

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047961.D
 Acq On : 02 Oct 2025 12:46
 Operator : JC/MD
 Sample : Q3246-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-500-502

Quant Time: Oct 03 03:29:21 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)

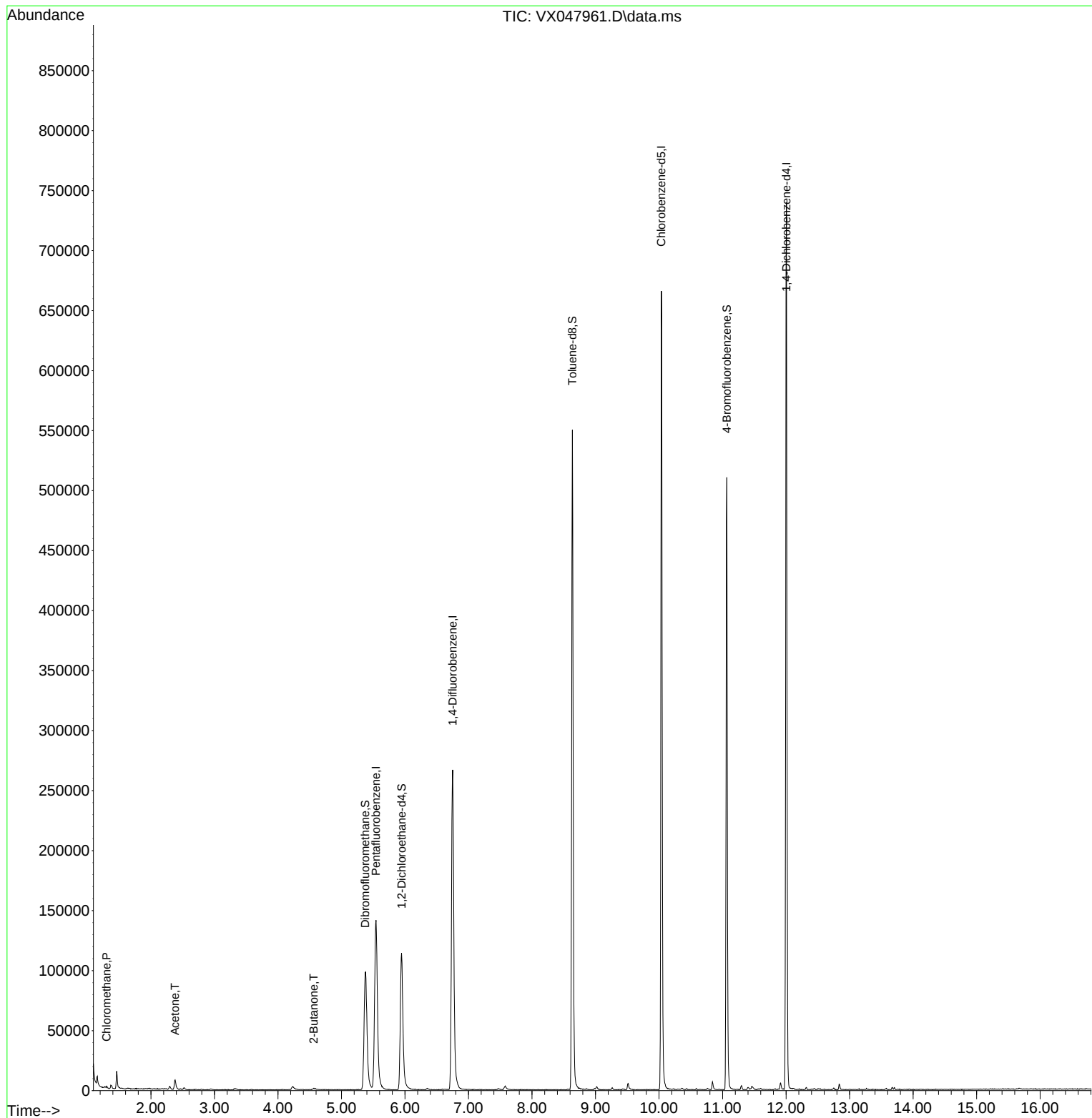
Internal Standards						
1) Pentafluorobenzene	5.543	168	143047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	293439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	309899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	124531	54.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.380%	
35) Dibromofluoromethane	5.373	113	98868	50.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.480%	
50) Toluene-d8	8.634	98	334661	49.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	11.067	95	146161	56.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.120%	
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	1310	0.673	ug/l	93
16) Acetone	2.379	43	10657	10.764	ug/l	95
25) 2-Butanone	4.562	43	2693	2.181	ug/l	95

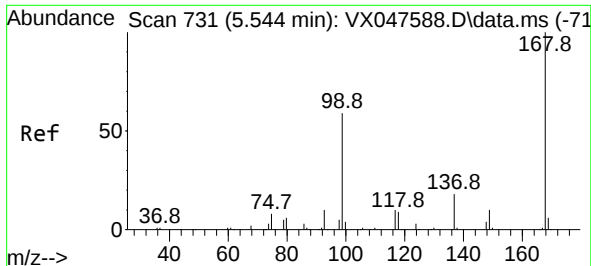
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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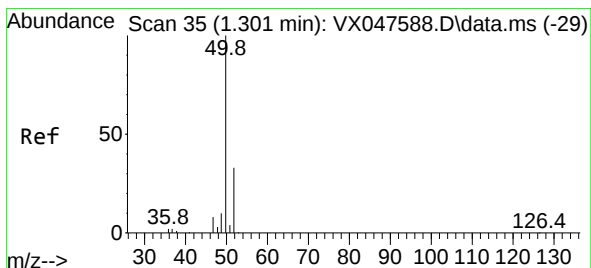
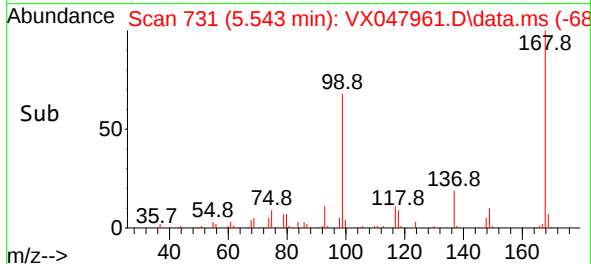
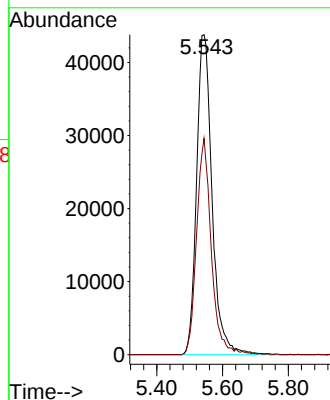
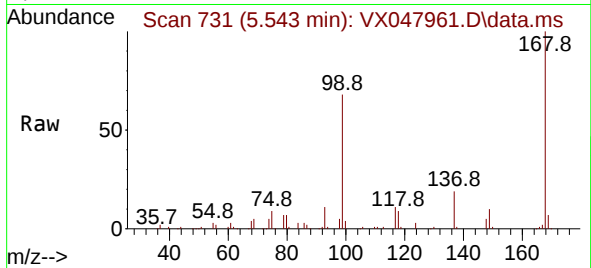




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

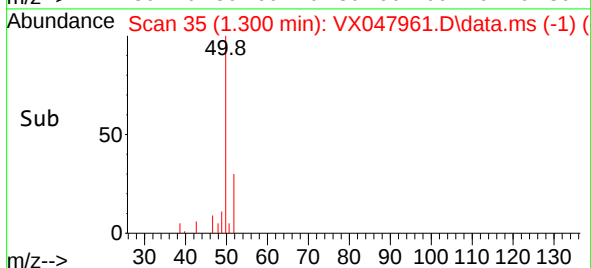
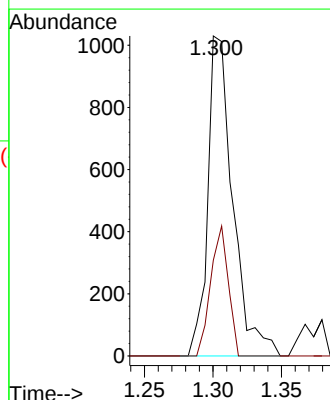
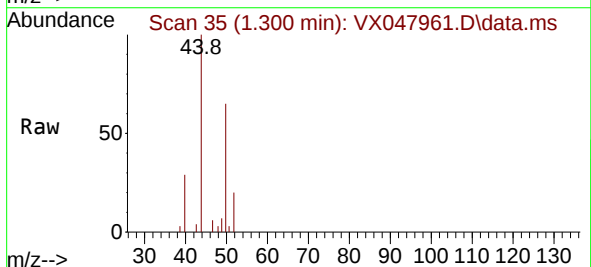
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

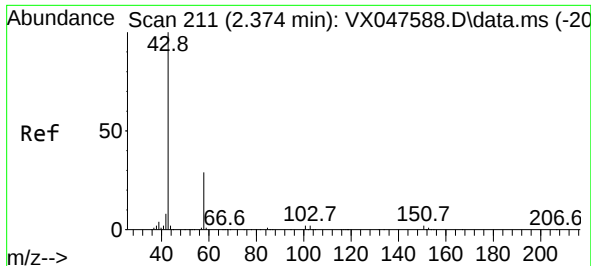
Tgt Ion:168 Resp: 143047
Ion Ratio Lower Upper
168 100
99 67.6 48.8 73.2



#3
Chloromethane
Concen: 0.673 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 28.5 26.1 39.1

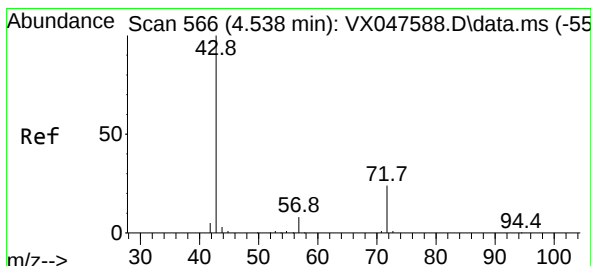
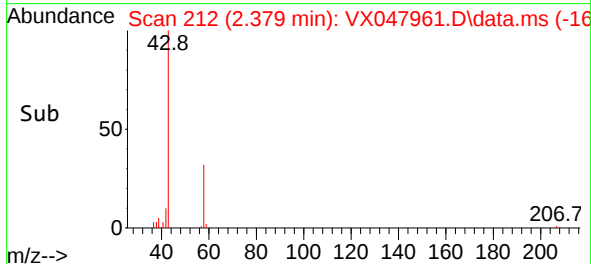
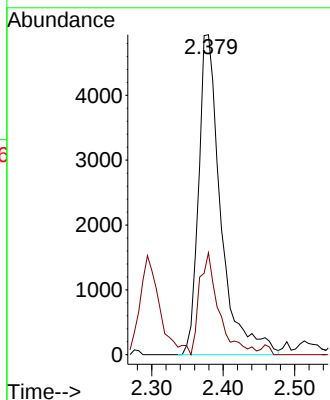
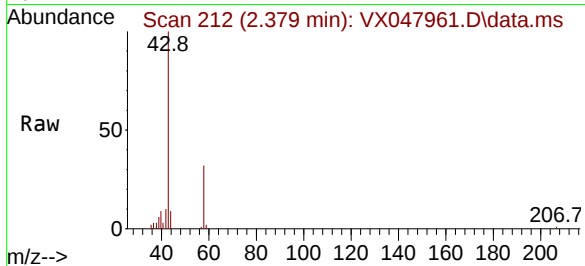




#16
Acetone
Concen: 10.764 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

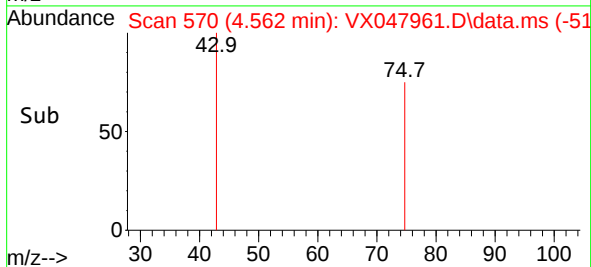
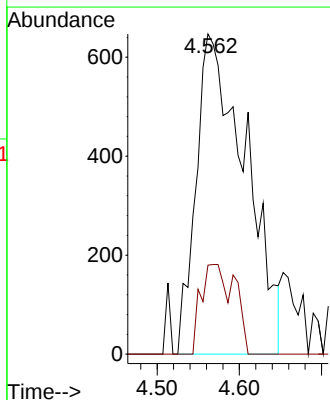
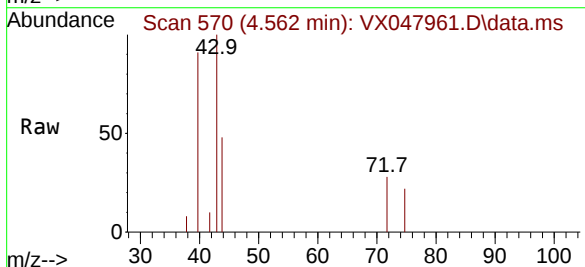
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-500-502

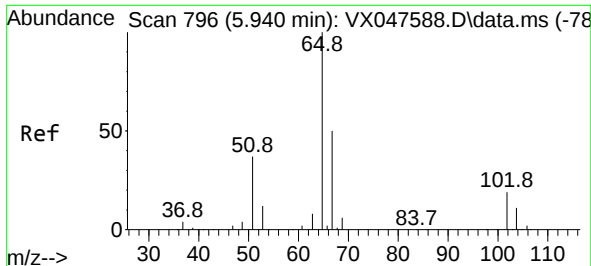
Tgt Ion: 43 Resp: 10657
Ion Ratio Lower Upper
43 100
58 31.8 23.4 35.0



#25
2-Butanone
Concen: 2.181 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

Tgt Ion: 43 Resp: 2693
Ion Ratio Lower Upper
43 100
72 27.8 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047961.D

Acq: 02 Oct 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

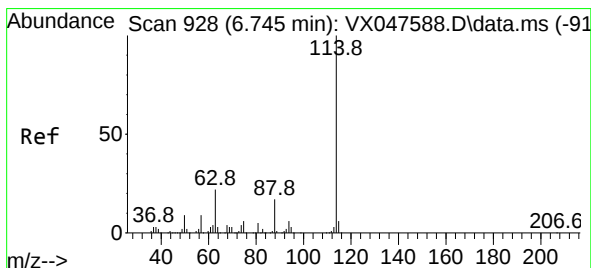
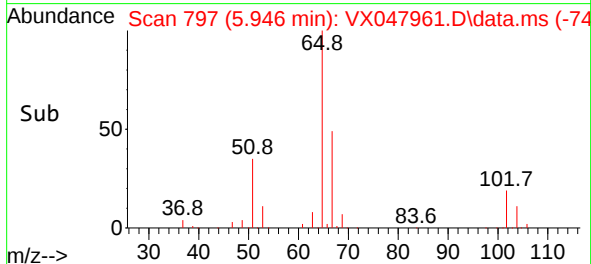
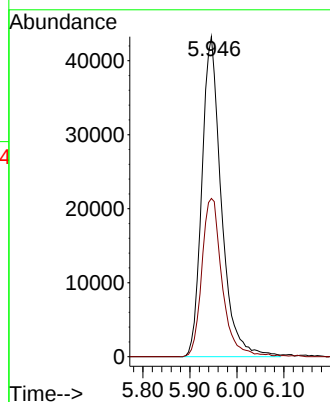
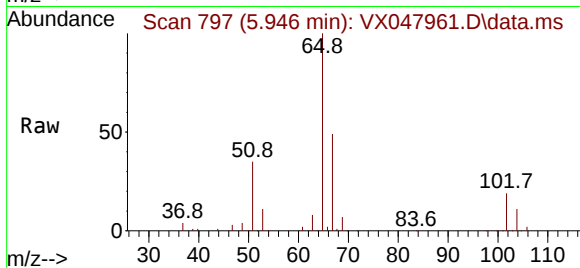
BP-VPB-184-GW-500-502

Tgt Ion: 65 Resp: 124531

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047961.D

Acq: 02 Oct 2025 12:46

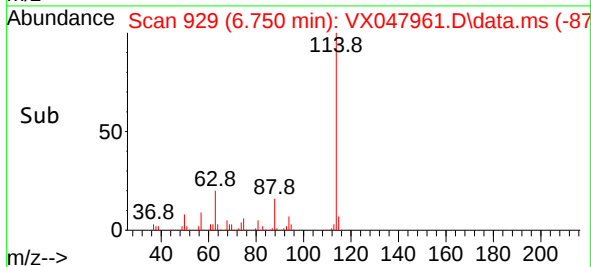
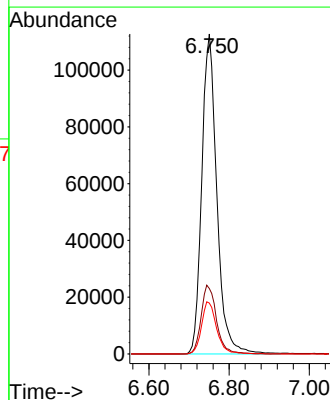
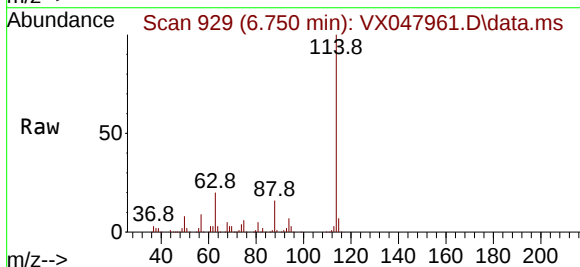
Tgt Ion: 114 Resp: 293439

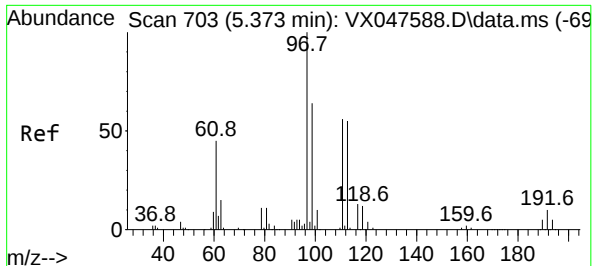
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.0

88 15.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.239 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047961.D

Acq: 02 Oct 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-500-502

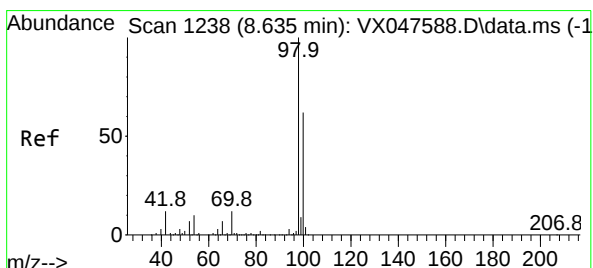
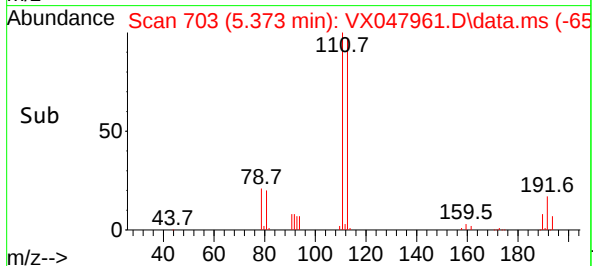
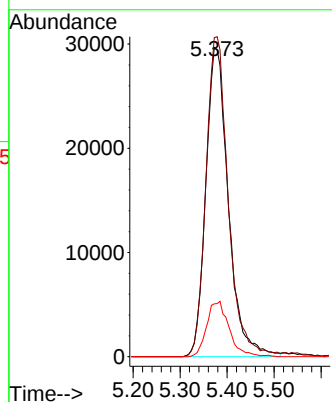
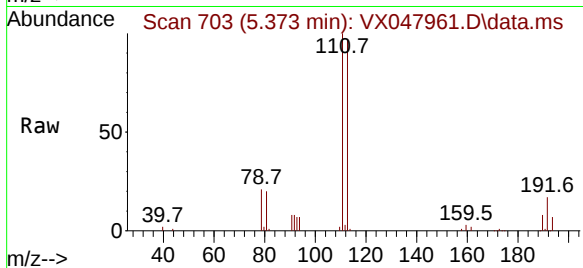
Tgt Ion:113 Resp: 98868

Ion Ratio Lower Upper

113 100

111 102.3 80.9 121.3

192 17.7 14.2 21.4



#50

Toluene-d8

Concen: 49.146 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047961.D

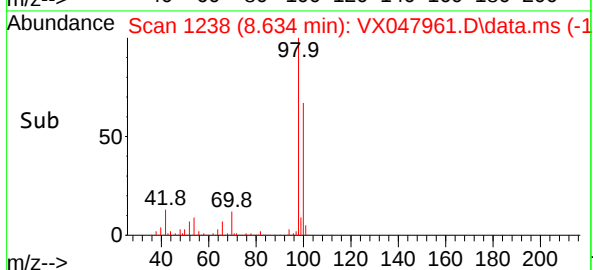
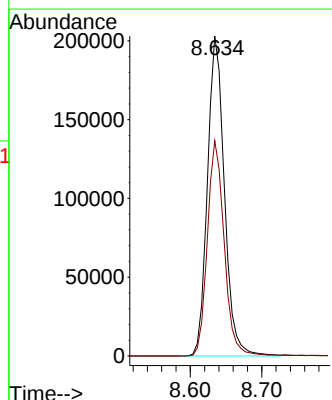
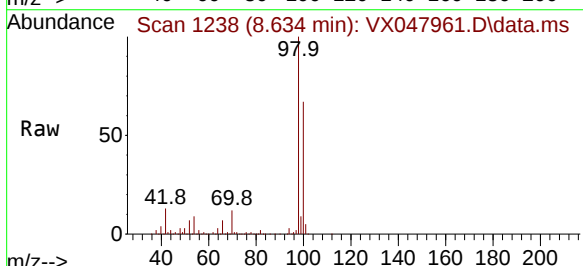
Acq: 02 Oct 2025 12:46

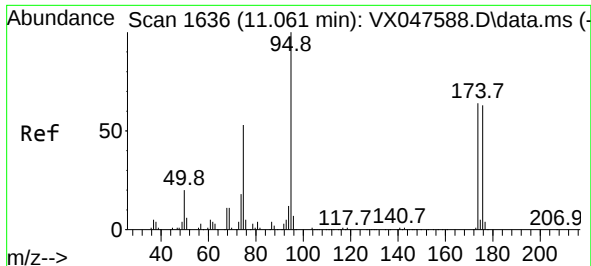
Tgt Ion: 98 Resp: 334661

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4

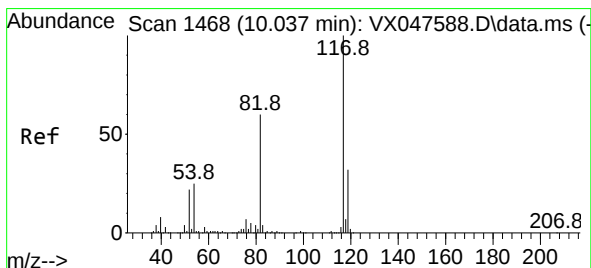
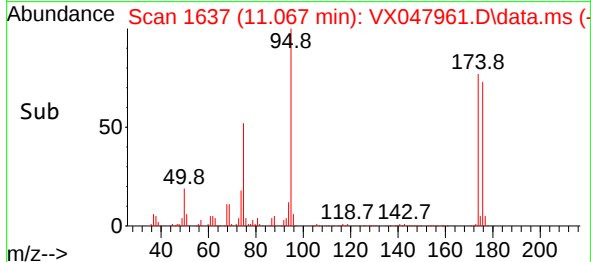
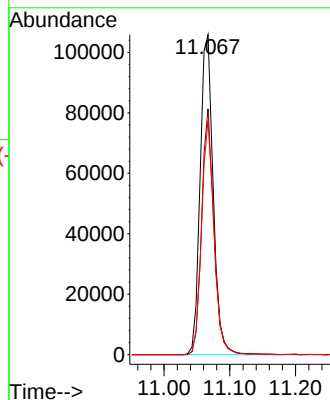
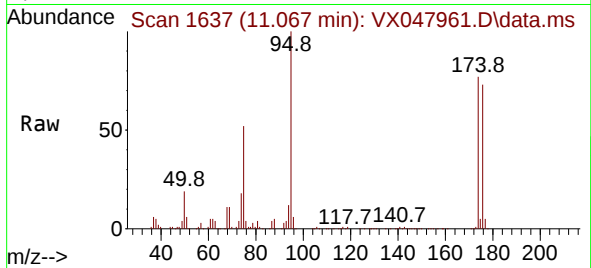




#62
4-Bromofluorobenzene
Concen: 56.556 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

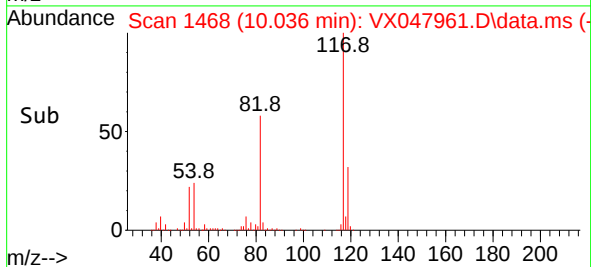
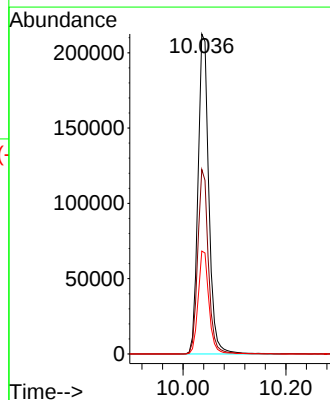
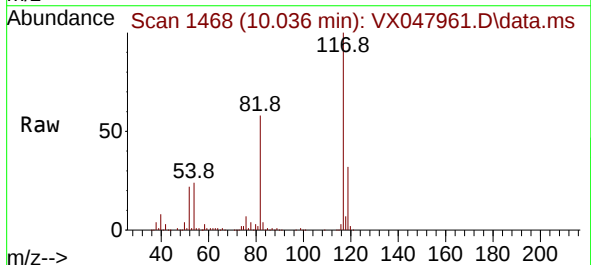
Instrument :
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BP-VPB-184-GW-500-502

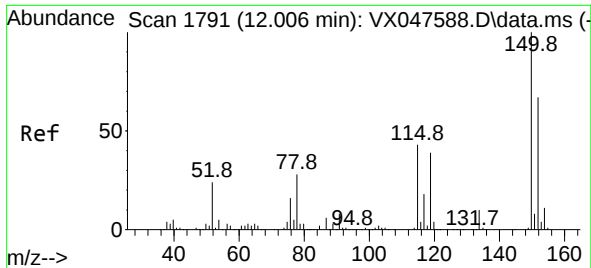
Tgt Ion: 95 Resp: 146161
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047961.D
Acq: 02 Oct 2025 12:46

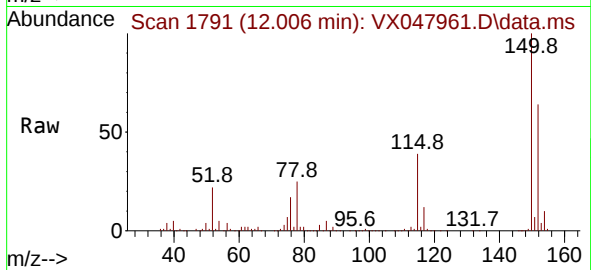
Tgt Ion: 117 Resp: 309899
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047961.D
 Acq: 02 Oct 2025 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-500-502



Tgt Ion:152 Resp: 156960
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.9 134.5
 150 156.6 0.0 352.0

