

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048814.D
 Acq On : 10 Dec 2025 16:13
 Operator : JC/MD
 Sample : Q3788-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-01B-66.5-120525

Quant Time: Dec 11 00:25:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

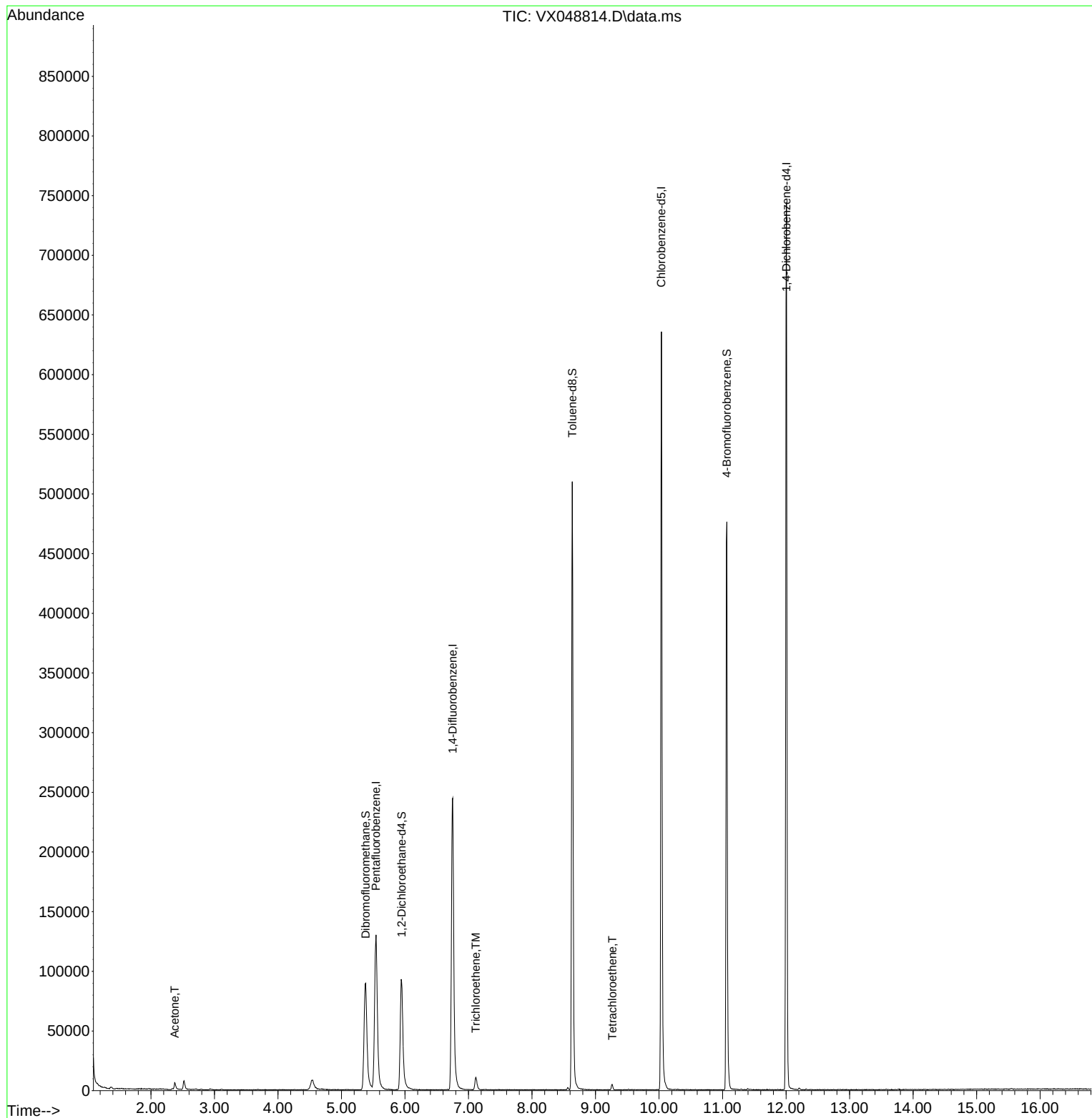
Internal Standards						
1) Pentafluorobenzene	5.543	168	134347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103705	57.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.020%
35) Dibromofluoromethane	5.379	113	90521	46.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.634	98	321038	47.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	11.067	95	141576	60.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.800%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	7351	10.649	ug/l #	87
44) Trichloroethene	7.116	130	4959	2.414	ug/l	94
64) Tetrachloroethene	9.262	164	1000	0.452	ug/l #	82

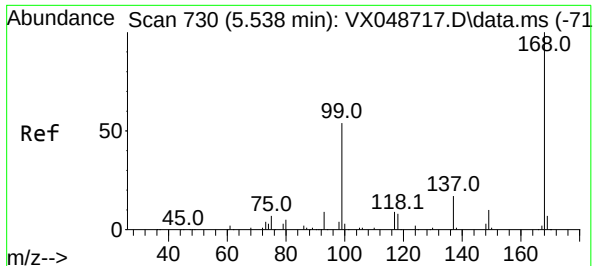
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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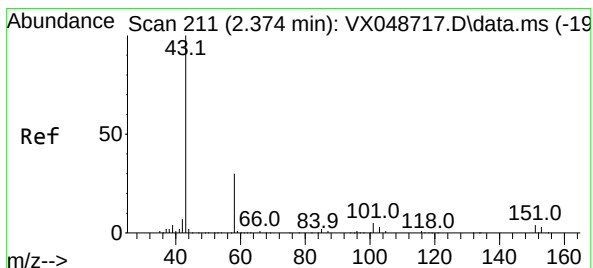
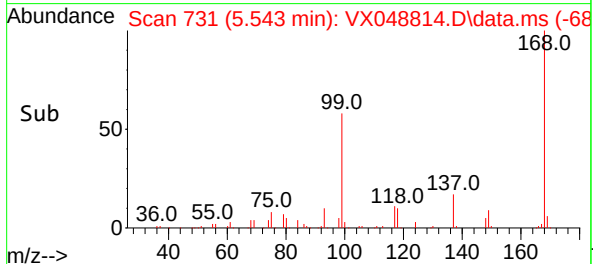
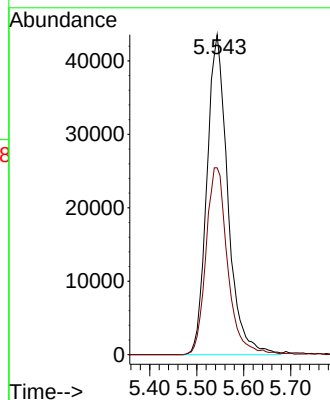
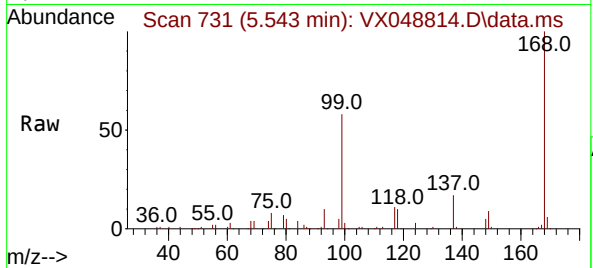




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

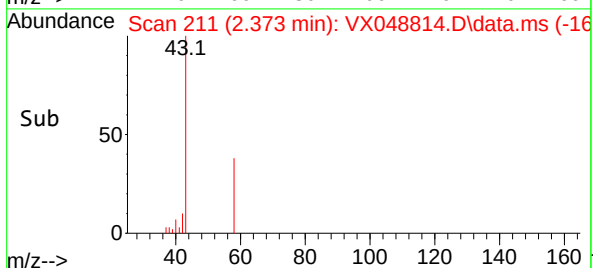
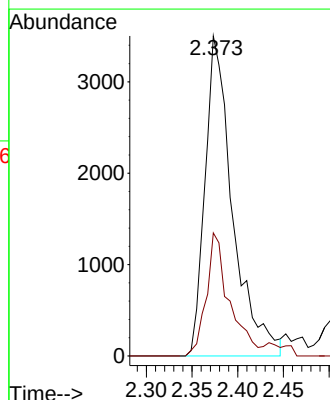
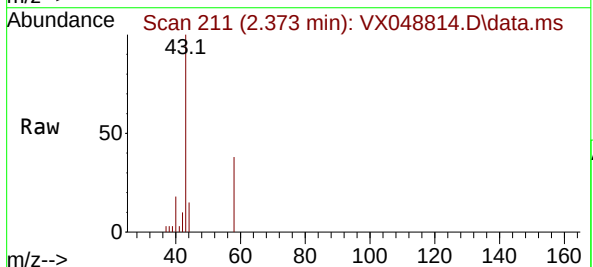
Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

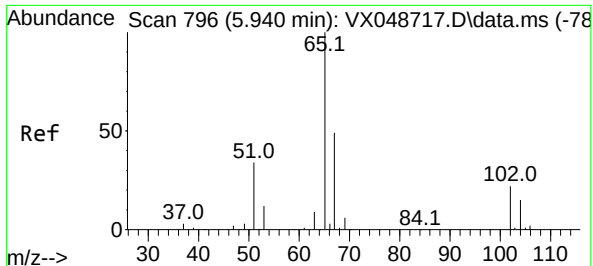
Tgt Ion:168 Resp: 134347
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#16
Acetone
Concen: 10.649 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion: 43 Resp: 7351
Ion Ratio Lower Upper
43 100
58 38.4 25.0 37.4#





#33

1,2-Dichloroethane-d4

Concen: 57.512 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048814.D

Acq: 10 Dec 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

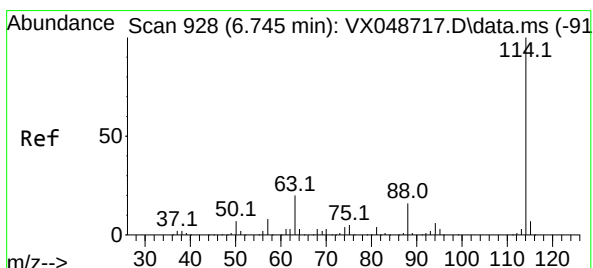
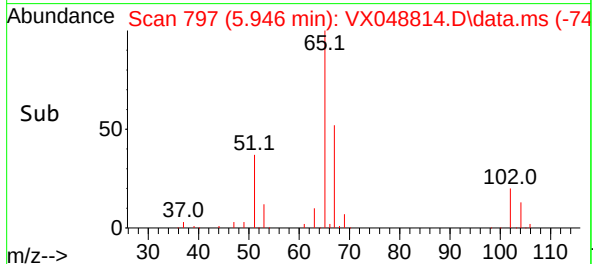
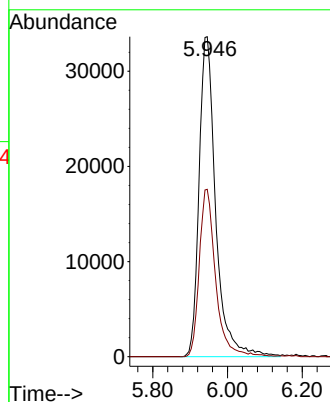
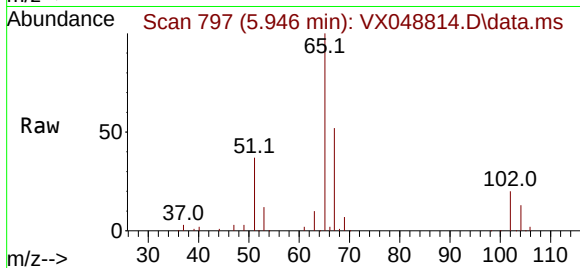
OW-01B-66.5-120525

Tgt Ion: 65 Resp: 103705

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048814.D

Acq: 10 Dec 2025 16:13

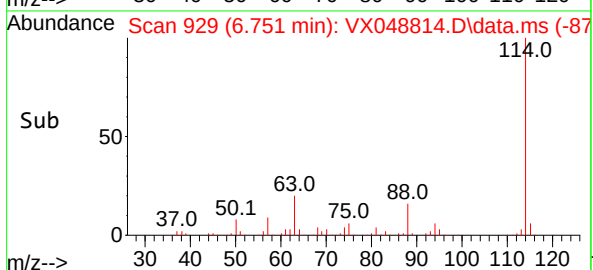
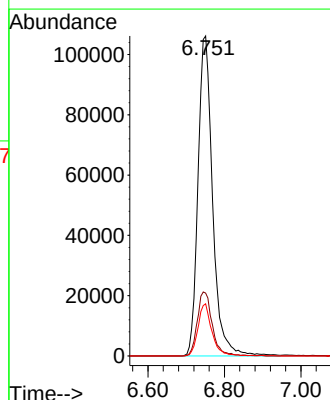
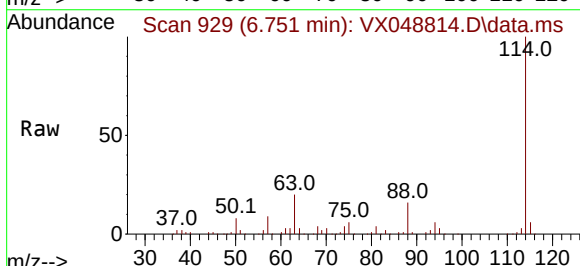
Tgt Ion: 114 Resp: 281654

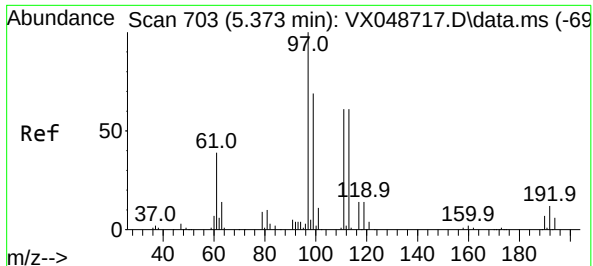
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 16.3 0.0 31.8

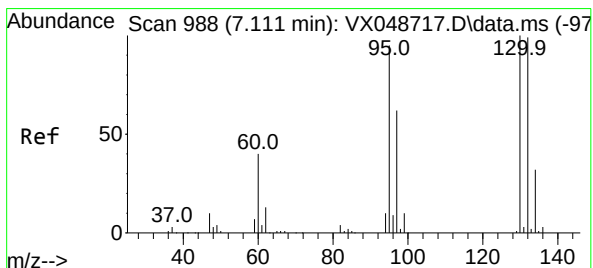
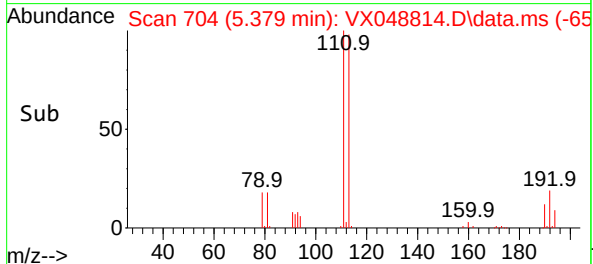
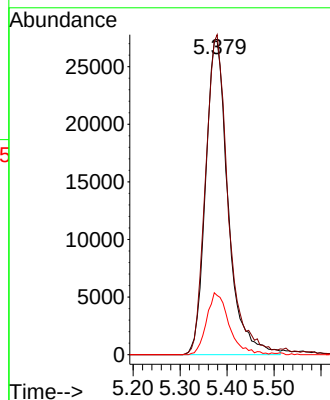
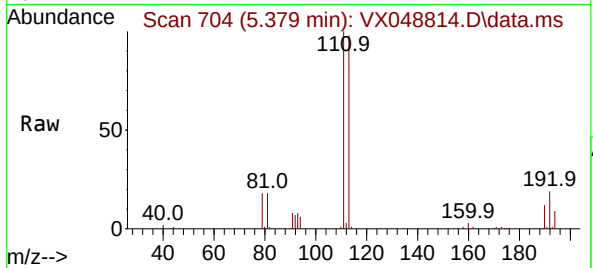




#35
Dibromofluoromethane
Concen: 46.677 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

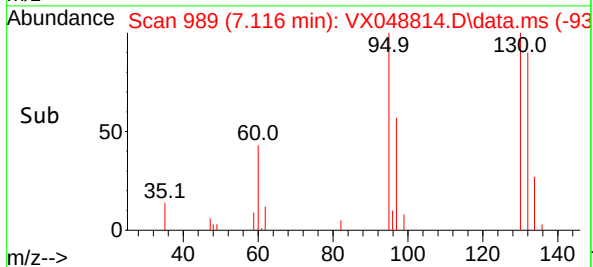
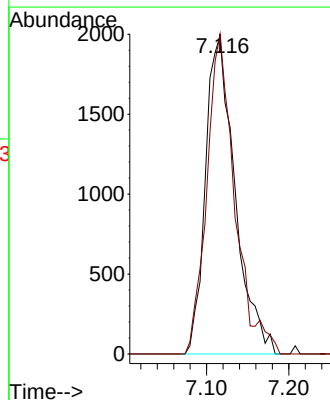
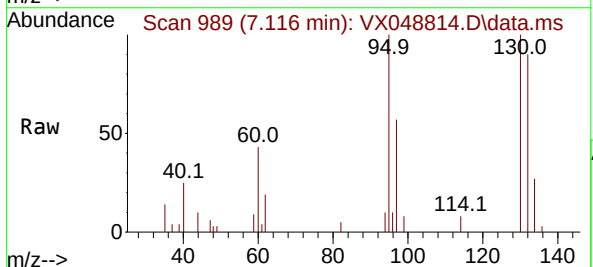
Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

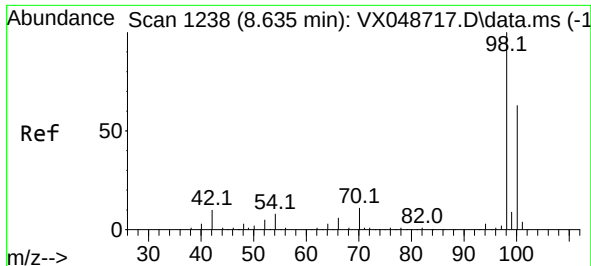
Tgt Ion:113 Resp: 90521
Ion Ratio Lower Upper
113 100
111 102.6 79.5 119.3
192 19.7 16.1 24.1



#44
Trichloroethene
Concen: 2.414 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:130 Resp: 4959
Ion Ratio Lower Upper
130 100
95 100.5 0.0 189.6

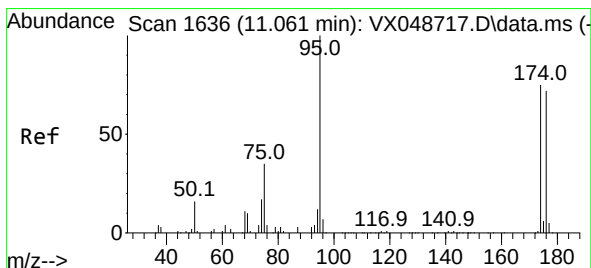
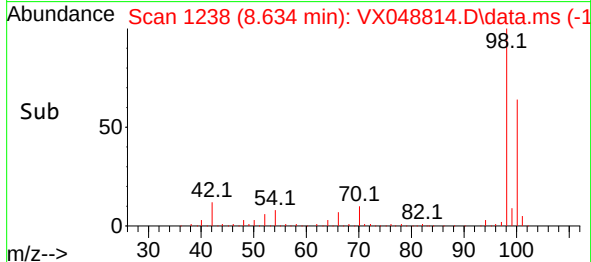
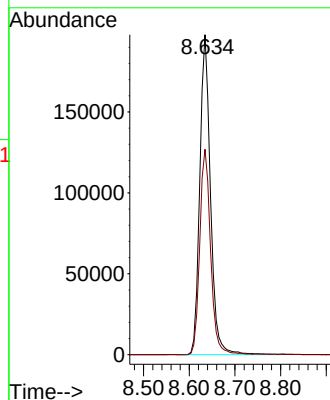
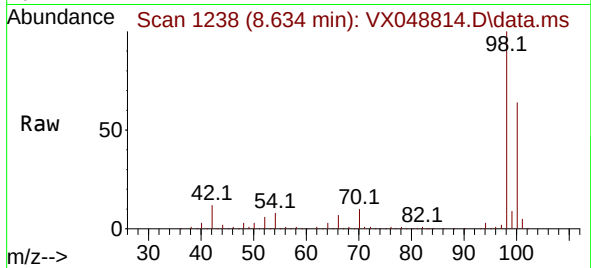




#50
Toluene-d8
Concen: 47.226 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

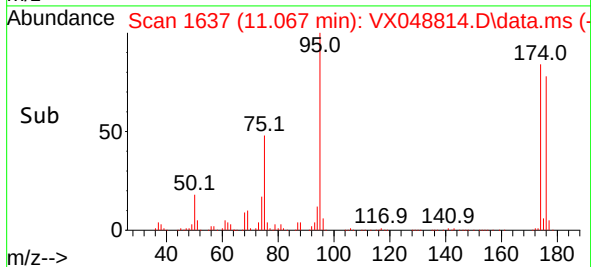
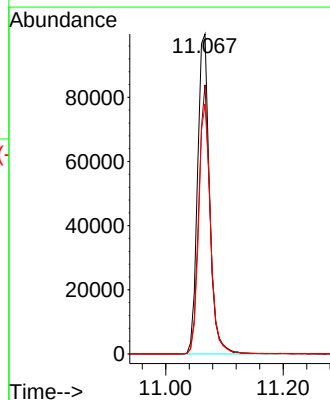
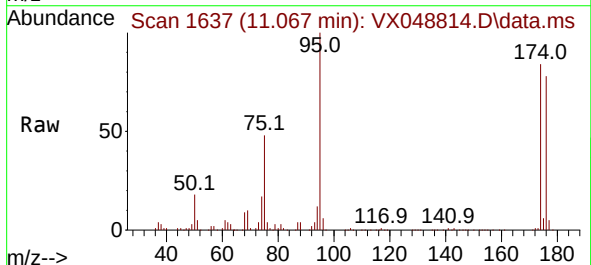
Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

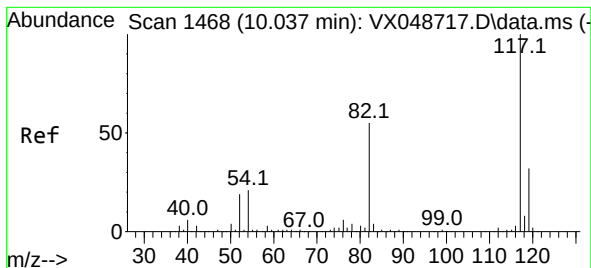
Tgt Ion: 98 Resp: 321038
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 60.396 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion: 95 Resp: 141576
Ion Ratio Lower Upper
95 100
174 80.2 0.0 157.8
176 77.2 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048814.D

Acq: 10 Dec 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-66.5-120525

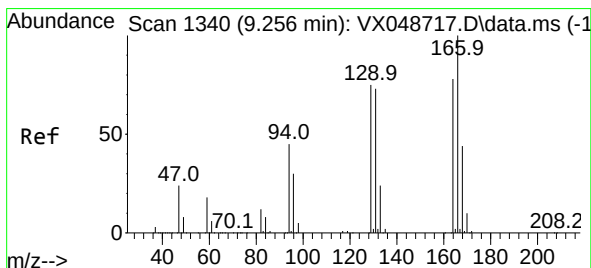
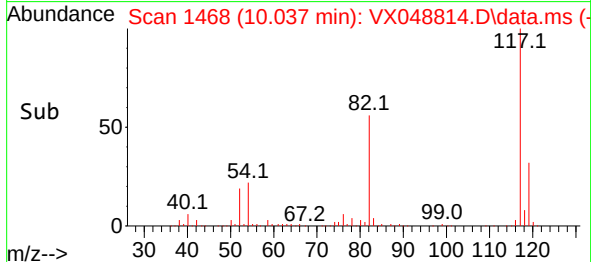
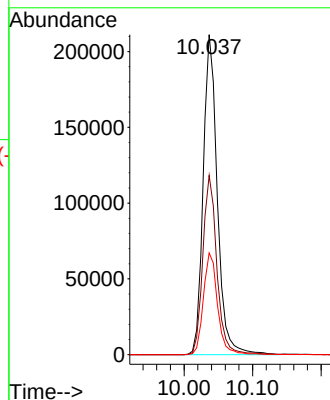
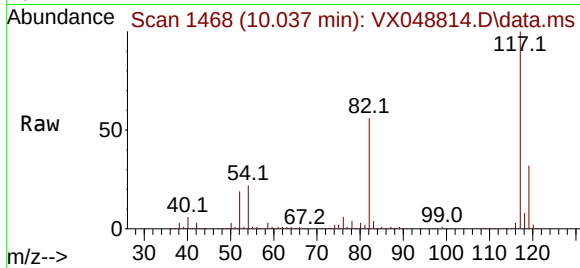
Tgt Ion:117 Resp: 303661

Ion Ratio Lower Upper

117 100

82 56.0 44.1 66.1

119 31.8 25.2 37.8



#64

Tetrachloroethene

Concen: 0.452 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048814.D

Acq: 10 Dec 2025 16:13

Tgt Ion:164 Resp: 1000

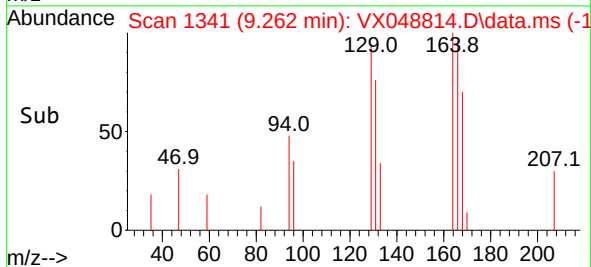
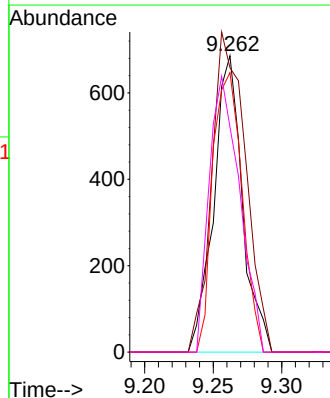
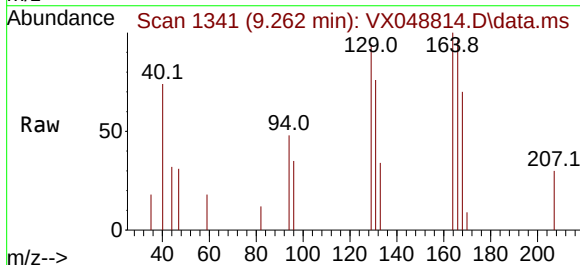
Ion Ratio Lower Upper

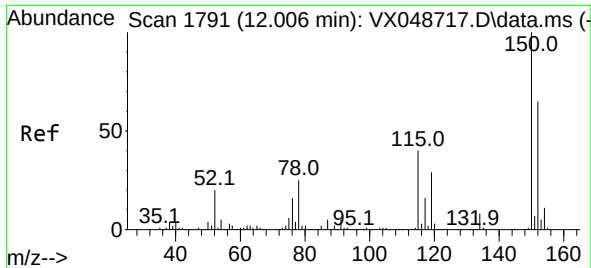
164 100

166 95.9 103.1 154.7#

129 94.3 76.9 115.3

131 75.9 75.1 112.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048814.D

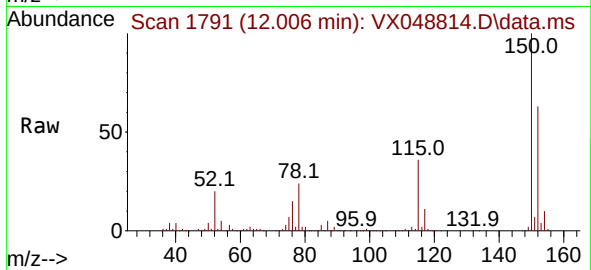
Acq: 10 Dec 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

OW-01B-66.5-120525



Tgt Ion:152 Resp: 163248

Ion Ratio Lower Upper

152 100

115 59.9 42.1 126.4

150 158.2 0.0 347.8

