

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025503.D
 Acq On : 04 Dec 2021 00:07
 Operator : JC/MD
 Sample : M4923-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20211130DL

Quant Time: Dec 04 11:05:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

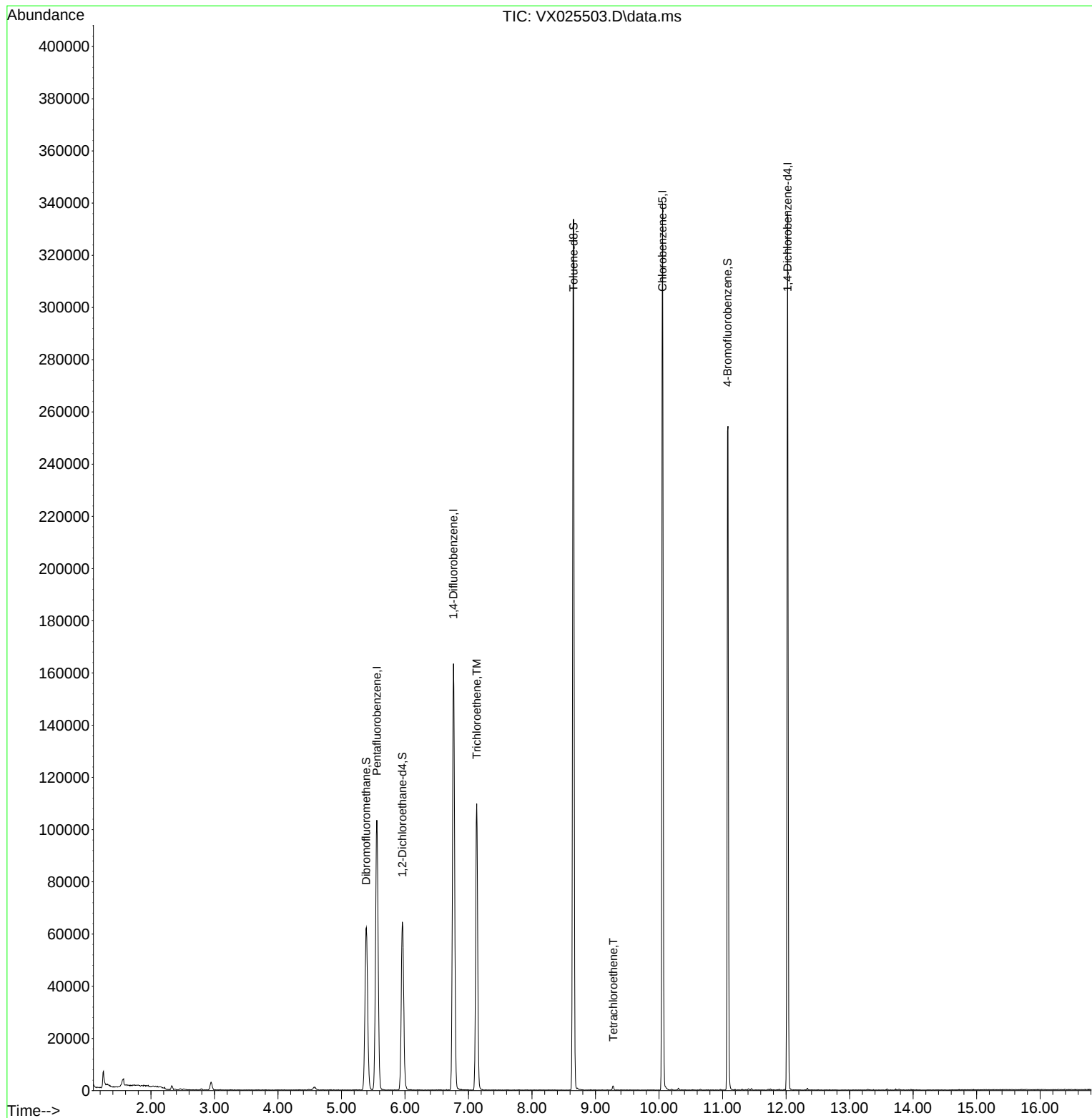
Internal Standards						
1) Pentafluorobenzene	5.556	168	104897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61433	55.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.120%	
35) Dibromofluoromethane	5.385	113	54266	50.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	8.653	98	203887	50.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	11.079	95	71107	46.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.320%	
Target Compounds						Qvalue
44) Trichloroethene	7.129	130	44235	32.642	ug/l	95
64) Tetrachloroethene	9.281	164	332	0.254	ug/l #	72

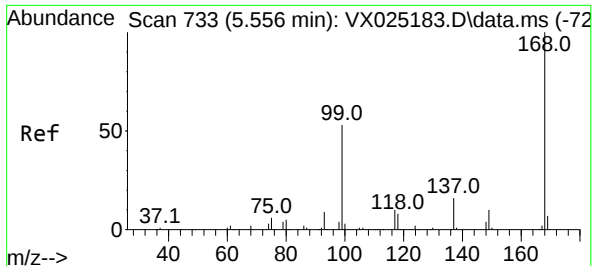
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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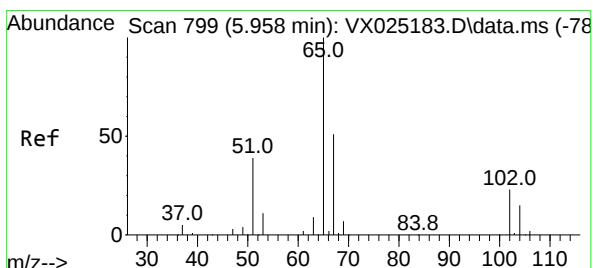
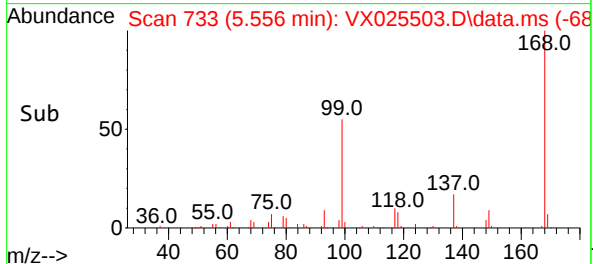
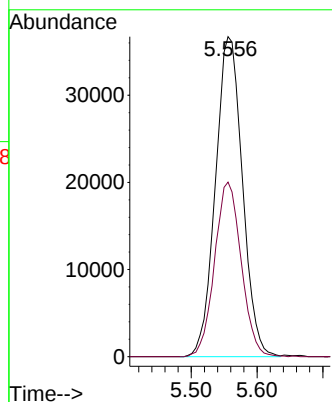
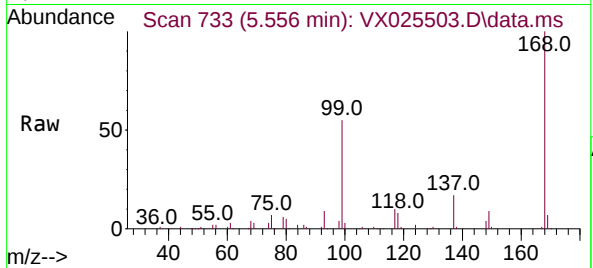




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025503.D
Acq: 04 Dec 2021 00:07

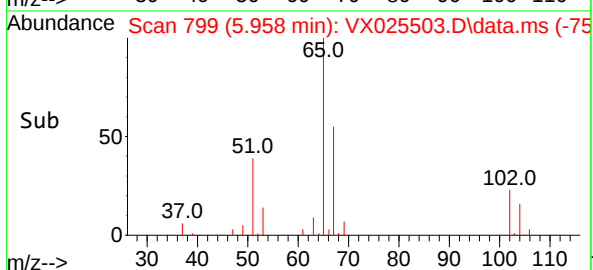
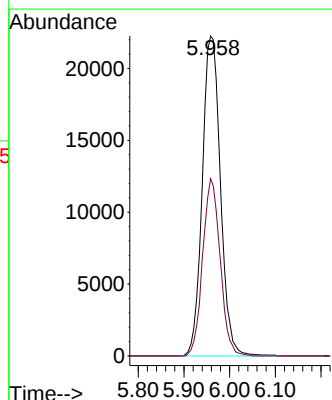
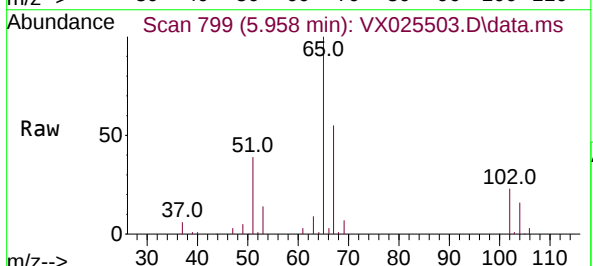
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130DL

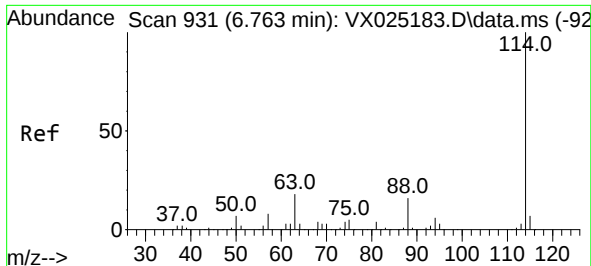
Tgt Ion:168 Resp: 104897
Ion Ratio Lower Upper
168 100
99 54.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 55.561 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025503.D
Acq: 04 Dec 2021 00:07

Tgt Ion: 65 Resp: 61433
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.0

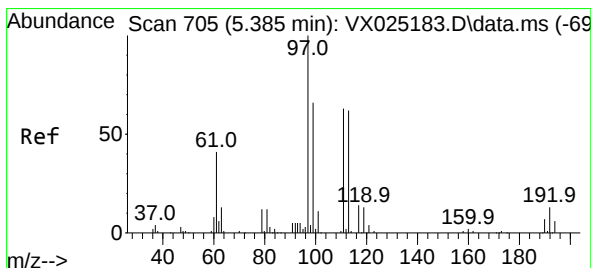
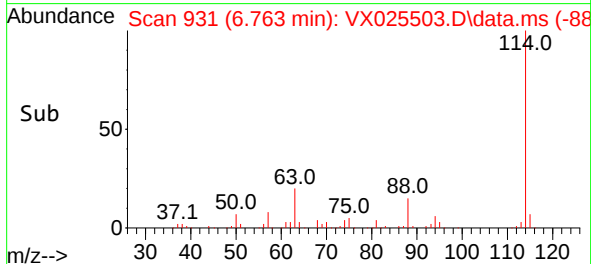
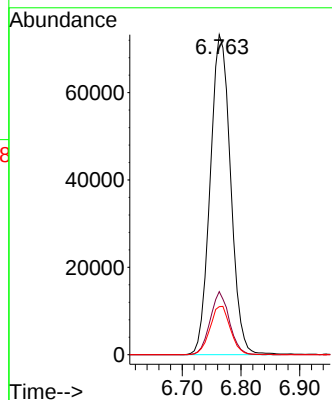
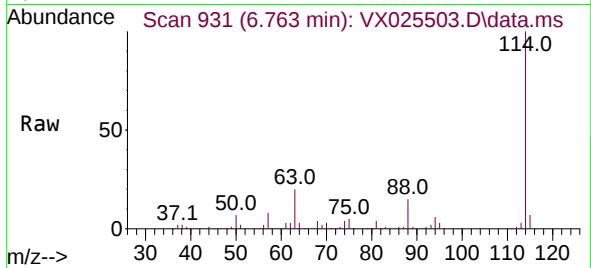




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX025503.D
Acq: 04 Dec 2021 00:07

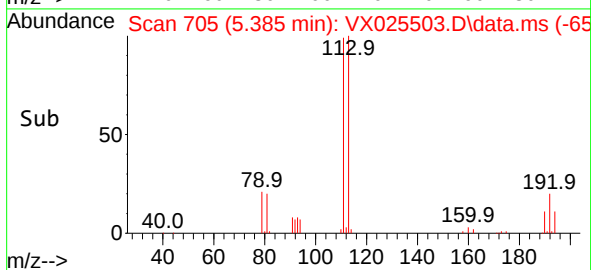
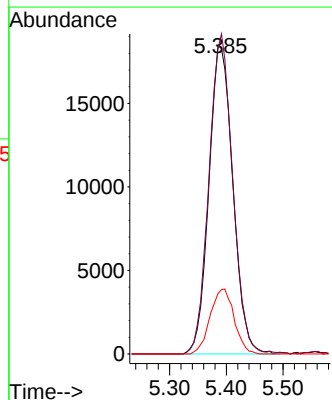
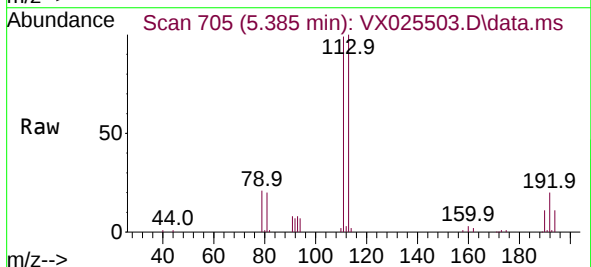
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130DL

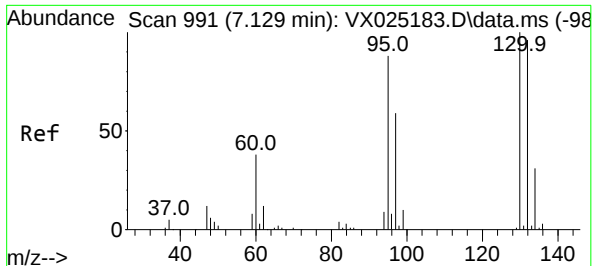
Tgt Ion:114 Resp: 176505
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025503.D
Acq: 04 Dec 2021 00:07

Tgt Ion:113 Resp: 54266
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 21.0 15.6 23.4

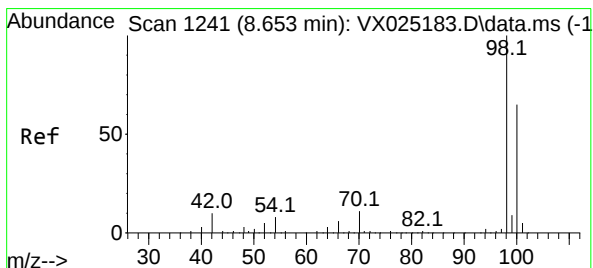
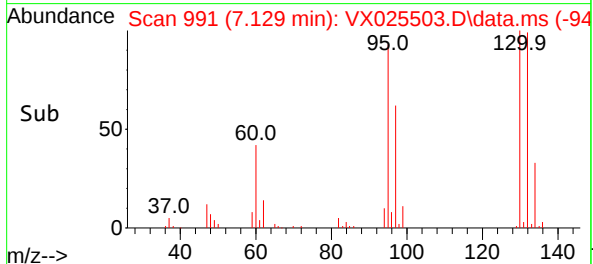
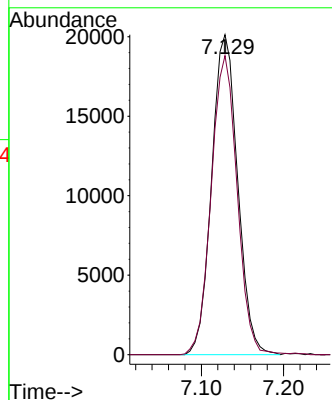
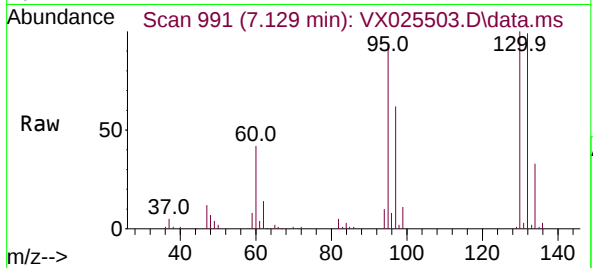




#44
Trichloroethene
Concen: 32.642 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025503.D
Acq: 04 Dec 2021 00:07

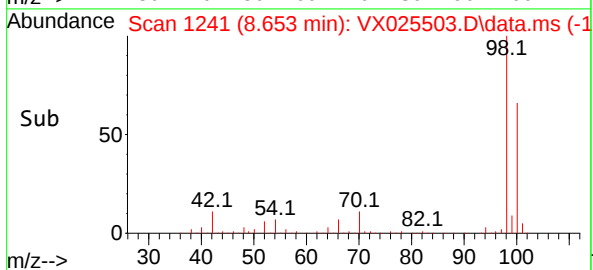
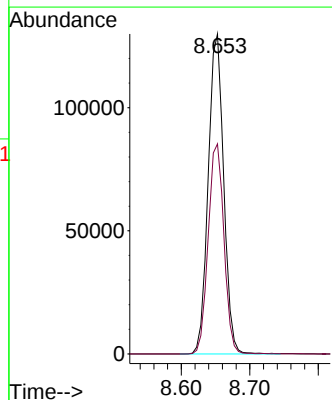
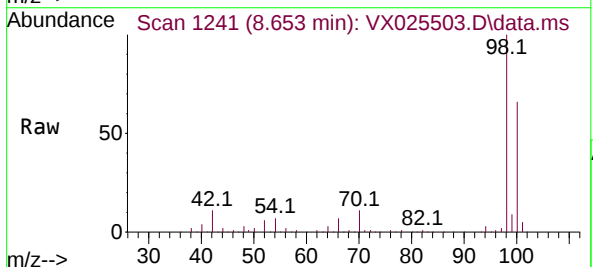
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130DL

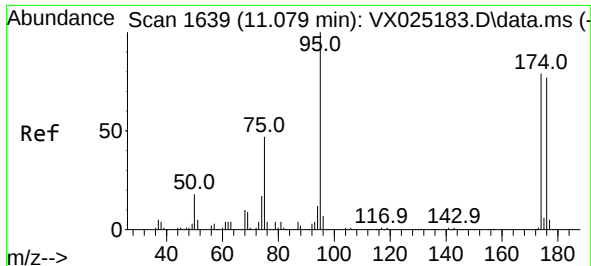
Tgt Ion:130 Resp: 44235
Ion Ratio Lower Upper
130 100
95 93.4 0.0 196.8



#50
Toluene-d8
Concen: 50.072 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025503.D
Acq: 04 Dec 2021 00:07

Tgt Ion: 98 Resp: 203887
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 46.161 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025503.D

Acq: 04 Dec 2021 00:07

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20211130DL

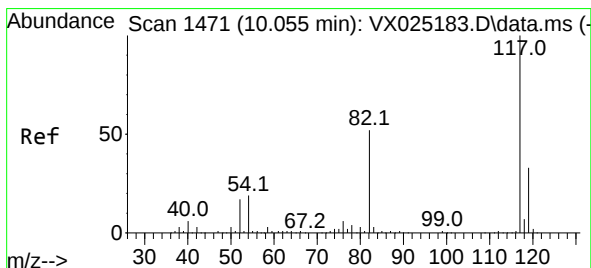
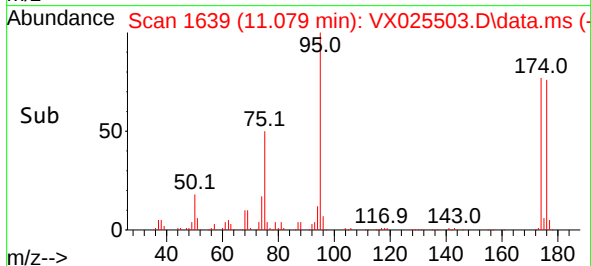
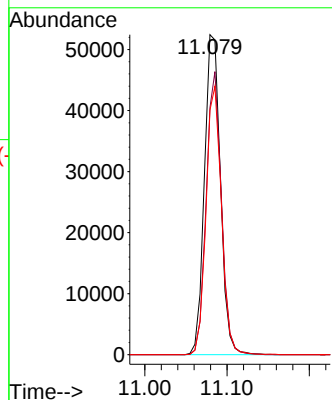
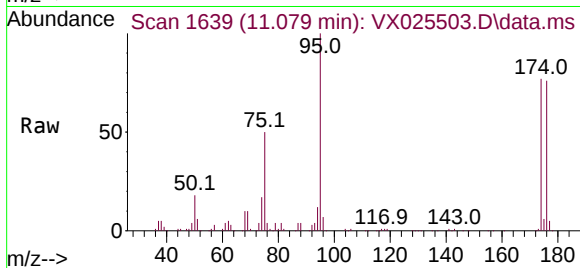
Tgt Ion: 95 Resp: 71107

Ion Ratio Lower Upper

95 100

174 83.8 0.0 158.0

176 80.8 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025503.D

Acq: 04 Dec 2021 00:07

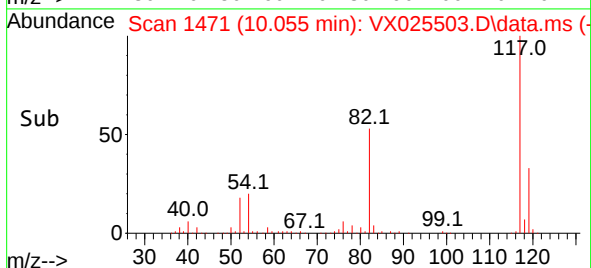
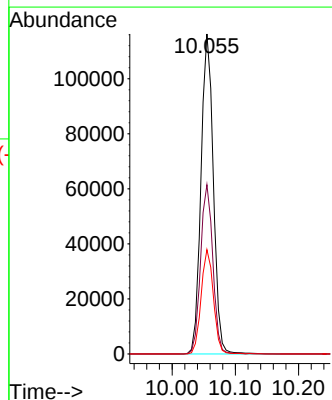
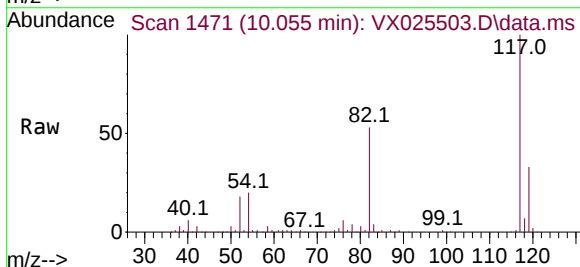
Tgt Ion: 117 Resp: 158245

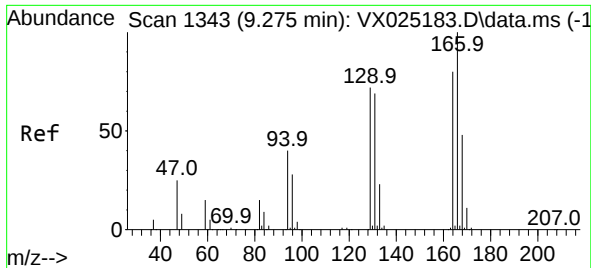
Ion Ratio Lower Upper

117 100

82 52.9 44.6 67.0

119 32.6 24.8 37.2





#64

Tetrachloroethene

Concen: 0.254 ug/l

RT: 9.281 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025503.D

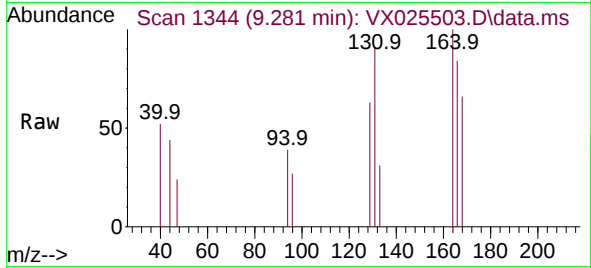
Acq: 04 Dec 2021 00:07

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Tgt Ion:164 Resp: 332

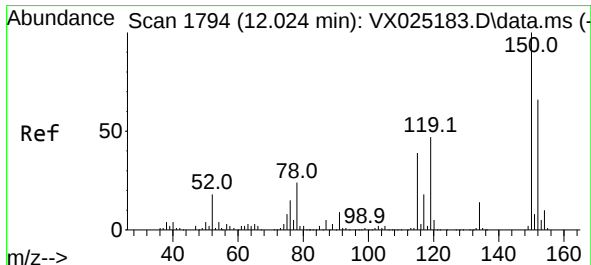
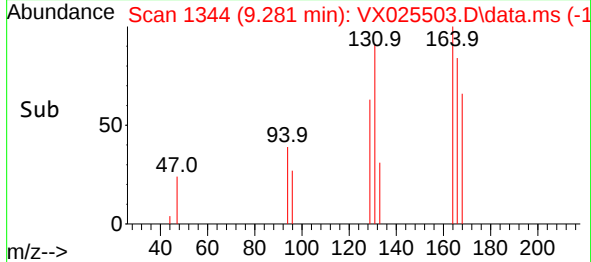
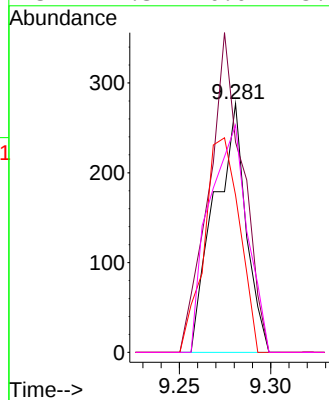
Ion Ratio Lower Upper

164 100

166 84.5 103.2 154.8#

129 63.2 81.0 121.4#

131 91.3 76.6 115.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX025503.D

Acq: 04 Dec 2021 00:07

Tgt Ion:152 Resp: 69552

Ion Ratio Lower Upper

152 100

115 57.7 43.3 129.8

150 158.1 0.0 351.2

