

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048195.D
 Acq On : 15 Oct 2025 16:40
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 16 04:08:47 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	5.538	168	135276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	286907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141614	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117966	54.785	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.580%
35) Dibromofluoromethane	5.373	113	97615	50.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	8.635	98	330948	49.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.061	95	137354	54.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.720%

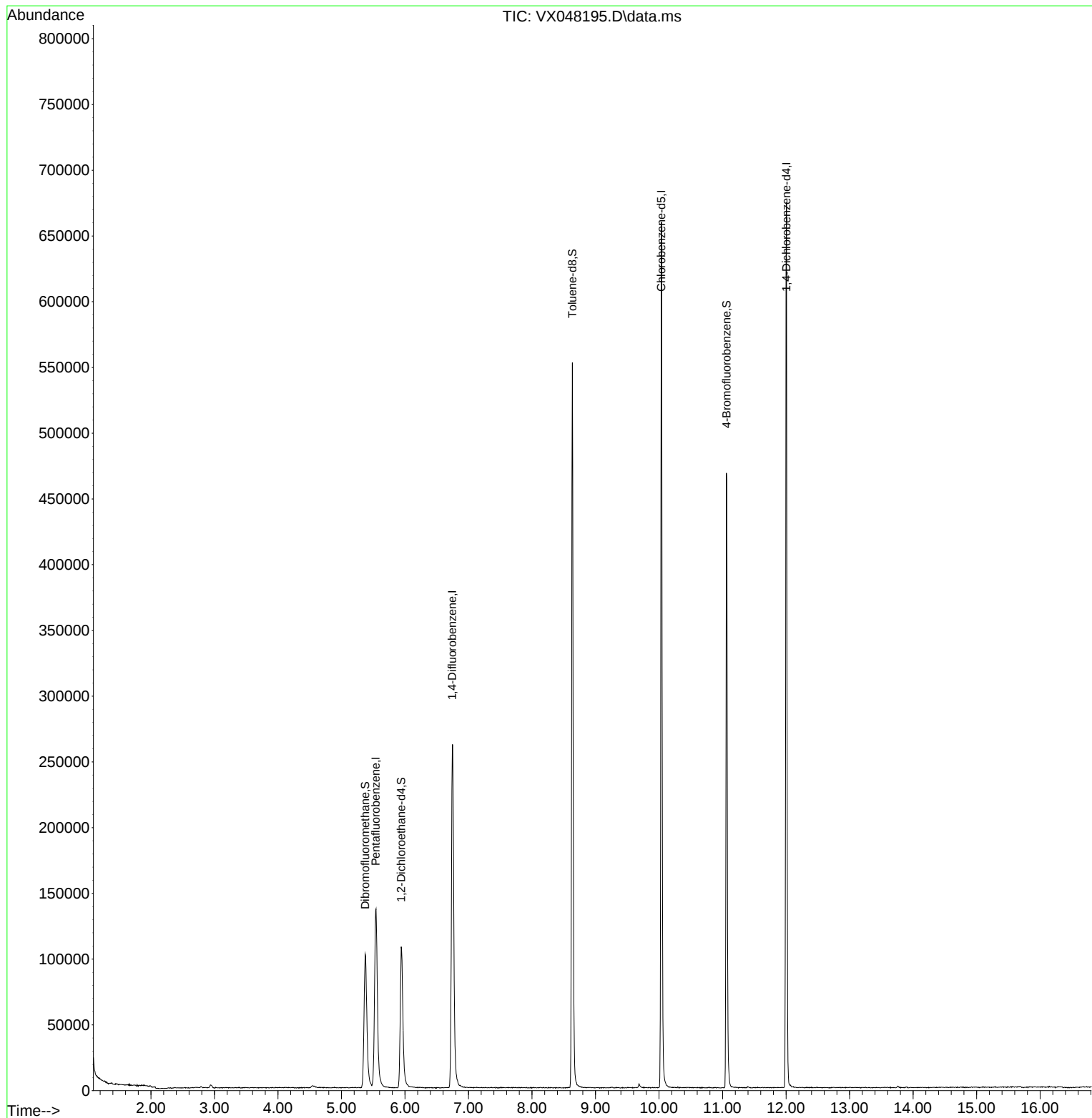
Target Compounds	Qvalue

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

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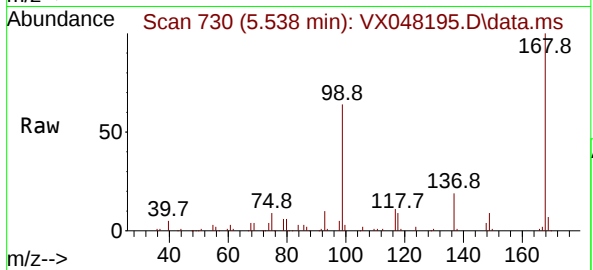
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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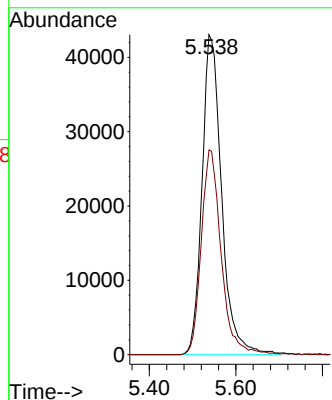
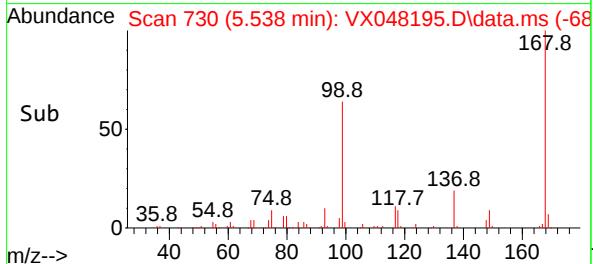


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX048195.D
Acq: 15 Oct 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

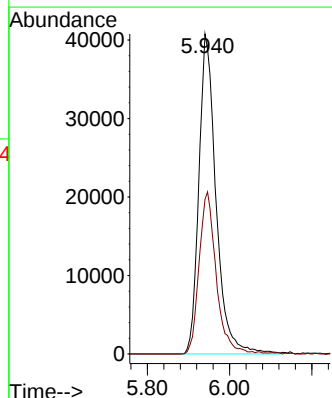
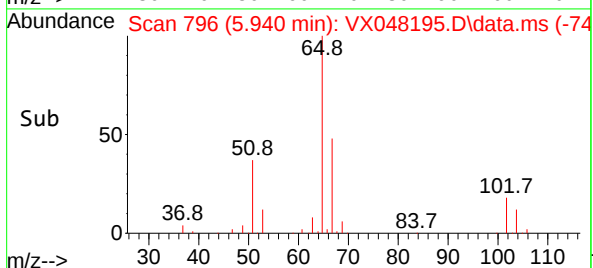
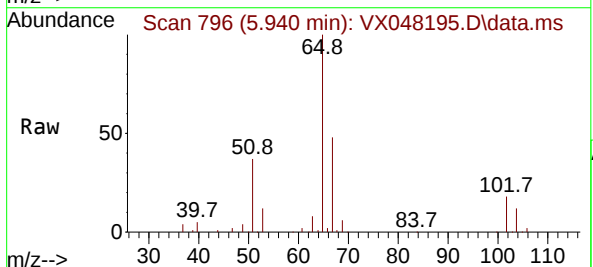


Tgt Ion:168 Resp: 135276
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.785 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048195.D
Acq: 15 Oct 2025 16:40

Tgt Ion: 65 Resp: 117966
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

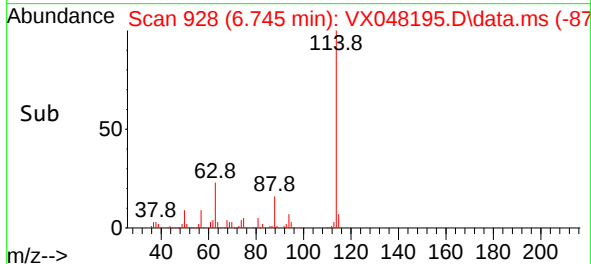
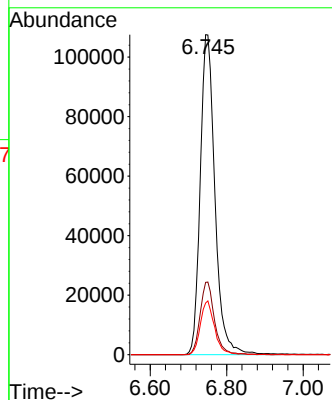
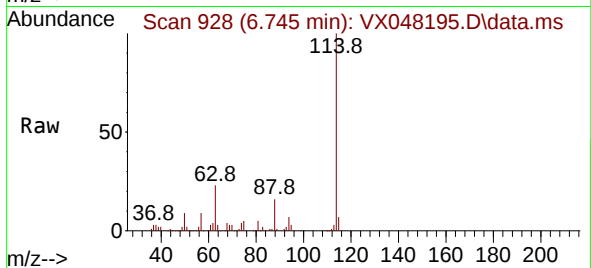




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048195.D
Acq: 15 Oct 2025 16:40

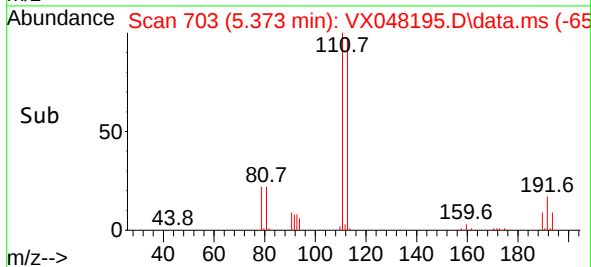
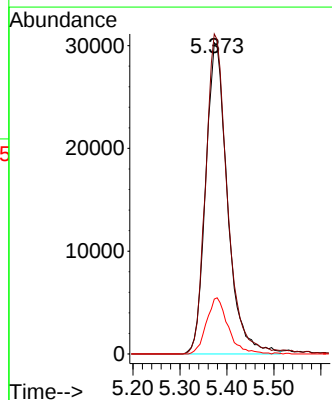
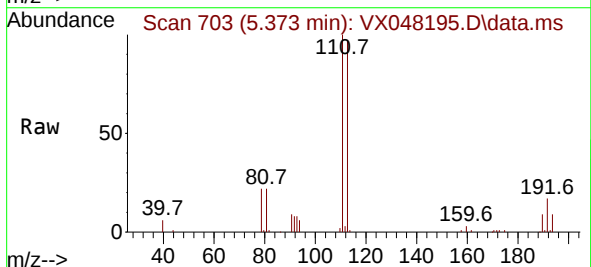
Instrument :
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ClientSampleId :
IBLK

Tgt Ion:114 Resp: 286907
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.731 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048195.D
Acq: 15 Oct 2025 16:40

Tgt Ion:113 Resp: 97615
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 17.9 14.2 21.4

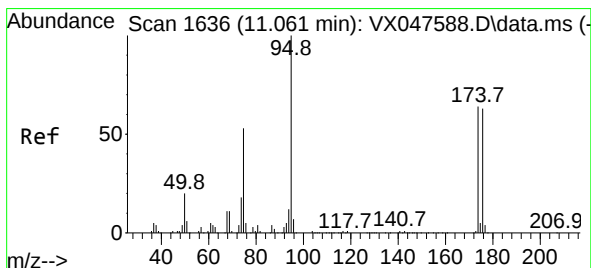
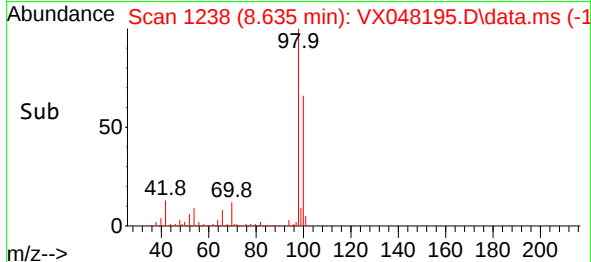
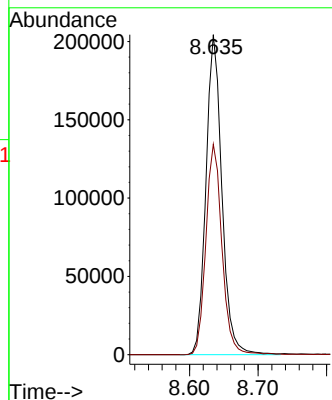
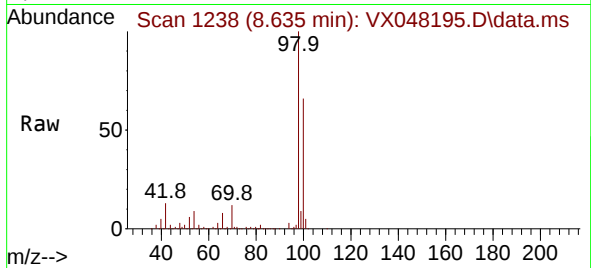




#50
Toluene-d8
Concen: 49.707 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048195.D
Acq: 15 Oct 2025 16:40

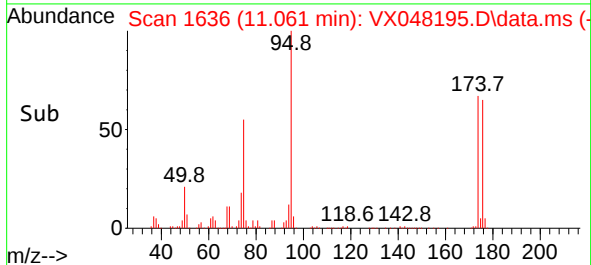
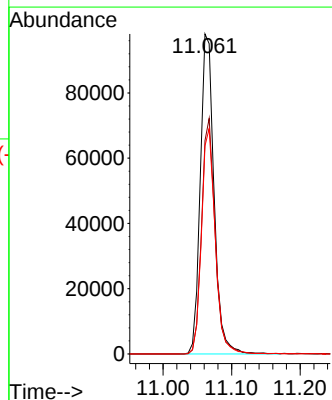
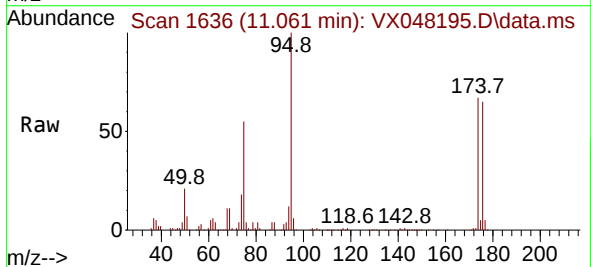
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 330948
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.359 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048195.D
Acq: 15 Oct 2025 16:40

Tgt Ion: 95 Resp: 137354
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.4 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: VX048195.D

Acq: 15 Oct 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

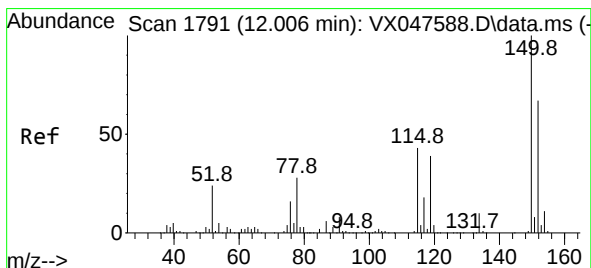
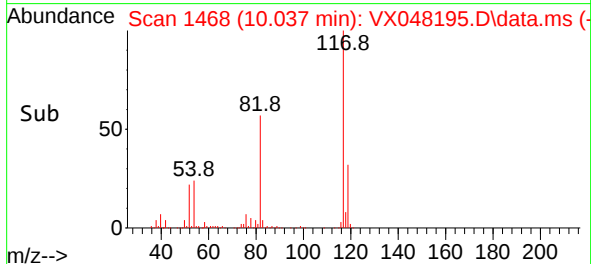
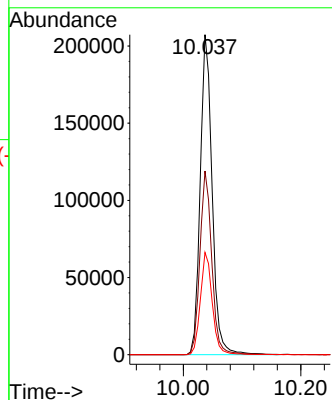
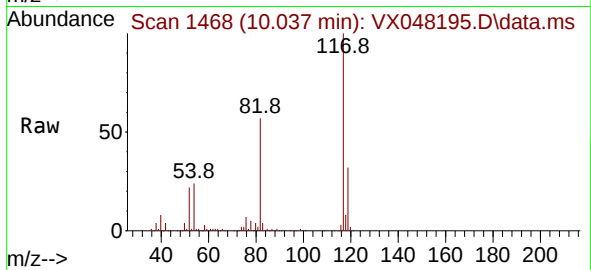
Tgt Ion:117 Resp: 291973

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.6

119 32.0 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: VX048195.D

Acq: 15 Oct 2025 16:40

Tgt Ion:152 Resp: 141614

Ion Ratio Lower Upper

152 100

115 61.1 44.9 134.5

150 155.5 0.0 352.0

