

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048208.D
 Acq On : 17 Oct 2025 13:43
 Operator : JC/MD
 Sample : Q3311-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-214DDL

Quant Time: Oct 18 00:17:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

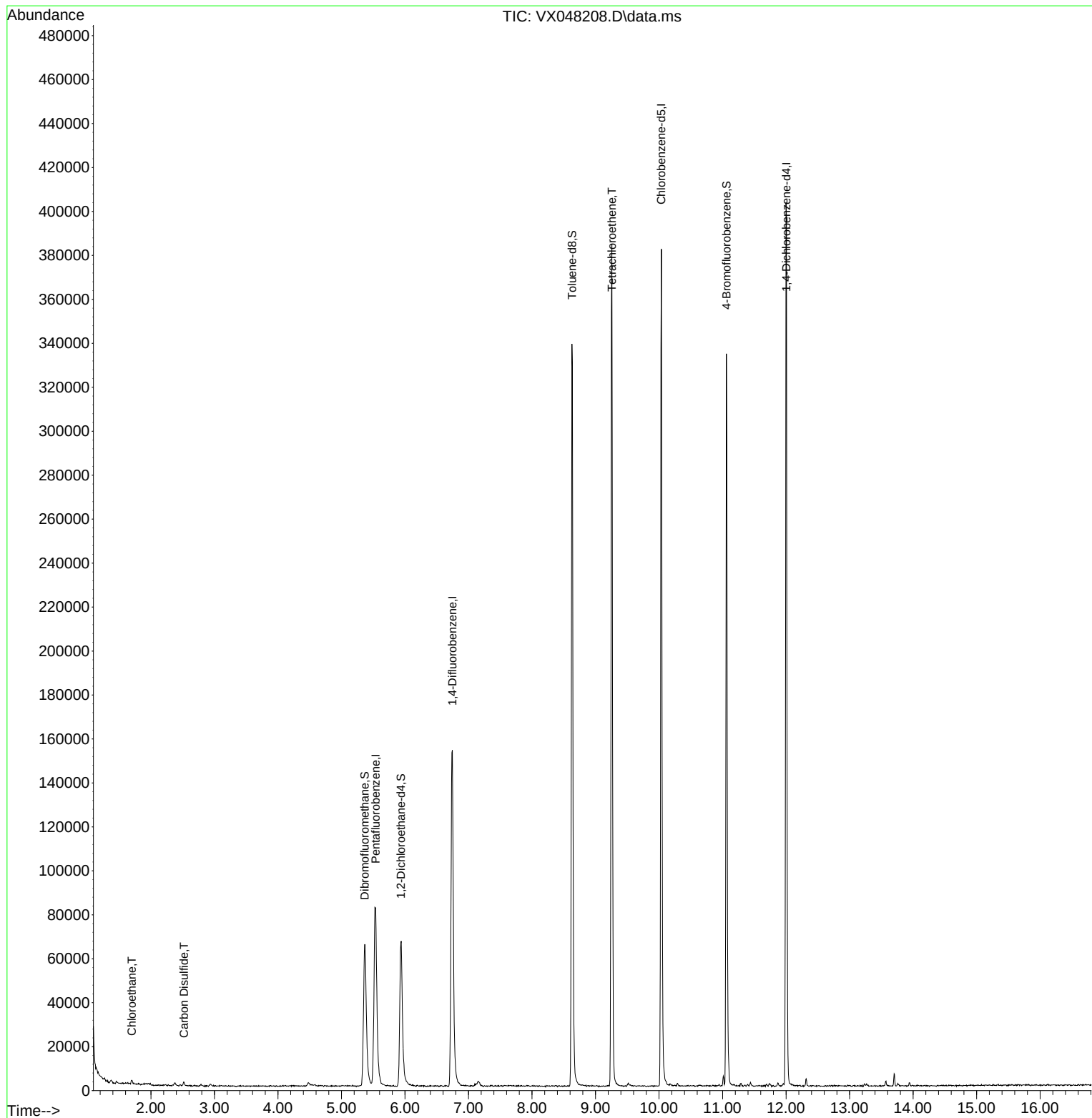
Internal Standards						
1) Pentafluorobenzene	5.538	168	83059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	168187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	85687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	74775	58.112	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.220%
35) Dibromofluoromethane	5.367	113	62512	53.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.100%
50) Toluene-d8	8.628	98	211099	50.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.061	95	94031	61.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.780%
Target Compounds						
						Qvalue
6) Chloroethane	1.697	64	1245	1.758	ug/l	99
17) Carbon Disulfide	2.520	76	2047	0.691	ug/l #	93
64) Tetrachloroethene	9.256	164	74512	59.941	ug/l	94

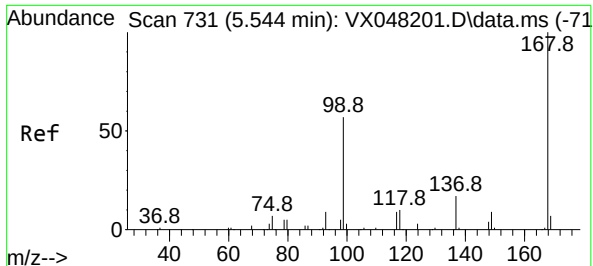
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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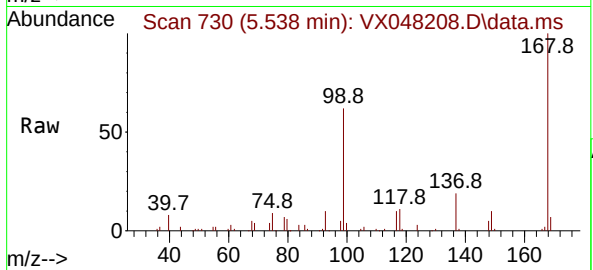
Quant Time: Oct 18 00:17:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration



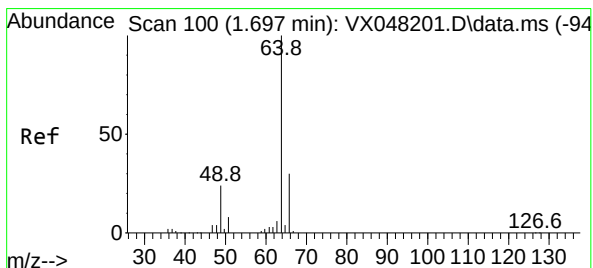
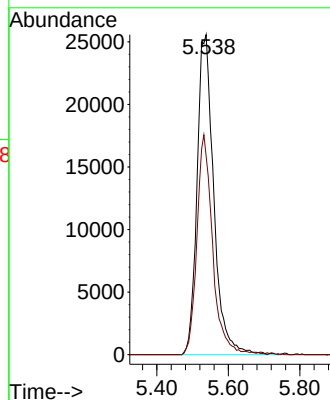
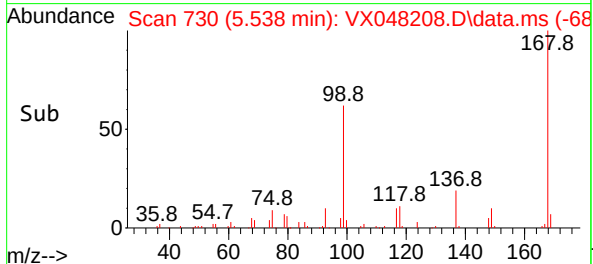


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

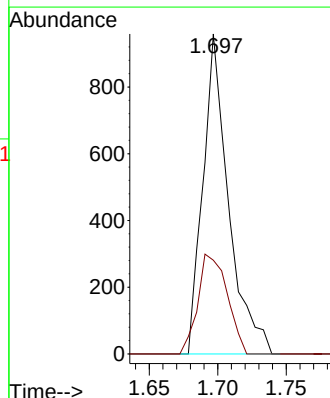
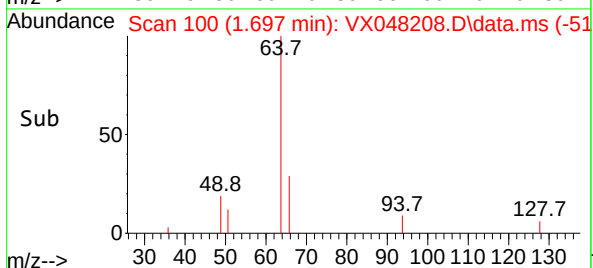
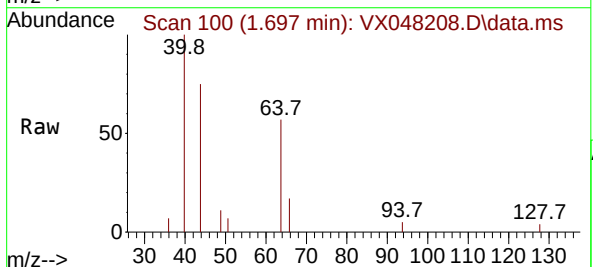


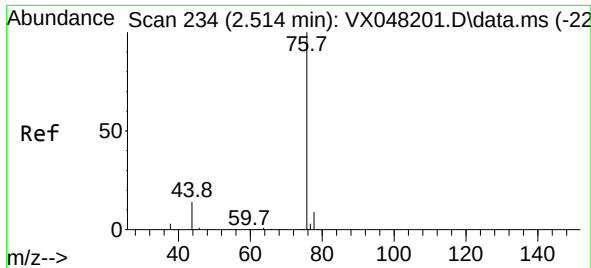
Tgt Ion:168 Resp: 83059
Ion Ratio Lower Upper
168 100
99 62.1 46.4 69.6



#6
Chloroethane
Concen: 1.758 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 64 Resp: 1245
Ion Ratio Lower Upper
64 100
66 29.3 23.9 35.9

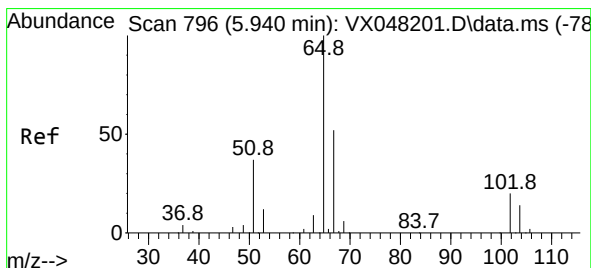
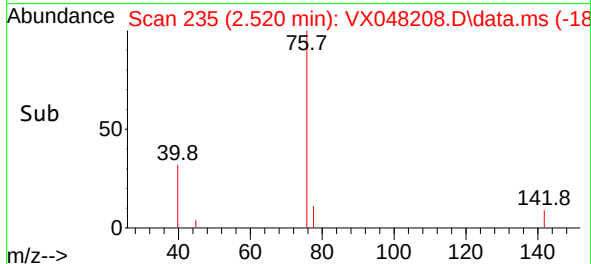
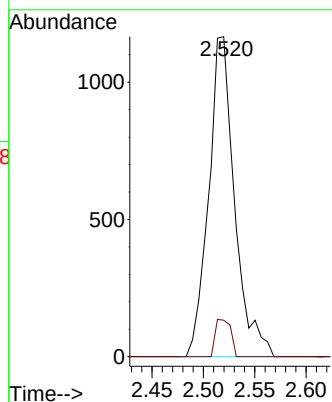
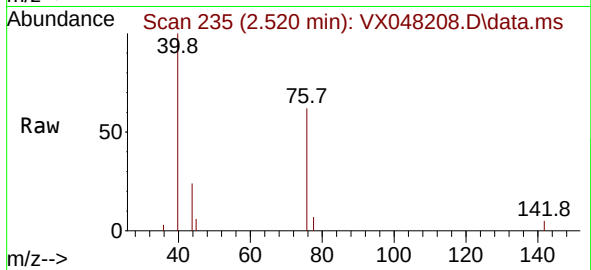




#17
Carbon Disulfide
Concen: 0.691 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

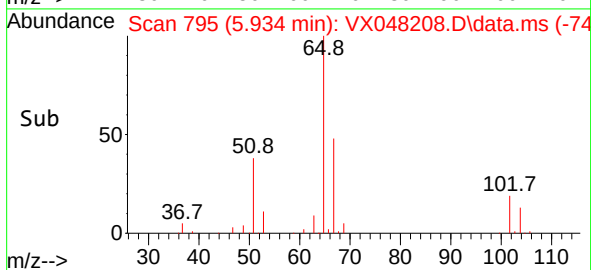
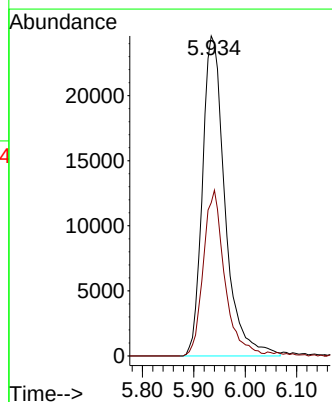
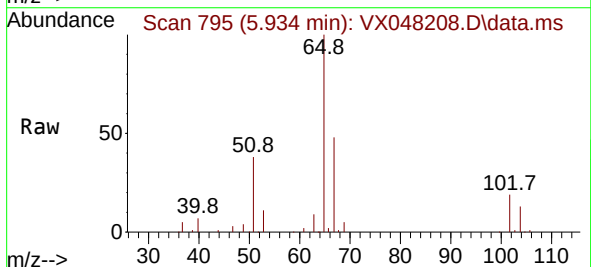
Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

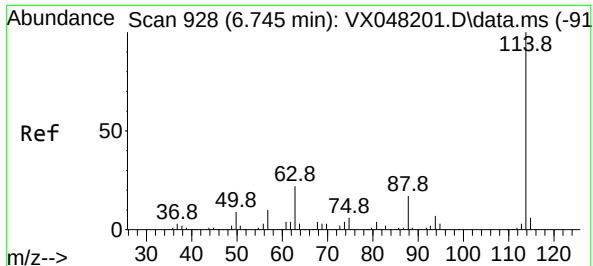
Tgt Ion: 76 Resp: 2047
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 58.112 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 65 Resp: 74775
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.0

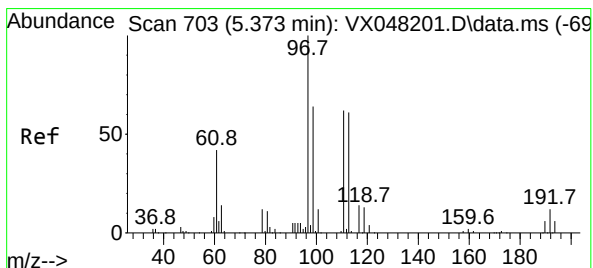
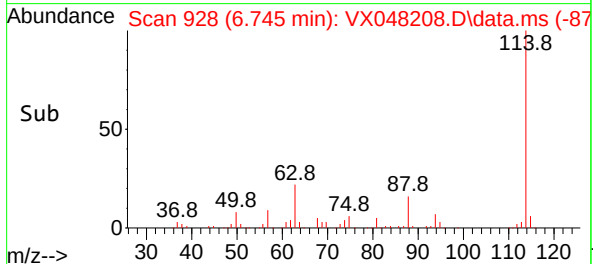
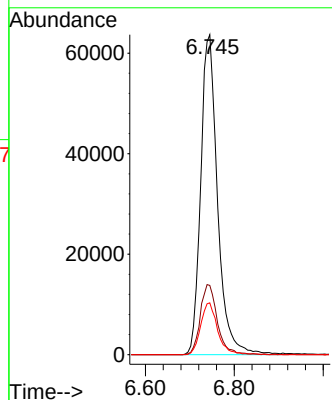
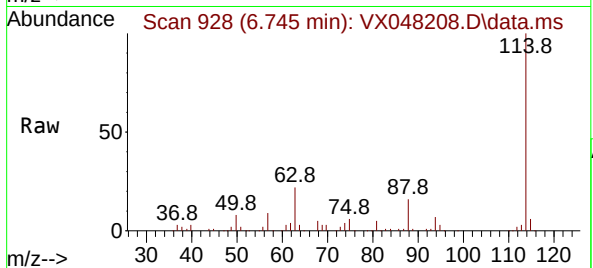




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

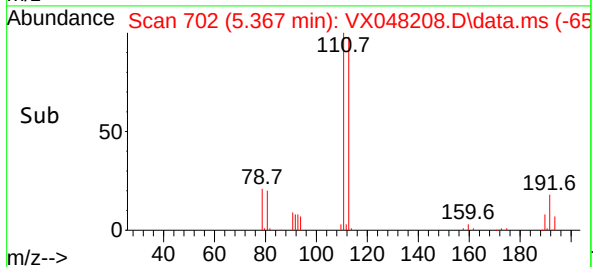
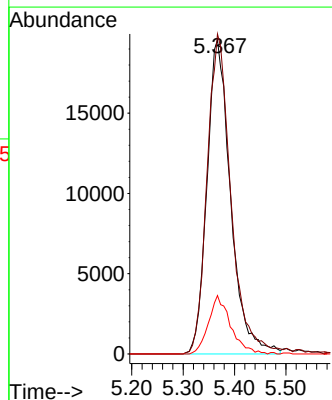
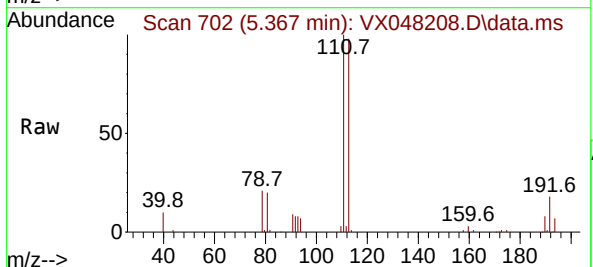
Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

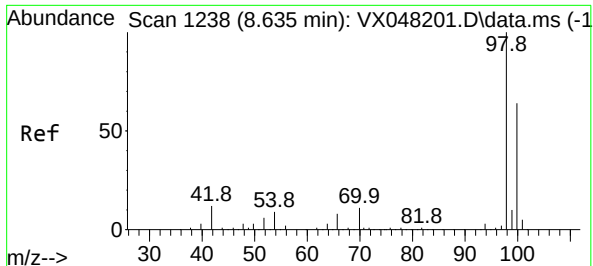
Tgt Ion:114 Resp: 168187
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 53.554 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion:113 Resp: 62512
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.4 15.1 22.7





#50

Toluene-d8

Concen: 50.200 ug/l

RT: 8.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048208.D

Acq: 17 Oct 2025 13:43

Instrument :

MSVOA_X

ClientSampleId :

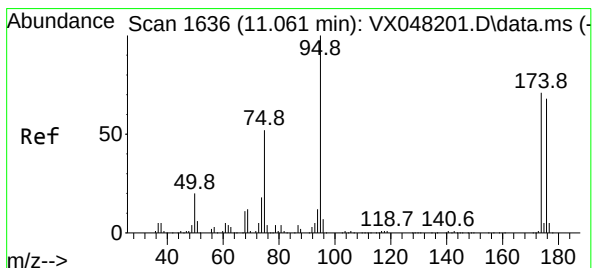
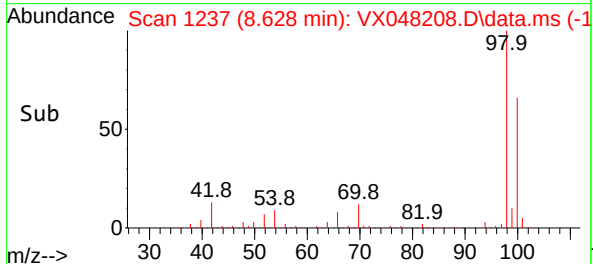
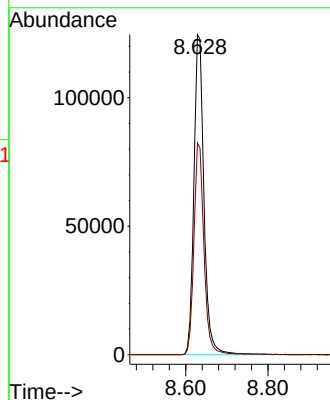
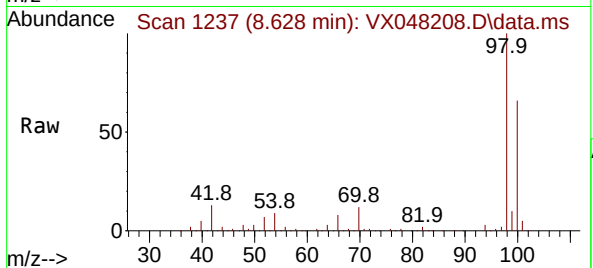
MW-214DDL

Tgt Ion: 98 Resp: 211099

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 61.393 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048208.D

Acq: 17 Oct 2025 13:43

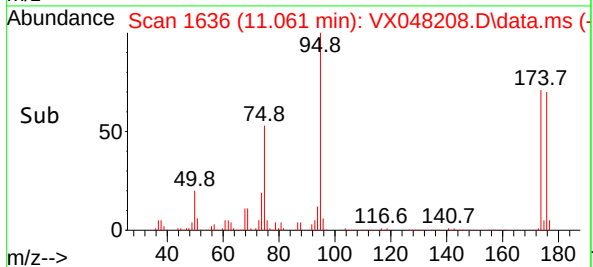
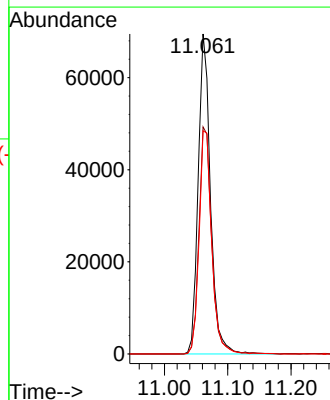
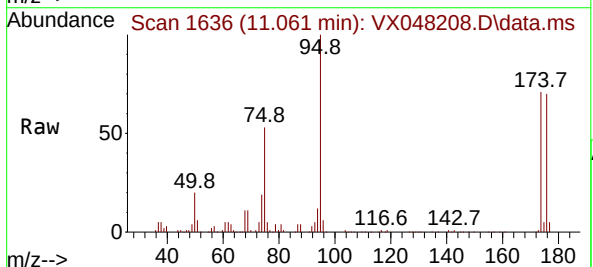
Tgt Ion: 95 Resp: 94031

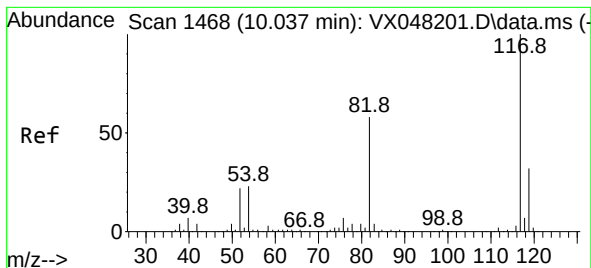
Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.8

176 71.9 0.0 142.8

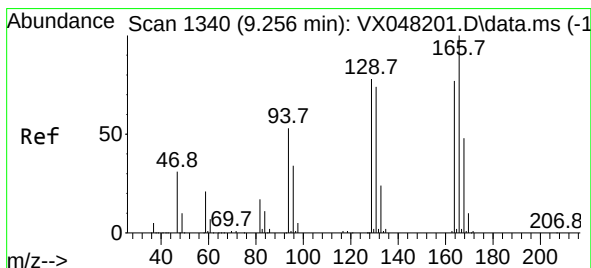
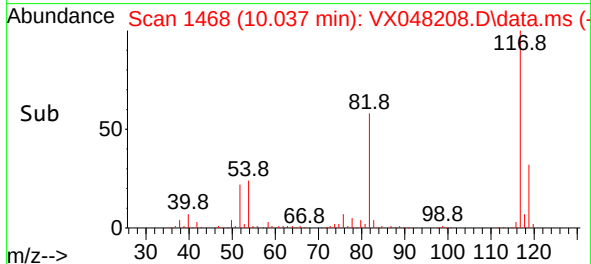
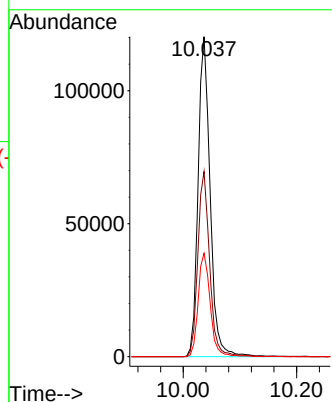
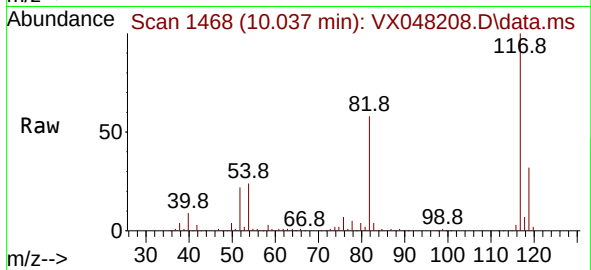




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

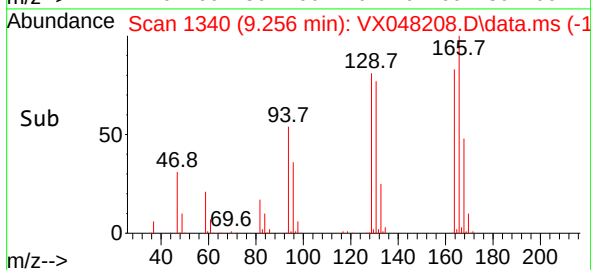
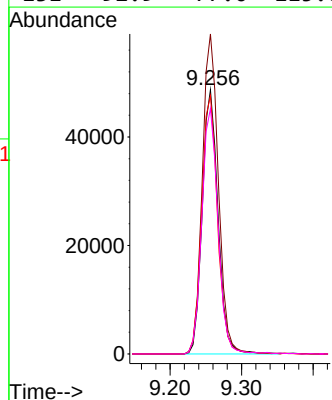
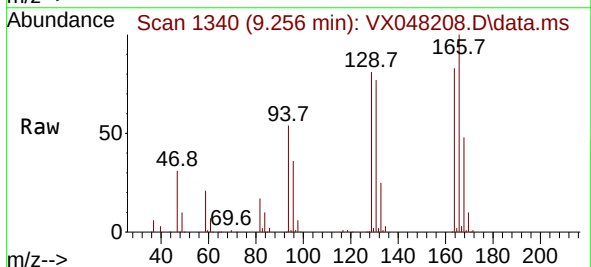
Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

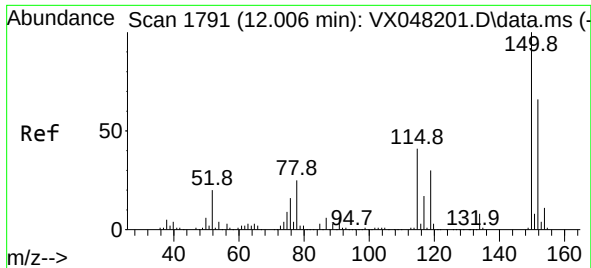
Tgt Ion:117 Resp: 177290
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 59.941 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

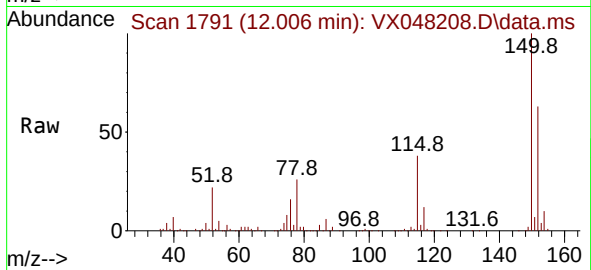
Tgt Ion:164 Resp: 74512
Ion Ratio Lower Upper
164 100
166 121.1 104.5 156.7
129 97.7 81.8 122.6
131 92.9 77.0 115.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL



Tgt Ion:152 Resp: 85687
Ion Ratio Lower Upper
152 100
115 62.8 43.1 129.4
150 160.2 0.0 353.0

