

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014500.D
 Acq On : 29 Jun 2023 16:50
 Operator : KP/MD
 Sample : 03473-06
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-011

Quant Time: Jun 30 04:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	190079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	245276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135393	57.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.740%
35) Dibromofluoromethane	7.716	113	82149	50.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.173	98	312592	48.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.477	95	96719	41.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.860%

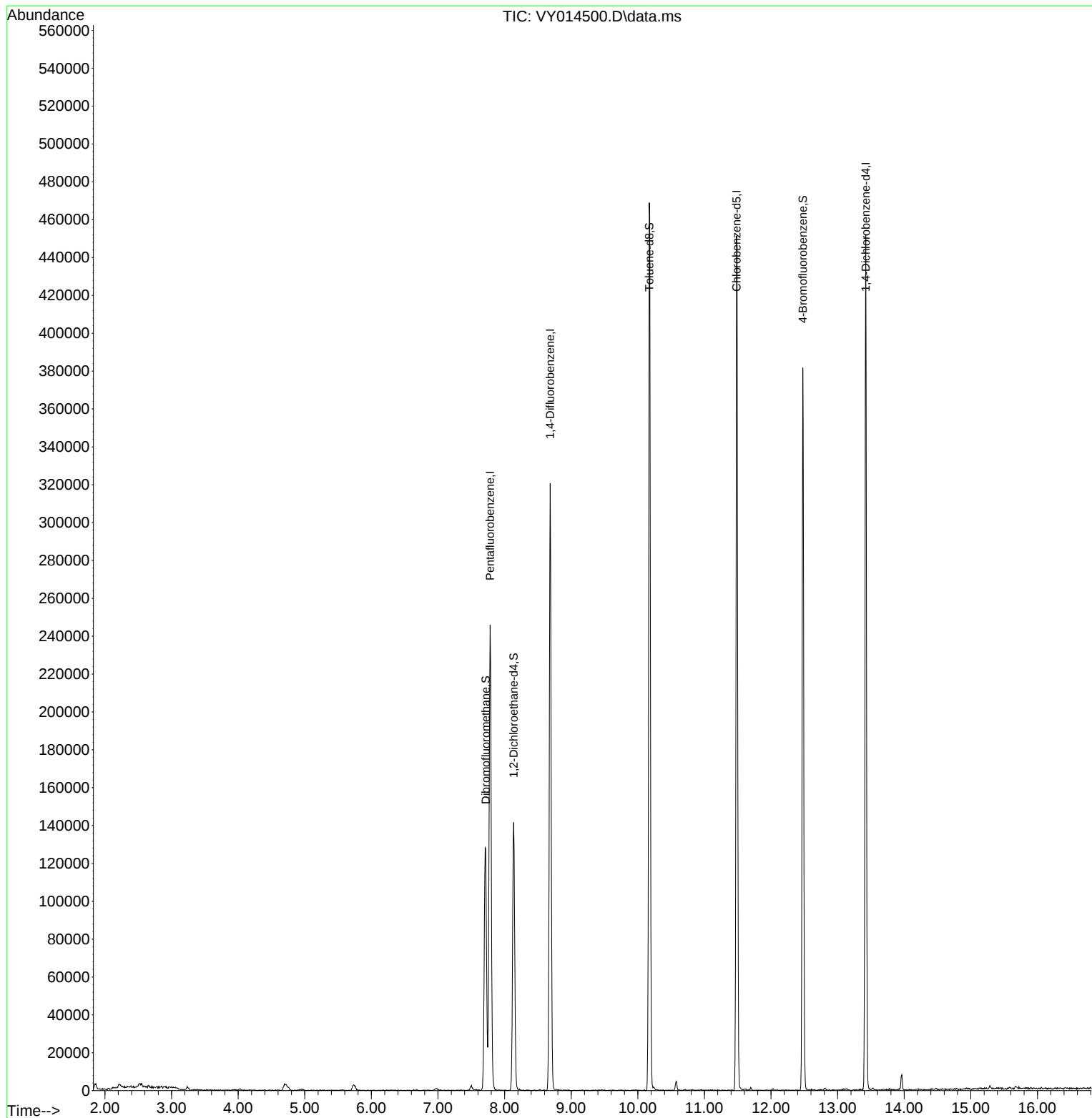
Target Compounds	Qvalue

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

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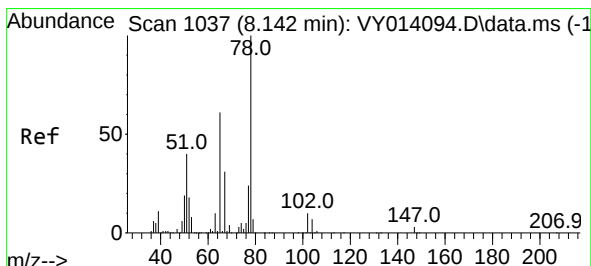
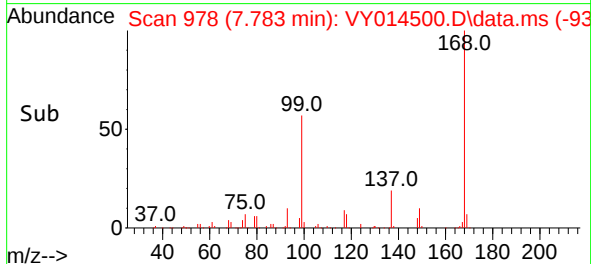
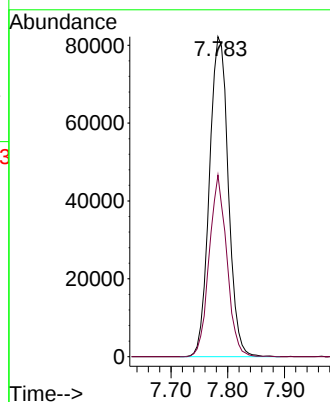
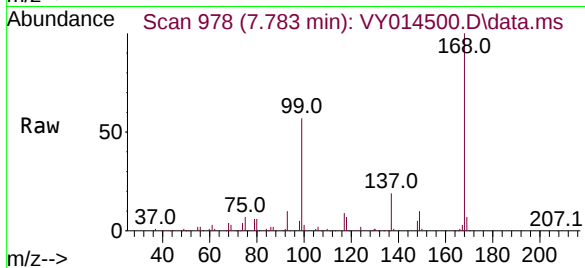




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

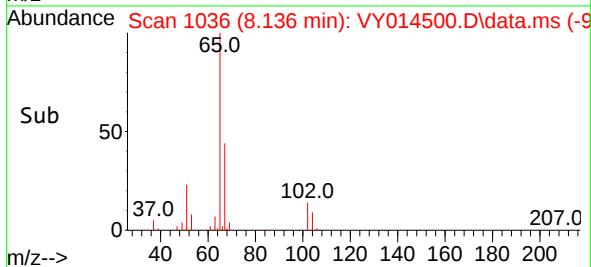
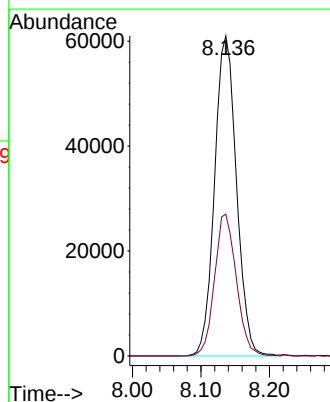
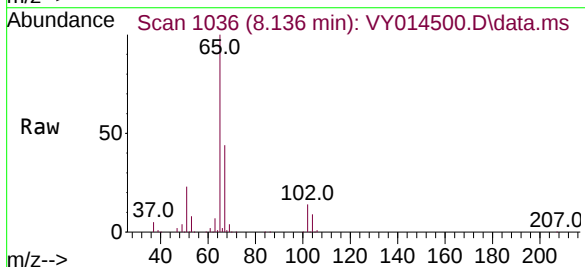
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-011

Tgt Ion:168 Resp: 190079
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.370 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion: 65 Resp: 135393
Ion Ratio Lower Upper
65 100
67 44.1 0.0 101.8

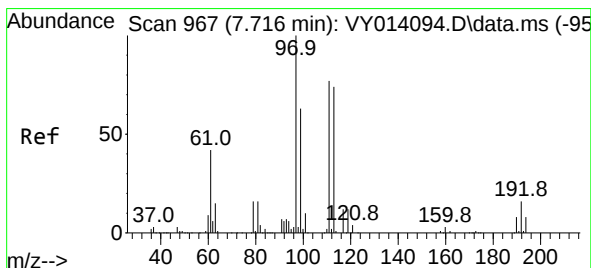
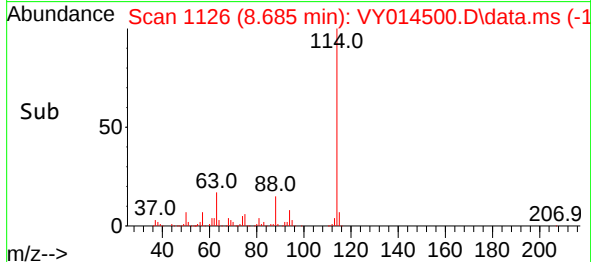
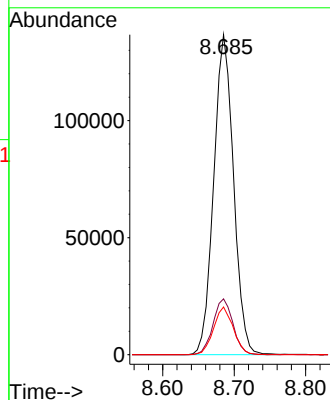
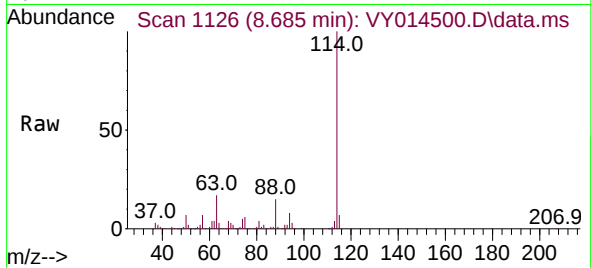




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

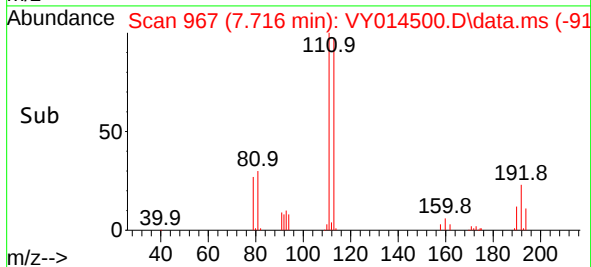
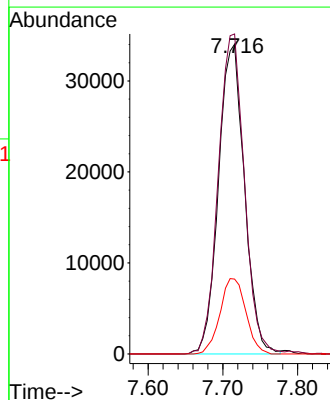
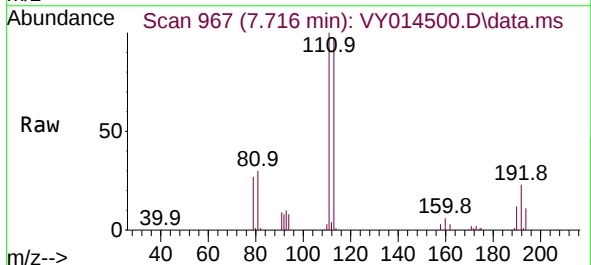
Instrument :
MSVOA_Y
ClientSampleId :
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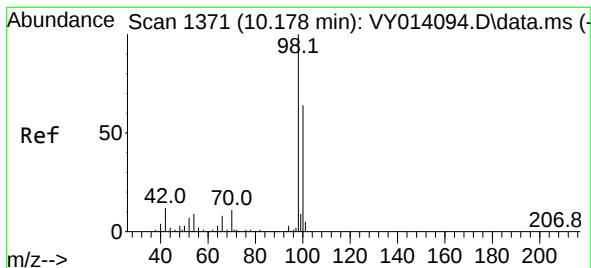
Tgt Ion:114	Resp:	263090
Ion	Ratio	Lower Upper
114	100	
63	17.5	0.0 42.4
88	14.9	0.0 30.6



#35
Dibromofluoromethane
Concen: 50.540 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014500.D
Acq: 29 Jun 2023 16:50

Tgt Ion:113	Resp:	82149
Ion	Ratio	Lower Upper
113	100	
111	103.9	81.3 121.9
192	24.3	16.9 25.3





#50

Toluene-d8

Concen: 48.379 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY014500.D

Acq: 29 Jun 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

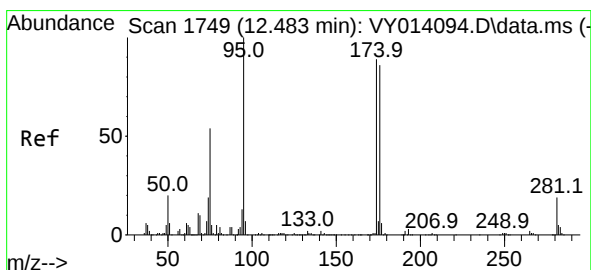
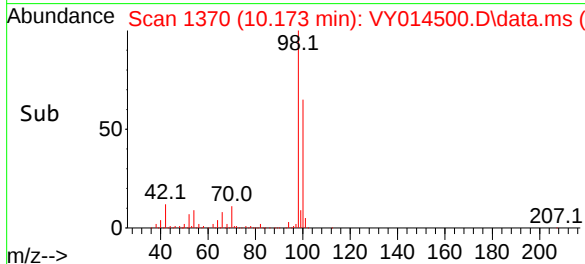
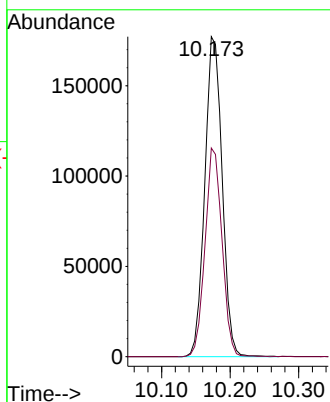
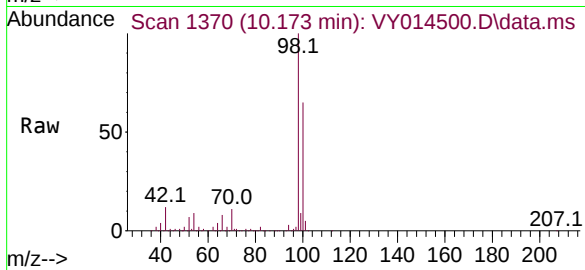
CMC-EME-TOPSOIL-011

Tgt Ion: 98 Resp: 312592

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.930 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014500.D

Acq: 29 Jun 2023 16:50

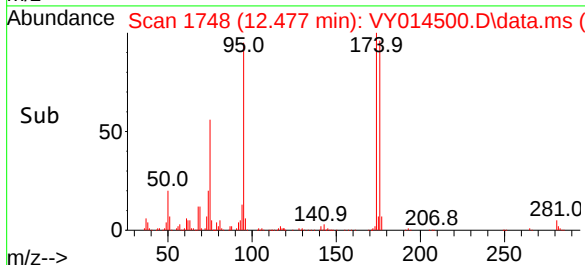
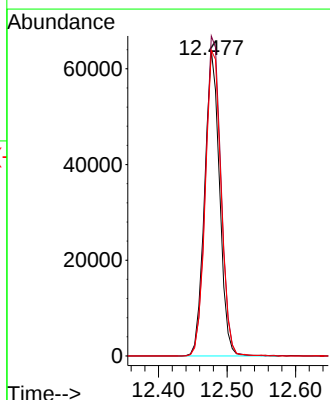
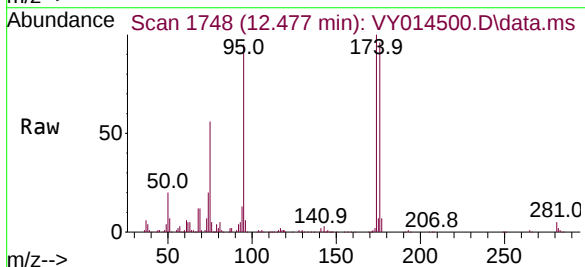
Tgt Ion: 95 Resp: 96719

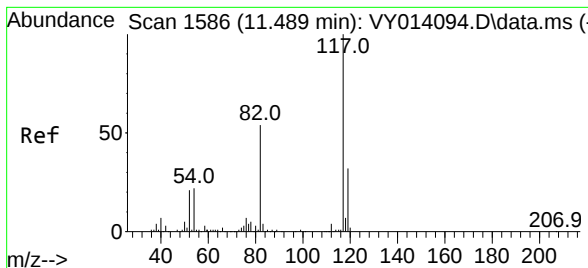
Ion Ratio Lower Upper

95 100

174 109.6 0.0 178.2

176 105.2 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: VY014500.D

Acq: 29 Jun 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-011

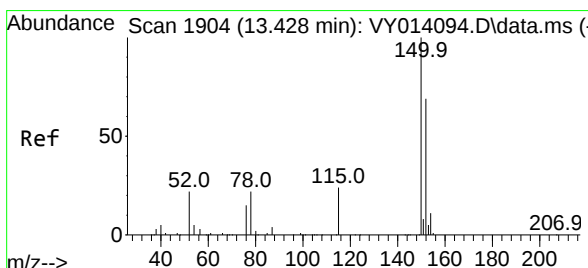
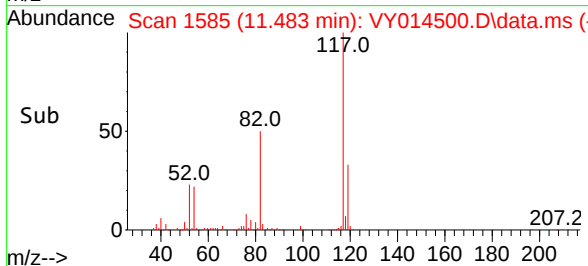
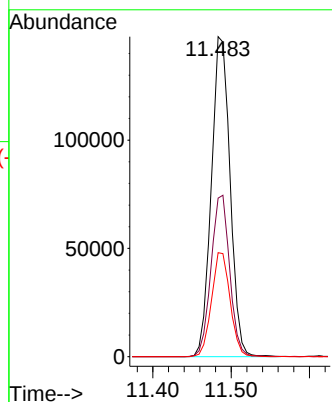
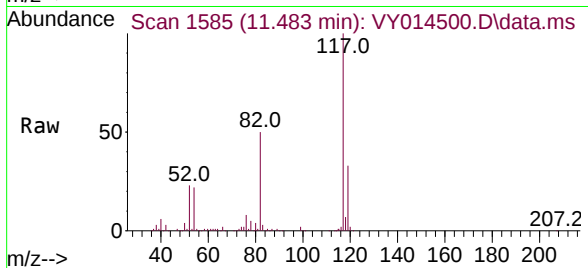
Tgt Ion:117 Resp: 245276

Ion Ratio Lower Upper

117 100

82 49.6 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014500.D

Acq: 29 Jun 2023 16:50

Tgt Ion:152 Resp: 116807

Ion Ratio Lower Upper

152 100

115 54.1 28.8 86.5

150 156.7 0.0 348.8

