

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047622.D
 Acq On : 17 Sep 2025 16:34
 Operator : JC/MD
 Sample : Q3095-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20250909

Quant Time: Sep 18 02:06:59 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)

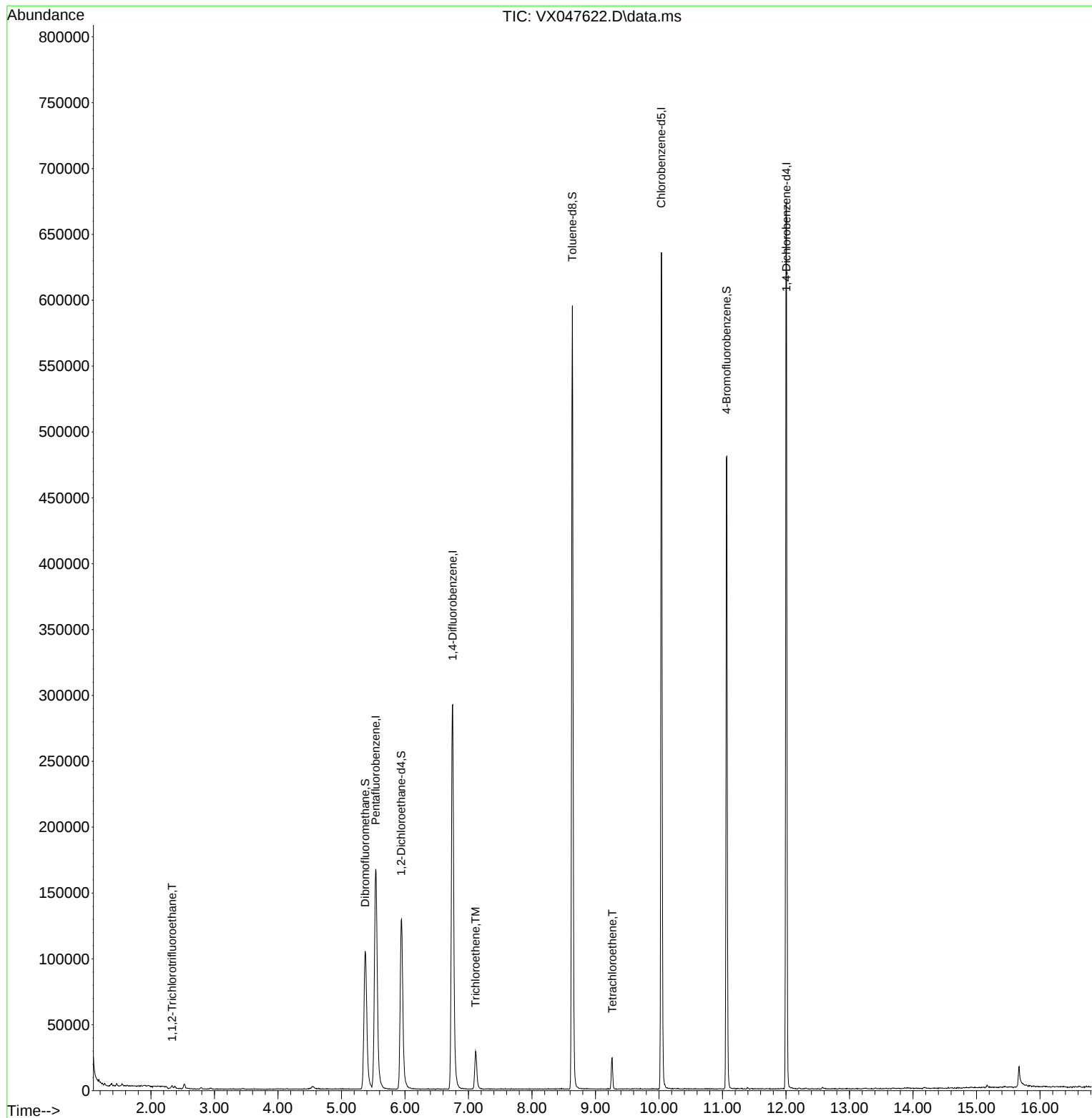
Internal Standards						
1) Pentafluorobenzene	5.538	168	170825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	321222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	143191	52.661	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.320%	
35) Dibromofluoromethane	5.373	113	104468	48.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.980%	
50) Toluene-d8	8.635	98	364924	48.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.061	95	143039	50.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.120%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	798	0.404	ug/l	# 84
44) Trichloroethene	7.111	130	12191	5.274	ug/l	89
64) Tetrachloroethene	9.263	164	4538	2.414	ug/l	96

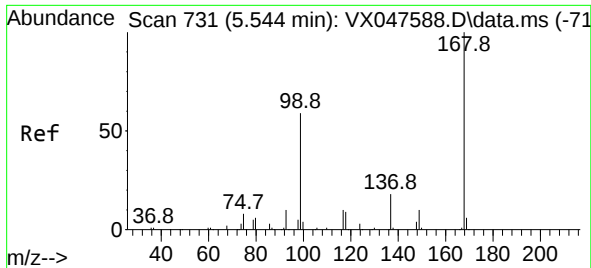
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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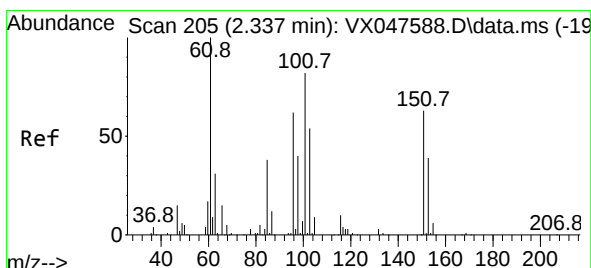
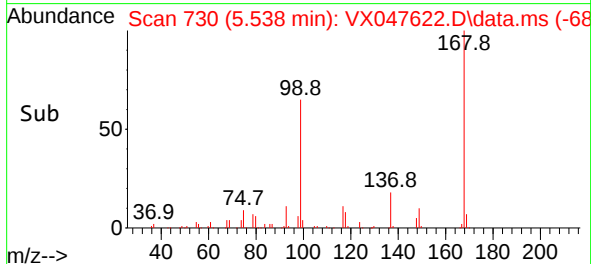
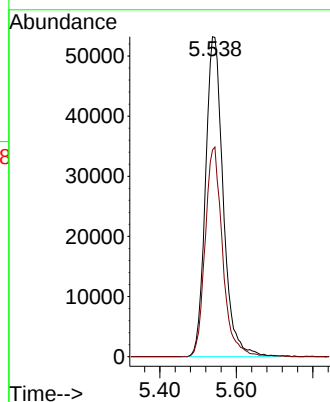
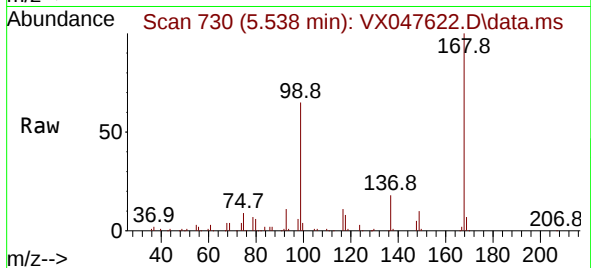




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047622.D
Acq: 17 Sep 2025 16:34

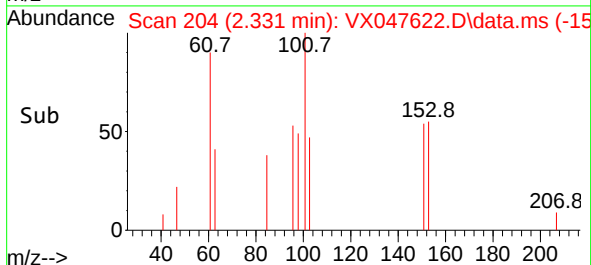
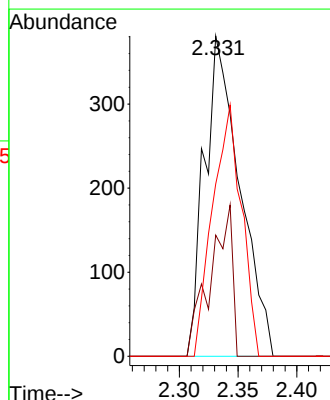
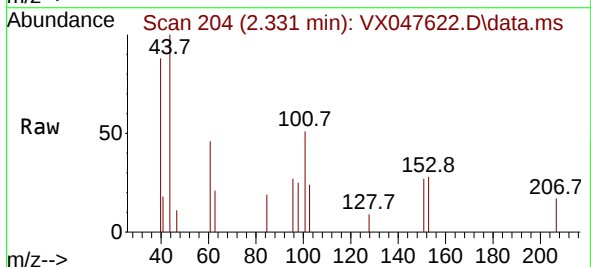
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

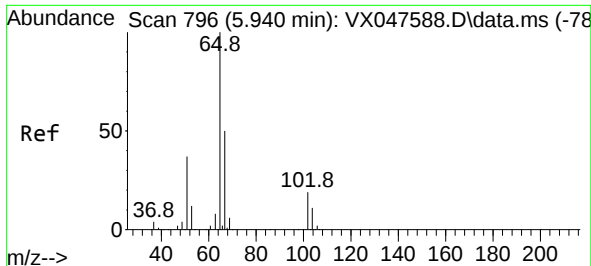
Tgt Ion:168 Resp: 170825
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.404 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047622.D
Acq: 17 Sep 2025 16:34

Tgt Ion:101 Resp: 798
Ion Ratio Lower Upper
101 100
85 29.7 35.5 53.3#
151 63.9 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 52.661 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047622.D

Acq: 17 Sep 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

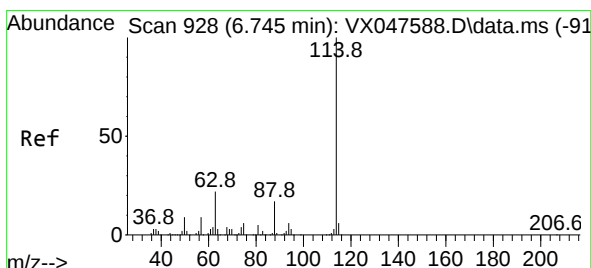
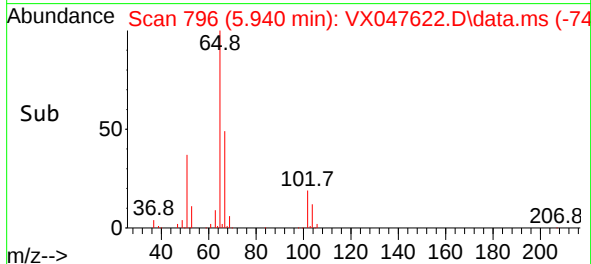
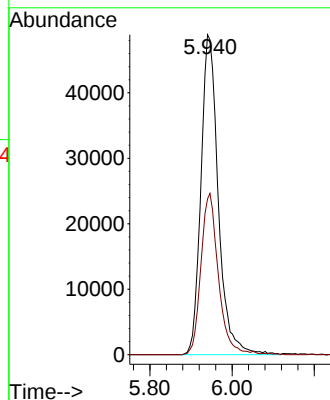
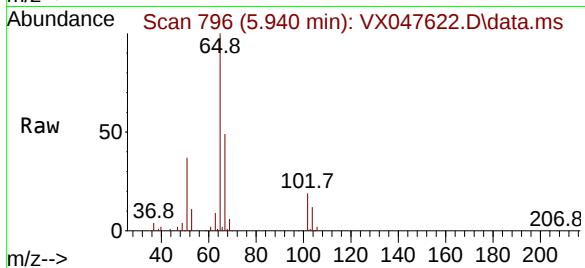
RE126D3-20250909

Tgt Ion: 65 Resp: 143191

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047622.D

Acq: 17 Sep 2025 16:34

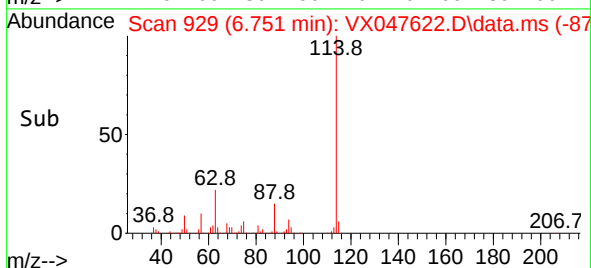
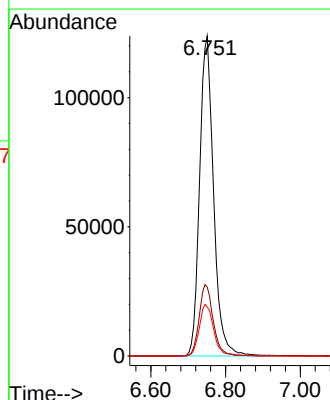
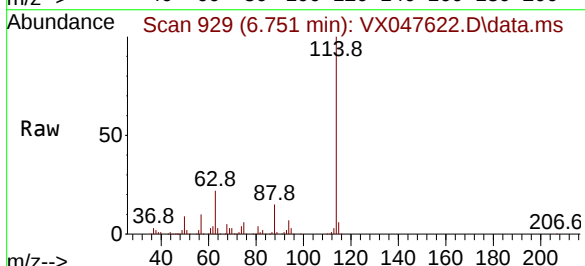
Tgt Ion: 114 Resp: 321222

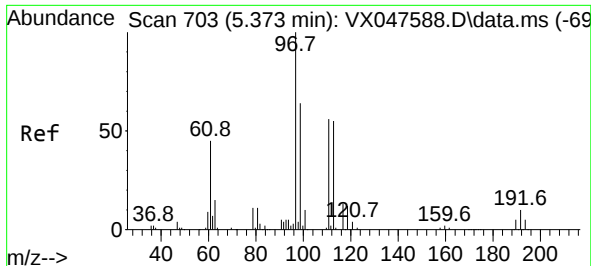
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 15.3 0.0 34.2

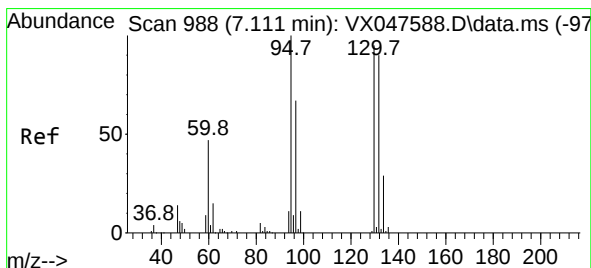
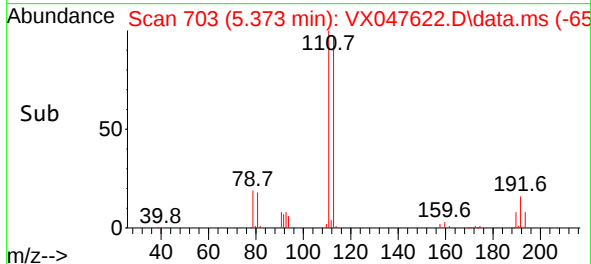
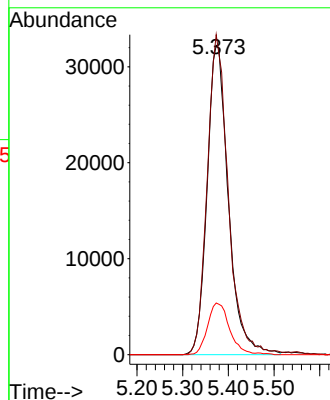
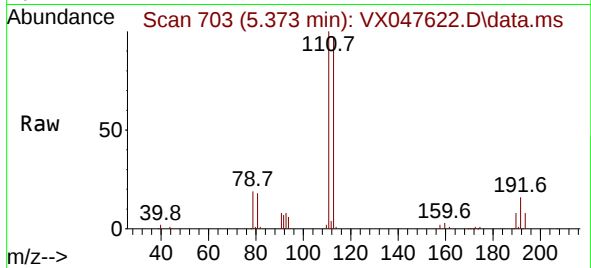




#35
 Dibromofluoromethane
 Concen: 48.493 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: VX047622.D
 Acq: 17 Sep 2025 16:34

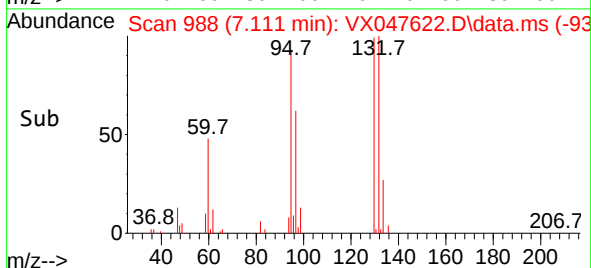
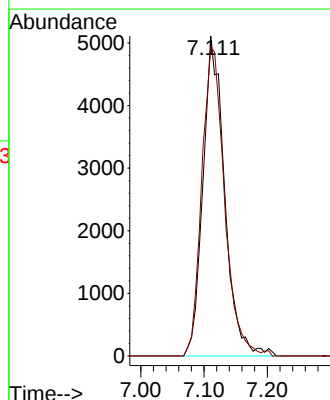
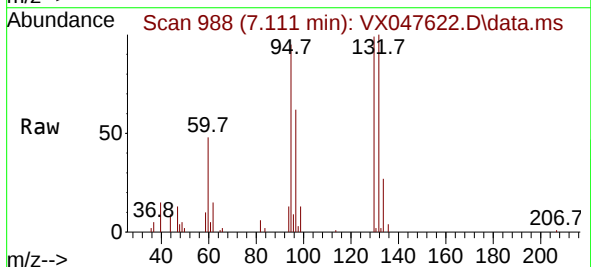
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20250909

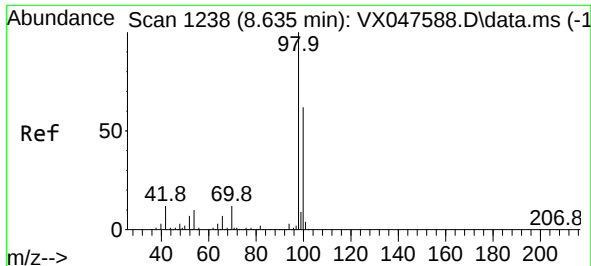
Tgt Ion:113 Resp: 104468
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.9 121.3
 192 17.1 14.2 21.4



#44
 Trichloroethene
 Concen: 5.274 ug/l
 RT: 7.111 min Scan# 988
 Delta R.T. 0.000 min
 Lab File: VX047622.D
 Acq: 17 Sep 2025 16:34

Tgt Ion:130 Resp: 12191
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 210.8

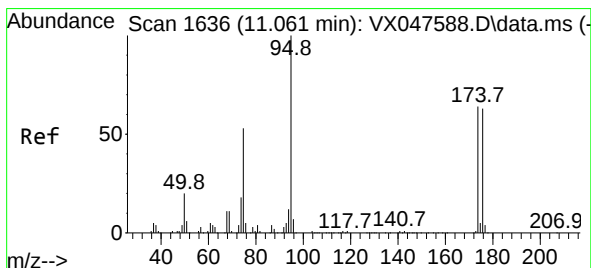
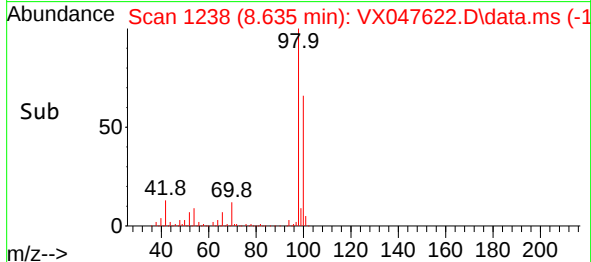
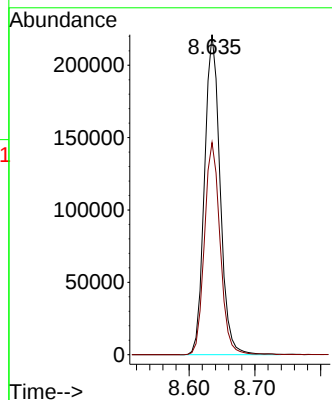
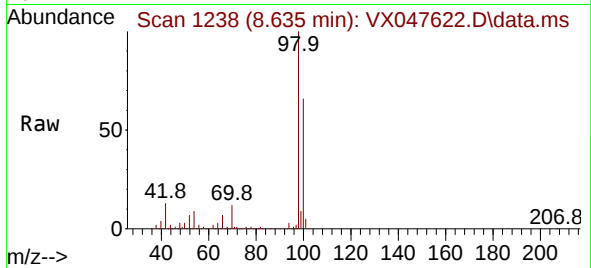




#50
Toluene-d8
Concen: 48.955 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047622.D
Acq: 17 Sep 2025 16:34

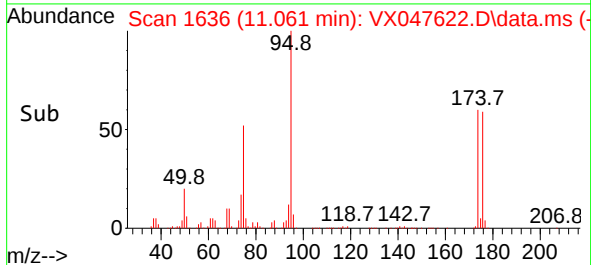
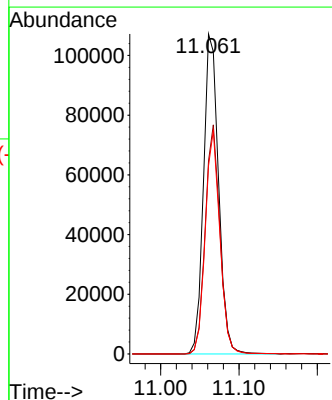
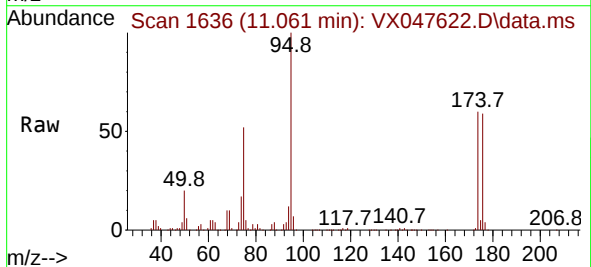
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20250909

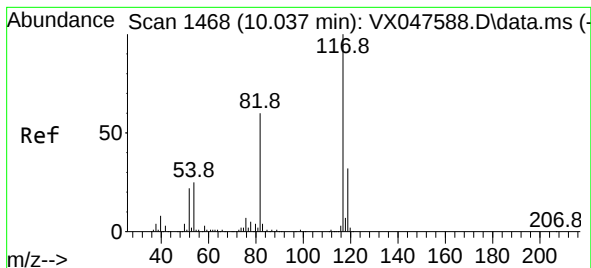
Tgt Ion: 98 Resp: 364924
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.561 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047622.D
Acq: 17 Sep 2025 16:34

Tgt Ion: 95 Resp: 143039
Ion Ratio Lower Upper
95 100
174 69.9 0.0 141.6
176 67.6 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: VX047622.D

Acq: 17 Sep 2025 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-20250909

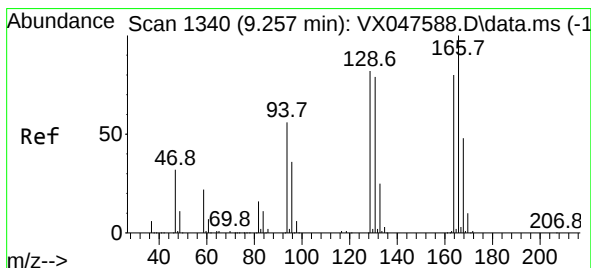
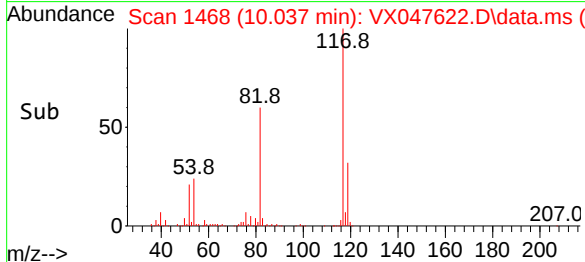
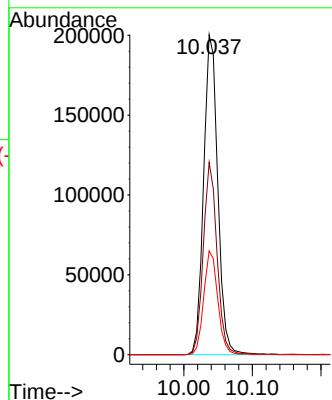
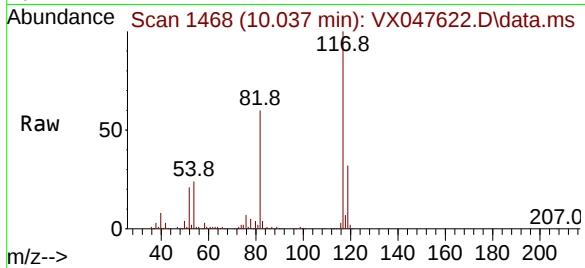
Tgt Ion:117 Resp: 288338

Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.6

119 32.5 25.2 37.8



#64

Tetrachloroethene

Concen: 2.414 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047622.D

Acq: 17 Sep 2025 16:34

Tgt Ion:164 Resp: 4538

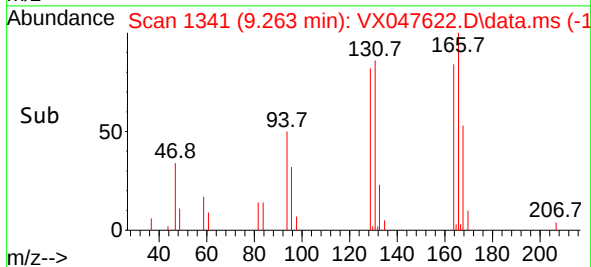
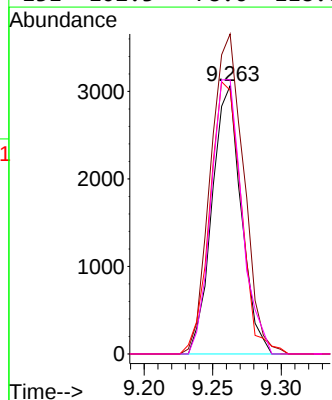
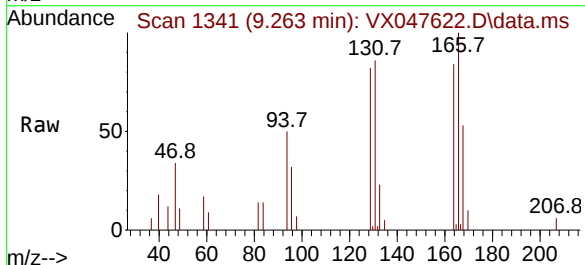
Ion Ratio Lower Upper

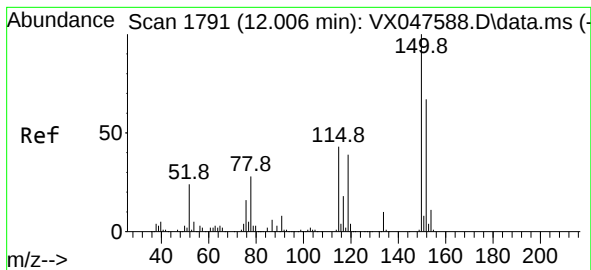
164 100

166 119.4 100.2 150.2

129 98.4 81.8 122.6

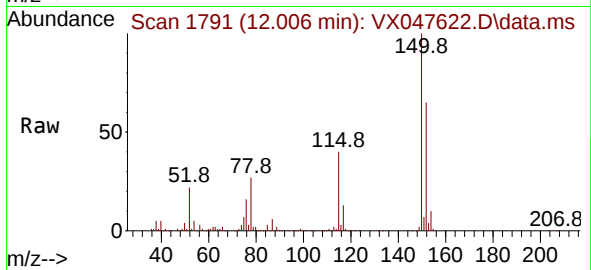
131 102.3 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047622.D
 Acq: 17 Sep 2025 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20250909



Tgt Ion:152 Resp: 140677
 Ion Ratio Lower Upper
 152 100
 115 63.4 44.9 134.5
 150 157.3 0.0 352.0

