

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047763.D
 Acq On : 24 Sep 2025 09:25
 Operator : JC/MD
 Sample : Q3097-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250912

Quant Time: Sep 25 01:20:13 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)

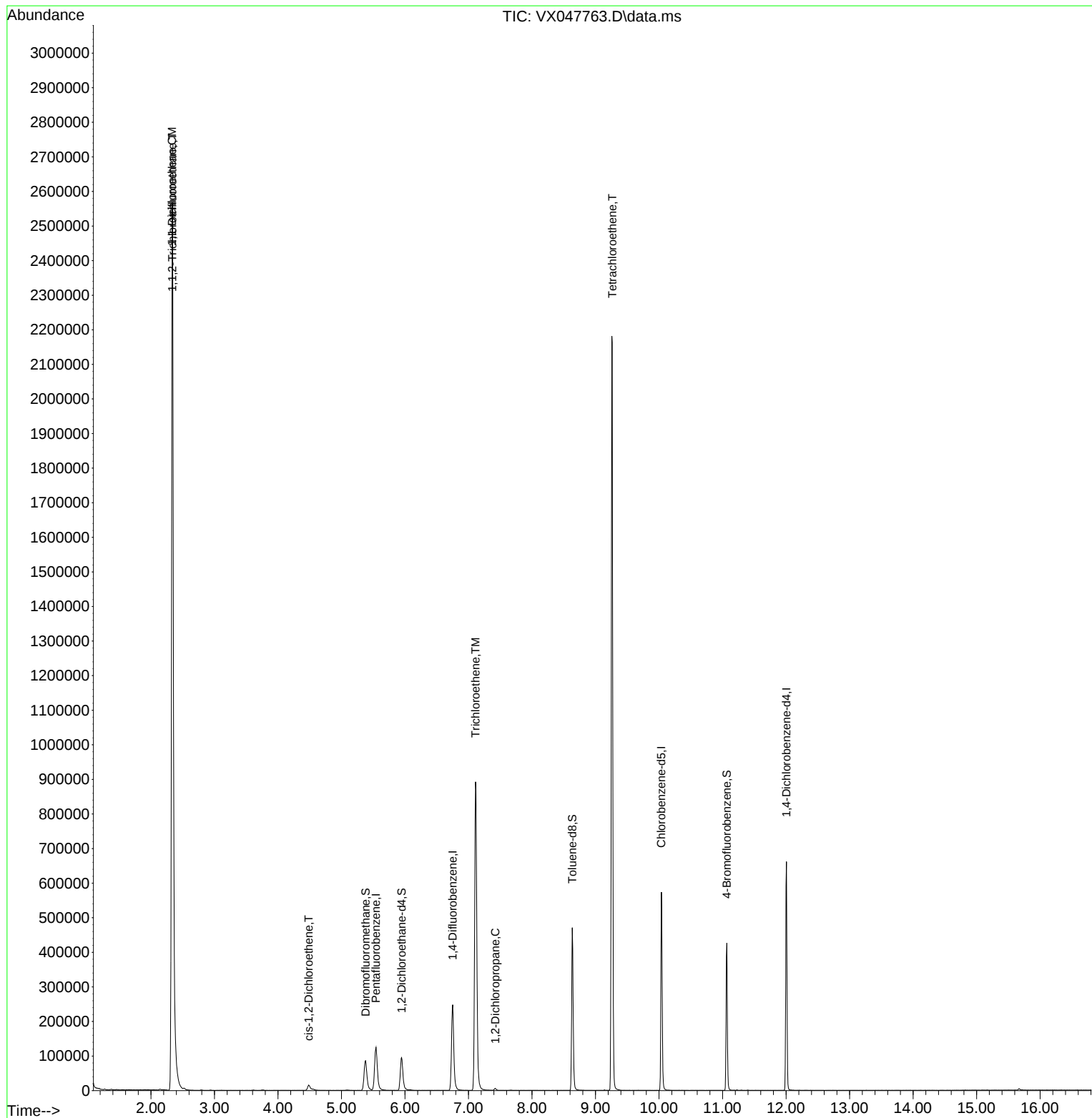
Internal Standards						
1) Pentafluorobenzene	5.544	168	124480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	269681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102695	51.829	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.660%		
35) Dibromofluoromethane	5.379	113	84691	46.826	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.660%		
50) Toluene-d8	8.634	98	286083	45.713	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 91.420%#		
62) 4-Bromofluorobenzene	11.067	95	121659	51.223	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.440%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1200278	833.652	ug/l	99
12) 1,1-Dichloroethene	2.331	96	9454	6.392	ug/l #	77
27) cis-1,2-Dichloroethene	4.483	96	10892	5.586	ug/l	88
44) Trichloroethene	7.110	130	378121	194.845	ug/l	97
45) 1,2-Dichloropropane	7.421	63	2305	1.121	ug/l	90
64) Tetrachloroethene	9.262	164	428438	245.927	ug/l	98

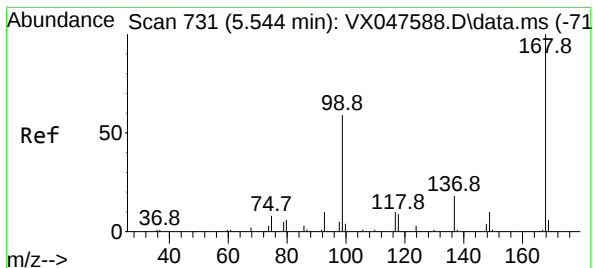
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
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RE134D3-20250912

Quant Time: Sep 25 01:20:13 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: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047763.D

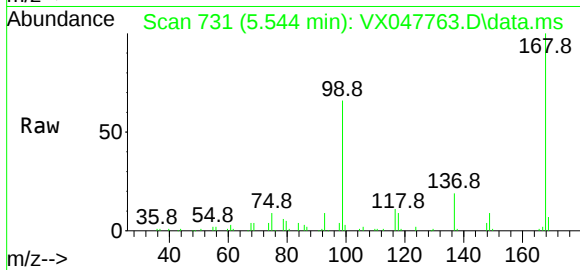
Acq: 24 Sep 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20250912

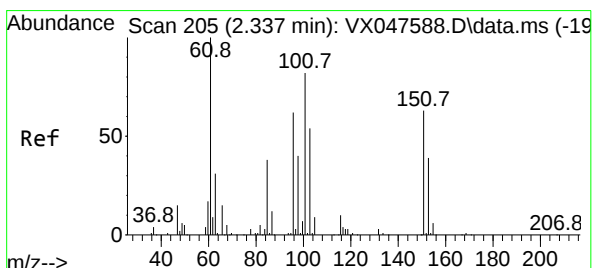
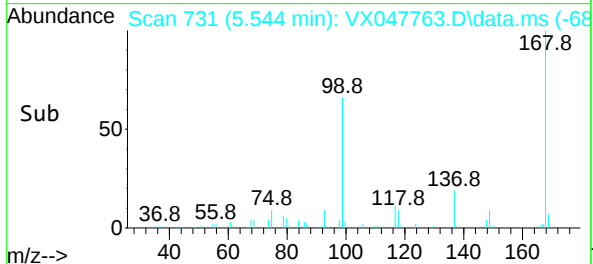
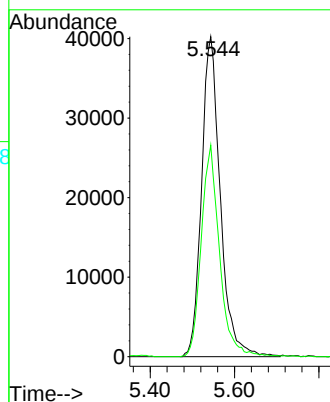


Tgt Ion:168 Resp: 124480

Ion Ratio Lower Upper

168 100

99 66.1 48.8 73.2



#9

1,1,2-Trichlorotrifluoroethane

Concen: 833.652 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX047763.D

Acq: 24 Sep 2025 09:25

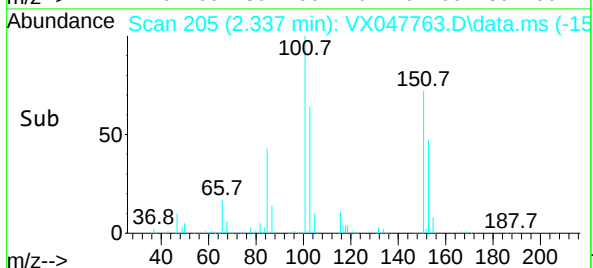
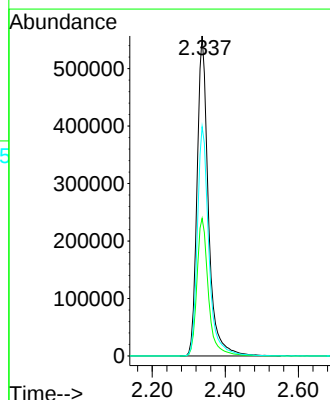
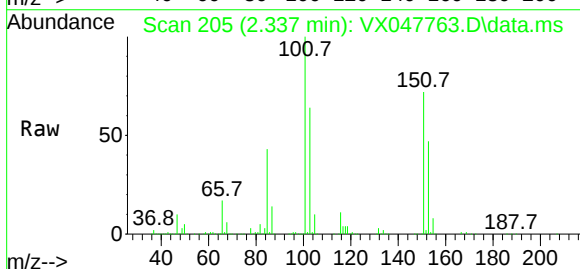
Tgt Ion:101 Resp: 1200278

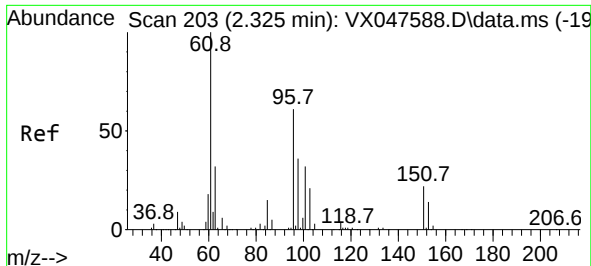
Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

151 73.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 6.392 ug/l

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX047763.D

Acq: 24 Sep 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20250912

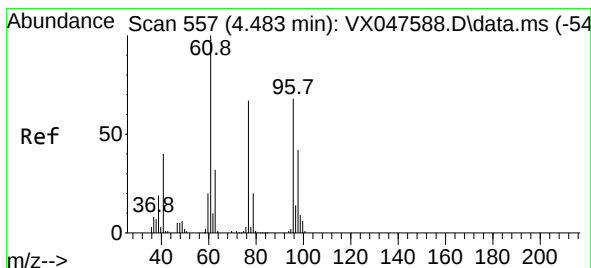
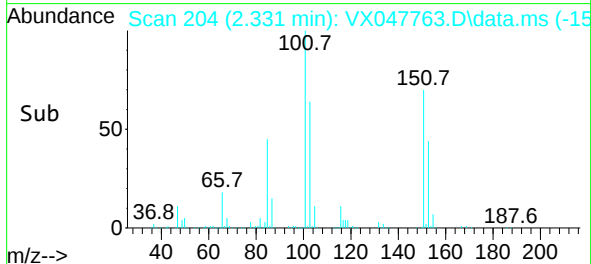
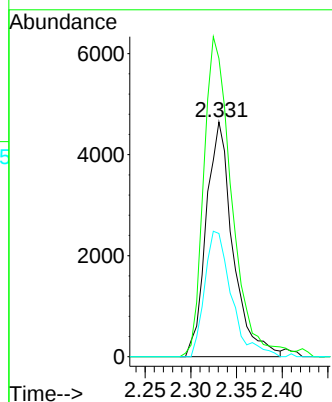
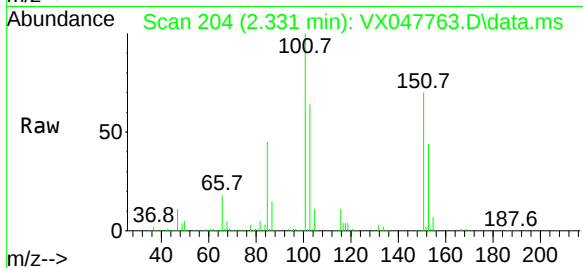
Tgt Ion: 96 Resp: 9454

Ion Ratio Lower Upper

96 100

61 127.1 131.0 196.6#

98 52.5 47.7 71.5



#27

cis-1,2-Dichloroethene

Concen: 5.586 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047763.D

Acq: 24 Sep 2025 09:25

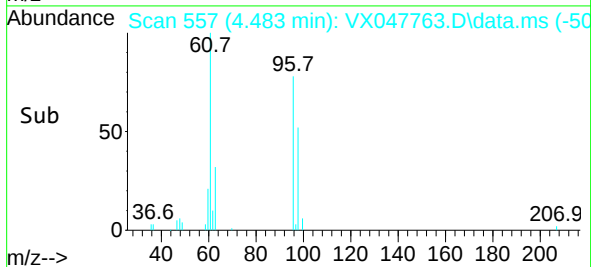
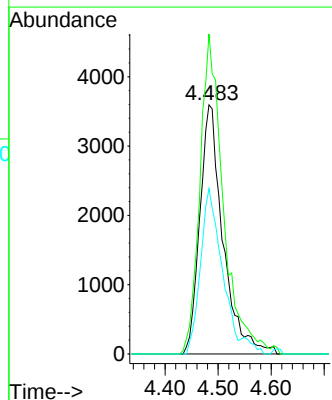
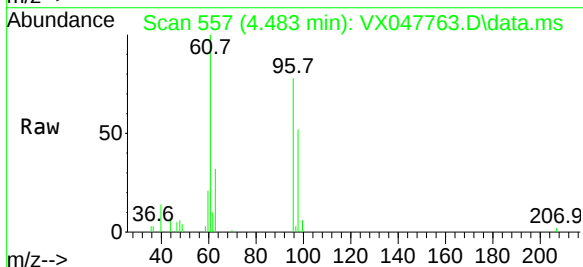
Tgt Ion: 96 Resp: 10892

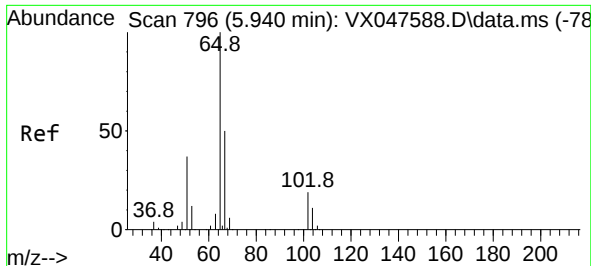
Ion Ratio Lower Upper

96 100

61 130.3 0.0 303.2

98 64.3 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 51.829 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047763.D

Acq: 24 Sep 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

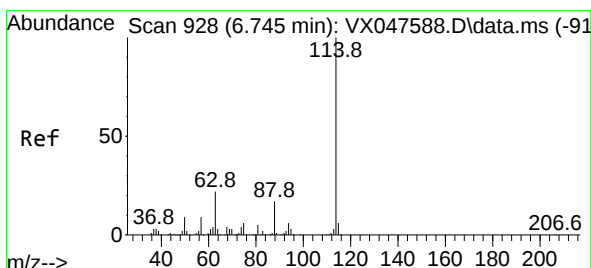
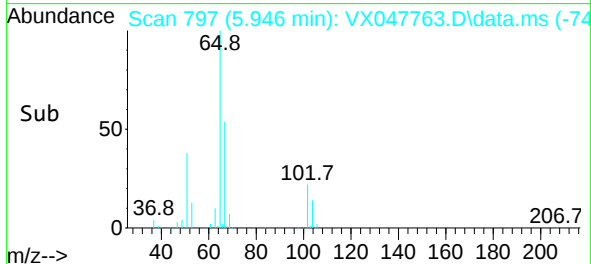
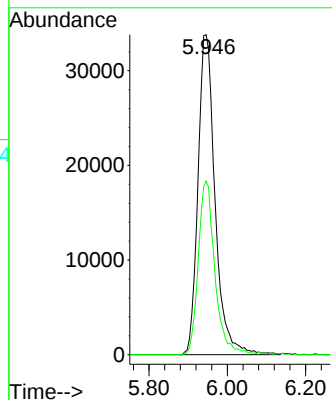
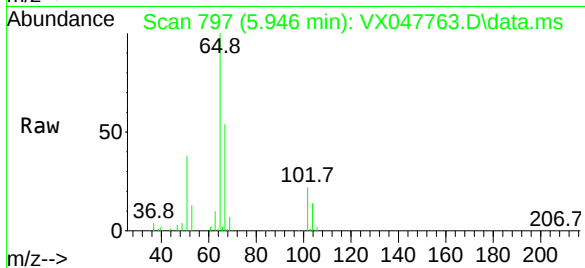
RE134D3-20250912

Tgt Ion: 65 Resp: 102695

Ion Ratio Lower Upper

65 100

67 52.7 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: VX047763.D

Acq: 24 Sep 2025 09:25

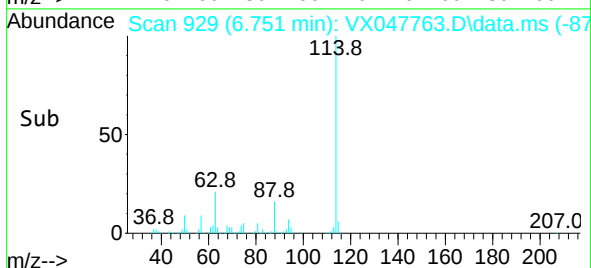
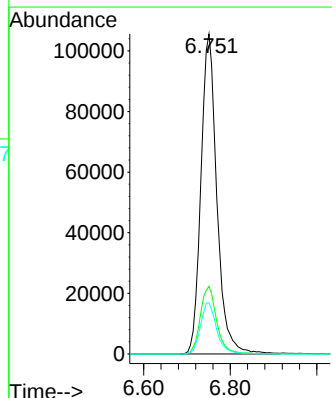
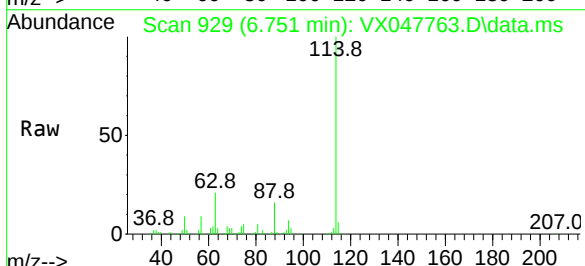
Tgt Ion: 114 Resp: 269681

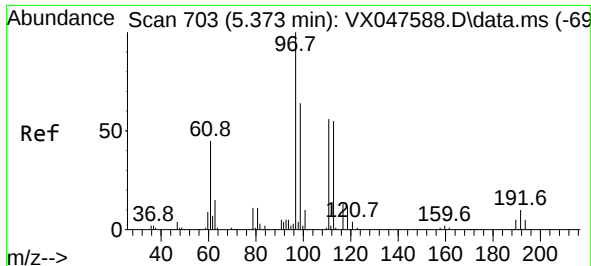
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.0 0.0 34.2

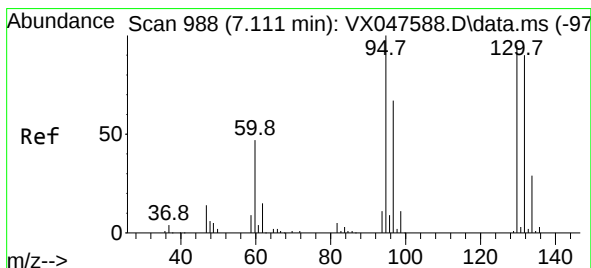
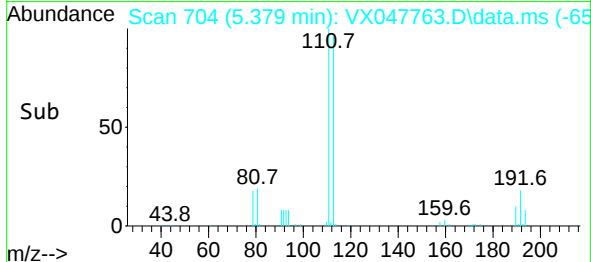
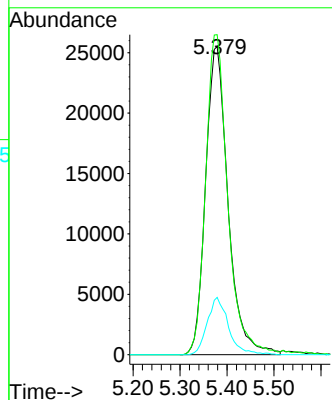
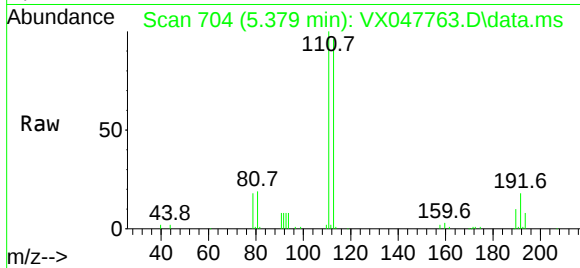




#35
 Dibromofluoromethane
 Concen: 46.826 ug/l
 RT: 5.379 min Scan# 703
 Delta R.T. 0.006 min
 Lab File: VX047763.D
 Acq: 24 Sep 2025 09:25

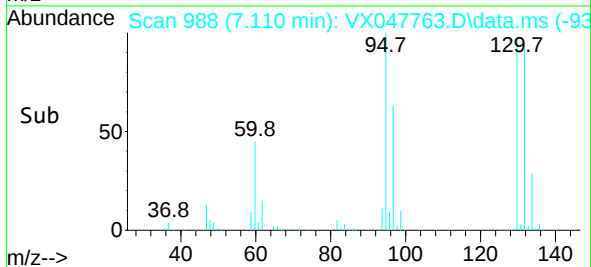
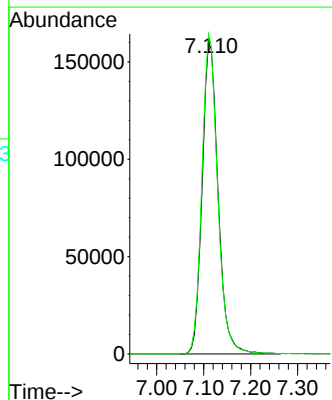
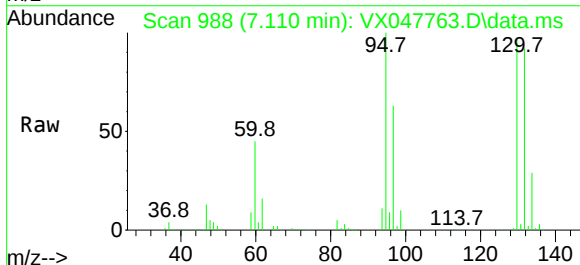
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250912

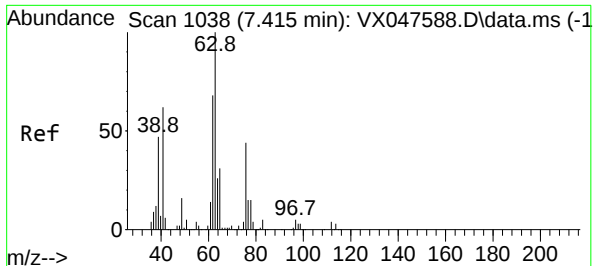
Tgt Ion:113 Resp: 84691
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.9 121.3
 192 17.6 14.2 21.4



#44
 Trichloroethene
 Concen: 194.845 ug/l
 RT: 7.110 min Scan# 988
 Delta R.T. -0.000 min
 Lab File: VX047763.D
 Acq: 24 Sep 2025 09:25

Tgt Ion:130 Resp: 378121
 Ion Ratio Lower Upper
 130 100
 95 102.6 0.0 210.8





#45

1,2-Dichloropropane

Concen: 1.121 ug/l

RT: 7.421 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VX047763.D

Acq: 24 Sep 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

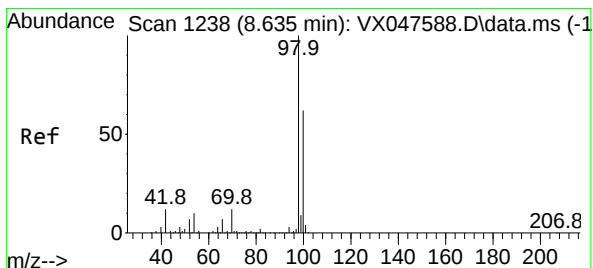
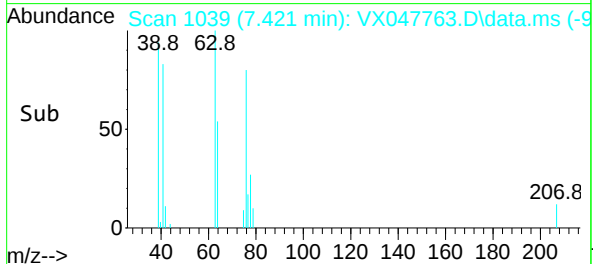
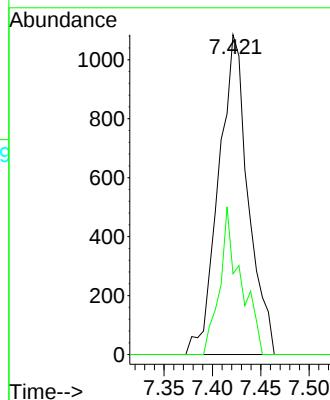
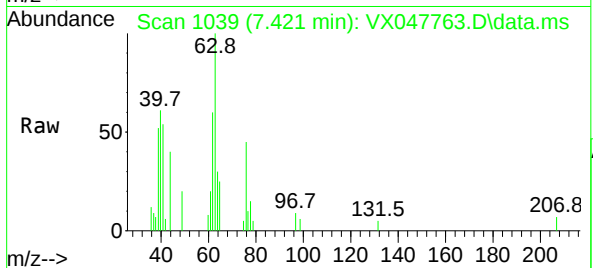
RE134D3-20250912

Tgt Ion: 63 Resp: 2305

Ion Ratio Lower Upper

63 100

65 25.3 24.7 37.1



#50

Toluene-d8

Concen: 45.713 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047763.D

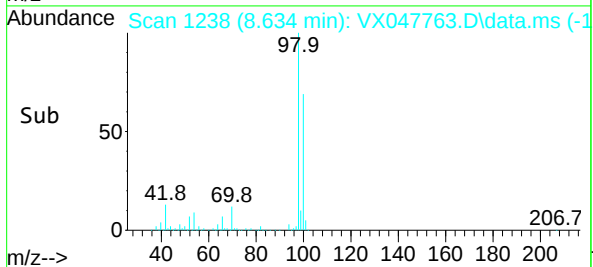
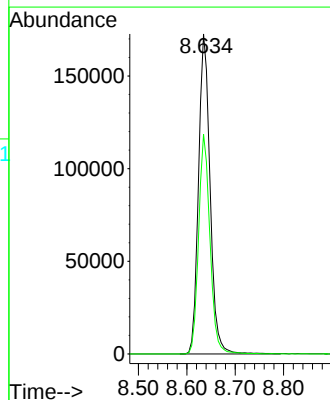
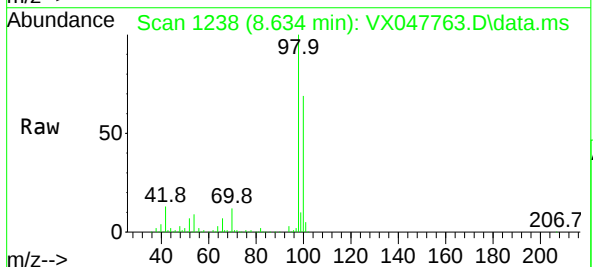
Acq: 24 Sep 2025 09:25

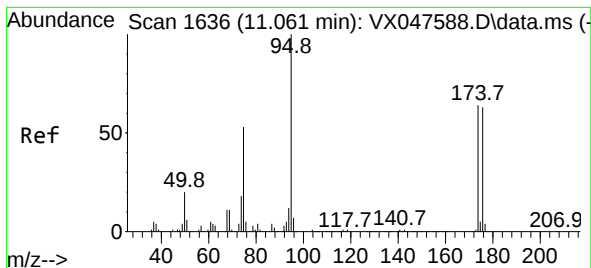
Tgt Ion: 98 Resp: 286083

Ion Ratio Lower Upper

98 100

100 67.5 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 51.223 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047763.D

Acq: 24 Sep 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20250912

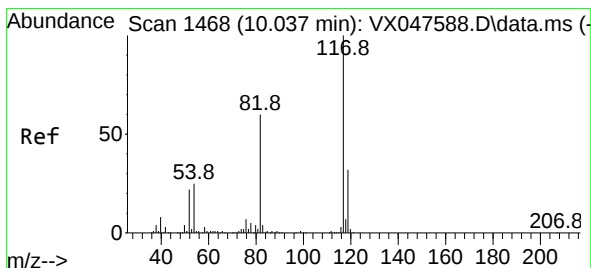
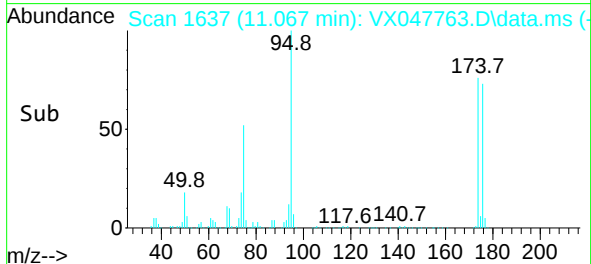
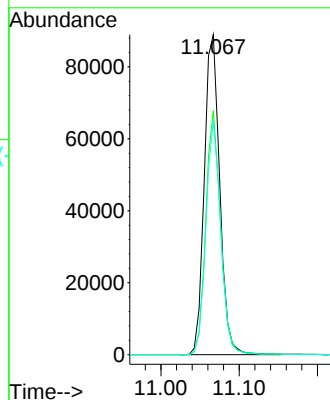
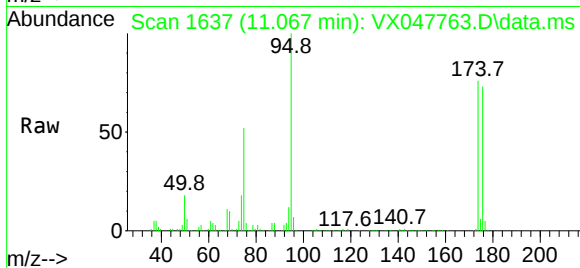
Tgt Ion: 95 Resp: 121659

Ion Ratio Lower Upper

95 100

174 73.3 0.0 141.6

176 70.0 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: VX047763.D

Acq: 24 Sep 2025 09:25

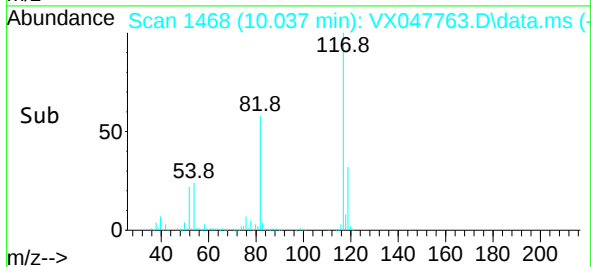
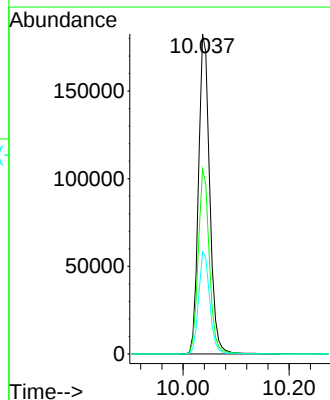
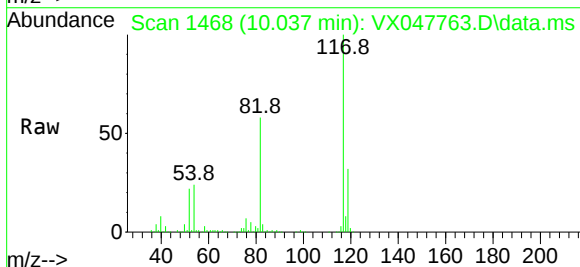
Tgt Ion: 117 Resp: 267242

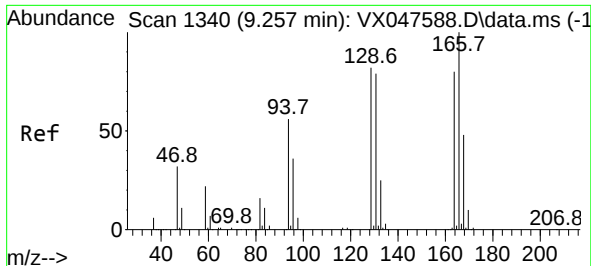
Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 32.0 25.2 37.8

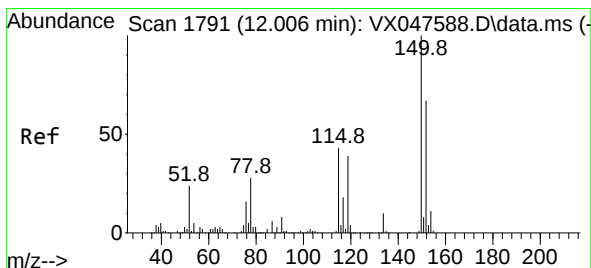
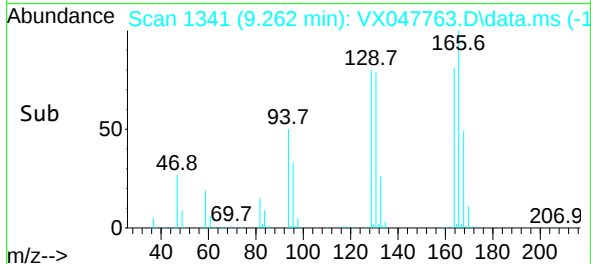
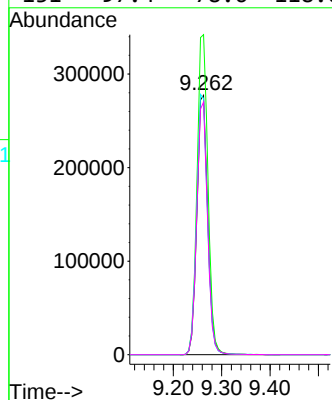
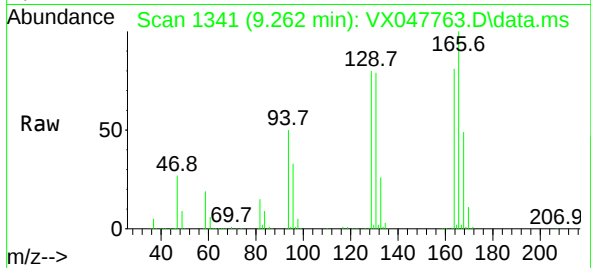




#64
Tetrachloroethene
Concen: 245.927 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047763.D
Acq: 24 Sep 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250912

Tgt Ion:164 Resp: 428438
Ion Ratio Lower Upper
164 100
166 123.4 100.2 150.2
129 98.7 81.8 122.6
131 97.4 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047763.D
Acq: 24 Sep 2025 09:25

Tgt Ion:152 Resp: 134755
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 161.8 0.0 352.0

