

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047760.D
 Acq On : 24 Sep 2025 08:22
 Operator : JC/MD
 Sample : Q3141-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-100-102

Quant Time: Sep 24 08:43:27 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)

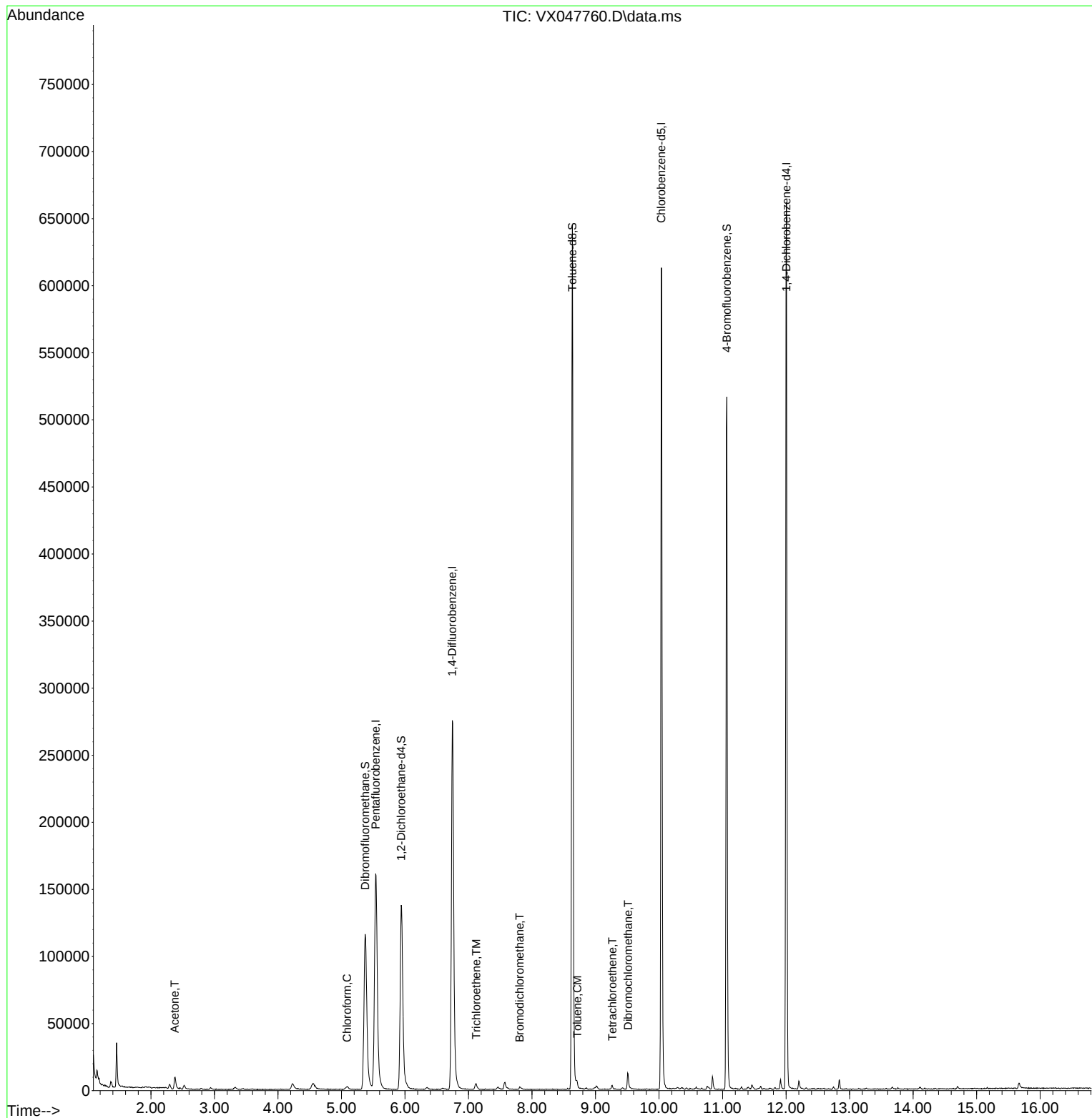
Internal Standards						
1) Pentafluorobenzene	5.537	168	165497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	300349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	149951	56.923	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.840%	
35) Dibromofluoromethane	5.373	113	113994	56.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.180%	
50) Toluene-d8	8.634	98	383307	54.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.980%	
62) 4-Bromofluorobenzene	11.067	95	148783	56.246	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.500%	
Target Compounds						
						Qvalue
16) Acetone	2.373	43	12472	10.889	ug/l	99
30) Chloroform	5.086	83	2823	0.668	ug/l	95
44) Trichloroethene	7.123	130	2022	0.936	ug/l	88
47) Bromodichloromethane	7.805	83	1217	0.354	ug/l #	94
52) Toluene	8.714	92	1845	0.335	ug/l	98
60) Dibromochloromethane	9.512	129	1095	0.447	ug/l	96
64) Tetrachloroethene	9.262	164	474	0.263	ug/l #	87

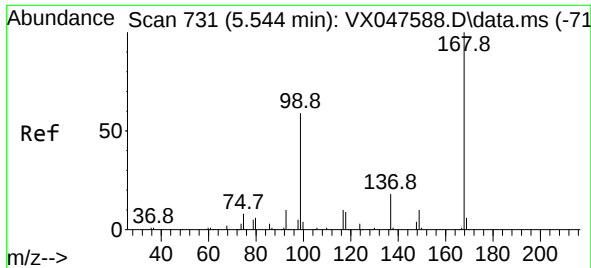
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-184-GW-100-102

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Response via : Initial Calibration

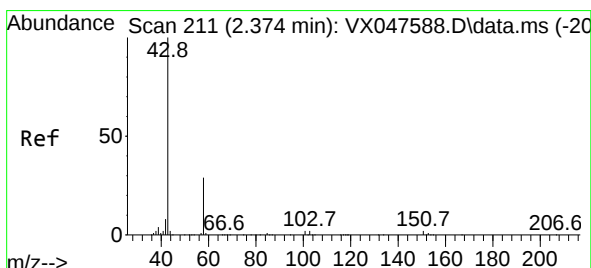
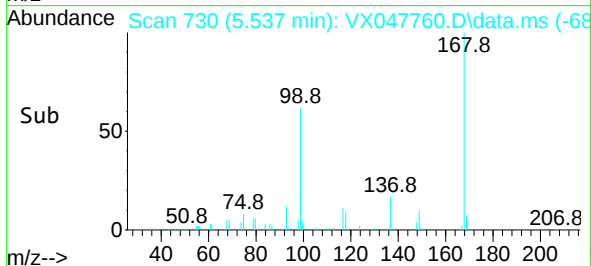
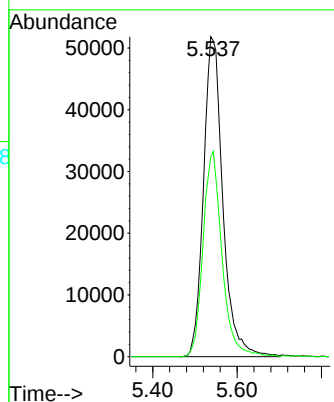
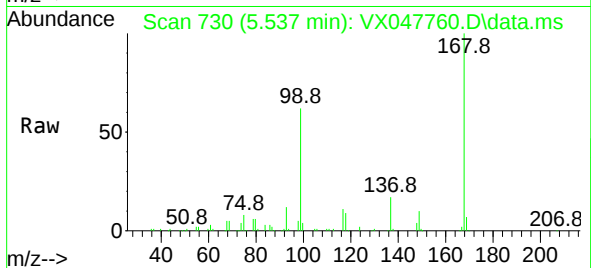




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

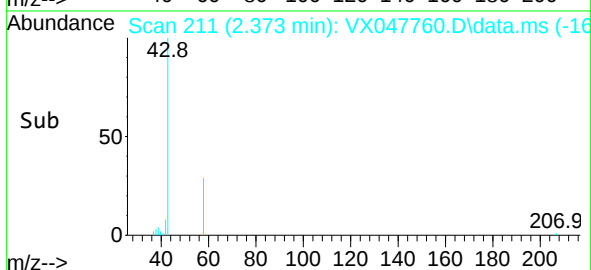
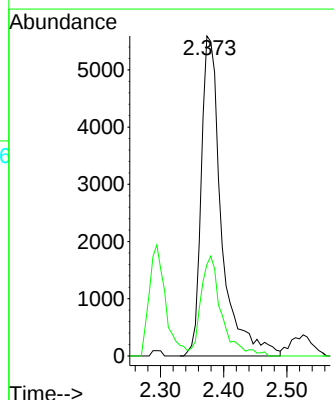
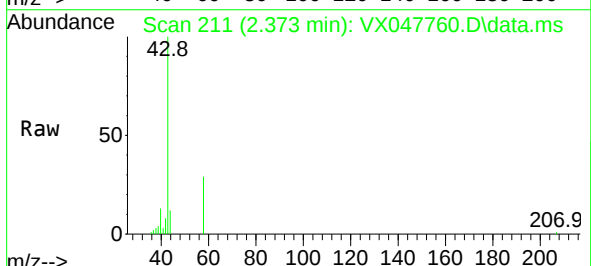
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

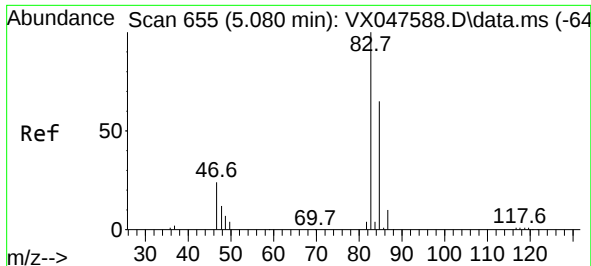
Tgt Ion:168 Resp: 165497
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#16
Acetone
Concen: 10.889 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

Tgt Ion: 43 Resp: 12472
Ion Ratio Lower Upper
43 100
58 28.6 23.4 35.0





#30

Chloroform

Concen: 0.668 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX047760.D

Acq: 24 Sep 2025 08:22

Instrument :

MSVOA_X

ClientSampleId :

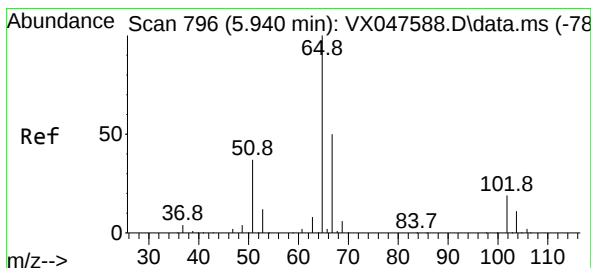
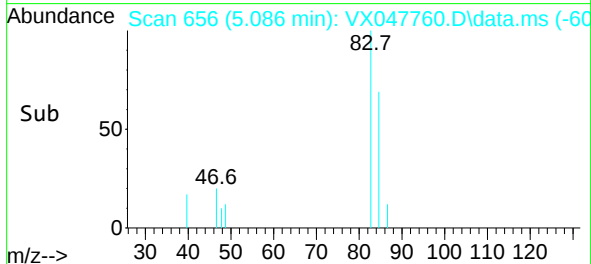
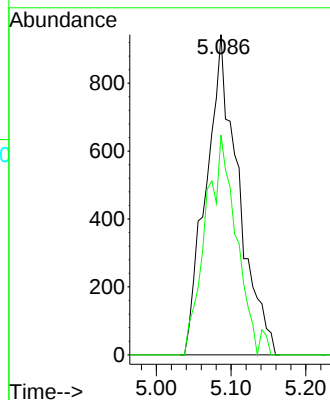
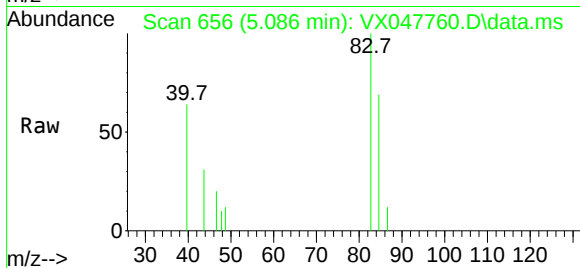
BP-VPB-184-GW-100-102

Tgt Ion: 83 Resp: 2823

Ion Ratio Lower Upper

83 100

85 68.6 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 56.923 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047760.D

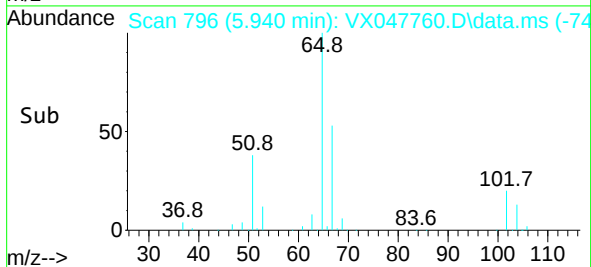
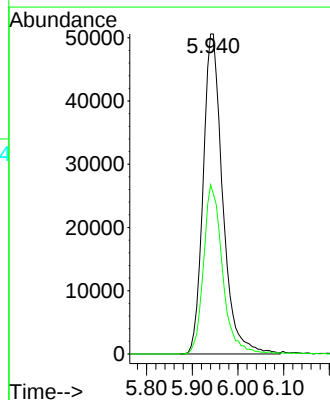
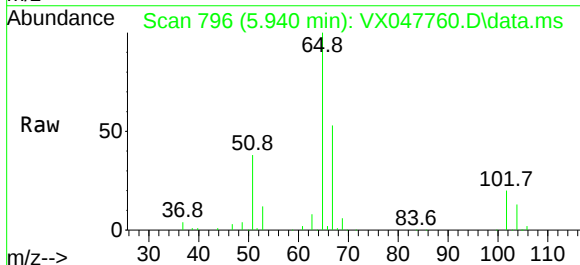
Acq: 24 Sep 2025 08:22

Tgt Ion: 65 Resp: 149951

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0

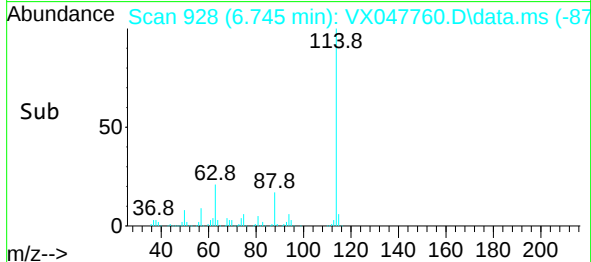
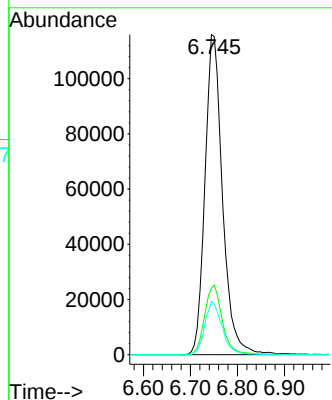
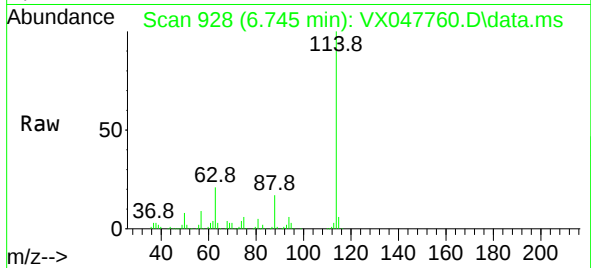




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

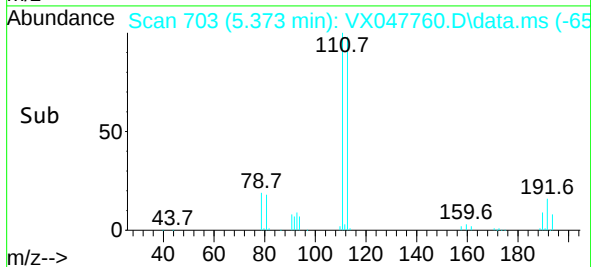
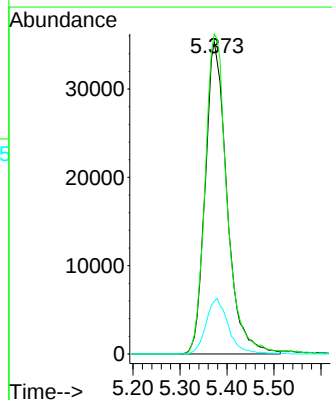
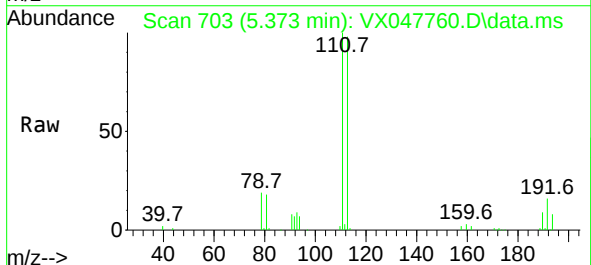
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

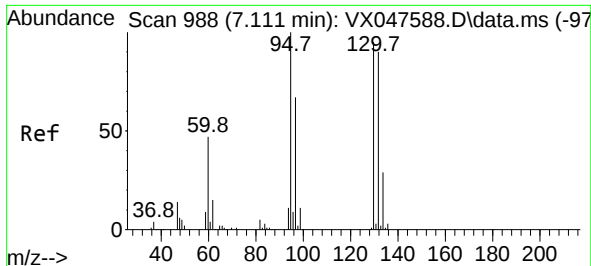
Tgt Ion:114 Resp: 300349
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.592 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

Tgt Ion:113 Resp: 113994
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 18.1 14.2 21.4

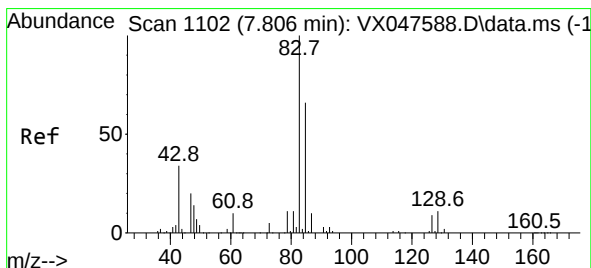
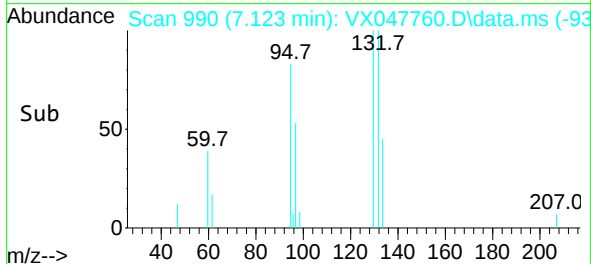
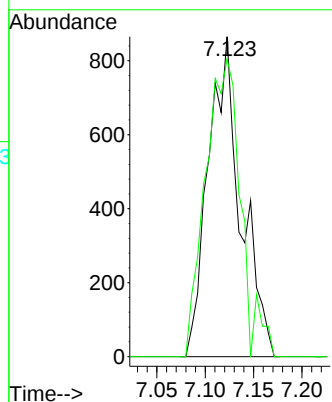
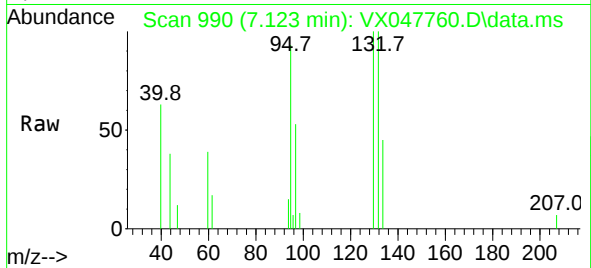




#44
Trichloroethene
Concen: 0.936 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

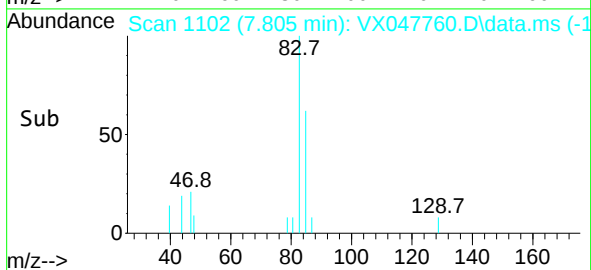
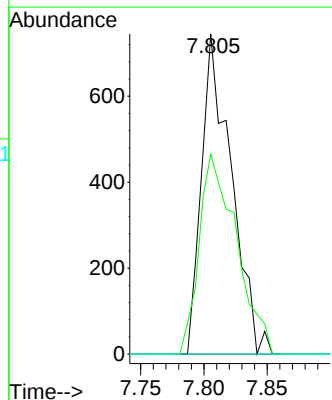
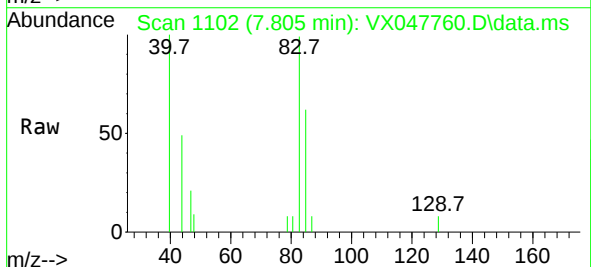
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

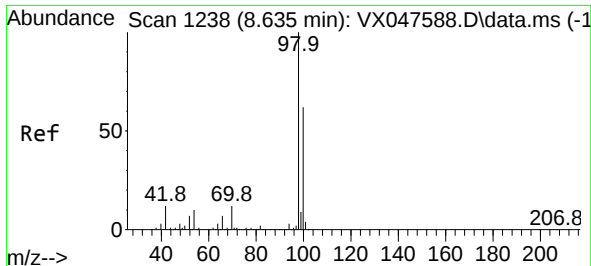
Tgt Ion:130 Resp: 2022
Ion Ratio Lower Upper
130 100
95 93.1 0.0 210.8



#47
Bromodichloromethane
Concen: 0.354 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

Tgt Ion: 83 Resp: 1217
Ion Ratio Lower Upper
83 100
85 62.4 52.5 78.7
127 0.0 6.9 10.3#

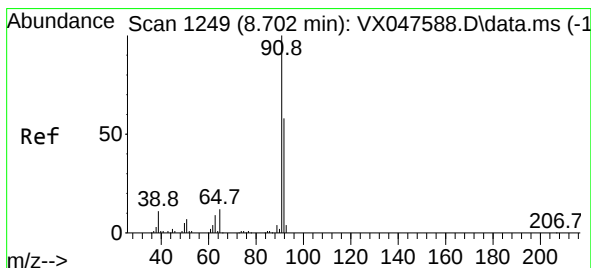
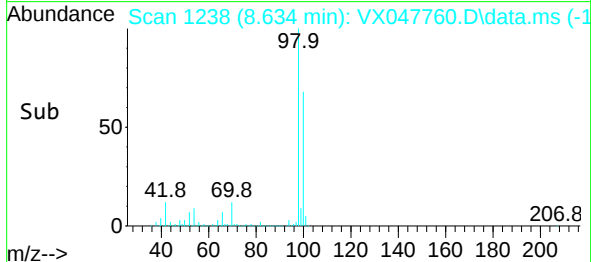
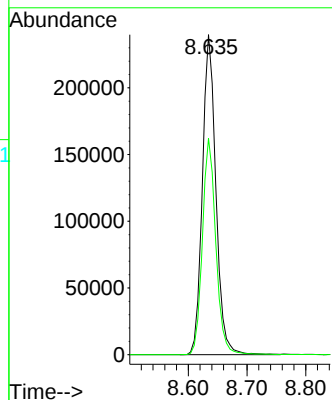
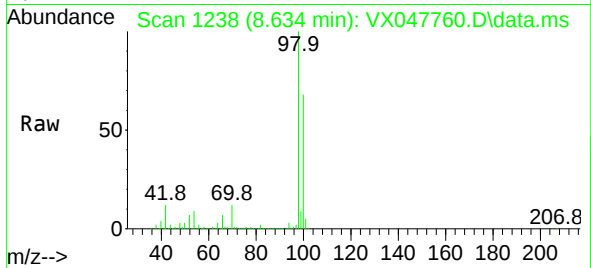




#50
Toluene-d8
Concen: 54.995 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

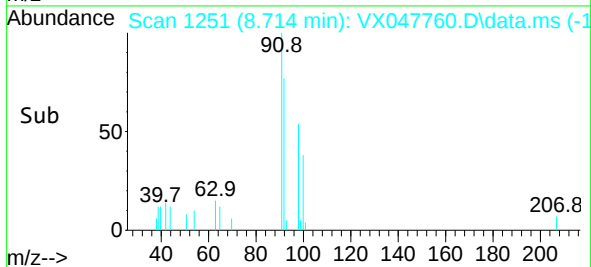
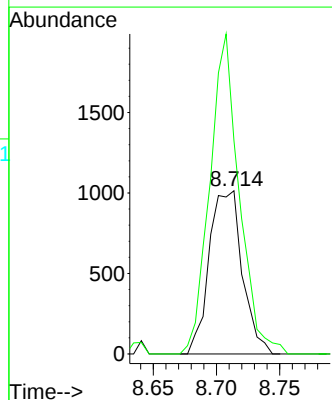
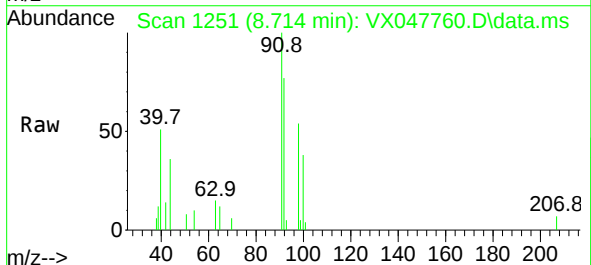
Instrument :
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ClientSampleId :
BP-VPB-184-GW-100-102

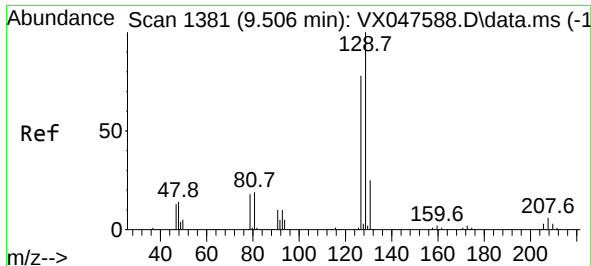
Tgt Ion: 98 Resp: 383307
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#52
Toluene
Concen: 0.335 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.012 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

Tgt Ion: 92 Resp: 1845
Ion Ratio Lower Upper
92 100
91 174.4 137.1 205.7

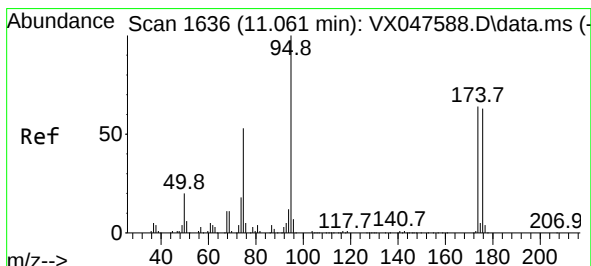
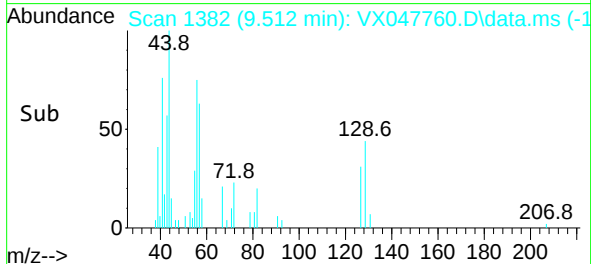
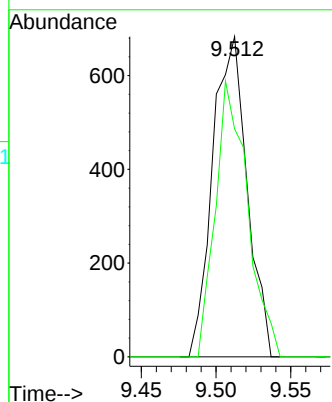
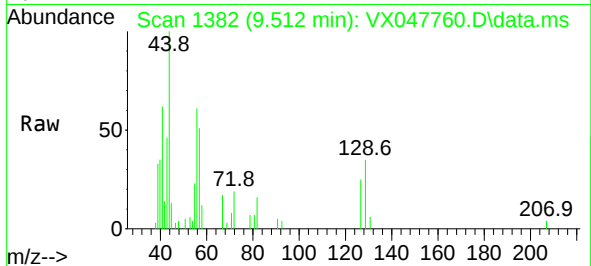




#60
Dibromochloromethane
Concen: 0.447 ug/l
RT: 9.512 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

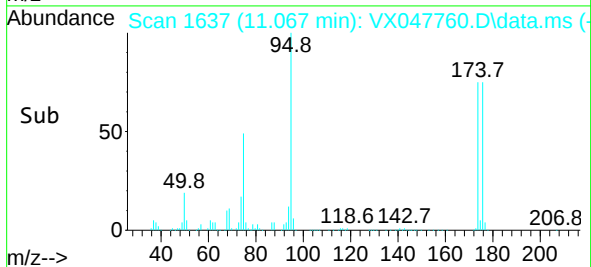
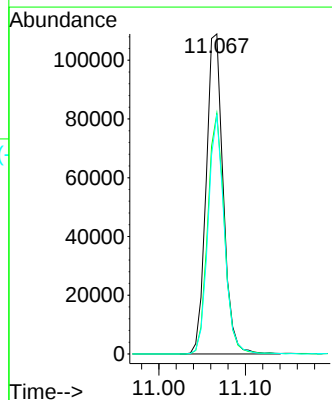
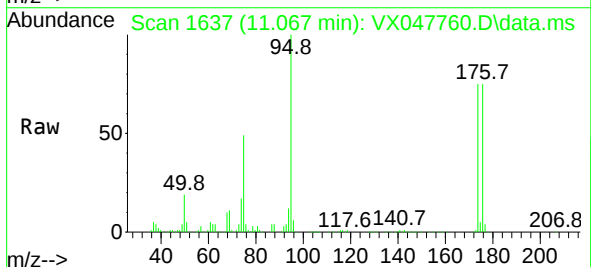
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-100-102

Tgt Ion:129 Resp: 1095
Ion Ratio Lower Upper
129 100
127 80.3 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 56.246 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047760.D
Acq: 24 Sep 2025 08:22

Tgt Ion: 95 Resp: 148783
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.8 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: VX047760.D

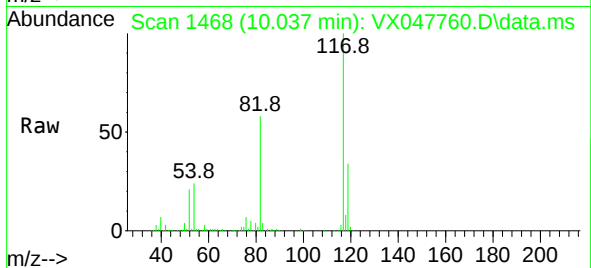
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-100-102



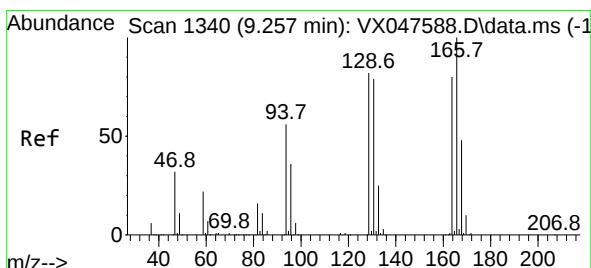
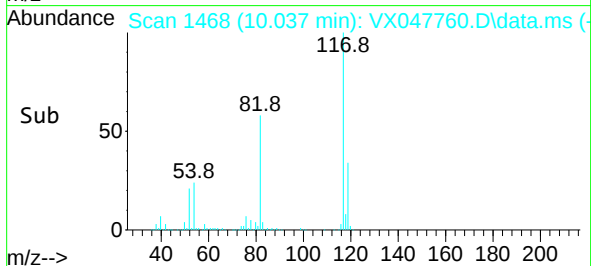
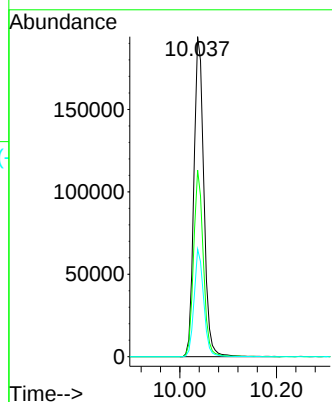
Tgt Ion:117 Resp: 276860

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.6

119 33.6 25.2 37.8



#64

Tetrachloroethene

Concen: 0.263 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047760.D

Acq: 24 Sep 2025 08:22

Tgt Ion:164 Resp: 474

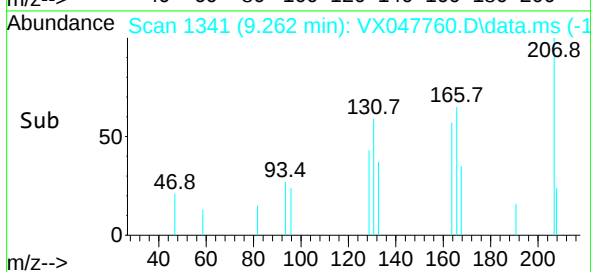
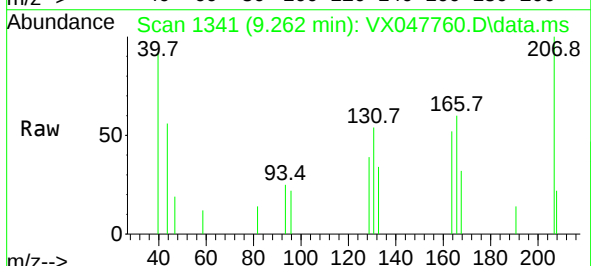
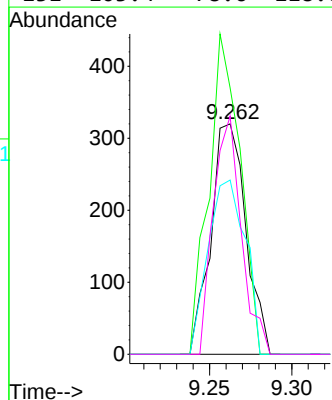
Ion Ratio Lower Upper

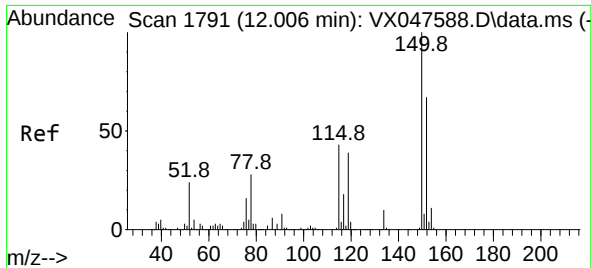
164 100

166 115.6 100.2 150.2

129 75.6 81.8 122.6#

131 103.4 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: VX047760.D

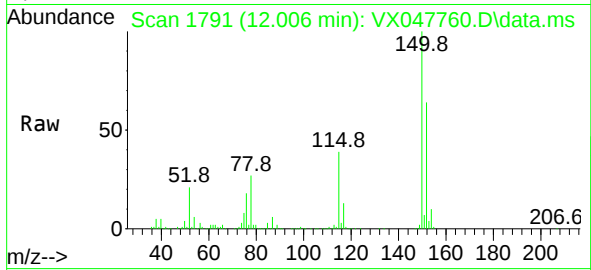
Acq: 24 Sep 2025 08:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-100-102



Tgt Ion:152 Resp: 136496

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 159.0 0.0 352.0

