

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014143.D
 Acq On : 13 Jun 2023 16:39
 Operator : KP/MD
 Sample : 03154-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26598

Quant Time: Jun 14 01:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	156322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	321555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113299	52.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.100%
35) Dibromofluoromethane	7.710	113	79560	40.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.173	98	369576	50.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.477	95	154054	58.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.720%

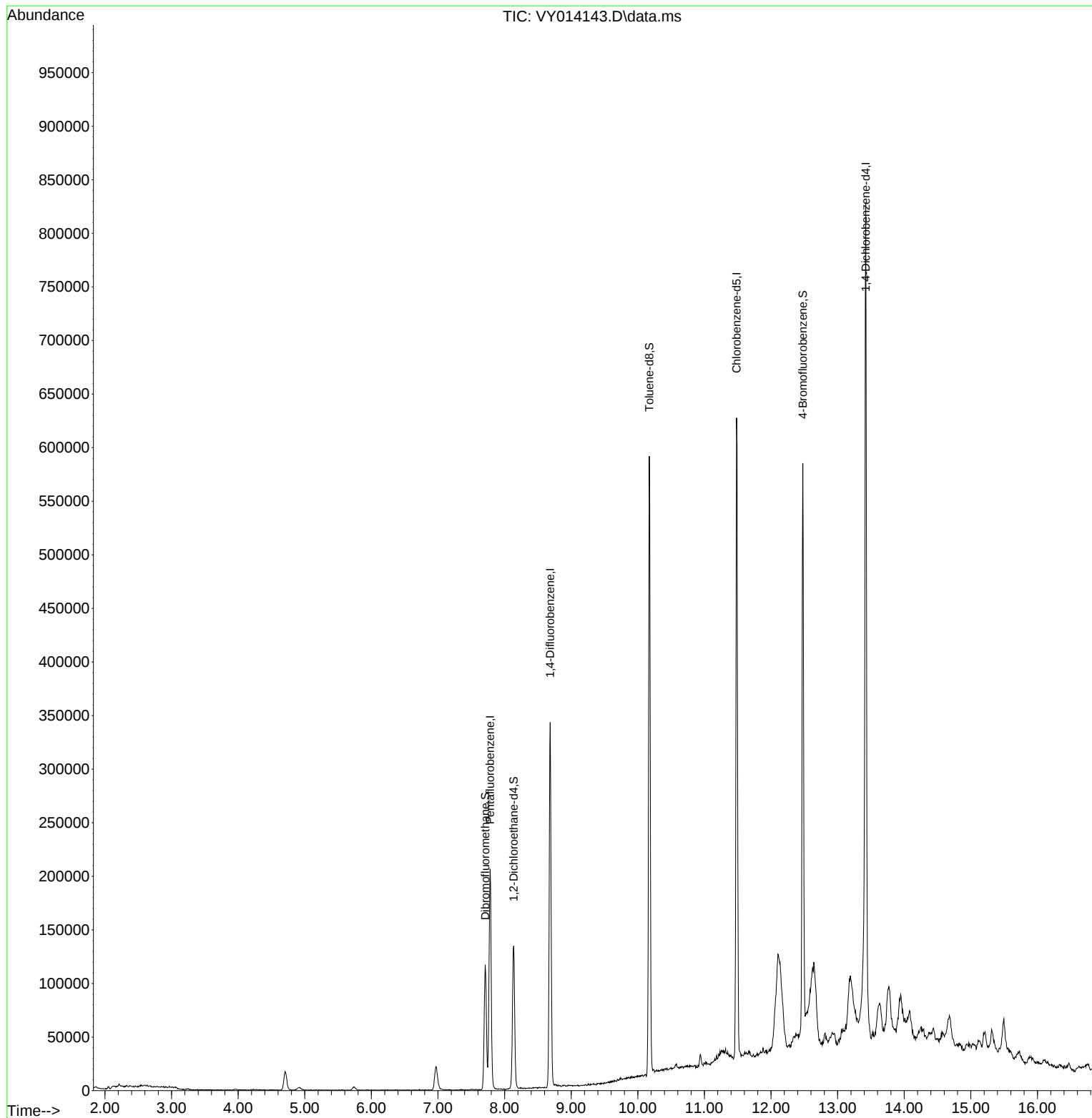
Target Compounds	Qvalue

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

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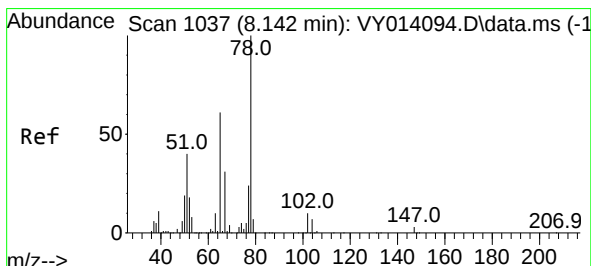
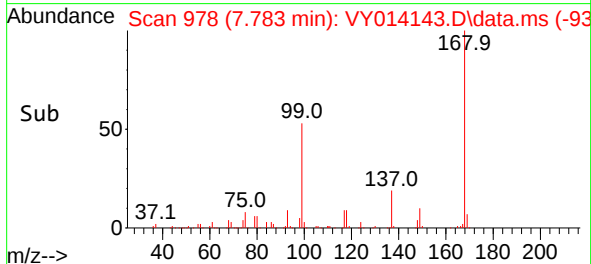
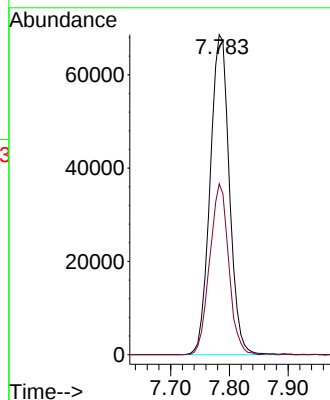
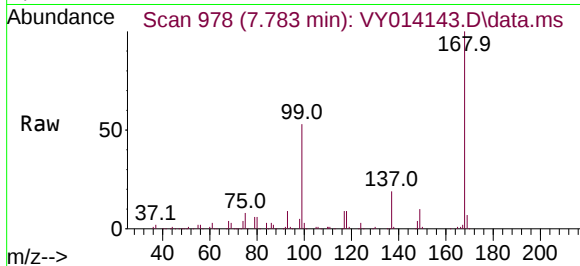




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014143.D
Acq: 13 Jun 2023 16:39

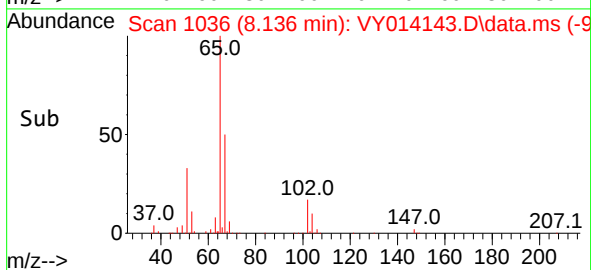
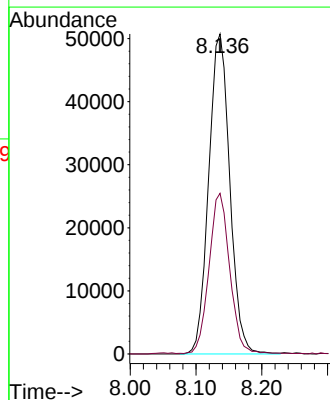
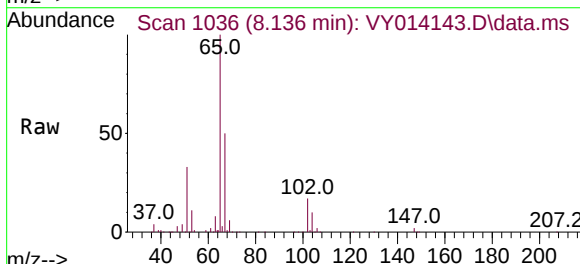
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26598

Tgt Ion:168 Resp: 156322
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.048 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014143.D
Acq: 13 Jun 2023 16:39

Tgt Ion: 65 Resp: 113299
Ion Ratio Lower Upper
65 100
67 49.0 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: VY014143.D

Acq: 13 Jun 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26598

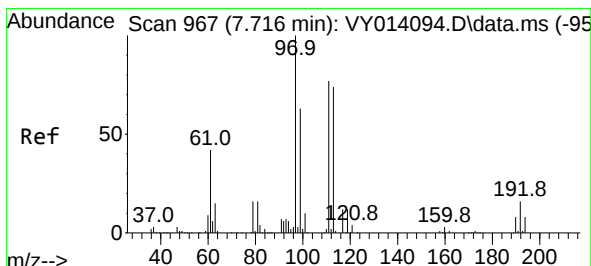
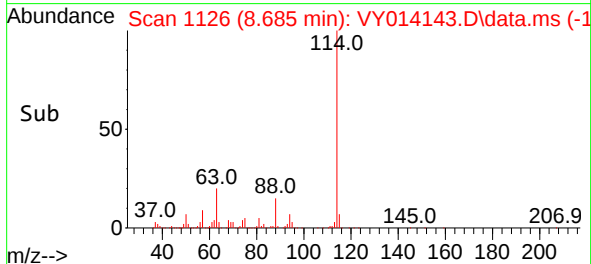
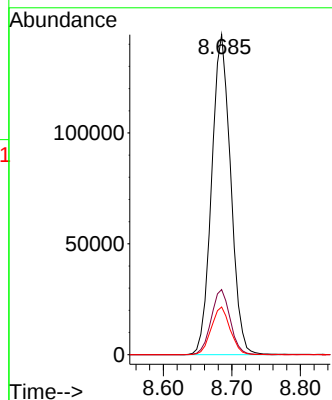
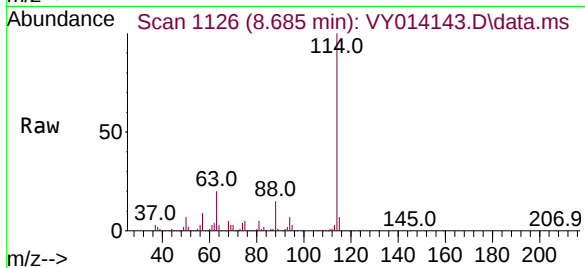
Tgt Ion:114 Resp: 277879

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 40.372 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014143.D

Acq: 13 Jun 2023 16:39

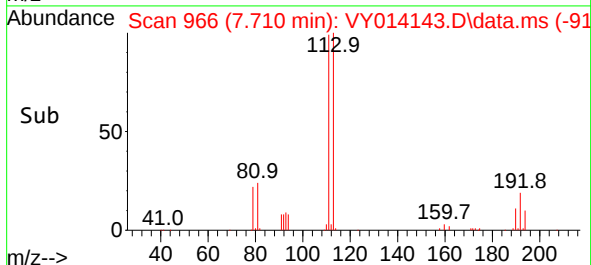
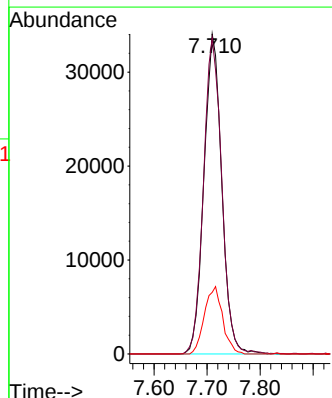
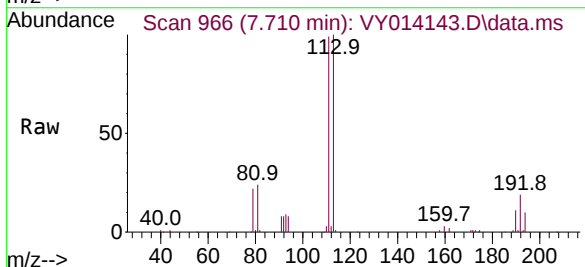
Tgt Ion:113 Resp: 79560

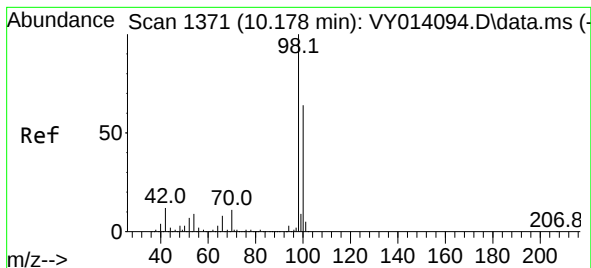
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 21.5 16.9 25.3





#50

Toluene-d8

Concen: 50.163 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY014143.D

Acq: 13 Jun 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

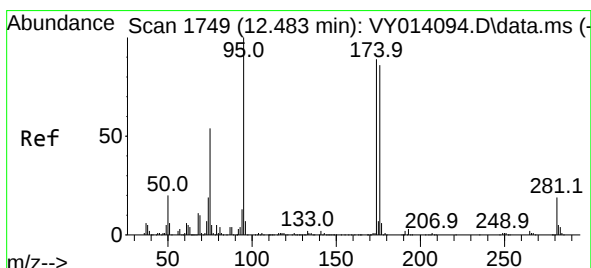
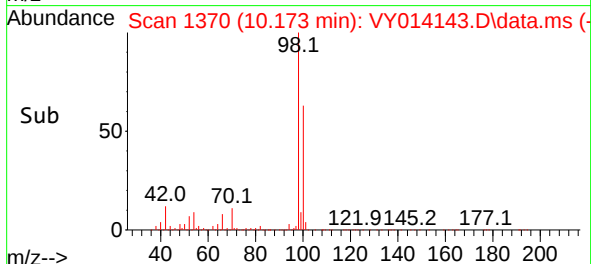
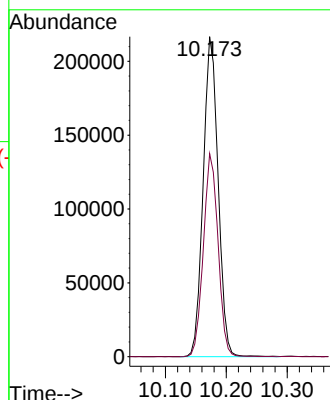
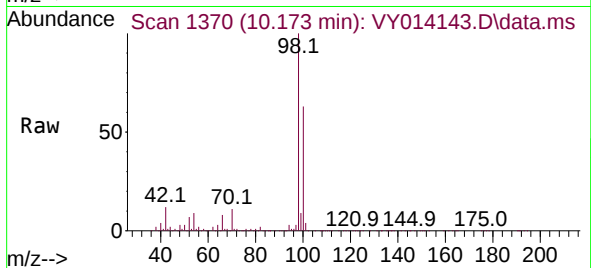
CHRT-26598

Tgt Ion: 98 Resp: 369576

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 58.863 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014143.D

Acq: 13 Jun 2023 16:39

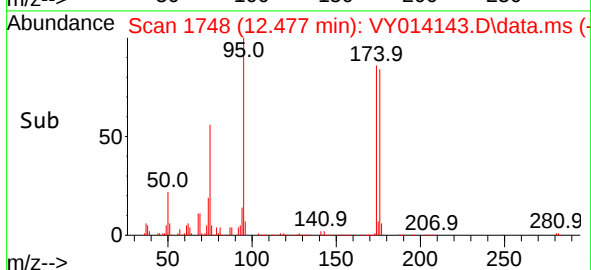
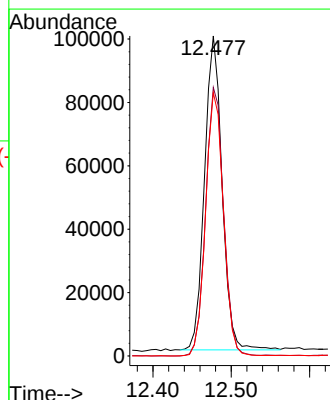
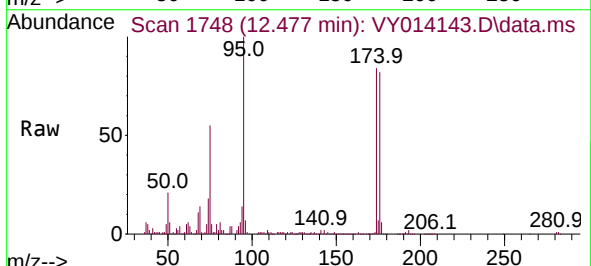
Tgt Ion: 95 Resp: 154054

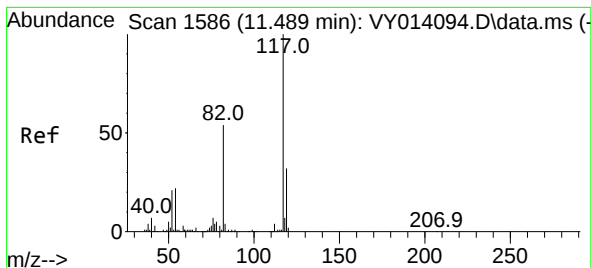
Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 85.3 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: VY014143.D

Acq: 13 Jun 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26598

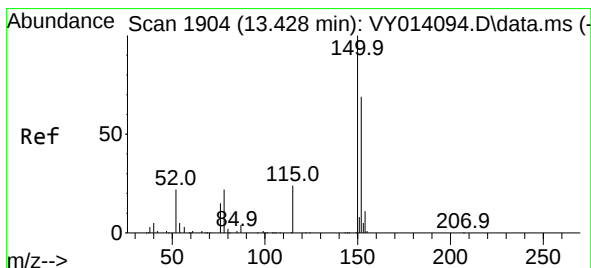
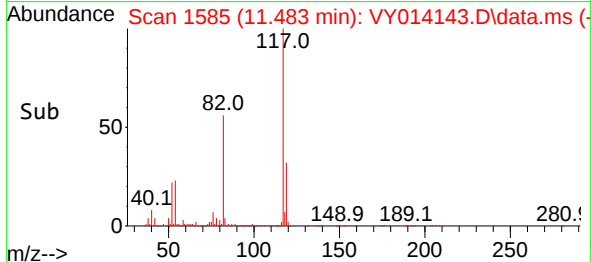
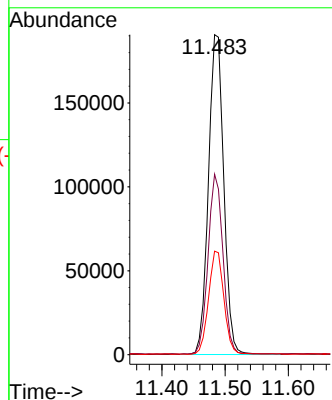
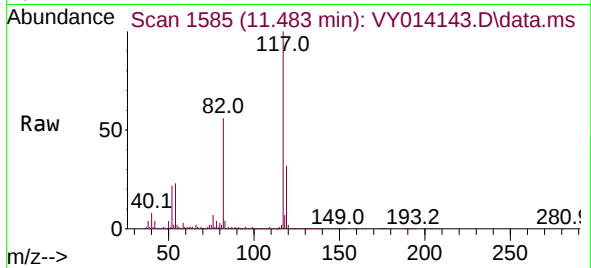
Tgt Ion:117 Resp: 321555

Ion Ratio Lower Upper

117 100

82 56.3 43.4 65.0

119 32.2 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: VY014143.D

Acq: 13 Jun 2023 16:39

Tgt Ion:152 Resp: 170392

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 152.6 0.0 348.8

