

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019360.D
 Acq On : 29 Aug 2024 05:53
 Operator : SY/MD
 Sample : P3750-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 346

Quant Time: Aug 29 07:02:23 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	7.707	168	12976	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	19613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	15232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	4007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6733	51.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.520%
35) Dibromofluoromethane	7.616	113	6043	47.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.240%
50) Toluene-d8	10.109	98	20761	44.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.980%
62) 4-Bromofluorobenzene	12.401	95	4495	28.572	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	57.140%

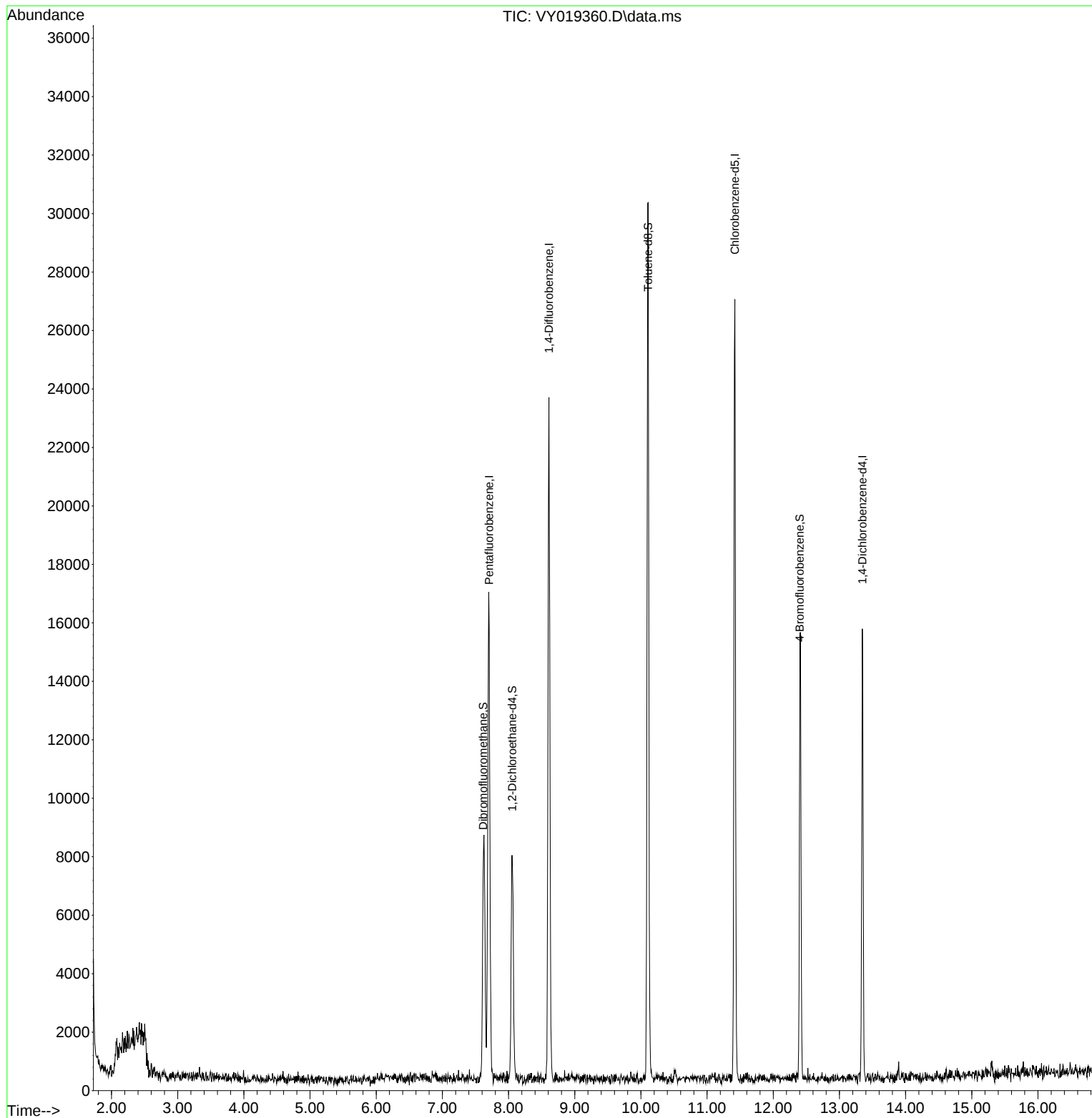
Target Compounds	Qvalue

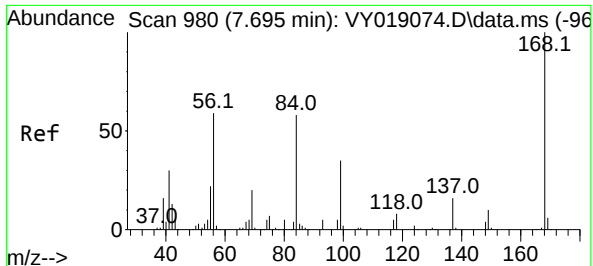
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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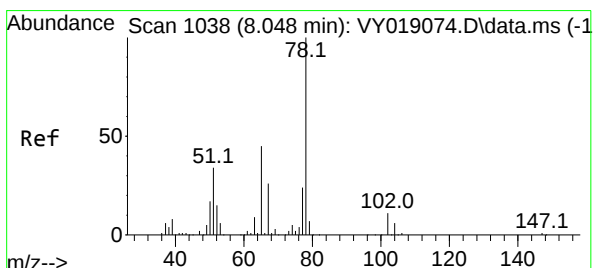
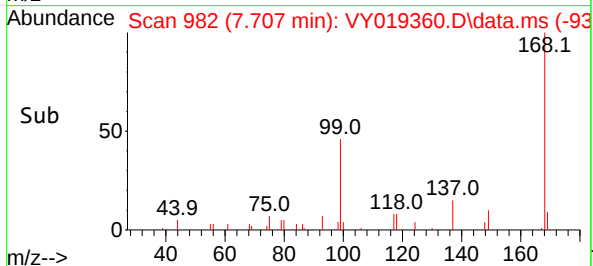
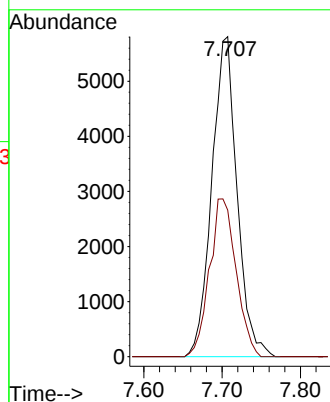
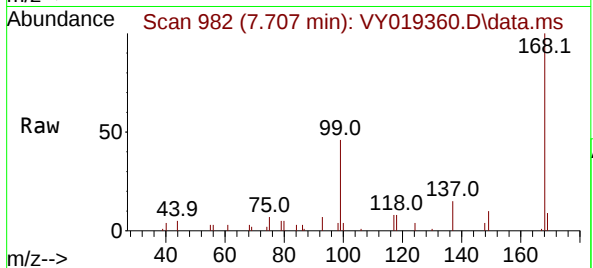




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019360.D
Acq: 29 Aug 2024 05:53

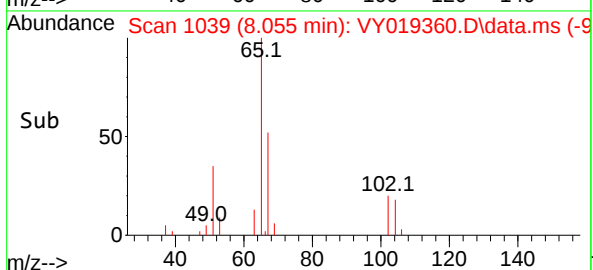
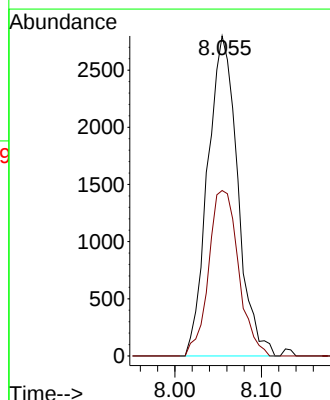
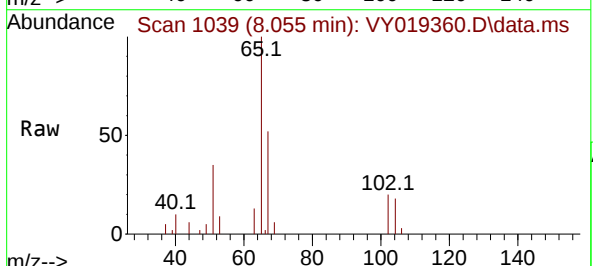
Instrument :
MSVOA_Y
ClientSampleId :
346

Tgt Ion:168 Resp: 12976
Ion Ratio Lower Upper
168 100
99 45.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.763 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019360.D
Acq: 29 Aug 2024 05:53

Tgt Ion: 65 Resp: 6733
Ion Ratio Lower Upper
65 100
67 51.5 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: VY019360.D

Acq: 29 Aug 2024 05:53

Instrument :

MSVOA_Y

ClientSampleId :

346

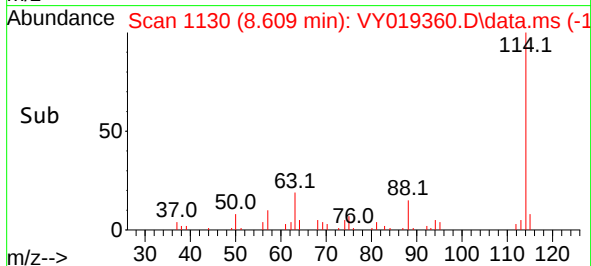
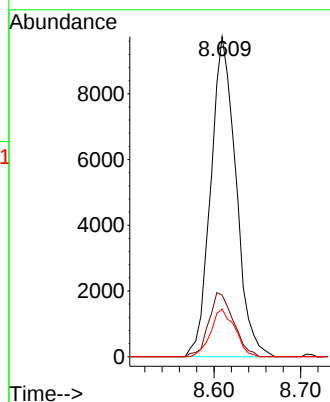
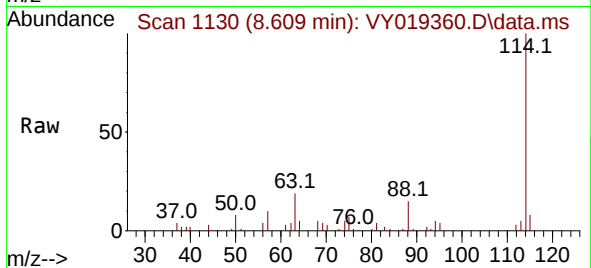
Tgt Ion:114 Resp: 19613

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.122 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019360.D

Acq: 29 Aug 2024 05:53

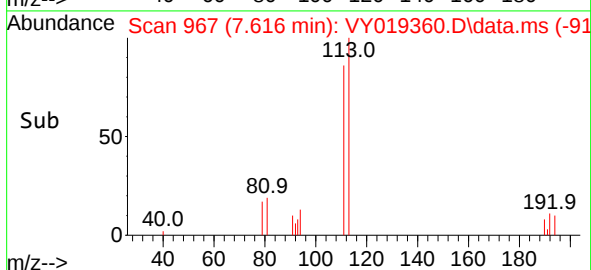
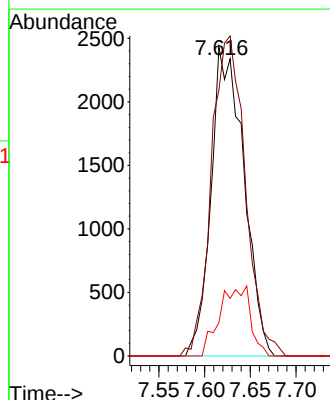
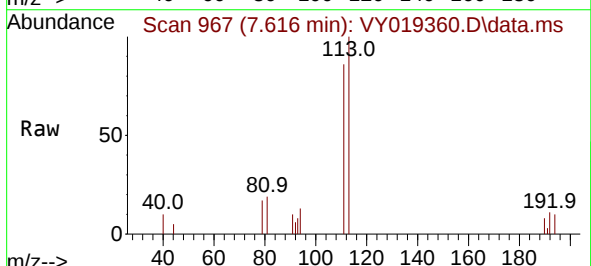
Tgt Ion:113 Resp: 6043

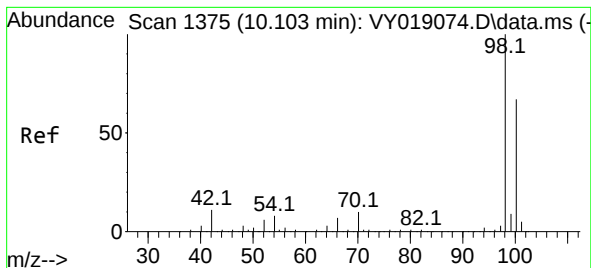
Ion Ratio Lower Upper

113 100

111 107.0 82.2 123.4

192 0.0 15.9 23.9#





#50

Toluene-d8

Concen: 44.986 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019360.D

Acq: 29 Aug 2024 05:53

Instrument :

MSVOA_Y

ClientSampleId :

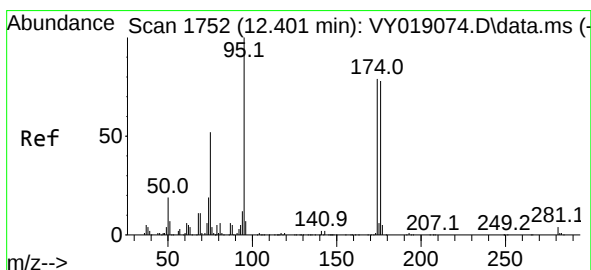
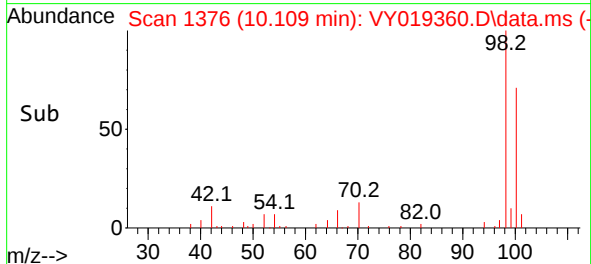
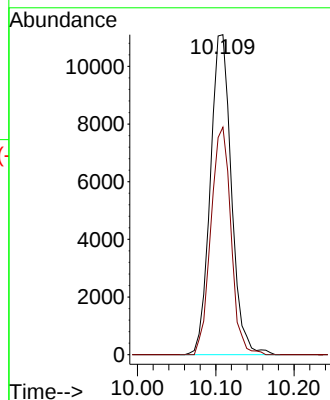
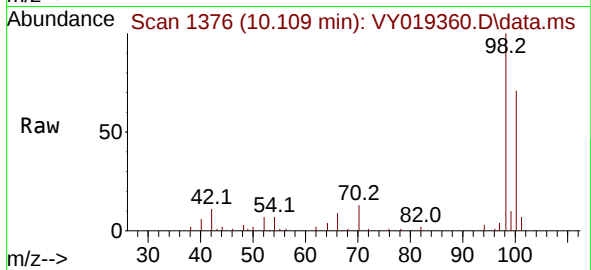
346

Tgt Ion: 98 Resp: 20761

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 28.572 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019360.D

Acq: 29 Aug 2024 05:53

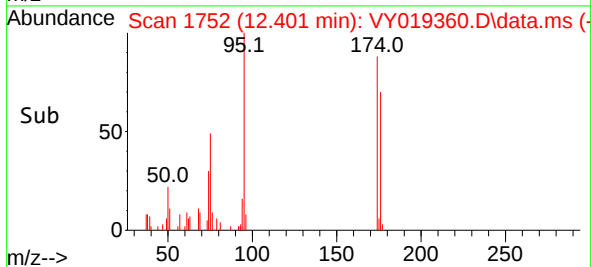
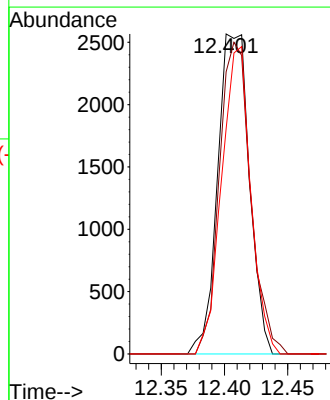
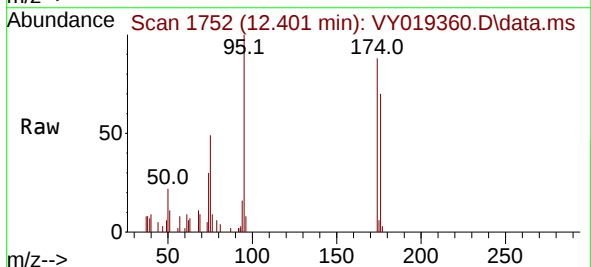
Tgt Ion: 95 Resp: 4495

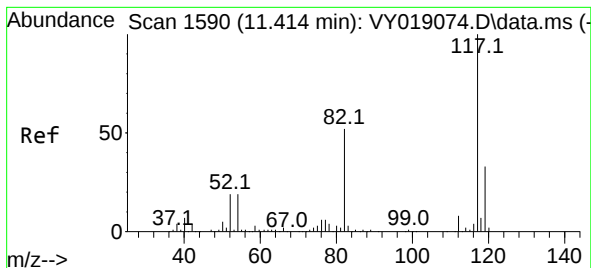
Ion Ratio Lower Upper

95 100

174 94.9 0.0 175.6

176 88.1 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: VY019360.D

Acq: 29 Aug 2024 05:53

Instrument :

MSVOA_Y

ClientSampleId :

346

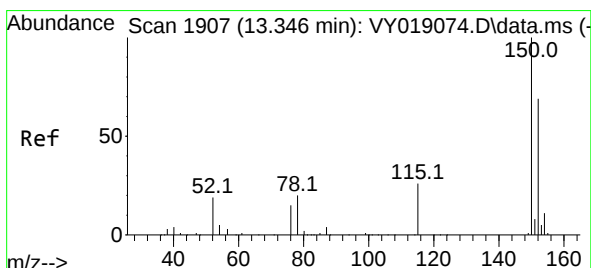
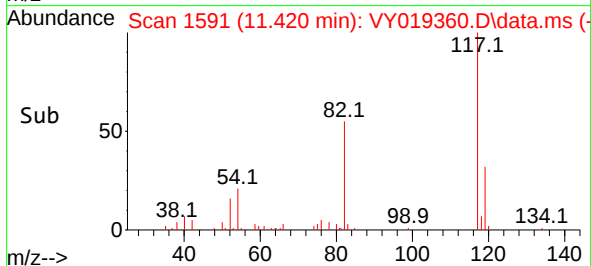
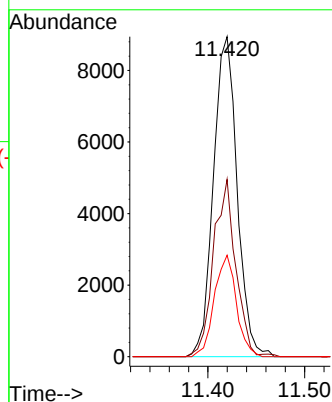
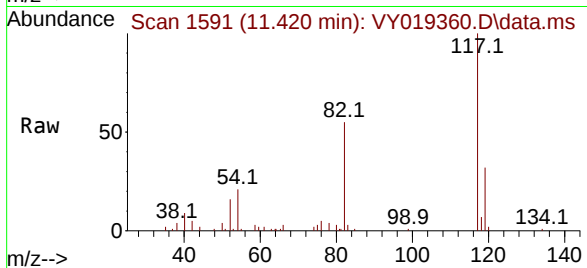
Tgt Ion:117 Resp: 15232

Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019360.D

Acq: 29 Aug 2024 05:53

Tgt Ion:152 Resp: 4007

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 149.6 0.0 345.6

