

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047764.D
 Acq On : 24 Sep 2025 09:46
 Operator : JC/MD
 Sample : Q3127-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250916

Quant Time: Sep 25 01:20:50 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)

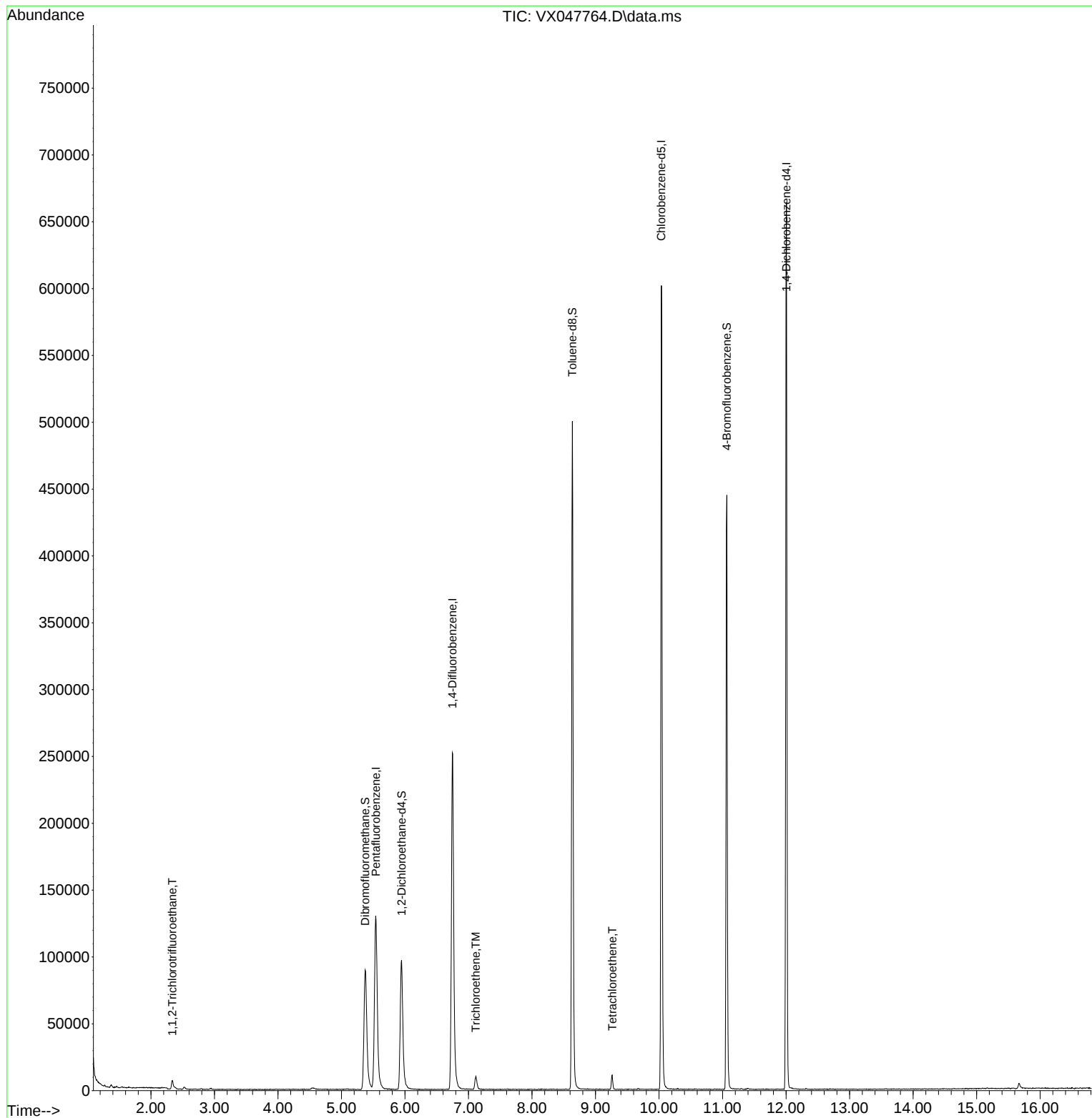
Internal Standards						
1) Pentafluorobenzene	5.544	168	131958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104294	49.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.300%
35) Dibromofluoromethane	5.373	113	88310	47.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.635	98	306792	48.154	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.067	95	128728	53.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.480%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	3045	1.995	ug/l	97
44) Trichloroethene	7.117	130	4474	2.265	ug/l	99
64) Tetrachloroethene	9.263	164	2234	1.230	ug/l #	84

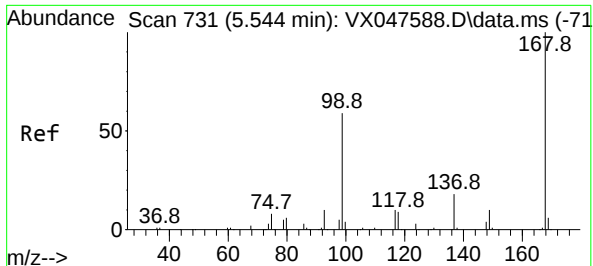
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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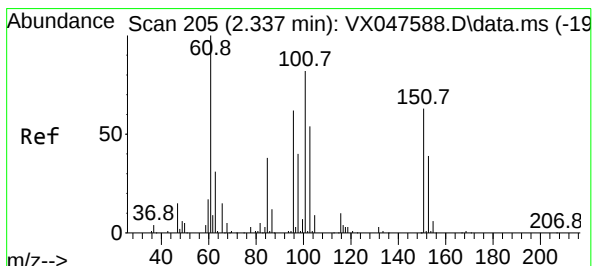
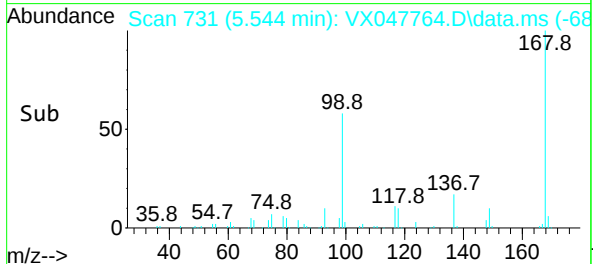
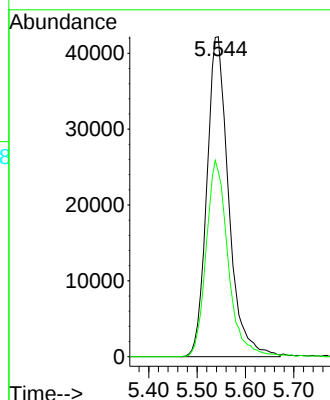
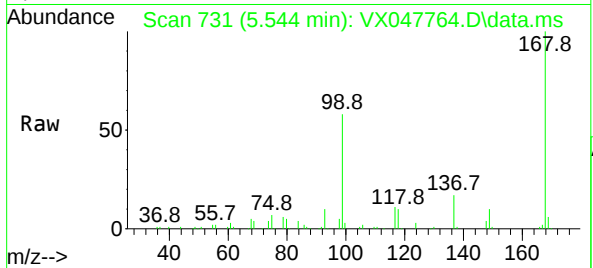




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047764.D
Acq: 24 Sep 2025 09:46

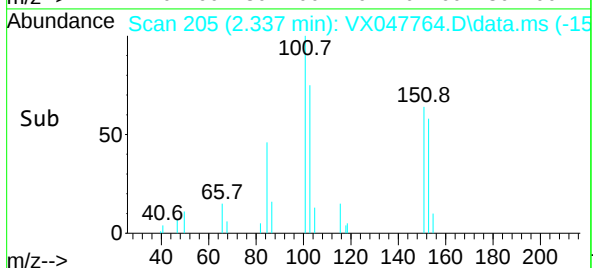
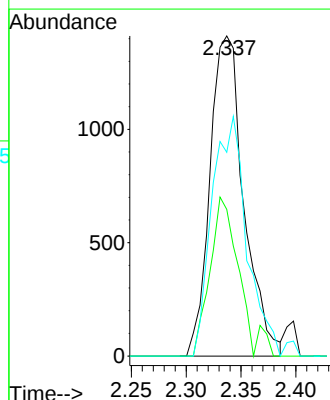
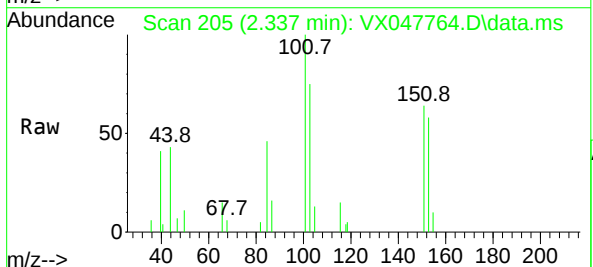
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916

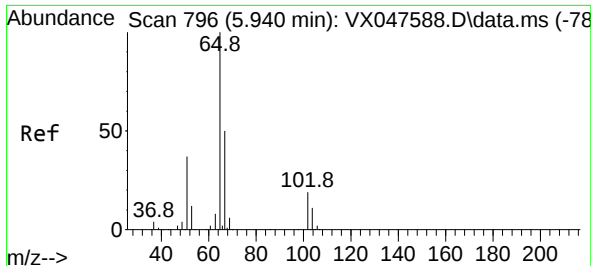
Tgt Ion:168 Resp: 131958
Ion Ratio Lower Upper
168 100
99 57.8 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.995 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047764.D
Acq: 24 Sep 2025 09:46

Tgt Ion:101 Resp: 3045
Ion Ratio Lower Upper
101 100
85 42.7 35.5 53.3
151 76.5 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 49.653 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047764.D

Acq: 24 Sep 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

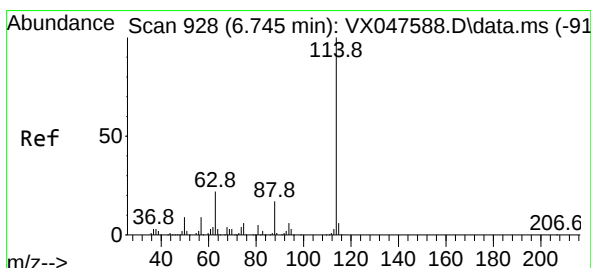
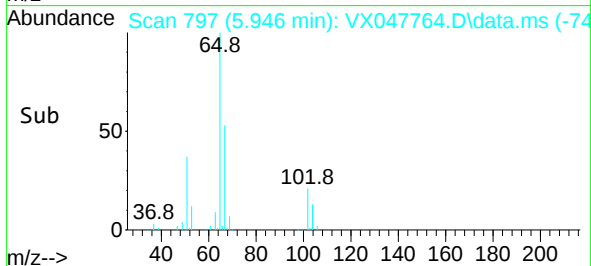
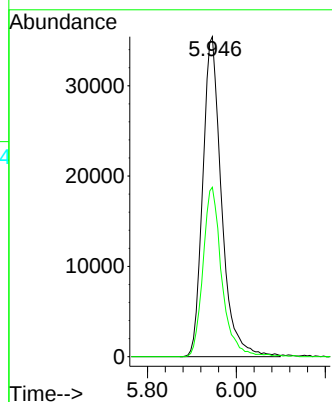
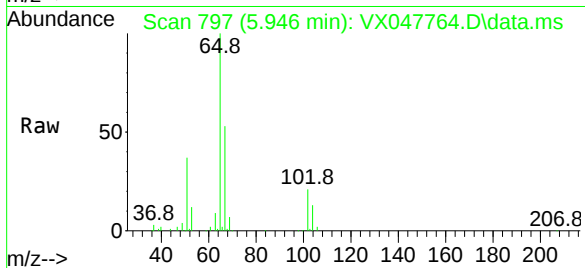
TT119S1-20250916

Tgt Ion: 65 Resp: 104294

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047764.D

Acq: 24 Sep 2025 09:46

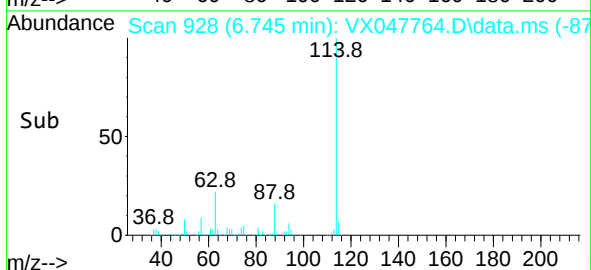
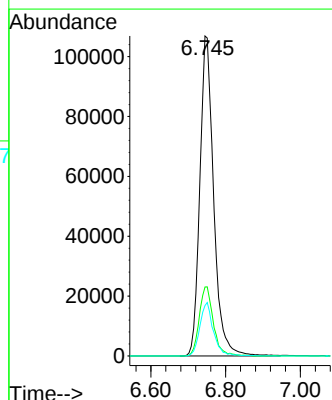
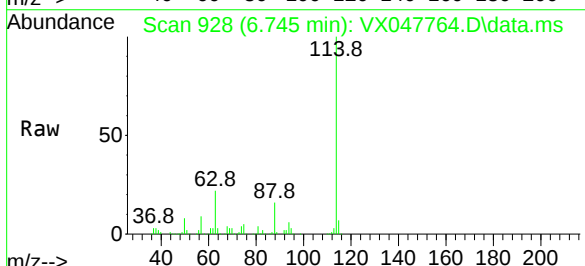
Tgt Ion: 114 Resp: 274545

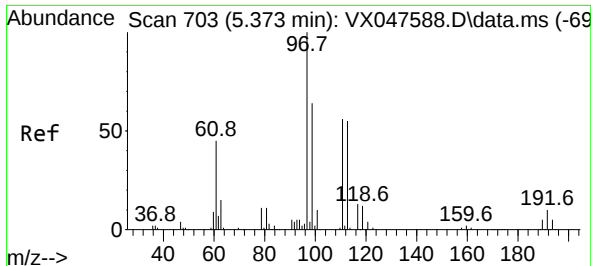
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 15.8 0.0 34.2

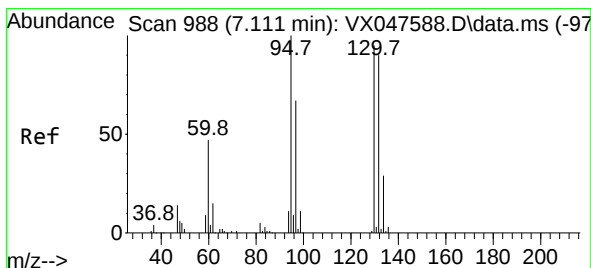
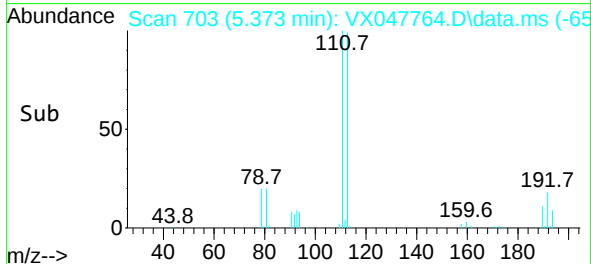
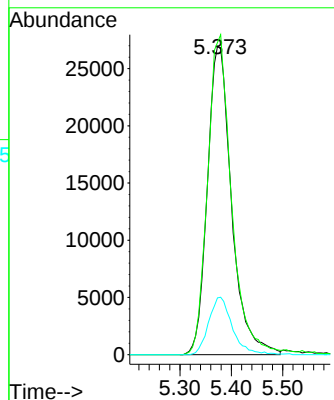
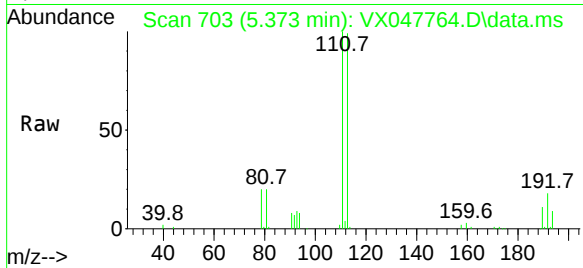




#35
Dibromofluoromethane
Concen: 47.962 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047764.D
Acq: 24 Sep 2025 09:46

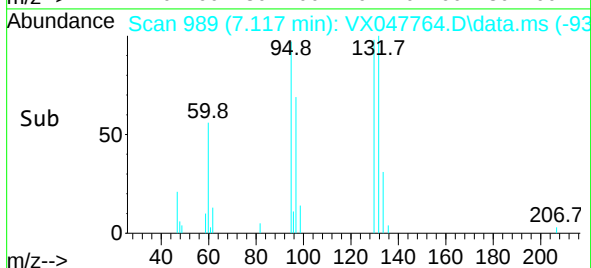
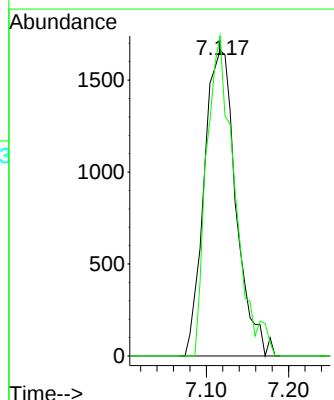
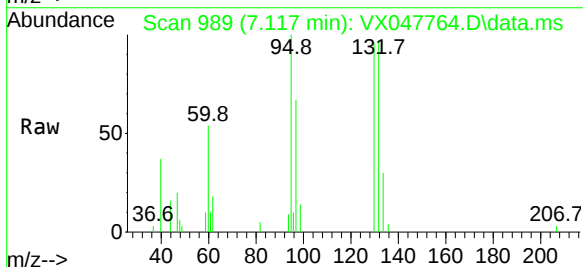
Instrument :
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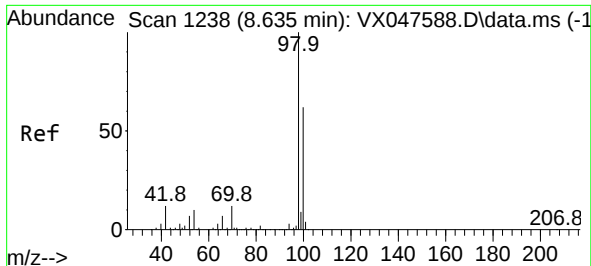
Tgt Ion:113 Resp: 88310
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 18.2 14.2 21.4



#44
Trichloroethene
Concen: 2.265 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047764.D
Acq: 24 Sep 2025 09:46

Tgt Ion:130 Resp: 4474
Ion Ratio Lower Upper
130 100
95 104.7 0.0 210.8

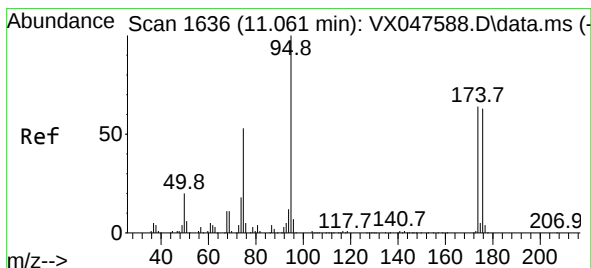
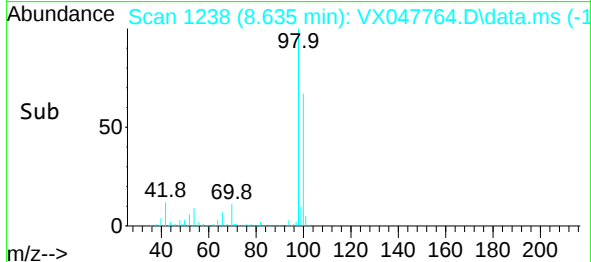
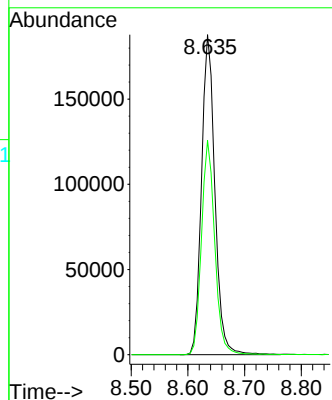
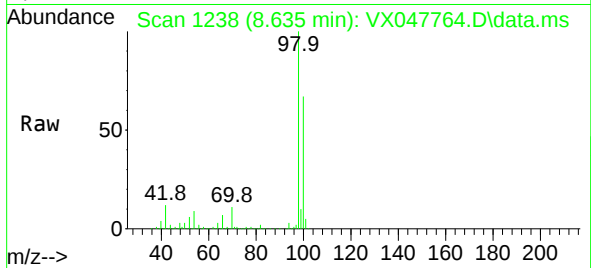




#50
Toluene-d8
Concen: 48.154 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047764.D
Acq: 24 Sep 2025 09:46

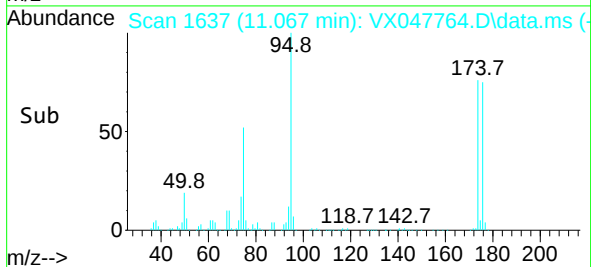
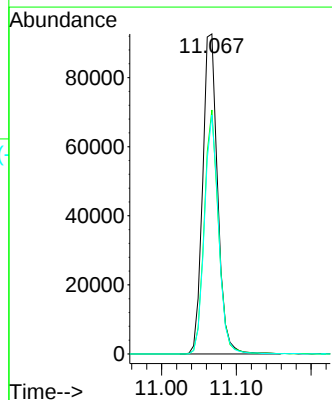
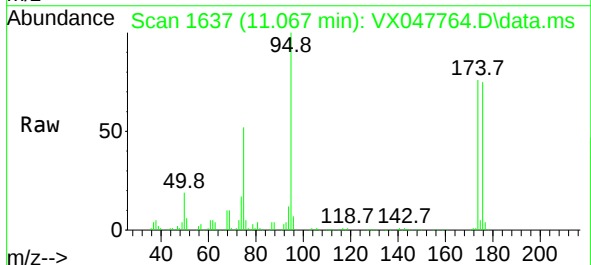
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916

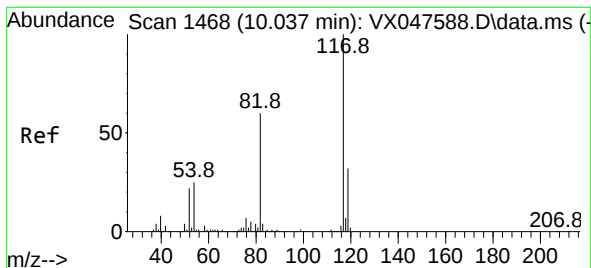
Tgt Ion: 98 Resp: 306792
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.239 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047764.D
Acq: 24 Sep 2025 09:46

Tgt Ion: 95 Resp: 128728
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.9 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: VX047764.D

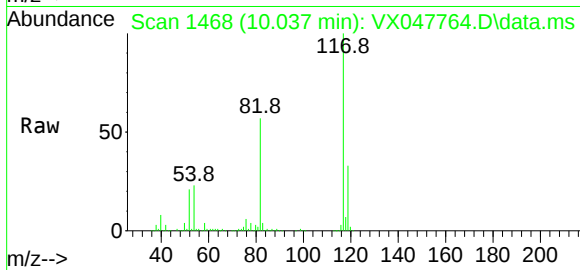
Acq: 24 Sep 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916



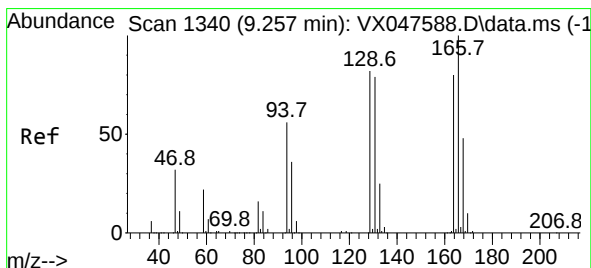
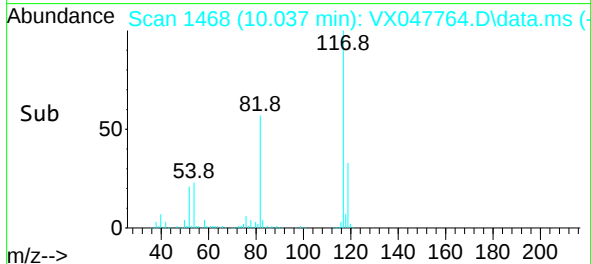
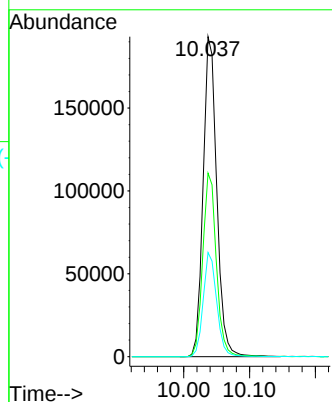
Tgt Ion:117 Resp: 278664

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.6

119 32.5 25.2 37.8



#64

Tetrachloroethene

Concen: 1.230 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047764.D

Acq: 24 Sep 2025 09:46

Tgt Ion:164 Resp: 2234

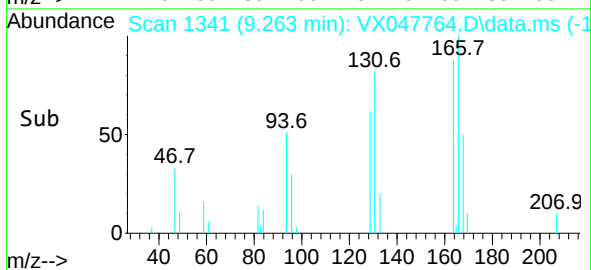
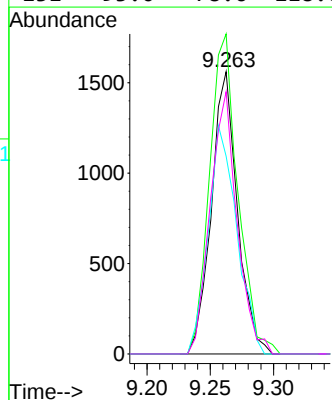
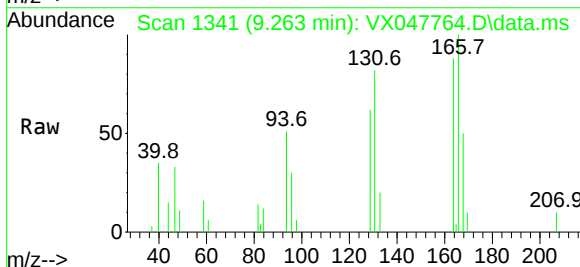
Ion Ratio Lower Upper

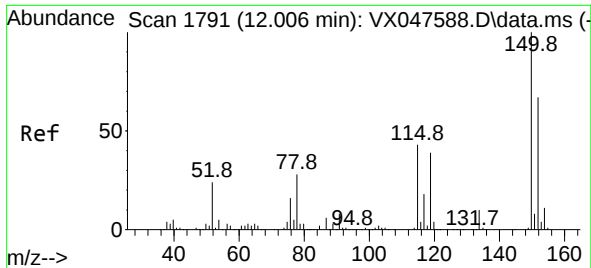
164 100

166 113.4 100.2 150.2

129 70.1 81.8 122.6#

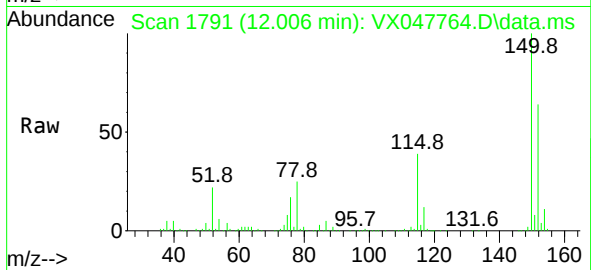
131 93.0 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047764.D
 Acq: 24 Sep 2025 09:46

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 140271
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 156.1 0.0 352.0

