

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025784.D
 Acq On : 14 Dec 2021 18:07
 Operator : JC/MD
 Sample : M4988-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20211207

Quant Time: Dec 15 07:07:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

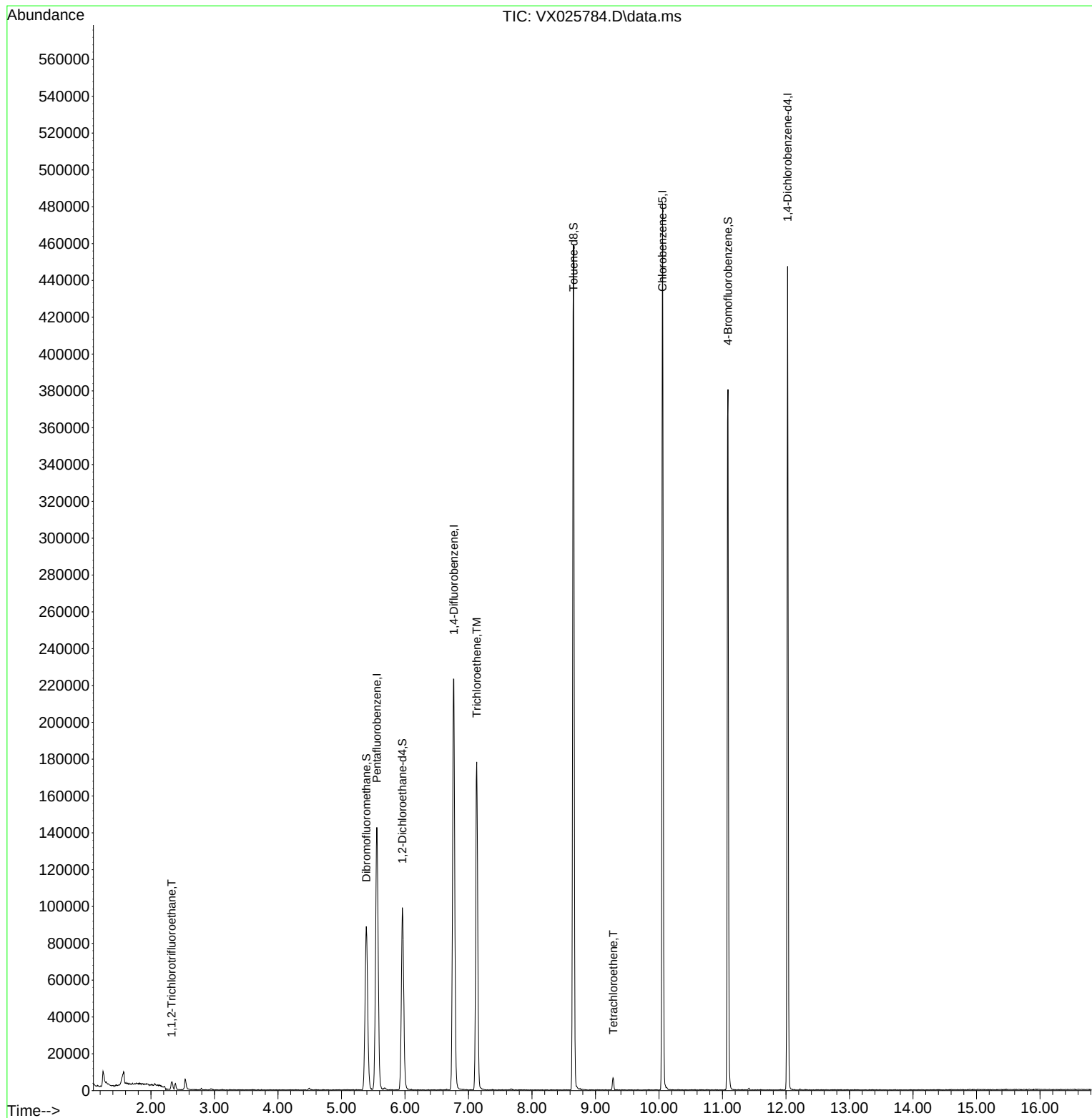
Internal Standards						
1) Pentafluorobenzene	5.556	168	133324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89890	46.859	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.391	113	75183	46.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.653	98	272532	46.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.200%
62) 4-Bromofluorobenzene	11.085	95	105685	47.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.120%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1538	1.083	ug/l	97
44) Trichloroethene	7.129	130	69014	37.768	ug/l	94
64) Tetrachloroethene	9.281	164	1291	0.760	ug/l	95

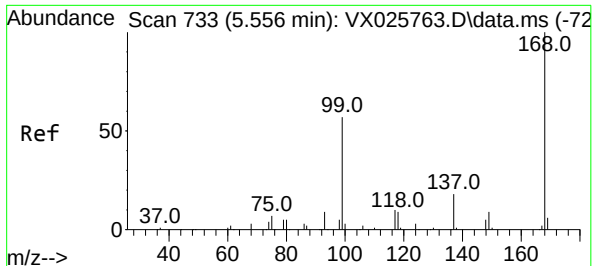
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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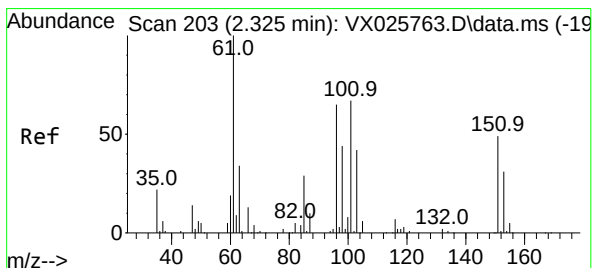
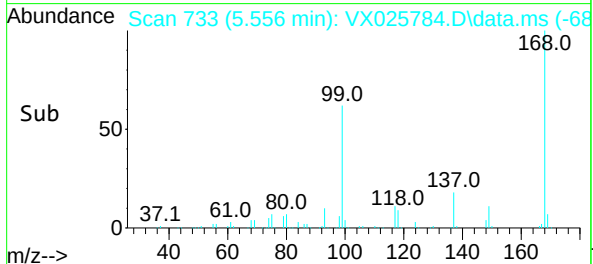
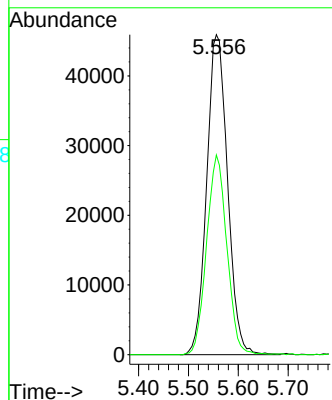
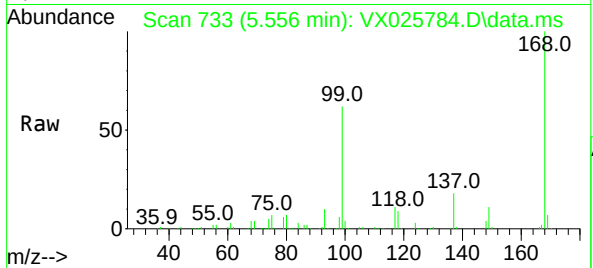




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

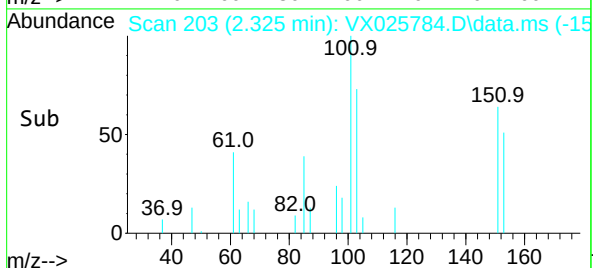
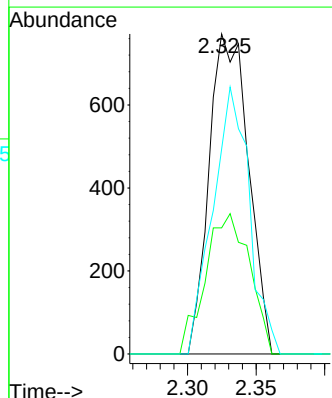
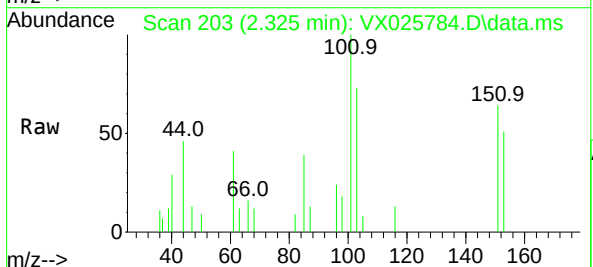
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20211207

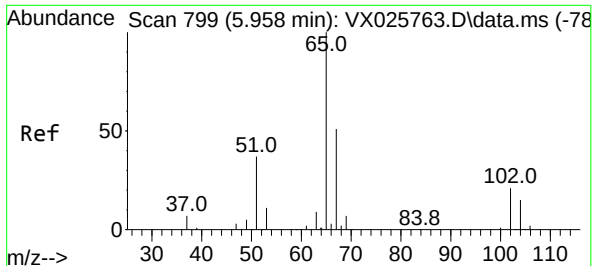
Tgt Ion:168 Resp: 133324
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.083 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

Tgt Ion:101 Resp: 1538
Ion Ratio Lower Upper
101 100
85 49.3 36.5 54.7
151 77.4 60.6 90.8





#33

1,2-Dichloroethane-d4

Concen: 46.859 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025784.D

Acq: 14 Dec 2021 18:07

Instrument :

MSVOA_X

ClientSampleId :

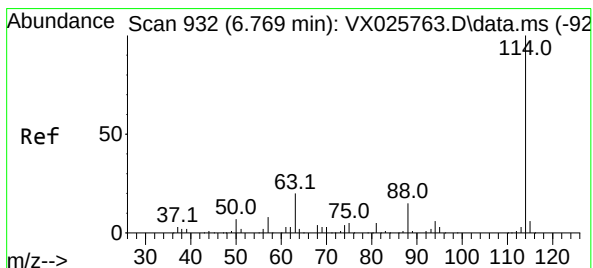
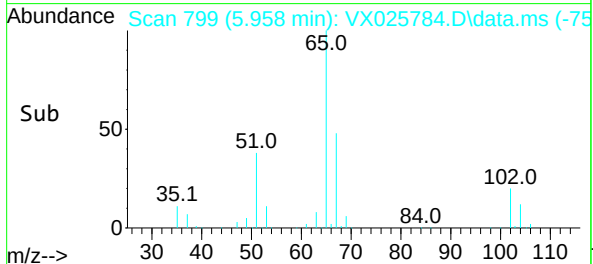
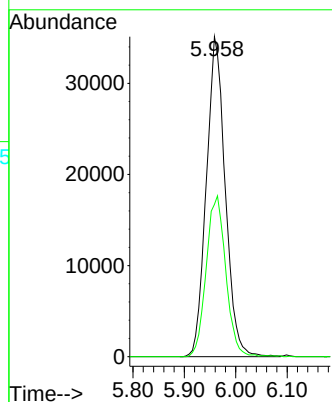
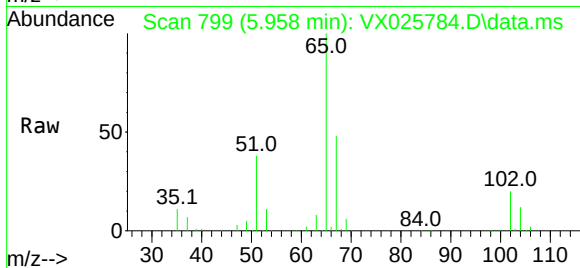
RE109D3-20211207

Tgt Ion: 65 Resp: 89890

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025784.D

Acq: 14 Dec 2021 18:07

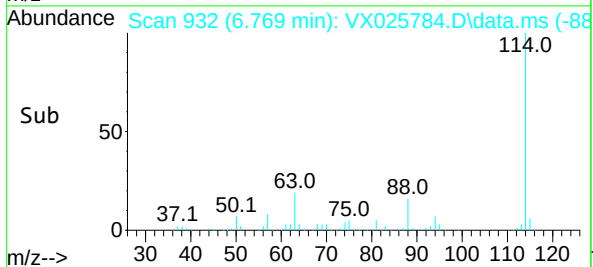
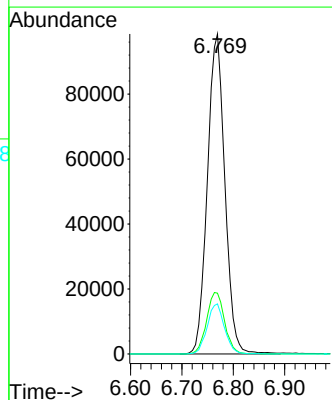
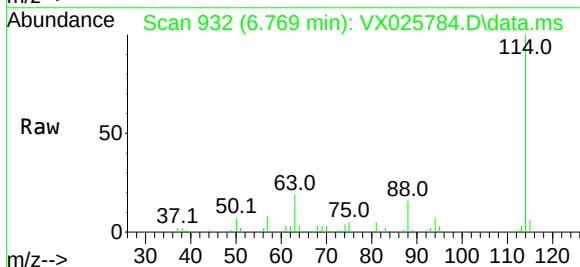
Tgt Ion: 114 Resp: 232653

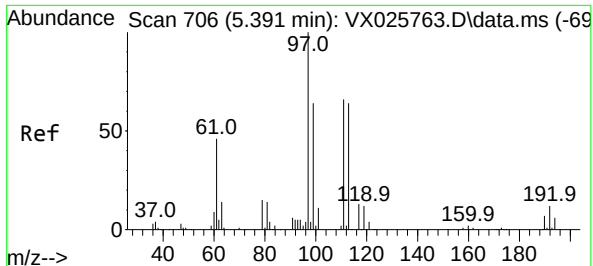
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.6 0.0 30.6

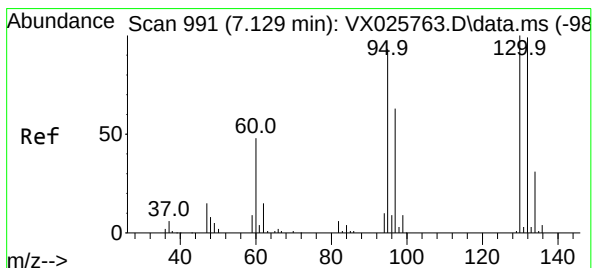
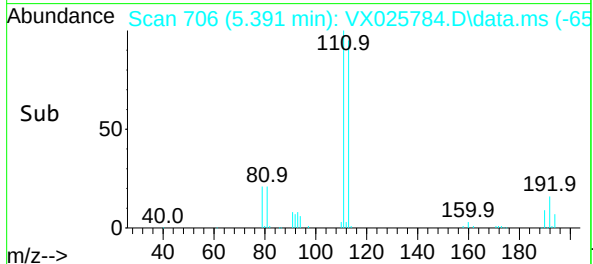
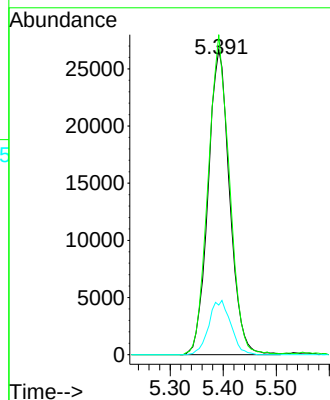
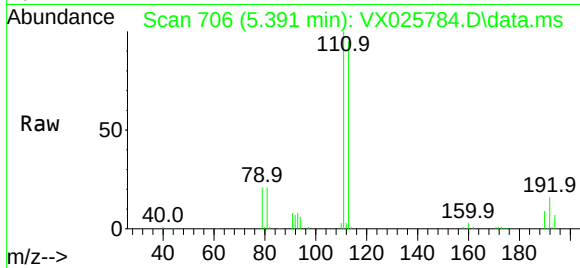




#35
Dibromofluoromethane
Concen: 46.336 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

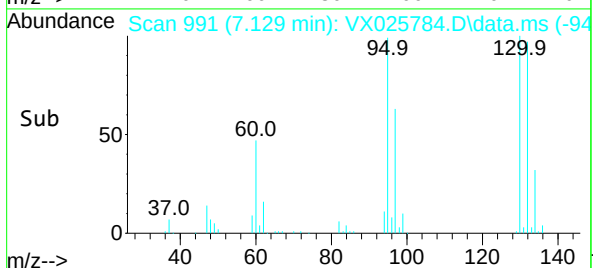
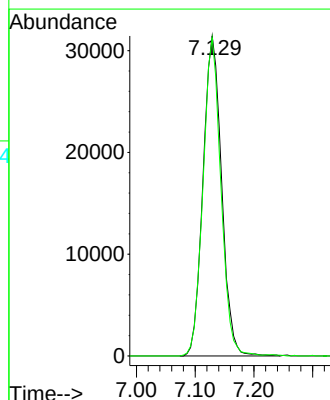
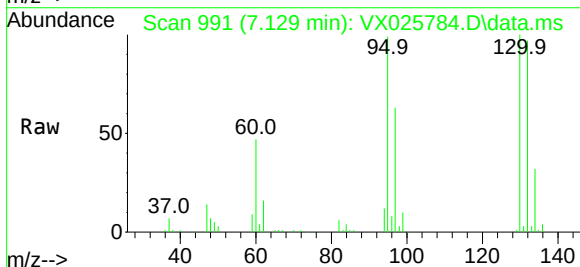
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20211207

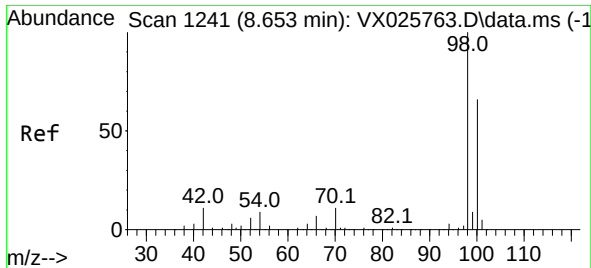
Tgt Ion:113 Resp: 75183
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 18.2 15.0 22.4



#44
Trichloroethene
Concen: 37.768 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

Tgt Ion:130 Resp: 69014
Ion Ratio Lower Upper
130 100
95 99.4 0.0 186.4

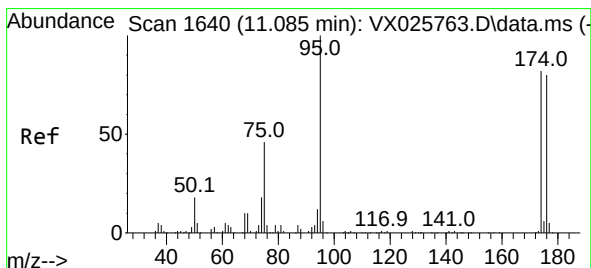
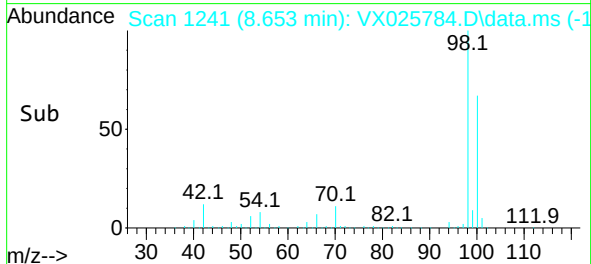
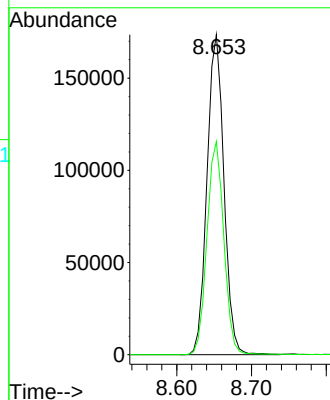
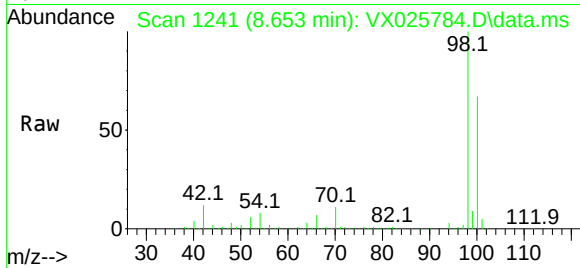




#50
Toluene-d8
Concen: 46.100 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

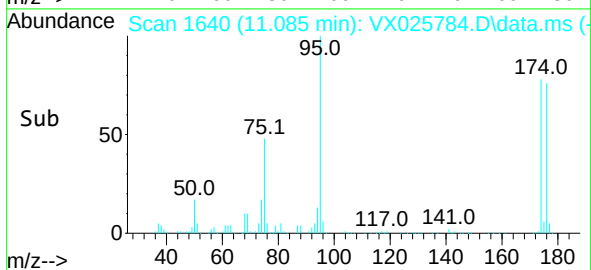
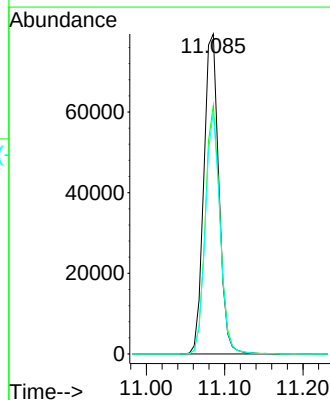
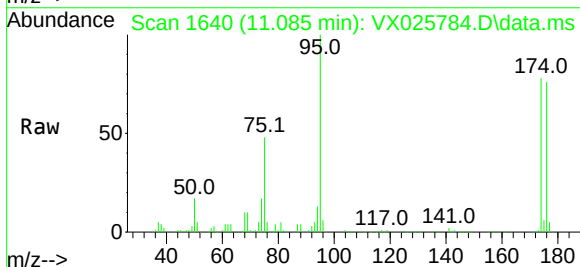
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20211207

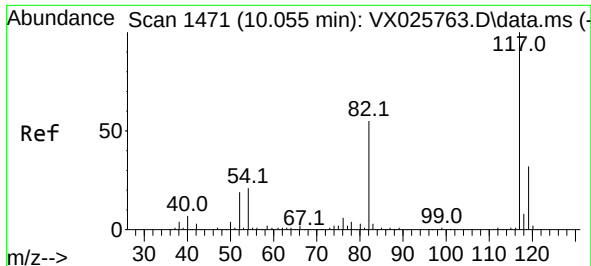
Tgt Ion: 98 Resp: 272532
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

Tgt Ion: 95 Resp: 105685
Ion Ratio Lower Upper
95 100
174 76.1 0.0 157.4
176 73.7 0.0 154.6

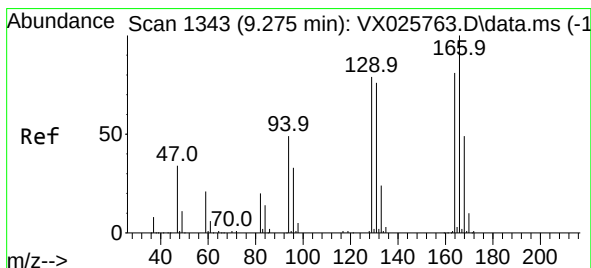
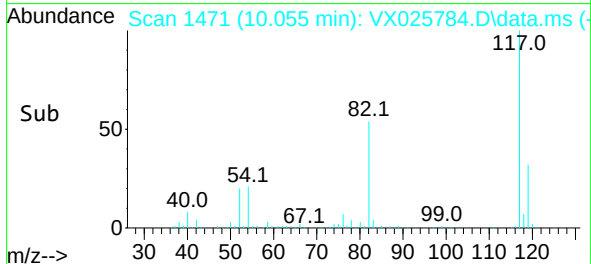
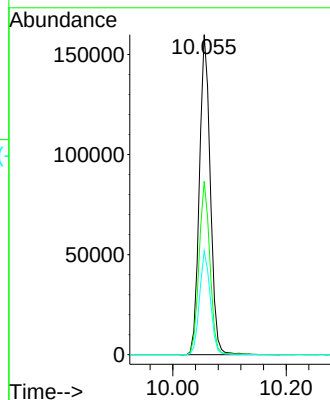
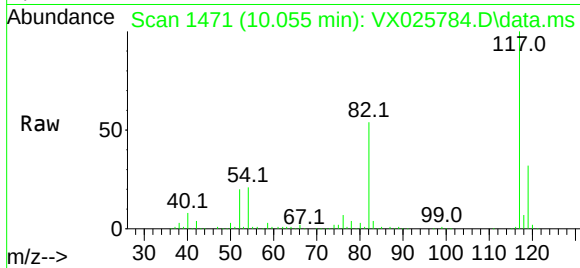




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

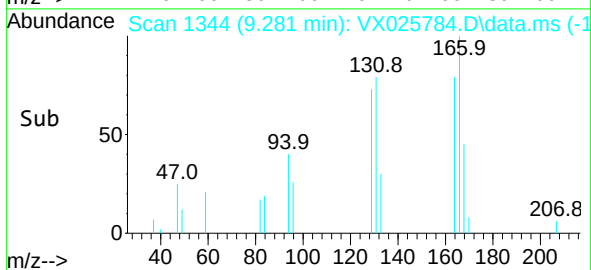
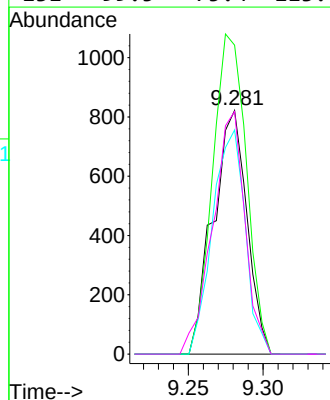
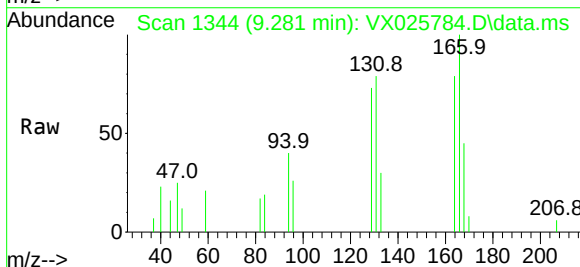
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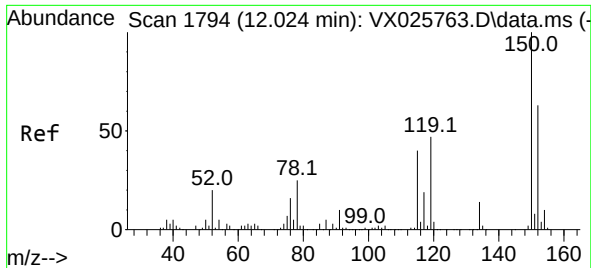
Tgt Ion:117 Resp: 213005
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 0.760 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025784.D
Acq: 14 Dec 2021 18:07

Tgt Ion:164 Resp: 1291
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.0
129 92.0 78.6 118.0
131 99.5 75.4 113.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025784.D

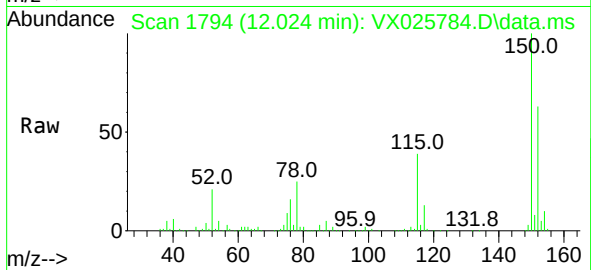
Acq: 14 Dec 2021 18:07

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20211207



Tgt Ion:152 Resp: 88909

Ion Ratio Lower Upper

152 100

115 60.4 41.3 123.9

150 159.9 0.0 351.8

