

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048115.D
 Acq On : 10 Oct 2025 16:15
 Operator : JC/MD
 Sample : Q3311-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-218DL

Quant Time: Oct 10 23:50:59 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)

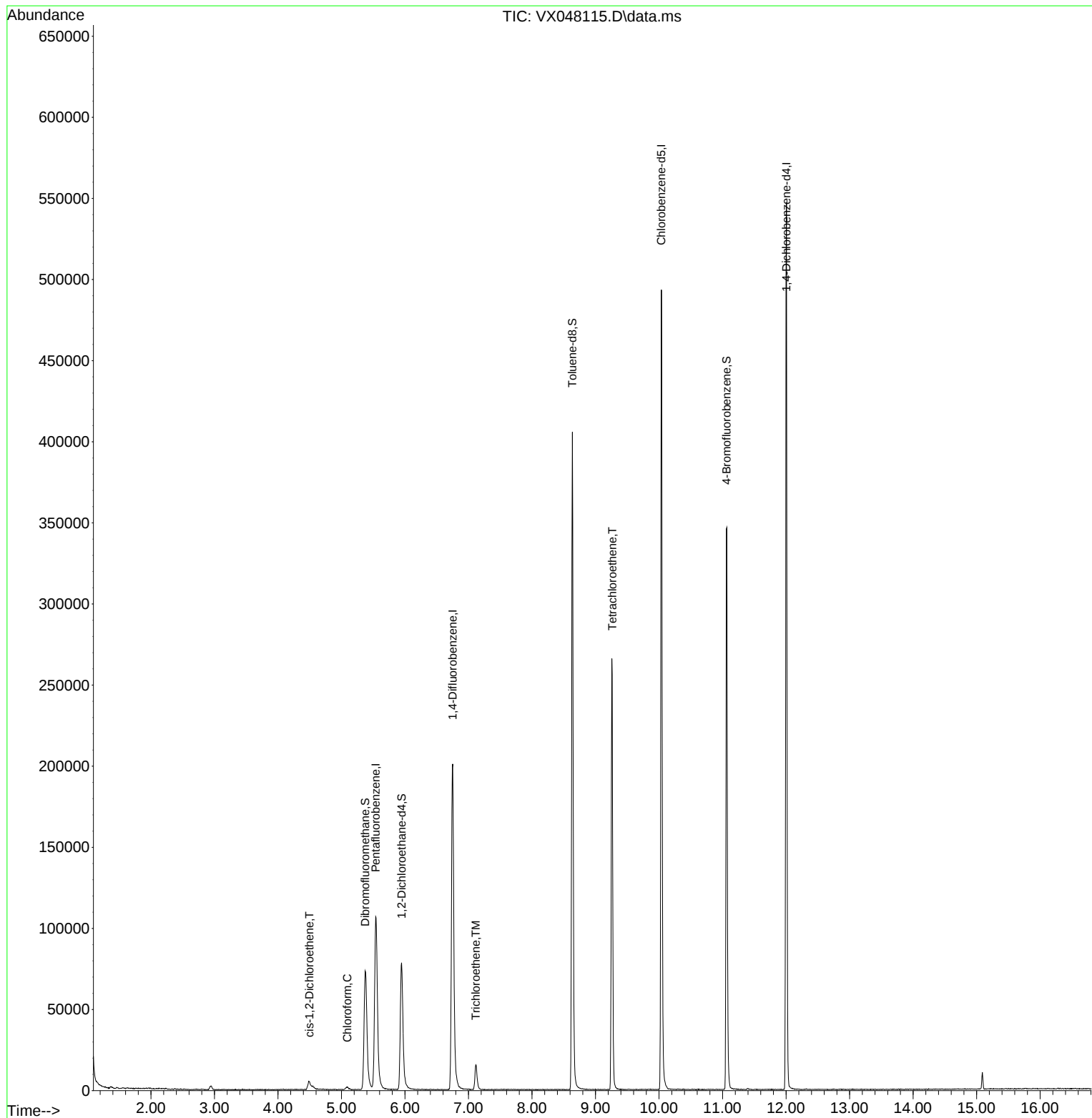
Internal Standards						
1) Pentafluorobenzene	5.538	168	107553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	220883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	232642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87628	51.185	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	102.380%	
35) Dibromofluoromethane	5.373	113	72547	48.973	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.940%	
50) Toluene-d8	8.635	98	247795	48.343	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.680%	
62) 4-Bromofluorobenzene	11.061	95	104105	53.515	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	107.040%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.495	96	3812	2.263	ug/l	88
30) Chloroform	5.093	83	2217	0.808	ug/l	96
44) Trichloroethene	7.117	130	6452	4.059	ug/l	95
64) Tetrachloroethene	9.263	164	51425	33.908	ug/l	96

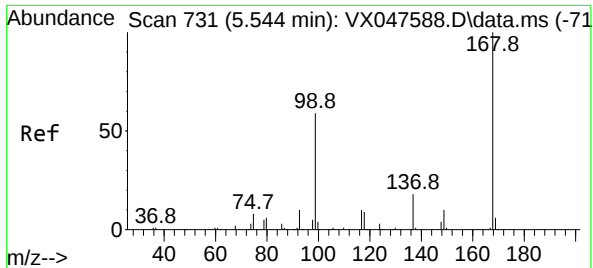
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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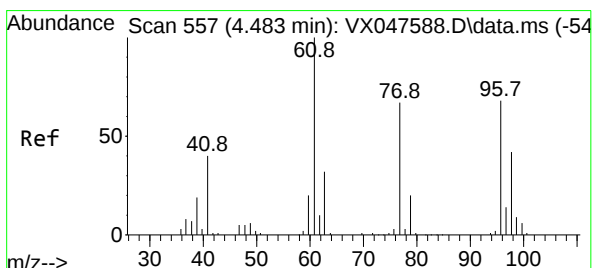
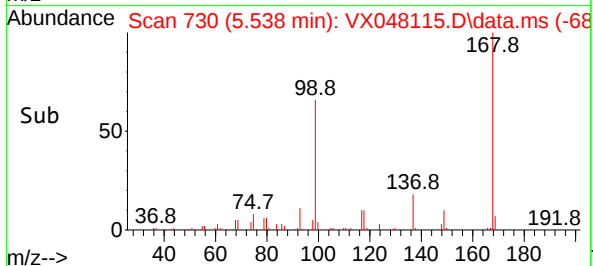
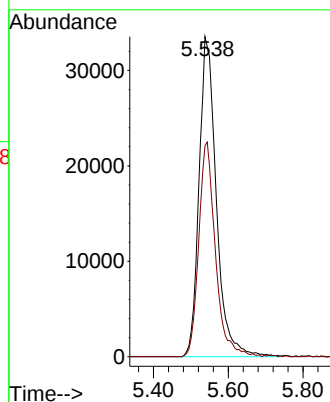
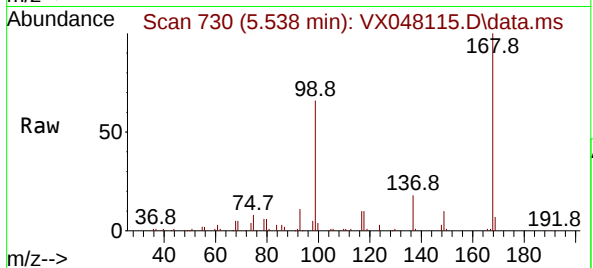




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

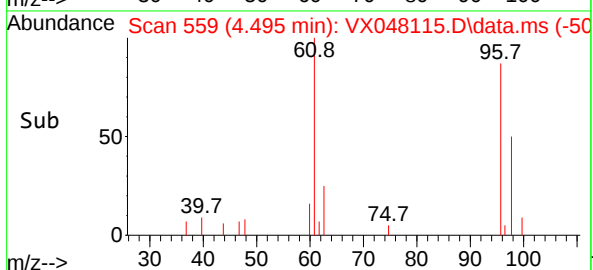
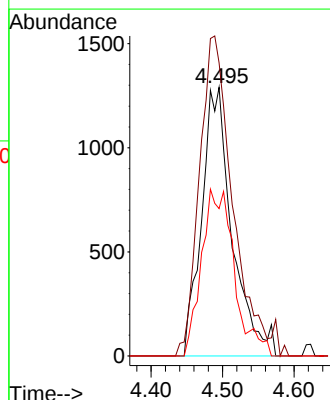
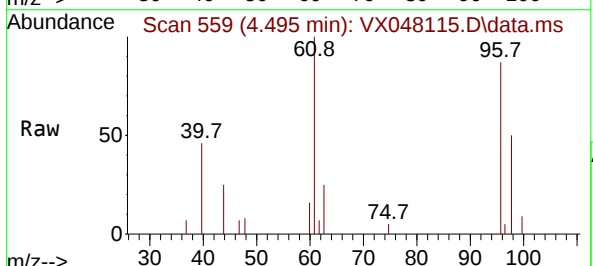
Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

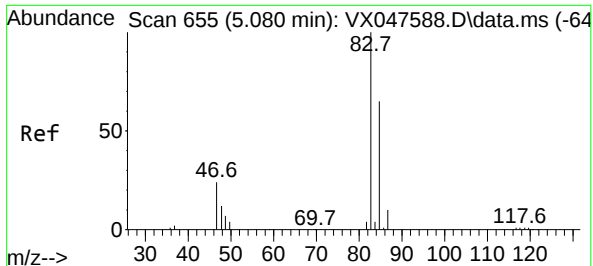
Tgt Ion:168 Resp: 107553
Ion Ratio Lower Upper
168 100
99 65.9 48.8 73.2



#27
cis-1,2-Dichloroethene
Concen: 2.263 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion: 96 Resp: 3812
Ion Ratio Lower Upper
96 100
61 131.6 0.0 303.2
98 66.5 0.0 127.8





#30

Chloroform

Concen: 0.808 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX048115.D

Acq: 10 Oct 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

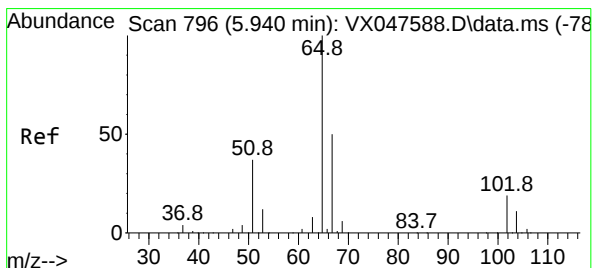
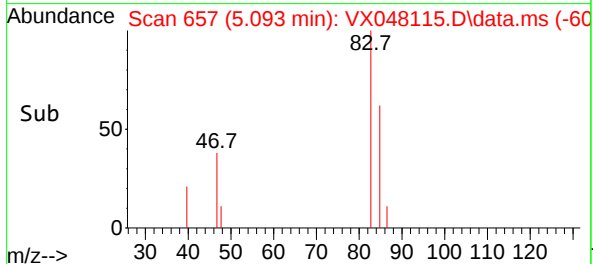
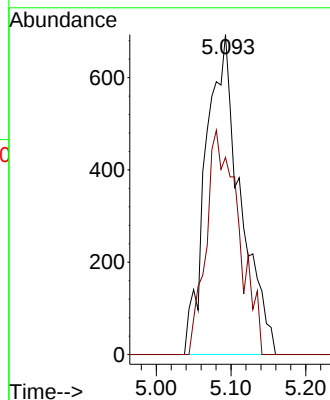
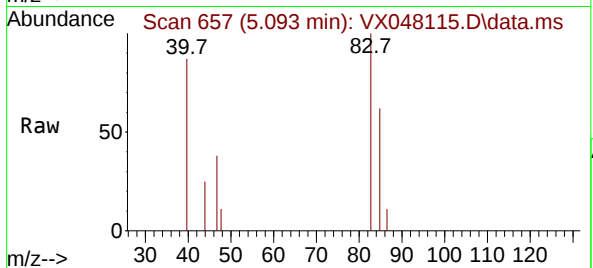
MW-218DL

Tgt Ion: 83 Resp: 2217

Ion Ratio Lower Upper

83 100

85 61.6 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 51.185 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048115.D

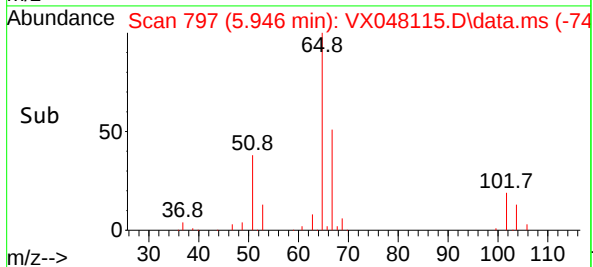
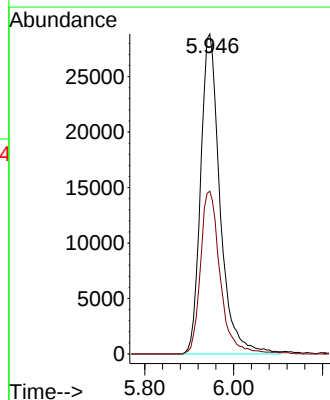
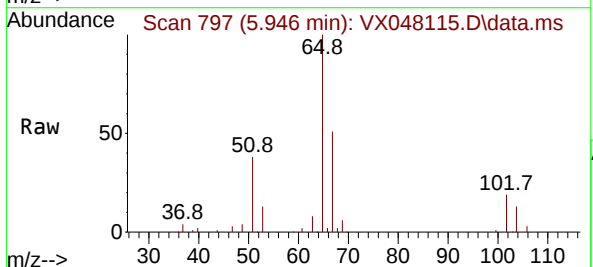
Acq: 10 Oct 2025 16:15

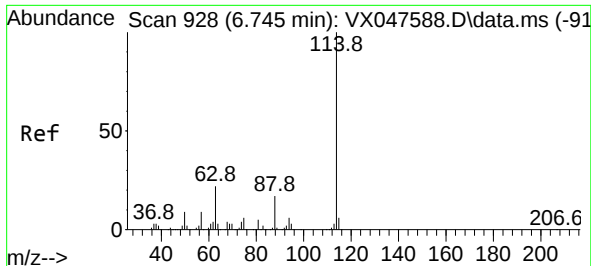
Tgt Ion: 65 Resp: 87628

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0

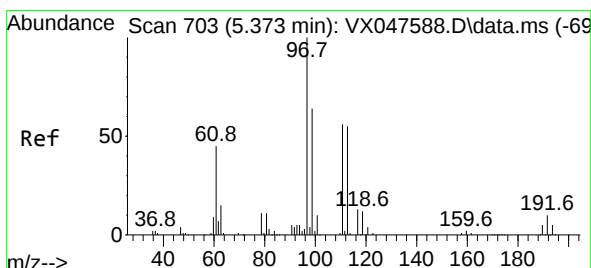
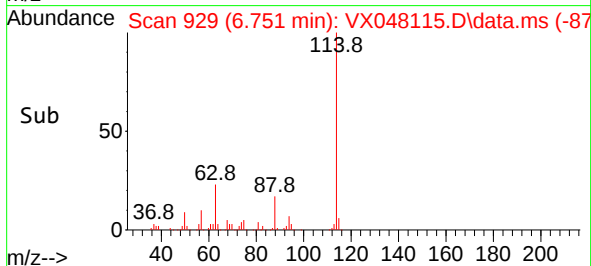
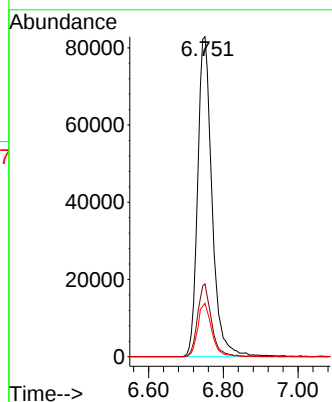
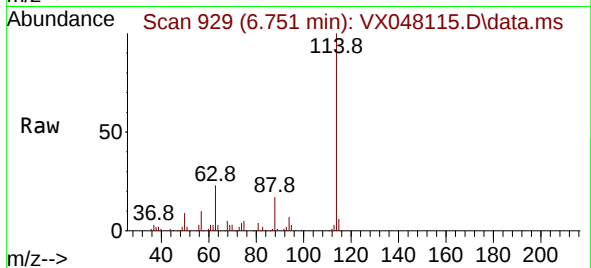




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

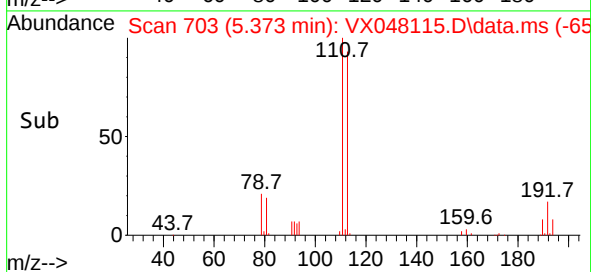
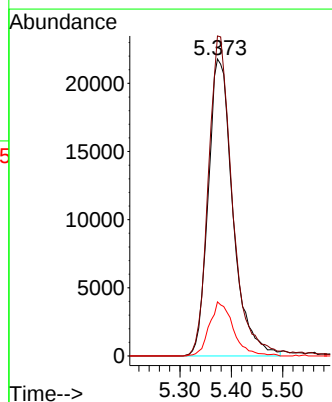
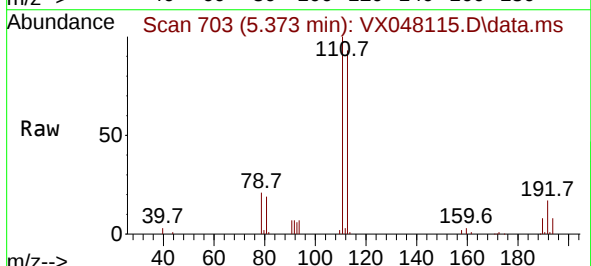
Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

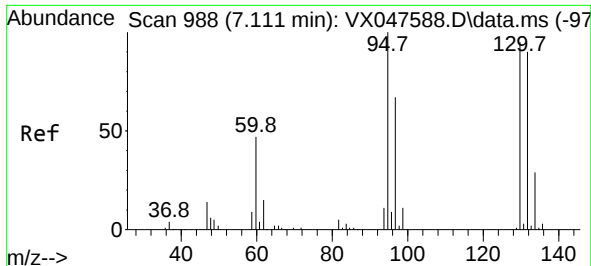
Tgt Ion:114 Resp: 220883
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.973 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion:113 Resp: 72547
Ion Ratio Lower Upper
113 100
111 105.0 80.9 121.3
192 17.7 14.2 21.4

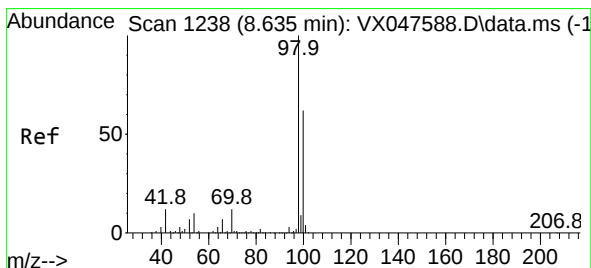
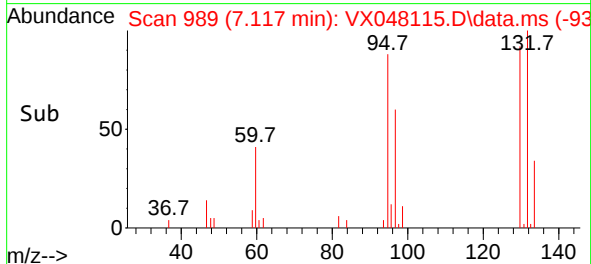
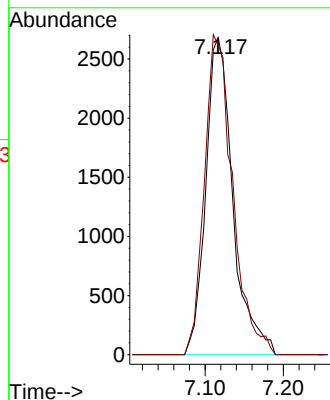
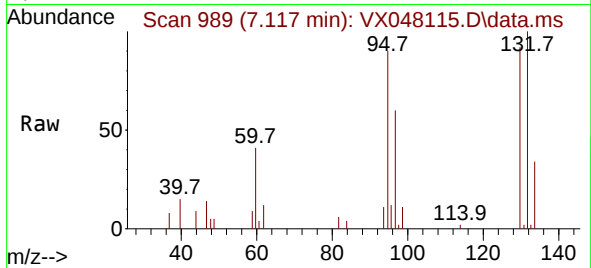




#44
 Trichloroethene
 Concen: 4.059 ug/l
 RT: 7.117 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX048115.D
 Acq: 10 Oct 2025 16:15

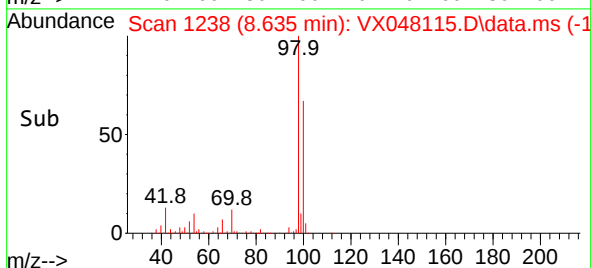
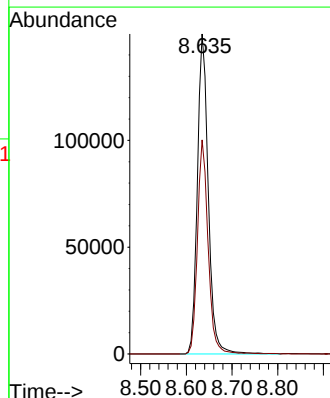
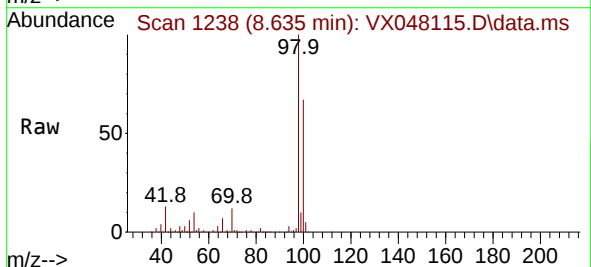
Instrument :
 MSVOA_X
 ClientSampleId :
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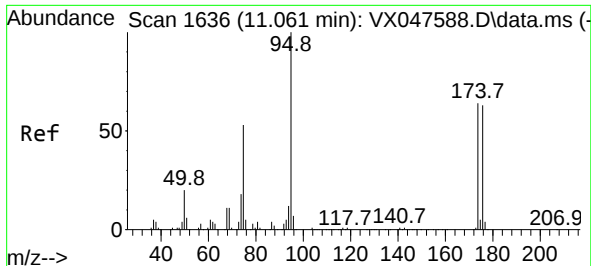
Tgt Ion:130 Resp: 6452
 Ion Ratio Lower Upper
 130 100
 95 110.2 0.0 210.8



#50
 Toluene-d8
 Concen: 48.343 ug/l
 RT: 8.635 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048115.D
 Acq: 10 Oct 2025 16:15

Tgt Ion: 98 Resp: 247795
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.4

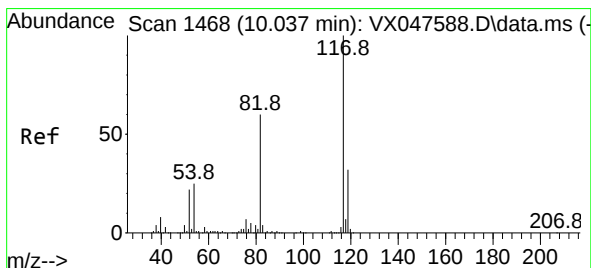
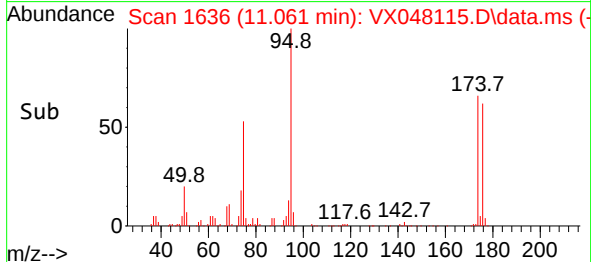
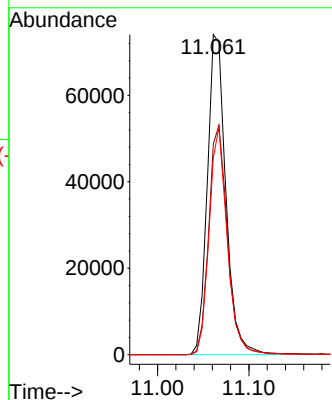
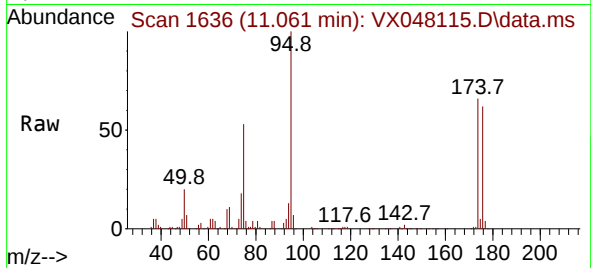




#62
4-Bromofluorobenzene
Concen: 53.515 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

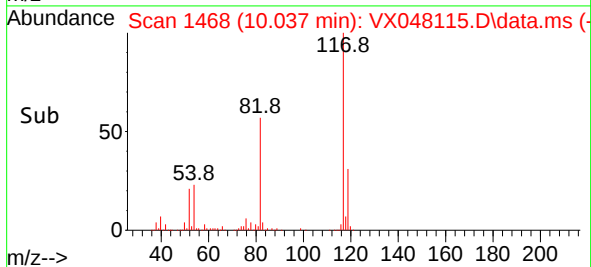
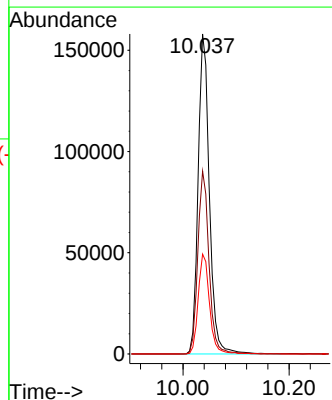
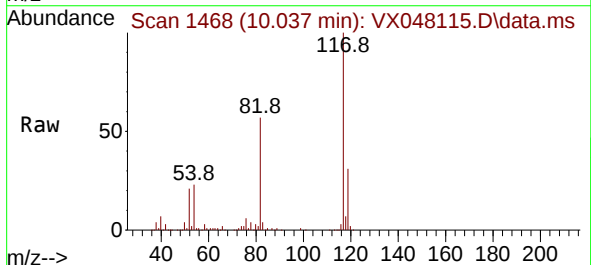
Instrument :
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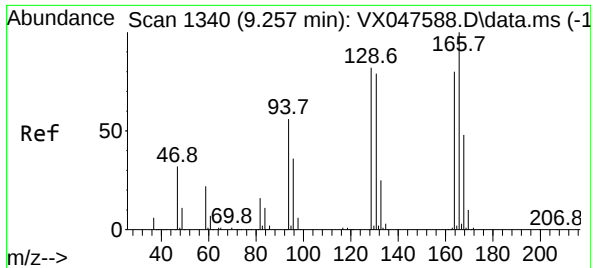
Tgt Ion: 95 Resp: 104105
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion: 117 Resp: 232642
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.2 25.2 37.8

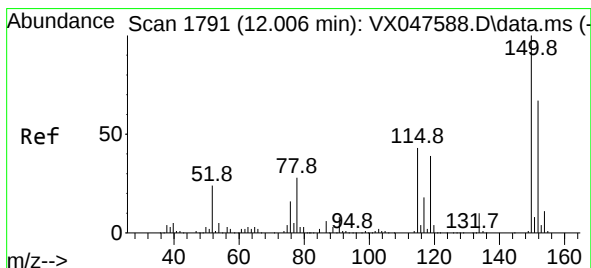
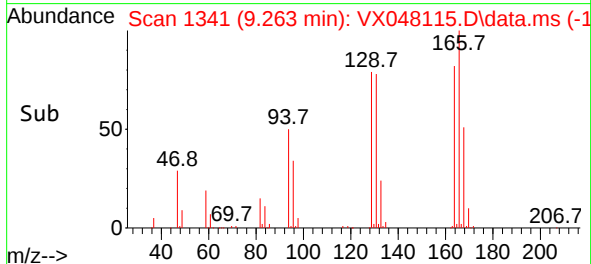
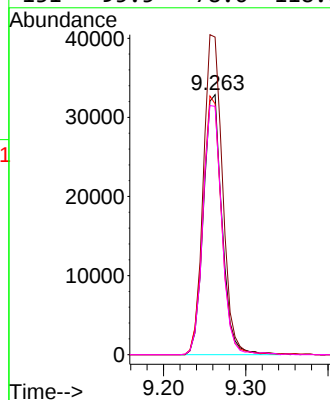
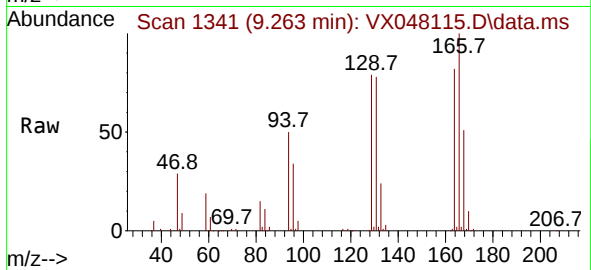




#64
Tetrachloroethene
Concen: 33.908 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion:164 Resp: 51425
Ion Ratio Lower Upper
164 100
166 122.2 100.2 150.2
129 96.5 81.8 122.6
131 95.5 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: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion:152 Resp: 113160
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 157.7 0.0 352.0

