

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048182.D
 Acq On : 15 Oct 2025 10:26
 Operator : JC/MD
 Sample : VX1015MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBL01

Quant Time: Oct 16 04:01:59 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	5.537	168	136060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	280699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	117474	54.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.480%
35) Dibromofluoromethane	5.367	113	98372	52.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	8.628	98	332682	51.073	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.140%
62) 4-Bromofluorobenzene	11.061	95	138838	56.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.320%

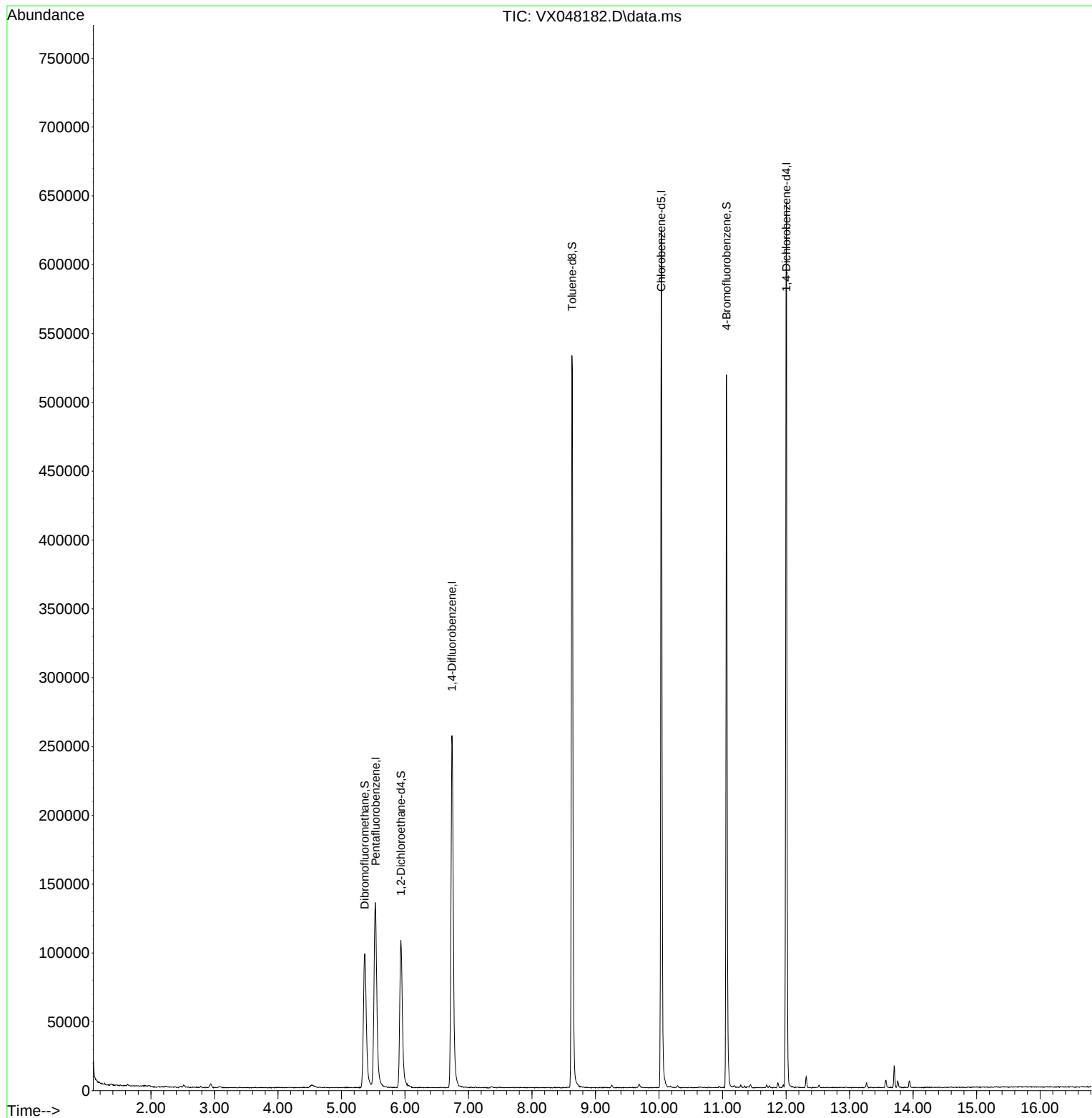
Target Compounds	Qvalue

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

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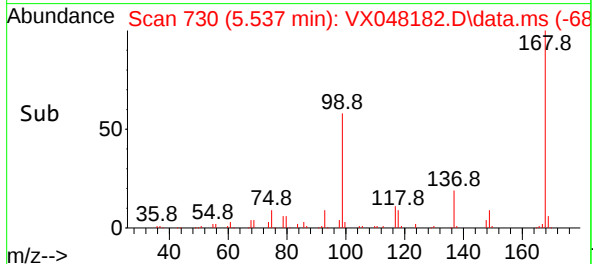
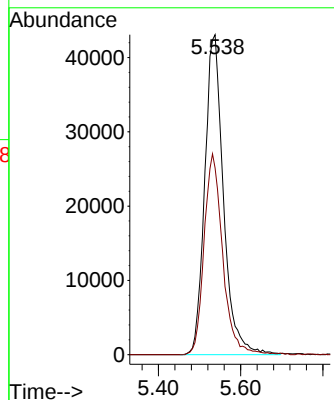
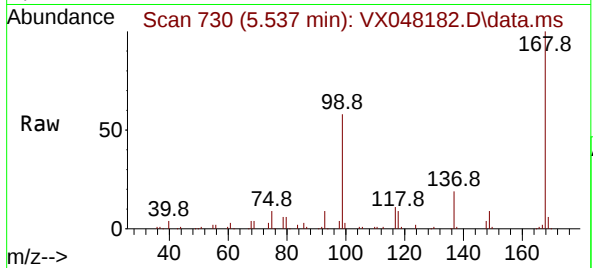




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.006 min
Lab File: VX048182.D
Acq: 15 Oct 2025 10:26

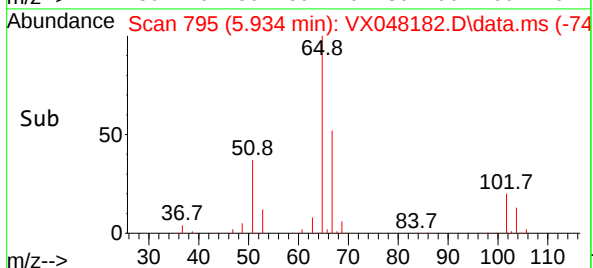
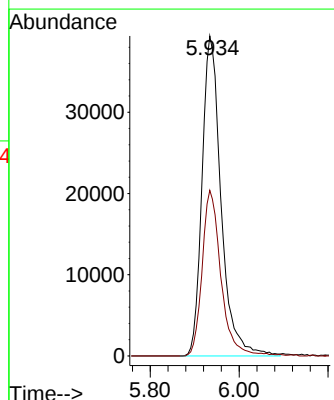
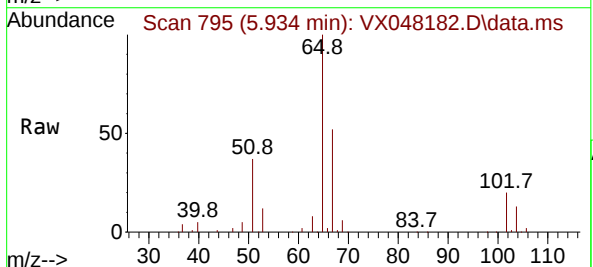
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

Tgt Ion:168 Resp: 136060
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.242 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048182.D
Acq: 15 Oct 2025 10:26

Tgt Ion: 65 Resp: 117474
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

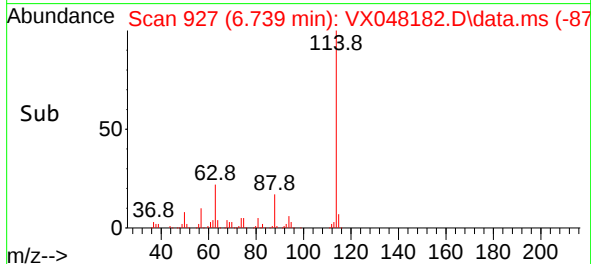
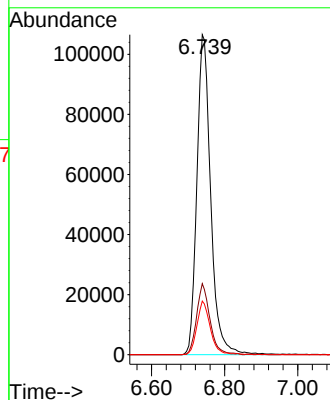
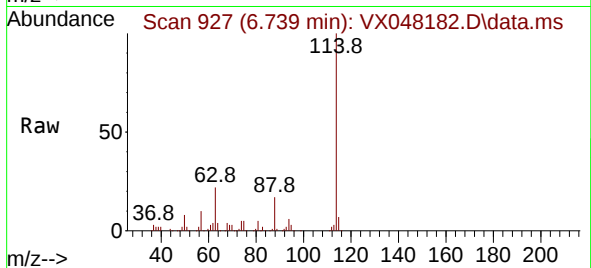




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048182.D
Acq: 15 Oct 2025 10:26

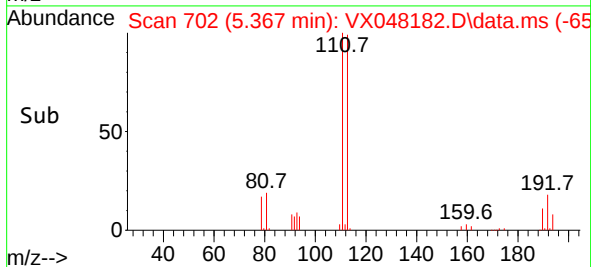
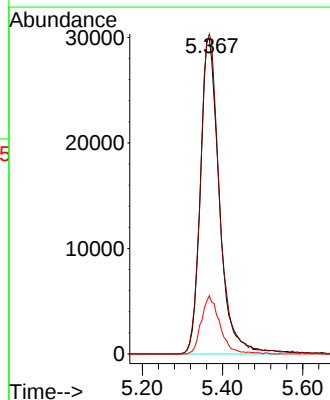
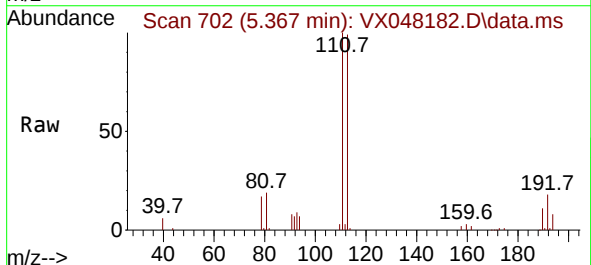
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

Tgt Ion:114 Resp: 280699
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.255 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048182.D
Acq: 15 Oct 2025 10:26

Tgt Ion:113 Resp: 98372
Ion Ratio Lower Upper
113 100
111 102.2 80.9 121.3
192 18.0 14.2 21.4

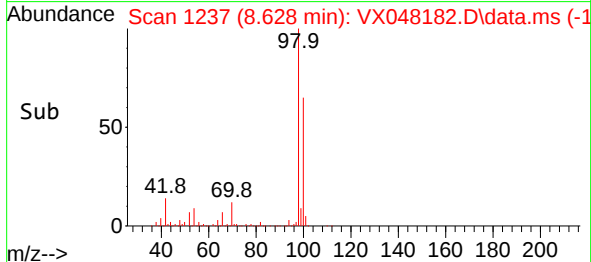
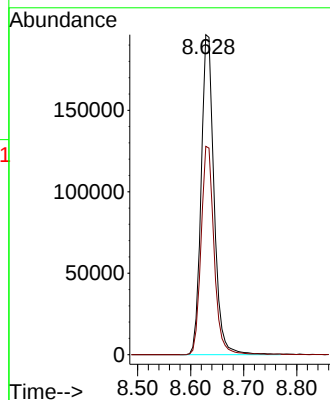
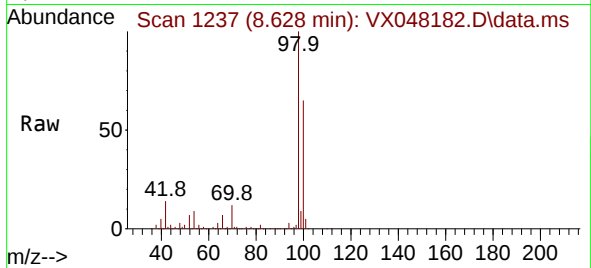




#50
Toluene-d8
Concen: 51.073 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048182.D
Acq: 15 Oct 2025 10:26

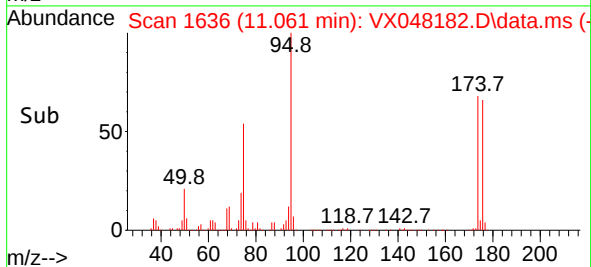
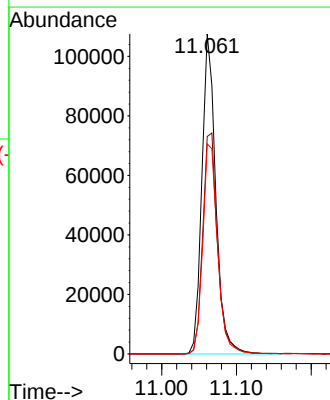
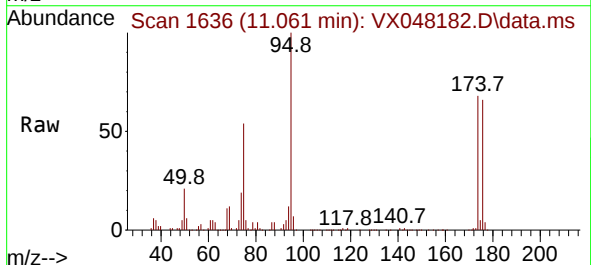
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBL01

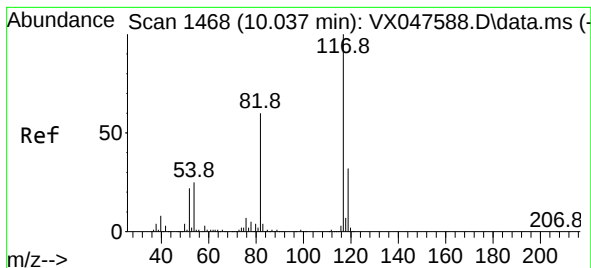
Tgt Ion: 98 Resp: 332682
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.161 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048182.D
Acq: 15 Oct 2025 10:26

Tgt Ion: 95 Resp: 138838
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 70.2 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: VX048182.D

Acq: 15 Oct 2025 10:26

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBL01

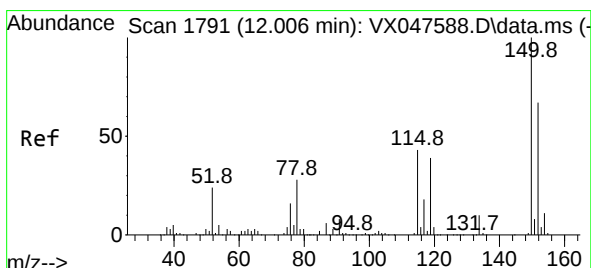
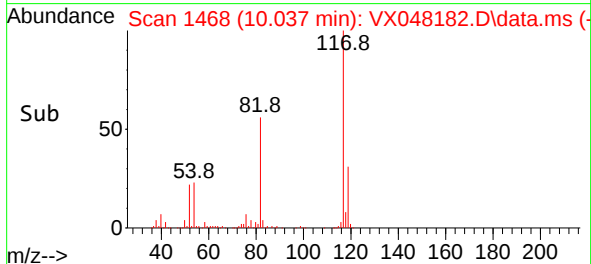
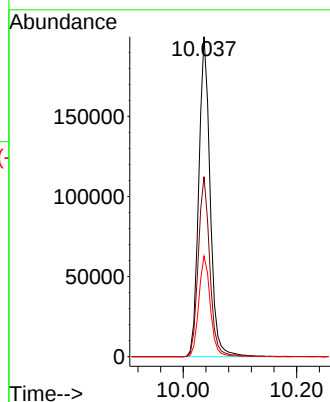
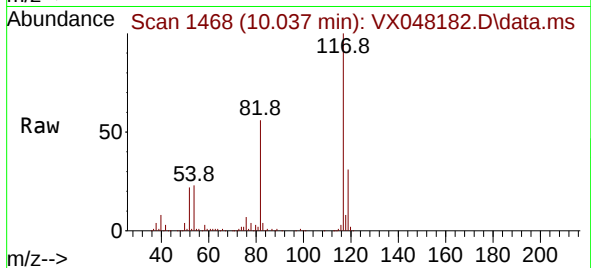
Tgt Ion:117 Resp: 278520

Ion Ratio Lower Upper

117 100

82 56.3 47.8 71.6

119 31.4 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: VX048182.D

Acq: 15 Oct 2025 10:26

Tgt Ion:152 Resp: 134008

Ion Ratio Lower Upper

152 100

115 60.8 44.9 134.5

150 155.8 0.0 352.0

