

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048047.D
 Acq On : 07 Oct 2025 13:02
 Operator : JC/MD
 Sample : Q3298-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20251003

Quant Time: Oct 08 01:27:16 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)

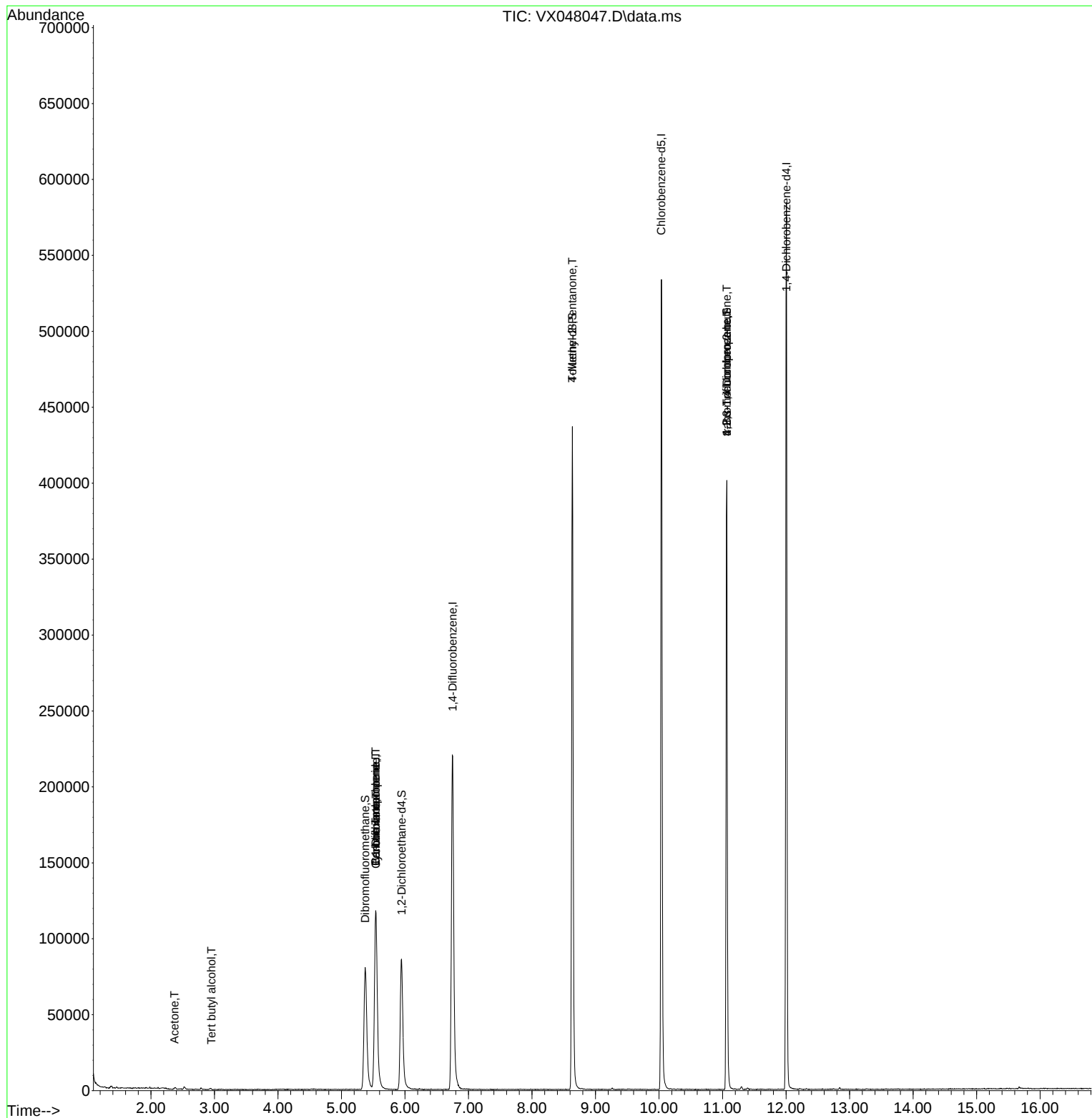
Internal Standards						
1) Pentafluorobenzene	5.538	168	119485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	248619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96225	50.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.373	113	79183	48.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	8.635	98	268662	47.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.067	95	115010	53.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	46	0.217	ug/l #	72
16) Acetone	2.368	43	1588	1.920	ug/l #	83
31) Cyclohexane	5.544	56	3098	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10239	4.310	ug/l #	47
38) Carbon Tetrachloride	5.538	117	12991	5.034	ug/l #	17
51) 4-Methyl-2-Pentanone	8.635	43	1316	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.067	75	59313	24.182	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	59313	61.669	ug/l #	8

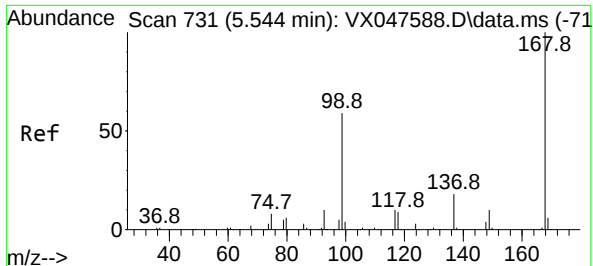
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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BP-VPB-184-TB-20251003

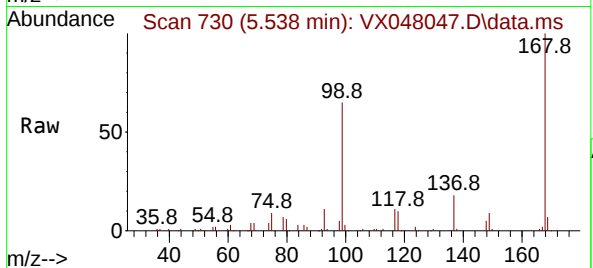
Quant Time: Oct 08 01:27:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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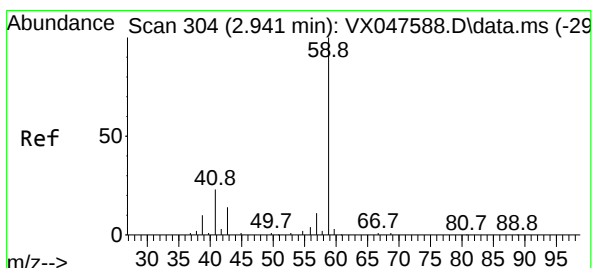
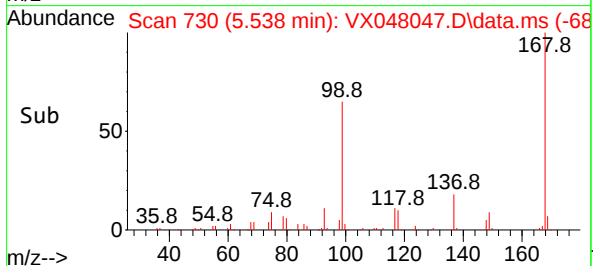
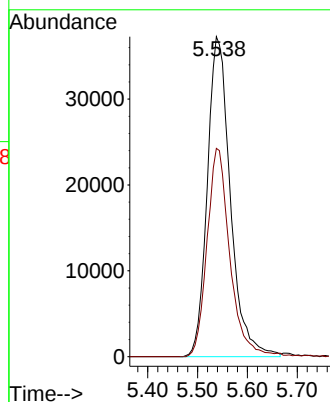


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

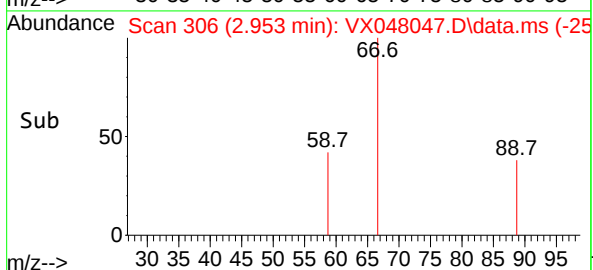
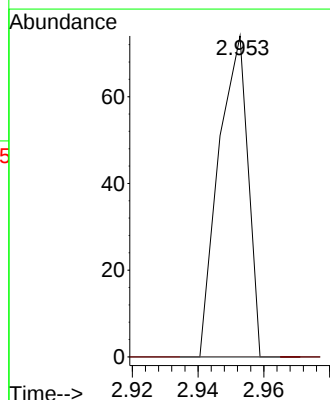
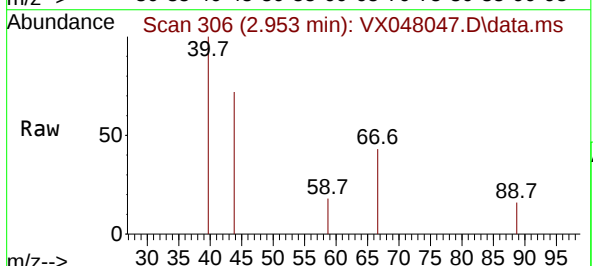


Tgt Ion:168 Resp: 119485
Ion Ratio Lower Upper
168 100
99 65.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

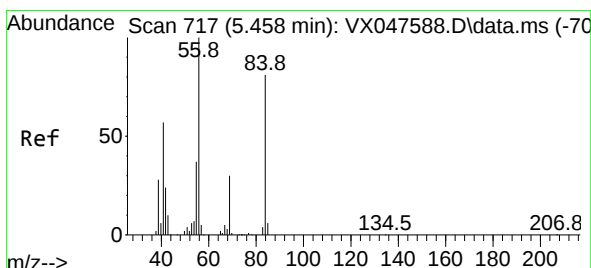
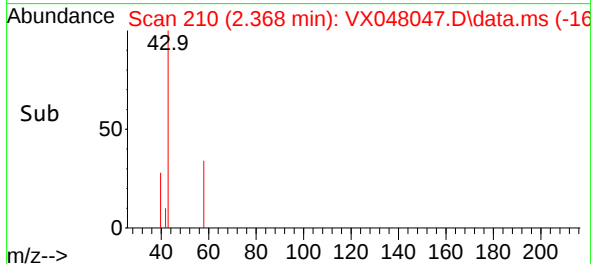
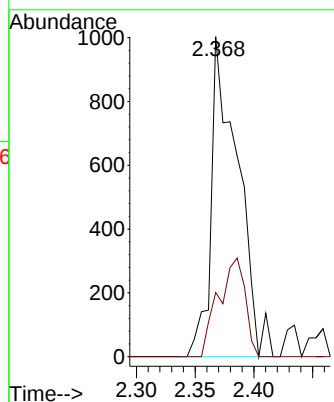
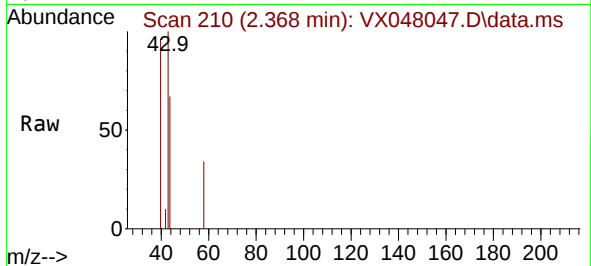




#16
Acetone
Concen: 1.920 ug/l
RT: 2.368 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

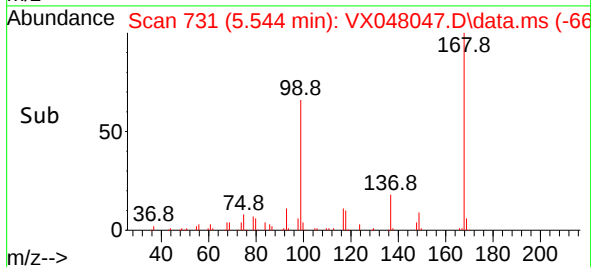
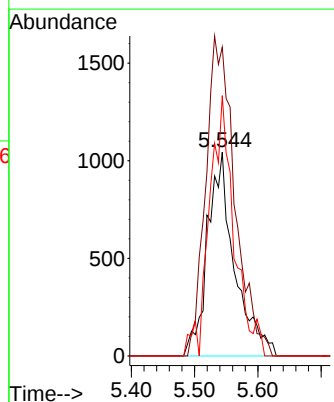
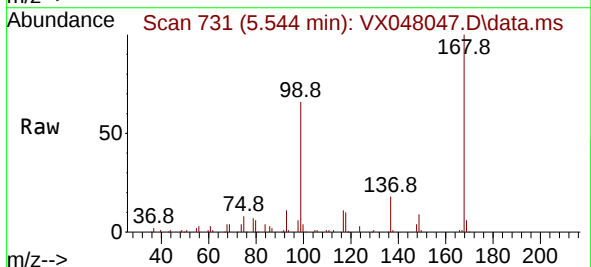
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
58 20.0 23.4 35.0#



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 56 Resp: 3098
Ion Ratio Lower Upper
56 100
69 151.5 23.8 35.8#
84 127.7 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.594 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048047.D

Acq: 07 Oct 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

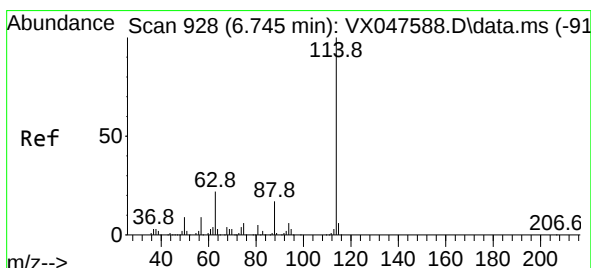
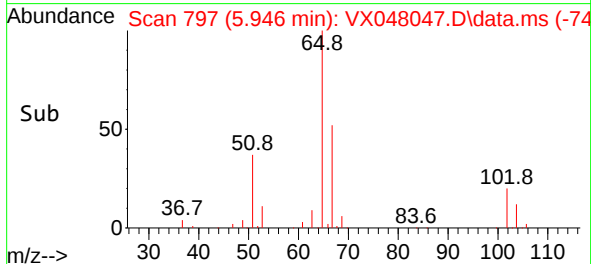
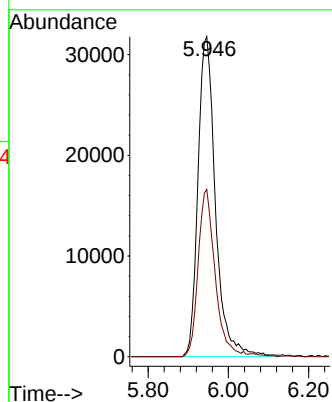
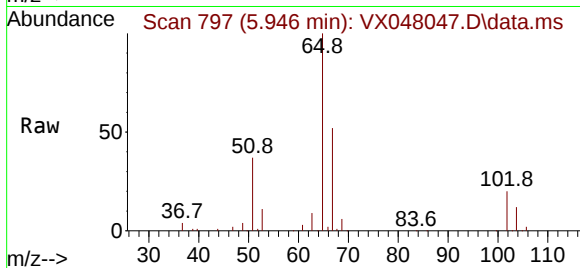
BP-VPB-184-TB-20251003

Tgt Ion: 65 Resp: 96225

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: VX048047.D

Acq: 07 Oct 2025 13:02

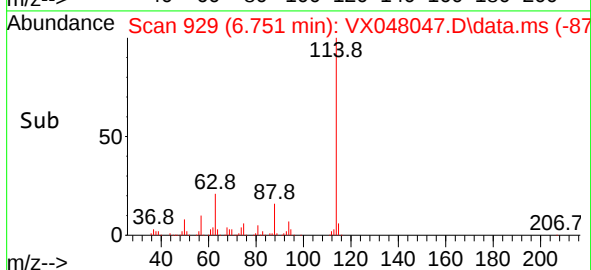
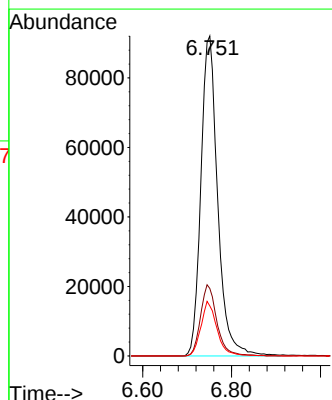
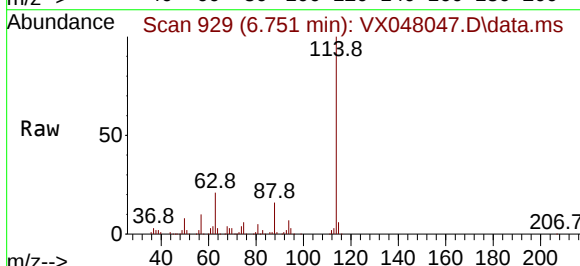
Tgt Ion: 114 Resp: 242388

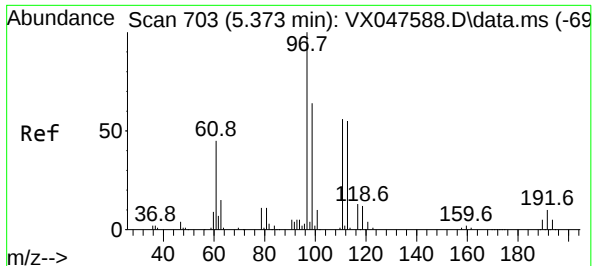
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 15.7 0.0 34.2

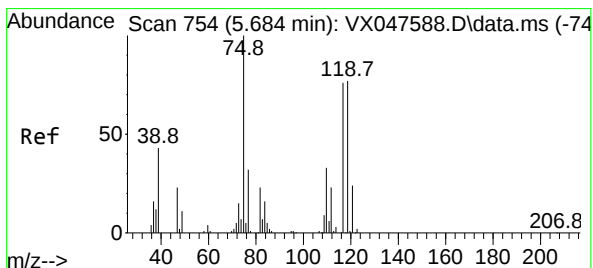
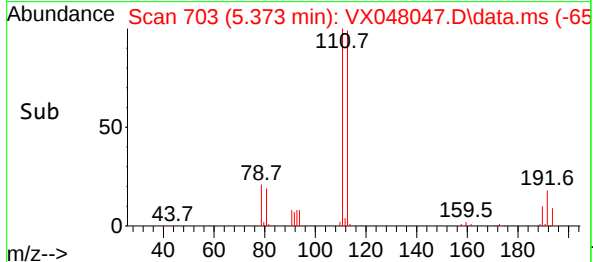
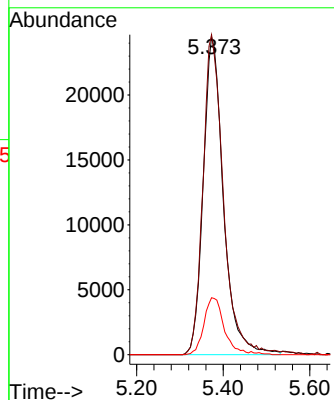
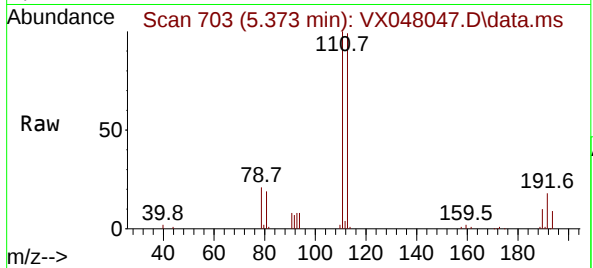




#35
Dibromofluoromethane
Concen: 48.710 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

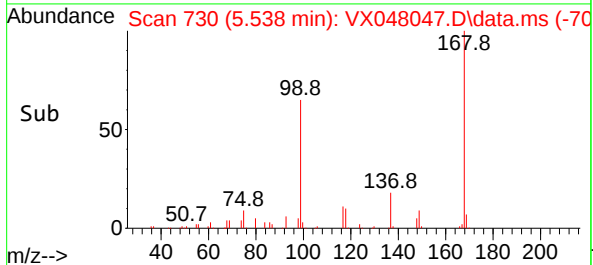
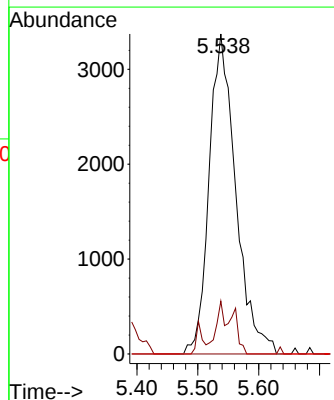
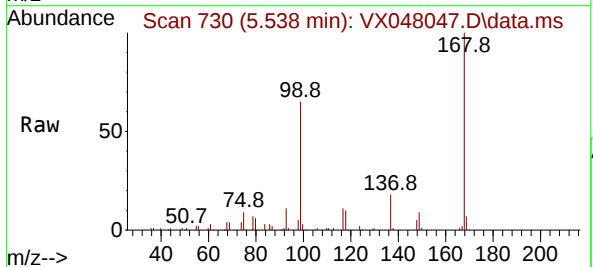
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

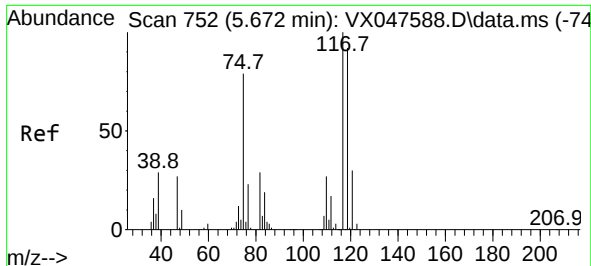
Tgt Ion:113 Resp: 79183
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

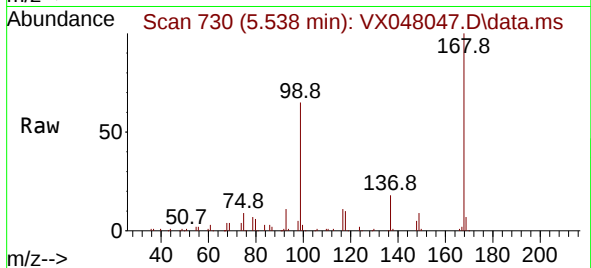
Tgt Ion: 75 Resp: 10239
Ion Ratio Lower Upper
75 100
110 4.2 16.7 50.1#
77 0.0 24.3 36.5#



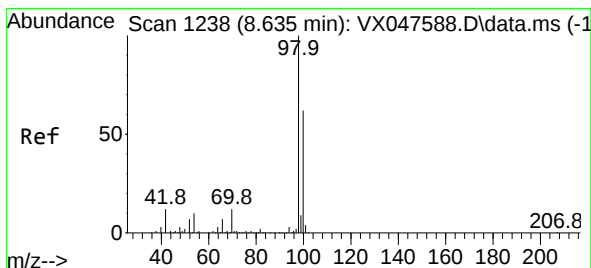
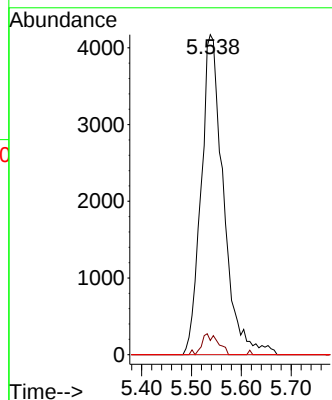
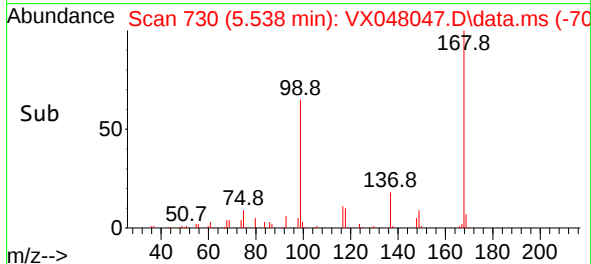


#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251003

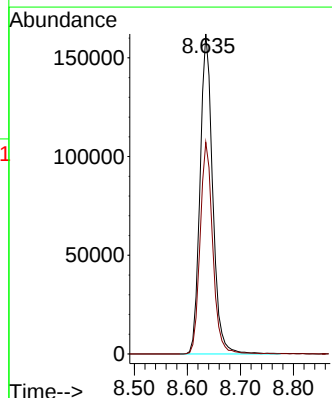
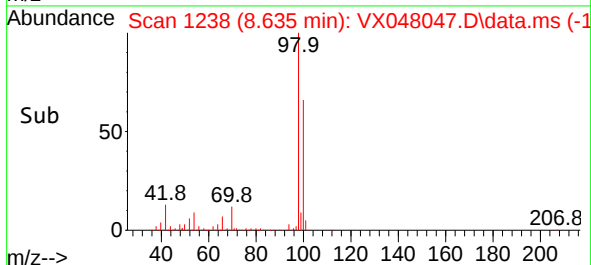
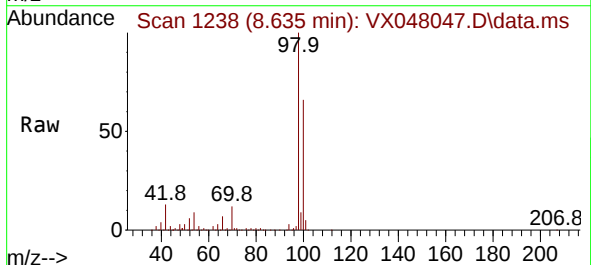


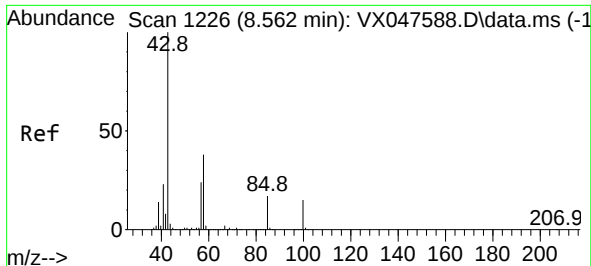
Tgt Ion:117 Resp: 12991
Ion Ratio Lower Upper
117 100
119 4.4 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.763 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 98 Resp: 268662
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

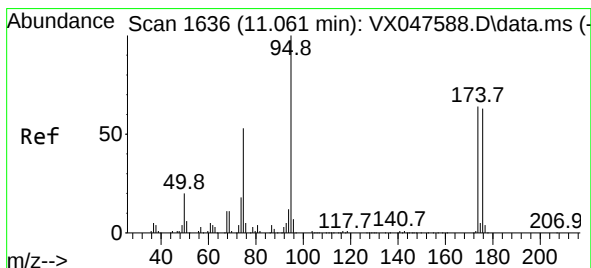
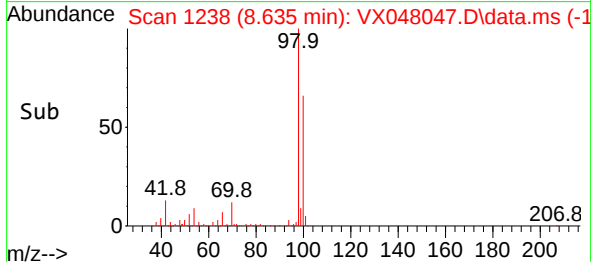
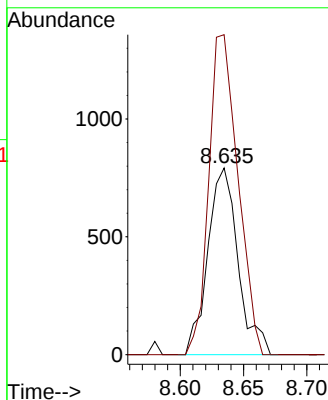
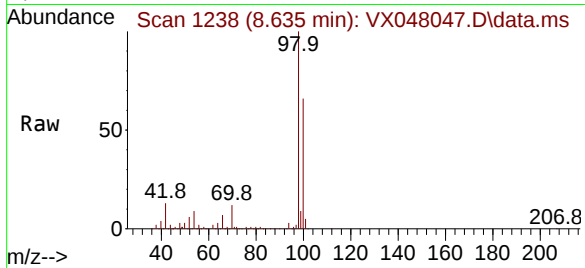




#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

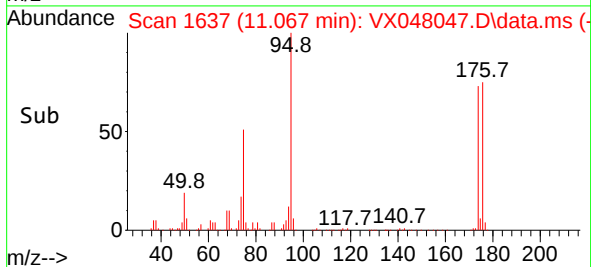
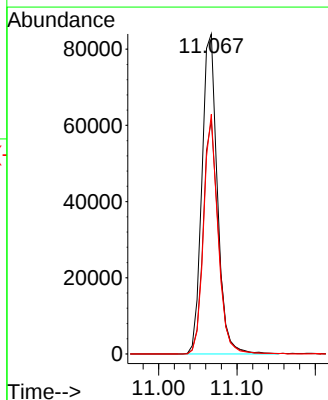
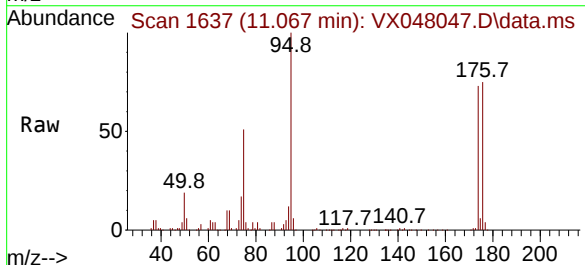
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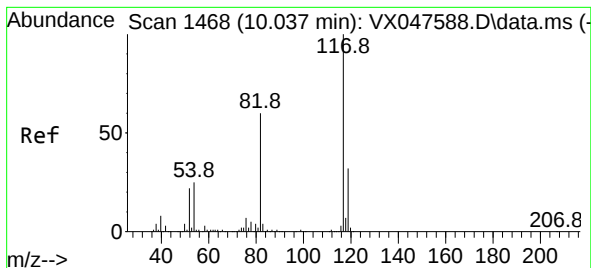
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 165.5 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 53.876 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048047.D
Acq: 07 Oct 2025 13:02

Tgt Ion: 95 Resp: 115010
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.6 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: VX048047.D

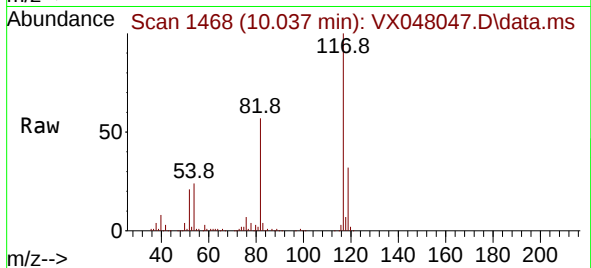
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-TB-20251003



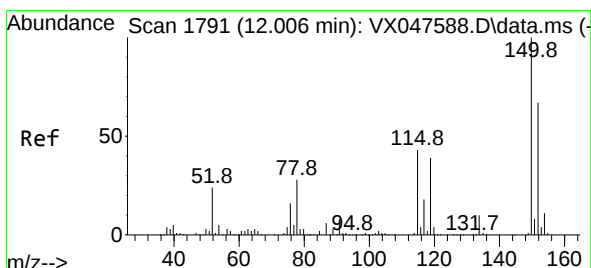
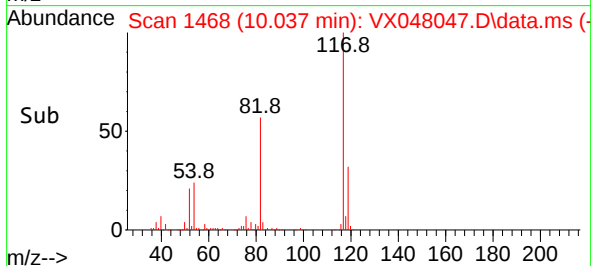
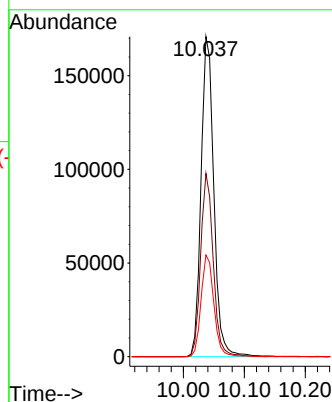
Tgt Ion:117 Resp: 248619

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.6

119 31.7 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: VX048047.D

Acq: 07 Oct 2025 13:02

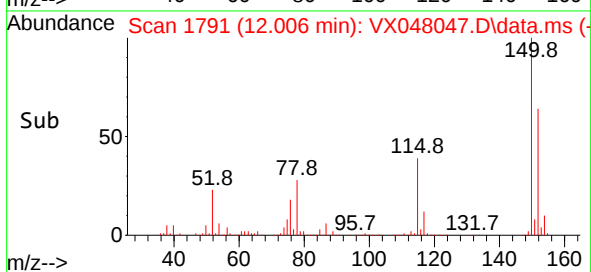
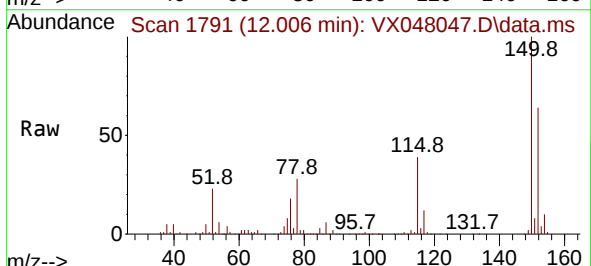
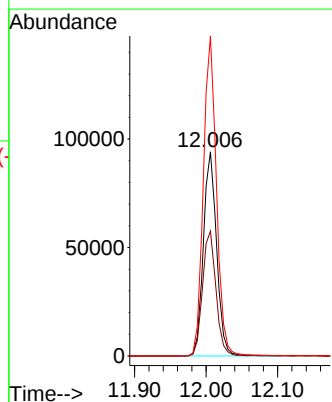
Tgt Ion:152 Resp: 121141

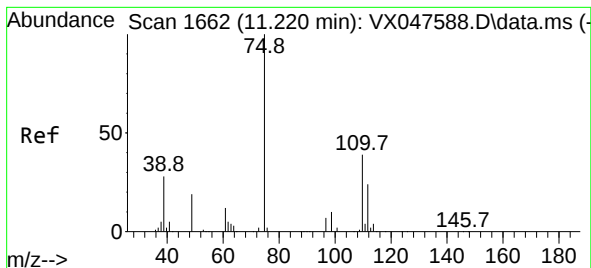
Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 155.1 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 24.182 ug/l

RT: 11.067 min Scan# 1

Delta R.T. -0.152 min

Lab File: VX048047.D

Acq: 07 Oct 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

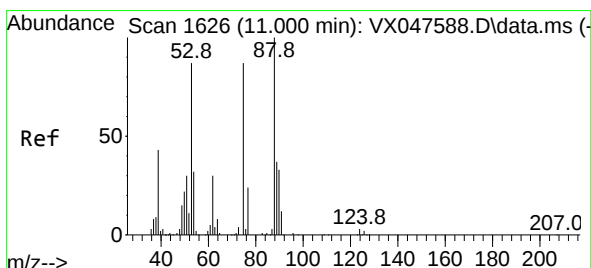
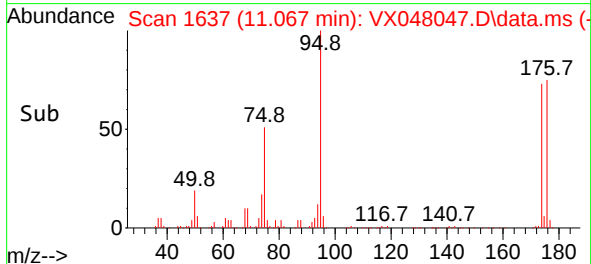
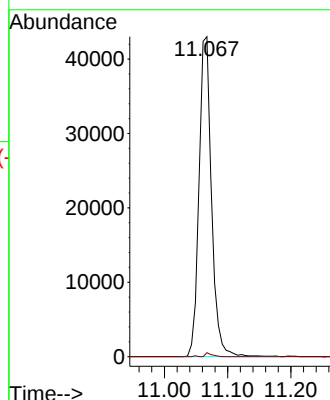
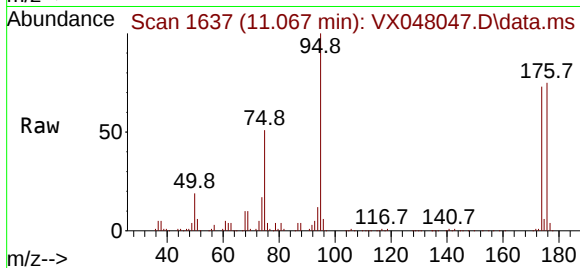
BP-VPB-184-TB-20251003

Tgt Ion: 75 Resp: 59313

Ion Ratio Lower Upper

75 100

77 0.7 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.669 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.067 min

Lab File: VX048047.D

Acq: 07 Oct 2025 13:02

Tgt Ion: 75 Resp: 59313

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#

