

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020822.D
 Acq On : 14 Jan 2025 14:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:30:22 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)

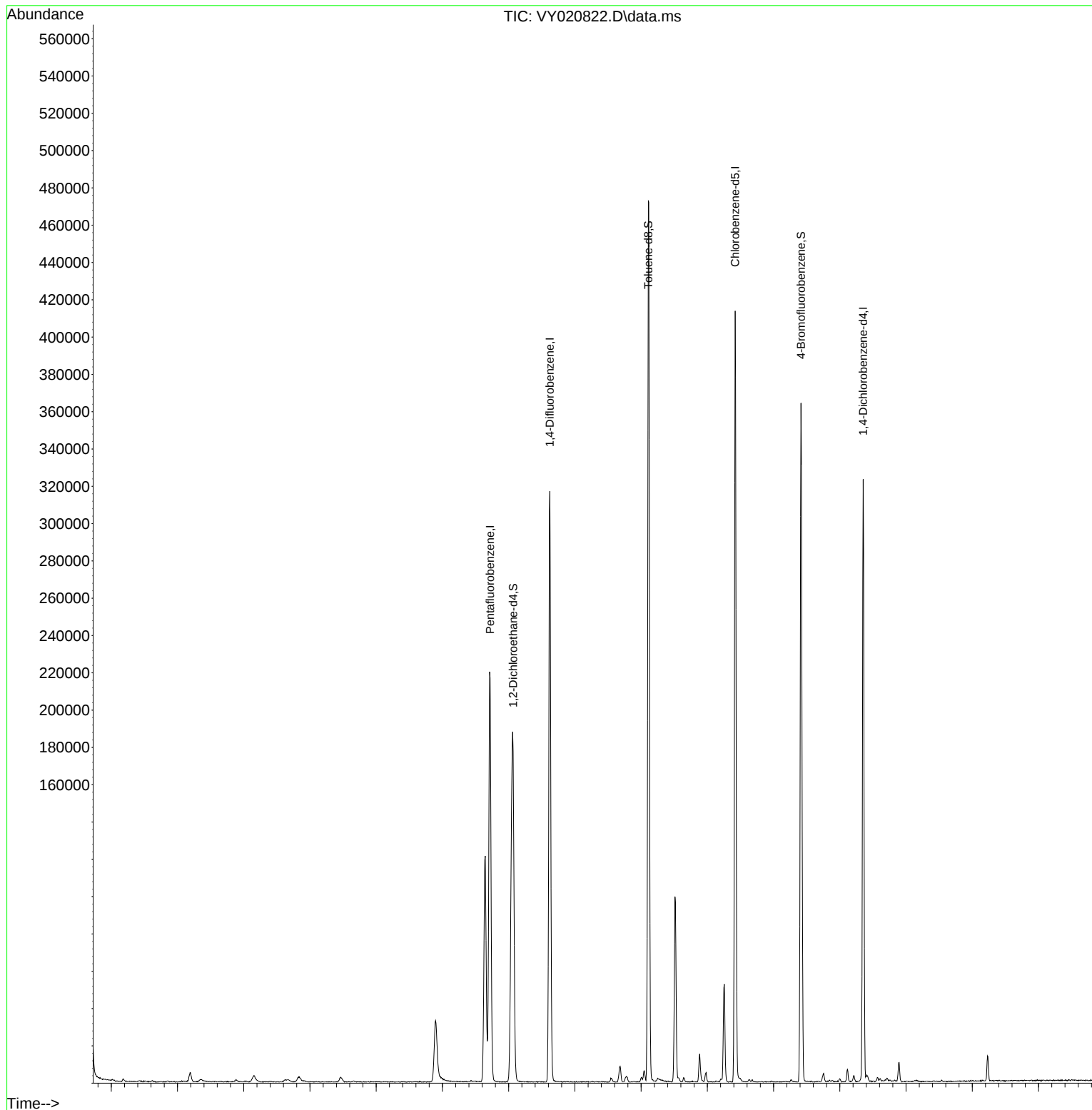
Internal Standards						
1) Pentafluorobenzene	7.719	168	181001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	283531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	228707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	87076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	91640	59.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.646	113	87164	49.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.109	98	323323	52.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.414	95	93775	41.009	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.020%

Target Compounds Qvalue

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

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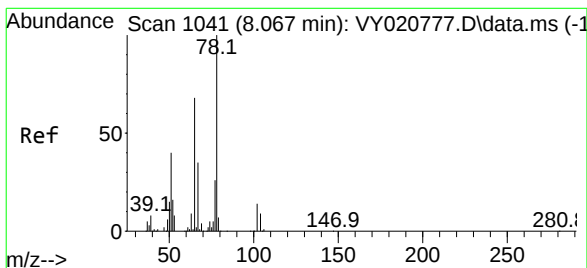
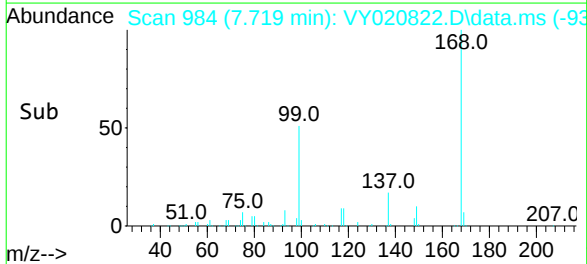
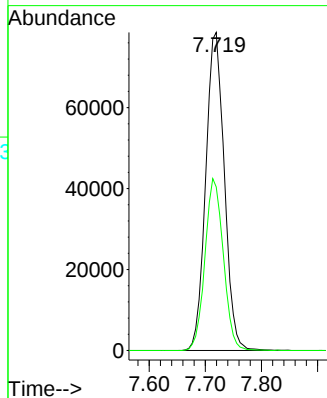
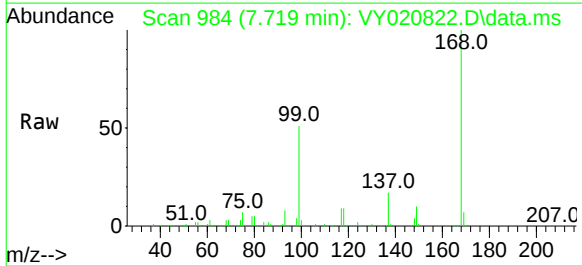
Quant Time: Jan 15 03:30:22 2025
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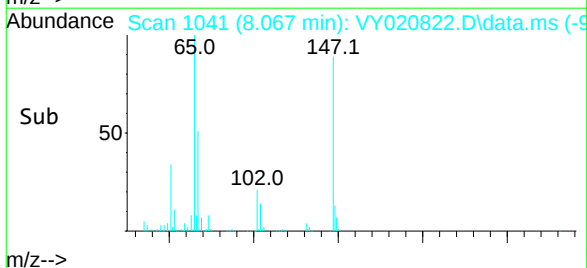
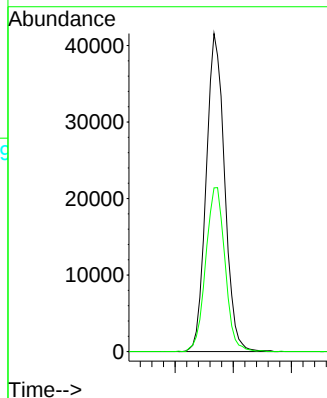
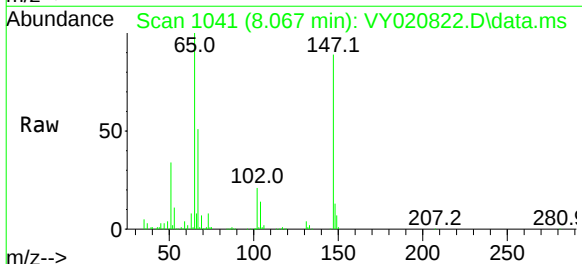
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

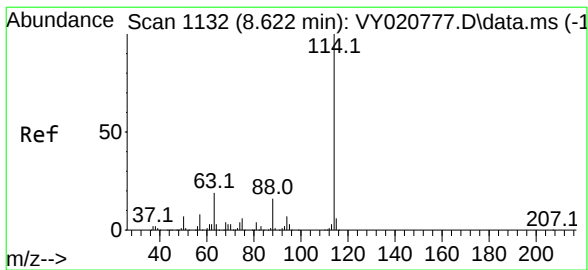
Tgt Ion: 168 Resp: 181001
Ion Ratio Lower Upper
168 100
99 51.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.567 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

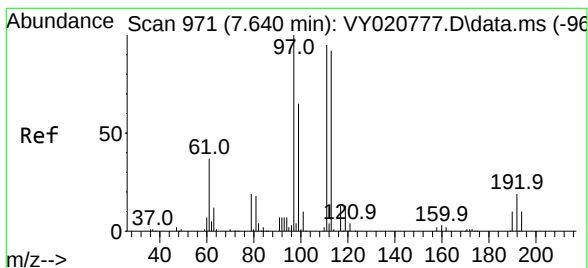
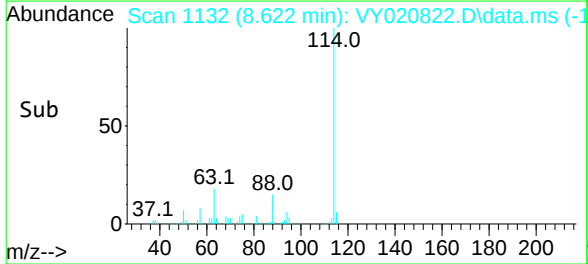
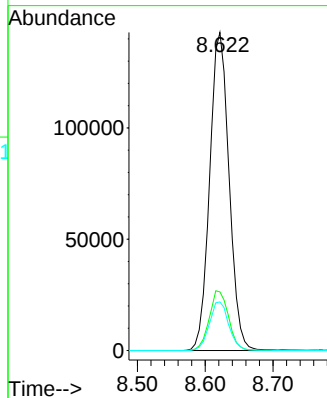
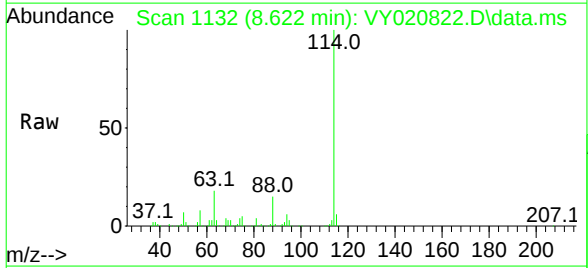
Tgt Ion: 65 Resp: 91640
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.8





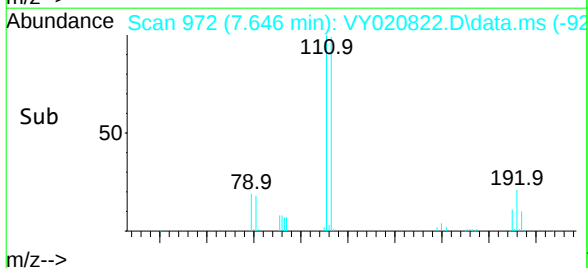
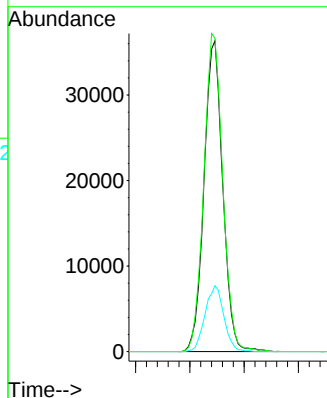
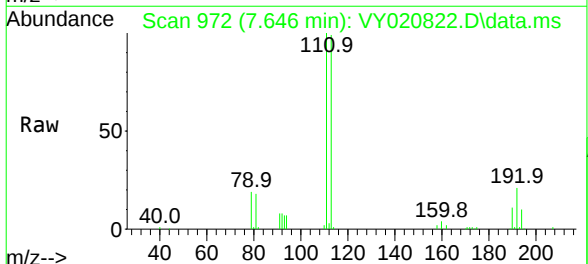
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

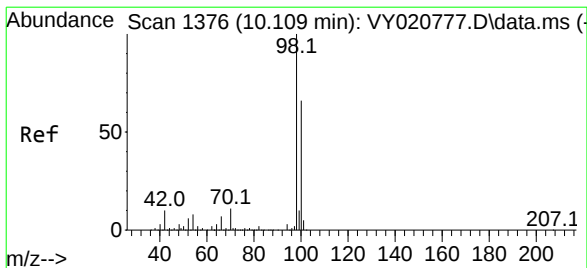
Tgt Ion:114	Resp: 283531
Ion Ratio	Lower Upper
114 100	
63 18.4	0.0 38.4
88 15.3	0.0 31.2



#35
Dibromofluoromethane
Concen: 49.071 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion:113	Resp: 87164
Ion Ratio	Lower Upper
113 100	
111 103.5	81.7 122.5
192 21.3	16.7 25.1





#50

Toluene-d8

Concen: 52.215 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020822.D

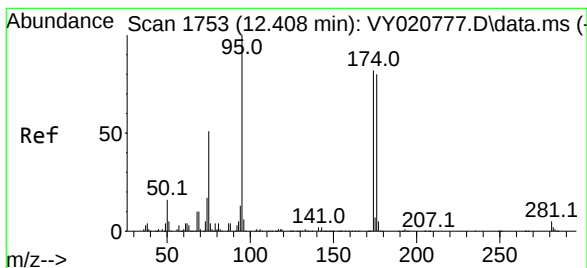
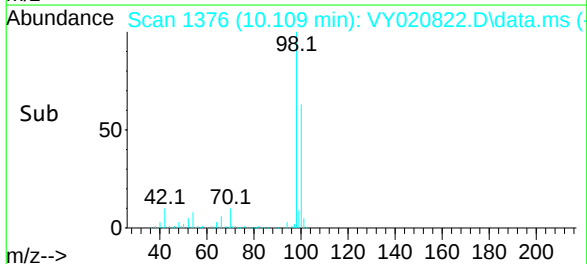
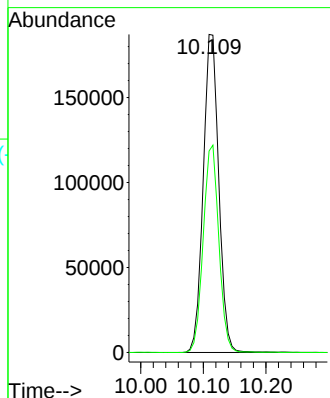
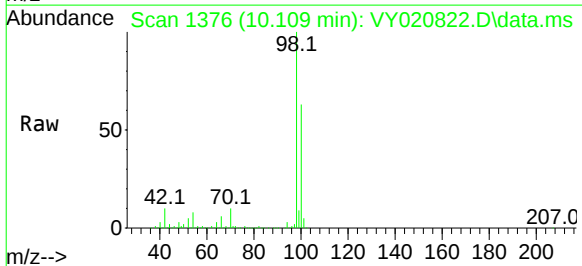
Acq: 14 Jan 2025 14:46

Tgt Ion: 98 Resp: 323323

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.009 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020822.D

Acq: 14 Jan 2025 14:46

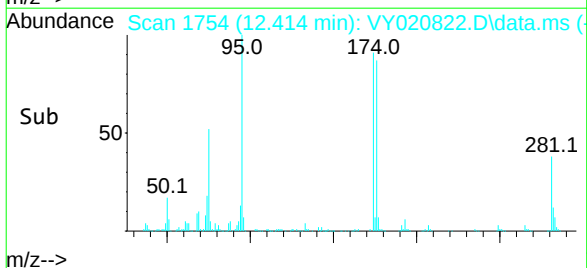
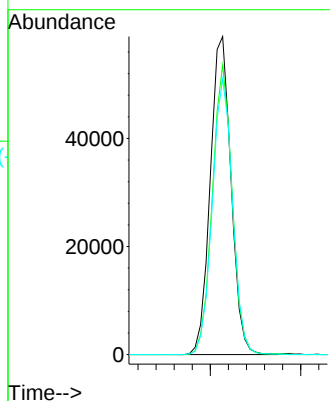
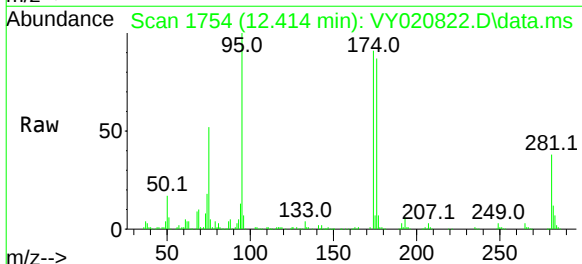
Tgt Ion: 95 Resp: 93775

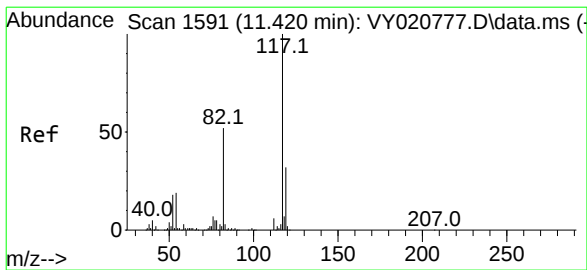
Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.0

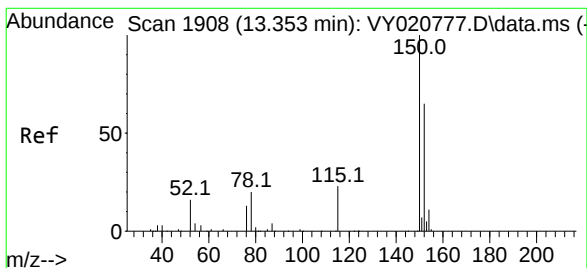
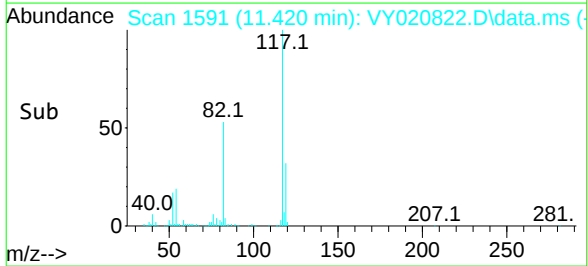
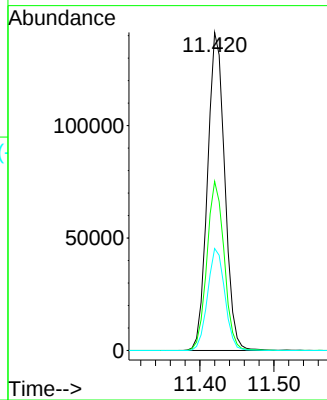
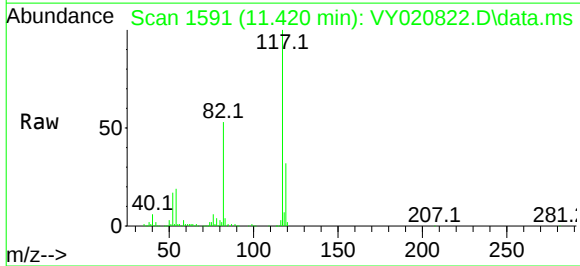
176 84.7 0.0 172.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	32.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020822.D
Acq: 14 Jan 2025 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.0	87.0
150	157.4	0.0	347.4

