

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019221.D
 Acq On : 22 Aug 2024 15:32
 Operator : SY/MD
 Sample : P3641-08
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-910-K1-0-0.5-081524-FD

Quant Time: Aug 23 03:03:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	113577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	172932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	141428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	40948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	47384	41.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.240%
35) Dibromofluoromethane	7.628	113	55748	49.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.103	98	171509	42.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.300%
62) 4-Bromofluorobenzene	12.408	95	46285	33.367	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.740%

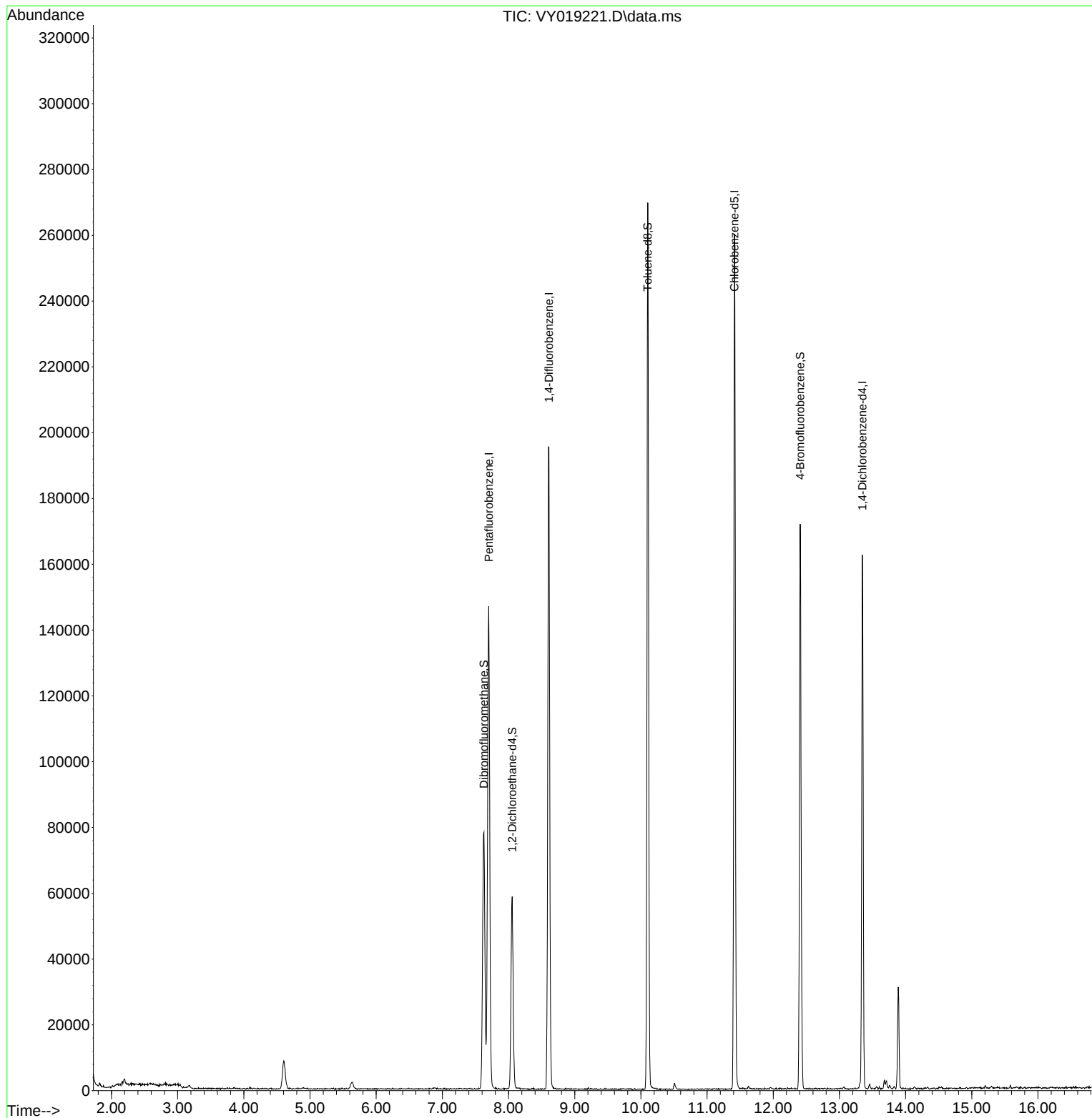
Target Compounds	Qvalue

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

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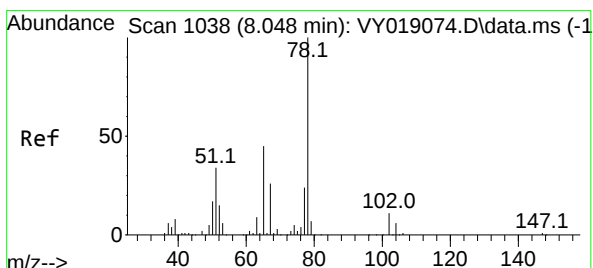
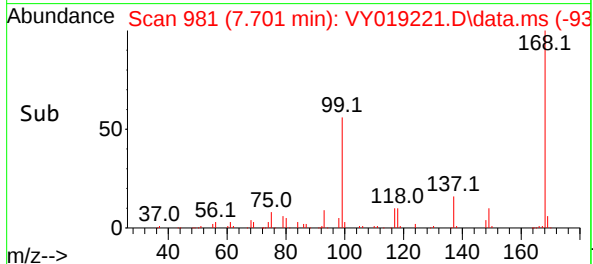
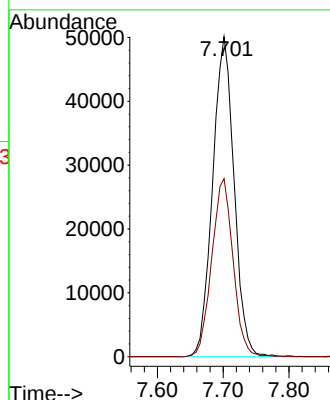
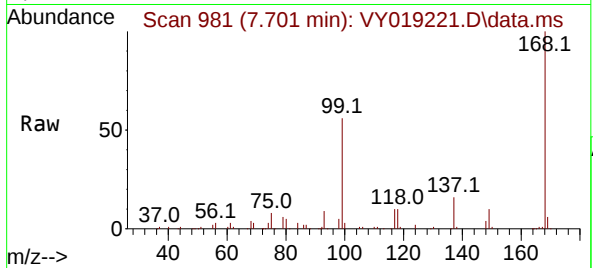




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019221.D
Acq: 22 Aug 2024 15:32

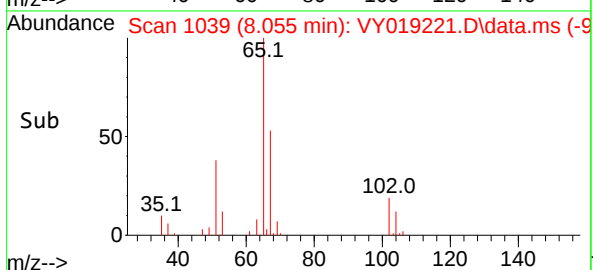
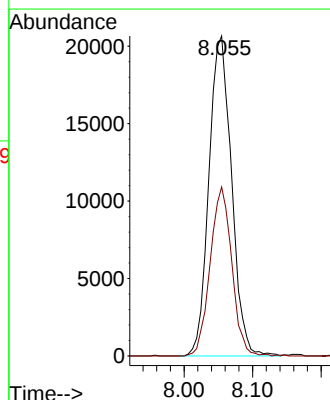
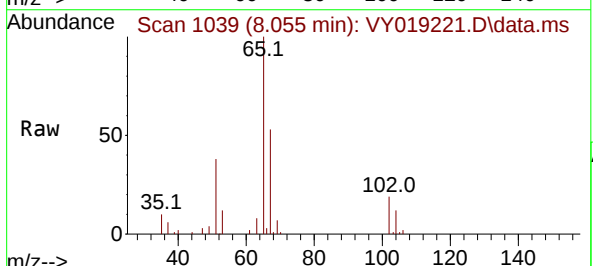
Instrument :
MSVOA_Y
ClientSampleId :
S-910-K1-0-0.5-081524-FD

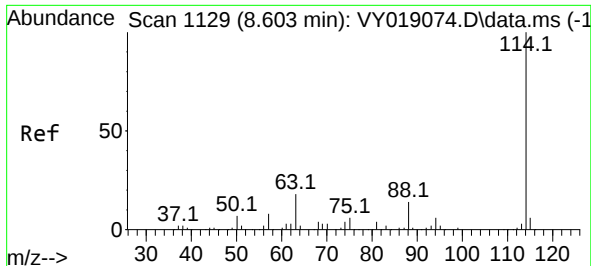
Tgt Ion:168 Resp: 113577
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.619 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019221.D
Acq: 22 Aug 2024 15:32

Tgt Ion: 65 Resp: 47384
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019221.D

Acq: 22 Aug 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

S-910-K1-0-0.5-081524-FD

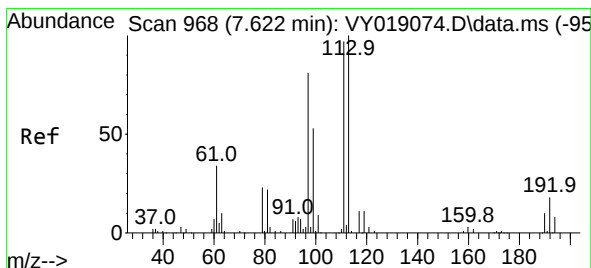
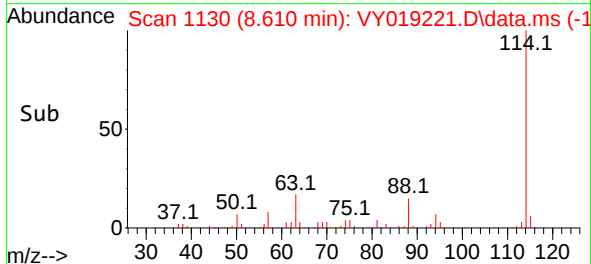
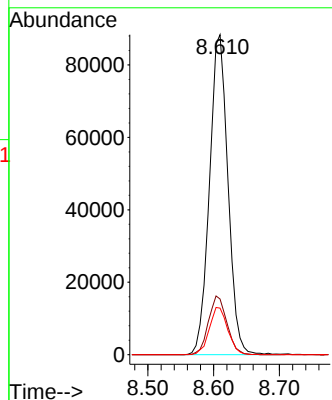
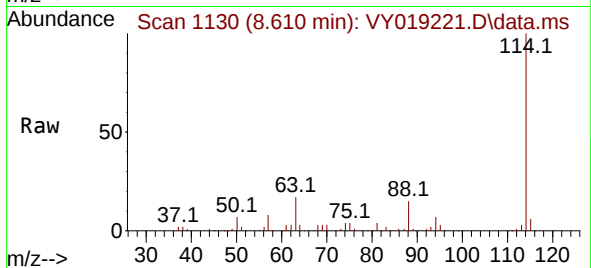
Tgt Ion:114 Resp: 172932

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.303 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019221.D

Acq: 22 Aug 2024 15:32

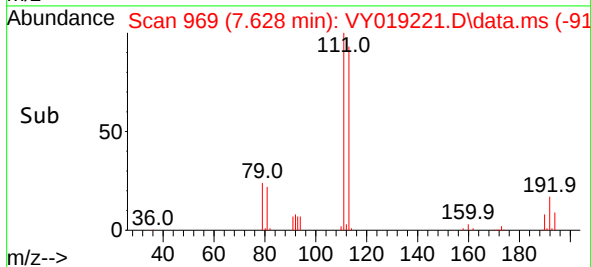
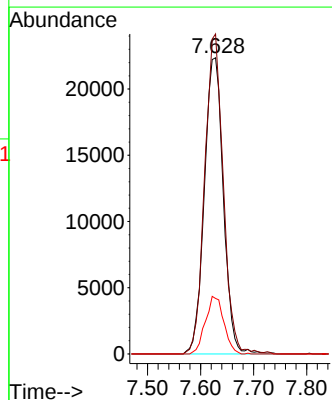
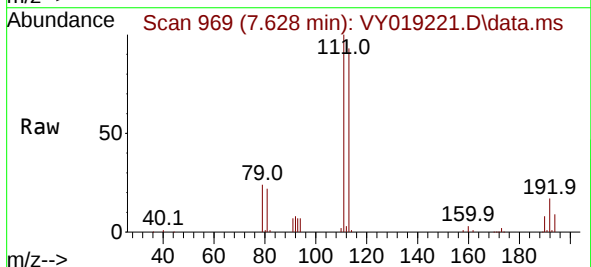
Tgt Ion:113 Resp: 55748

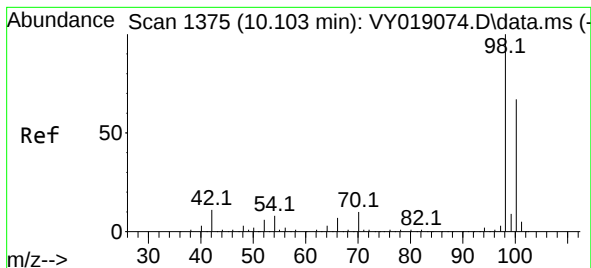
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 18.8 15.9 23.9





#50

Toluene-d8

Concen: 42.149 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019221.D

Acq: 22 Aug 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

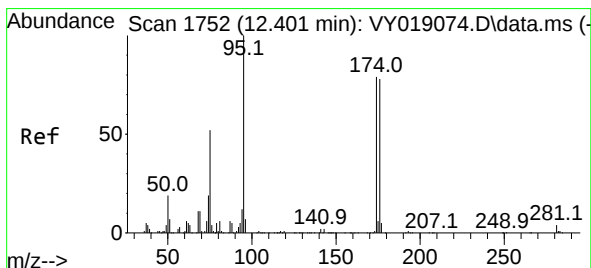
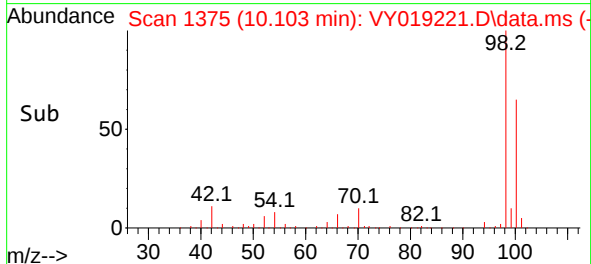
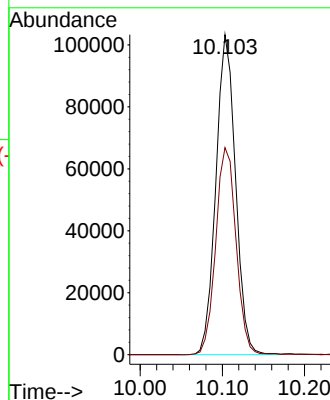
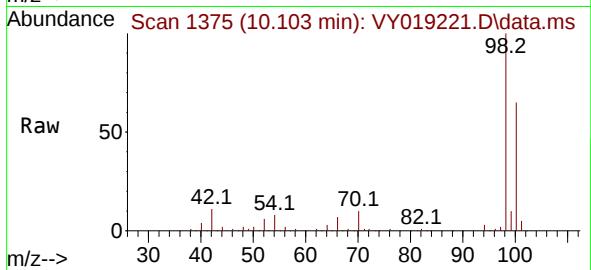
S-910-K1-0-0.5-081524-FD

Tgt Ion: 98 Resp: 171509

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 33.367 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019221.D

Acq: 22 Aug 2024 15:32

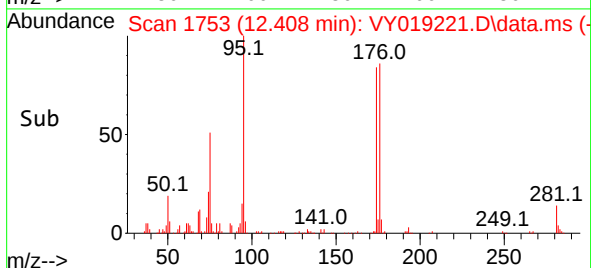
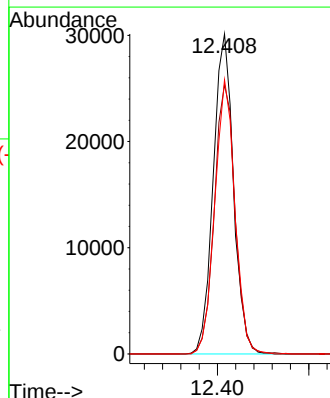
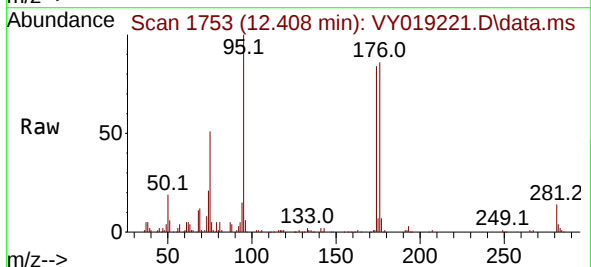
Tgt Ion: 95 Resp: 46285

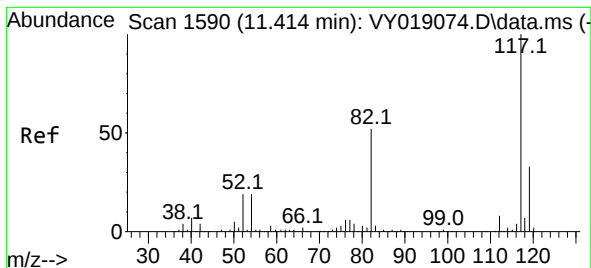
Ion Ratio Lower Upper

95 100

174 86.3 0.0 175.6

176 85.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019221.D

Acq: 22 Aug 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

S-910-K1-0-0.5-081524-FD

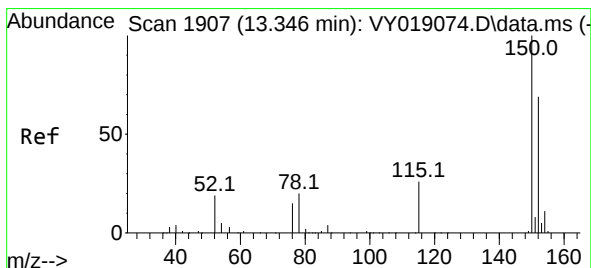
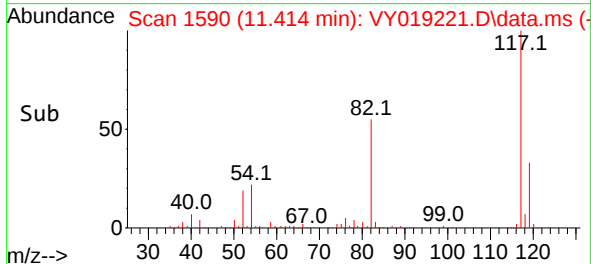
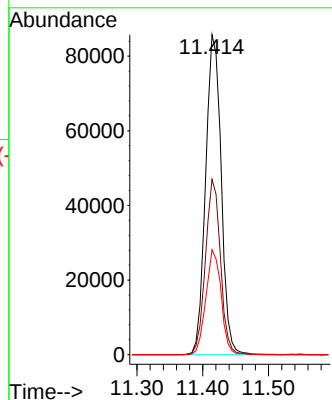
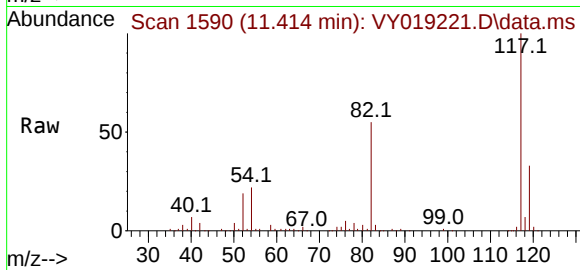
Tgt Ion:117 Resp: 141428

Ion Ratio Lower Upper

117 100

82 54.8 42.4 63.6

119 32.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019221.D

Acq: 22 Aug 2024 15:32

Tgt Ion:152 Resp: 40948

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 154.3 0.0 345.6

