

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047750.D
 Acq On : 24 Sep 2025 04:52
 Operator : JC/MD
 Sample : Q3127-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20250915

Quant Time: Sep 24 05:35:04 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)

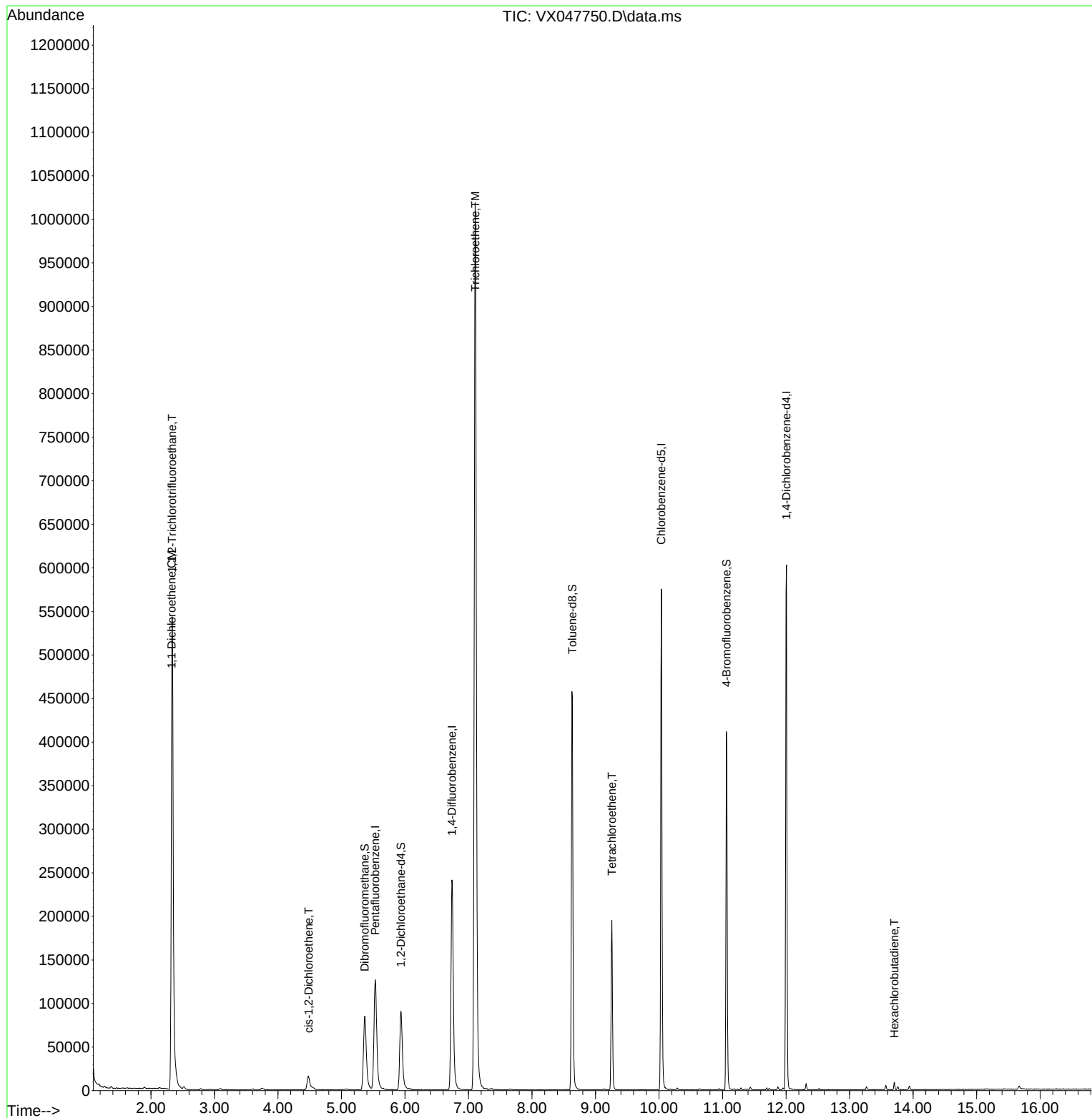
Internal Standards						
1) Pentafluorobenzene	5.531	168	128787	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	267775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	97517	47.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.140%
35) Dibromofluoromethane	5.367	113	83111	46.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.634	98	288338	46.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.061	95	119434	50.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.280%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	258012	173.209	ug/l	99
12) 1,1-Dichloroethene	2.325	96	3121	2.040	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	11038	5.471	ug/l	88
44) Trichloroethene	7.104	130	431582	223.976	ug/l	98
64) Tetrachloroethene	9.256	164	36170	21.443	ug/l	97
94) Hexachlorobutadiene	13.707	225	1100	1.178	ug/l	94

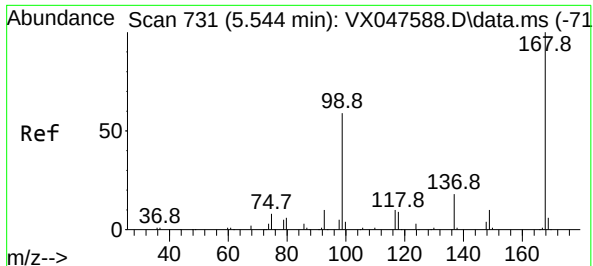
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE131D2-20250915

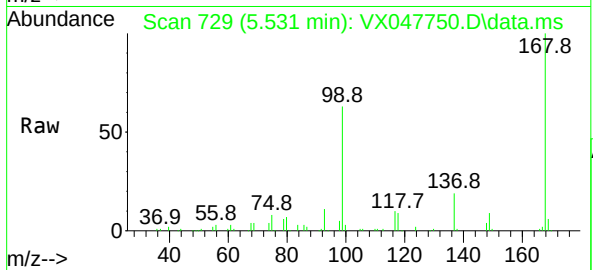
Quant Time: Sep 24 05:35:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



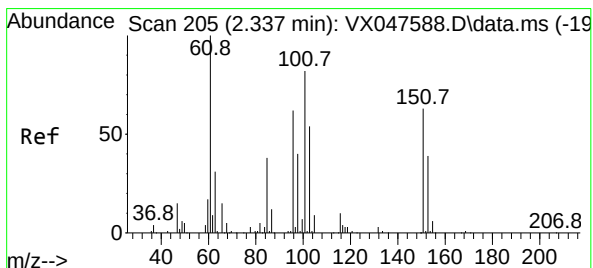
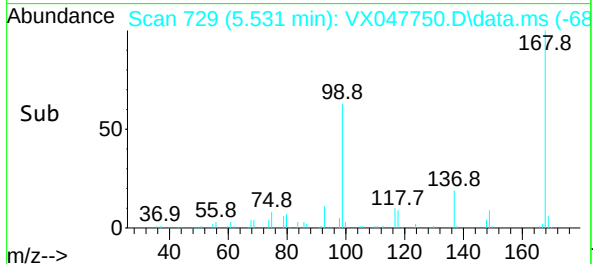
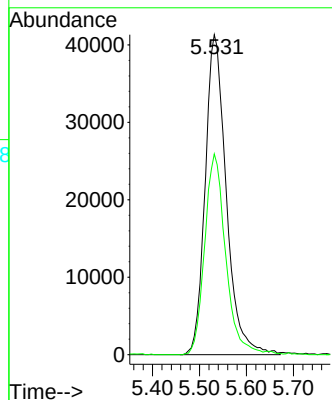


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915

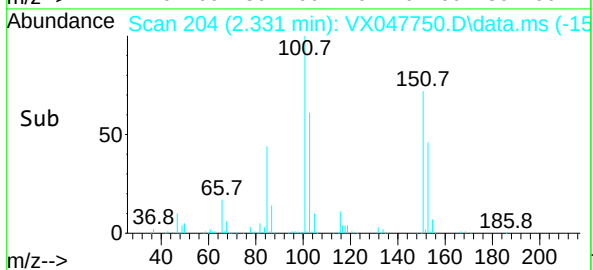
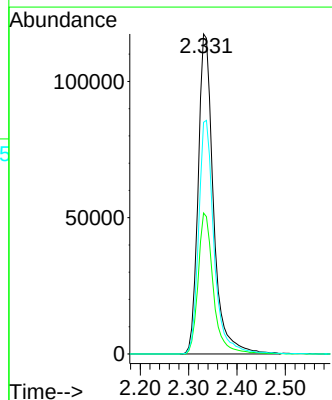
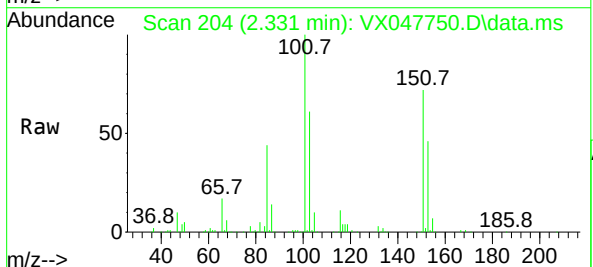


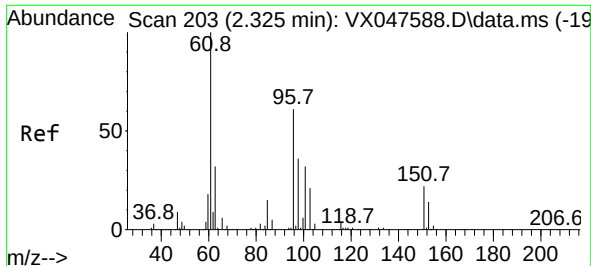
Tgt Ion:168 Resp: 128787
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 173.209 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

Tgt Ion:101 Resp: 258012
Ion Ratio Lower Upper
101 100
85 43.8 35.5 53.3
151 73.5 59.4 89.0





#12

1,1-Dichloroethene

Concen: 2.040 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047750.D

Acq: 24 Sep 2025 04:52

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20250915

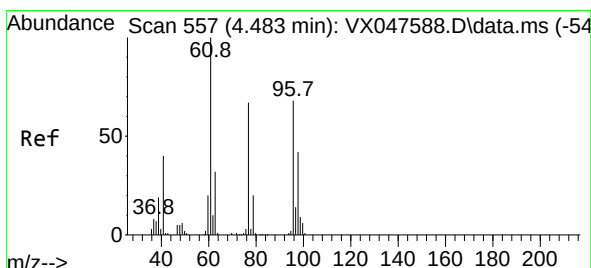
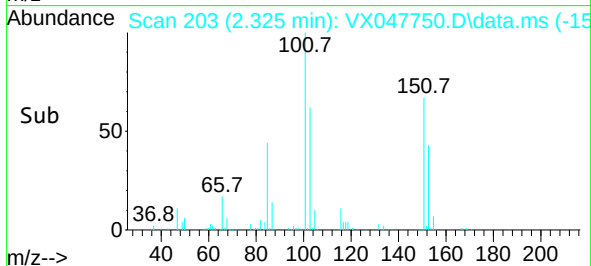
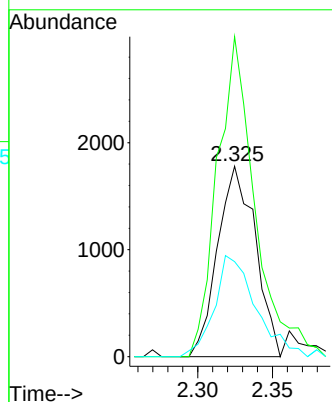
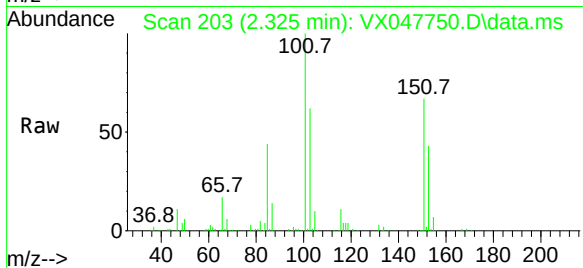
Tgt Ion: 96 Resp: 3121

Ion Ratio Lower Upper

96 100

61 168.1 131.0 196.6

98 49.9 47.7 71.5



#27

cis-1,2-Dichloroethene

Concen: 5.471 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047750.D

Acq: 24 Sep 2025 04:52

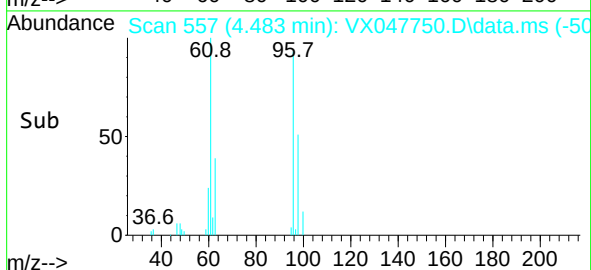
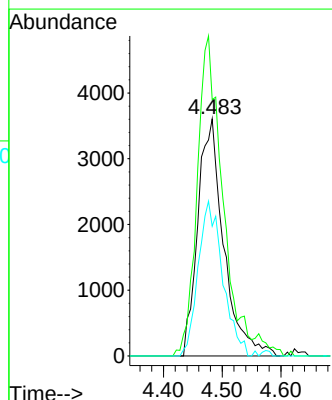
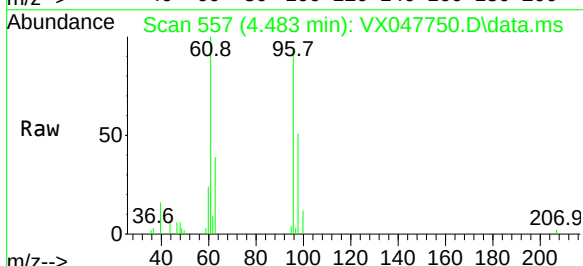
Tgt Ion: 96 Resp: 11038

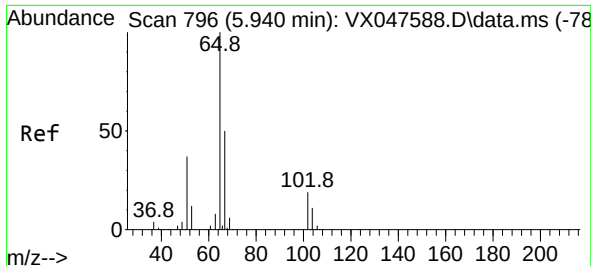
Ion Ratio Lower Upper

96 100

61 130.9 0.0 303.2

98 61.8 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 47.570 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047750.D

Acq: 24 Sep 2025 04:52

Instrument :

MSVOA_X

ClientSampleId :

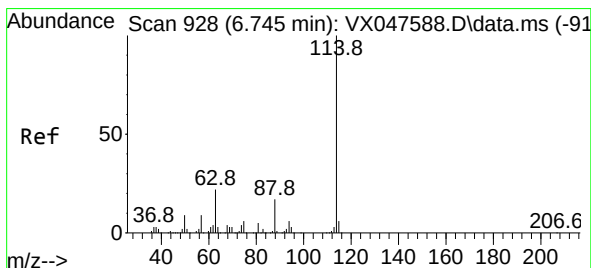
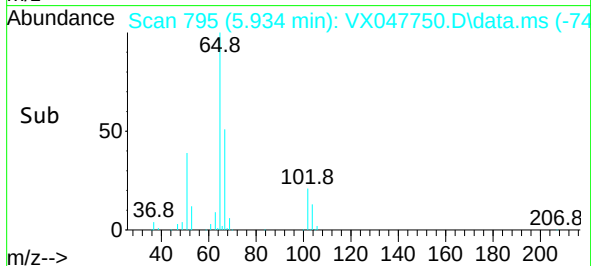
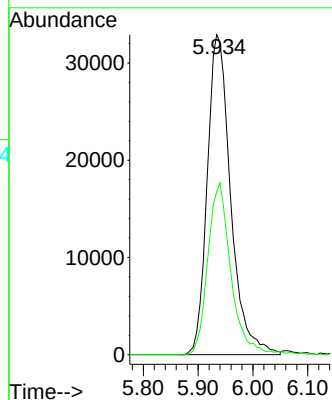
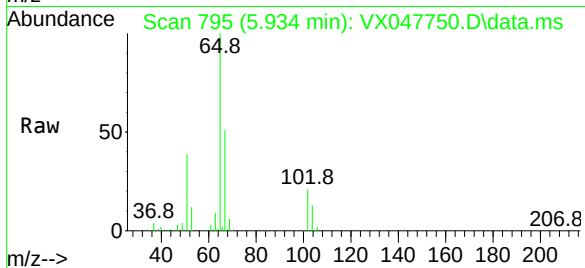
RE131D2-20250915

Tgt Ion: 65 Resp: 97517

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047750.D

Acq: 24 Sep 2025 04:52

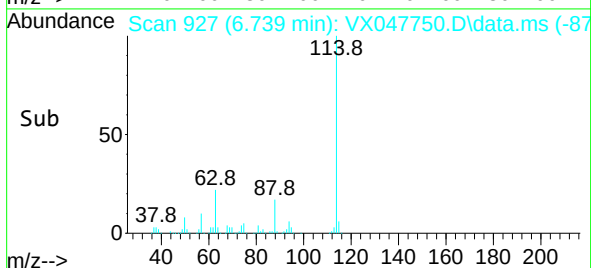
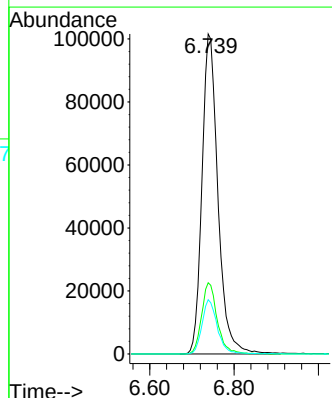
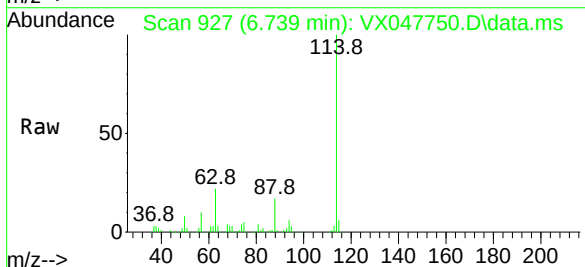
Tgt Ion: 114 Resp: 267775

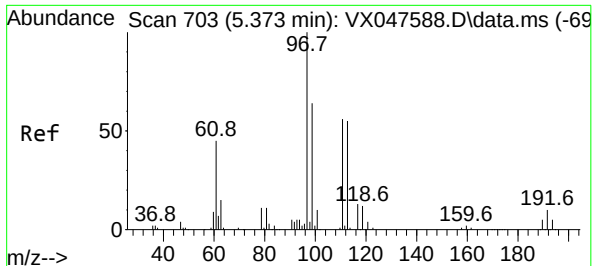
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.9 0.0 34.2

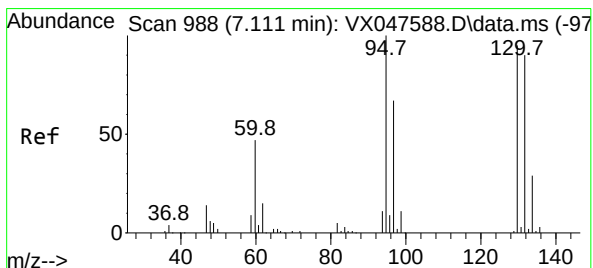
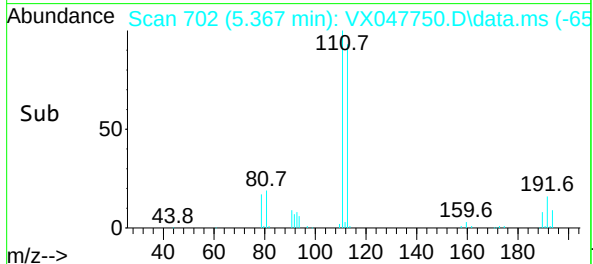
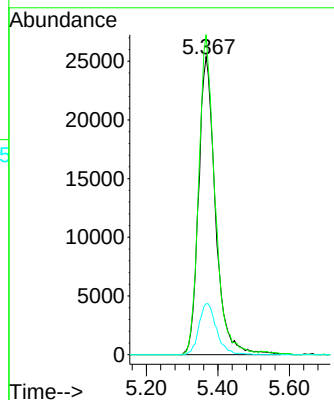
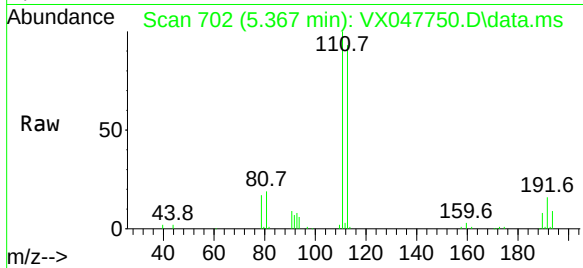




#35
Dibromofluoromethane
Concen: 46.280 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

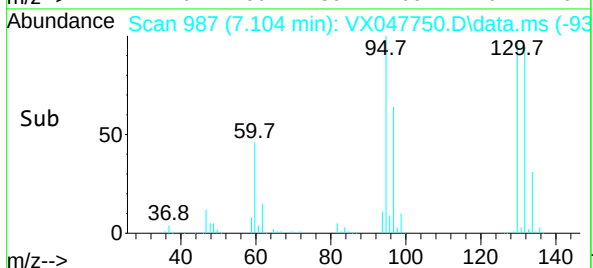
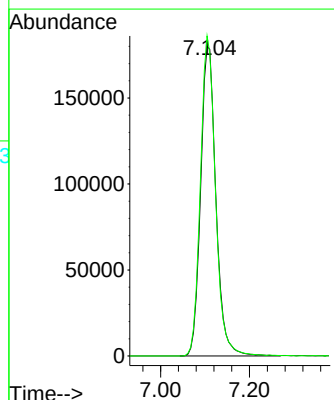
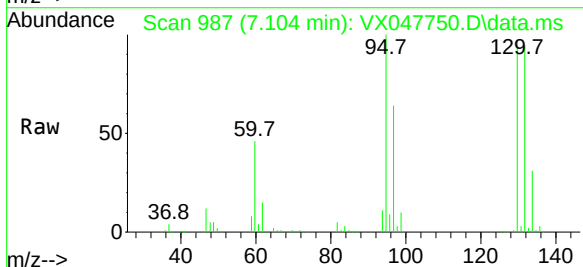
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250915

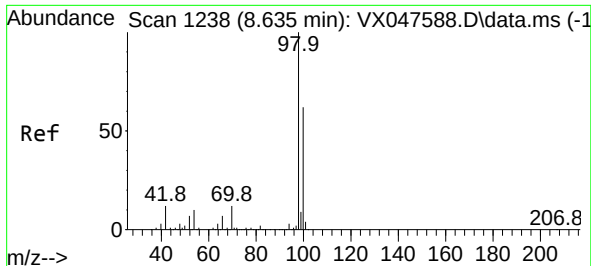
Tgt Ion:113 Resp: 83111
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 17.7 14.2 21.4



#44
Trichloroethene
Concen: 223.976 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

Tgt Ion:130 Resp: 431582
Ion Ratio Lower Upper
130 100
95 103.3 0.0 210.8

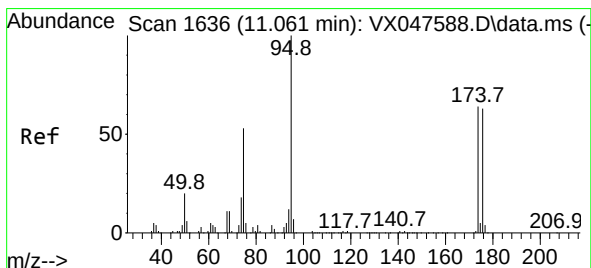
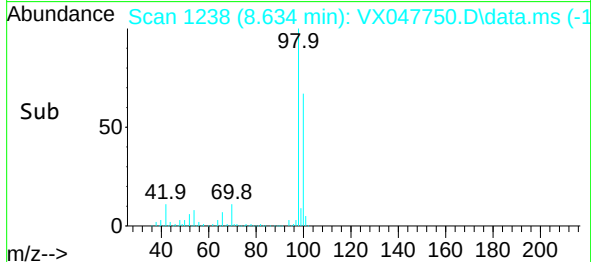
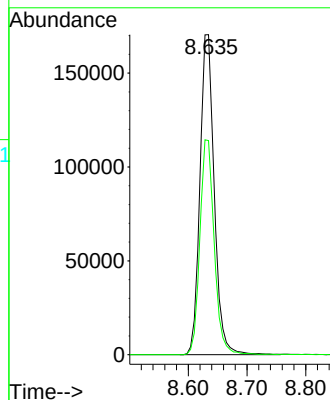
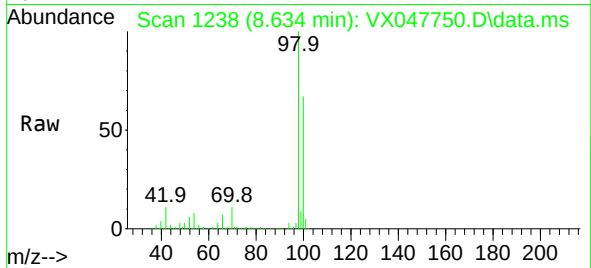




#50
Toluene-d8
Concen: 46.401 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

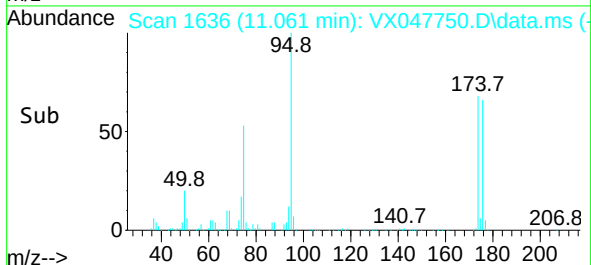
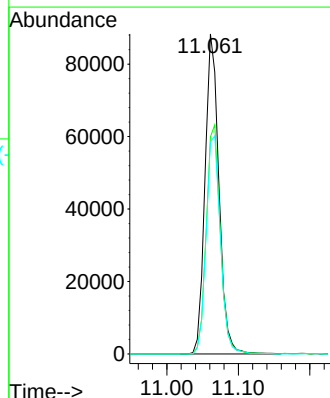
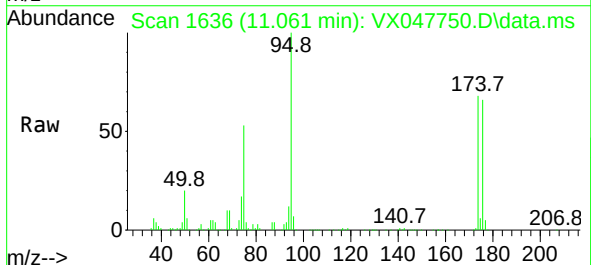
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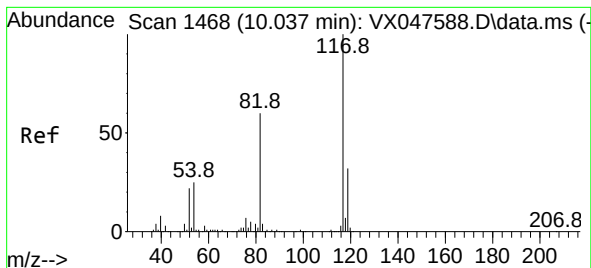
Tgt Ion: 98 Resp: 288338
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.644 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

Tgt Ion: 95 Resp: 119434
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.2 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: VX047750.D

Acq: 24 Sep 2025 04:52

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20250915

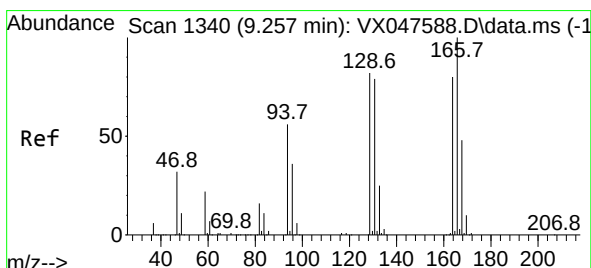
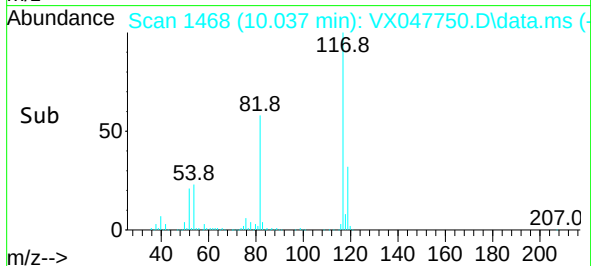
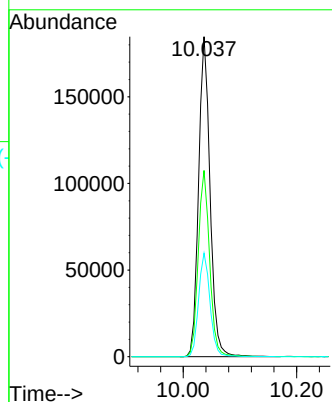
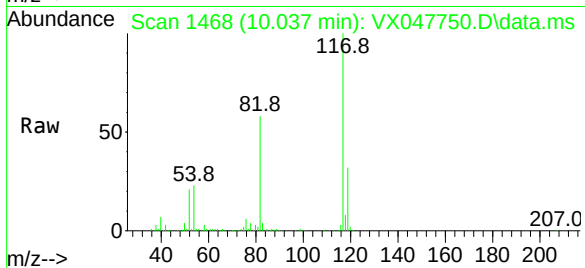
Tgt Ion:117 Resp: 258758

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 32.3 25.2 37.8



#64

Tetrachloroethene

Concen: 21.443 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047750.D

Acq: 24 Sep 2025 04:52

Tgt Ion:164 Resp: 36170

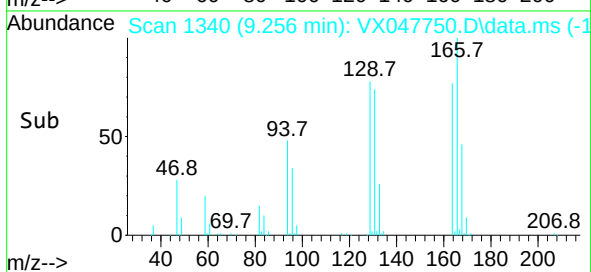
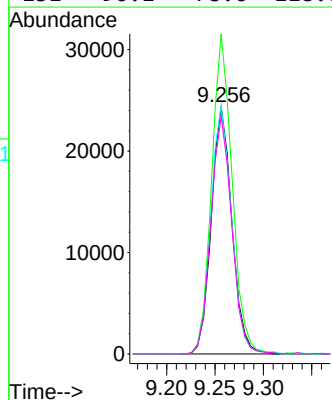
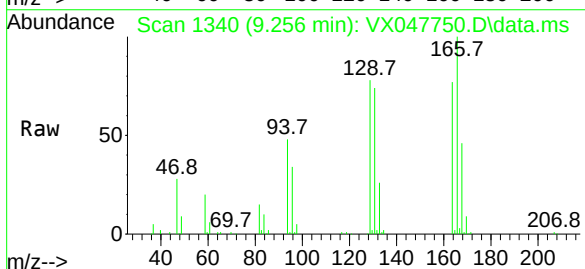
Ion Ratio Lower Upper

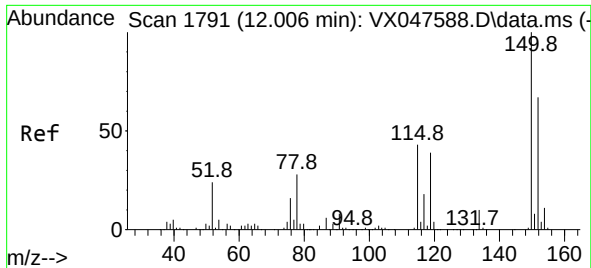
164 100

166 129.5 100.2 150.2

129 100.6 81.8 122.6

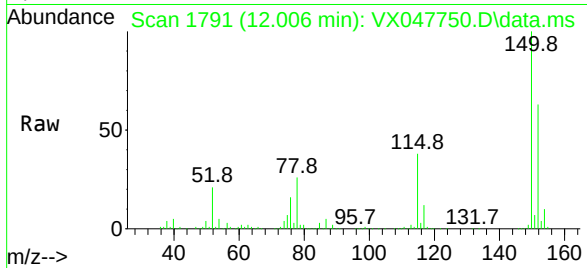
131 96.1 78.6 118.0



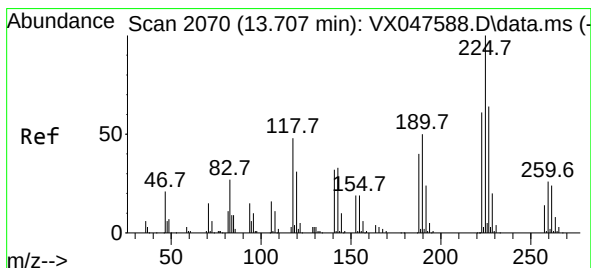
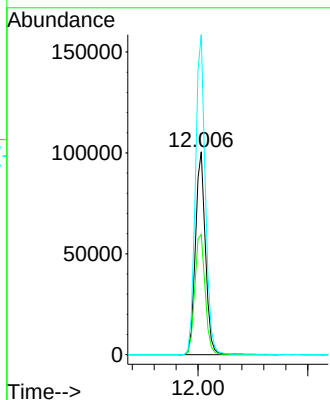
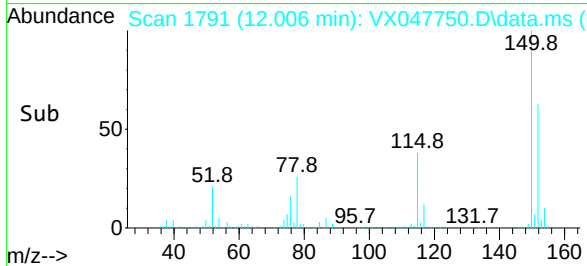


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52

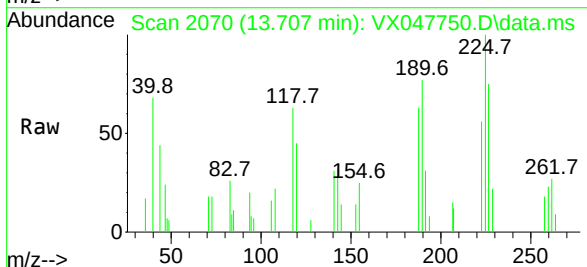
Instrument :
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Tgt Ion:152 Resp: 127680
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 156.9 0.0 352.0



#94
Hexachlorobutadiene
Concen: 1.178 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047750.D
Acq: 24 Sep 2025 04:52



Tgt Ion:225 Resp: 1100
Ion Ratio Lower Upper
225 100
223 67.8 31.7 95.1
227 68.2 32.0 96.0

