

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048193.D
 Acq On : 15 Oct 2025 15:58
 Operator : JC/MD
 Sample : Q3346-01 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 04:07:51 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	96445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	203702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96844	63.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	126.160%#
35) Dibromofluoromethane	5.373	113	76586	56.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.120%
50) Toluene-d8	8.635	98	266908	56.463	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	112.920%#
62) 4-Bromofluorobenzene	11.067	95	111096	61.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.860%#

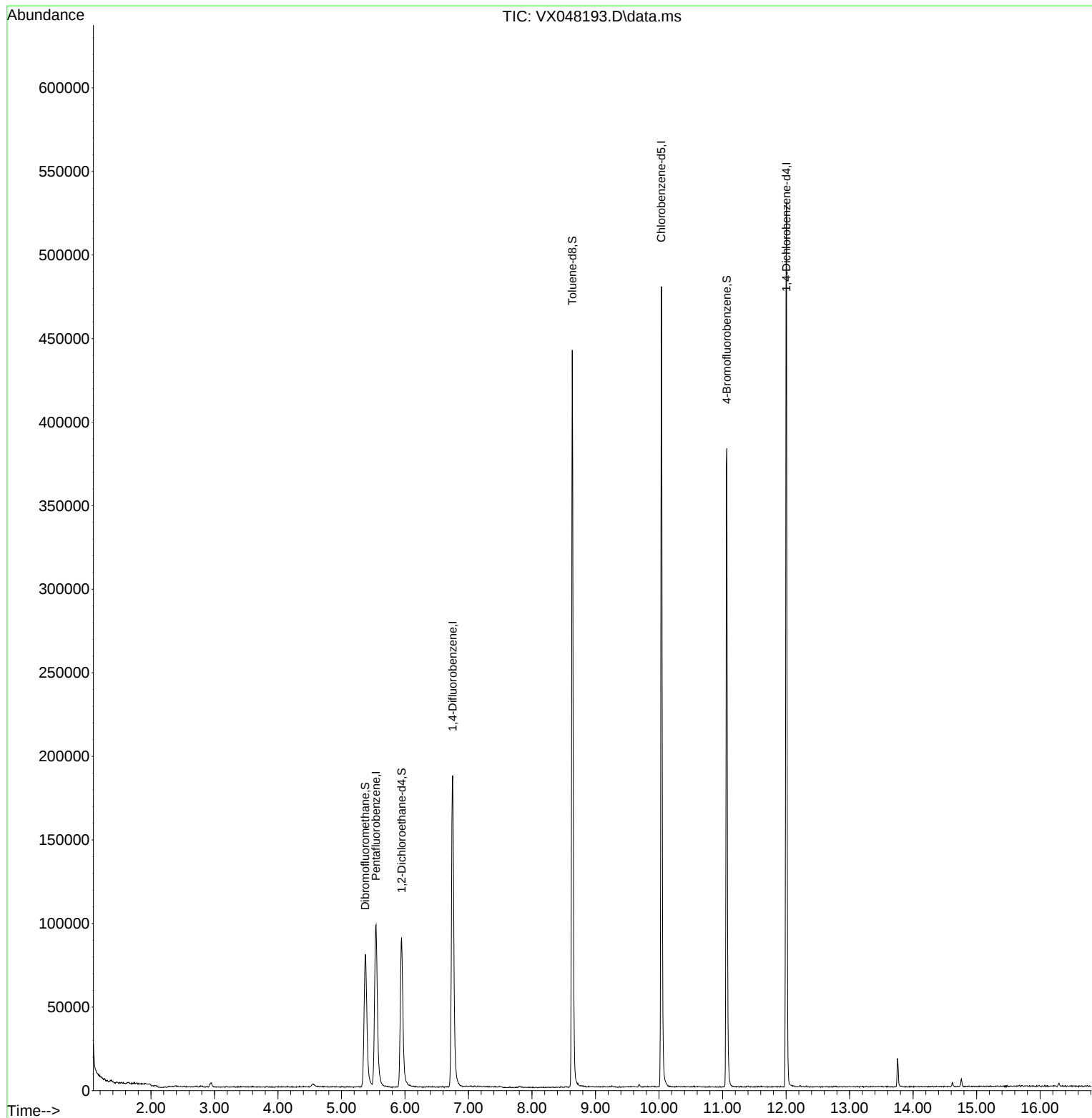
Target Compounds	Qvalue

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

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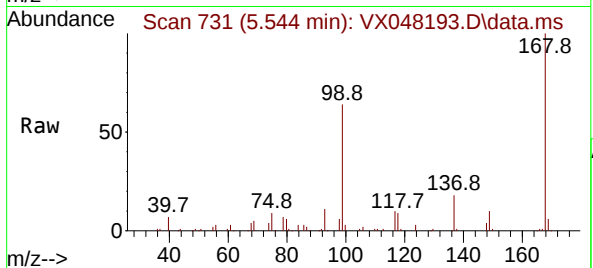
Quant Time: Oct 16 04:07:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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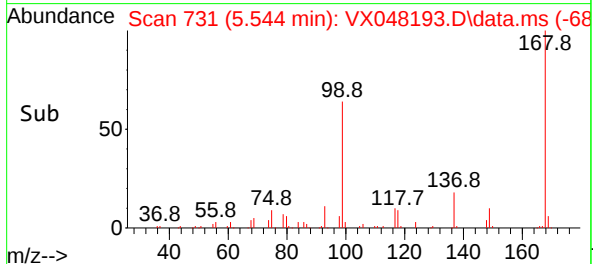
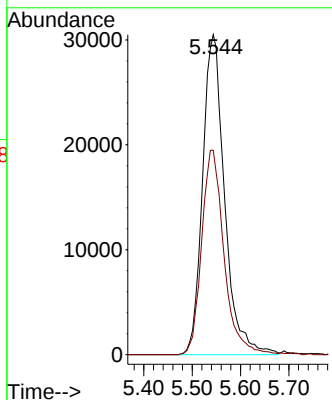


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048193.D
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ClientSampleId :

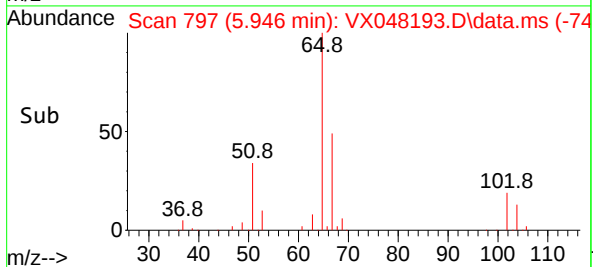
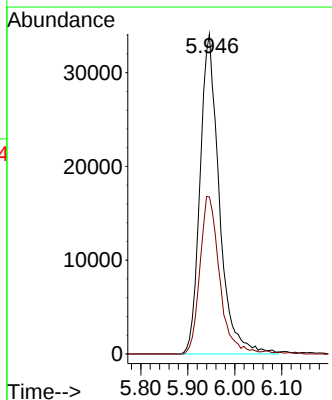
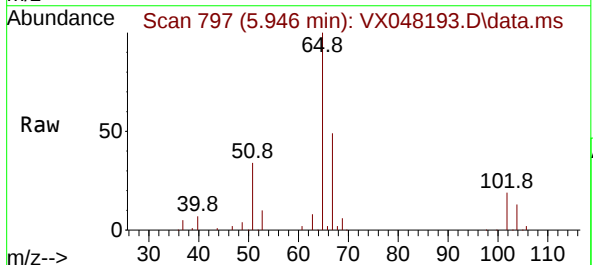


Tgt Ion:168 Resp: 96445
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 63.084 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

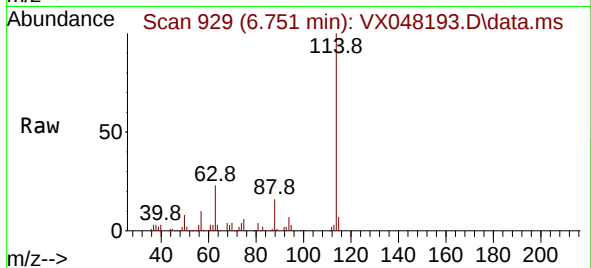
Tgt Ion: 65 Resp: 96844
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



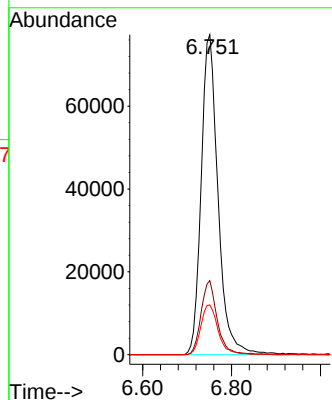
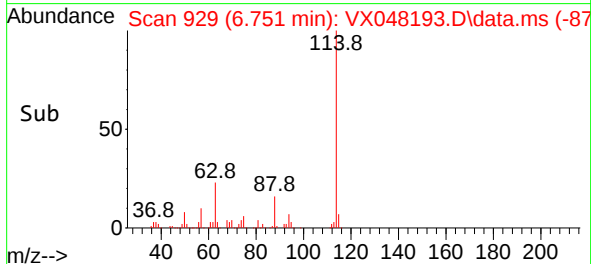


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :

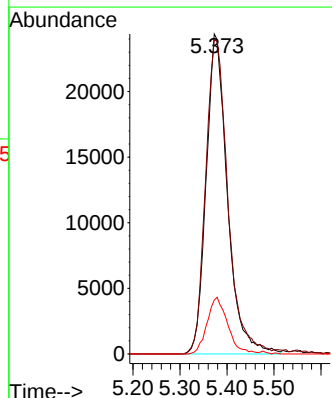
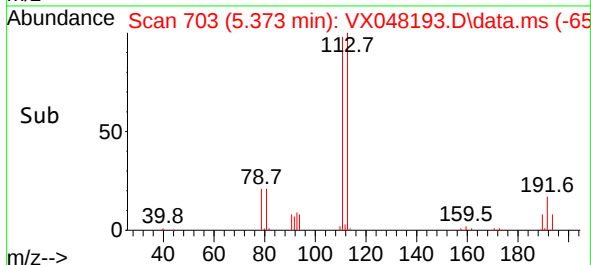
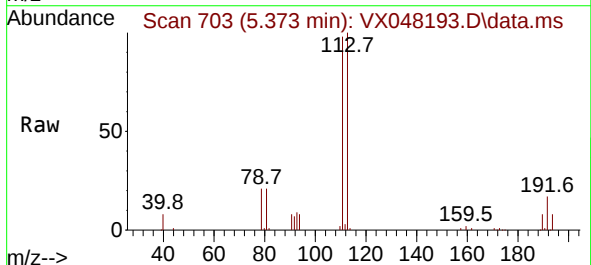


Tgt Ion:114 Resp: 203702
Ion Ratio Lower Upper
114 100
63 26.2 0.0 44.0
88 15.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.060 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Tgt Ion:113 Resp: 76586
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.1 14.2 21.4

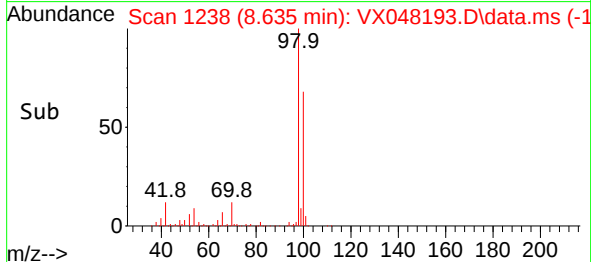
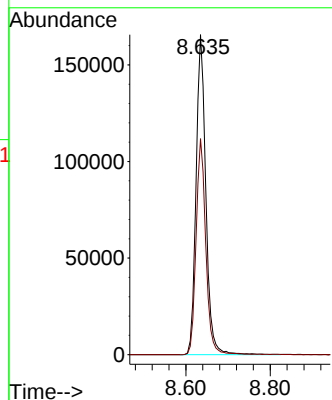
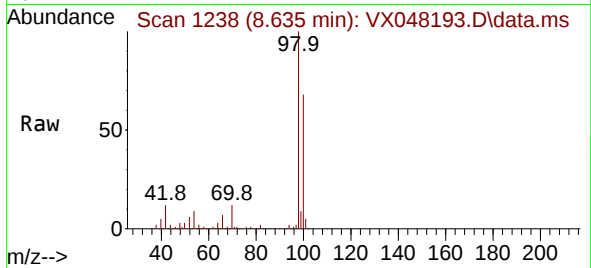




#50
Toluene-d8
Concen: 56.463 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

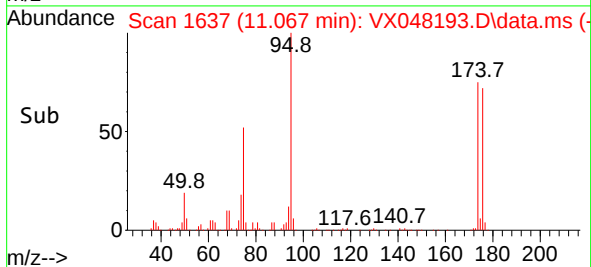
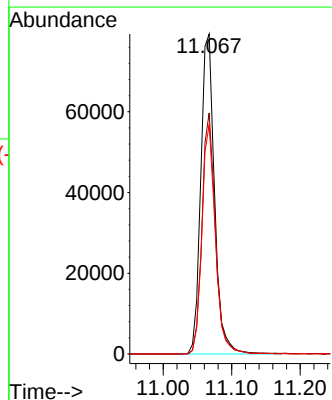
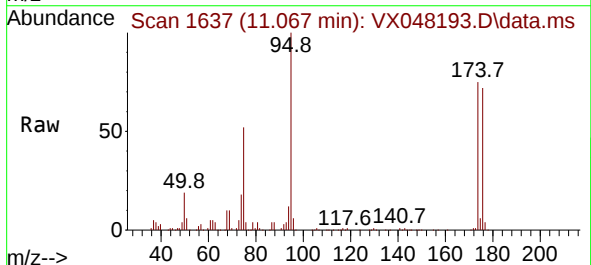
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 266908
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 61.926 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Tgt Ion: 95 Resp: 111096
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 69.7 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: VX048193.D

Acq: 15 Oct 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

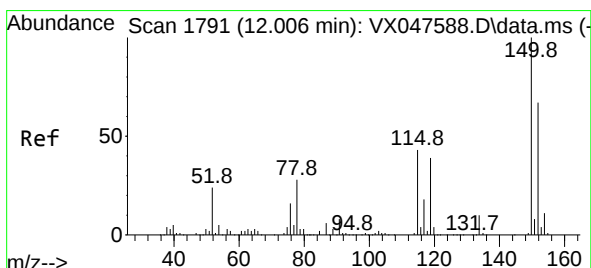
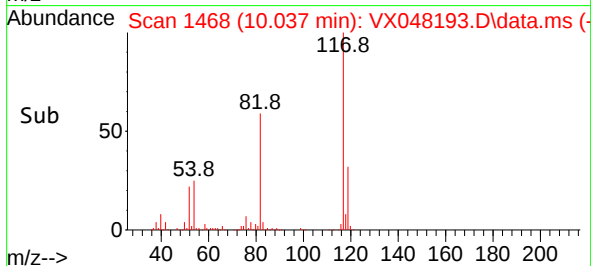
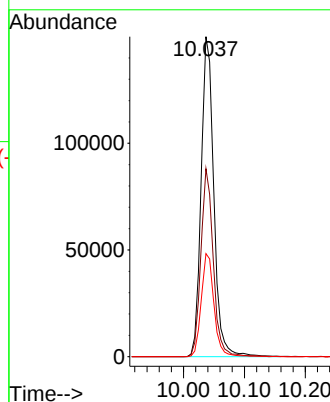
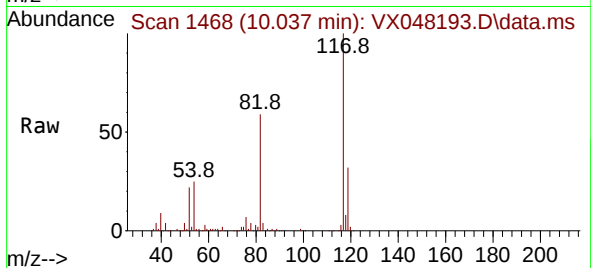
Tgt Ion:117 Resp: 217427

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.6

119 32.2 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048193.D

Acq: 15 Oct 2025 15:58

Tgt Ion:152 Resp: 111435

Ion Ratio Lower Upper

152 100

115 61.6 44.9 134.5

150 156.8 0.0 352.0

