

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019141.D
 Acq On : 20 Aug 2024 11:10
 Operator : SY/MD
 Sample : VY0820SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0820SBL01

Quant Time: Aug 20 13:22:59 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	115554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	202732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	177241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	66092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	55032	47.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.020%
35) Dibromofluoromethane	7.622	113	62300	46.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.103	98	224361	47.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.060%
62) 4-Bromofluorobenzene	12.407	95	67952	41.786	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.580%

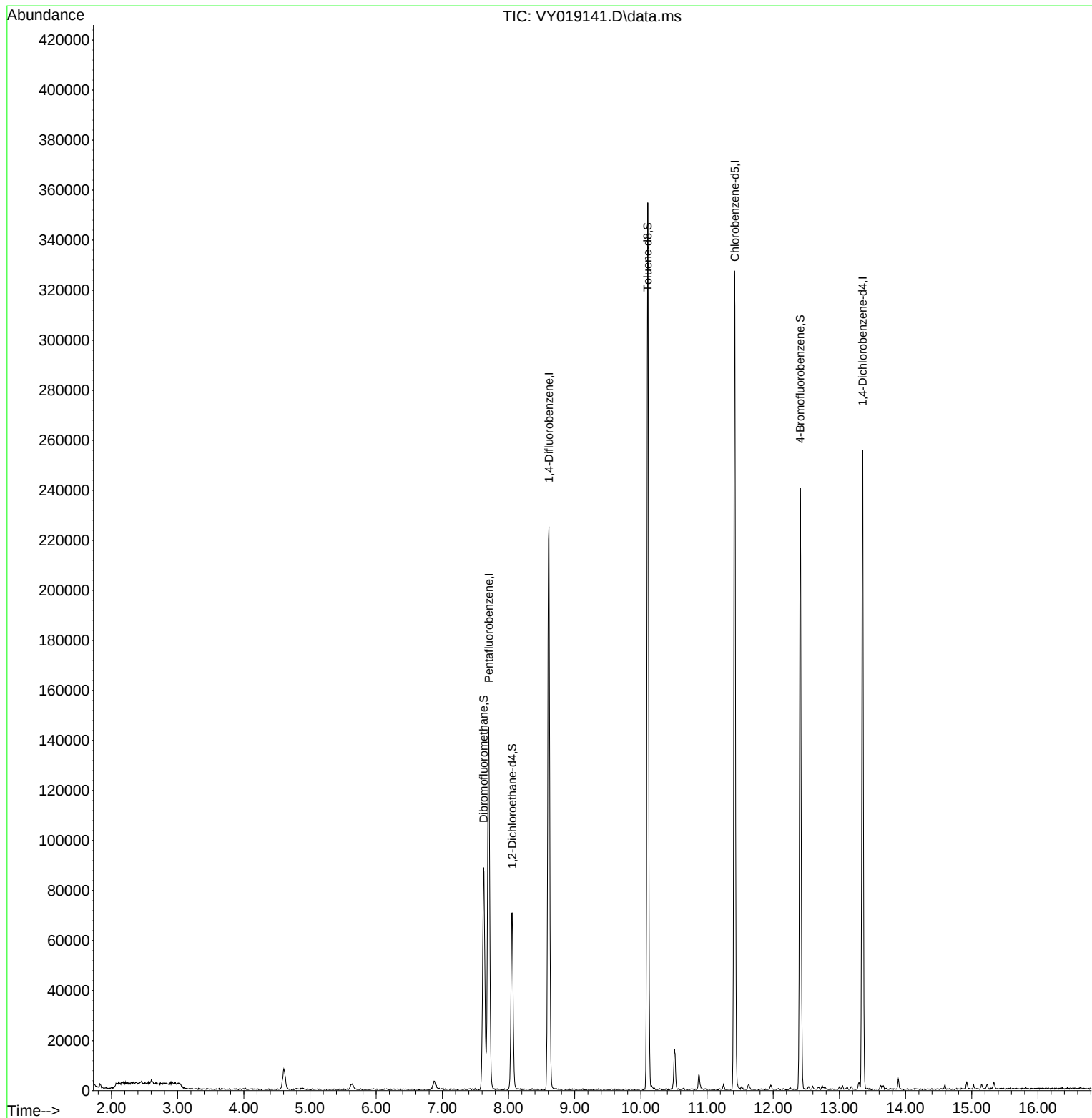
Target Compounds	Qvalue

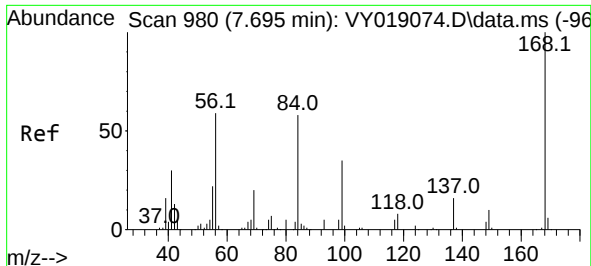
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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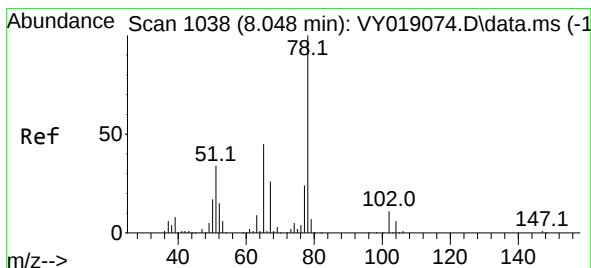
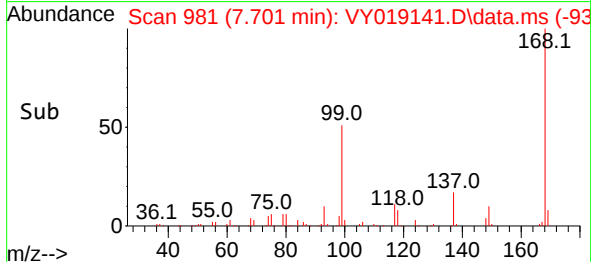
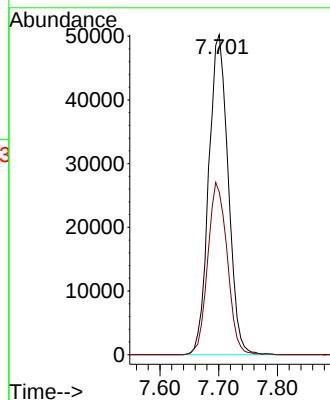
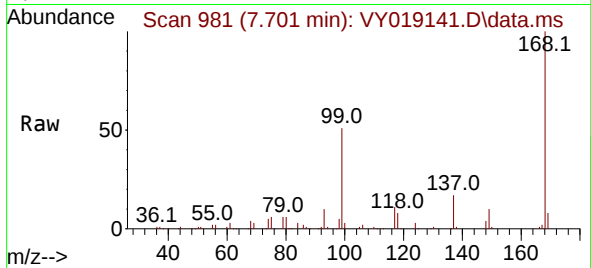




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019141.D
Acq: 20 Aug 2024 11:10

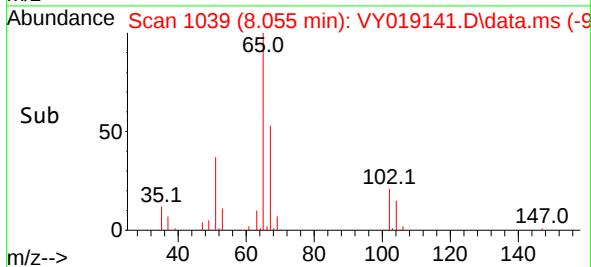
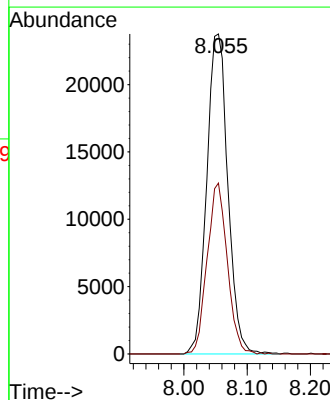
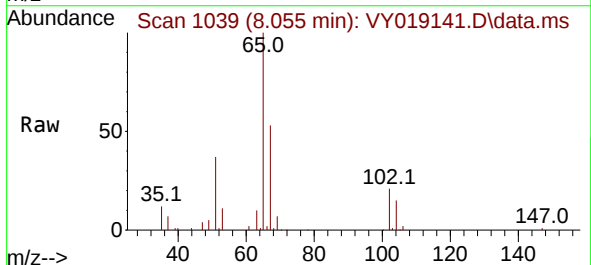
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Tgt Ion:168 Resp: 115554
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.509 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019141.D
Acq: 20 Aug 2024 11:10

Tgt Ion: 65 Resp: 55032
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

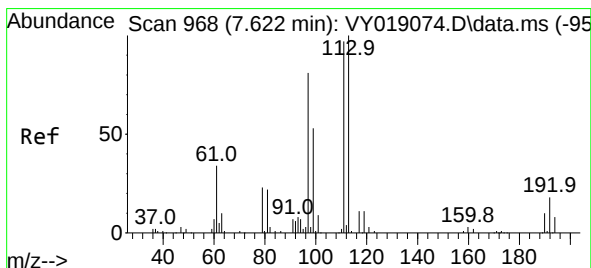
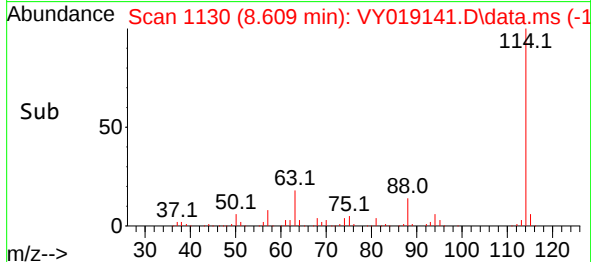
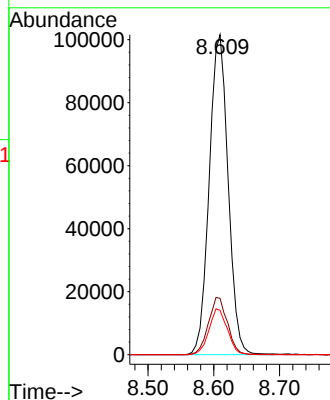
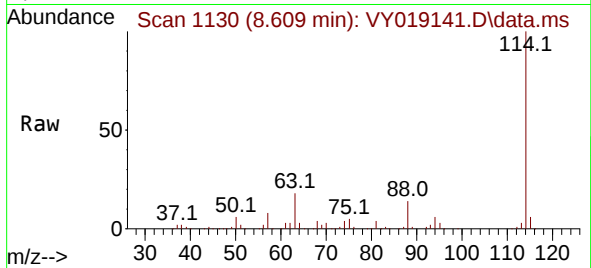




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019141.D
Acq: 20 Aug 2024 11:10

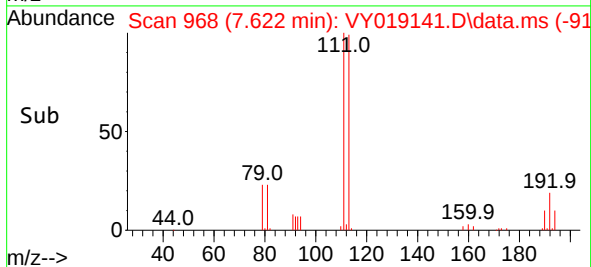
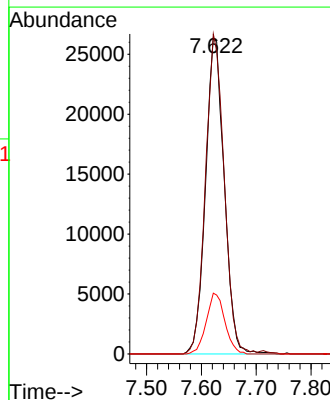
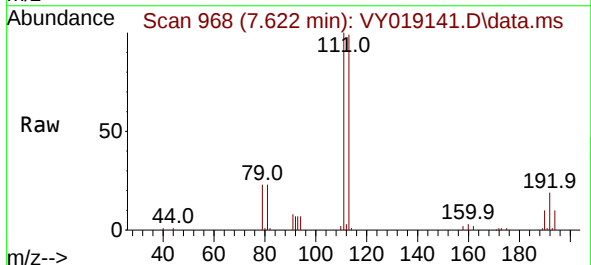
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

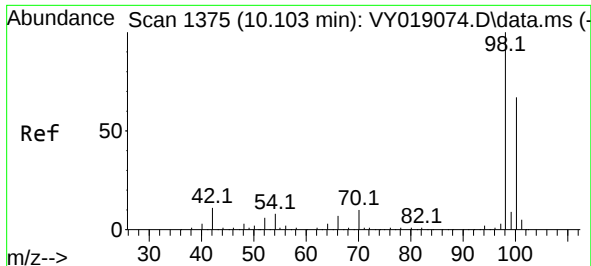
Tgt Ion:114 Resp: 202732
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.998 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019141.D
Acq: 20 Aug 2024 11:10

Tgt Ion:113 Resp: 62300
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 19.2 15.9 23.9

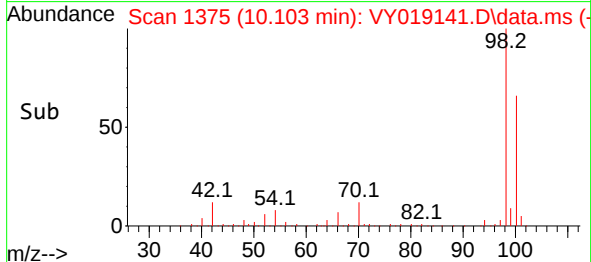
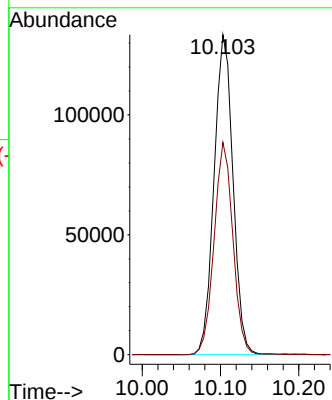
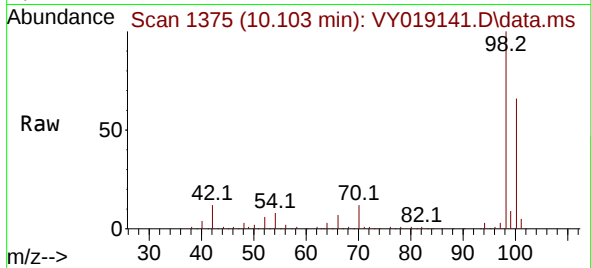




#50
Toluene-d8
Concen: 47.033 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019141.D
Acq: 20 Aug 2024 11:10

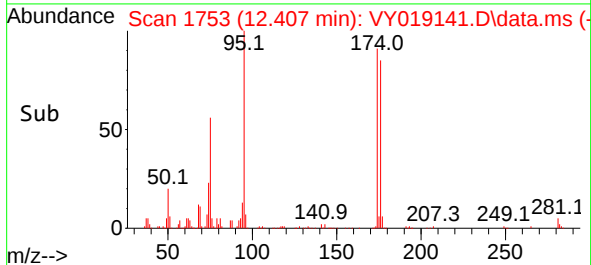
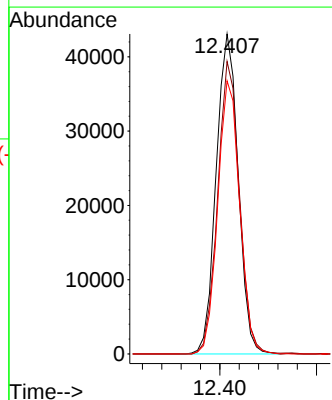
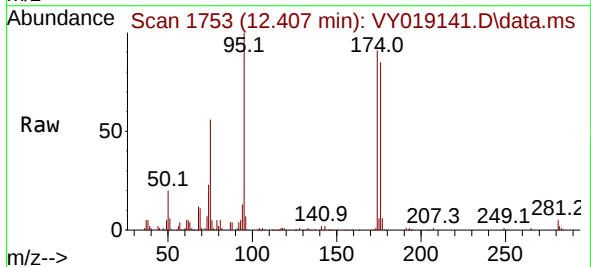
Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

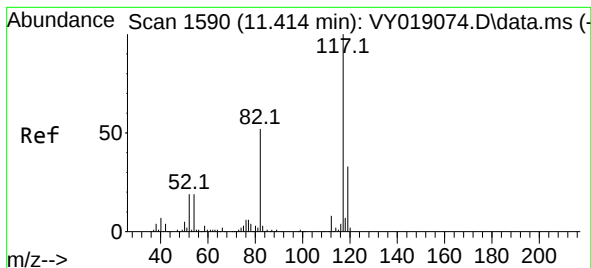
Tgt Ion: 98 Resp: 224361
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.786 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019141.D
Acq: 20 Aug 2024 11:10

Tgt Ion: 95 Resp: 67952
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 85.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019141.D

Acq: 20 Aug 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0820SBL01

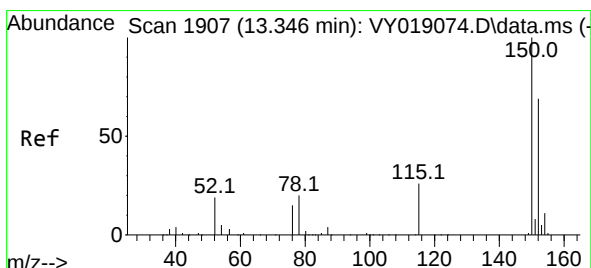
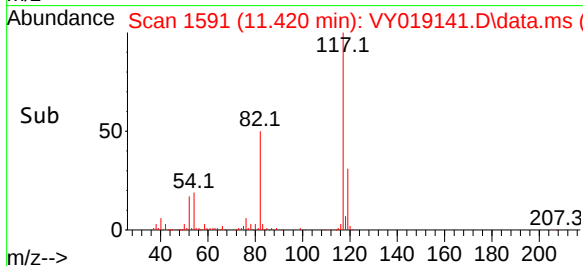
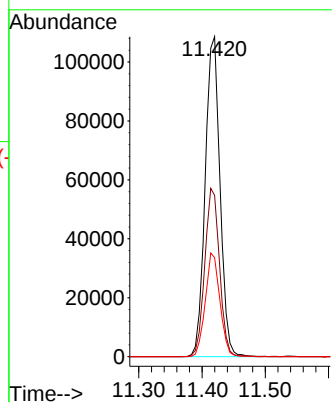
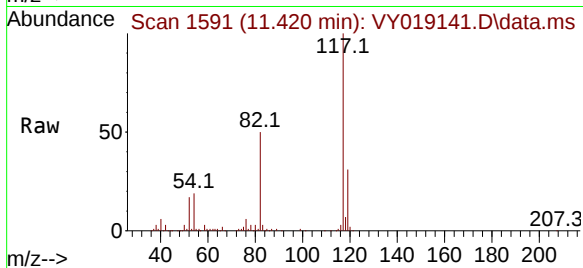
Tgt Ion:117 Resp: 177241

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 30.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019141.D

Acq: 20 Aug 2024 11:10

Tgt Ion:152 Resp: 66092

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 156.5 0.0 345.6

