

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047734.D
 Acq On : 23 Sep 2025 15:31
 Operator : JC/MD
 Sample : Q3141-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-220-222

Quant Time: Sep 24 01:34:35 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	147065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	305643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	308233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	157643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	118726	50.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.440%
35) Dibromofluoromethane	5.373	113	97992	47.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	8.635	98	338041	47.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.320%
62) 4-Bromofluorobenzene	11.061	95	145273	53.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.940%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue

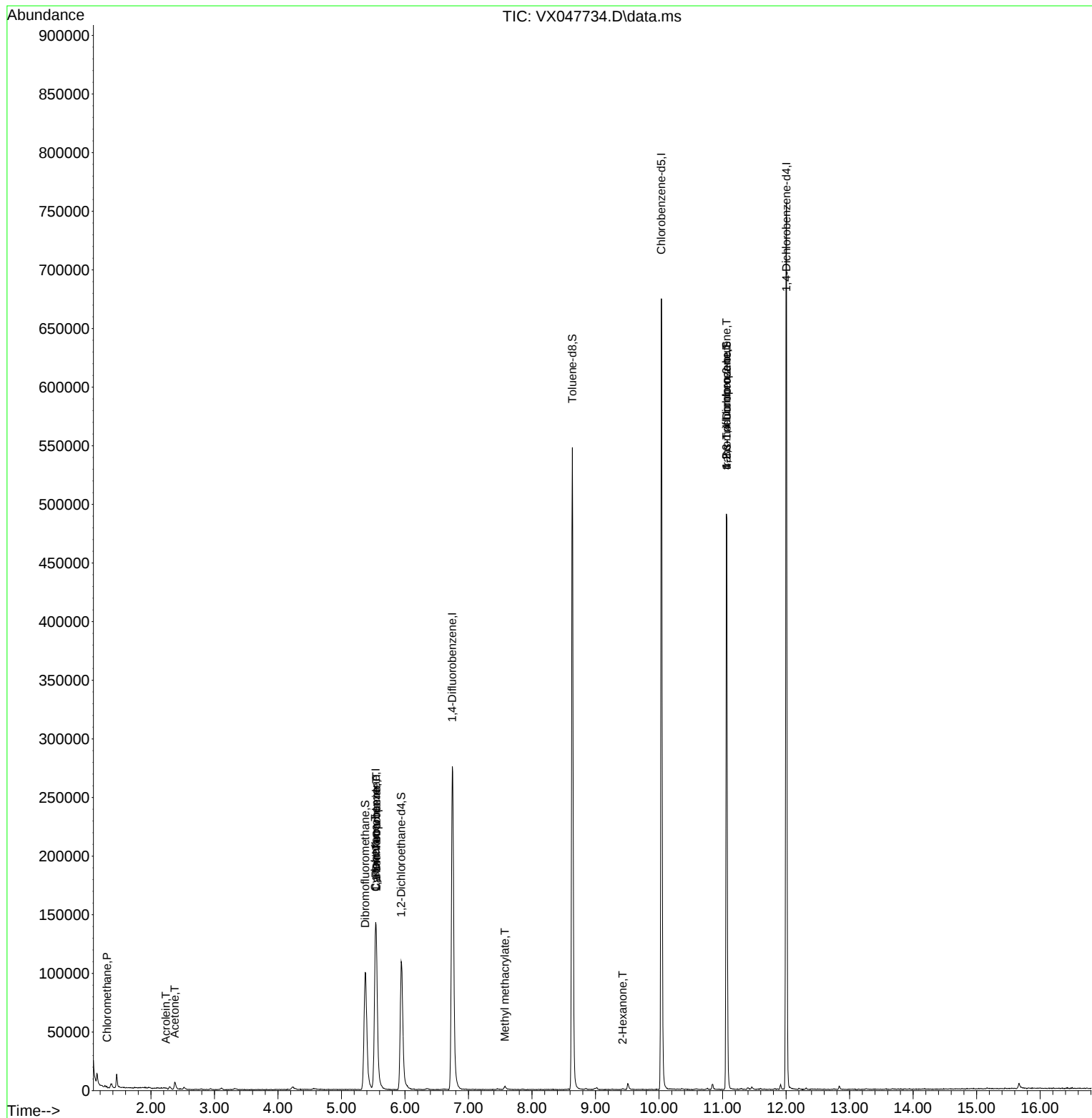
3) Chloromethane	1.307	50	727	0.363	ug/l	98
13) Acrolein	2.233	56	174	0.724	ug/l #	45
16) Acetone	2.374	43	7912	7.773	ug/l	96
31) Cyclohexane	5.532	56	2888	0.934	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	12170	4.063	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16013	4.920	ug/l #	18
48) Methyl methacrylate	7.574	41	1160	0.443	ug/l #	43
59) 2-Hexanone	9.427	43	481	0.230	ug/l #	57
76) 1,2,3-Trichloropropane	11.061	75	73527	23.036	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	73527	58.746	ug/l #	8

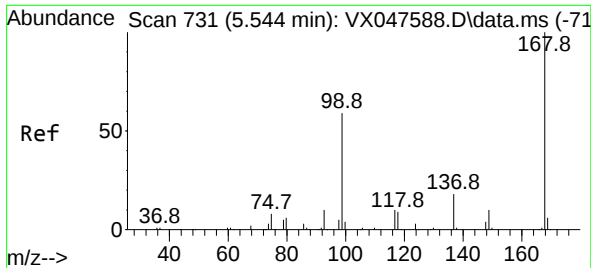
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
Data File : VX047734.D
Acq On : 23 Sep 2025 15:31
Operator : JC/MD
Sample : Q3141-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

Quant Time: Sep 24 01:34:35 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

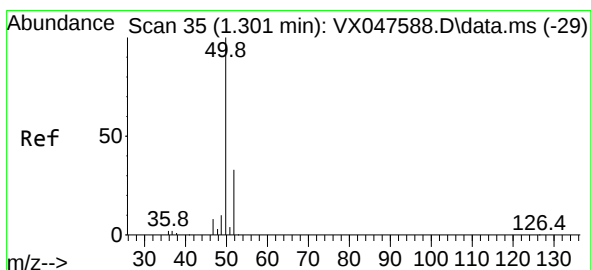
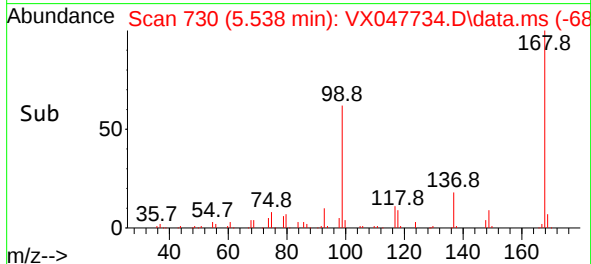
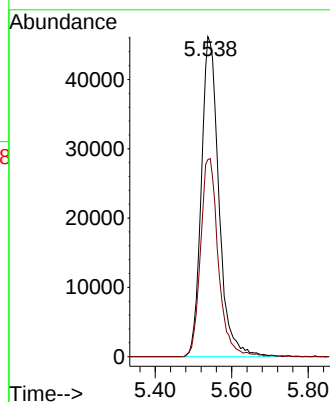
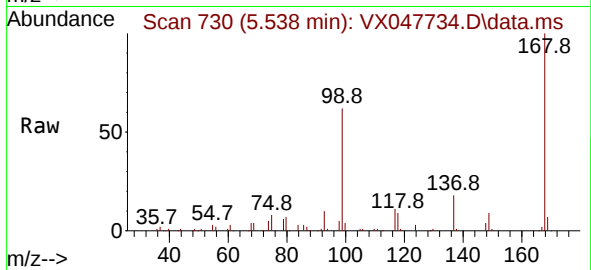




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

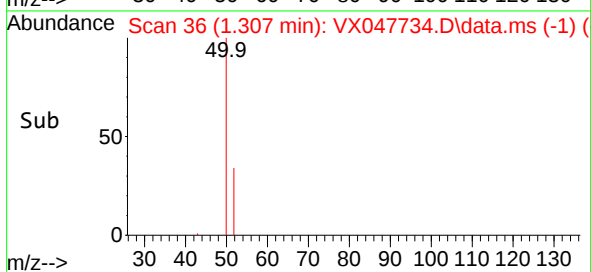
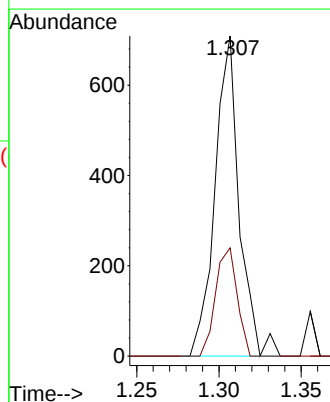
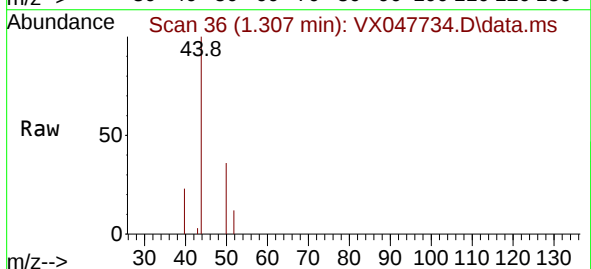
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

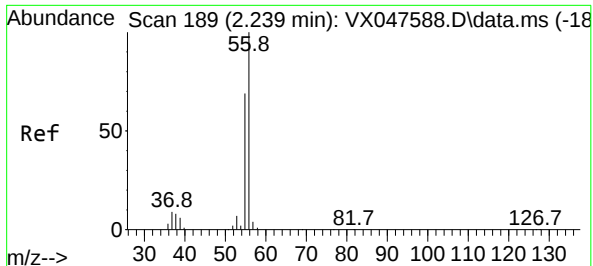
Tgt Ion:168 Resp: 147065
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#3
Chloromethane
Concen: 0.363 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 33.9 26.1 39.1

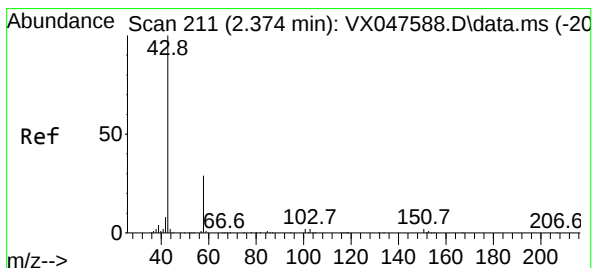
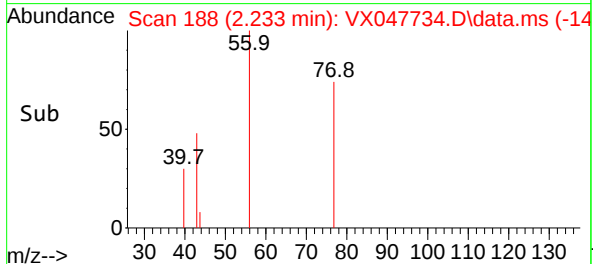
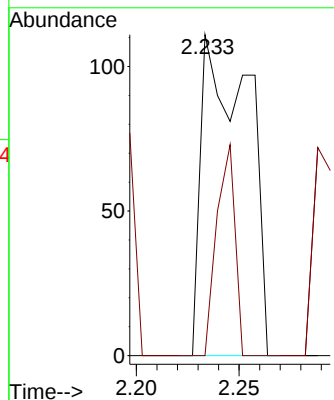
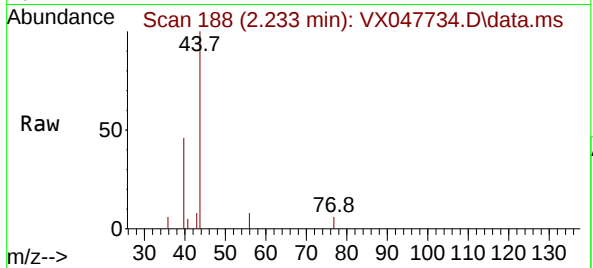




#13
Acrolein
Concen: 0.724 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

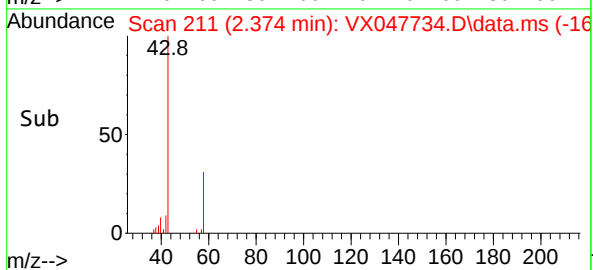
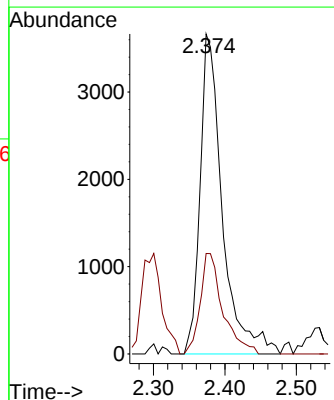
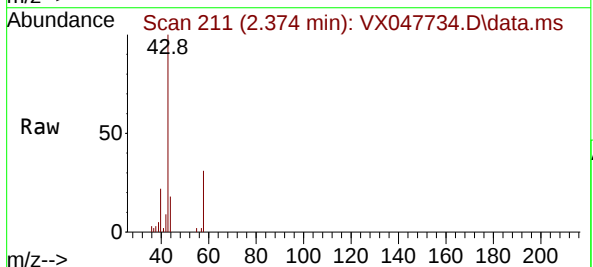
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

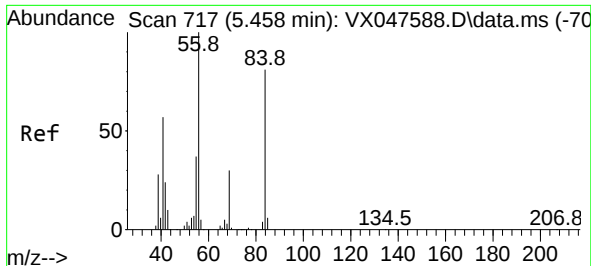
Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 25.9 57.2 85.8#



#16
Acetone
Concen: 7.773 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion: 43 Resp: 7912
Ion Ratio Lower Upper
43 100
58 31.4 23.4 35.0

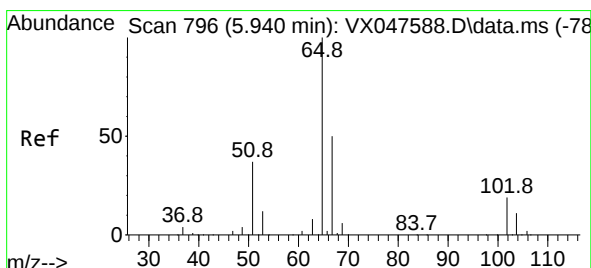
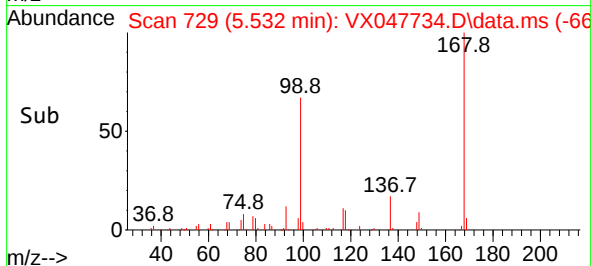
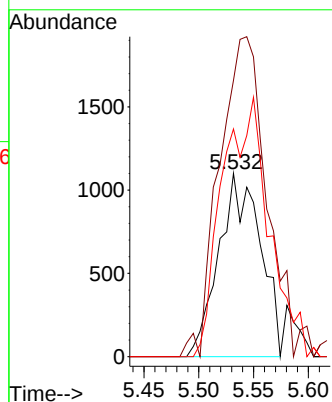
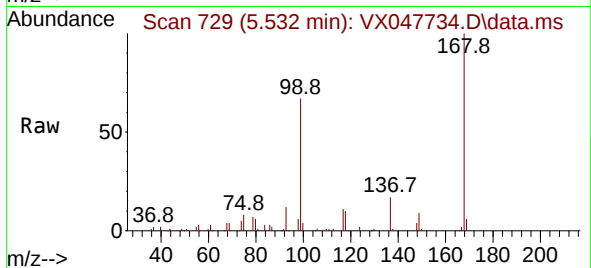




#31
Cyclohexane
Concen: 0.934 ug/l
RT: 5.532 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

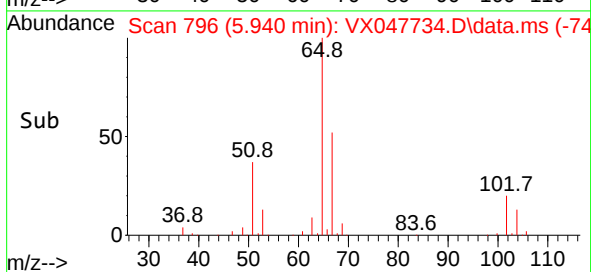
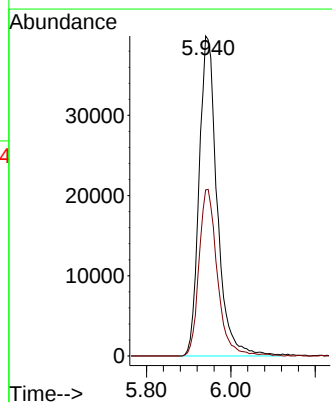
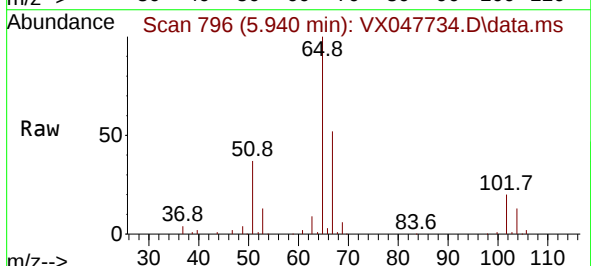
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

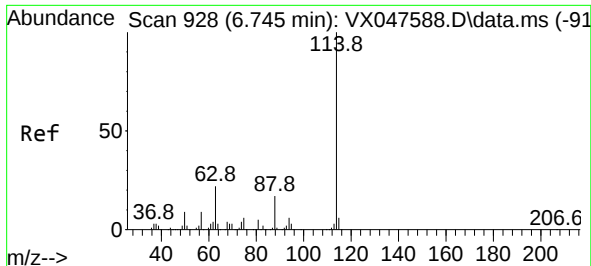
Tgt Ion: 56 Resp: 2888
Ion Ratio Lower Upper
56 100
69 150.8 23.8 35.8#
84 124.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 50.718 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion: 65 Resp: 118726
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

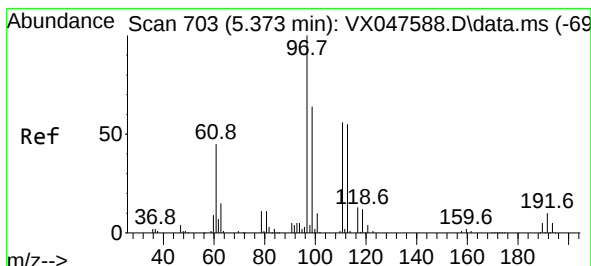
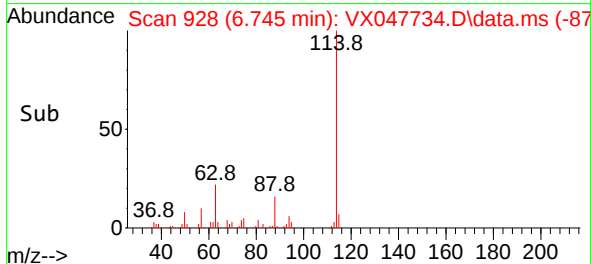
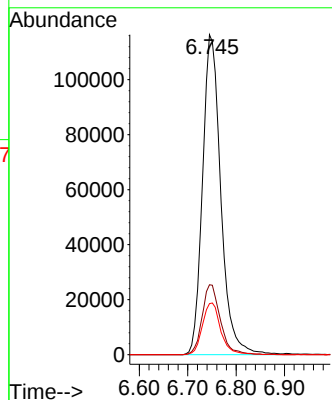
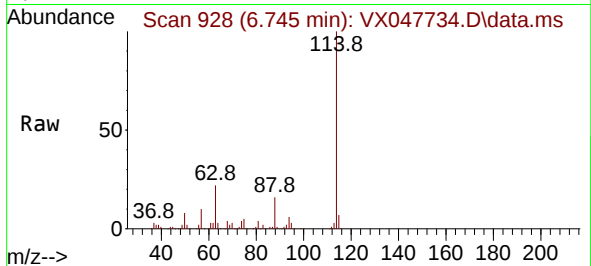




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

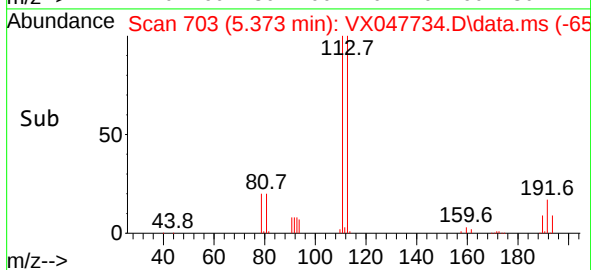
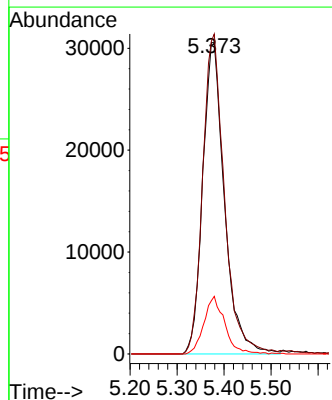
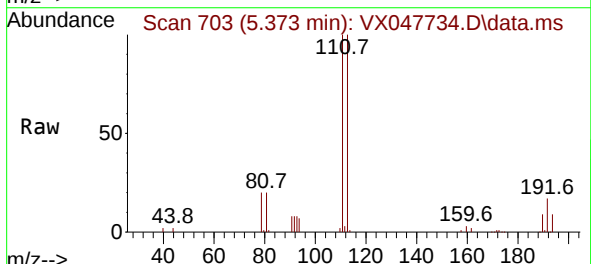
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

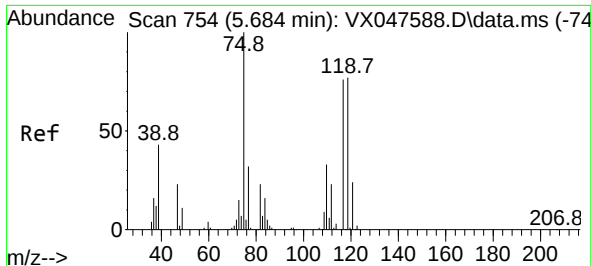
Tgt Ion:114 Resp: 305643
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.805 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion:113 Resp: 97992
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.8 14.2 21.4

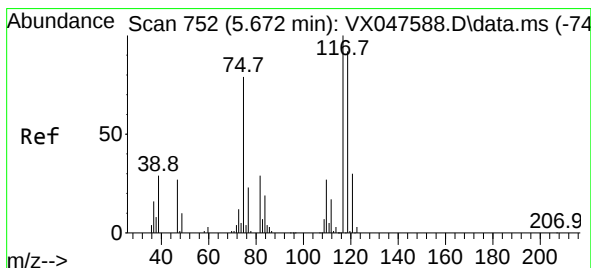
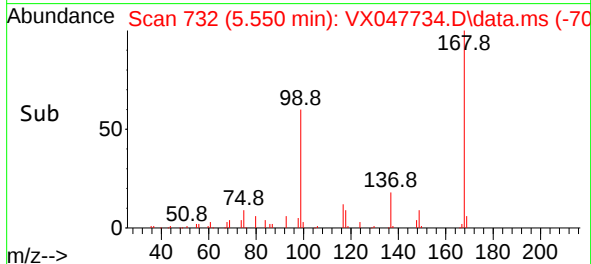
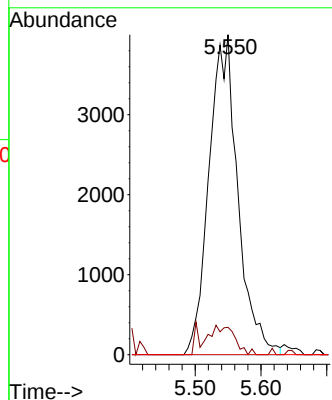
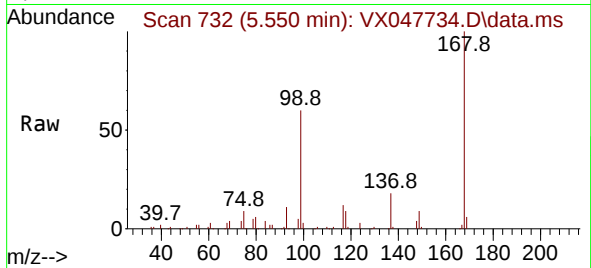




#36
1,1-Dichloropropene
Concen: 4.063 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

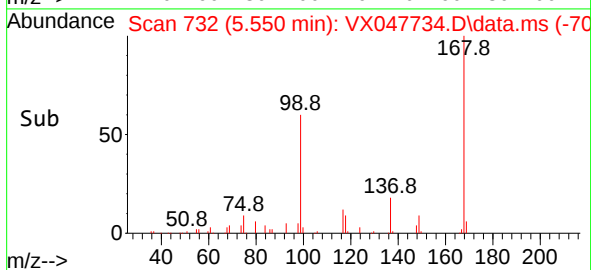
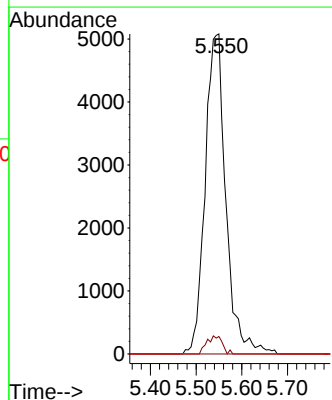
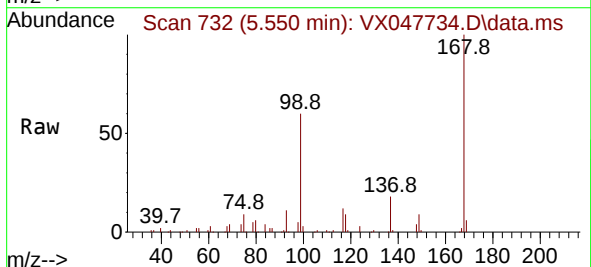
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

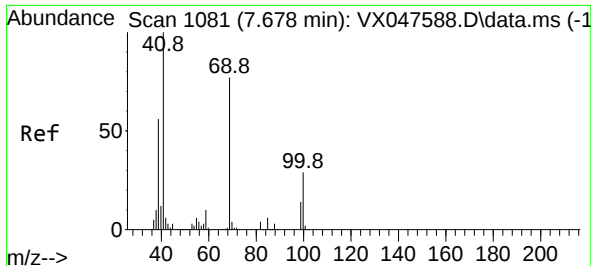
Tgt Ion: 75 Resp: 12170
Ion Ratio Lower Upper
75 100
110 7.6 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.920 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion: 117 Resp: 16013
Ion Ratio Lower Upper
117 100
119 5.5 73.4 110.2#
121 0.0 23.8 35.6#

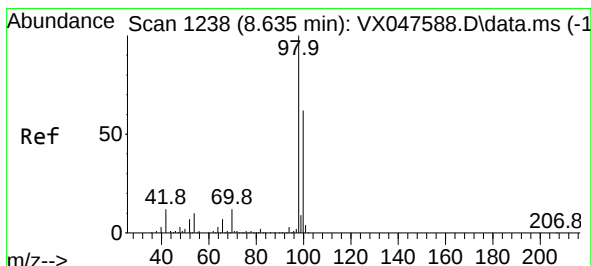
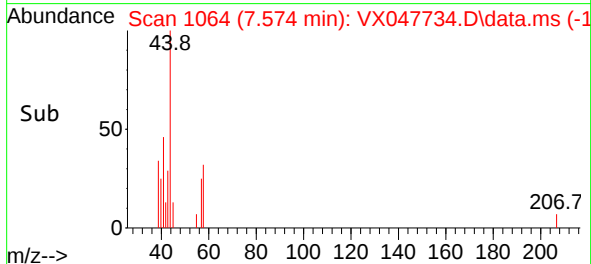
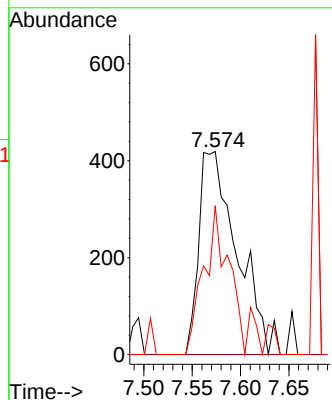
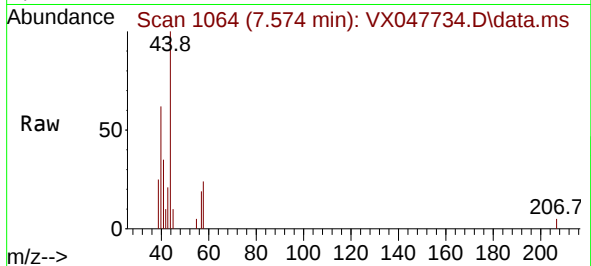




#48
Methyl methacrylate
Concen: 0.443 ug/l
RT: 7.574 min Scan# 1081
Delta R.T. -0.104 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

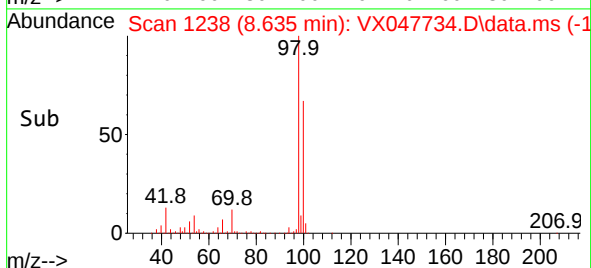
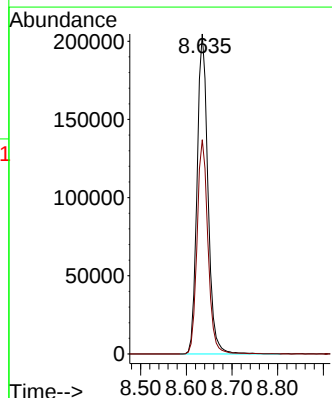
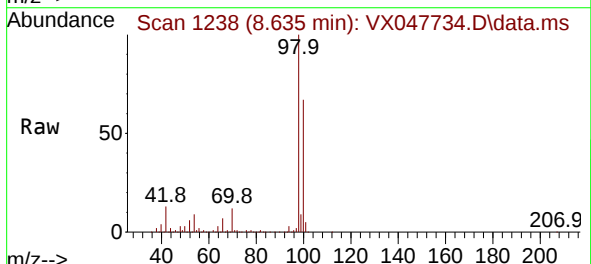
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

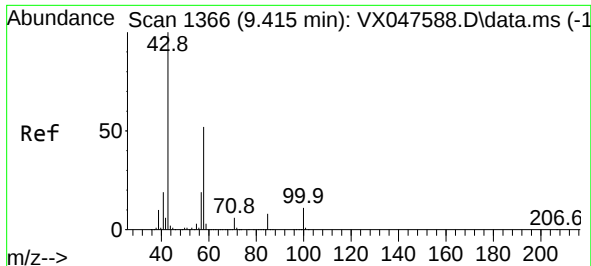
Tgt Ion: 41 Resp: 1160
Ion Ratio Lower Upper
41 100
69 0.0 61.4 92.2#
39 47.4 45.8 68.6



#50
Toluene-d8
Concen: 47.660 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion: 98 Resp: 338041
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

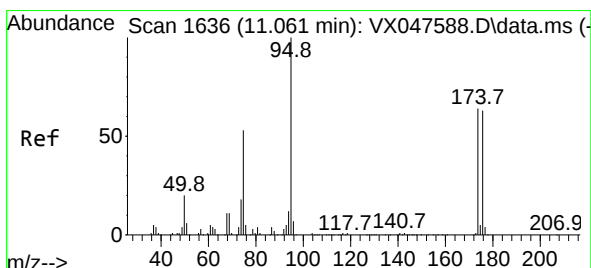
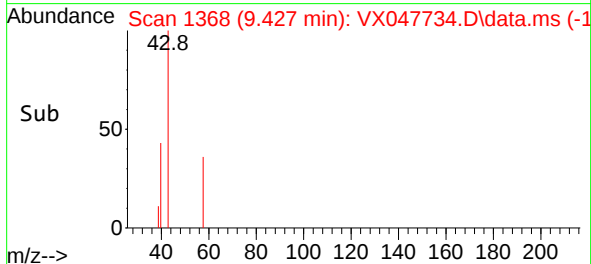
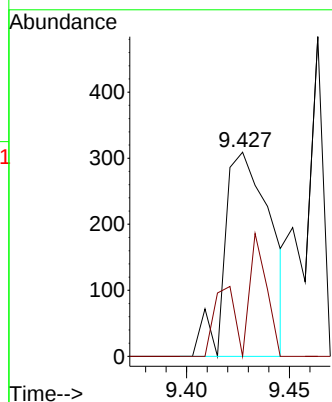
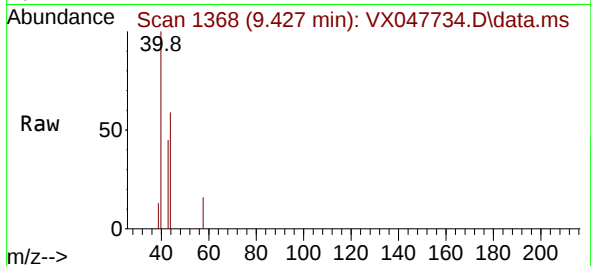




#59
2-Hexanone
Concen: 0.230 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

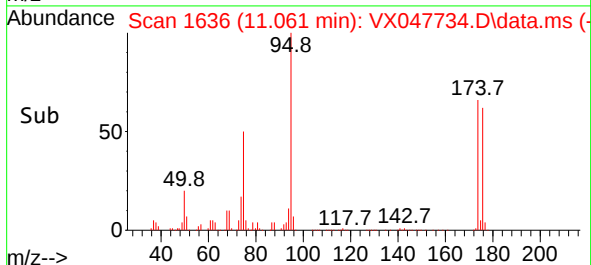
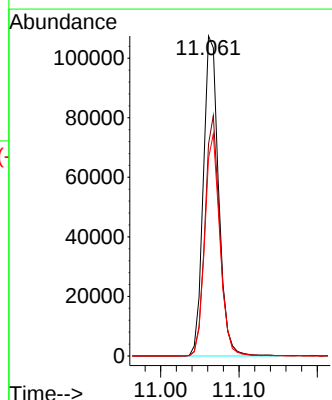
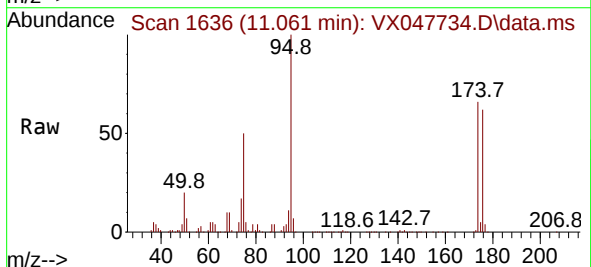
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-220-222

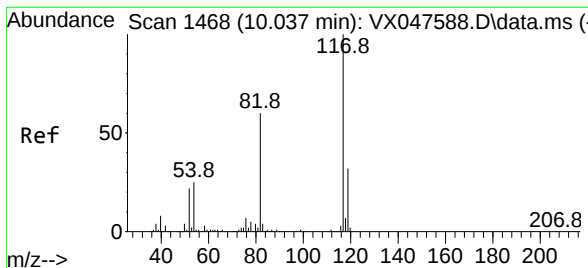
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 21.8 26.1 78.2#



#62
4-Bromofluorobenzene
Concen: 53.968 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047734.D
Acq: 23 Sep 2025 15:31

Tgt Ion: 95 Resp: 145273
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 68.5 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: VX047734.D

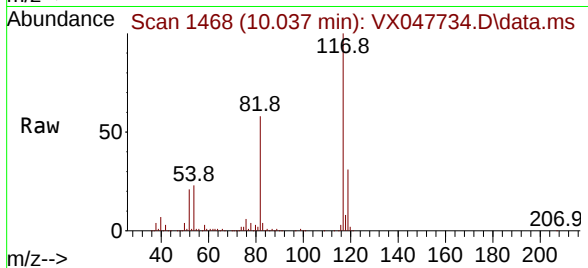
Acq: 23 Sep 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-220-222



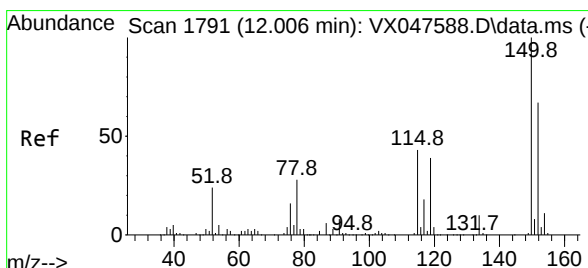
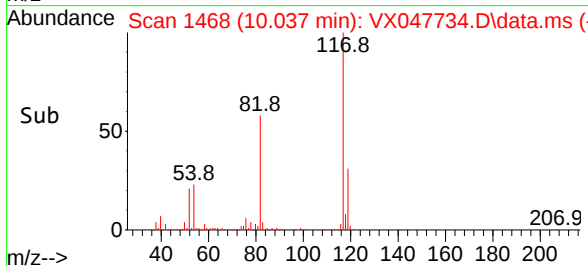
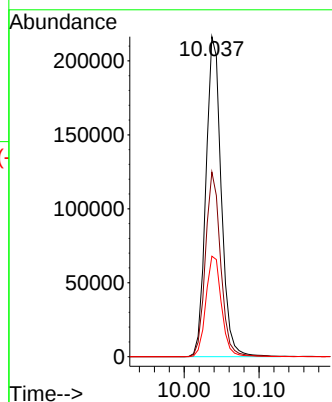
Tgt Ion:117 Resp: 308233

Ion Ratio Lower Upper

117 100

82 57.7 47.8 71.6

119 31.4 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047734.D

Acq: 23 Sep 2025 15:31

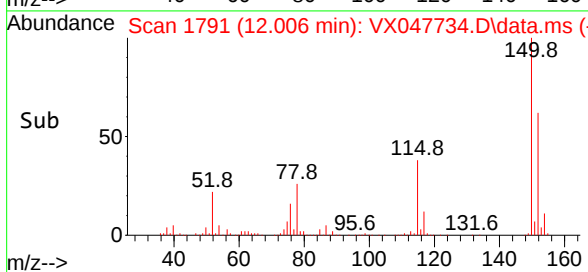
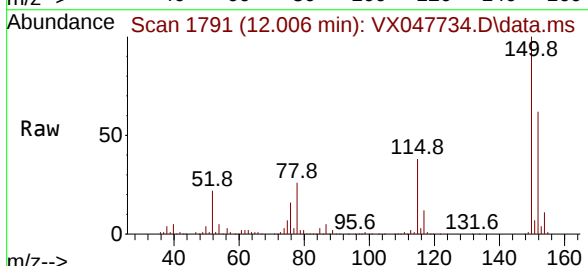
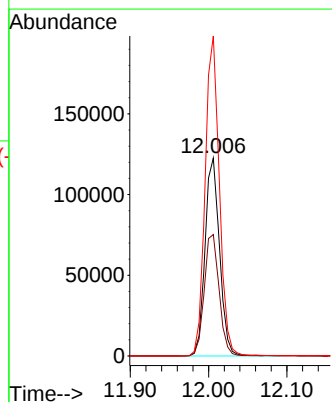
Tgt Ion:152 Resp: 157643

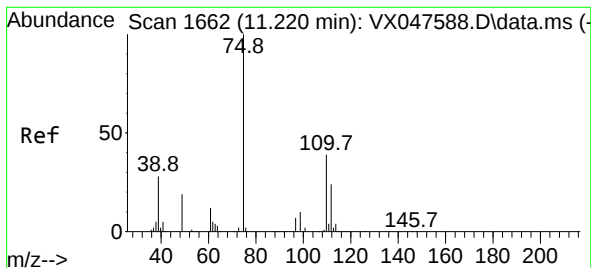
Ion Ratio Lower Upper

152 100

115 63.0 44.9 134.5

150 158.3 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 23.036 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX047734.D

Acq: 23 Sep 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

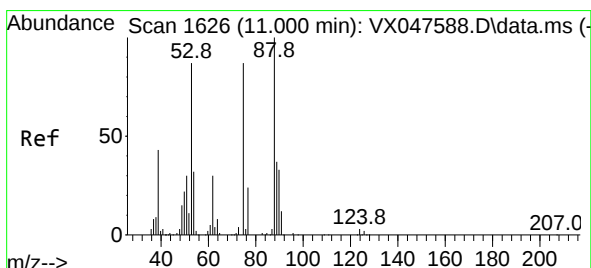
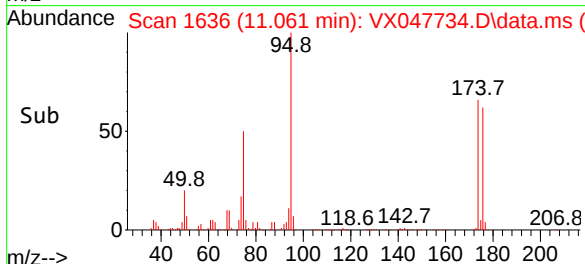
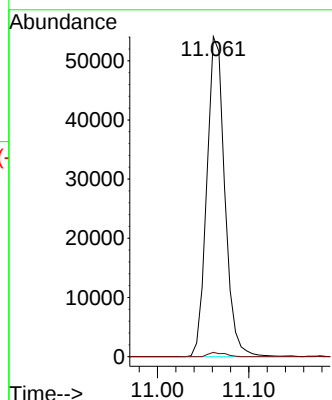
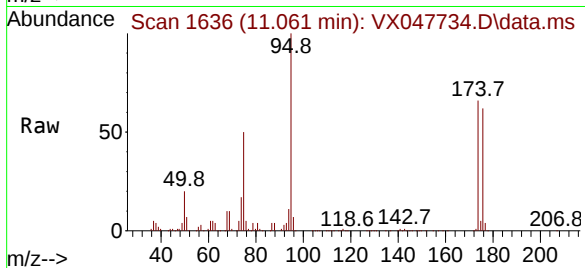
BP-VPB-184-GW-220-222

Tgt Ion: 75 Resp: 73527

Ion Ratio Lower Upper

75 100

77 1.3 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.746 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX047734.D

Acq: 23 Sep 2025 15:31

Tgt Ion: 75 Resp: 73527

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#

