

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011158.D
 Acq On : 28 Oct 2022 15:25
 Operator : KP/MD
 Sample : N5256-11RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-N3-11.5-12.0RE

Quant Time: Oct 28 23:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

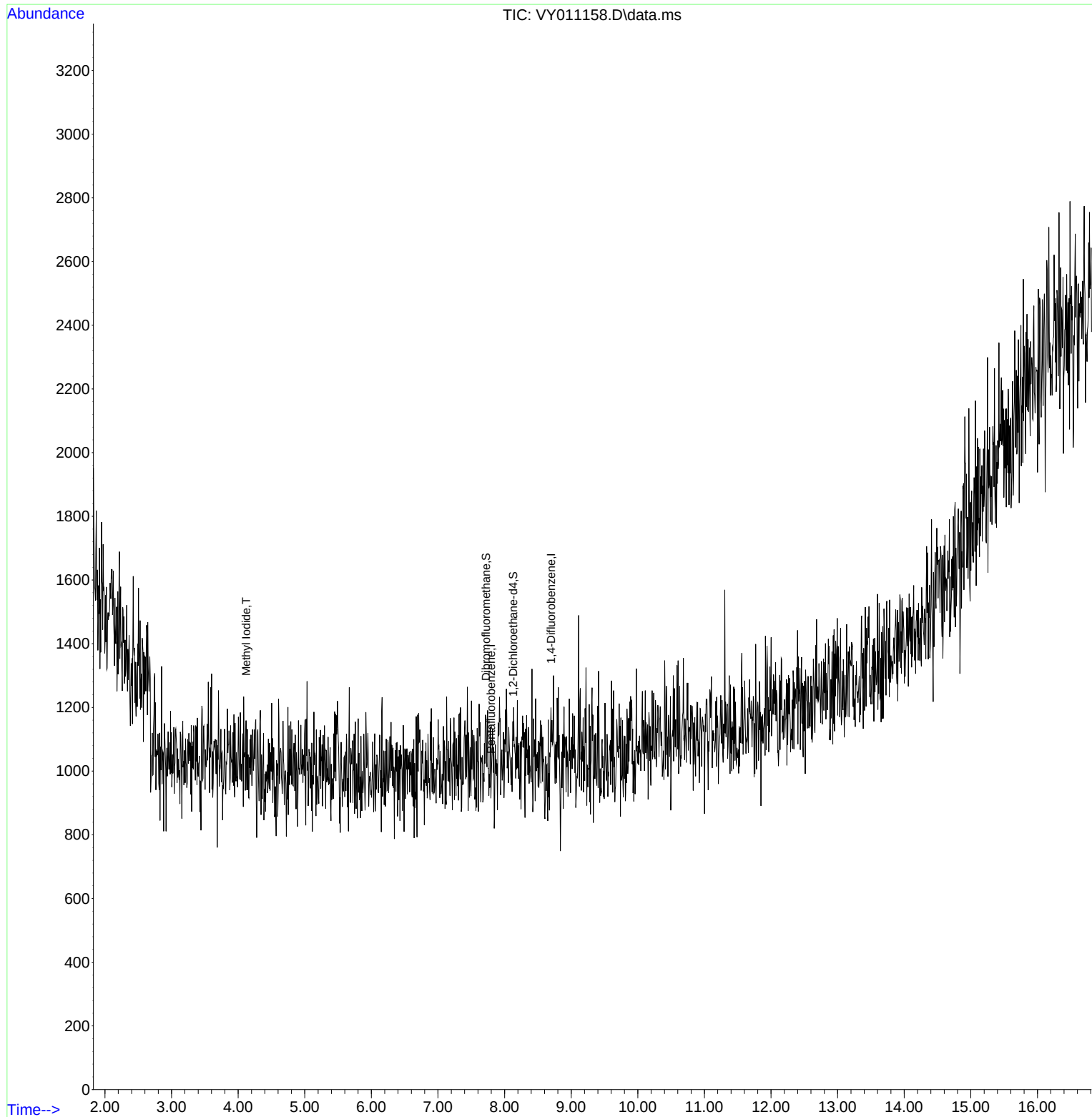
Internal Standards						
1) Pentafluorobenzene	7.795	168	91	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	165	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44	46.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.520%
35) Dibromofluoromethane	7.722	113	136	134.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	268.060%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
10) Methyl Iodide	4.119	142	49	55.062	ug/l	# 35

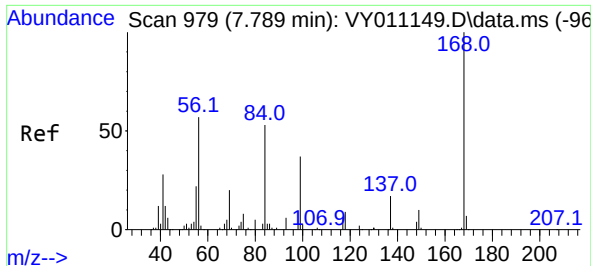
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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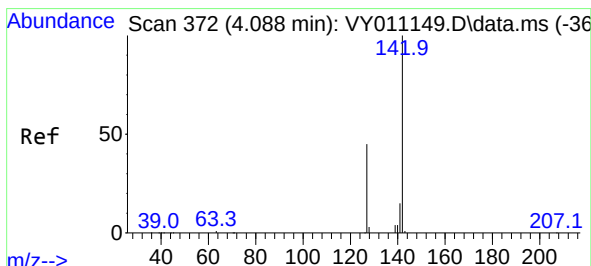
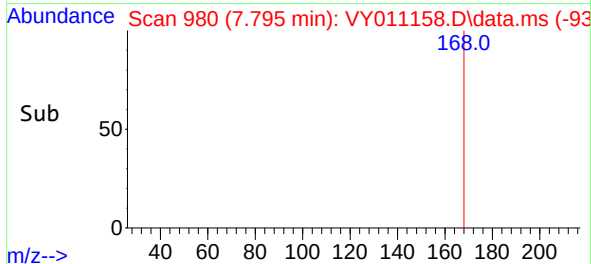
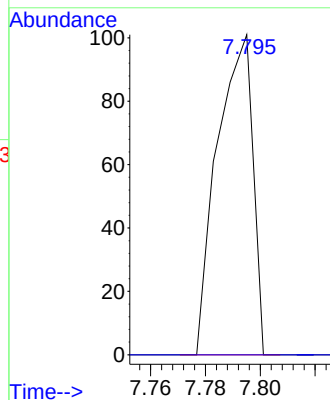
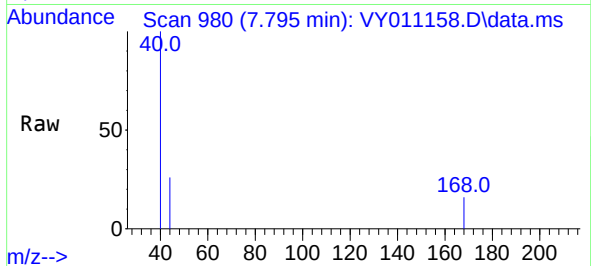




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011158.D
Acq: 28 Oct 2022 15:25

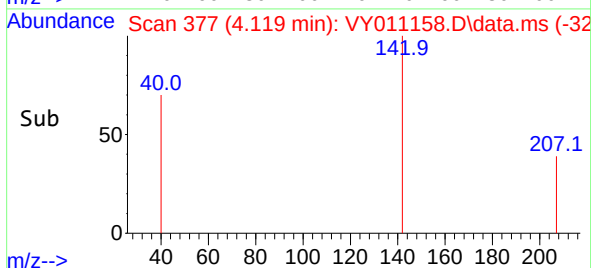
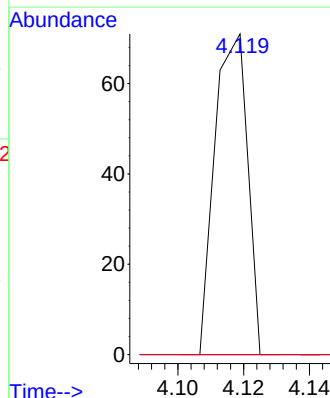
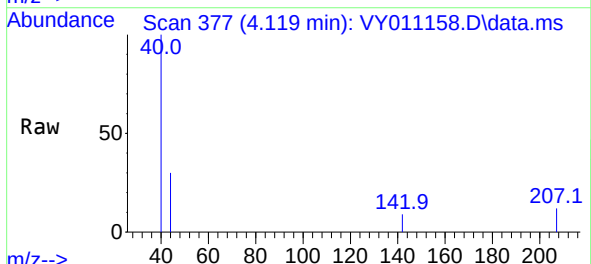
Instrument :
MSVOA_Y
ClientSampleId :
SB-N3-11.5-12.0RE

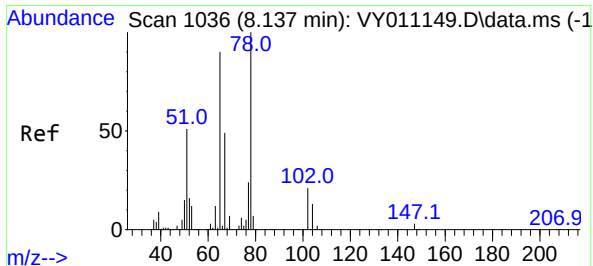
Tgt Ion:168 Resp: 91
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#10
Methyl Iodide
Concen: 55.062 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY011158.D
Acq: 28 Oct 2022 15:25

Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 46.761 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY011158.D

Acq: 28 Oct 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

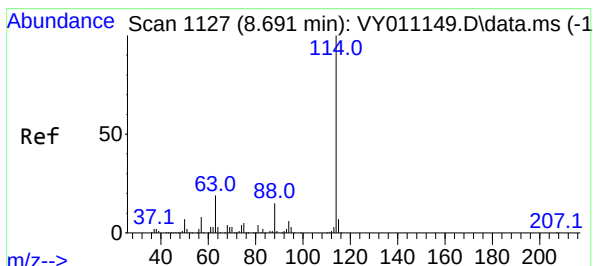
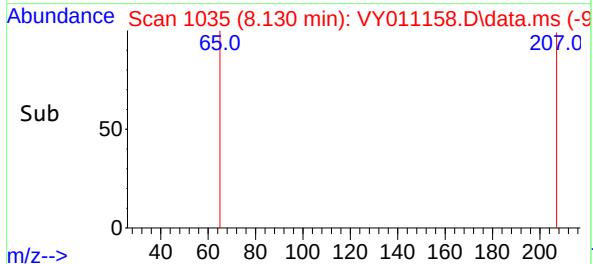
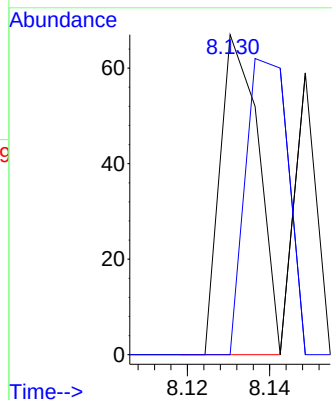
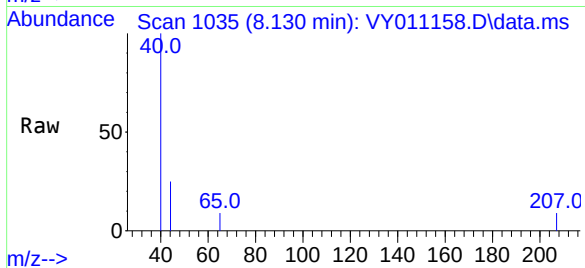
SB-N3-11.5-12.0RE

Tgt Ion: 65 Resp: 44

Ion Ratio Lower Upper

65 100

67 102.3 0.0 99.4#



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY011158.D

Acq: 28 Oct 2022 15:25

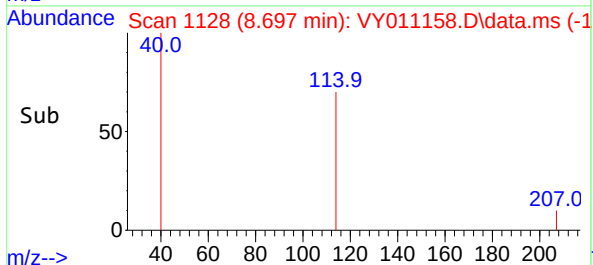
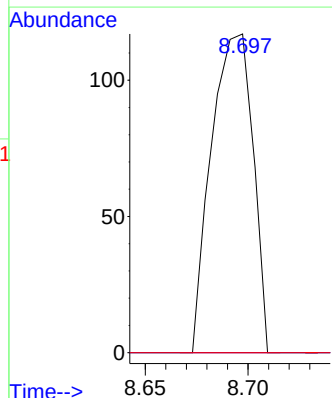
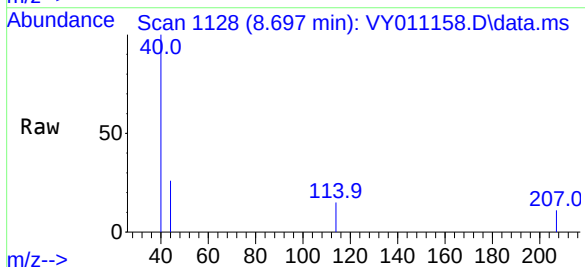
Tgt Ion: 114 Resp: 165

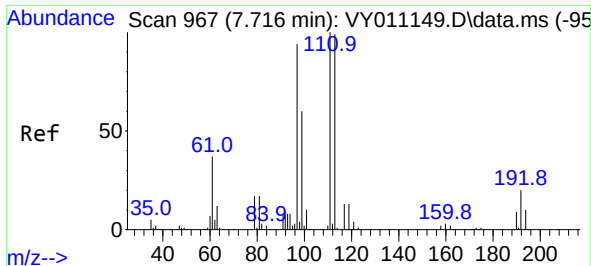
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

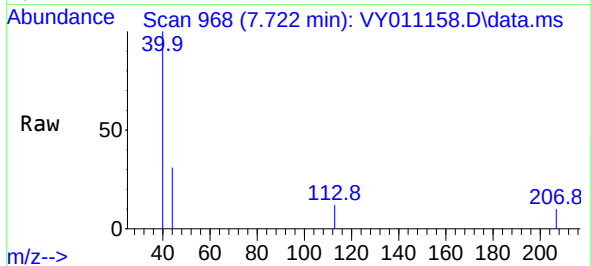
88 0.0 0.0 31.8



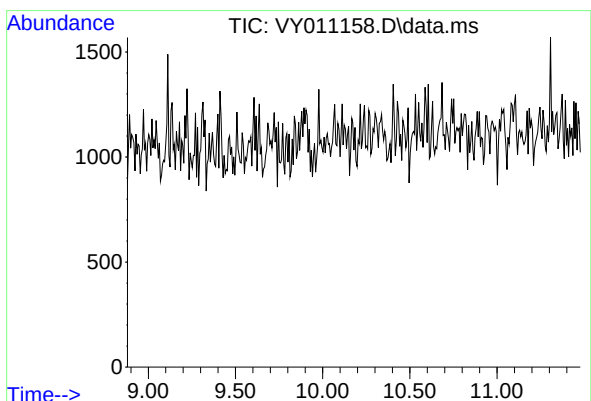
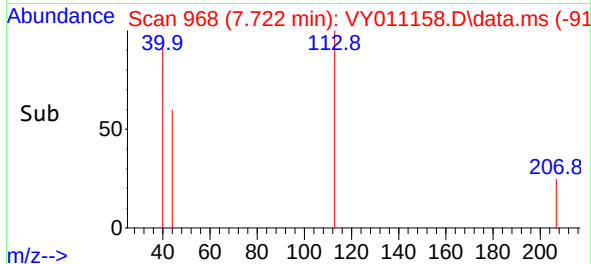
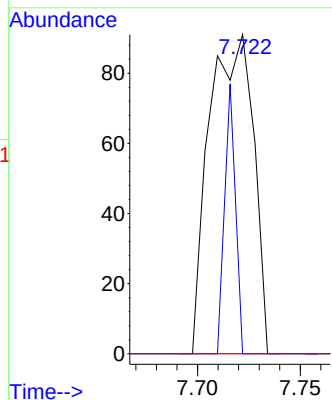


#35
 Dibromofluoromethane
 Concen: 134.032 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY011158.D
 Acq: 28 Oct 2022 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-N3-11.5-12.0RE



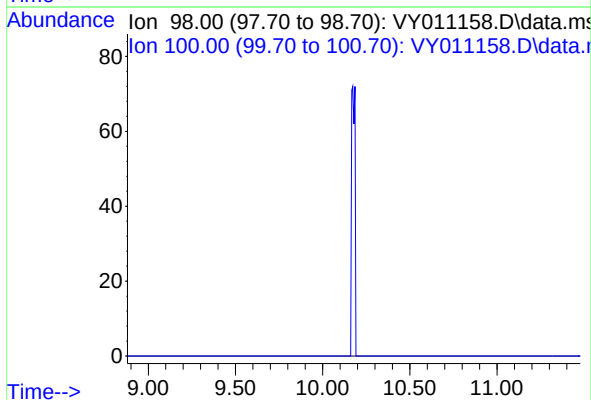
Tgt Ion:113 Resp: 136
 Ion Ratio Lower Upper
 113 100
 111 20.6 82.6 124.0#
 192 0.0 17.6 26.4#

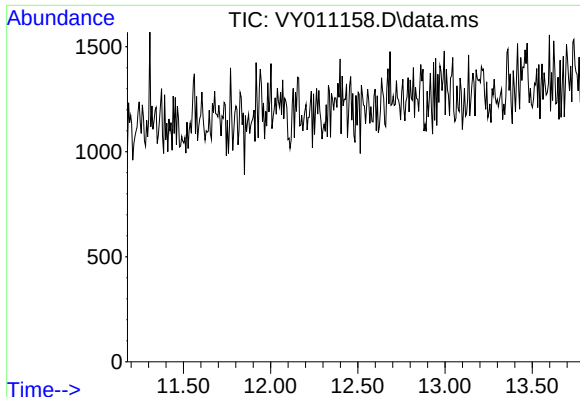


#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.18 min

Lab File: VY011158.D
 Acq: 28 Oct 2022 15:25

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 62.7



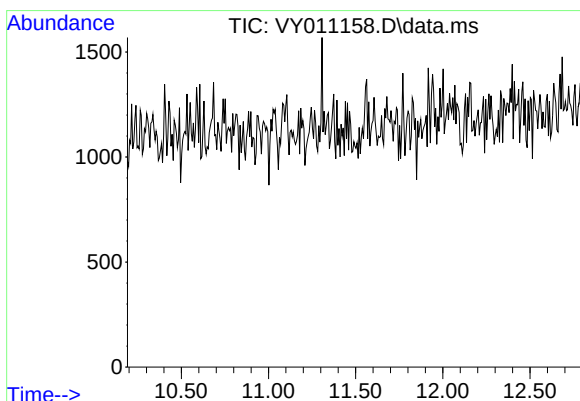
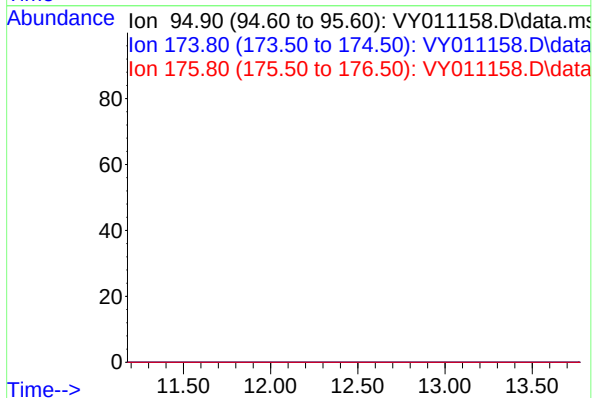


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY011158.D
Acq: 28 Oct 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-N3-11.5-12.0RE

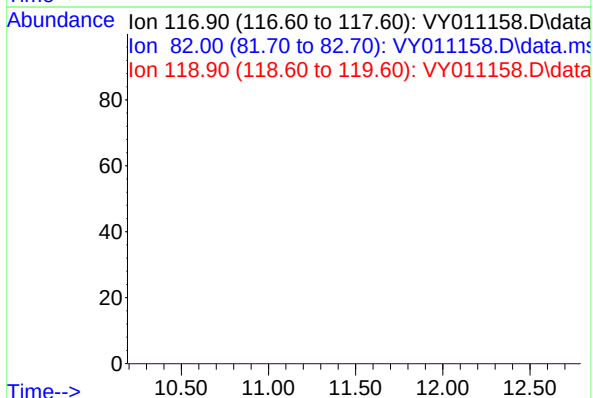
Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 87.9

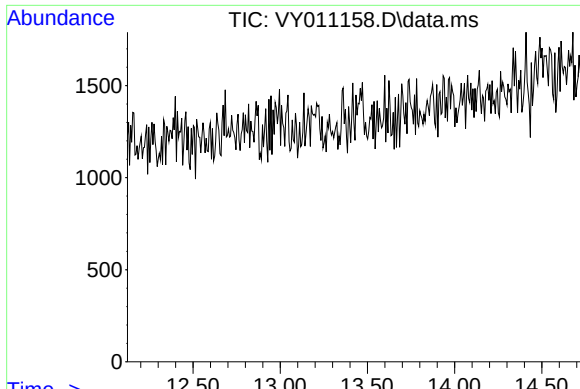


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.49 min

Lab File: VY011158.D
Acq: 28 Oct 2022 15:25

Tgt Ion: 117
Sig Exp Ratio
117 100
82 53.7
119 31.7





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min
Lab File: VY011158.D
Acq: 28 Oct 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-N3-11.5-12.0RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

