

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020823.D
 Acq On : 14 Jan 2025 15:38
 Operator : SY/MD
 Sample : Q1077-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:30:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

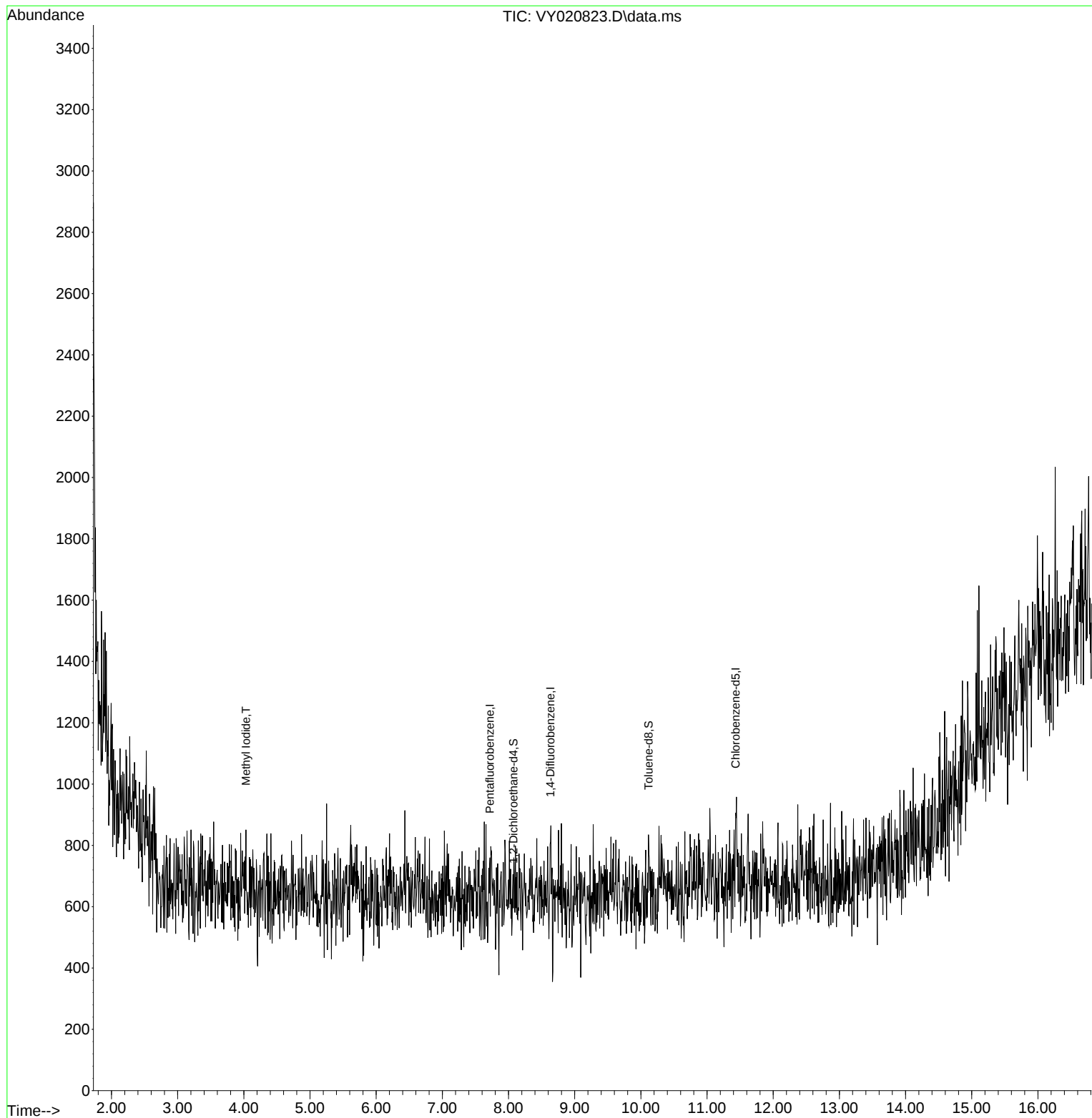
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

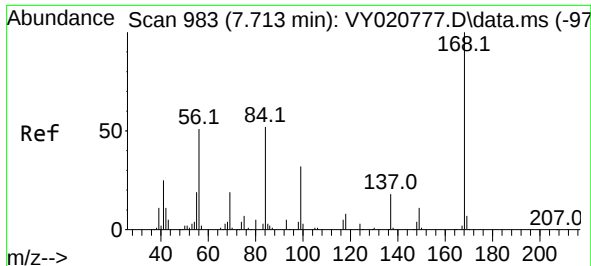
Internal Standards						
1) Pentafluorobenzene	7.720	168	40	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.634	114	237	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	176	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	41	120.593	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	241.180%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range 54 - 147	Recovery	=	0.000%#	
50) Toluene-d8	10.115	98	161	31.105	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	62.220%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range 29 - 146	Recovery	=	0.000%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.031	142	20	52.404	ug/l	# 35

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

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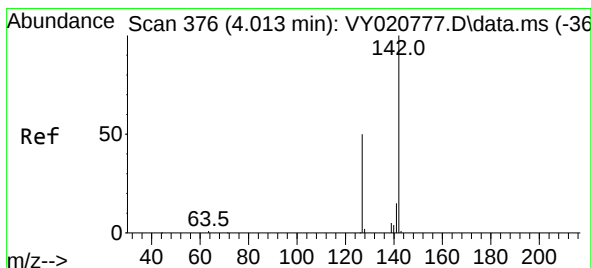
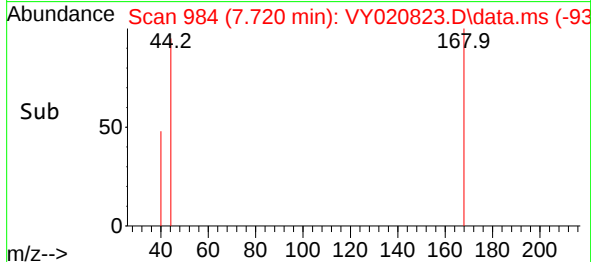
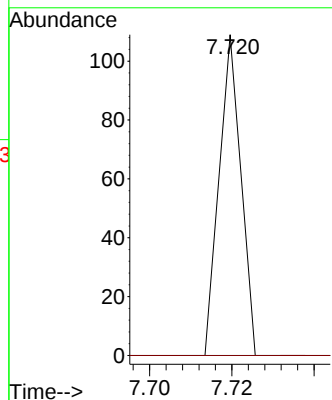
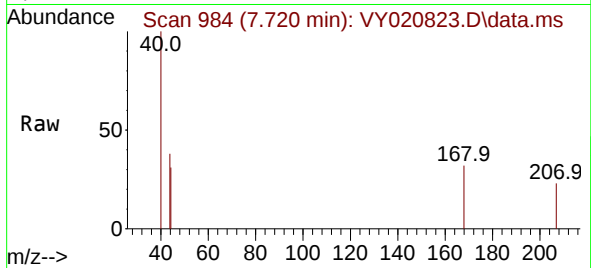
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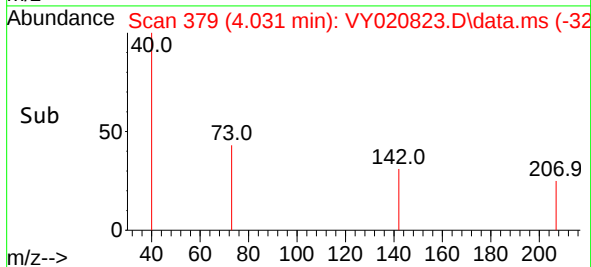
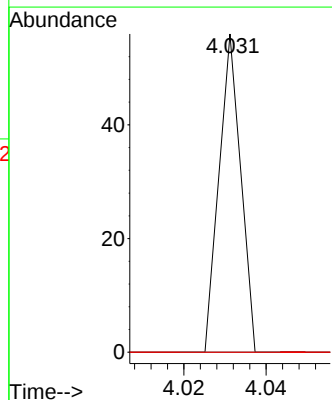
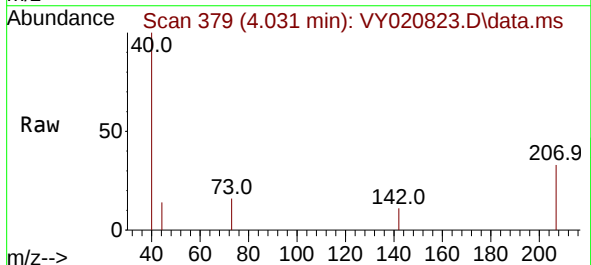
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.007 min
Lab File: VY020823.D
Acq: 14 Jan 2025 15:38

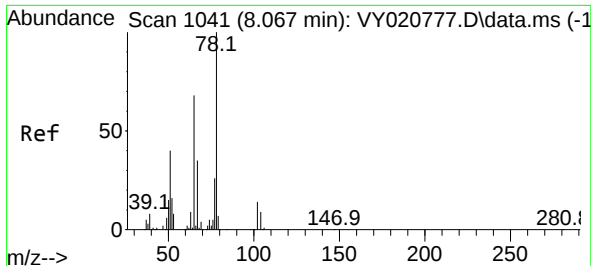
Tgt Ion:168 Resp: 40
Ion Ratio Lower Upper
168 100
99 0.0 44.3 66.5#



#10
Methyl Iodide
Concen: 52.404 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY020823.D
Acq: 14 Jan 2025 15:38

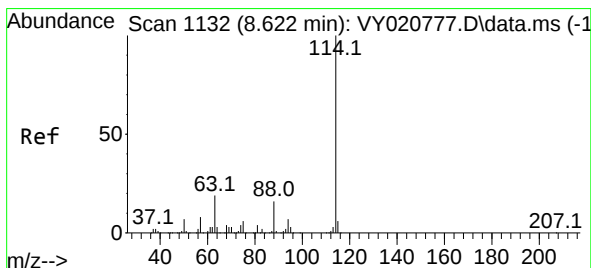
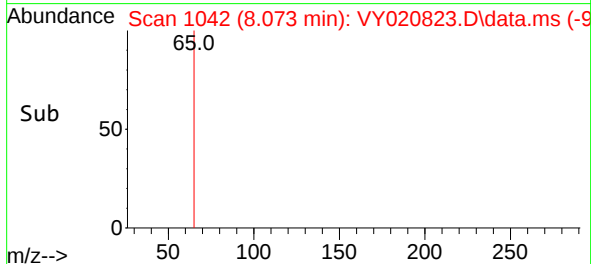
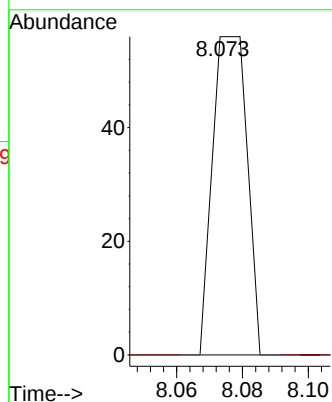
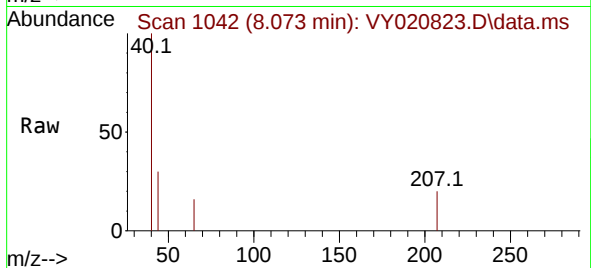
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 41.0 61.6#
141 0.0 11.6 17.4#





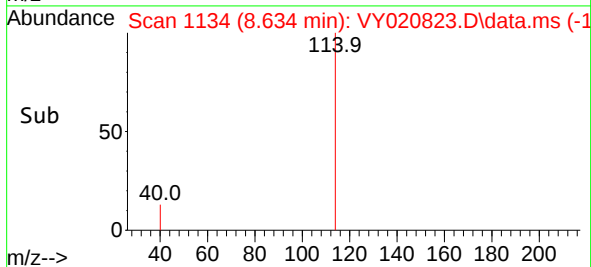
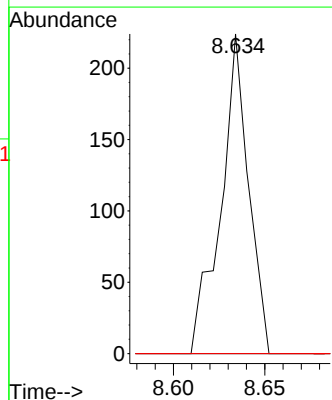
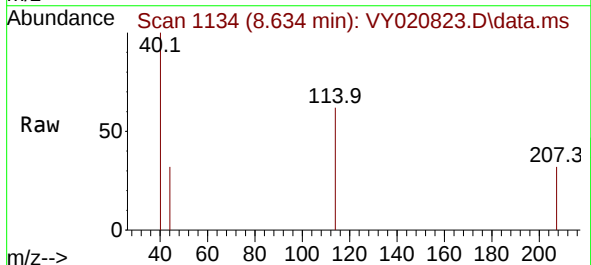
#33
1,2-Dichloroethane-d4
Concen: 120.593 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020823.D
Acq: 14 Jan 2025 15:38

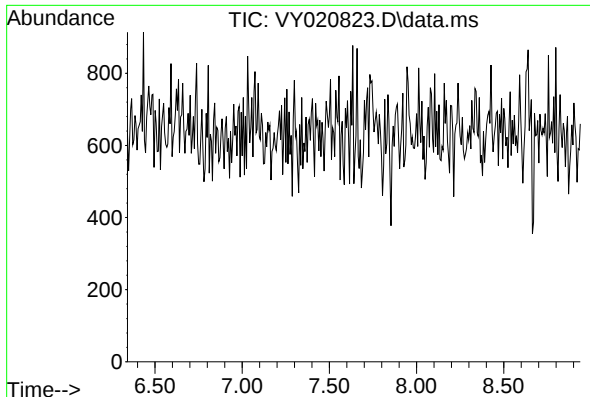
Tgt Ion: 65 Resp: 41
Ion Ratio Lower Upper
65 100
67 0.0 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.634 min Scan# 1134
Delta R.T. 0.012 min
Lab File: VY020823.D
Acq: 14 Jan 2025 15:38

Tgt Ion: 114 Resp: 237
Ion Ratio Lower Upper
114 100
63 0.0 0.0 38.4
88 0.0 0.0 31.2

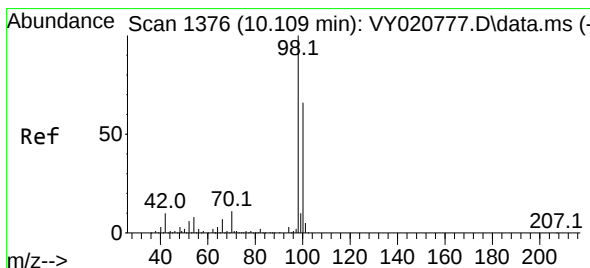
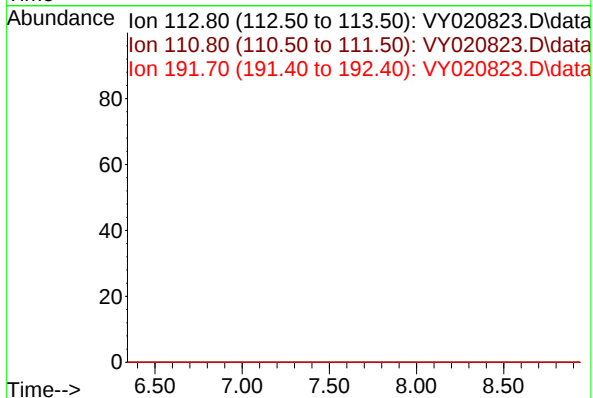




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.64 min
 Lab File: VY020823.D
 Acq: 14 Jan 2025 15:38

Tgt Ion: 113

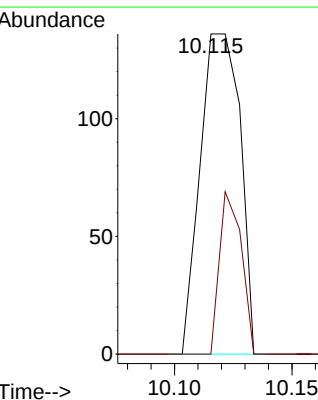
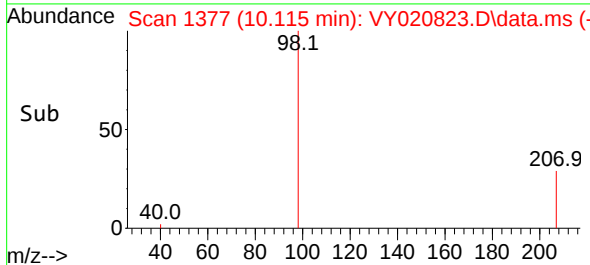
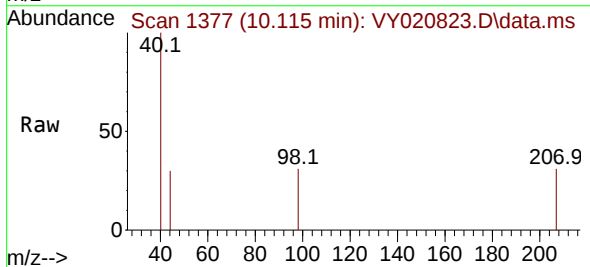
Sig	Exp Ratio
113	100
111	102.1
192	20.9

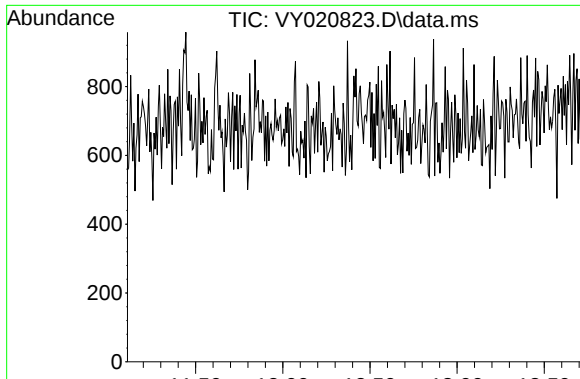


#50
 Toluene-d8
 Concen: 31.105 ug/l
 RT: 10.115 min Scan# 1377
 Delta R.T. 0.006 min
 Lab File: VY020823.D
 Acq: 14 Jan 2025 15:38

Tgt Ion: 98 Resp: 161

Ion	Ratio	Lower	Upper
98	100		
100	28.0	52.5	78.7#

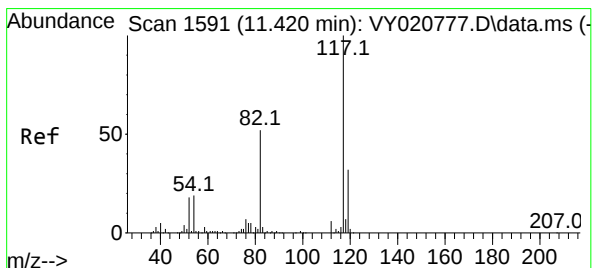
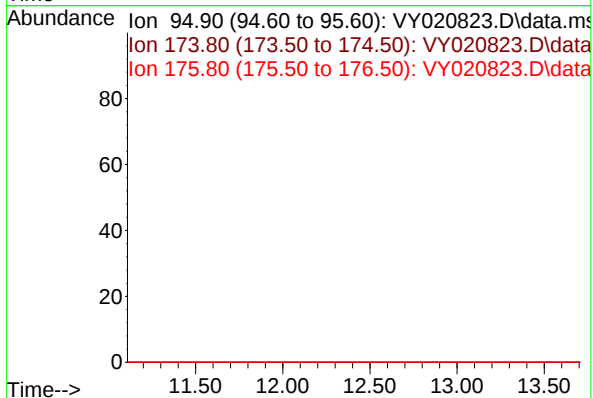




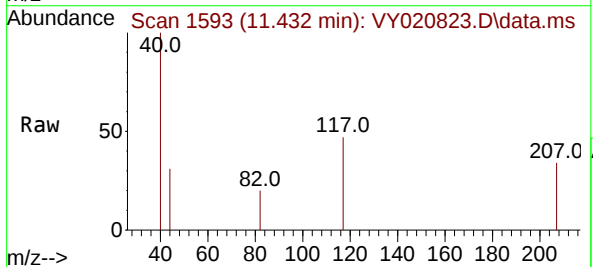
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.41 min

Lab File: VY020823.D
 Acq: 14 Jan 2025 15:38

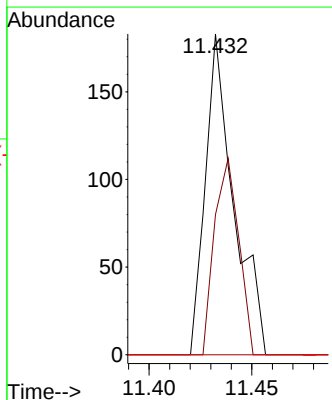
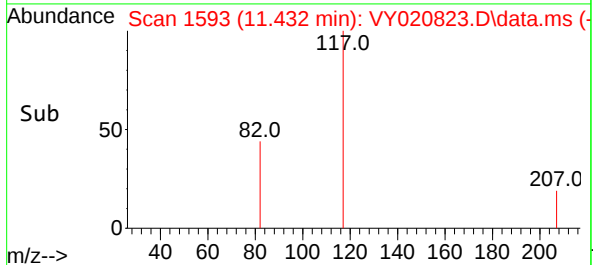
Tgt Ion	95
Sig	Exp Ratio
95	100
174	89.0
176	86.0

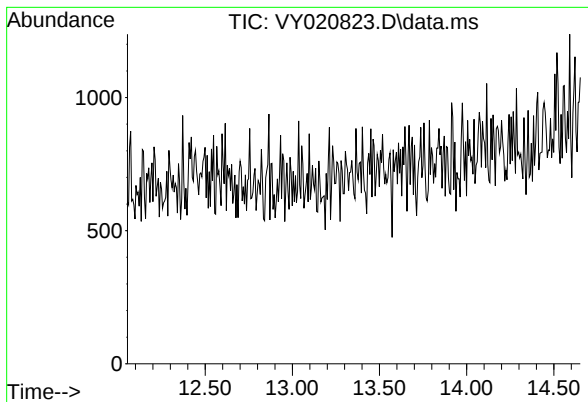


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.432 min Scan# 1593
 Delta R.T. 0.012 min
 Lab File: VY020823.D
 Acq: 14 Jan 2025 15:38



Tgt Ion	117	Resp	176
Ion Ratio	Lower	Upper	
117	100		
82	43.7	41.8	62.6
119	0.0	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.35 min
 Lab File: VY020823.D
 Acq: 14 Jan 2025 15:38

Tgt Ion: 152	
Sig	Exp Ratio
152	100
115	58.0
150	173.7

