

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014910.D
 Acq On : 28 Jul 2023 15:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 29 03:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	137701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	241205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	236318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87606	55.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.710	113	76053	49.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.173	98	288722	51.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.477	95	107953	49.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.460%

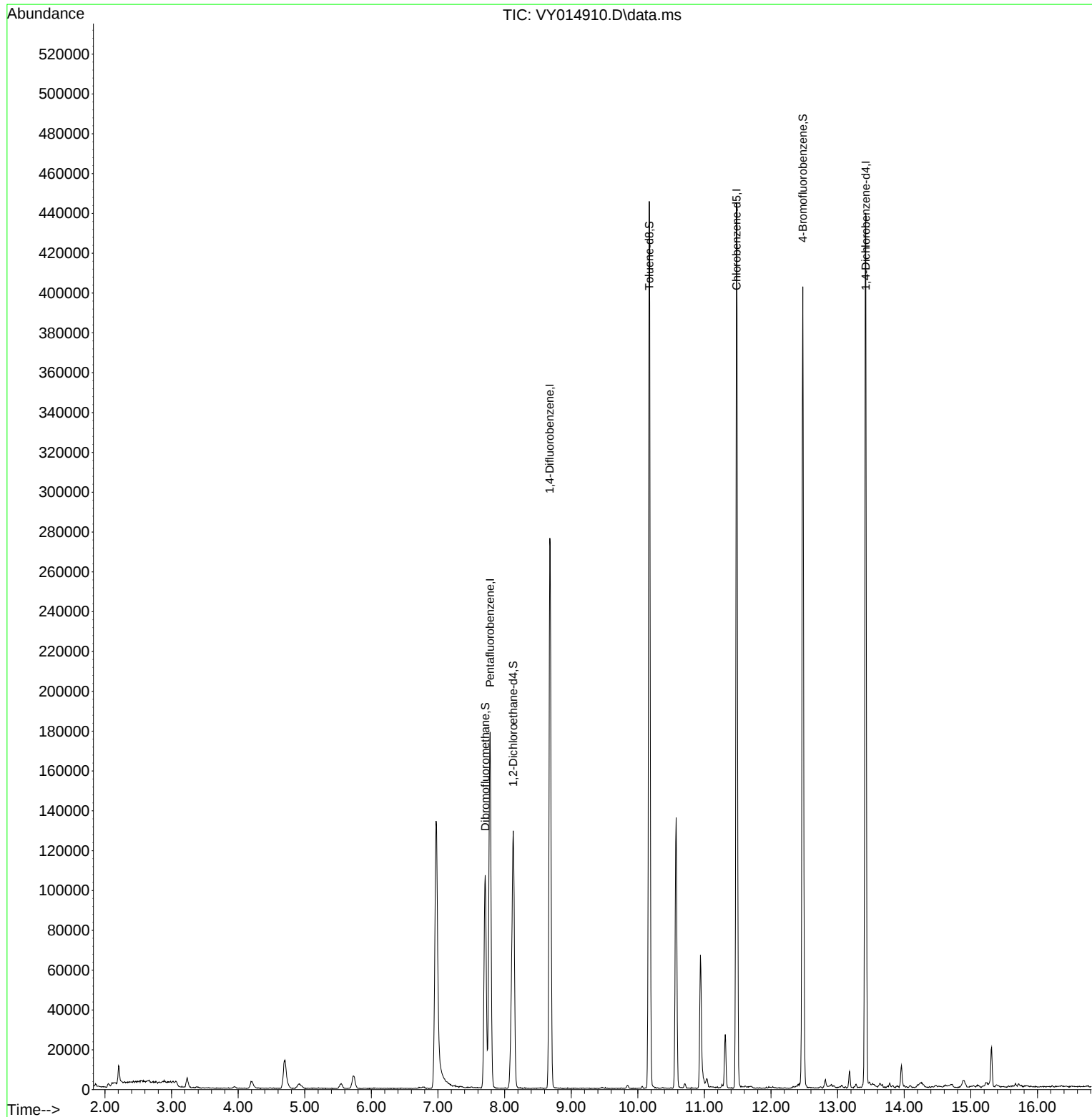
Target Compounds	Qvalue

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

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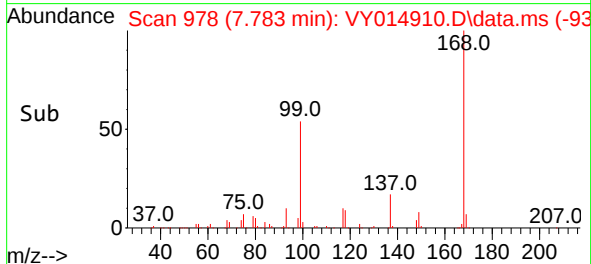
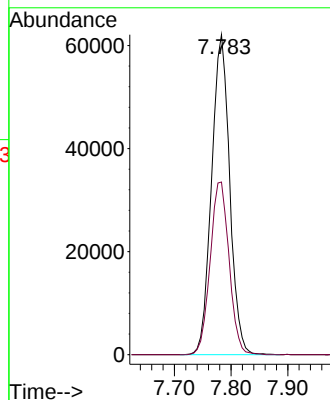
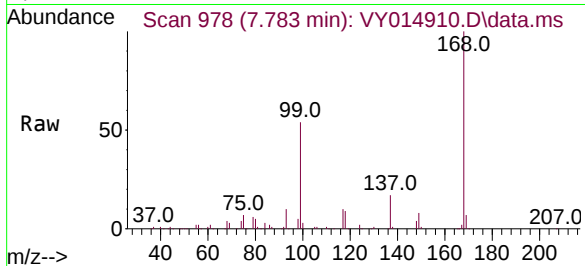




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

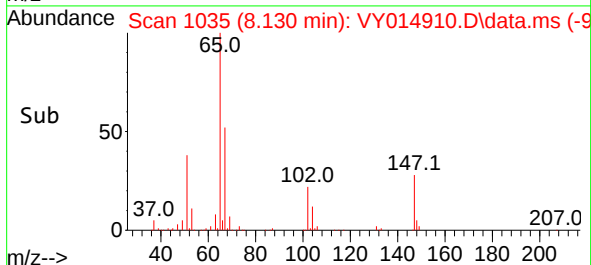
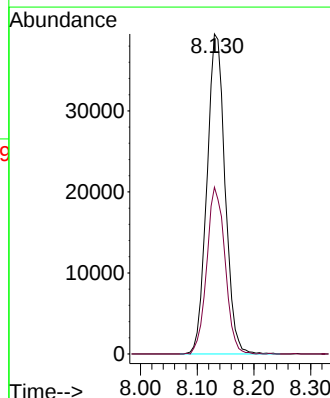
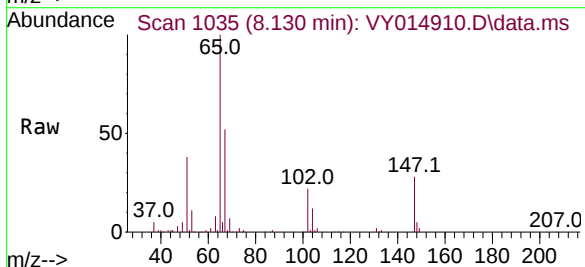
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

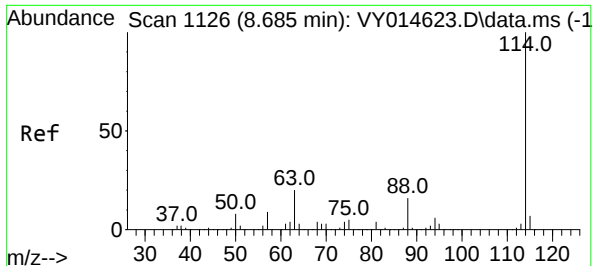
Tgt Ion:168 Resp: 137701
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.830 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 65 Resp: 87606
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY014910.D

Acq: 28 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

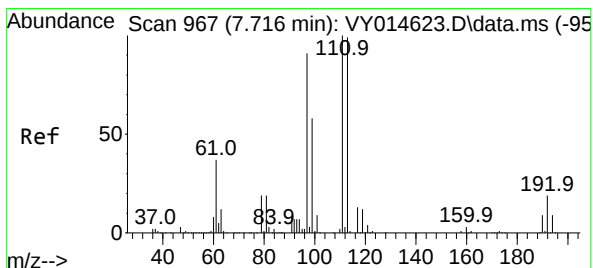
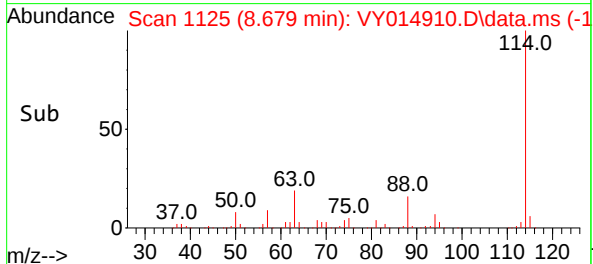
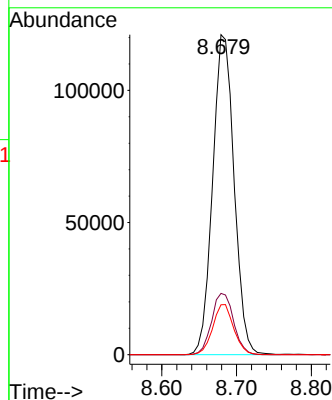
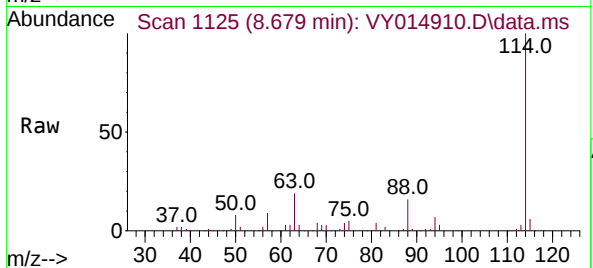
Tgt Ion:114 Resp: 241205

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014910.D

Acq: 28 Jul 2023 15:43

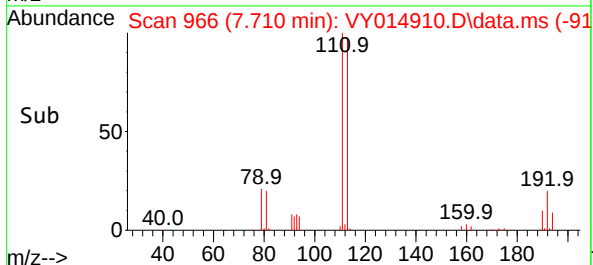
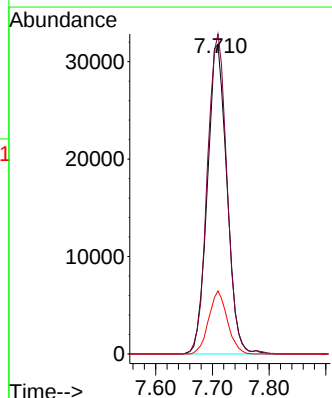
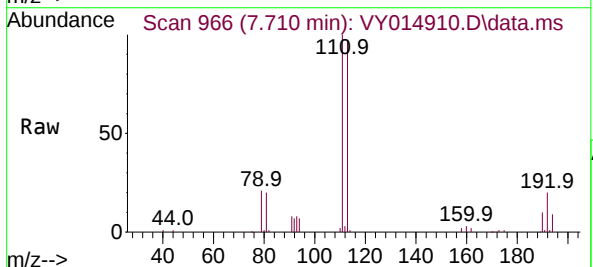
Tgt Ion:113 Resp: 76053

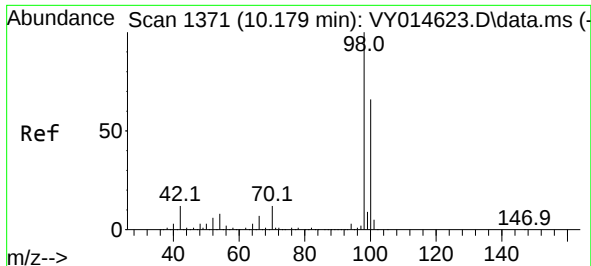
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.5 16.9 25.3

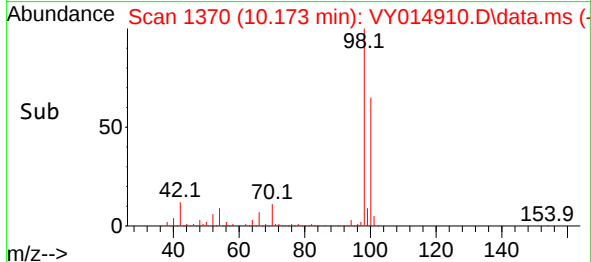
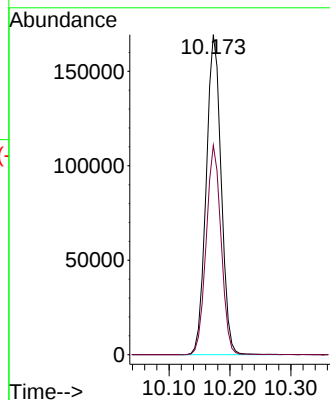
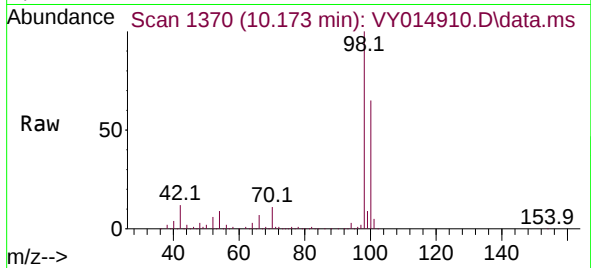




#50
Toluene-d8
Concen: 51.003 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

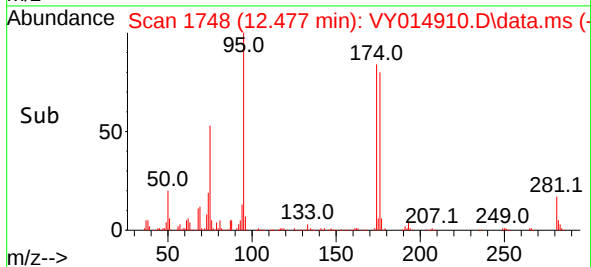
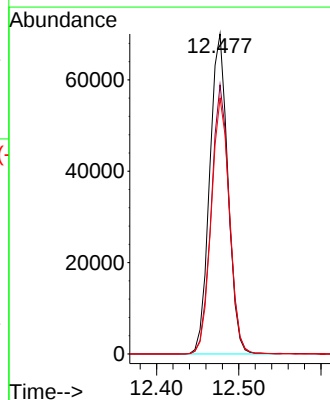
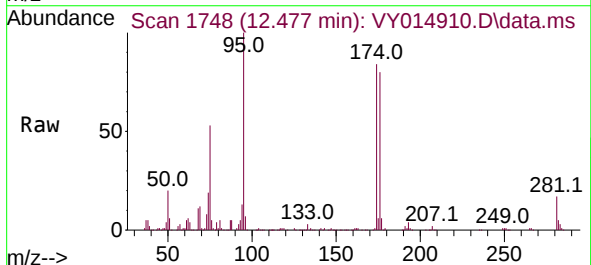
Instrument :
MSVOA_Y
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VIBLK

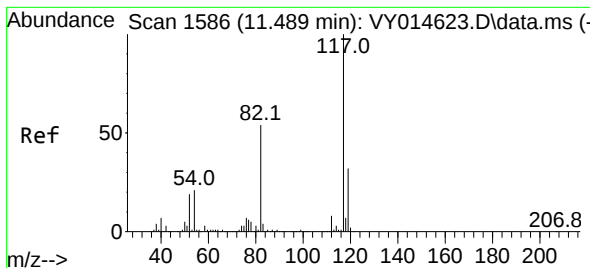
Tgt Ion: 98 Resp: 288722
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.734 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014910.D
Acq: 28 Jul 2023 15:43

Tgt Ion: 95 Resp: 107953
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 80.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014910.D

Acq: 28 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

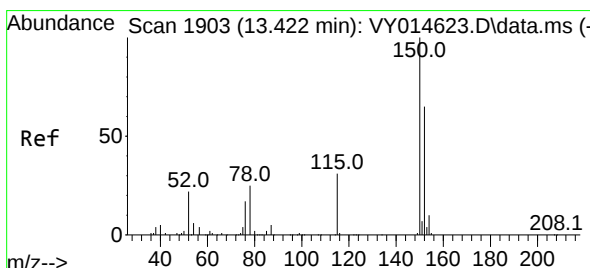
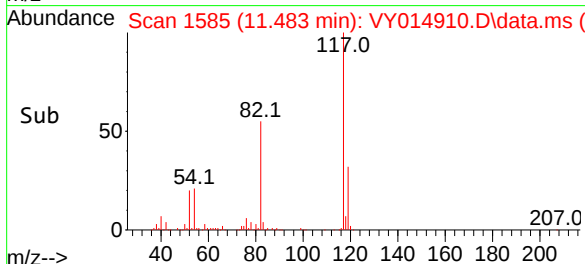
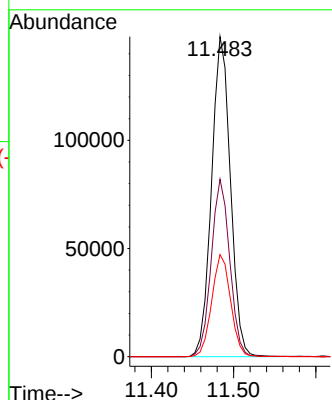
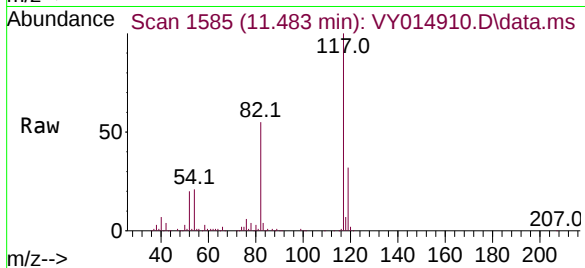
Tgt Ion:117 Resp: 236318

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014910.D

Acq: 28 Jul 2023 15:43

Tgt Ion:152 Resp: 112758

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 158.7 0.0 348.8

