

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048045.D
 Acq On : 07 Oct 2025 12:20
 Operator : JC/MD
 Sample : Q3298-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251003

Quant Time: Oct 08 01:26:21 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)

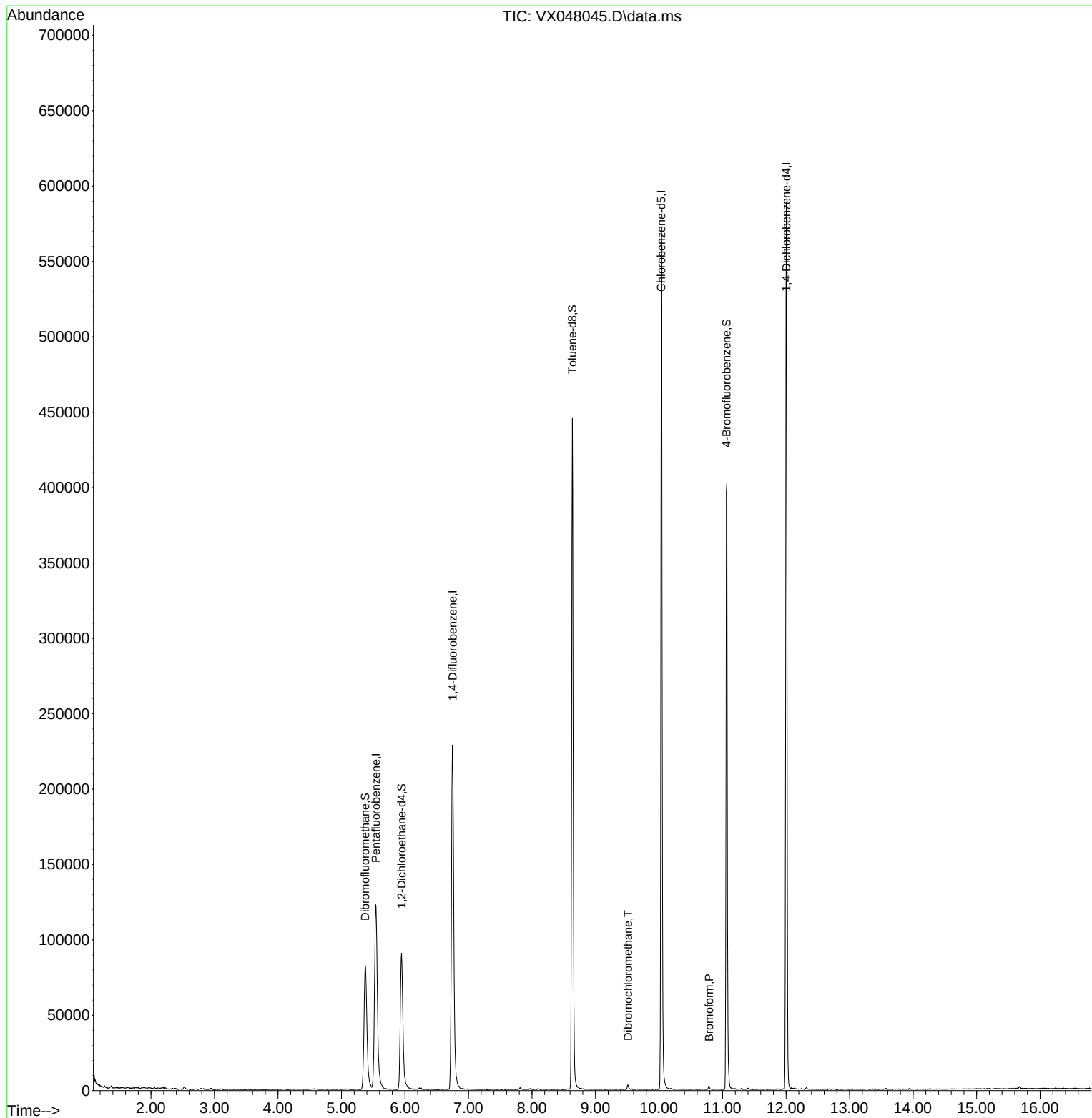
Internal Standards						
1) Pentafluorobenzene	5.544	168	123263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97982	49.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.373	113	80758	48.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.635	98	277921	47.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.061	95	118749	54.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.020%
Target Compounds						
					Qvalue	
60) Dibromochloromethane	9.512	129	1744	0.857	ug/l	100
71) Bromoform	10.787	173	851	0.569	ug/l #	96

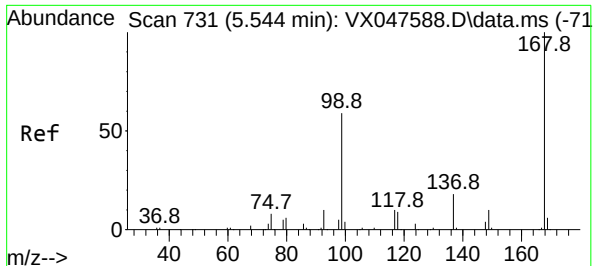
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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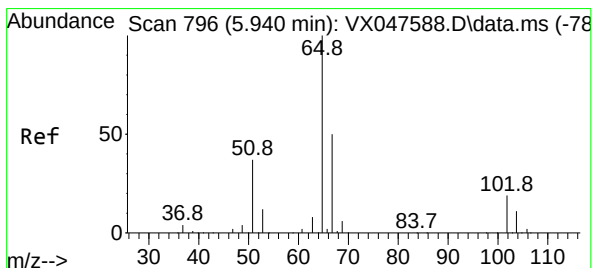
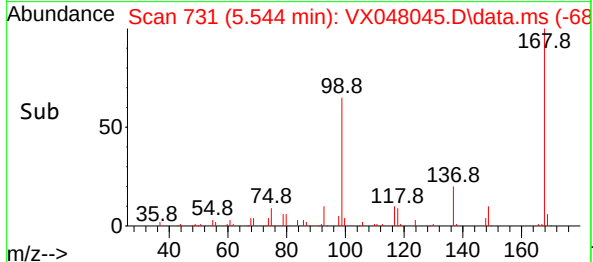
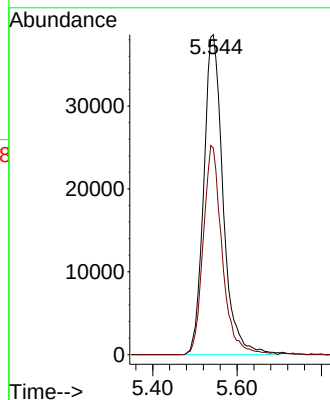
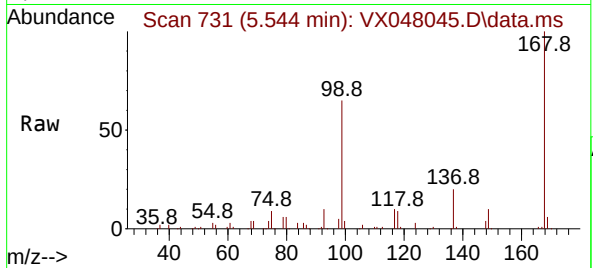




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

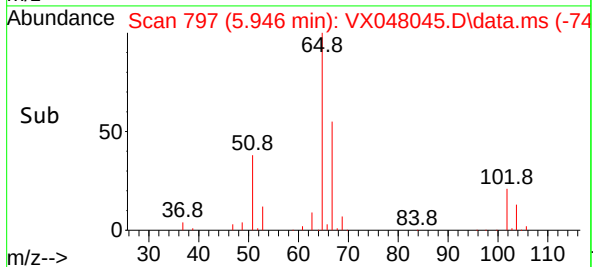
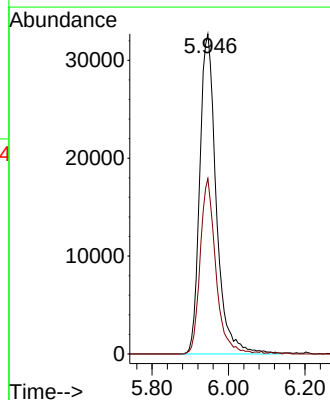
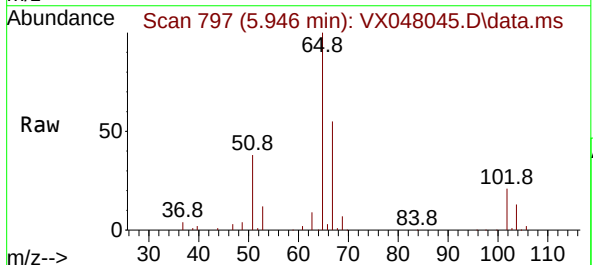
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

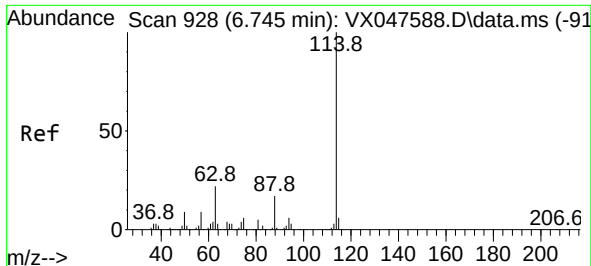
Tgt Ion:168 Resp: 123263
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.939 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion: 65 Resp: 97982
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

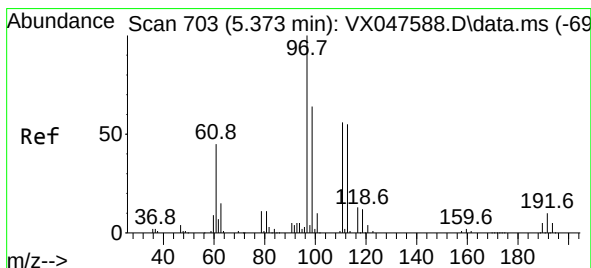
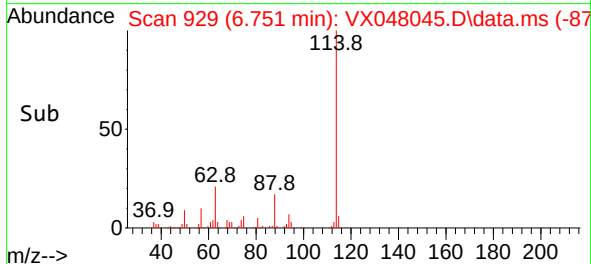
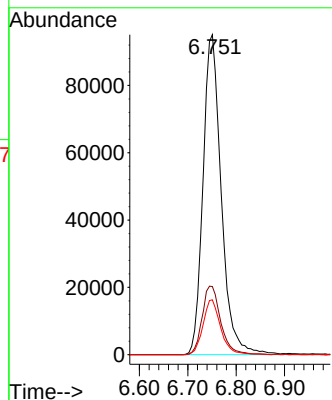
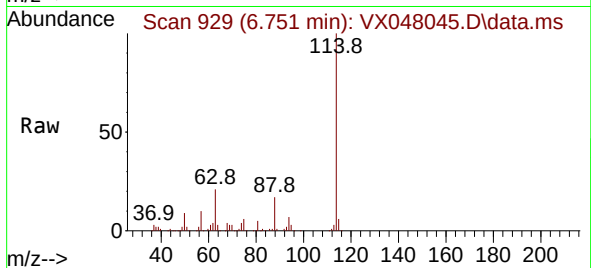




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

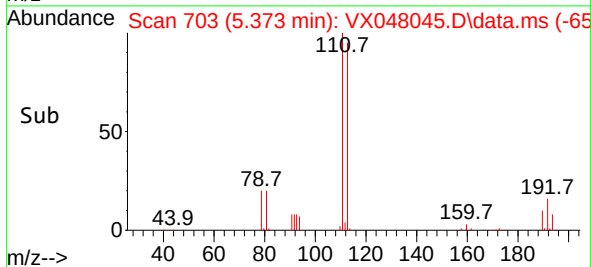
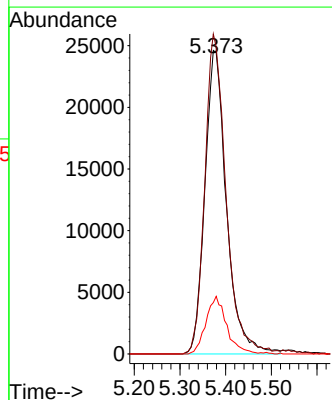
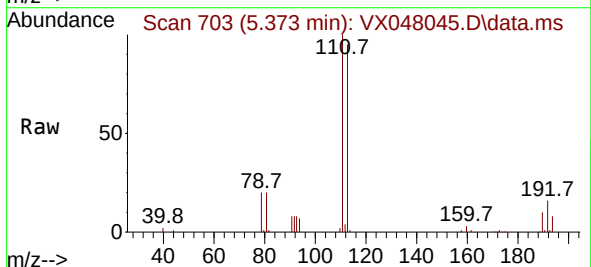
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

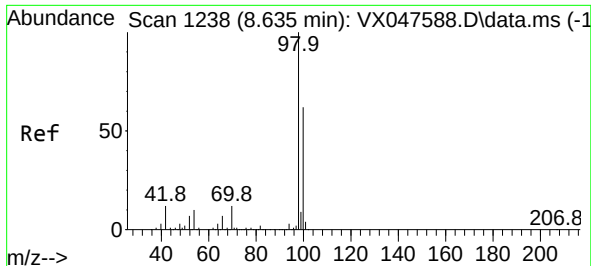
Tgt Ion:114 Resp: 249648
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.235 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion:113 Resp: 80758
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 18.1 14.2 21.4

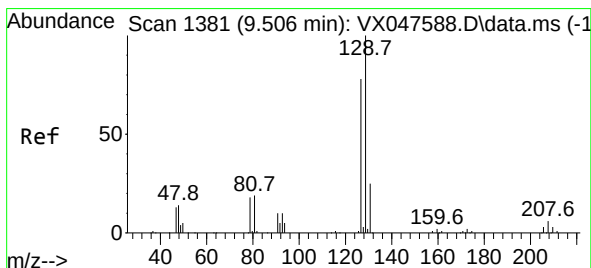
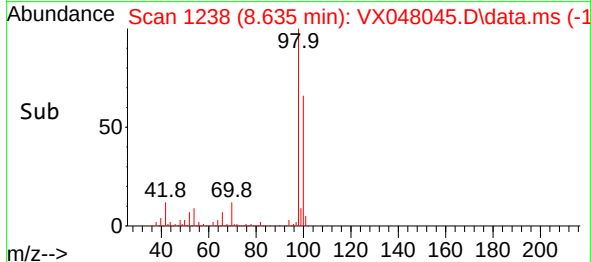
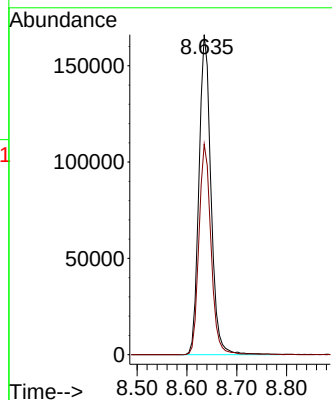
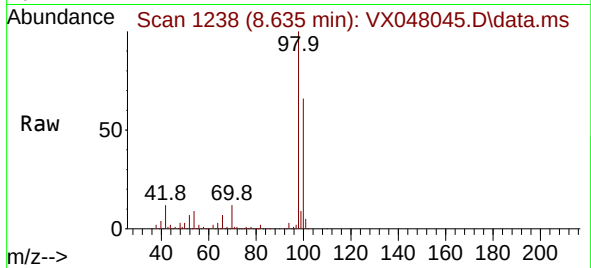




#50
Toluene-d8
Concen: 47.973 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

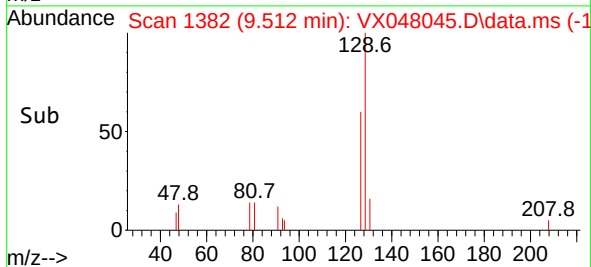
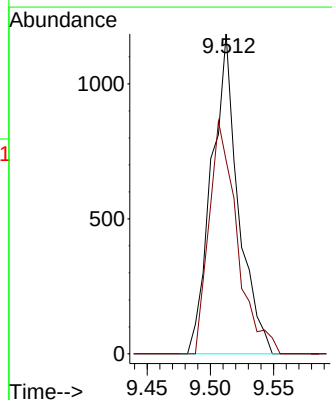
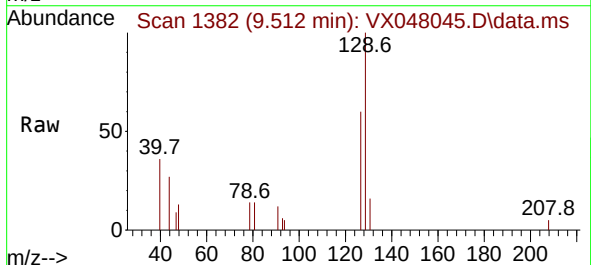
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

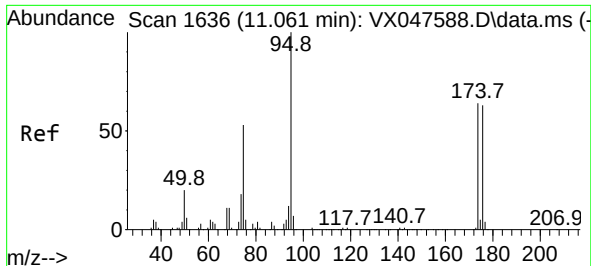
Tgt Ion: 98 Resp: 277921
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#60
Dibromochloromethane
Concen: 0.857 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion:129 Resp: 1744
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

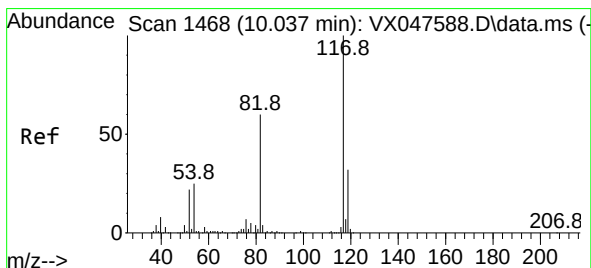
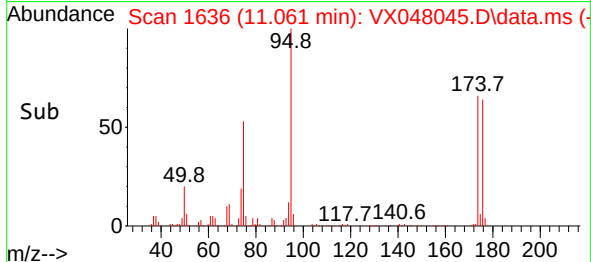
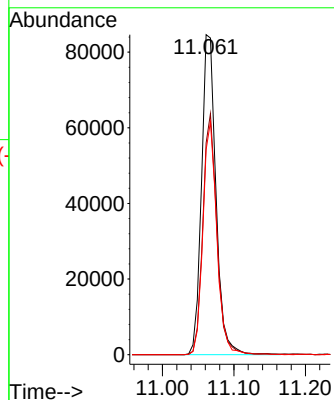
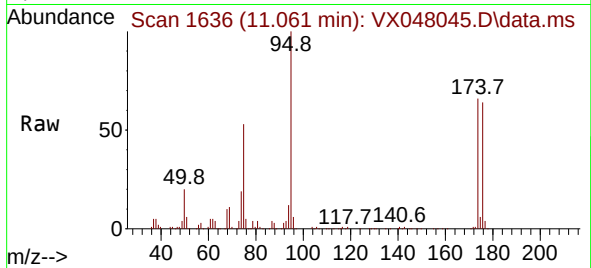




#62
4-Bromofluorobenzene
Concen: 54.009 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

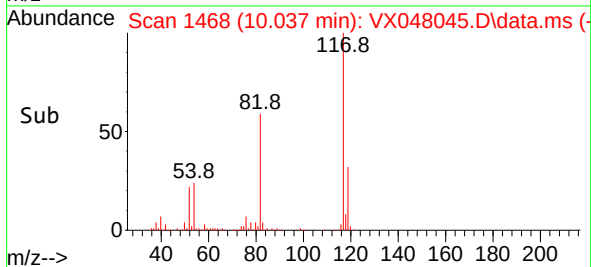
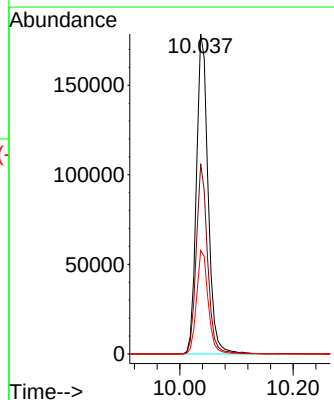
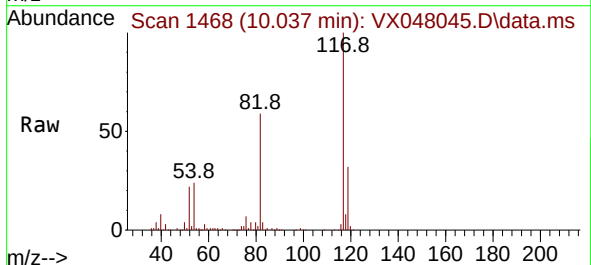
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

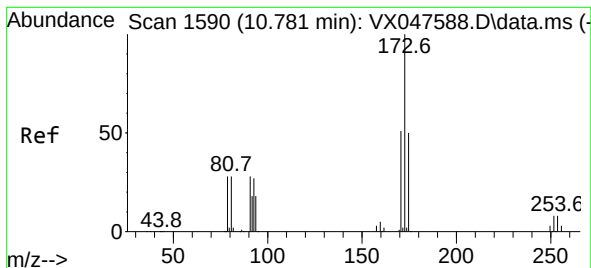
Tgt Ion: 95 Resp: 118749
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 70.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion: 117 Resp: 255281
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.6
119 32.4 25.2 37.8





#71

Bromoform

Concen: 0.569 ug/l

RT: 10.787 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VX048045.D

Acq: 07 Oct 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20251003

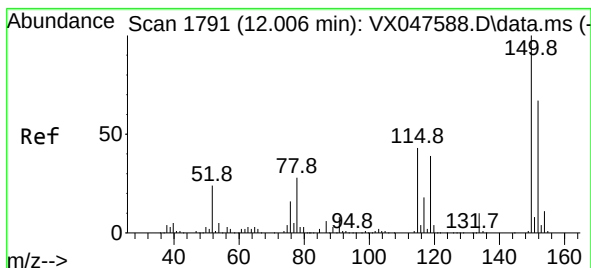
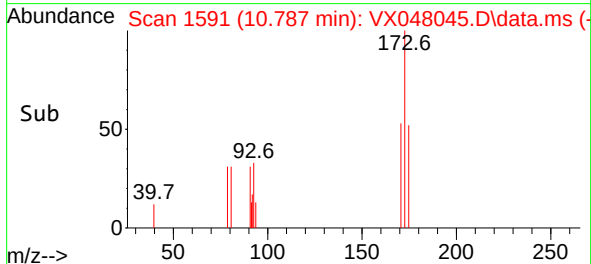
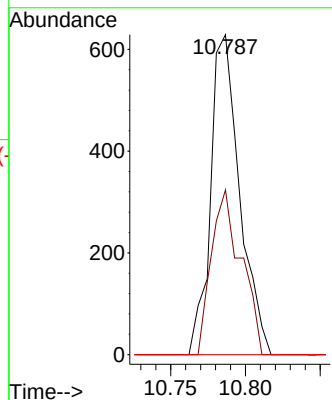
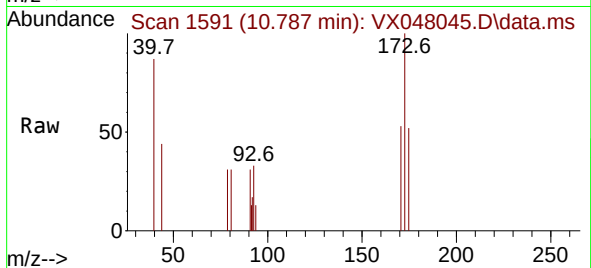
Tgt Ion:173 Resp: 851

Ion Ratio Lower Upper

173 100

175 52.6 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048045.D

Acq: 07 Oct 2025 12:20

Tgt Ion:152 Resp: 126158

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 156.3 0.0 352.0

