

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014554.D
 Acq On : 05 Jul 2023 13:30
 Operator : KP/MD
 Sample : VY0703SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBL01

Quant Time: Jul 05 14:54:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	252535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	395091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	148506	59.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.220%
35) Dibromofluoromethane	7.710	113	134434	53.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.179	98	491823	49.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.477	95	161266	46.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.460%

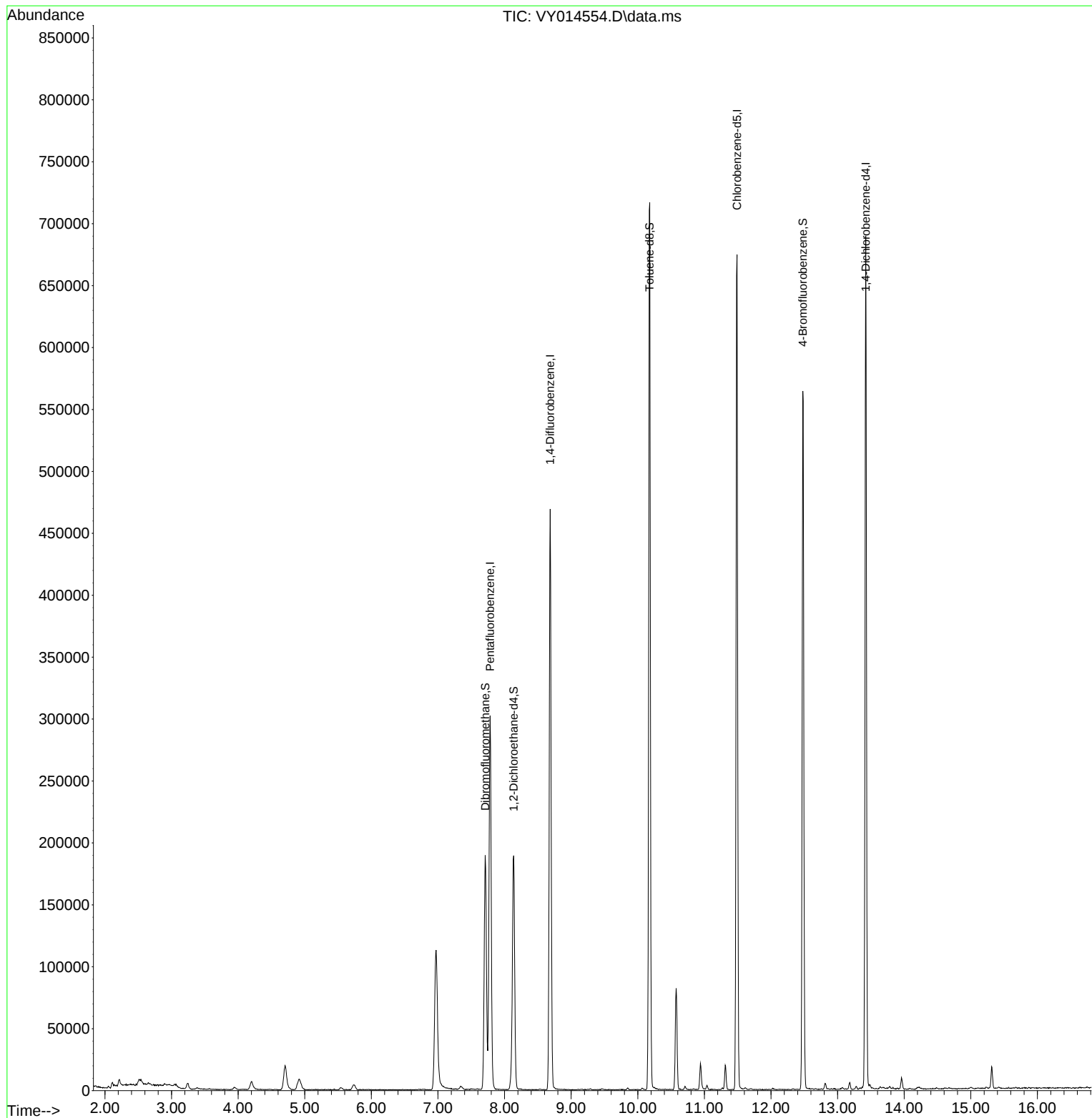
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
Data File : VY014554.D
Acq On : 05 Jul 2023 13:30
Operator : KP/MD
Sample : VY0703SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

Quant Time: Jul 05 14:54:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

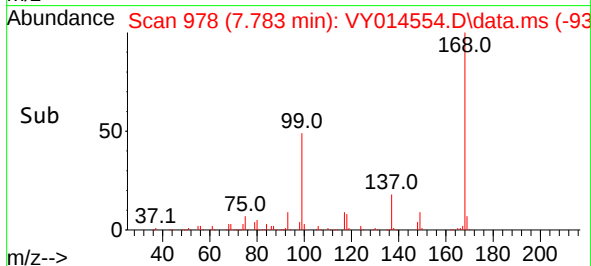
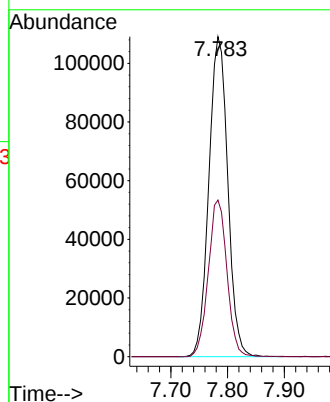
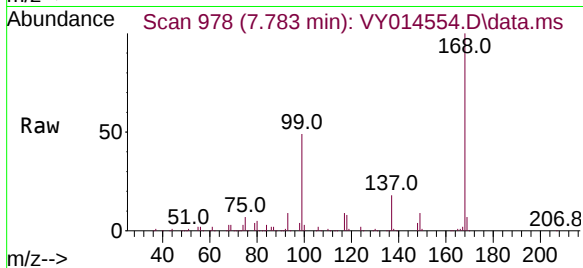




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014554.D
Acq: 05 Jul 2023 13:30

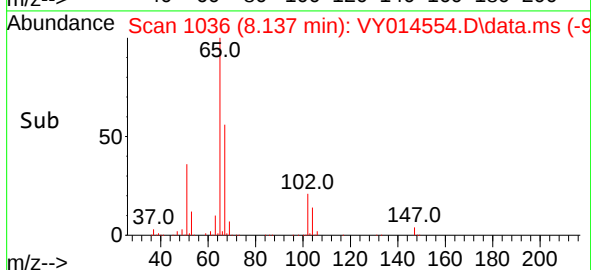
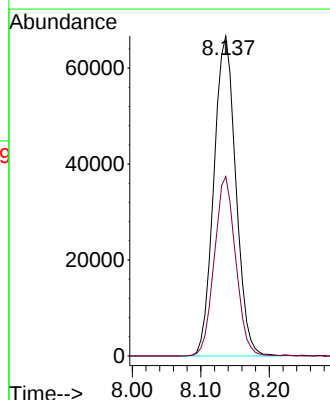
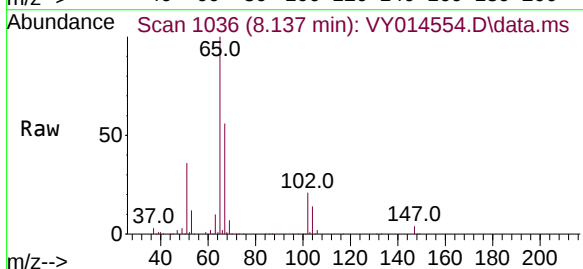
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

Tgt Ion:168 Resp: 252535
Ion Ratio Lower Upper
168 100
99 48.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.114 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014554.D
Acq: 05 Jul 2023 13:30

Tgt Ion: 65 Resp: 148506
Ion Ratio Lower Upper
65 100
67 54.4 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: VY014554.D

Acq: 05 Jul 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBL01

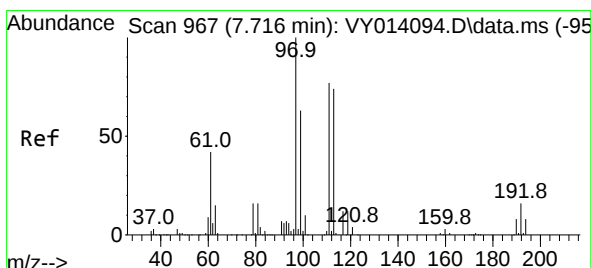
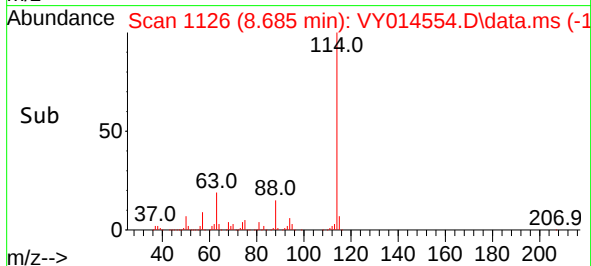
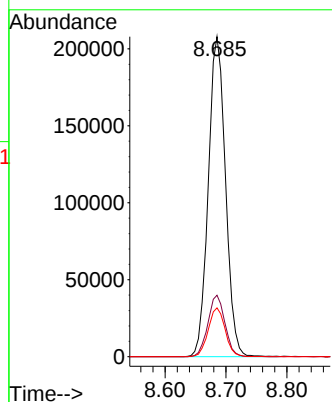
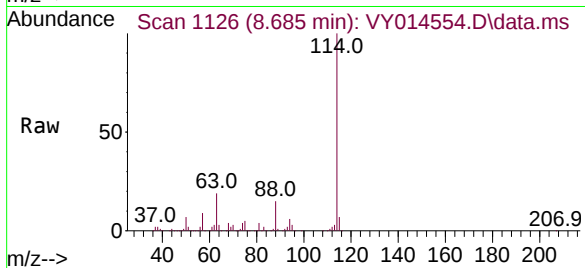
Tgt Ion:114 Resp: 408273

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.470 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014554.D

Acq: 05 Jul 2023 13:30

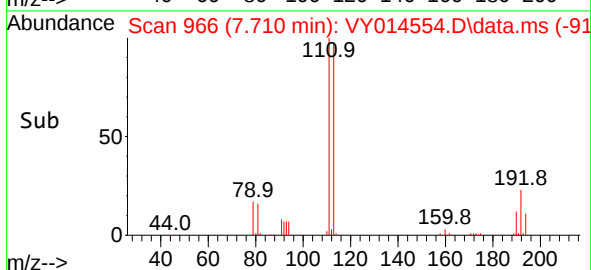
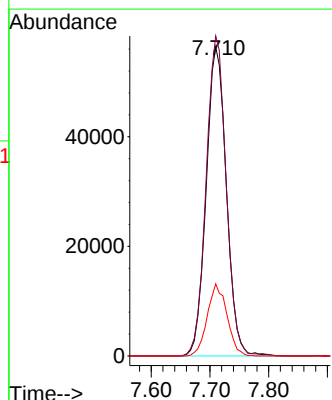
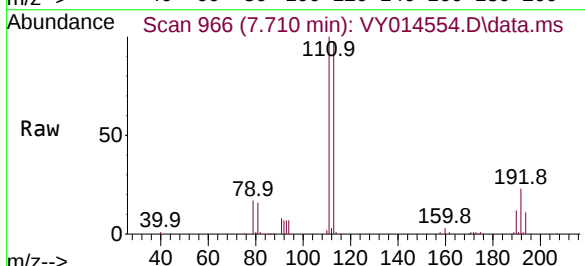
Tgt Ion:113 Resp: 134434

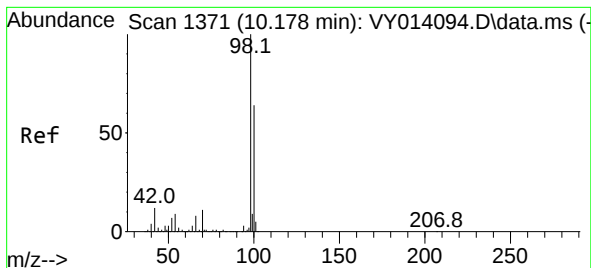
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 22.8 16.9 25.3

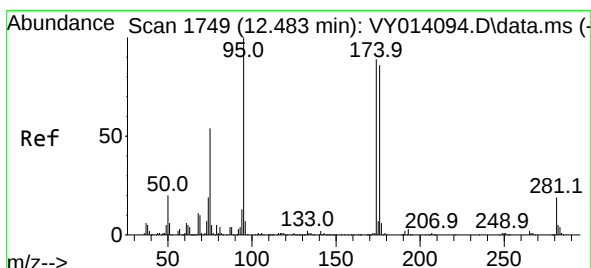
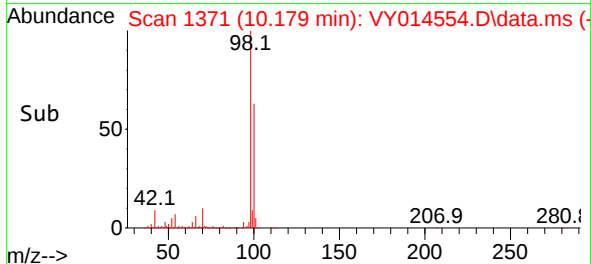
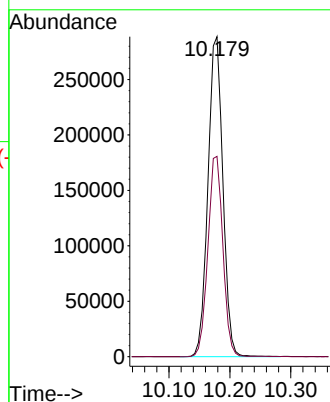
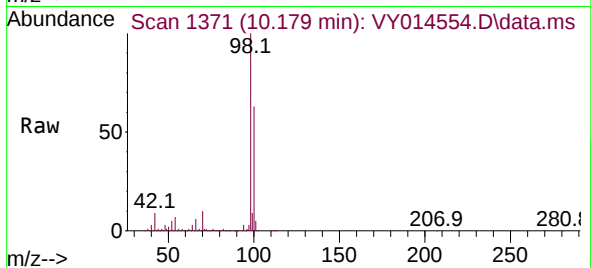




#50
Toluene-d8
Concen: 49.485 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014554.D
Acq: 05 Jul 2023 13:30

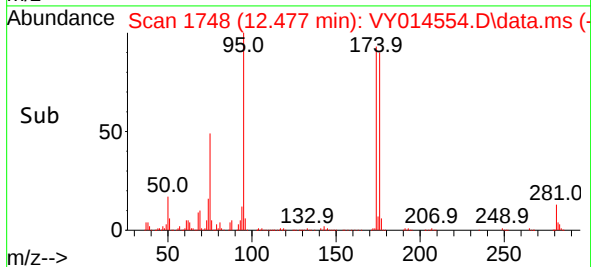
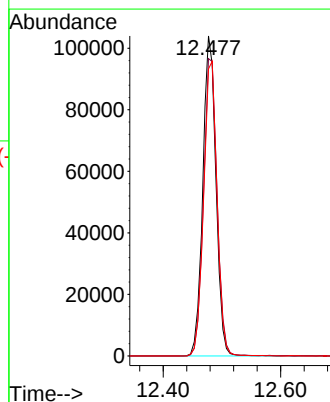
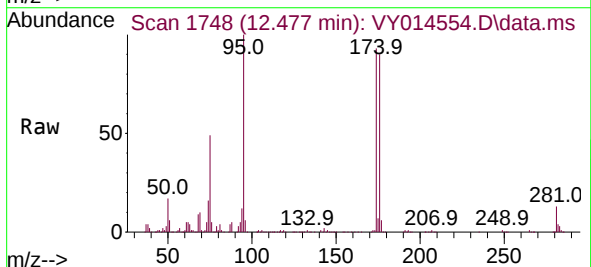
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

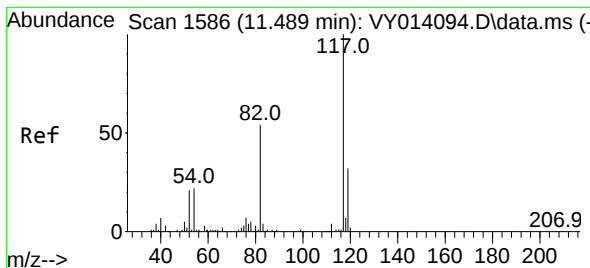
Tgt Ion: 98 Resp: 491823
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.728 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014554.D
Acq: 05 Jul 2023 13:30

Tgt Ion: 95 Resp: 161266
Ion Ratio Lower Upper
95 100
174 96.0 0.0 178.2
176 94.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014554.D

Acq: 05 Jul 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBL01

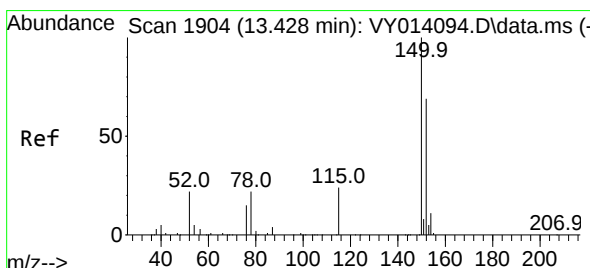
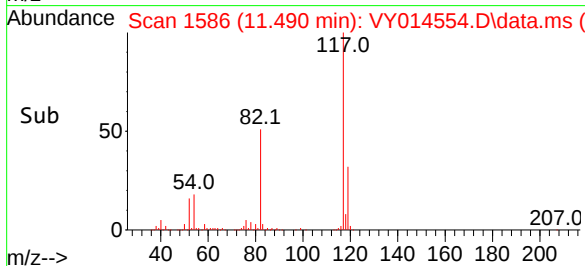
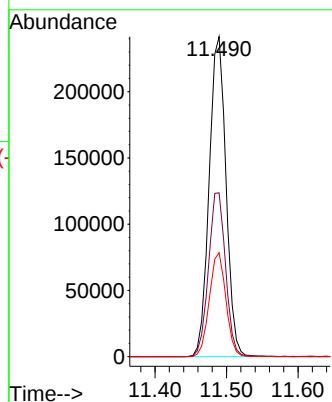
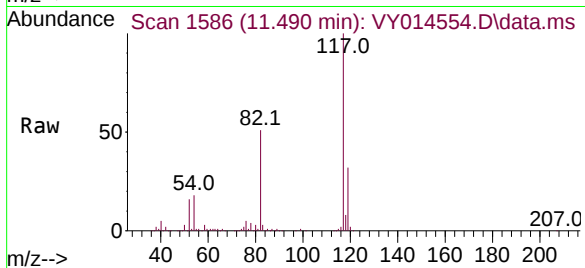
Tgt Ion:117 Resp: 395091

Ion Ratio Lower Upper

117 100

82 51.2 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: VY014554.D

Acq: 05 Jul 2023 13:30

Tgt Ion:152 Resp: 185837

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 156.0 0.0 348.8

