

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010789.D
 Acq On : 04 Oct 2022 12:54
 Operator : KP/MD
 Sample : N4943-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:27:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

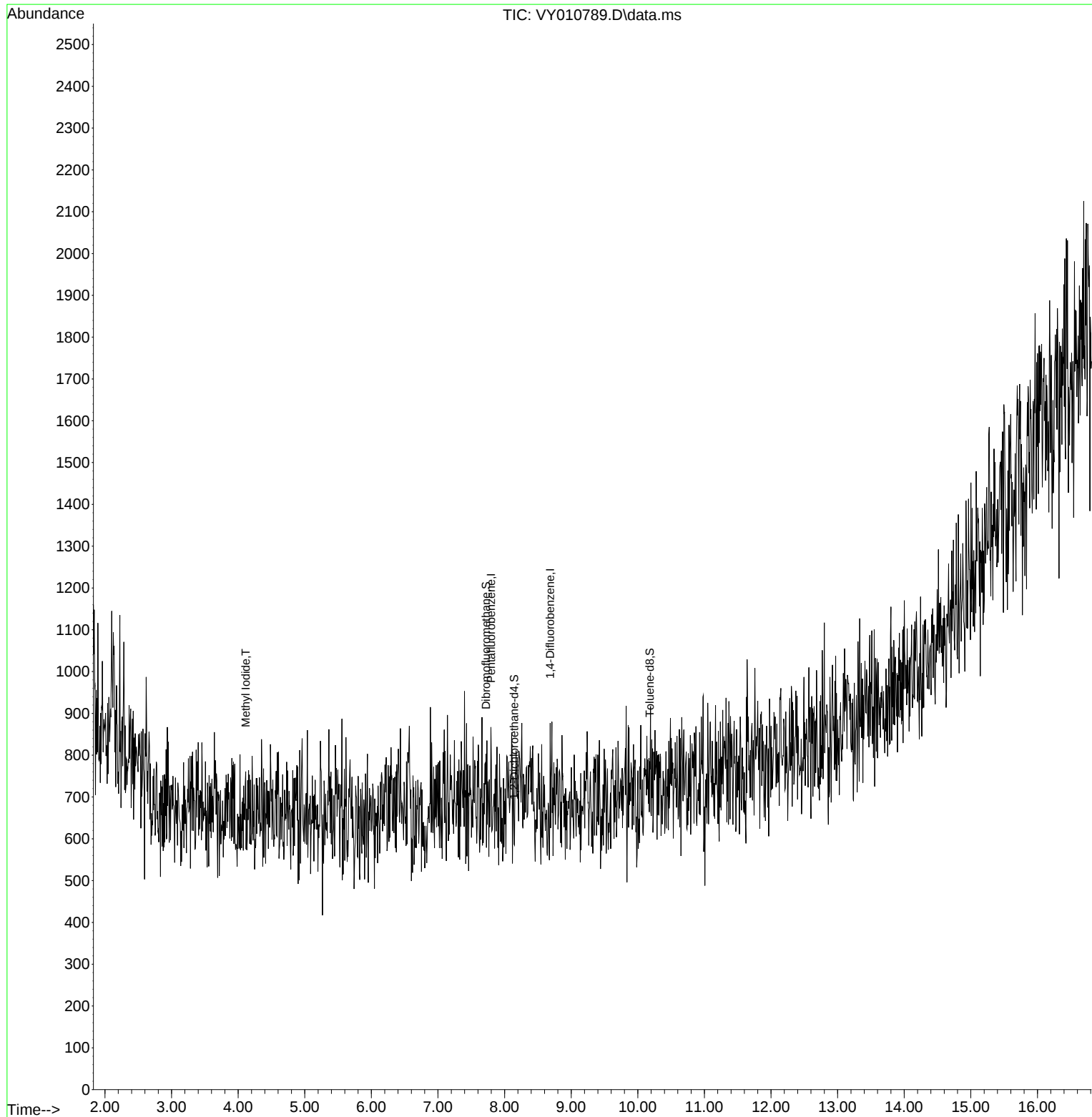
Internal Standards						
1) Pentafluorobenzene	7.795	168	93	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	216	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45	47.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.722	113	20	13.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	27.900%#
50) Toluene-d8	10.179	98	81	16.519	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	33.040%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	19	15.776	ug/l #	35

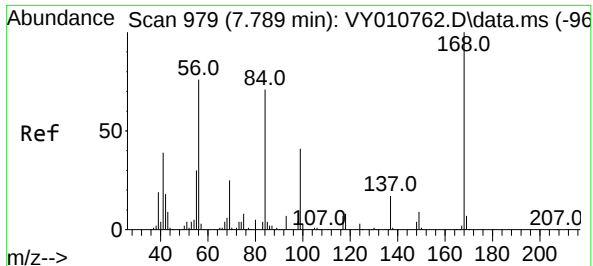
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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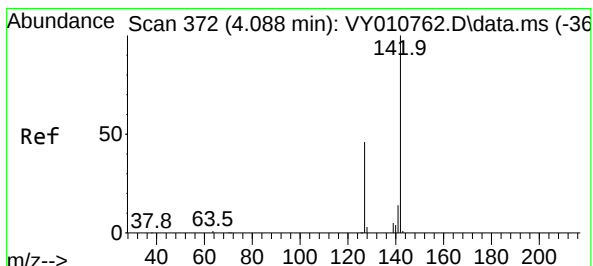
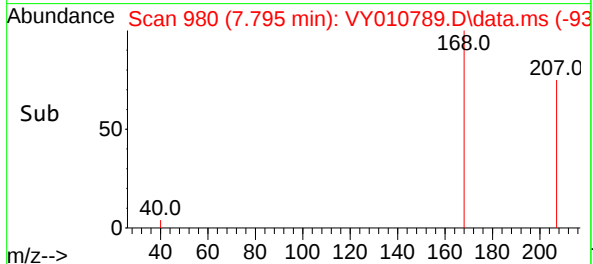
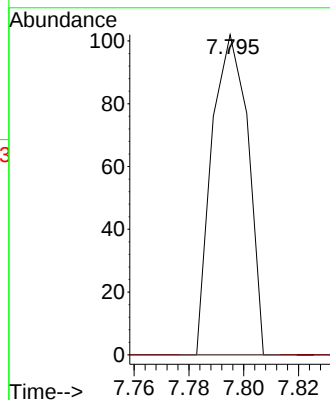
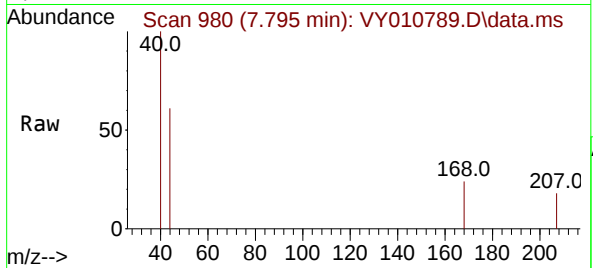




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010789.D
Acq: 04 Oct 2022 12:54

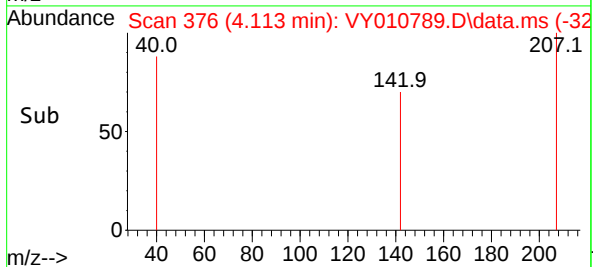
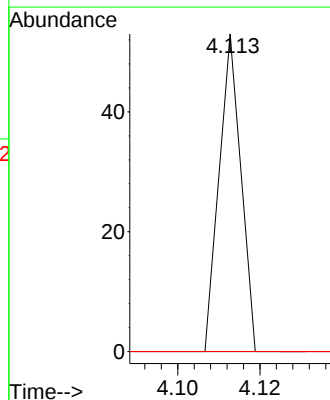
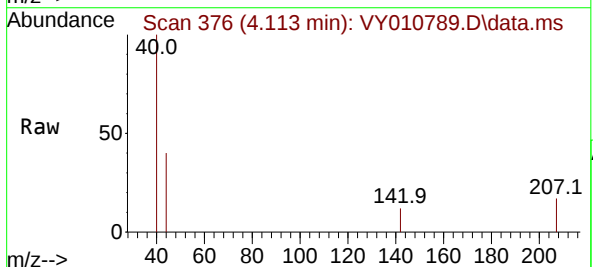
Instrument :
MSVOA_Y
ClientSampleId :

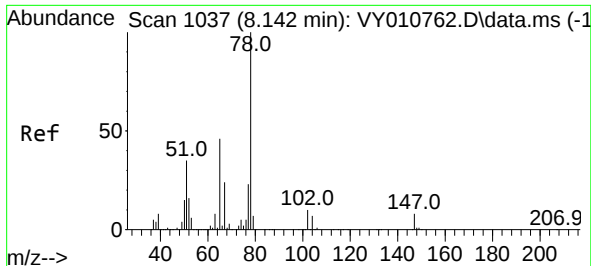
Tgt Ion:168 Resp: 93
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#10
Methyl Iodide
Concen: 15.776 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY010789.D
Acq: 04 Oct 2022 12:54

Tgt Ion:142 Resp: 19
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: 47.737 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

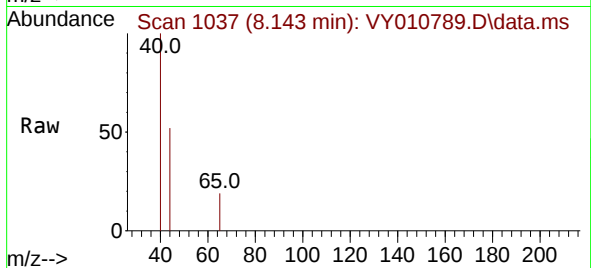
Lab File: VY010789.D

Acq: 04 Oct 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

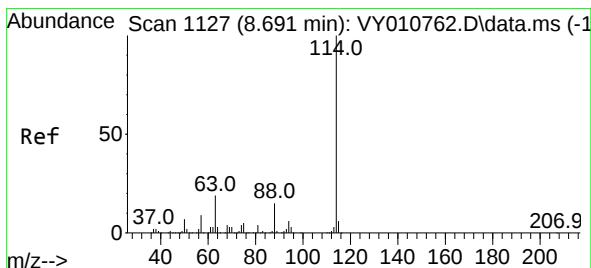
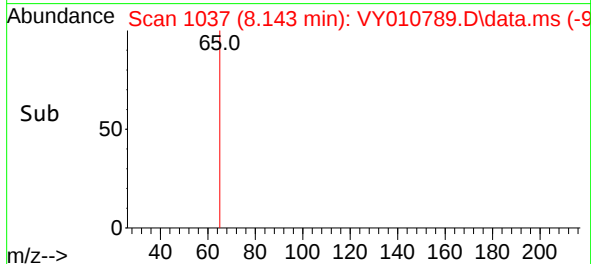
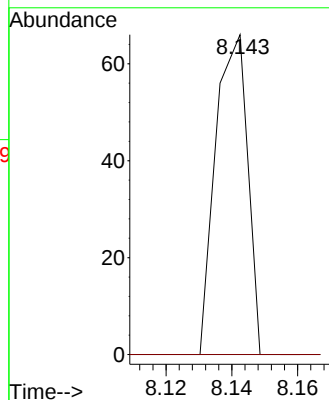


Tgt Ion: 65 Resp: 45

Ion Ratio Lower Upper

65 100

67 0.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010789.D

Acq: 04 Oct 2022 12:54

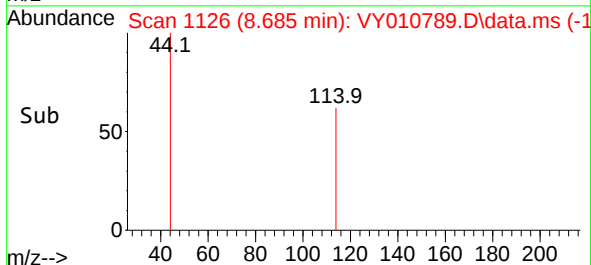
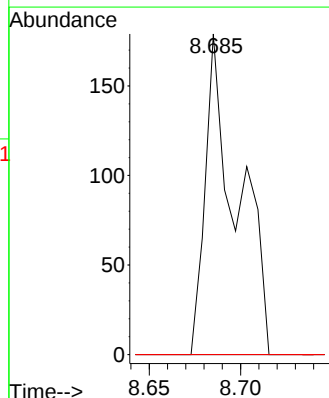
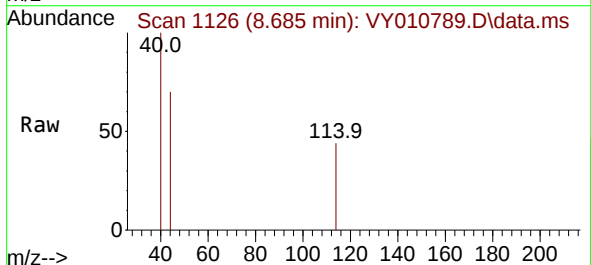
Tgt Ion: 114 Resp: 216

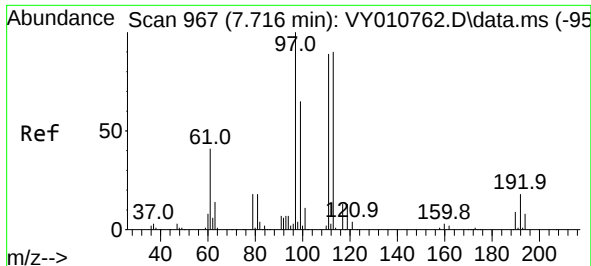
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8

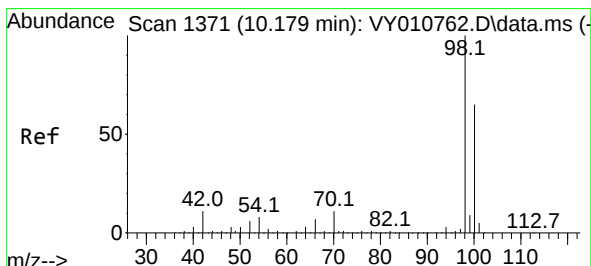
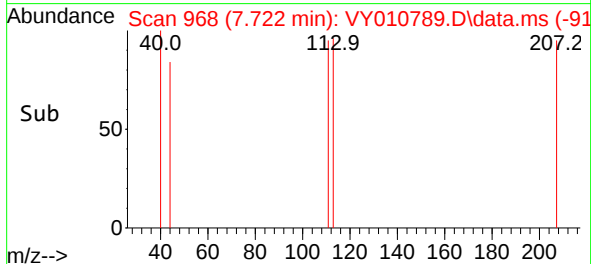
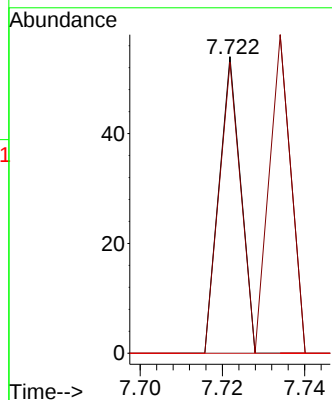
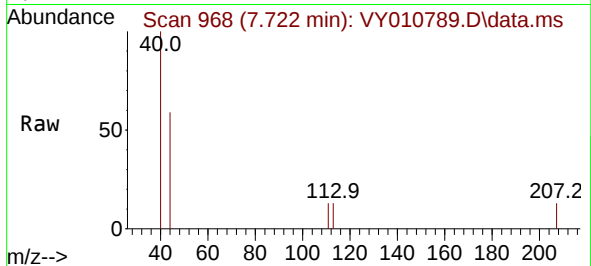




#35
Dibromofluoromethane
Concen: 13.949 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010789.D
Acq: 04 Oct 2022 12:54

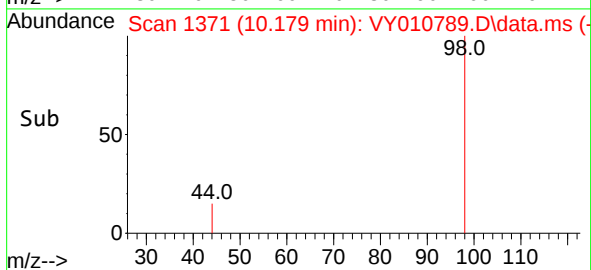
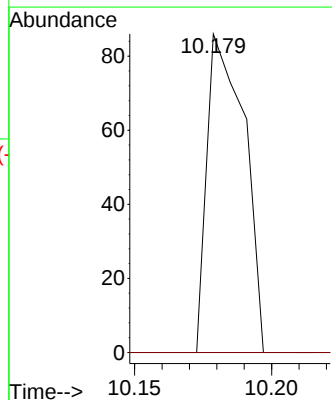
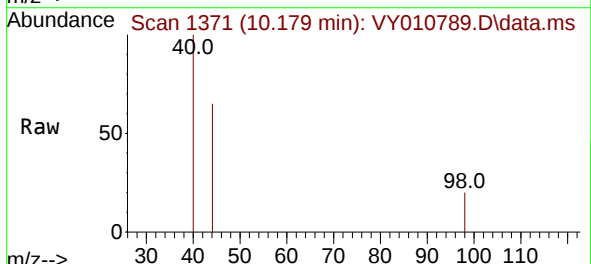
Instrument :
MSVOA_Y
ClientSampleId :

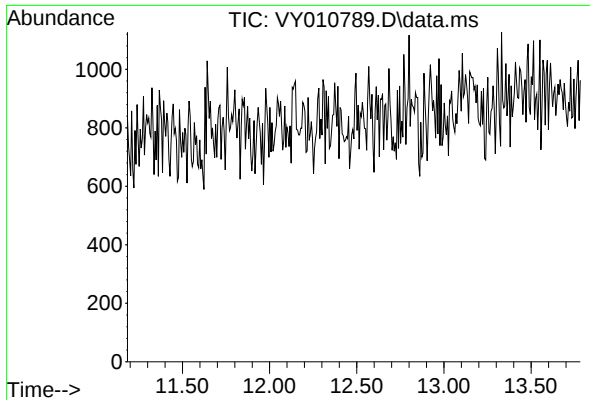
Tgt Ion:113 Resp: 20
Ion Ratio Lower Upper
113 100
111 205.0 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 16.519 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010789.D
Acq: 04 Oct 2022 12:54

Tgt Ion: 98 Resp: 81
Ion Ratio Lower Upper
98 100
100 0.0 50.2 75.2#



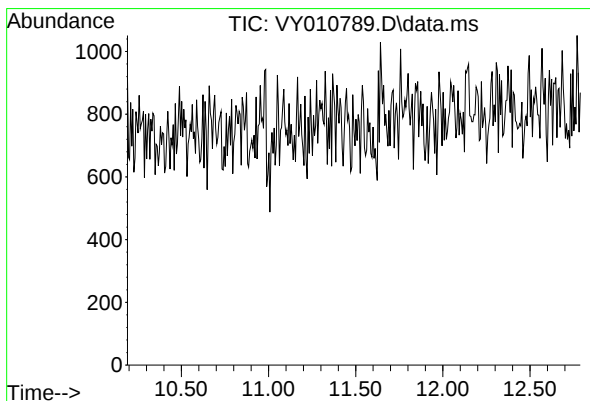
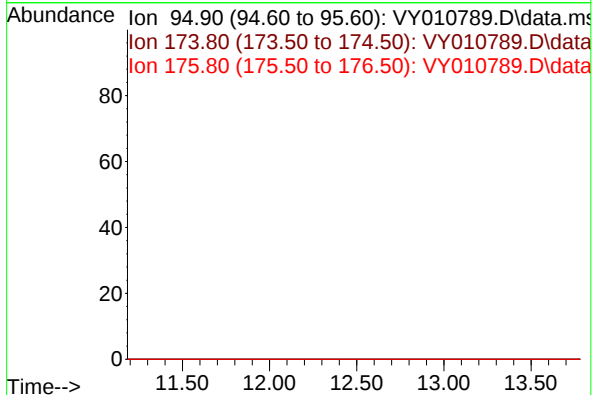


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY010789.D
Acq: 04 Oct 2022 12:54

Instrument :
MSVOA_Y
ClientSampleId :

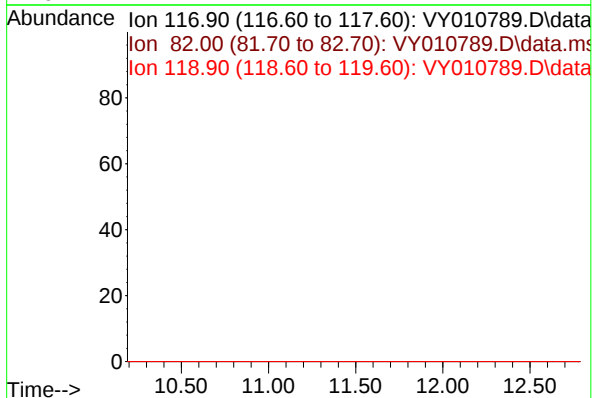
Tgt Ion:	95
Sig	Exp Ratio
95	100
174	88.5
176	87.9

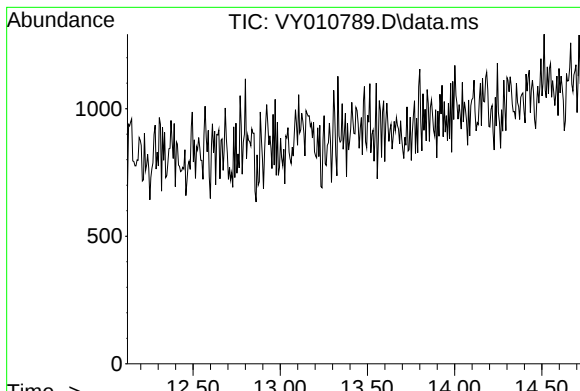


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.49 min

Lab File: VY010789.D
Acq: 04 Oct 2022 12:54

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: VY010789.D
 Acq: 04 Oct 2022 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	56.5
150	173.8

