

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021192.D
 Acq On : 13 Feb 2025 12:55
 Operator : SY/MD
 Sample : Q1346-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

Quant Time: Feb 14 00:45:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	44	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.628	114	142	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.42
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	54	119.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 239.560%#	
35) Dibromofluoromethane	7.640	113	176	193.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 386.800%#	
50) Toluene-d8	10.103	98	83	23.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 47.920%#	
62) 4-Bromofluorobenzene	12.420	95	21	18.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 37.100%	

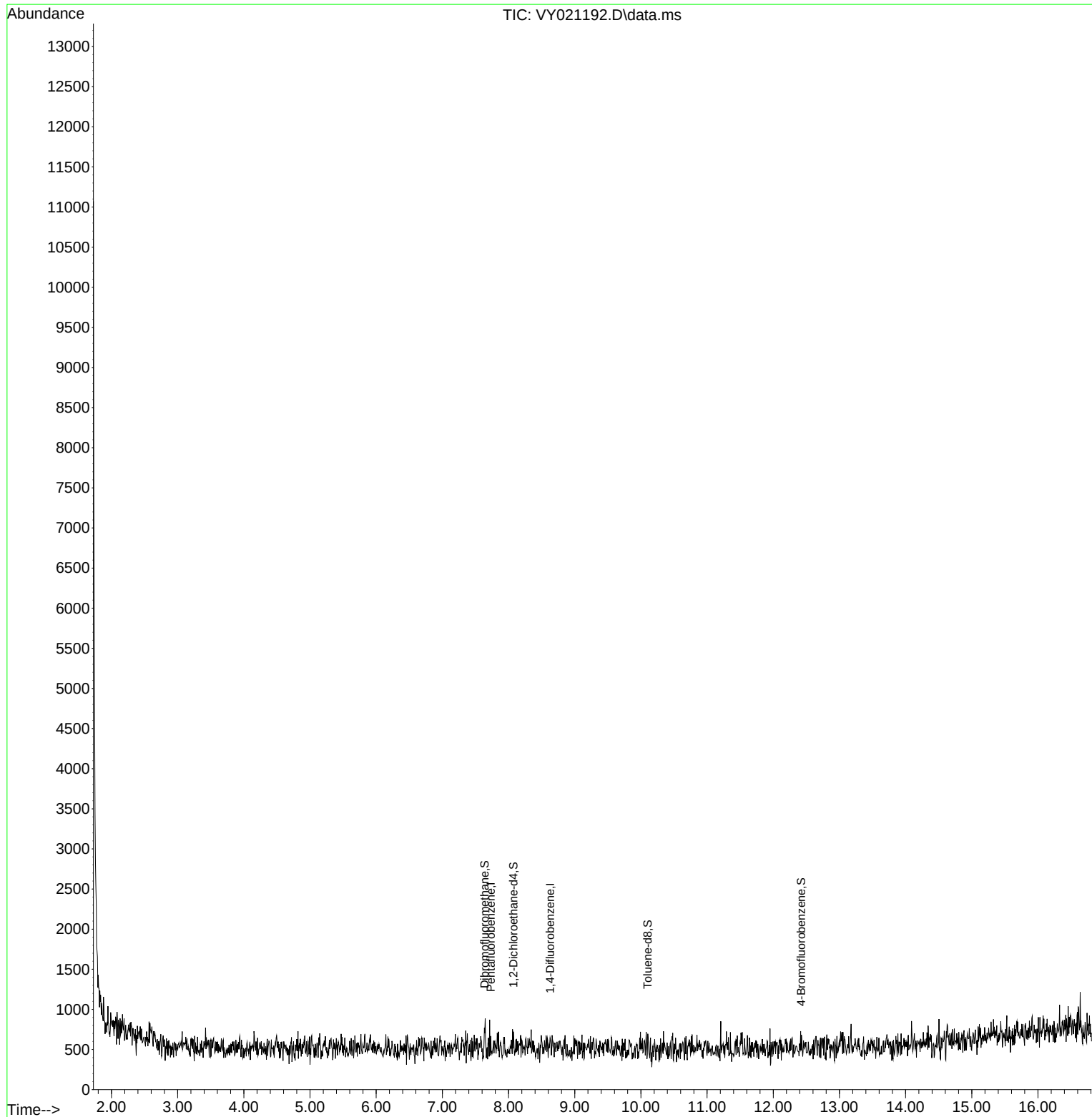
Target Compounds Qvalue

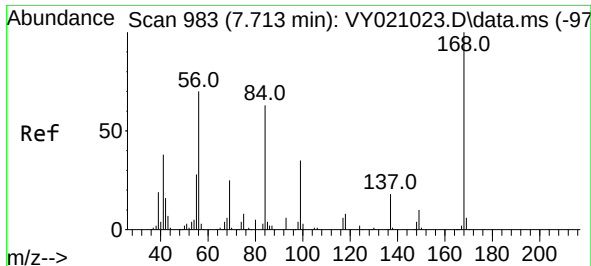
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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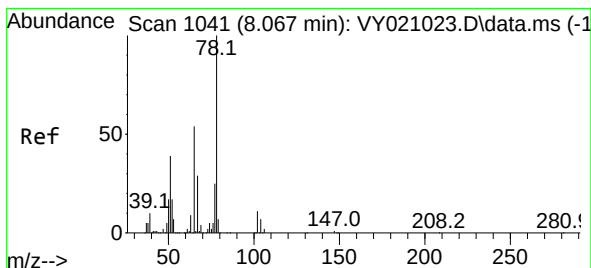
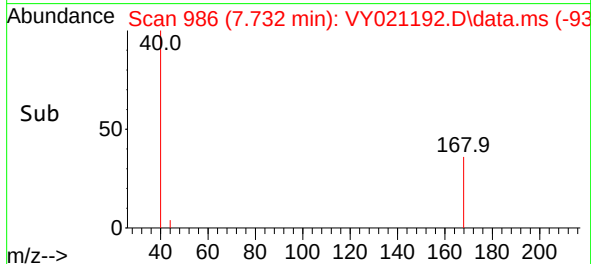
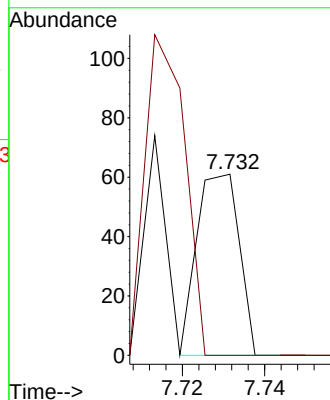
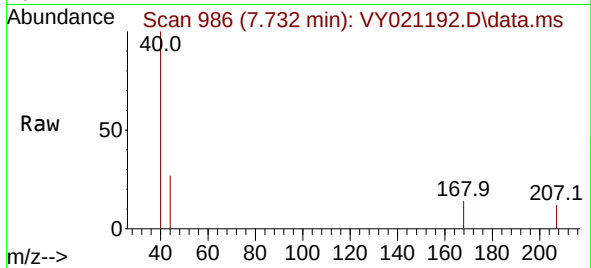




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

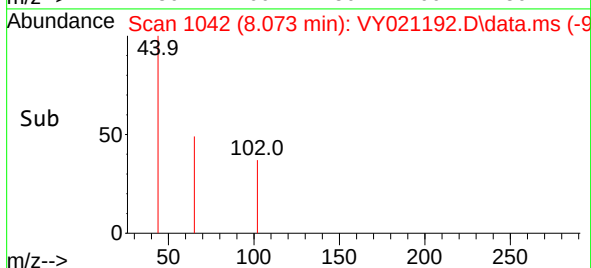
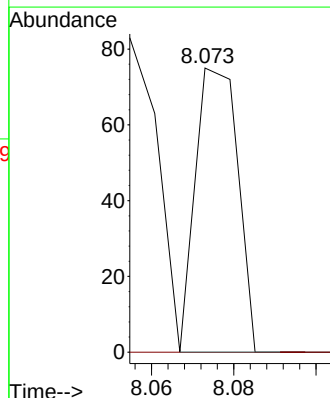
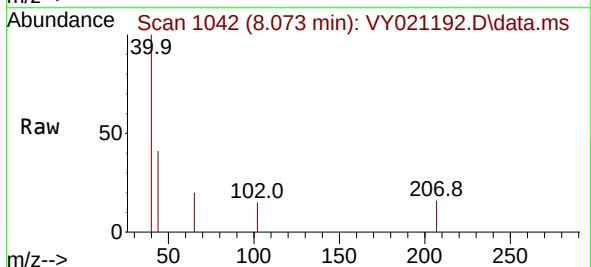
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

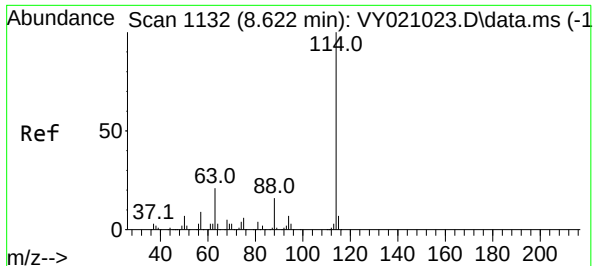
Tgt Ion:168 Resp: 44
Ion Ratio Lower Upper
168 100
99 0.0 44.2 66.4#



#33
1,2-Dichloroethane-d4
Concen: 119.783 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021192.D

Acq: 13 Feb 2025 12:55

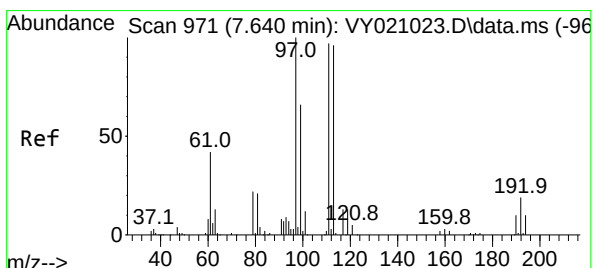
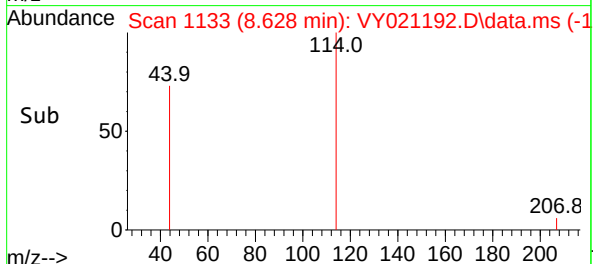
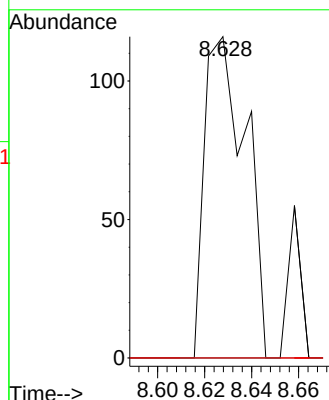
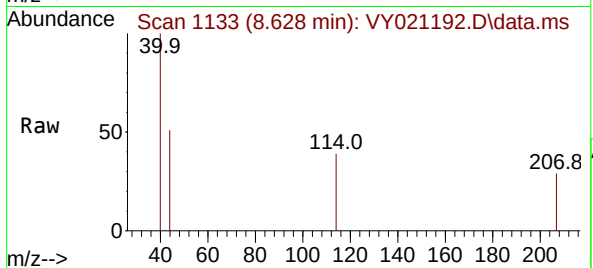
Instrument :

MSVOA_Y

ClientSampleId :

SOIL-COMP

Tgt Ion:114	Resp:	142
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 37.4
88	0.0	0.0 29.0



#35

Dibromofluoromethane

Concen: 193.400 ug/l

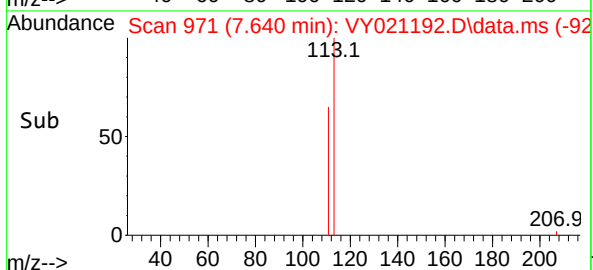
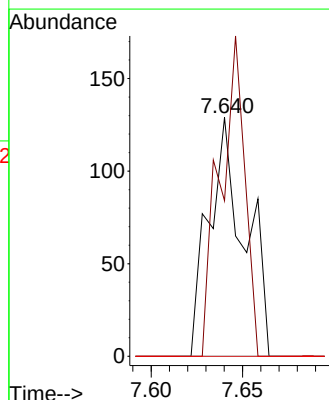
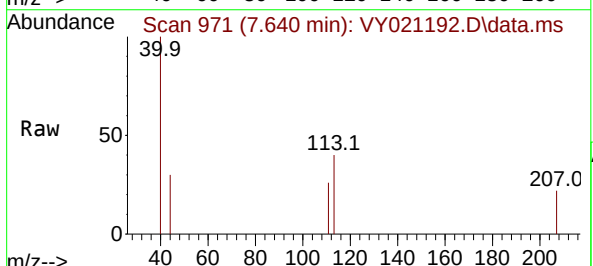
RT: 7.640 min Scan# 971

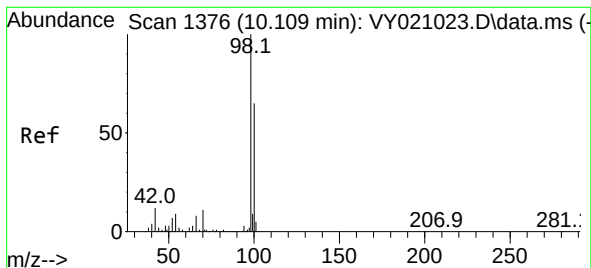
Delta R.T. -0.000 min

Lab File: VY021192.D

Acq: 13 Feb 2025 12:55

Tgt Ion:113	Resp:	176
Ion	Ratio	Lower Upper
113	100	
111	93.2	83.8 125.6
192	0.0	14.5 21.7

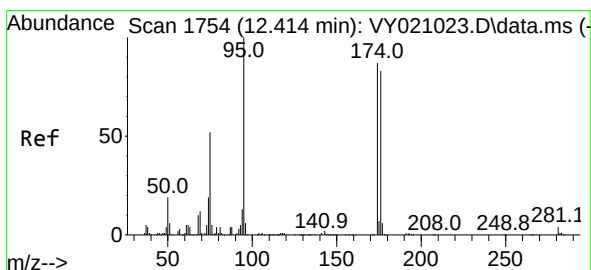
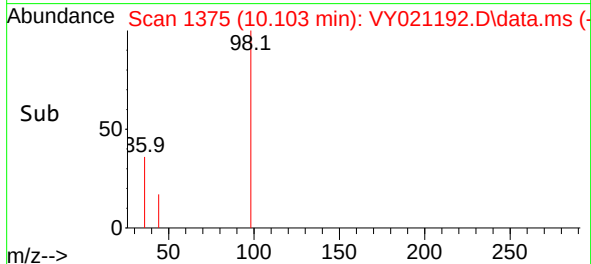
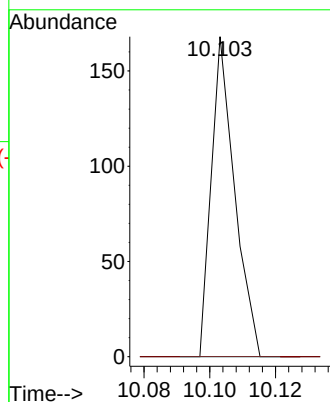
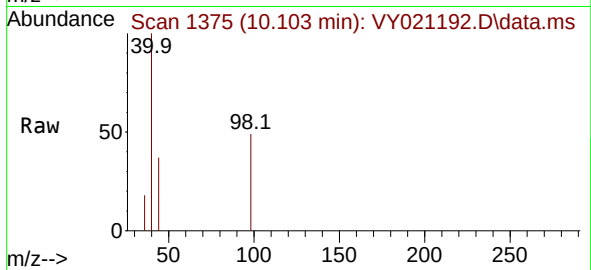




#50
Toluene-d8
Concen: 23.957 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

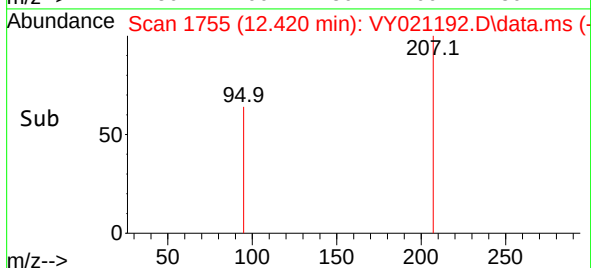
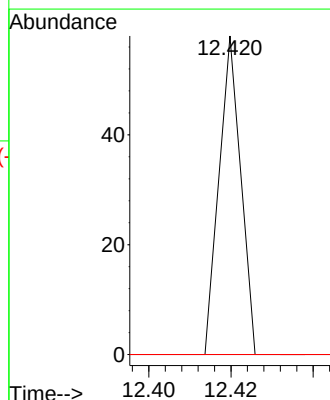
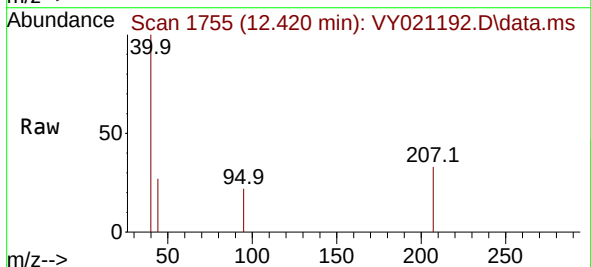
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

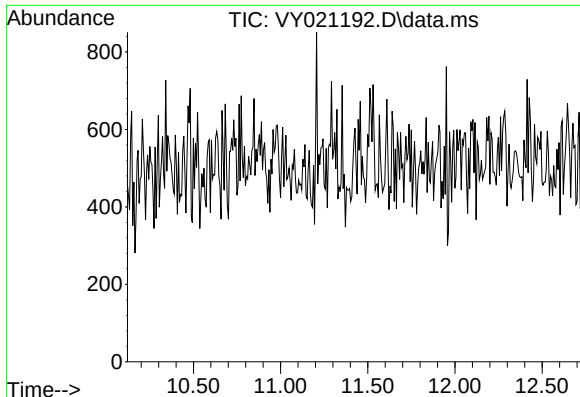
Tgt Ion: 98 Resp: 83
Ion Ratio Lower Upper
98 100
100 0.0 52.3 78.5#



#62
4-Bromofluorobenzene
Concen: 18.554 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Tgt Ion: 95 Resp: 21
Ion Ratio Lower Upper
95 100
174 0.0 0.0 160.0
176 0.0 0.0 151.8



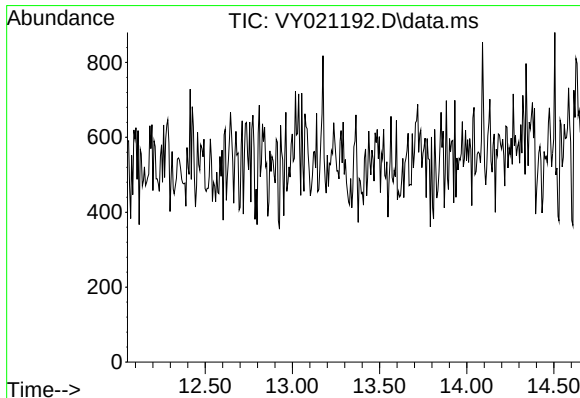
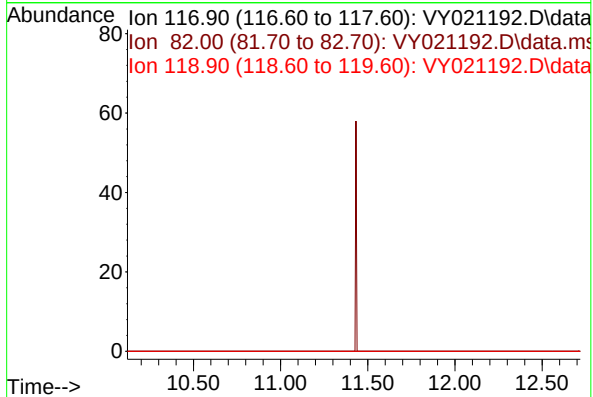


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Tgt Ion: 117
Sig Exp Ratio
117 100
82 54.8
119 33.1



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min

Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.0
150 172.3

