

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014917.D
 Acq On : 28 Jul 2023 18:33
 Operator : SY/MD
 Sample : 03834-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P2A

Quant Time: Jul 29 03:10:24 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	126501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	212076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78463	54.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.860%
35) Dibromofluoromethane	7.709	113	69802	49.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.172	98	259609	49.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.477	95	94644	47.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%

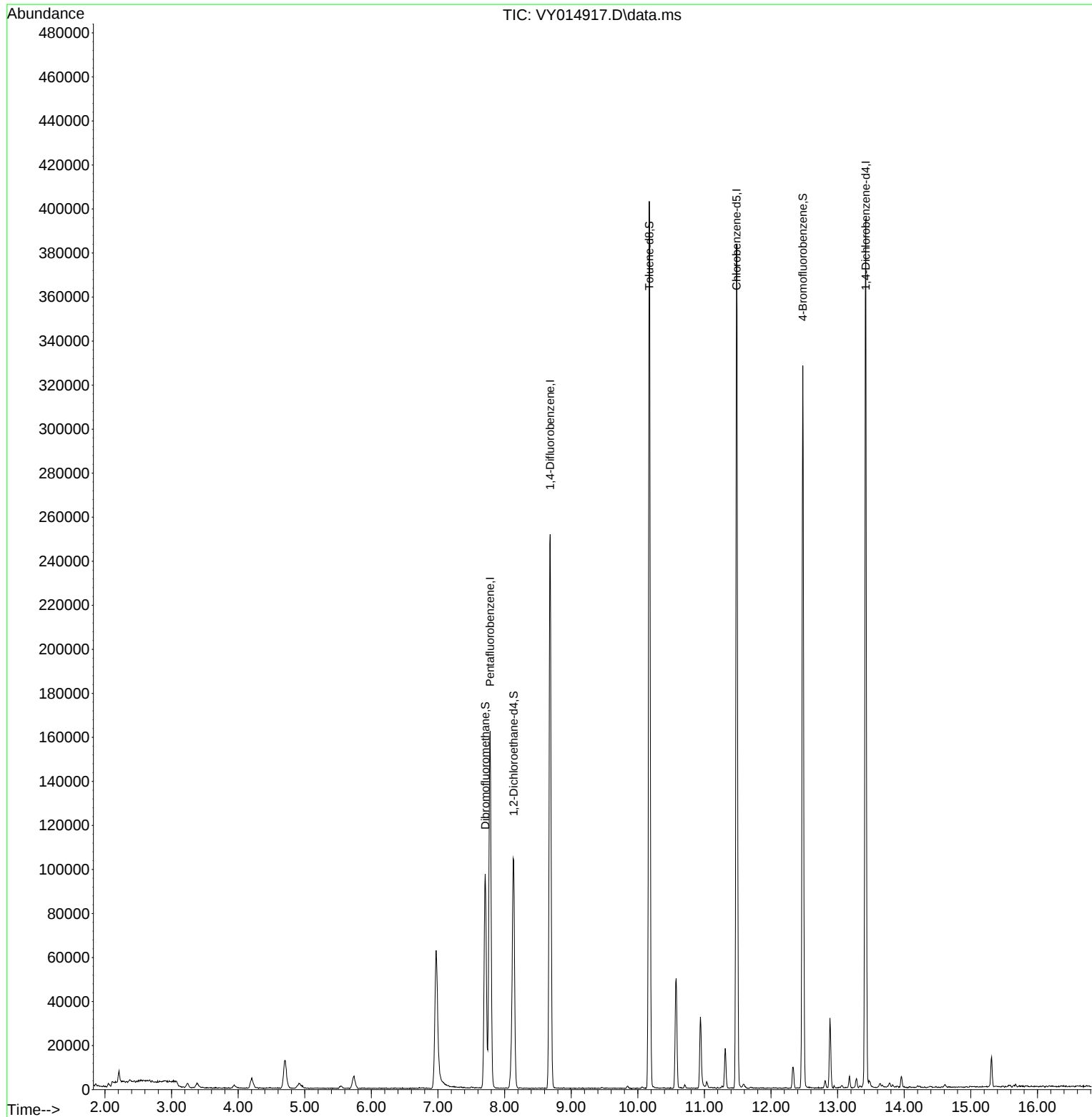
Target Compounds	Qvalue

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

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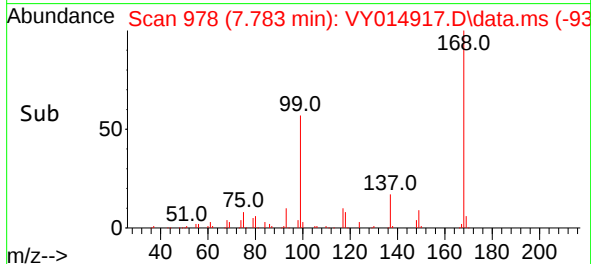
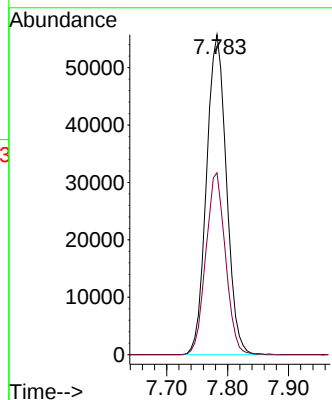
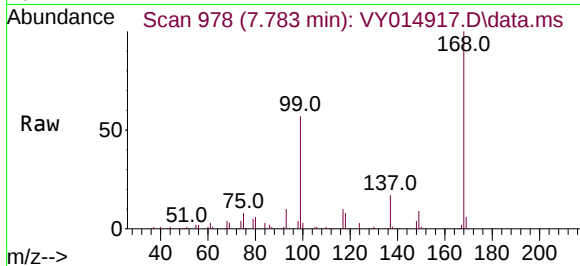




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

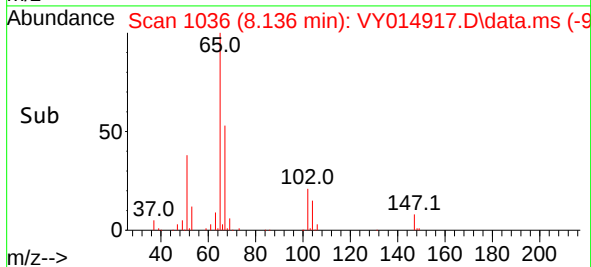
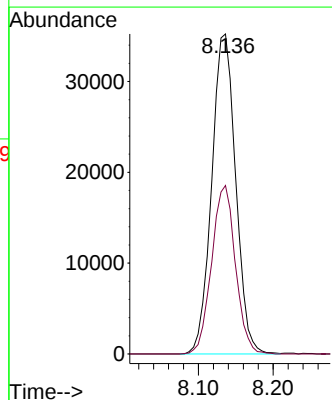
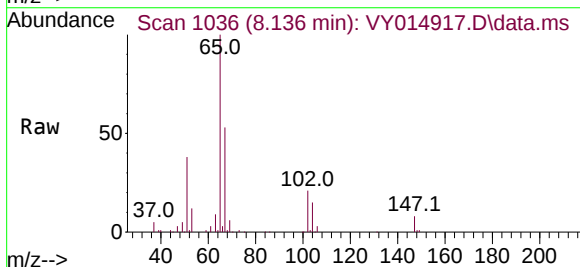
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

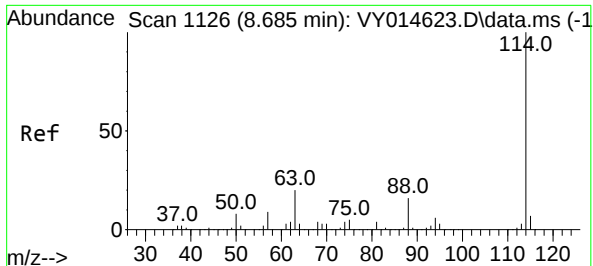
Tgt Ion:168 Resp: 126501
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.430 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion: 65 Resp: 78463
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014917.D

Acq: 28 Jul 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

B-P2A

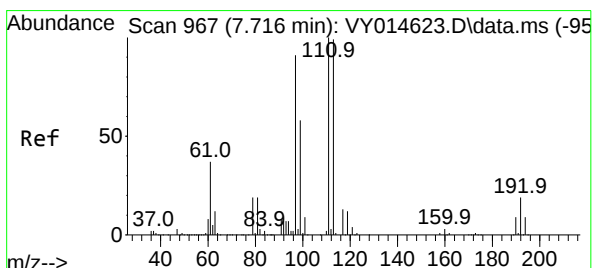
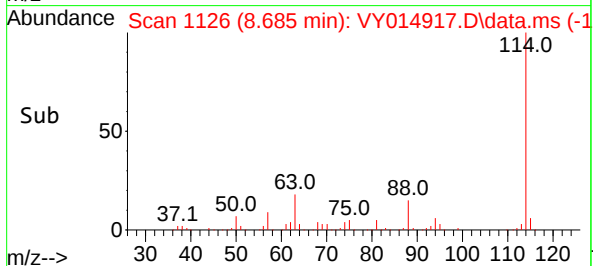
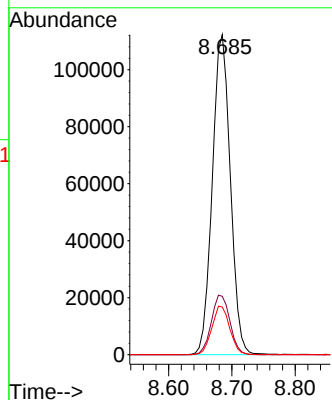
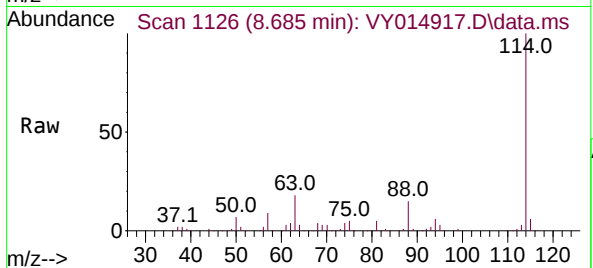
Tgt Ion:114 Resp: 221950

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.404 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014917.D

Acq: 28 Jul 2023 18:33

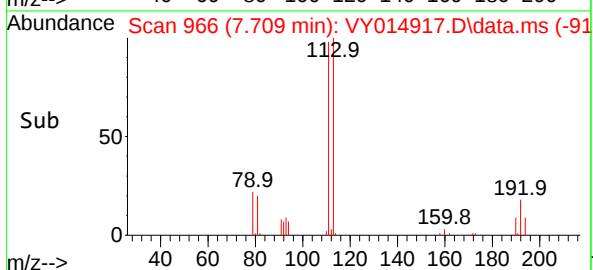
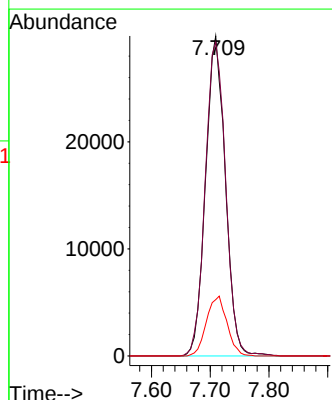
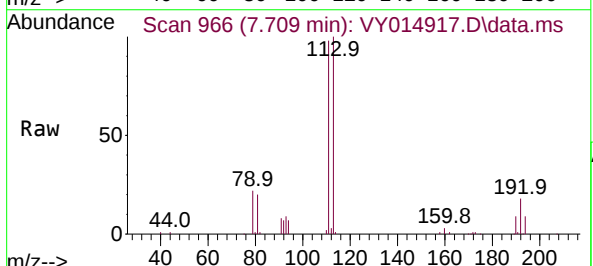
Tgt Ion:113 Resp: 69802

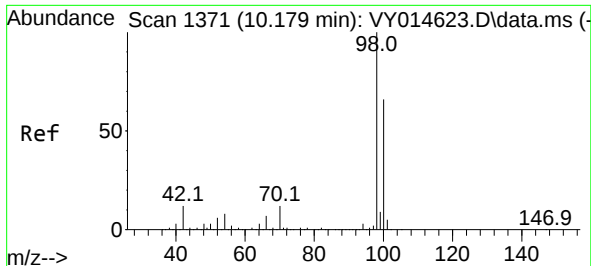
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.4 16.9 25.3

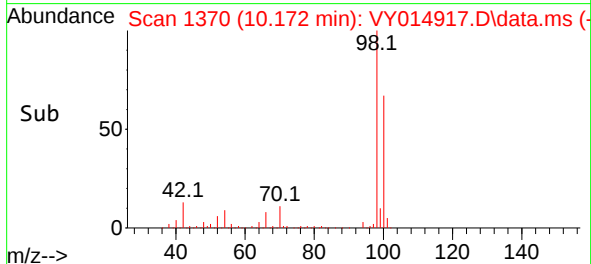
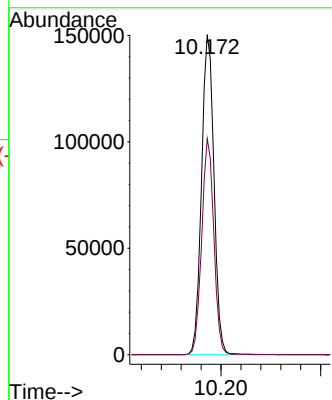
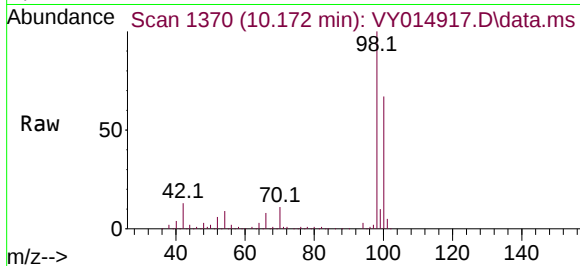




#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

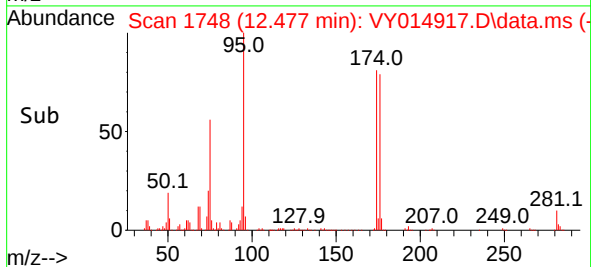
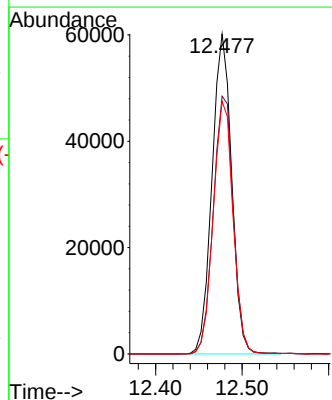
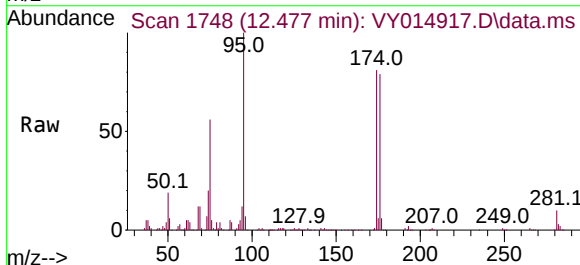
Instrument :
MSVOA_Y
ClientSampleId :
B-P2A

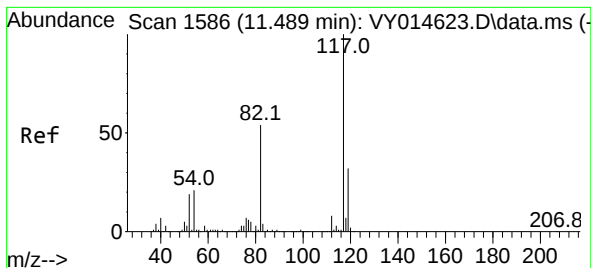
Tgt Ion: 98 Resp: 259609
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.385 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014917.D
Acq: 28 Jul 2023 18:33

Tgt Ion: 95 Resp: 94644
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 79.6 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: VY014917.D

Acq: 28 Jul 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

B-P2A

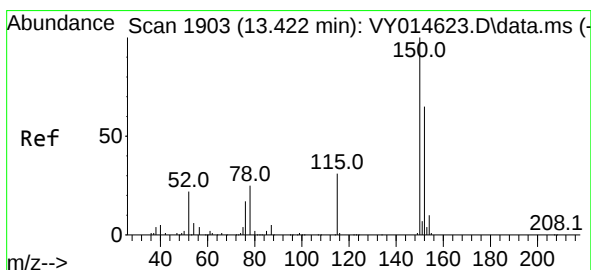
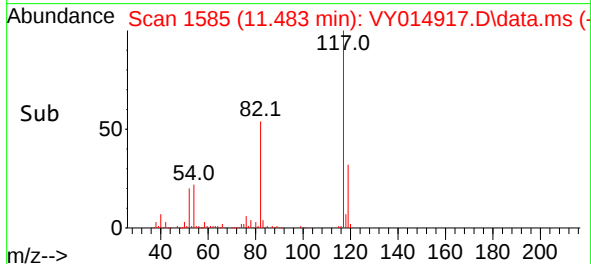
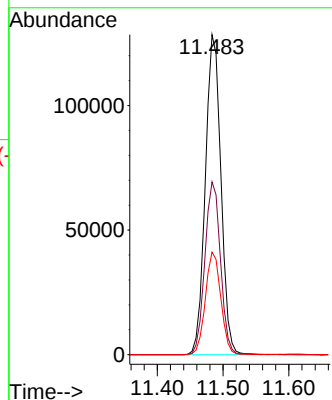
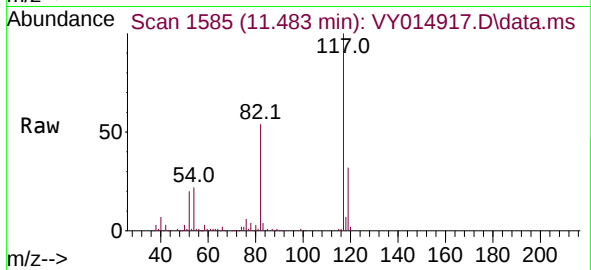
Tgt Ion:117 Resp: 212076

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.0 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: VY014917.D

Acq: 28 Jul 2023 18:33

Tgt Ion:152 Resp: 97741

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 158.5 0.0 348.8

