

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048141.D
 Acq On : 13 Oct 2025 14:49
 Operator : JC/MD
 Sample : Q3331-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RINGWOOD

Quant Time: Oct 14 01:55:22 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)

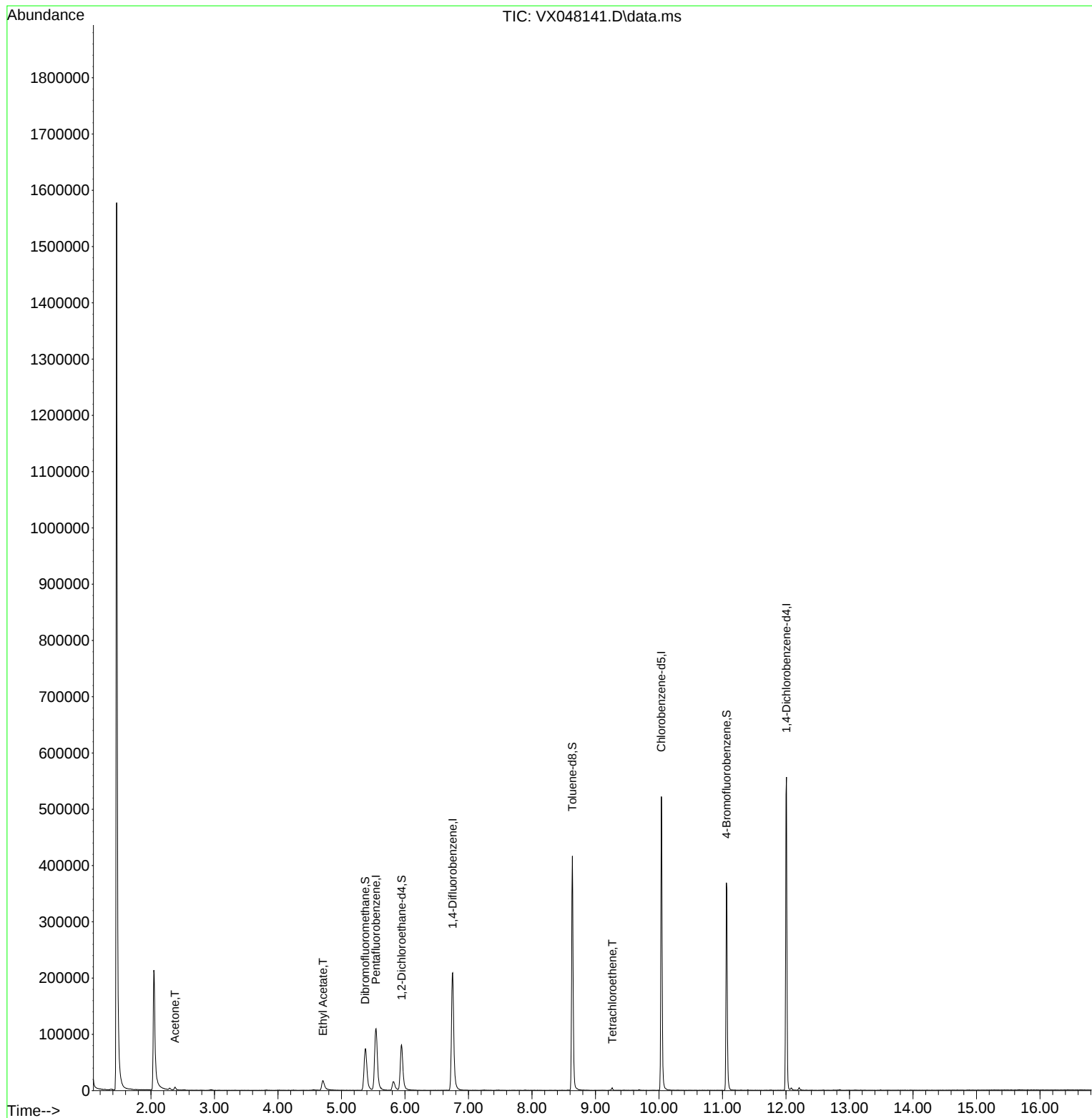
Internal Standards						
1) Pentafluorobenzene	5.544	168	110013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	227622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	236857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87301	49.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.700%
35) Dibromofluoromethane	5.373	113	73163	47.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.635	98	250943	47.507	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.061	95	108454	54.100	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.200%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6585	8.649	ug/l	93
37) Ethyl Acetate	4.709	43	36957	15.474	ug/l	99
64) Tetrachloroethene	9.263	164	887	0.574	ug/l #	81

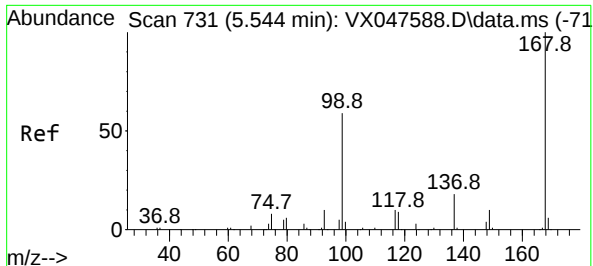
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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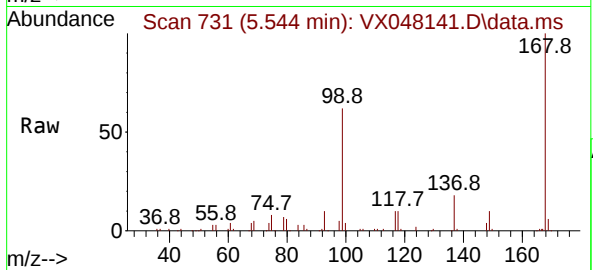
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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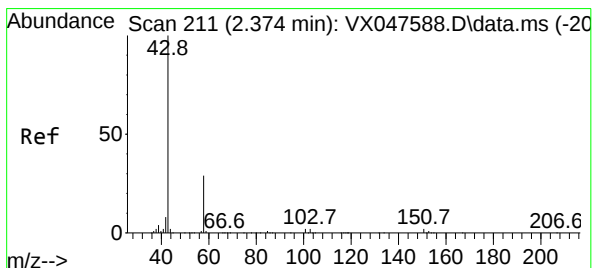
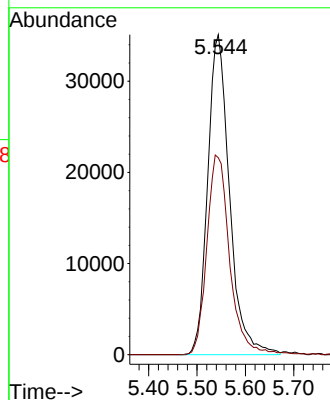
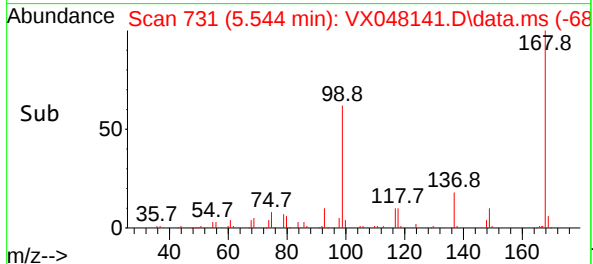


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

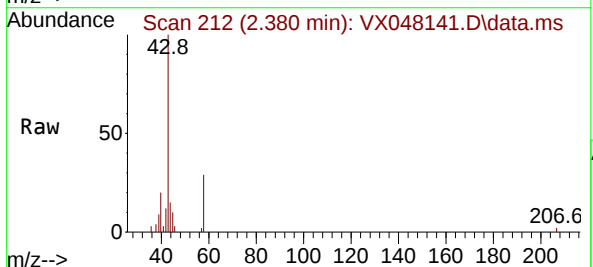
Instrument :
MSVOA_X
ClientSampleId :
RINGWOOD



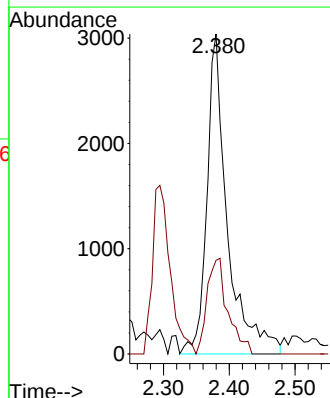
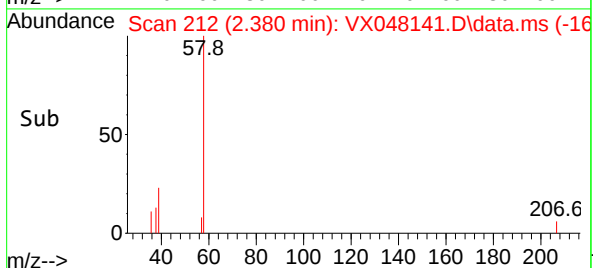
Tgt Ion:168 Resp: 110013
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#16
Acetone
Concen: 8.649 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49



Tgt Ion: 43 Resp: 6585
Ion Ratio Lower Upper
43 100
58 25.4 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 49.854 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048141.D

Acq: 13 Oct 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

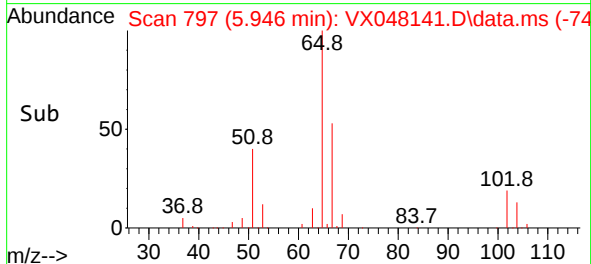
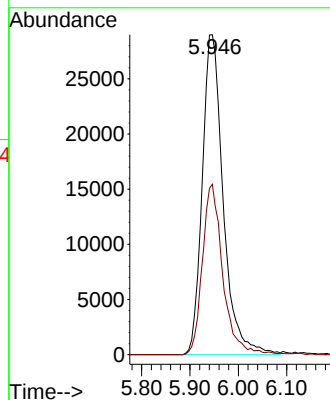
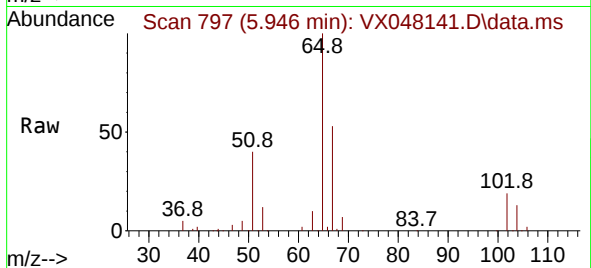
RINGWOOD

Tgt Ion: 65 Resp: 87301

Ion Ratio Lower Upper

65 100

67 51.4 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: VX048141.D

Acq: 13 Oct 2025 14:49

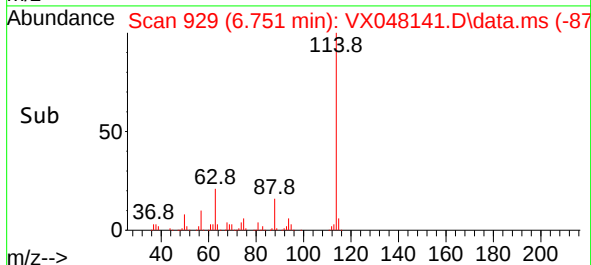
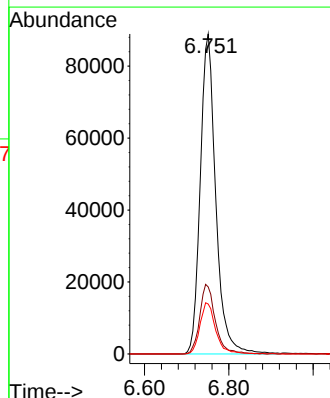
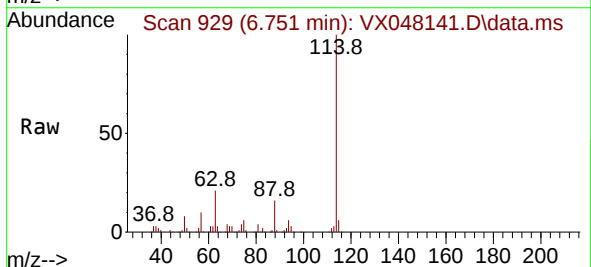
Tgt Ion: 114 Resp: 227622

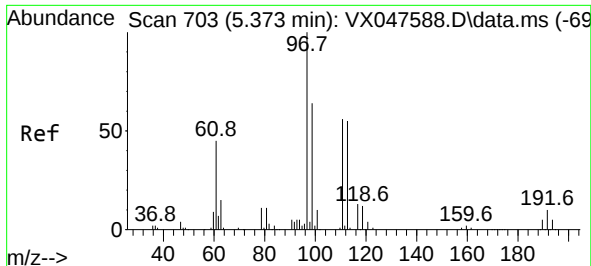
Ion Ratio Lower Upper

114 100

63 23.9 0.0 44.0

88 15.6 0.0 34.2

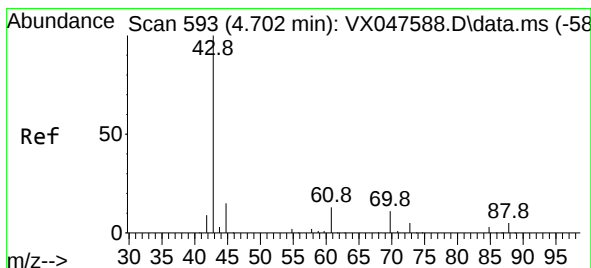
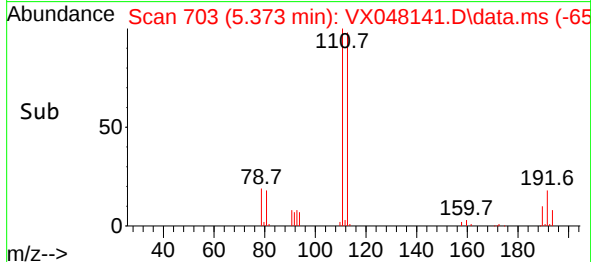
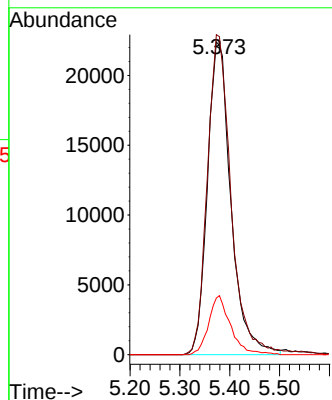
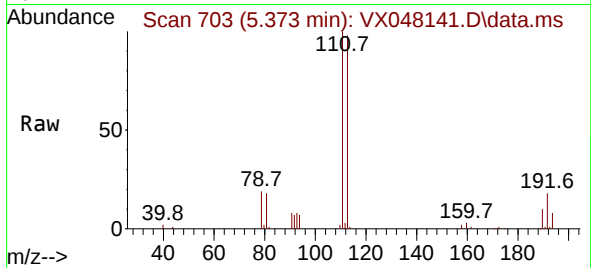




#35
Dibromofluoromethane
Concen: 47.927 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

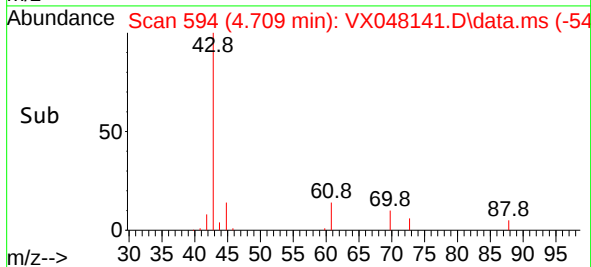
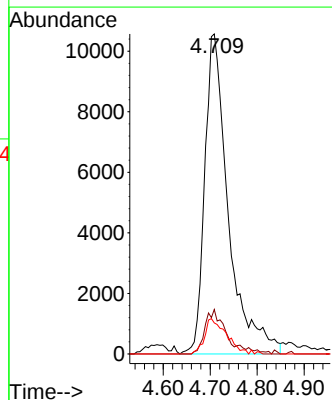
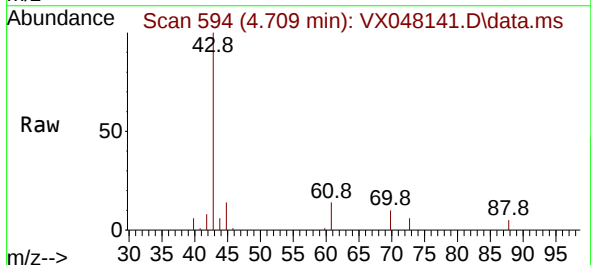
Instrument :
MSVOA_X
ClientSampleId :
RINGWOOD

Tgt Ion:113 Resp: 73163
Ion Ratio Lower Upper
113 100
111 104.4 80.9 121.3
192 17.8 14.2 21.4



#37
Ethyl Acetate
Concen: 15.474 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

Tgt Ion: 43 Resp: 36957
Ion Ratio Lower Upper
43 100
61 12.8 9.8 14.8
70 10.0 7.9 11.9

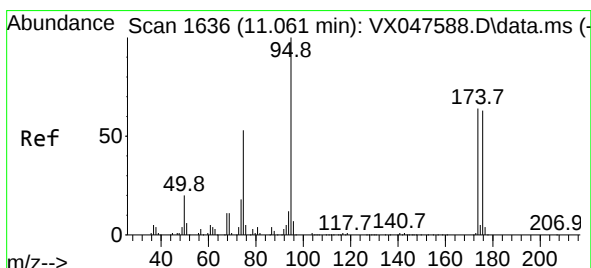
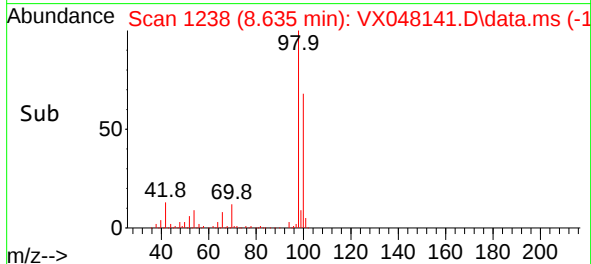
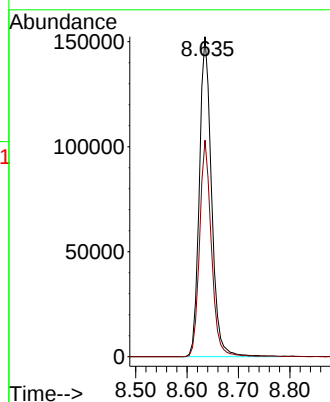
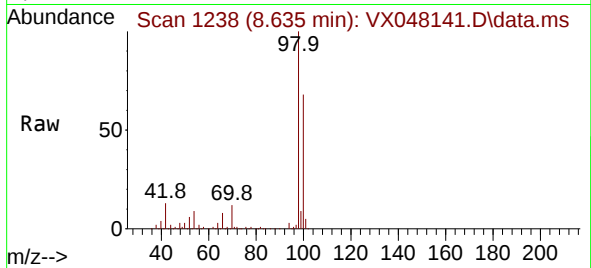




#50
Toluene-d8
Concen: 47.507 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

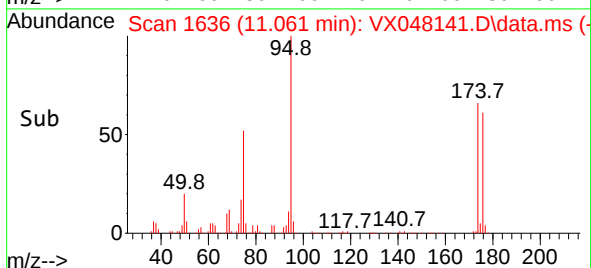
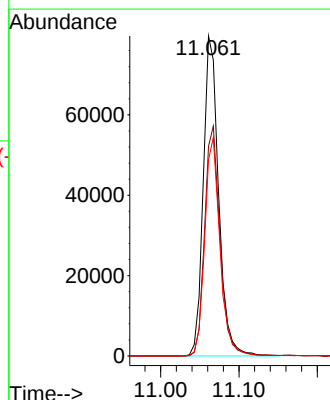
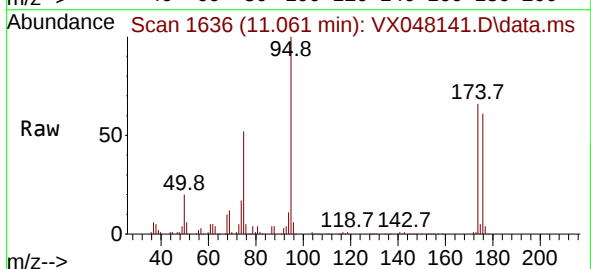
Instrument :
MSVOA_X
ClientSampleId :
RINGWOOD

Tgt Ion: 98 Resp: 250943
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.100 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

Tgt Ion: 95 Resp: 108454
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 67.7 0.0 138.4

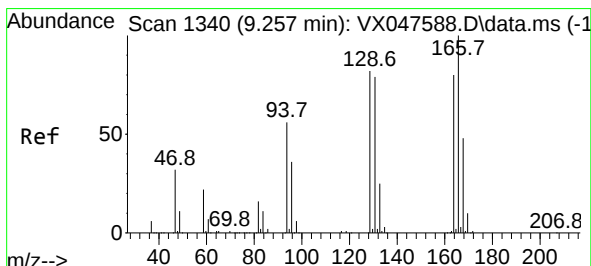
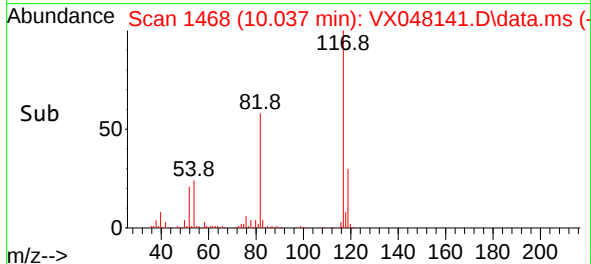
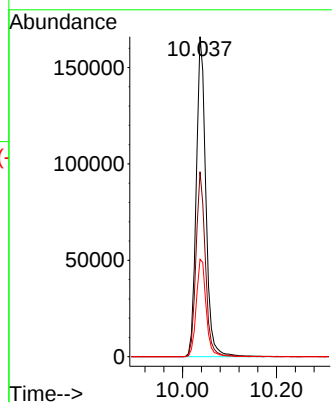
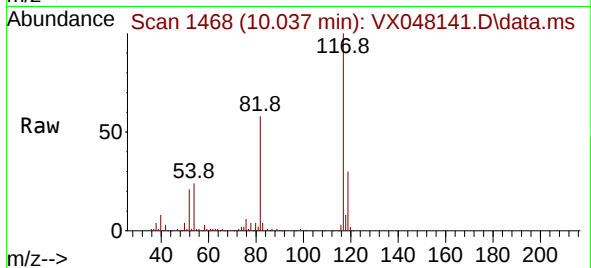




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

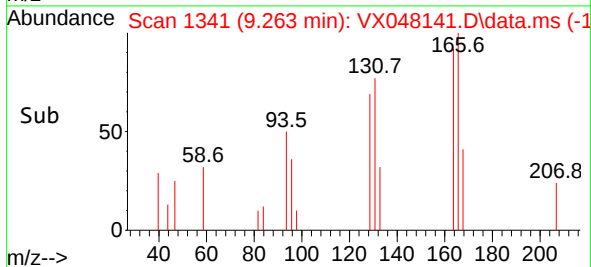
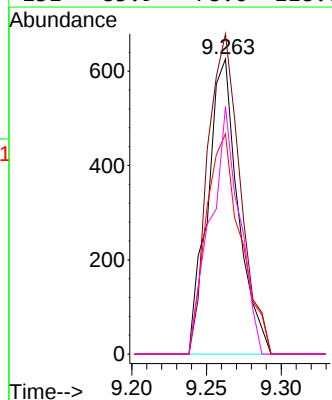
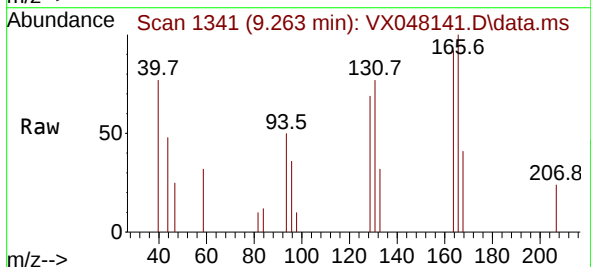
Instrument :
MSVOA_X
ClientSampleId :
RINGWOOD

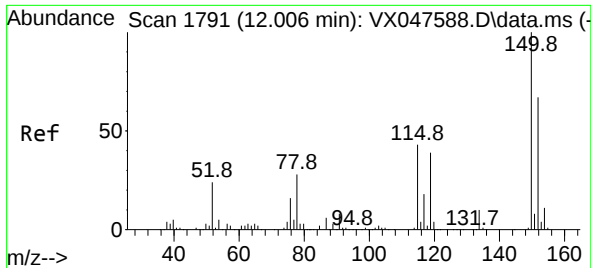
Tgt Ion:117 Resp: 236857
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 30.5 25.2 37.8



#64
Tetrachloroethene
Concen: 0.574 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048141.D
Acq: 13 Oct 2025 14:49

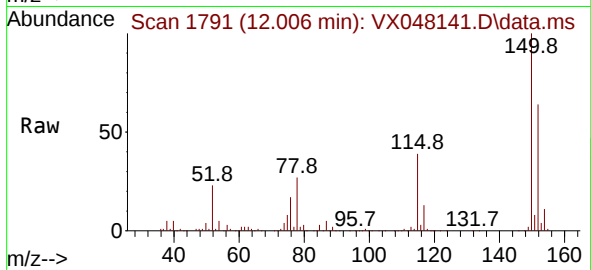
Tgt Ion:164 Resp: 887
Ion Ratio Lower Upper
164 100
166 108.5 100.2 150.2
129 74.6 81.8 122.6#
131 83.9 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048141.D
 Acq: 13 Oct 2025 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 RINGWOOD



Tgt Ion:152 Resp: 116498
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 154.6 0.0 352.0

