

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019579.D
 Acq On : 17 Sep 2024 12:41
 Operator : SY/MD
 Sample : P3930-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-B-33RE

Quant Time: Sep 18 01:31:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	150025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	261338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	198729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	61223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72544	52.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.440%
35) Dibromofluoromethane	7.634	113	77690	52.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.860%
50) Toluene-d8	10.109	98	294191	53.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.408	95	78483	37.243	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.480%

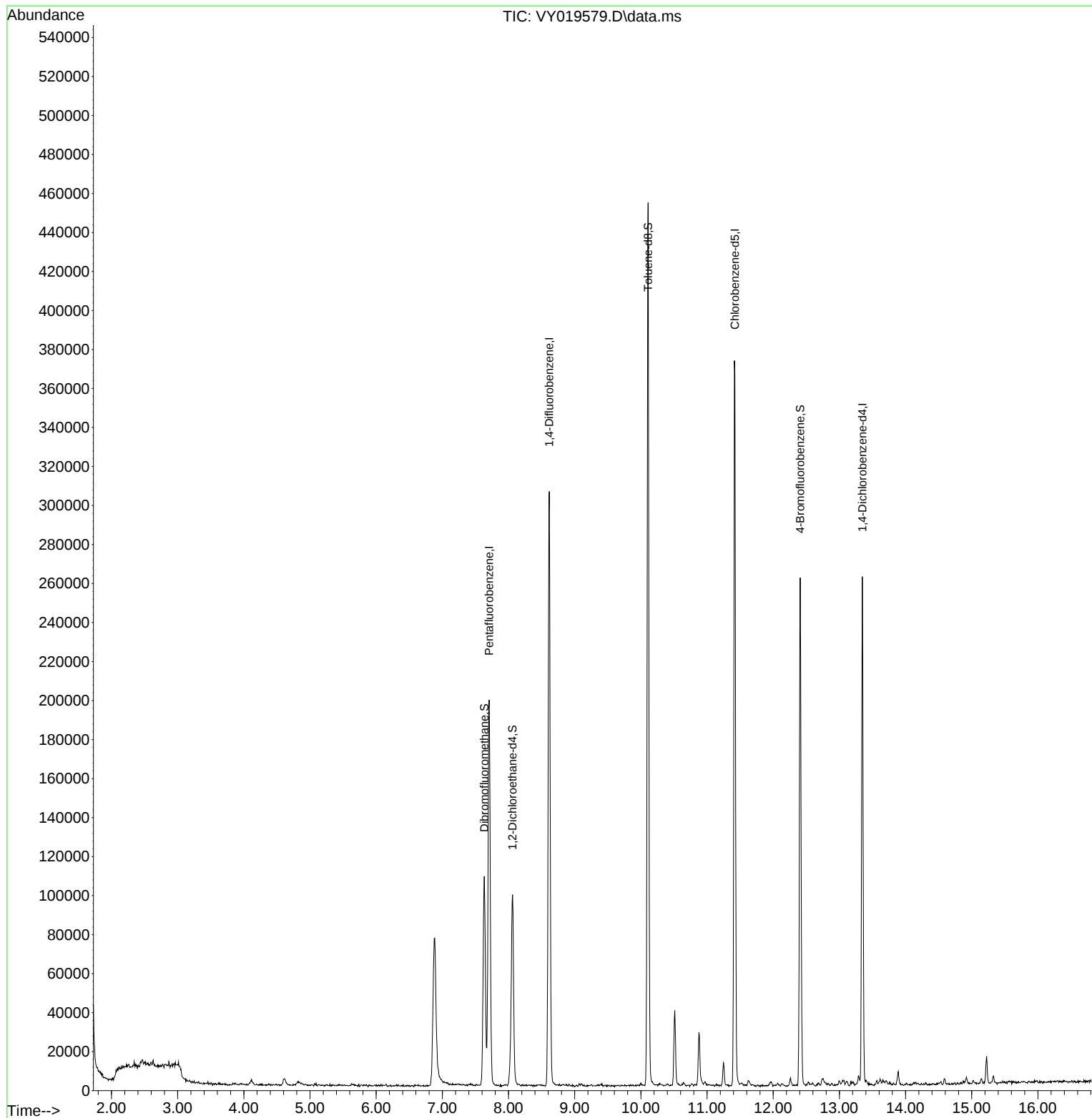
Target Compounds	Qvalue

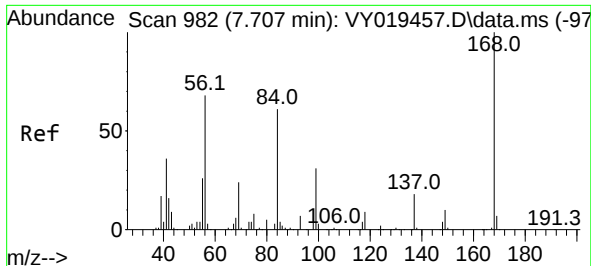
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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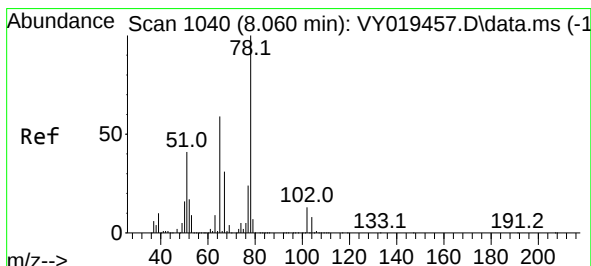
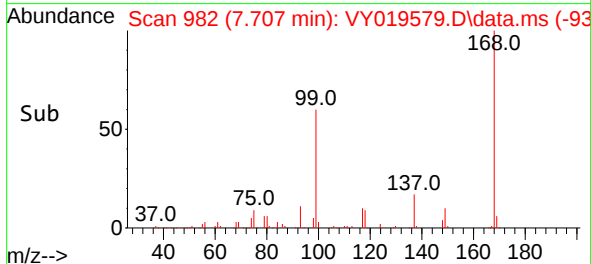
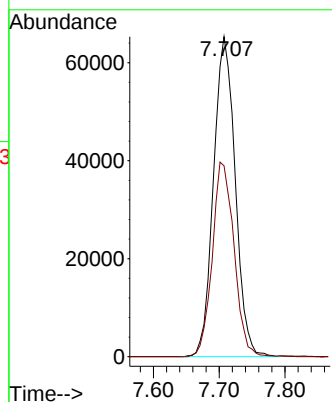
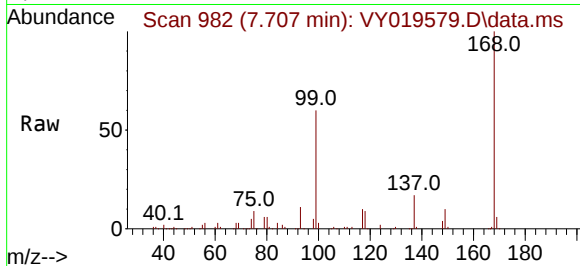




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019579.D
Acq: 17 Sep 2024 12:41

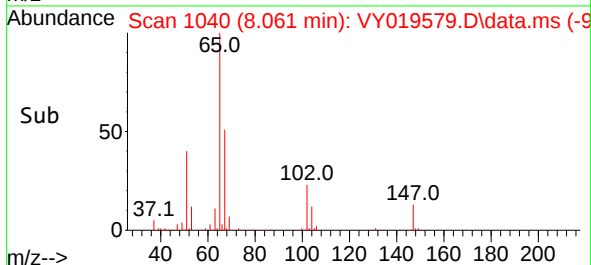
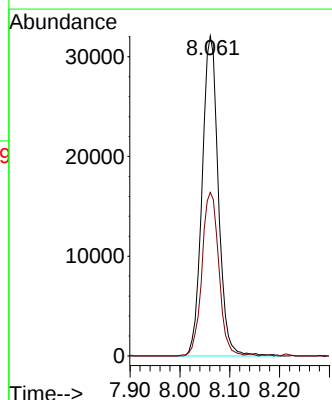
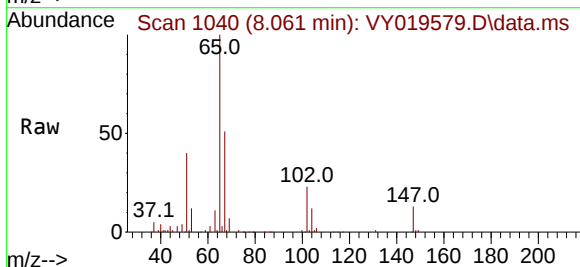
Instrument :
MSVOA_Y
ClientSampleId :
DN-B-33RE

Tgt Ion:168 Resp: 150025
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.220 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019579.D
Acq: 17 Sep 2024 12:41

Tgt Ion: 65 Resp: 72544
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019579.D

Acq: 17 Sep 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

DN-B-33RE

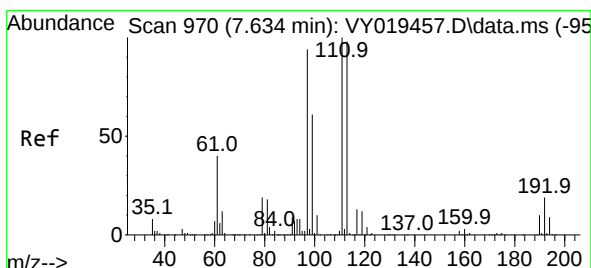
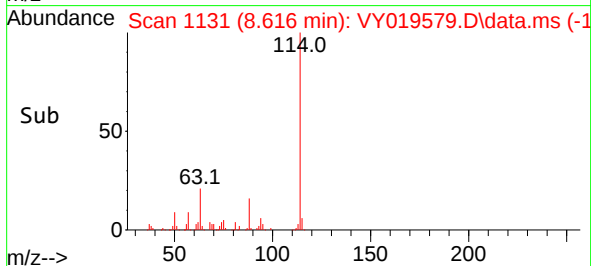
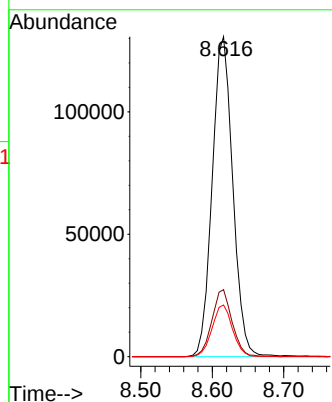
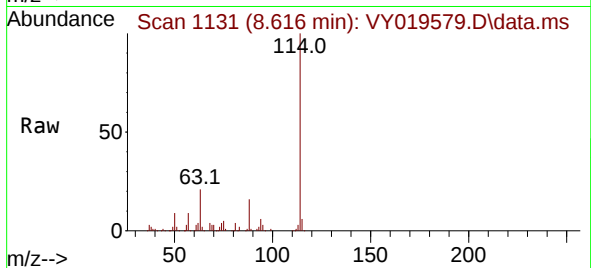
Tgt Ion:114 Resp: 261338

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.432 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019579.D

Acq: 17 Sep 2024 12:41

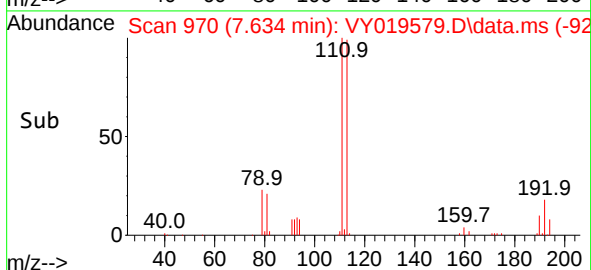
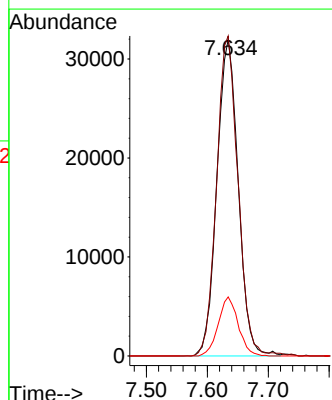
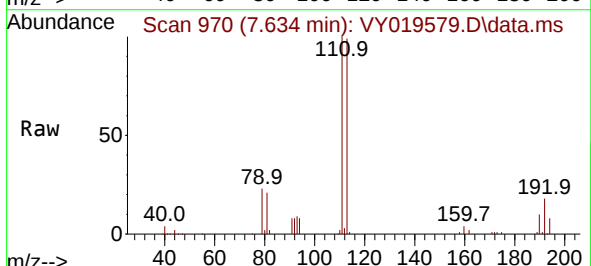
Tgt Ion:113 Resp: 77690

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 17.5 15.9 23.9

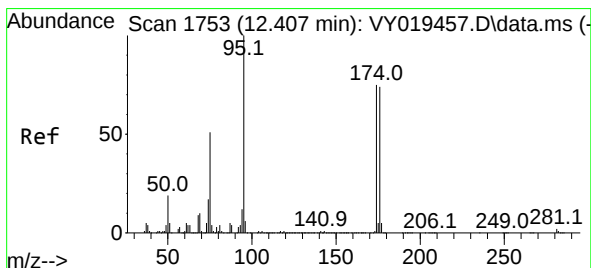
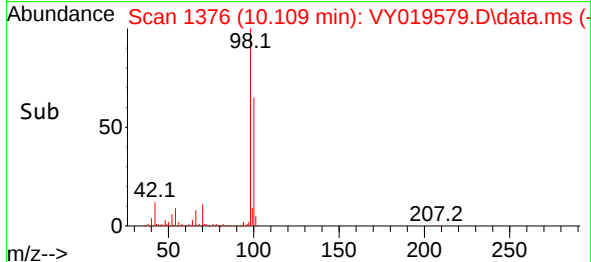
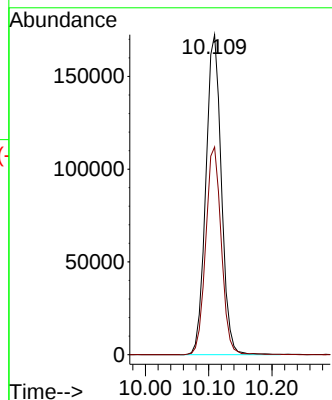
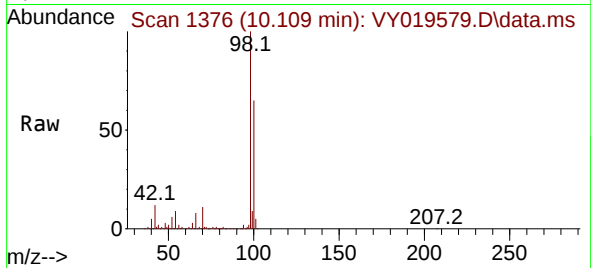




#50
Toluene-d8
Concen: 53.679 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019579.D
Acq: 17 Sep 2024 12:41

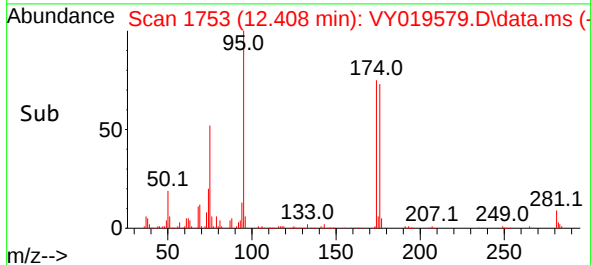
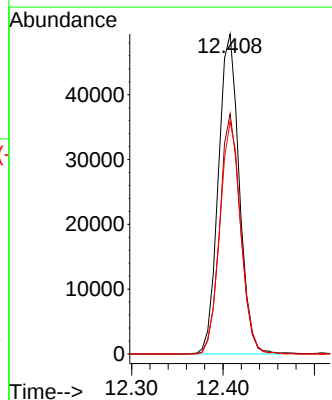
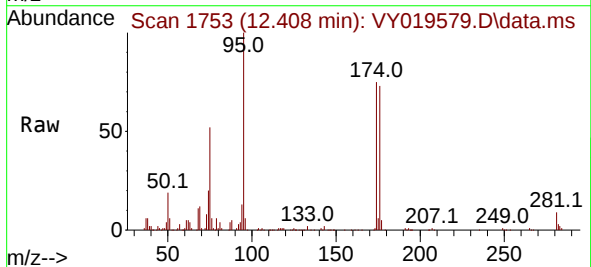
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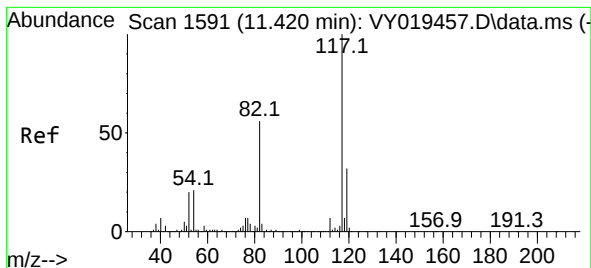
Tgt Ion: 98 Resp: 294191
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.243 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019579.D
Acq: 17 Sep 2024 12:41

Tgt Ion: 95 Resp: 78483
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 73.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019579.D

Acq: 17 Sep 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

DN-B-33RE

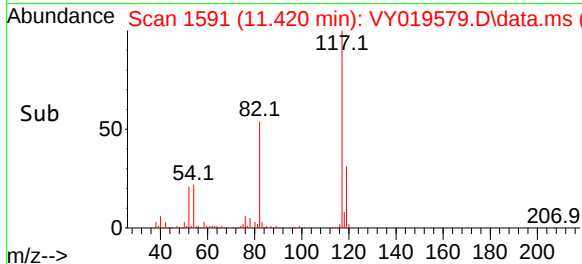
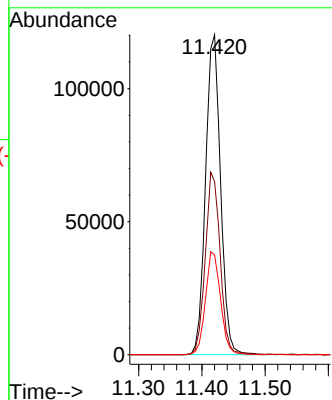
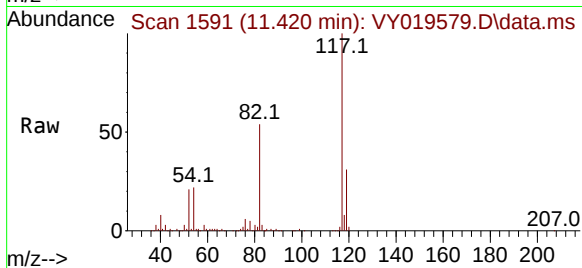
Tgt Ion:117 Resp: 198729

Ion Ratio Lower Upper

117 100

82 54.1 42.4 63.6

119 31.1 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: VY019579.D

Acq: 17 Sep 2024 12:41

Tgt Ion:152 Resp: 61223

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 161.6 0.0 345.6

