

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048466.D
 Acq On : 03 Nov 2025 18:25
 Operator : JC/MD
 Sample : Q3521-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-2025

Quant Time: Nov 04 00:18:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

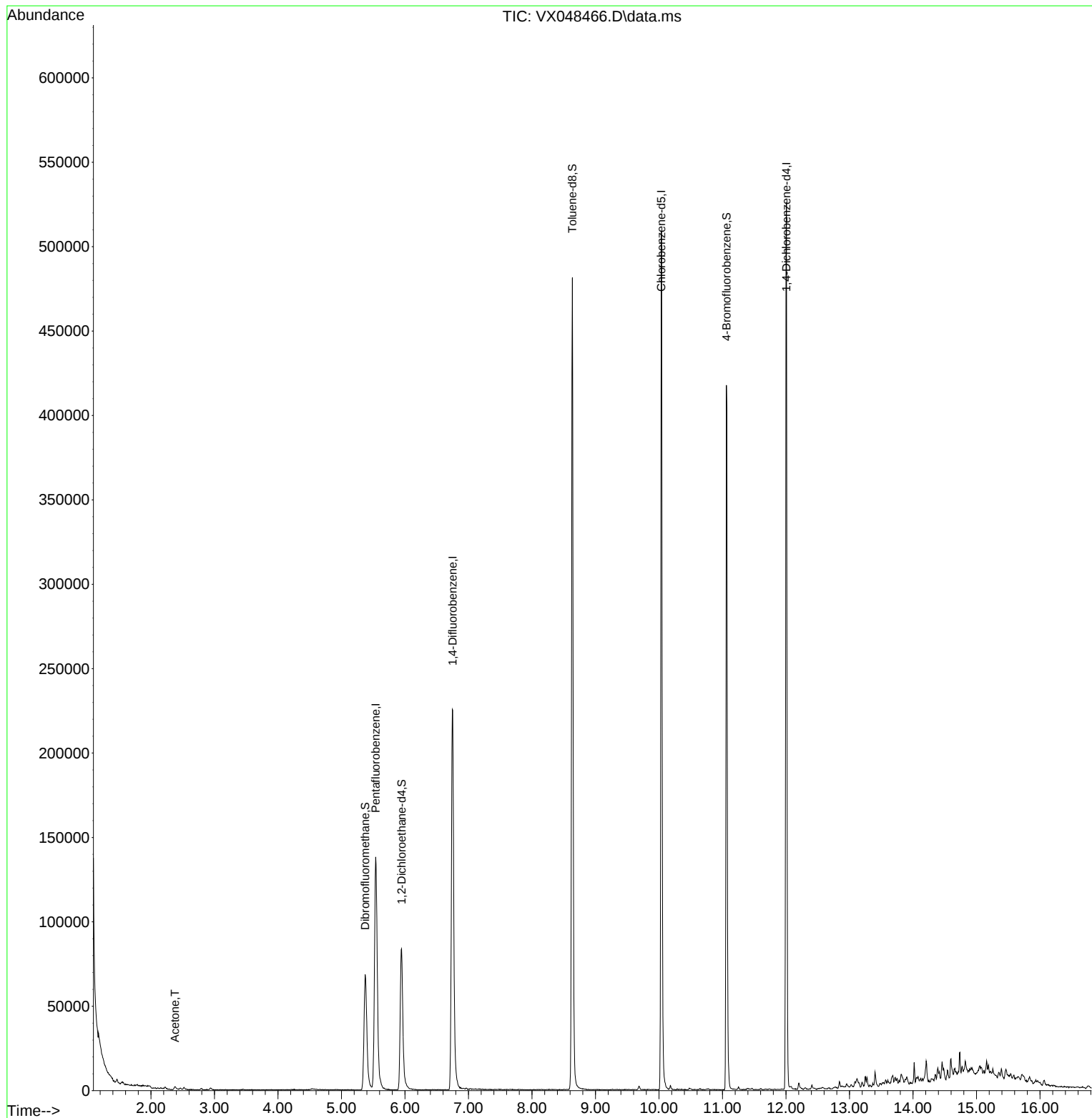
Internal Standards						
1) Pentafluorobenzene	5.538	168	149230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	266997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92816	43.248	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.500%
35) Dibromofluoromethane	5.373	113	68847	45.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	8.635	98	299587	44.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.160%#
62) 4-Bromofluorobenzene	11.061	95	117528	46.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.520%
Target Compounds						
16) Acetone	2.380	43	2613	5.372	ug/l	Qvalue 97

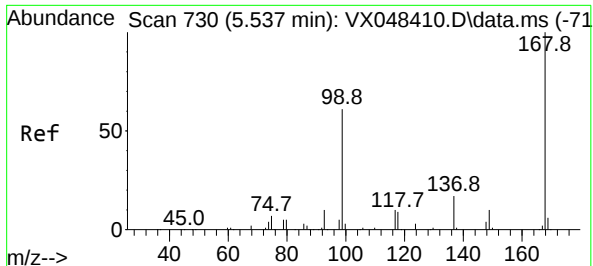
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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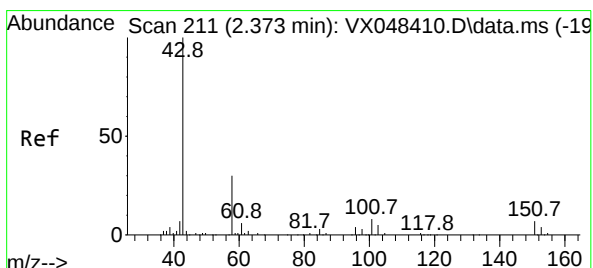
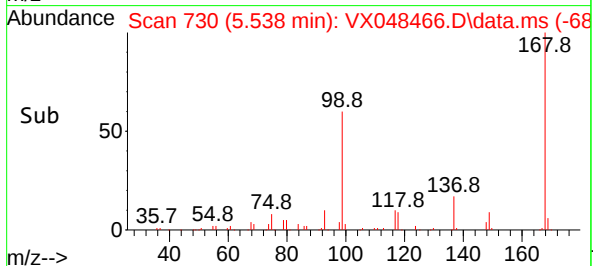
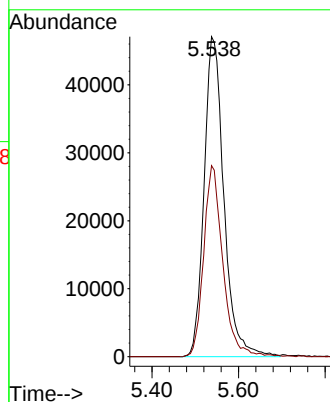
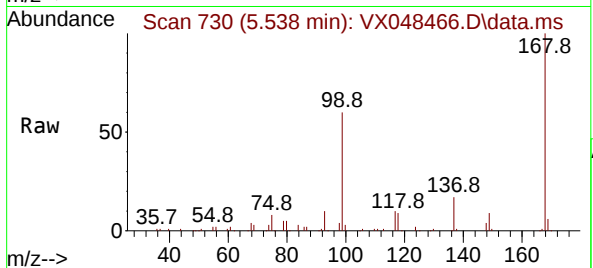




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048466.D
Acq: 03 Nov 2025 18:25

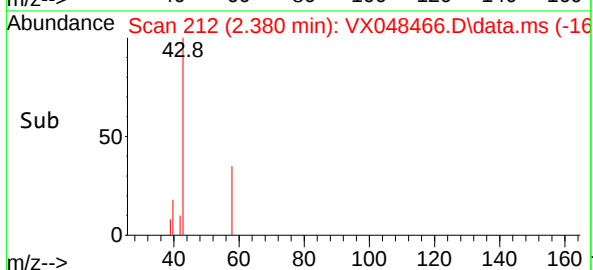
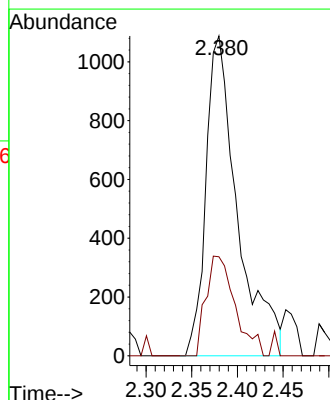
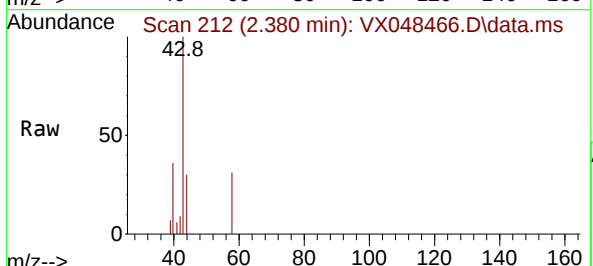
Instrument :
MSVOA_X
ClientSampleId :
TANK-2025

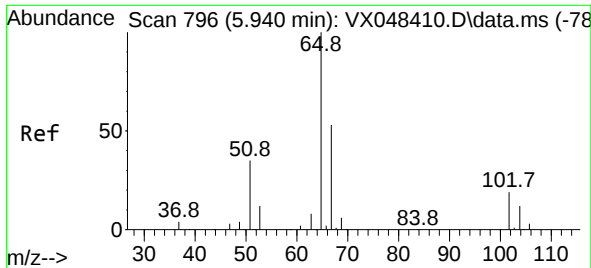
Tgt Ion:168 Resp: 149230
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#16
Acetone
Concen: 5.372 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048466.D
Acq: 03 Nov 2025 18:25

Tgt Ion: 43 Resp: 2613
Ion Ratio Lower Upper
43 100
58 31.0 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 43.248 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048466.D

Acq: 03 Nov 2025 18:25

Instrument :

MSVOA_X

ClientSampleId :

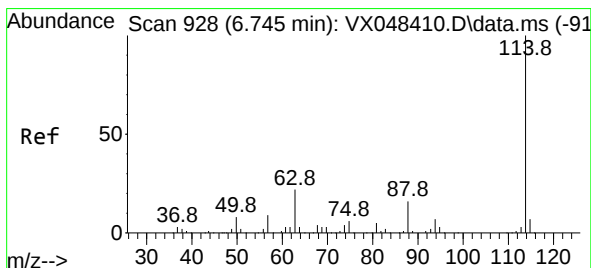
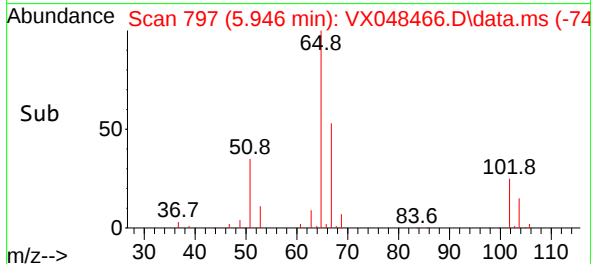
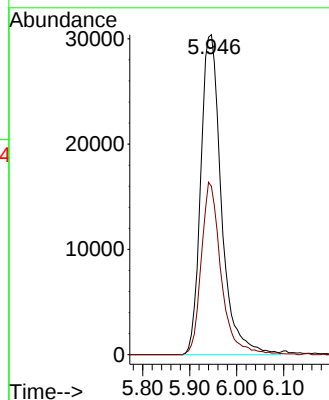
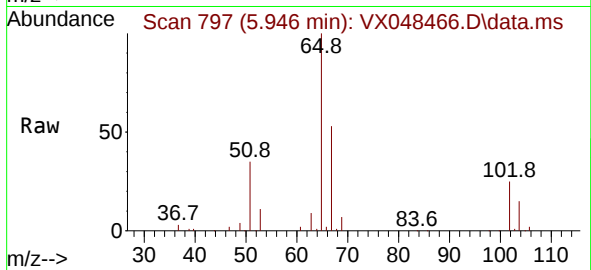
TANK-2025

Tgt Ion: 65 Resp: 92816

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048466.D

Acq: 03 Nov 2025 18:25

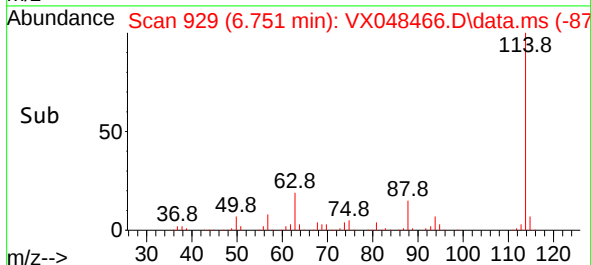
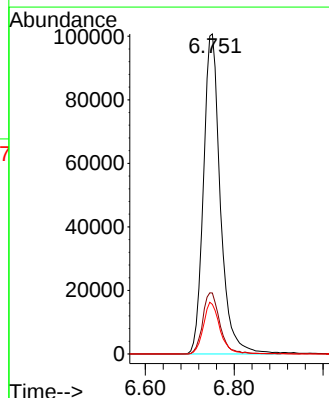
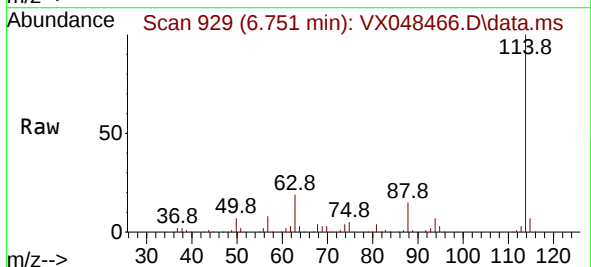
Tgt Ion: 114 Resp: 266997

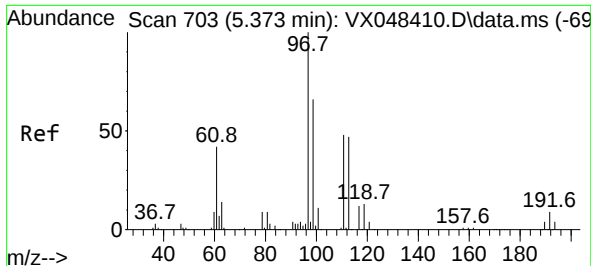
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.5 0.0 33.6

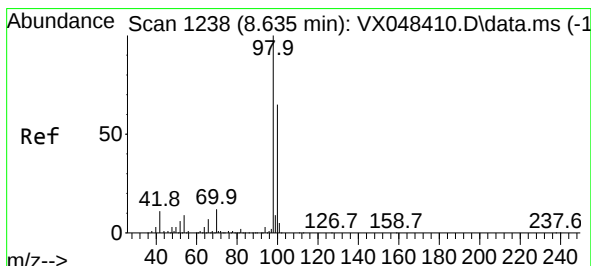
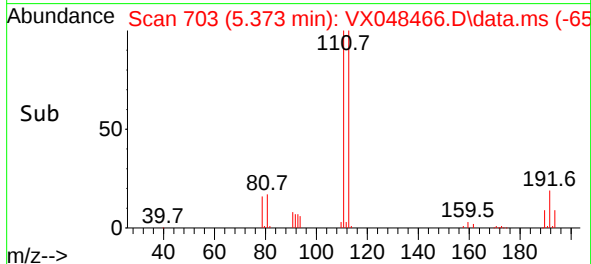
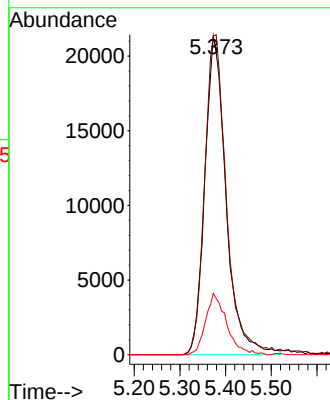
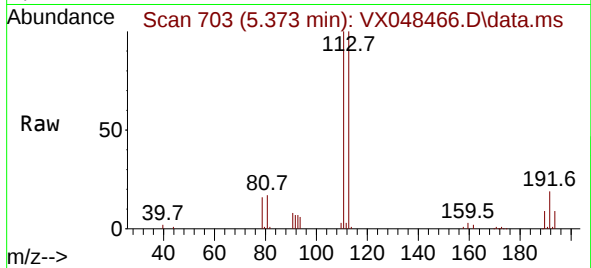




#35
Dibromofluoromethane
Concen: 45.227 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048466.D
Acq: 03 Nov 2025 18:25

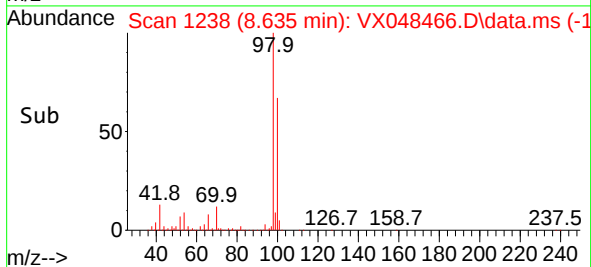
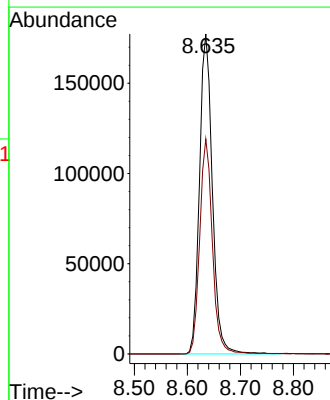
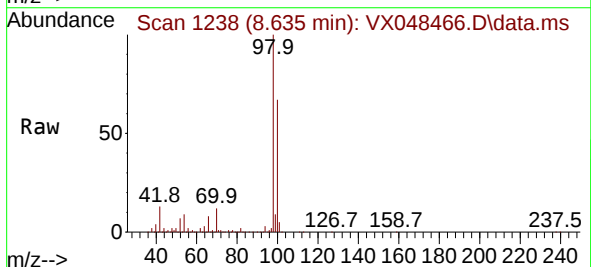
Instrument :
MSVOA_X
ClientSampleId :
TANK-2025

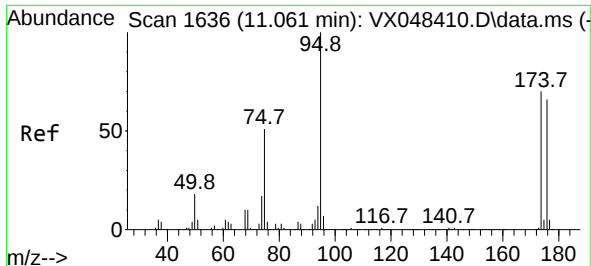
Tgt Ion:113 Resp: 68847
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.1 15.1 22.7



#50
Toluene-d8
Concen: 44.584 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048466.D
Acq: 03 Nov 2025 18:25

Tgt Ion: 98 Resp: 299587
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 46.756 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048466.D

Acq: 03 Nov 2025 18:25

Instrument :

MSVOA_X

ClientSampleId :

TANK-2025

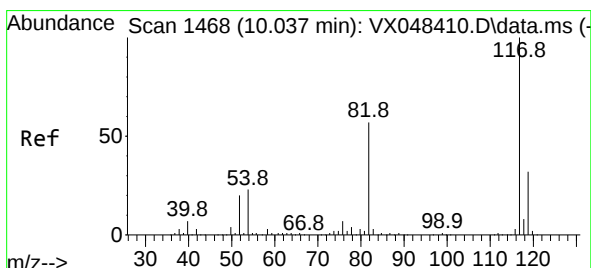
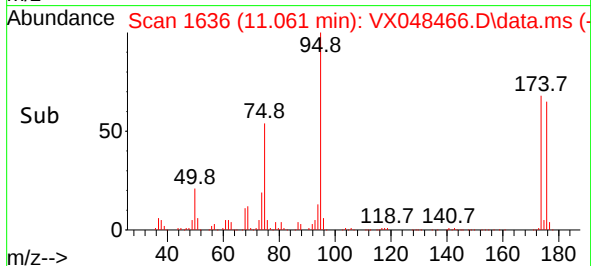
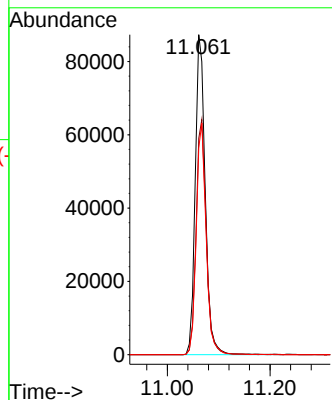
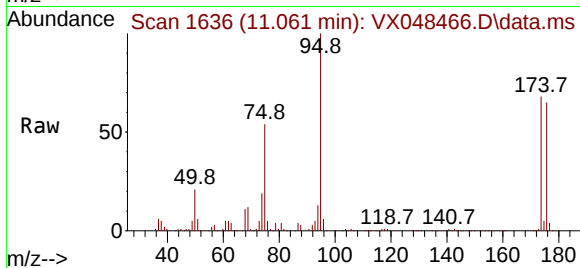
Tgt Ion: 95 Resp: 117528

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.8

176 71.5 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: VX048466.D

Acq: 03 Nov 2025 18:25

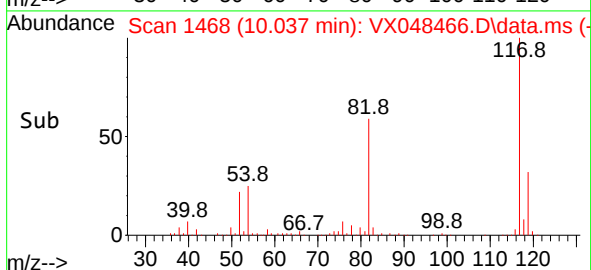
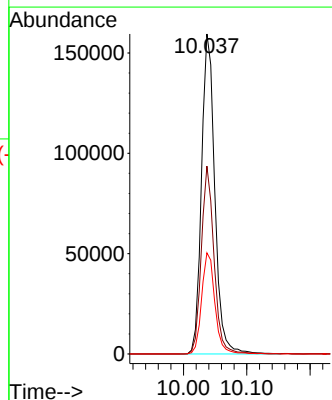
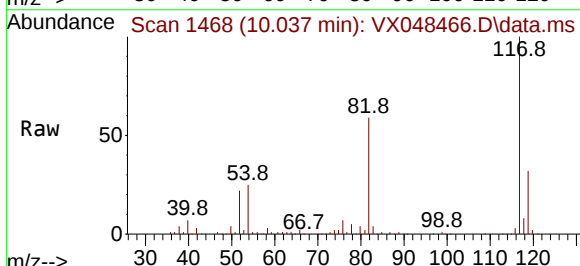
Tgt Ion: 117 Resp: 233886

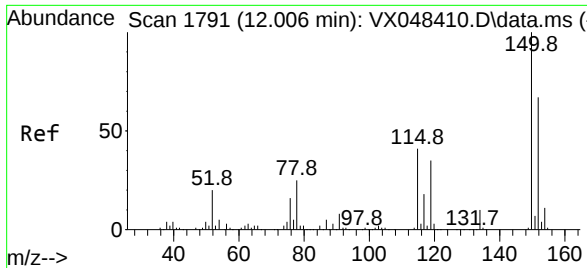
Ion Ratio Lower Upper

117 100

82 58.7 46.5 69.7

119 31.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048466.D
 Acq: 03 Nov 2025 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-2025

Tgt Ion:152 Resp: 110763
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.1 129.4
 150 156.4 0.0 353.0

