

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047989.D
 Acq On : 03 Oct 2025 13:30
 Operator : JC/MD
 Sample : Q3194-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250922

Quant Time: Oct 03 23:47:19 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)

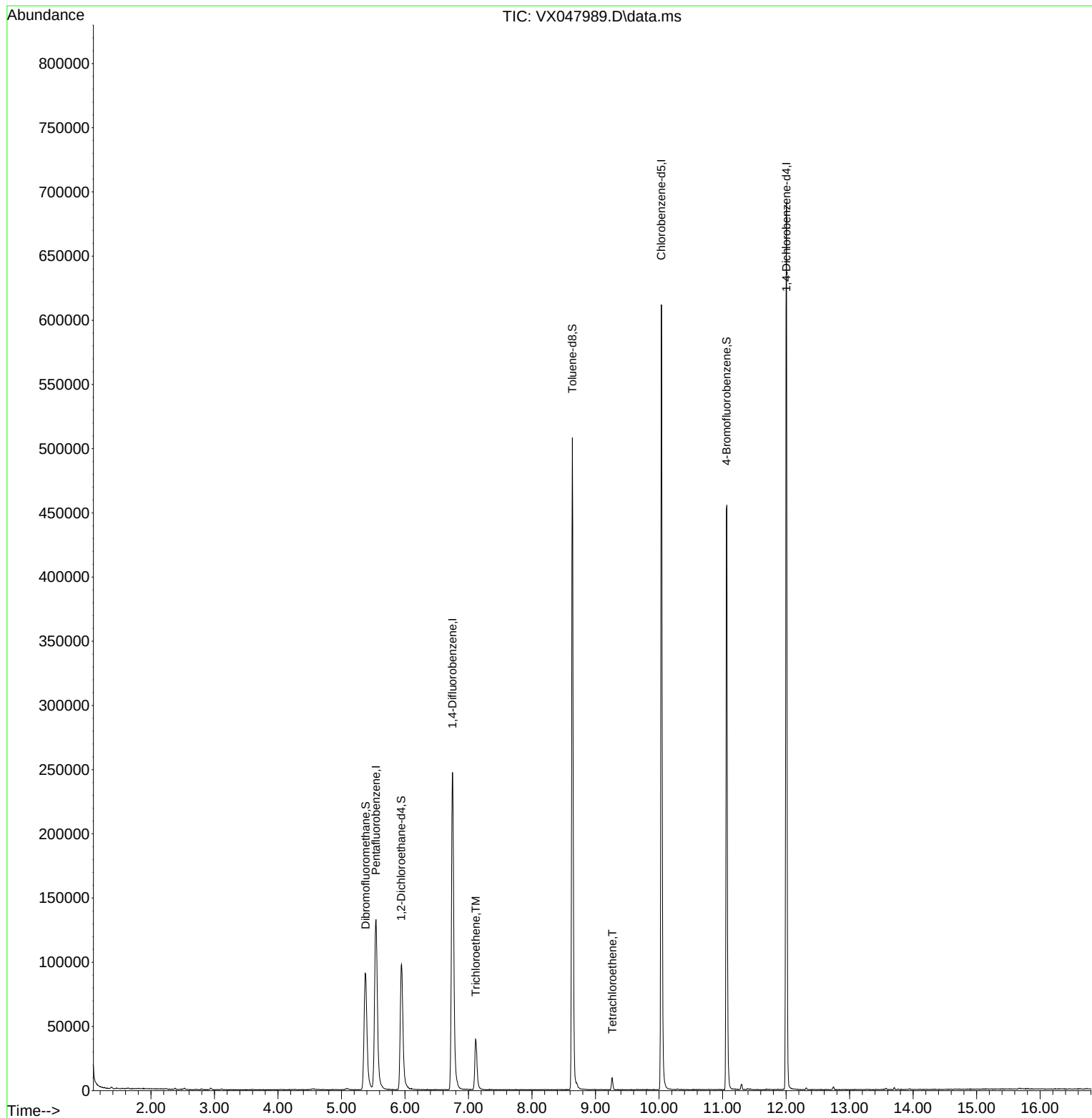
Internal Standards						
1) Pentafluorobenzene	5.544	168	134239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	273643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	110747	51.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.660%
35) Dibromofluoromethane	5.379	113	90085	49.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.635	98	309294	48.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.061	95	133371	55.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.680%
Target Compounds						
44) Trichloroethene	7.117	130	17480	8.877	ug/l	92
64) Tetrachloroethene	9.262	164	1493	0.809	ug/l	92

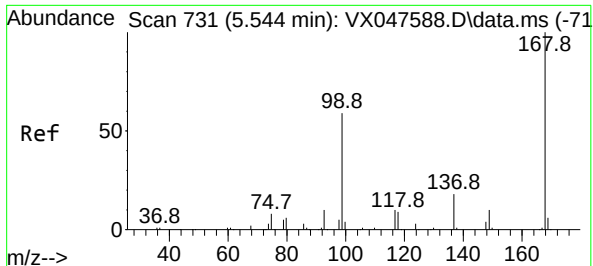
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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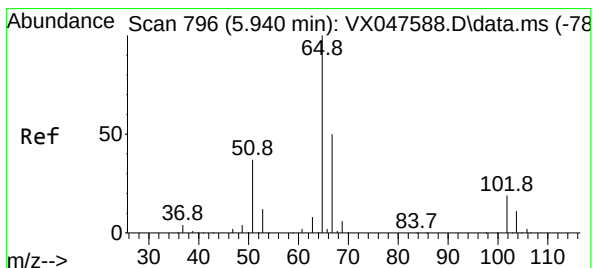
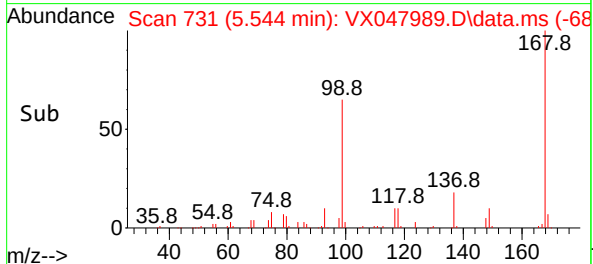
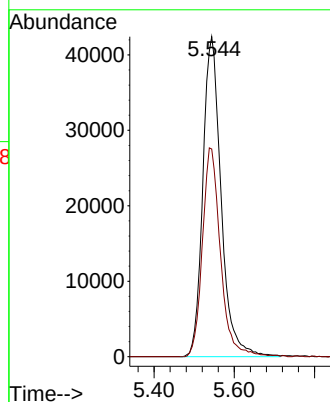
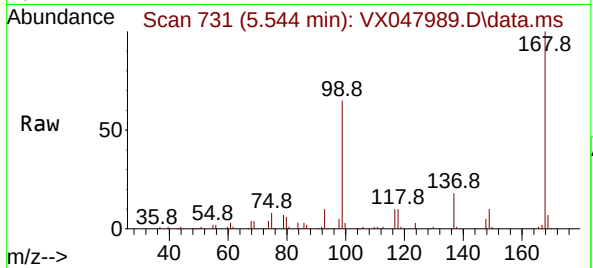




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047989.D
Acq: 03 Oct 2025 13:30

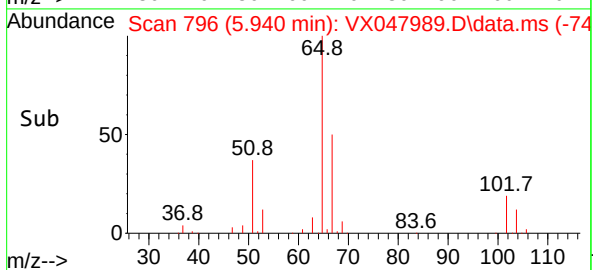
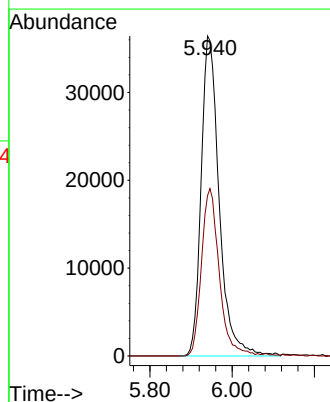
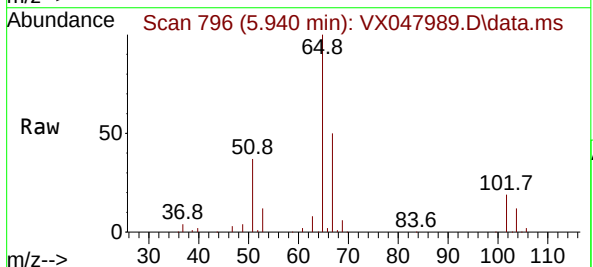
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

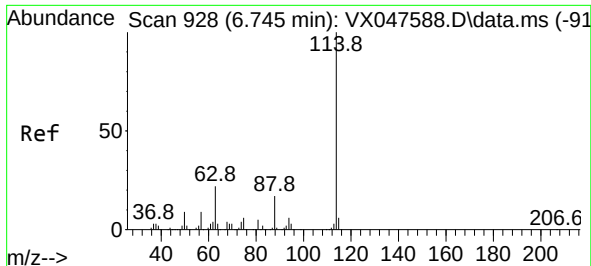
Tgt Ion:168 Resp: 134239
Ion Ratio Lower Upper
168 100
99 64.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.830 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047989.D
Acq: 03 Oct 2025 13:30

Tgt Ion: 65 Resp: 110747
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

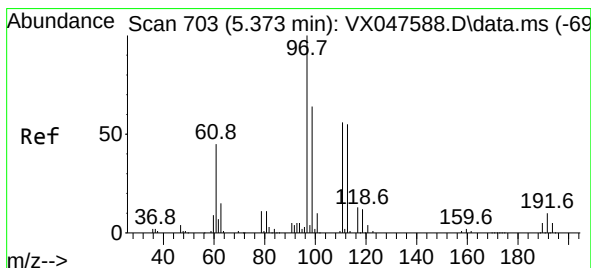
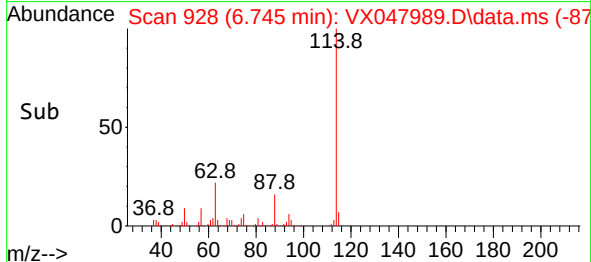
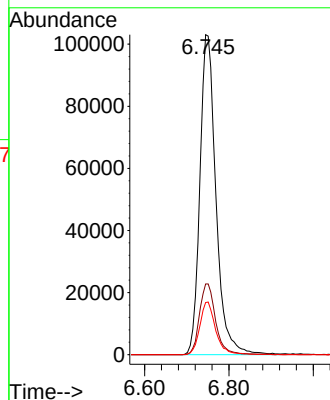
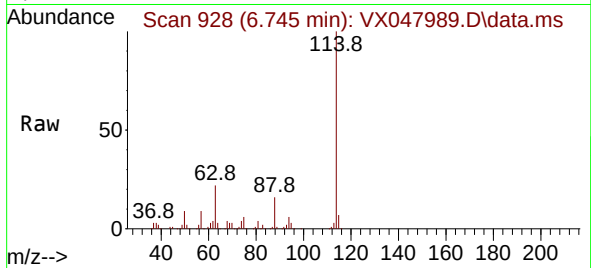




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047989.D
Acq: 03 Oct 2025 13:30

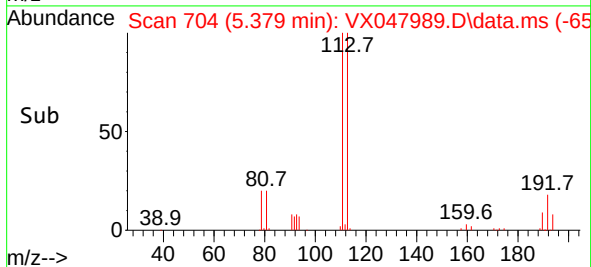
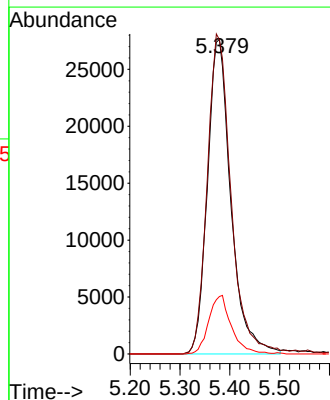
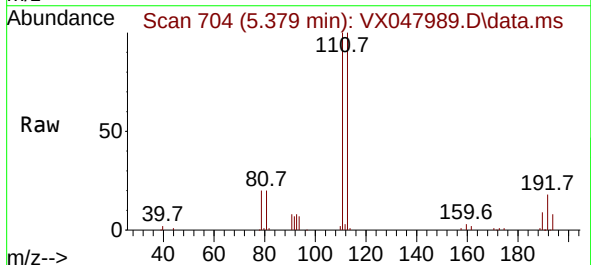
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

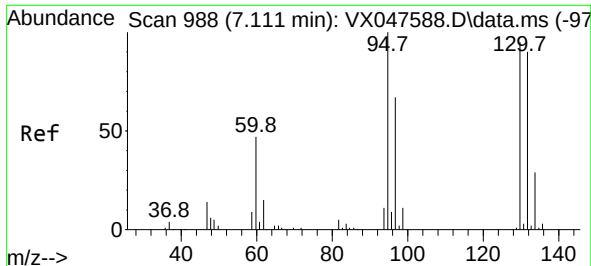
Tgt Ion:114 Resp: 273643
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047989.D
Acq: 03 Oct 2025 13:30

Tgt Ion:113 Resp: 90085
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 18.0 14.2 21.4

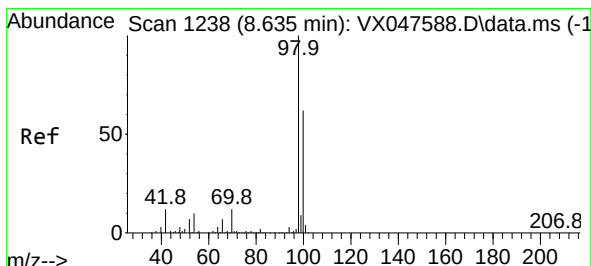
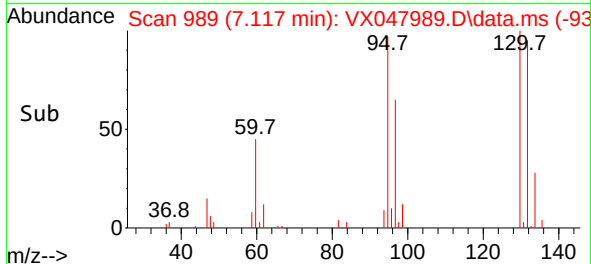
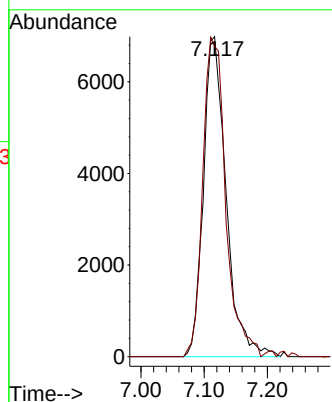
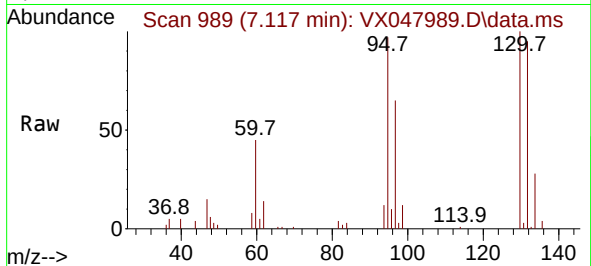




#44
 Trichloroethene
 Concen: 8.877 ug/l
 RT: 7.117 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX047989.D
 Acq: 03 Oct 2025 13:30

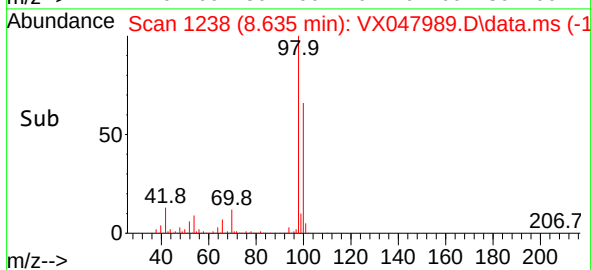
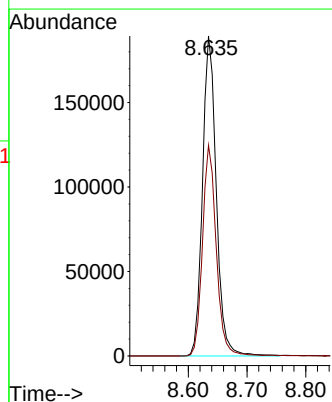
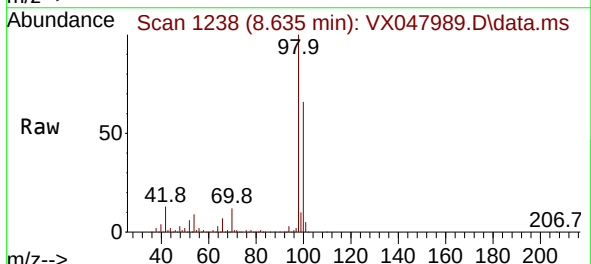
Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250922

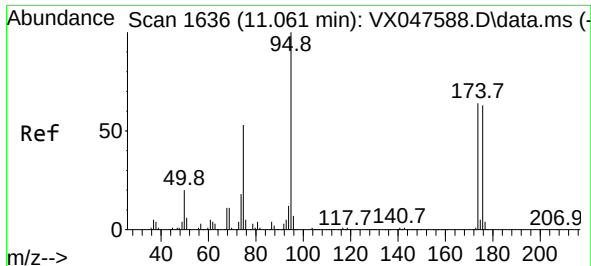
Tgt Ion:130 Resp: 17480
 Ion Ratio Lower Upper
 130 100
 95 96.9 0.0 210.8



#50
 Toluene-d8
 Concen: 48.707 ug/l
 RT: 8.635 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX047989.D
 Acq: 03 Oct 2025 13:30

Tgt Ion: 98 Resp: 309294
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.0 79.4

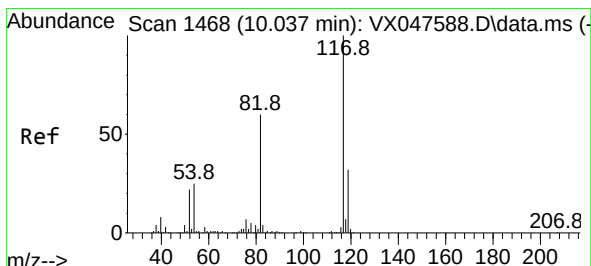
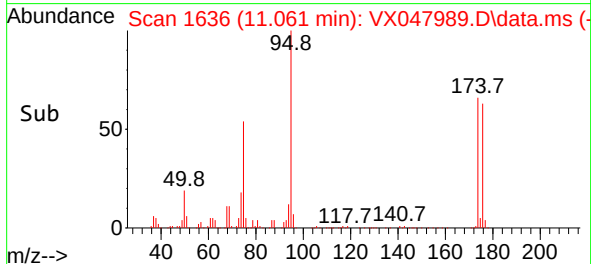
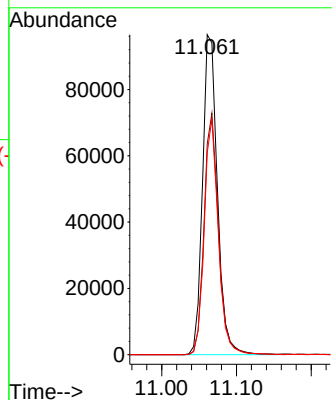
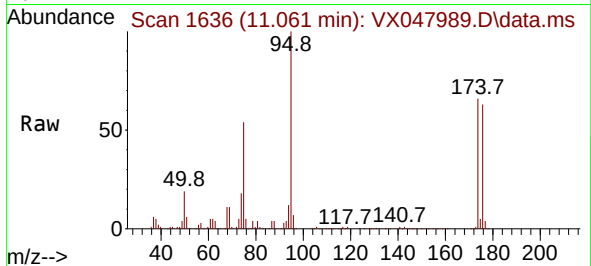




#62
4-Bromofluorobenzene
Concen: 55.341 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047989.D
Acq: 03 Oct 2025 13:30

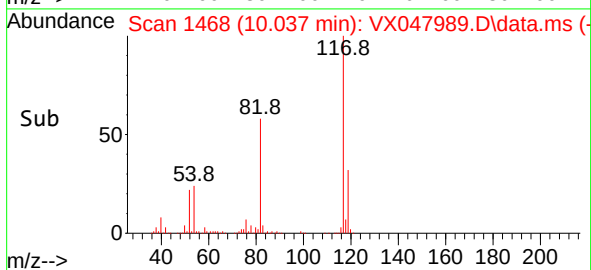
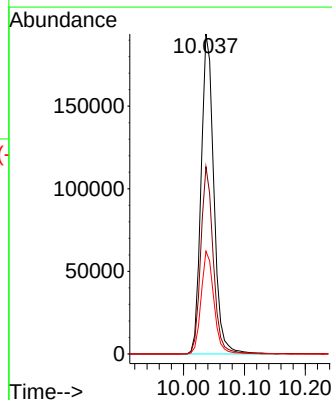
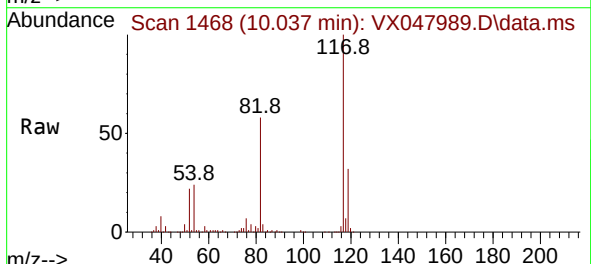
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

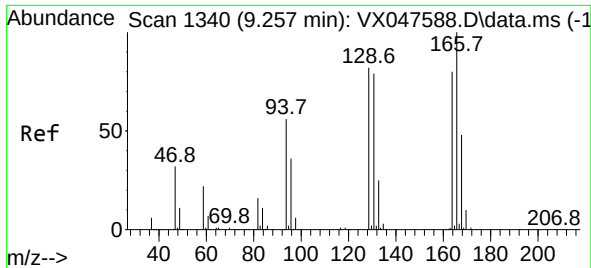
Tgt Ion: 95 Resp: 133371
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 69.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047989.D
Acq: 03 Oct 2025 13:30

Tgt Ion: 117 Resp: 283063
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.1 25.2 37.8





#64

Tetrachloroethene

Concen: 0.809 ug/l

RT: 9.262 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047989.D

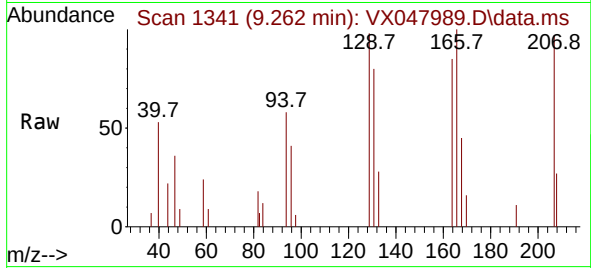
Acq: 03 Oct 2025 13:30

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20250922



Tgt Ion:164 Resp: 1493

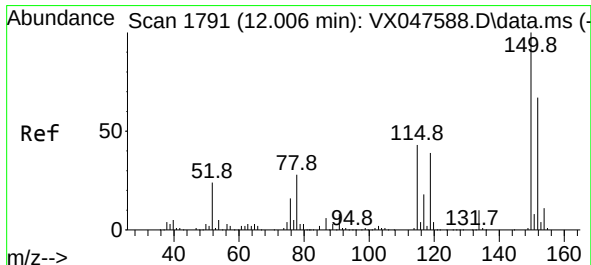
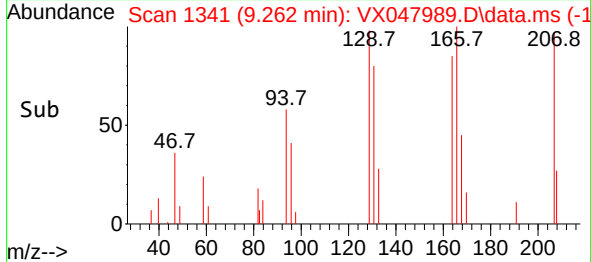
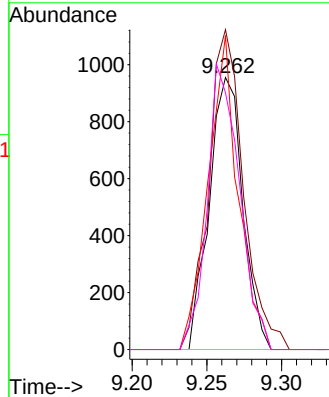
Ion Ratio Lower Upper

164 100

166 117.6 100.2 150.2

129 115.4 81.8 122.6

131 94.5 78.6 118.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047989.D

Acq: 03 Oct 2025 13:30

Tgt Ion:152 Resp: 141569

Ion Ratio Lower Upper

152 100

115 63.2 44.9 134.5

150 158.2 0.0 352.0

