

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047607.D
 Acq On : 17 Sep 2025 11:18
 Operator : JC/MD
 Sample : Q3095-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW305I-20250908

Quant Time: Sep 18 02:01:34 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)

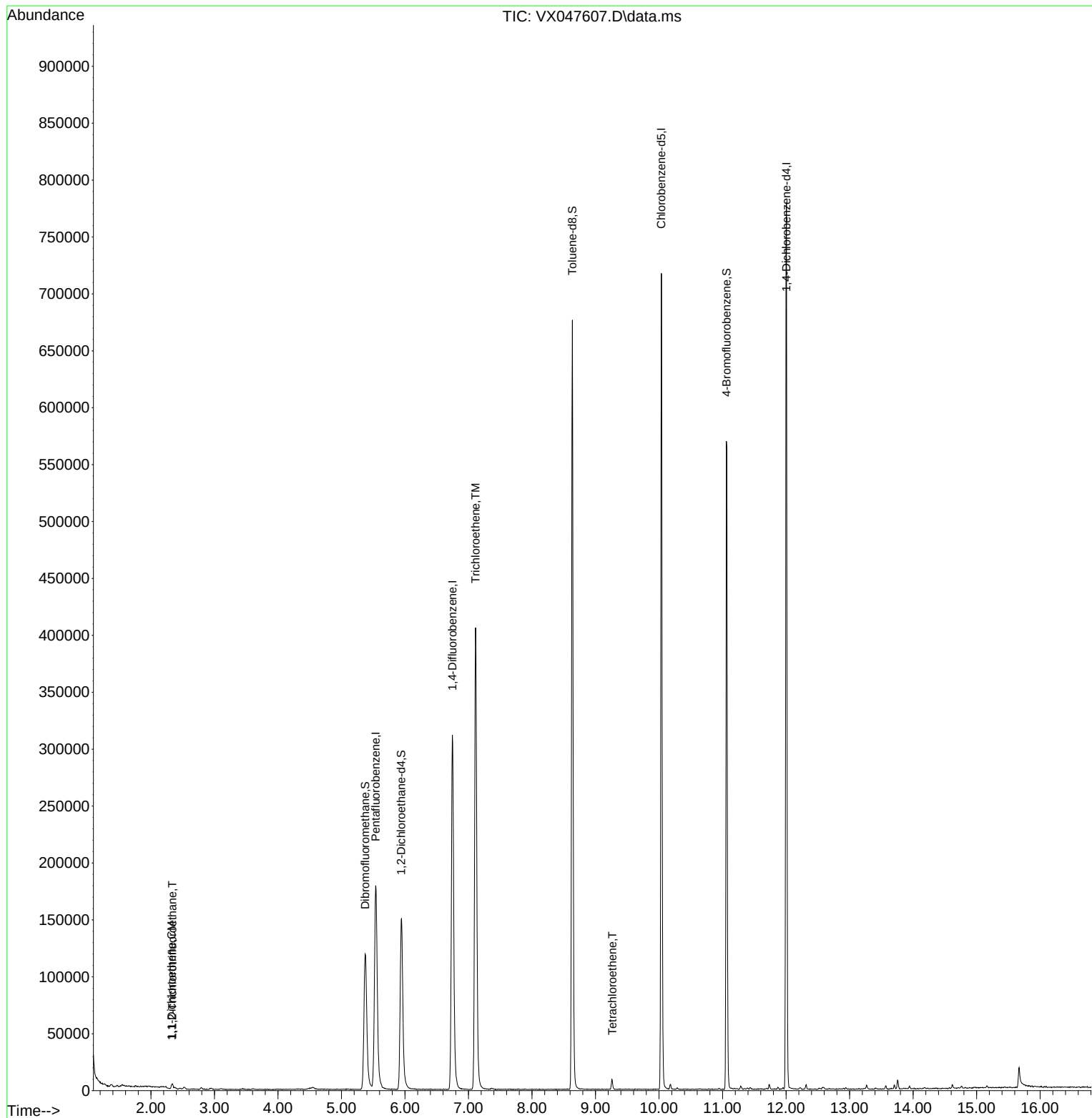
Internal Standards						
1) Pentafluorobenzene	5.538	168	179671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	340919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	319888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	165030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	165402	57.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.660%
35) Dibromofluoromethane	5.373	113	117297	51.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	8.635	98	406139	51.336	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.680%
62) 4-Bromofluorobenzene	11.061	95	166536	55.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.940%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1399	0.673	ug/l	96
12) 1,1-Dichloroethene	2.325	96	893	0.418	ug/l #	85
44) Trichloroethene	7.111	130	168949	68.867	ug/l	99
64) Tetrachloroethene	9.263	164	1622	0.778	ug/l	95

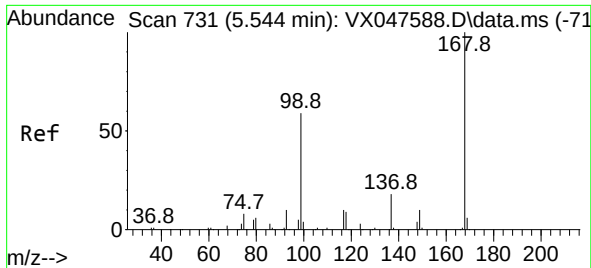
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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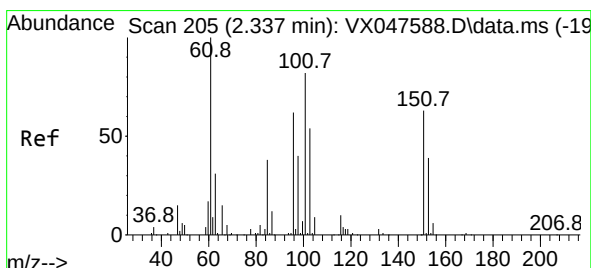
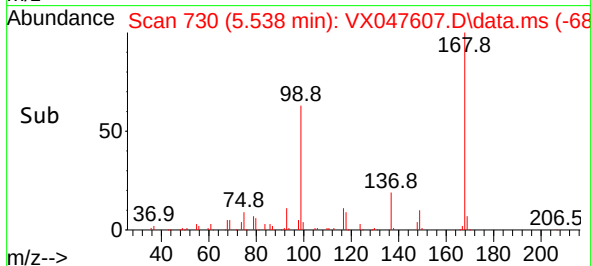
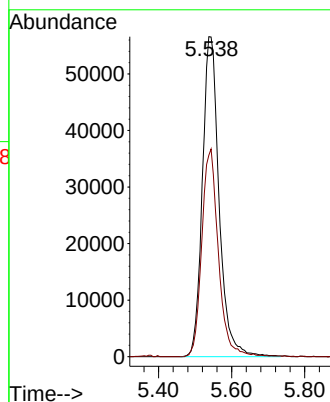
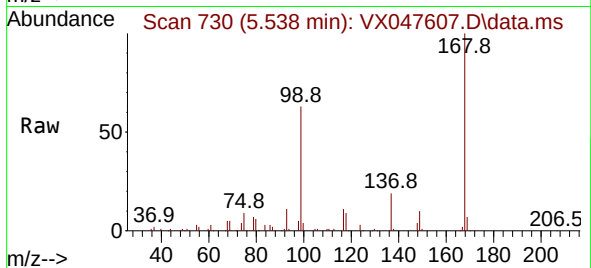




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

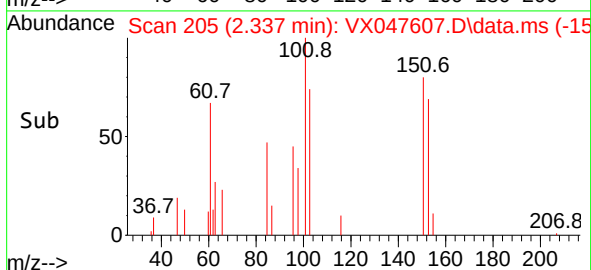
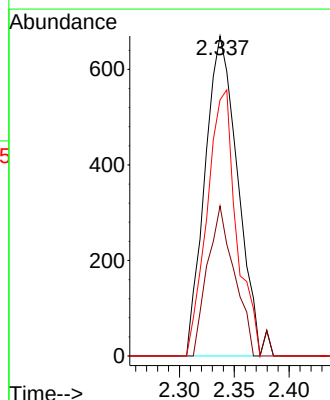
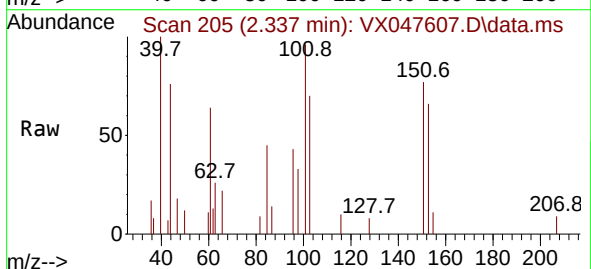
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

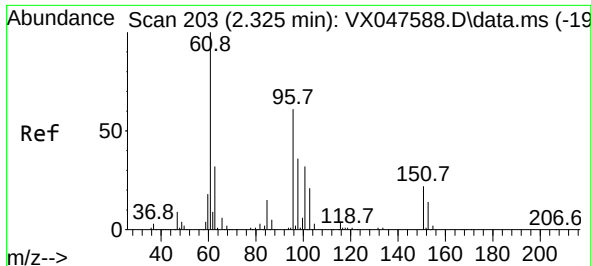
Tgt Ion:168 Resp: 179671
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.673 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:101 Resp: 1399
Ion Ratio Lower Upper
101 100
85 38.4 35.5 53.3
151 74.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.418 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047607.D

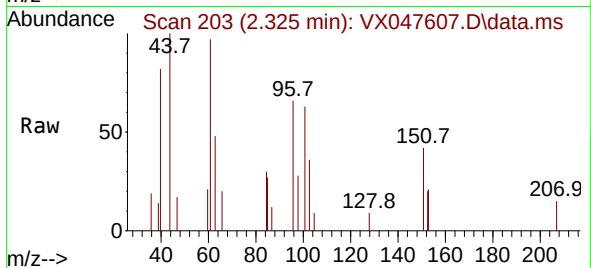
Acq: 17 Sep 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

MW305I-20250908



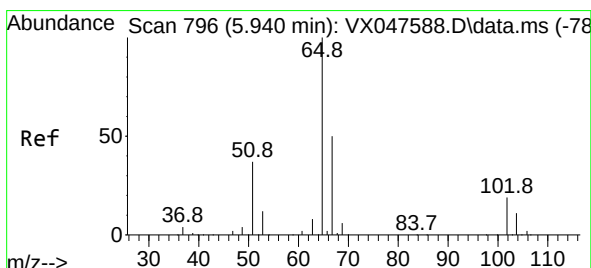
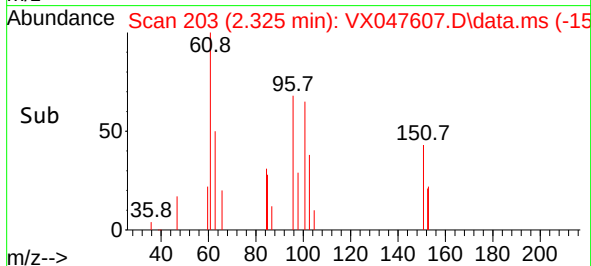
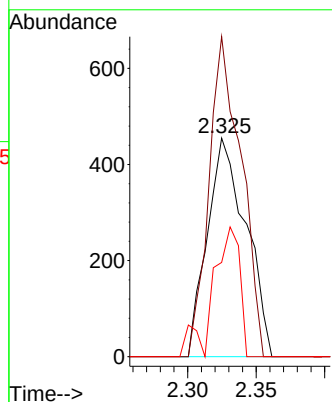
Tgt Ion: 96 Resp: 893

Ion Ratio Lower Upper

96 100

61 146.4 131.0 196.6

98 43.1 47.7 71.5#



#33

1,2-Dichloroethane-d4

Concen: 57.835 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047607.D

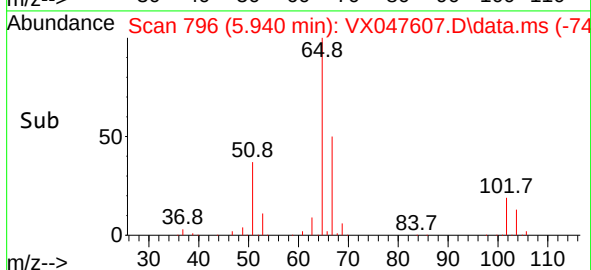
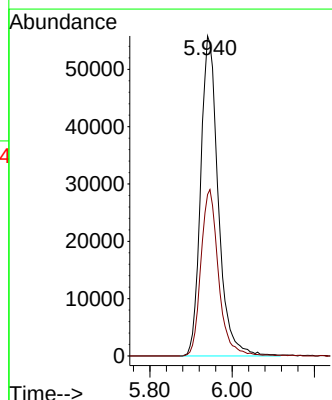
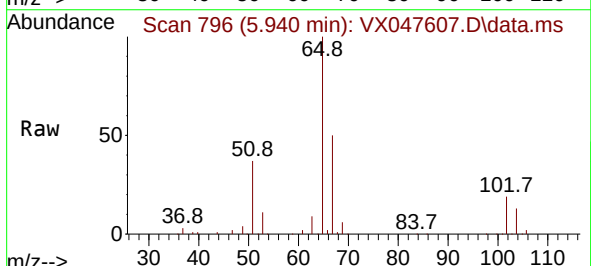
Acq: 17 Sep 2025 11:18

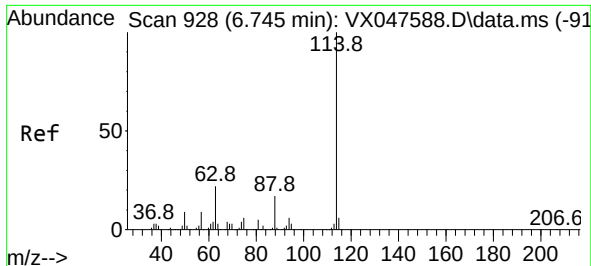
Tgt Ion: 65 Resp: 165402

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0

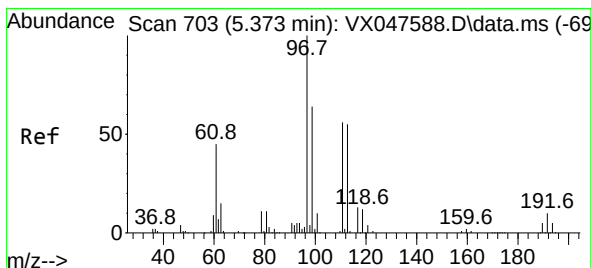
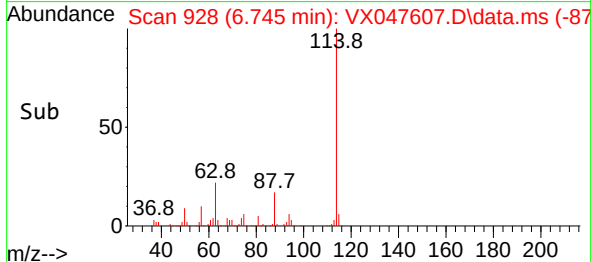
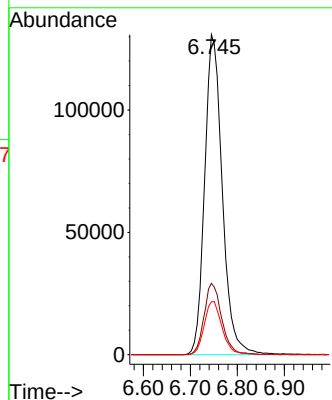
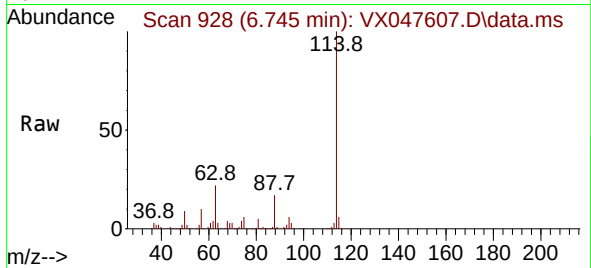




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

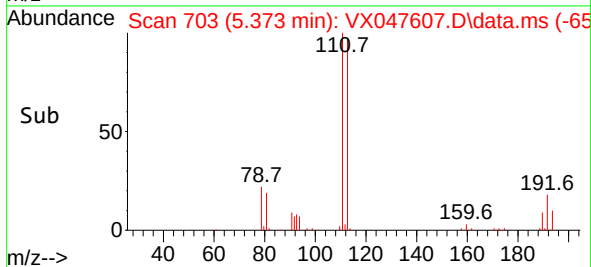
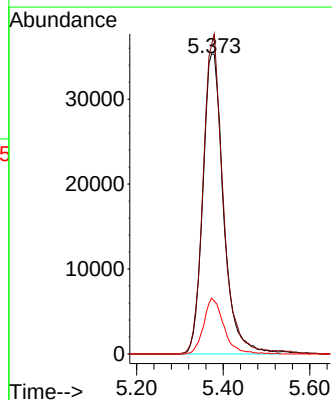
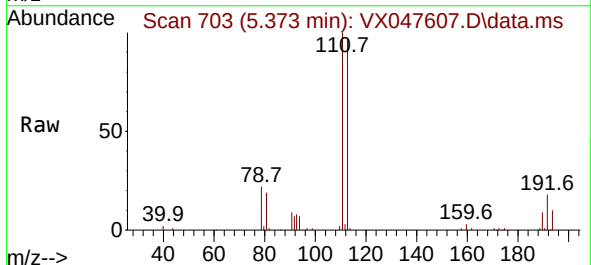
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

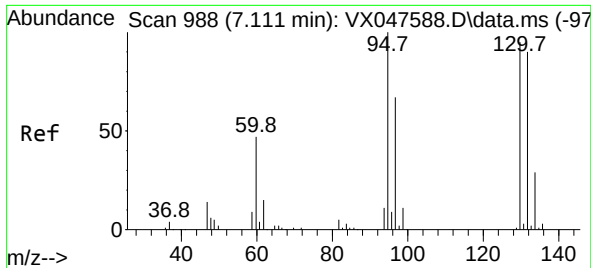
Tgt Ion:114 Resp: 340919
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:113 Resp: 117297
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4

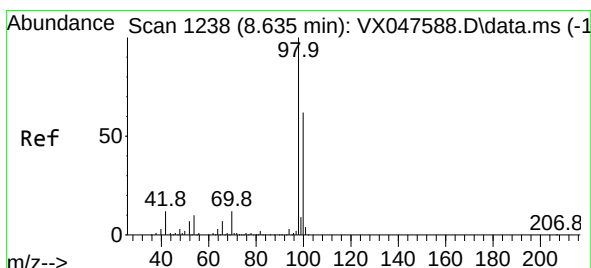
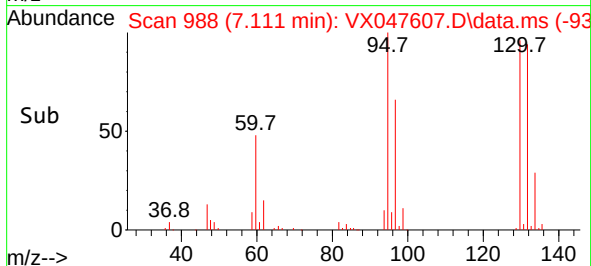
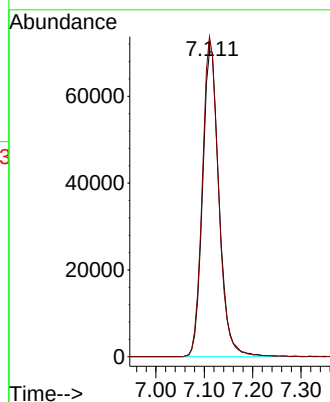
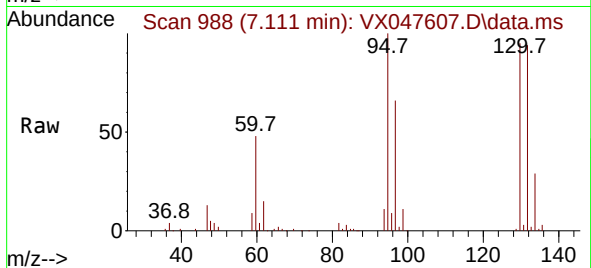




#44
Trichloroethene
Concen: 68.867 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

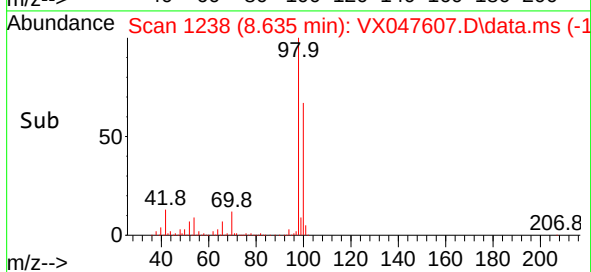
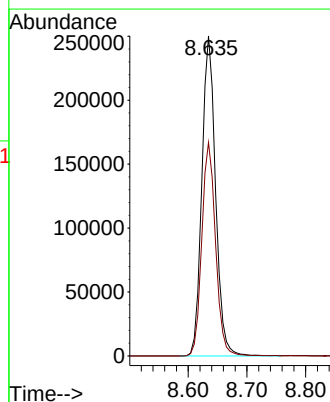
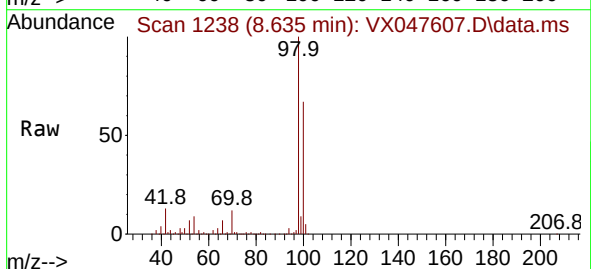
Instrument :
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ClientSampleId :
MW305I-20250908

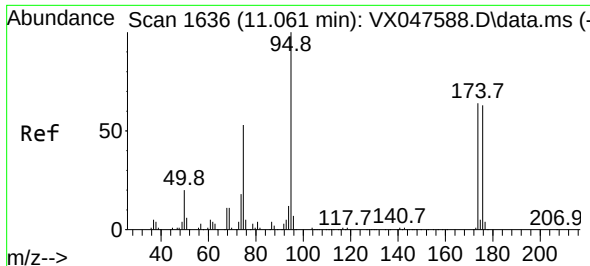
Tgt Ion:130 Resp: 168949
Ion Ratio Lower Upper
130 100
95 104.8 0.0 210.8



#50
Toluene-d8
Concen: 51.336 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 98 Resp: 406139
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

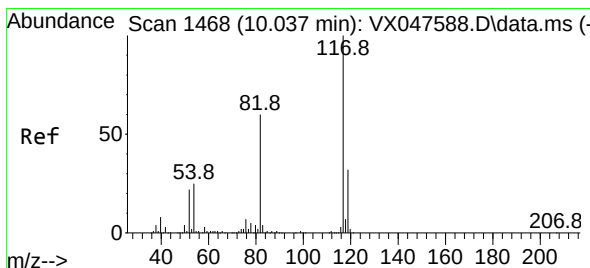
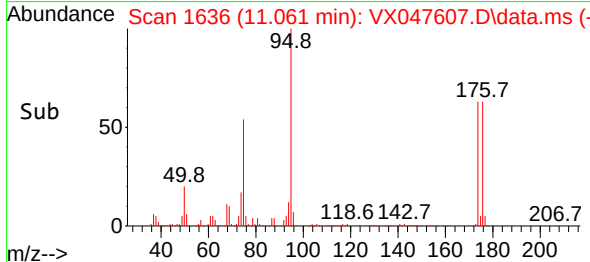
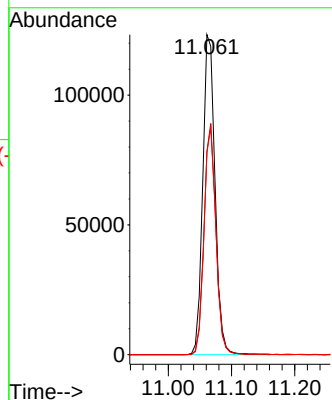
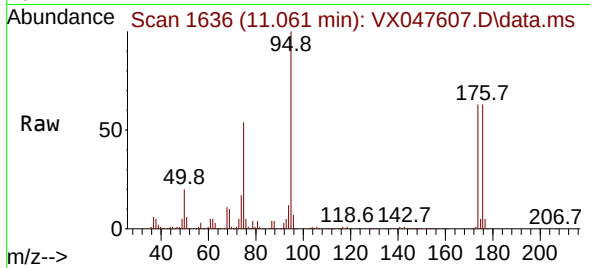




#62
4-Bromofluorobenzene
Concen: 55.466 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

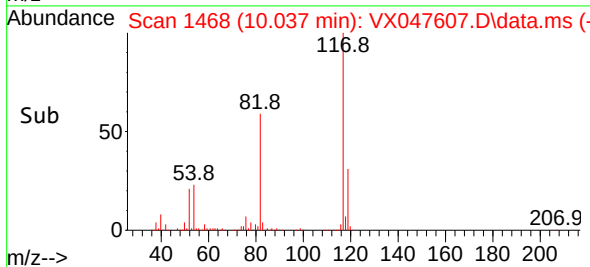
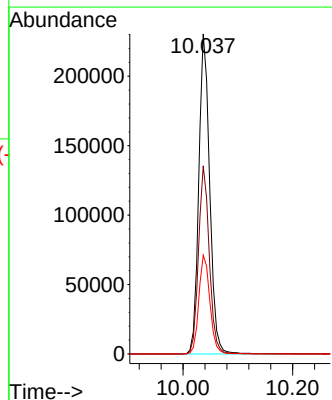
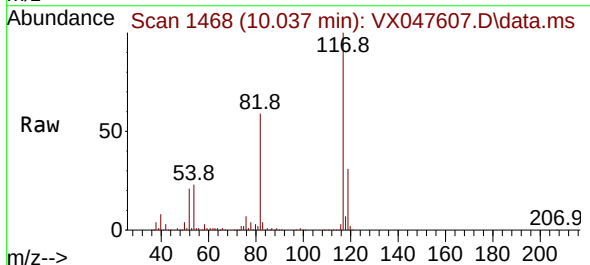
Instrument :
MSVOA_X
ClientSampleId :
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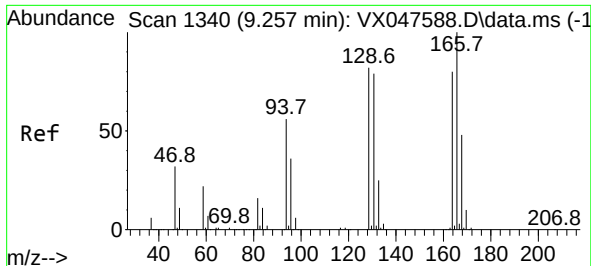
Tgt Ion: 95 Resp: 166536
Ion Ratio Lower Upper
95 100
174 70.1 0.0 141.6
176 68.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 117 Resp: 319888
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 30.9 25.2 37.8

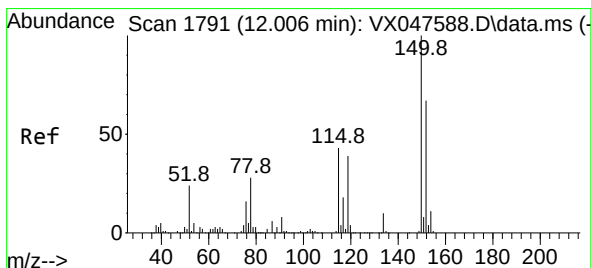
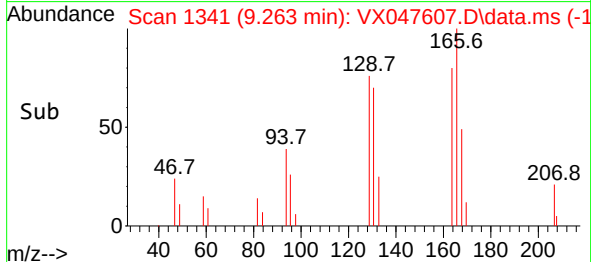
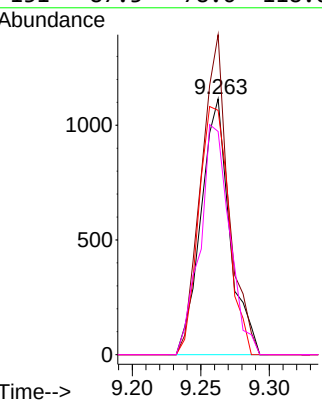
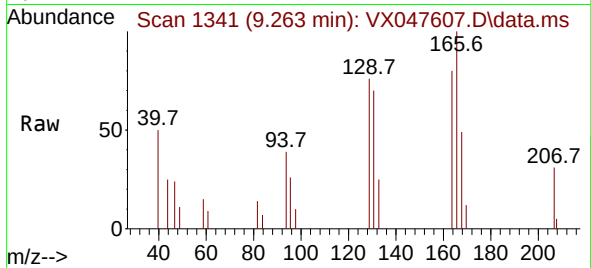




#64
Tetrachloroethene
Concen: 0.778 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

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ClientSampleId :
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Tgt Ion:164	Resp:	1622
Ion	Ratio	Lower Upper
164	100	
166	125.1	100.2 150.2
129	95.5	81.8 122.6
131	87.3	78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:152	Resp:	165030
Ion	Ratio	Lower Upper
152	100	
115	62.9	44.9 134.5
150	155.5	0.0 352.0

