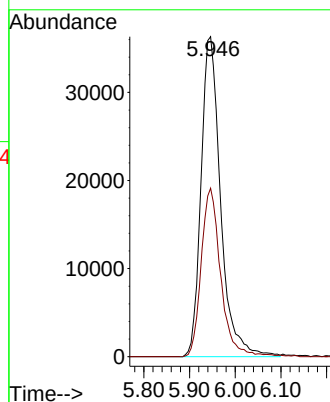
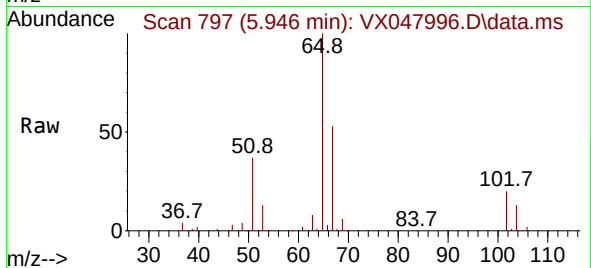
BP-VPB-184-TB-20250930

Tgt Ion: 65 Resp: 107932

Ion Ratio Lower Upper

65 100

67 52.5 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: VX047996.D

Acq: 03 Oct 2025 15:55

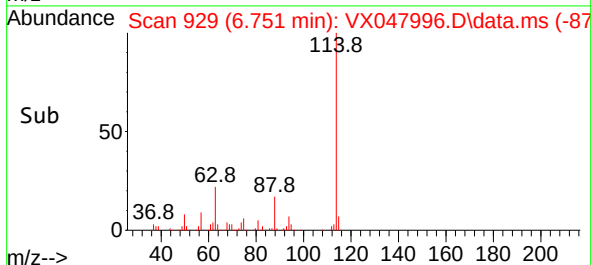
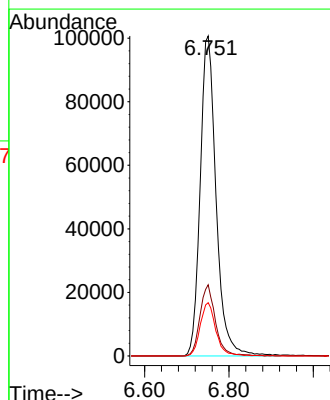
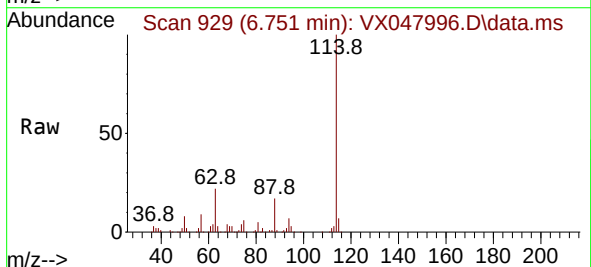
Tgt Ion: 114 Resp: 264754

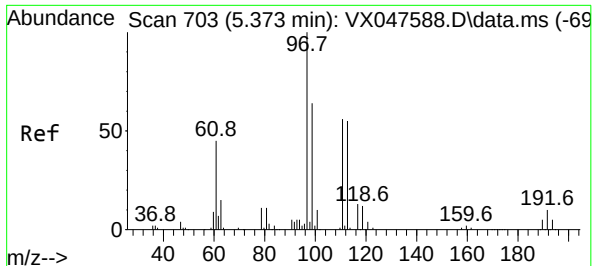
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.7 0.0 34.2

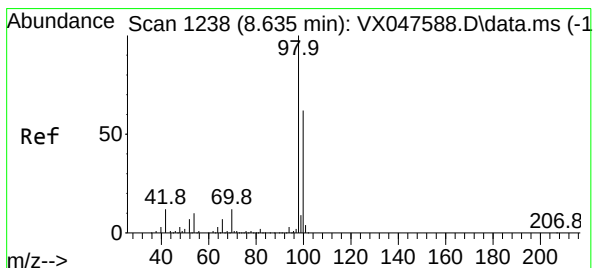
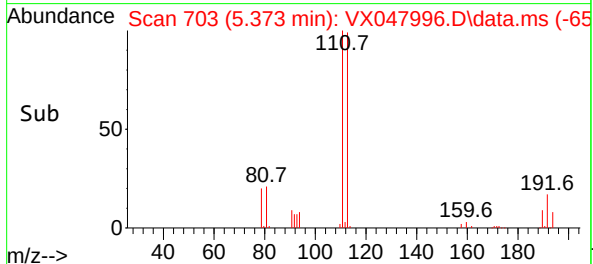
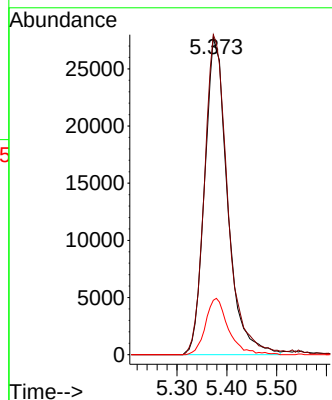
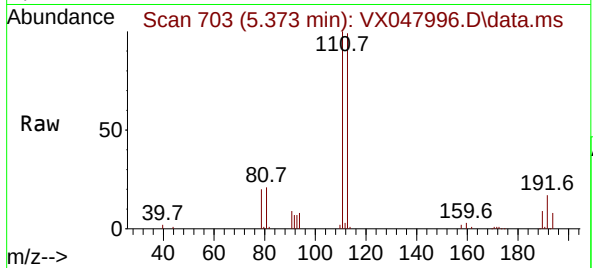




#35
Dibromofluoromethane
Concen: 49.744 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047996.D
Acq: 03 Oct 2025 15:55

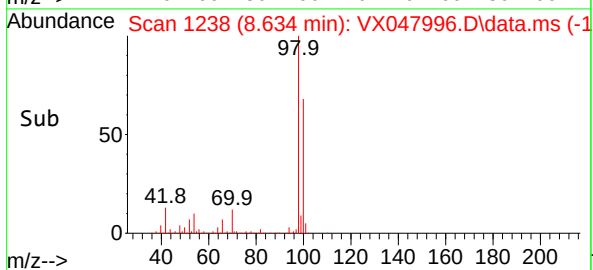
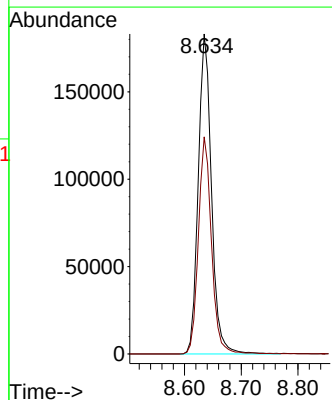
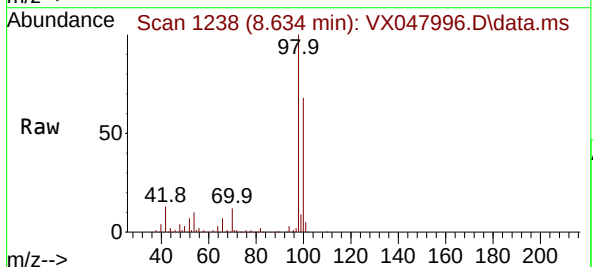
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250930

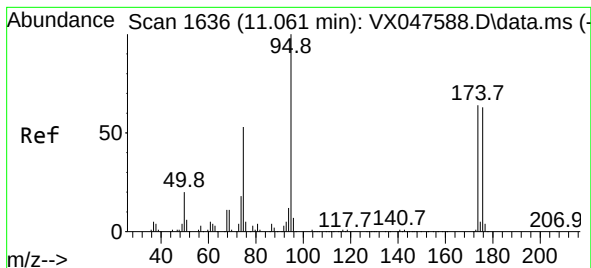
Tgt Ion:113 Resp: 88325
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.8 14.2 21.4



#50
Toluene-d8
Concen: 48.224 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047996.D
Acq: 03 Oct 2025 15:55

Tgt Ion: 98 Resp: 296281
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 54.268 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047996.D

Acq: 03 Oct 2025 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-TB-20250930

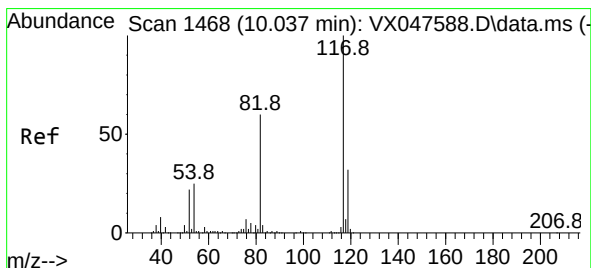
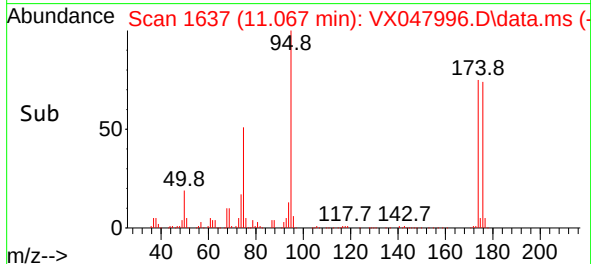
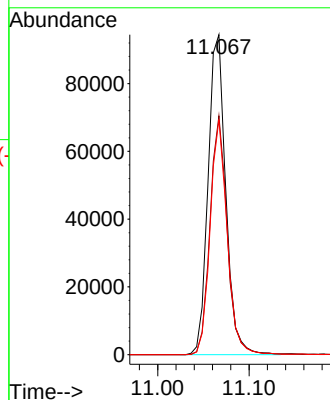
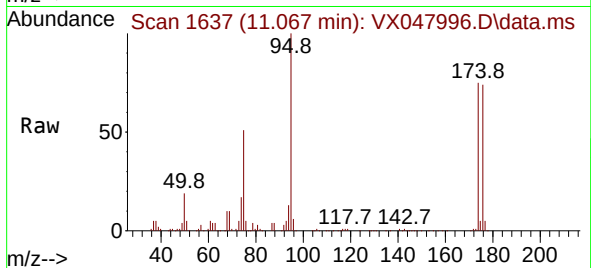
Tgt Ion: 95 Resp: 126538

Ion Ratio Lower Upper

95 100

174 72.8 0.0 141.6

176 70.6 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: VX047996.D

Acq: 03 Oct 2025 15:55

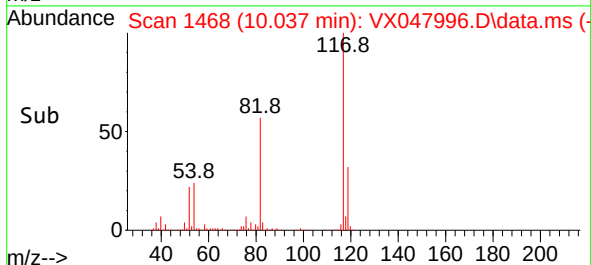
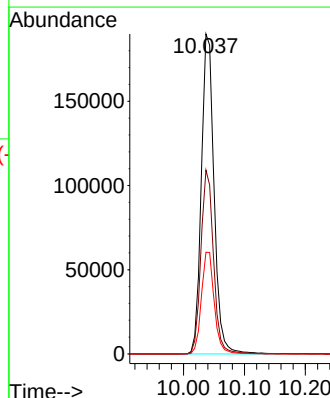
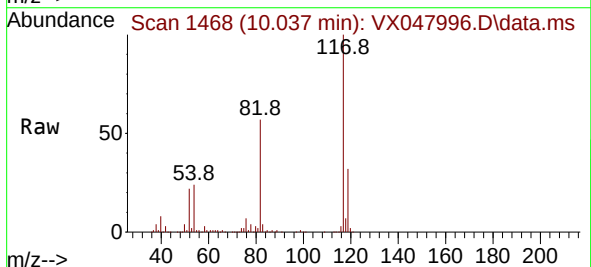
Tgt Ion: 117 Resp: 276284

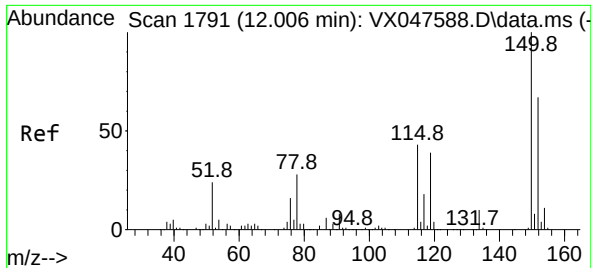
Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

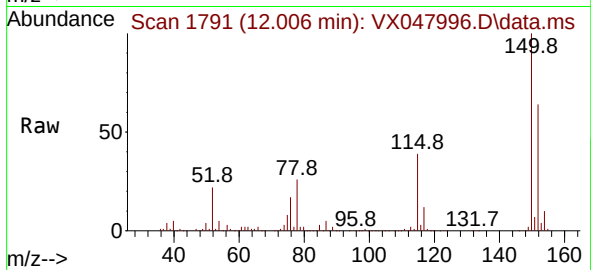
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047996.D
 Acq: 03 Oct 2025 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20250930



Tgt Ion:152 Resp: 139079
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 158.2 0.0 352.0

