

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019571.D
 Acq On : 16 Sep 2024 17:03
 Operator : SY/MD
 Sample : P3930-02
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-B-34

Quant Time: Sep 17 02:15:53 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	342237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	656989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	575811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	201869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200873	63.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.780%
35) Dibromofluoromethane	7.628	113	207876	55.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.620%
50) Toluene-d8	10.109	98	779287	56.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.120%
62) 4-Bromofluorobenzene	12.408	95	244544	46.160	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.320%

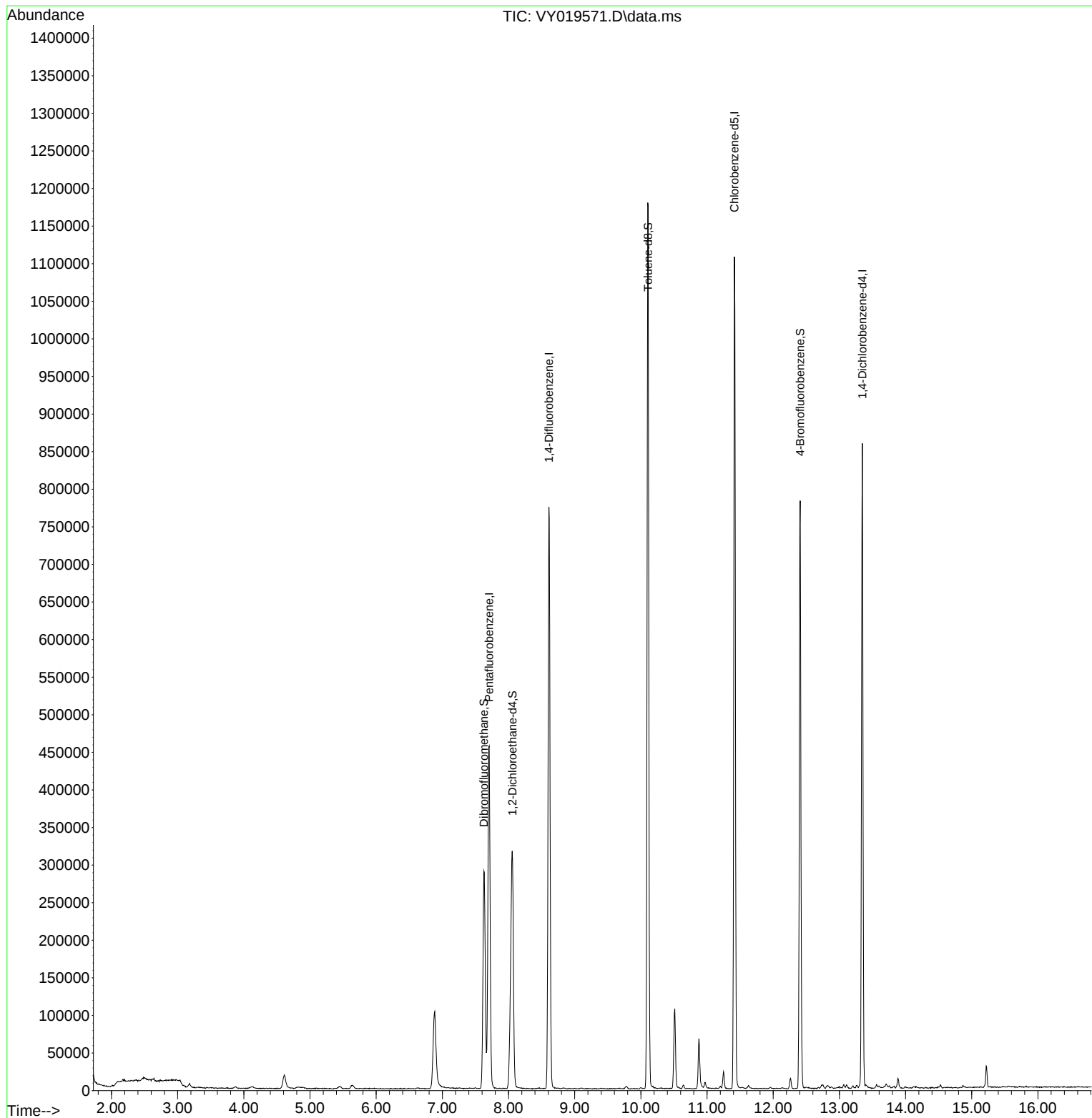
Target Compounds	Qvalue

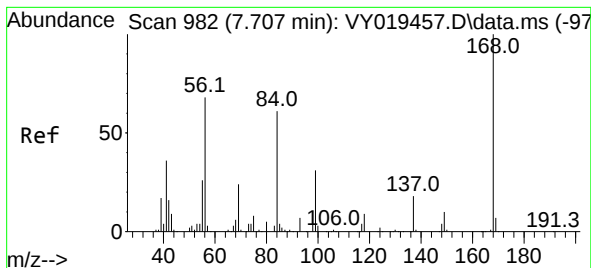
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019571.D

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Instrument :

MSVOA_Y

ClientSampleId :

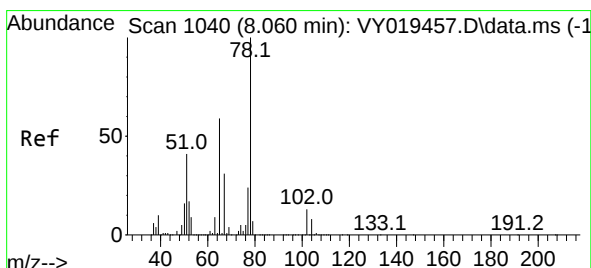
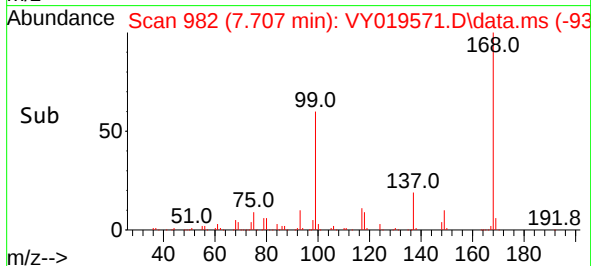
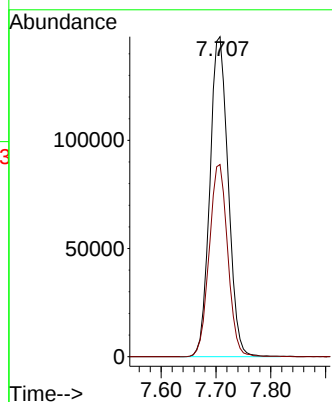
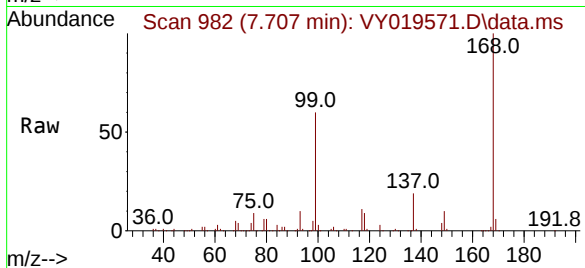
DN-B-34

Tgt Ion:168 Resp: 342237

Ion Ratio Lower Upper

168 100

99 60.0 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 63.386 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019571.D

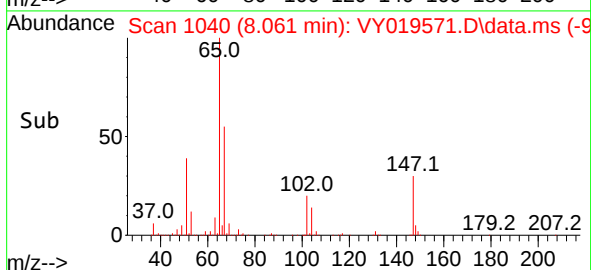
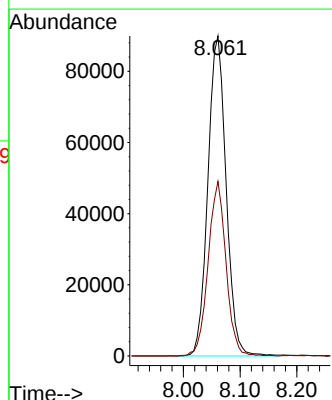
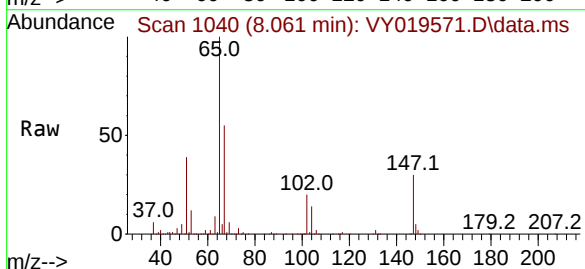
Acq: 16 Sep 2024 17:03

Tgt Ion: 65 Resp: 200873

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

DN-B-34

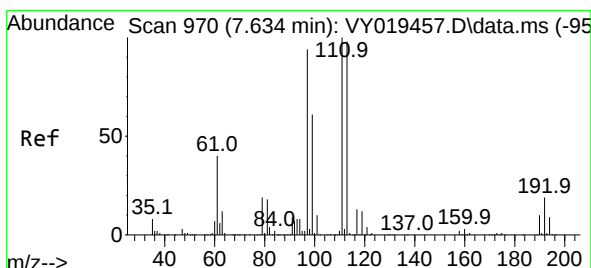
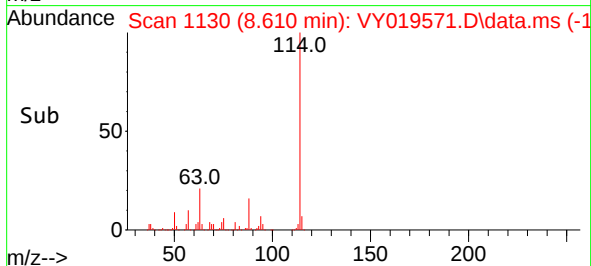
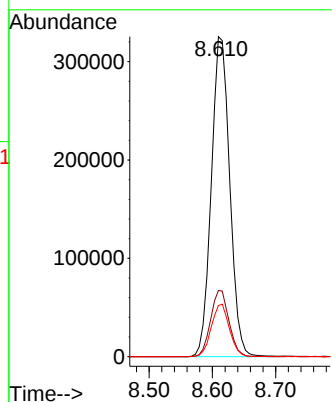
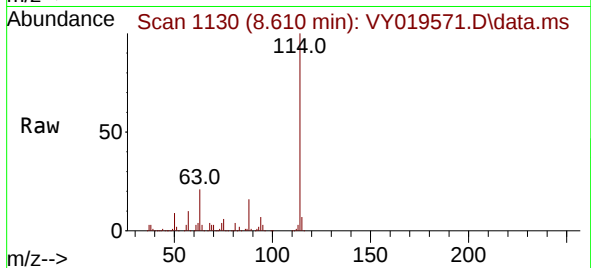
Tgt Ion:114 Resp: 656989

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.806 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

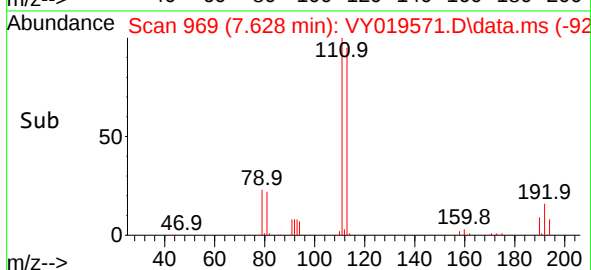
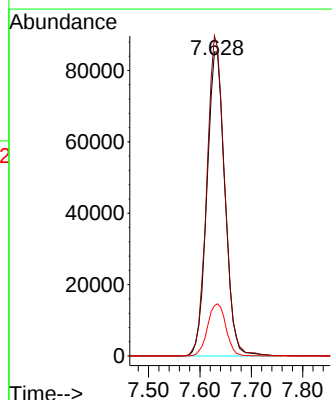
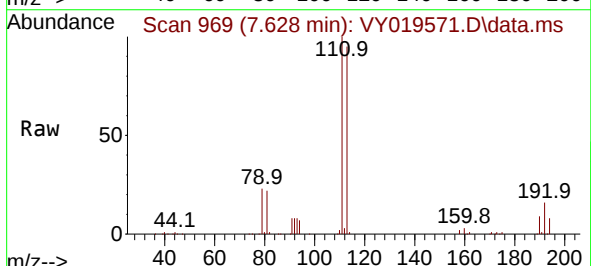
Tgt Ion:113 Resp: 207876

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.4 15.9 23.9

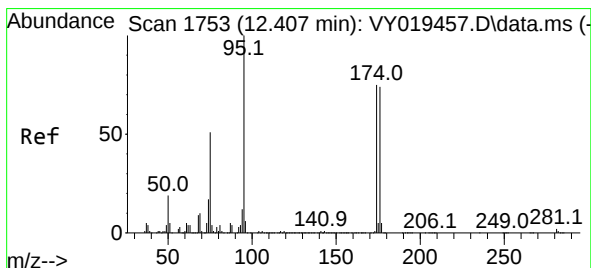
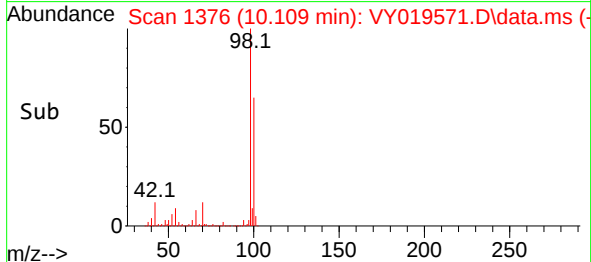
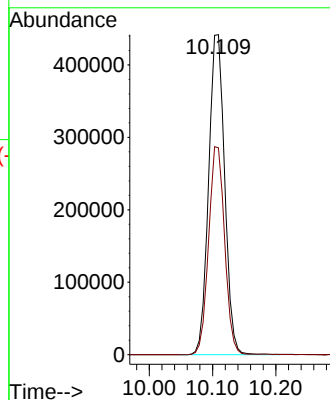
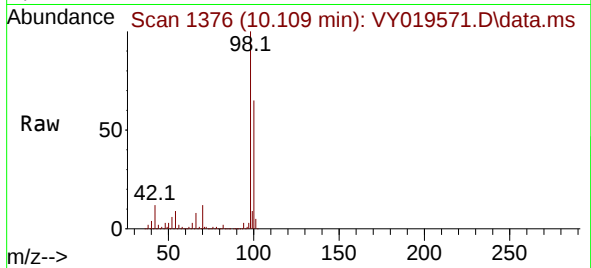




#50
Toluene-d8
Concen: 56.561 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

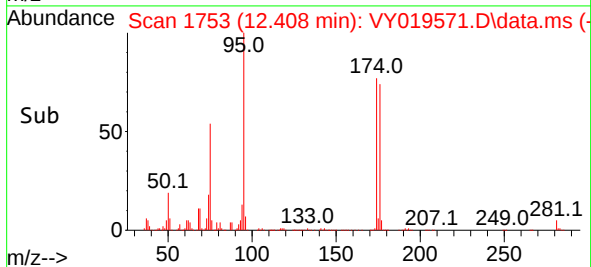
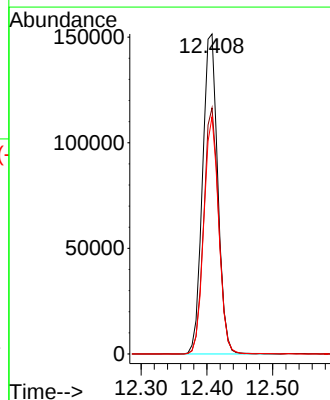
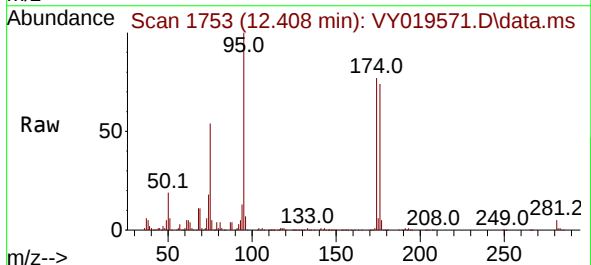
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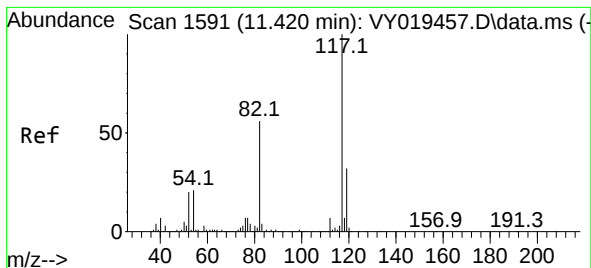
Tgt Ion: 98 Resp: 779287
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.160 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

Tgt Ion: 95 Resp: 244544
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 72.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

DN-B-34

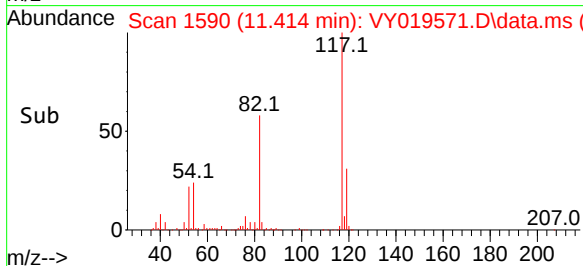
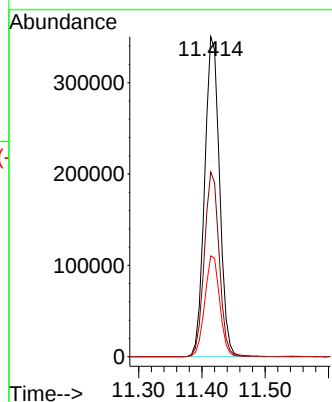
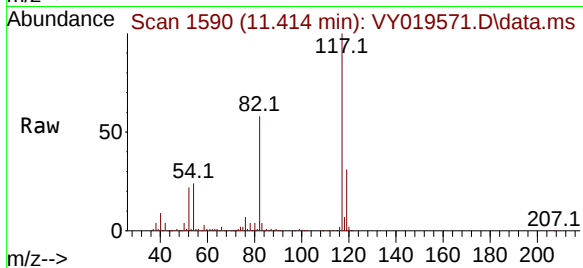
Tgt Ion:117 Resp: 575811

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.5 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: VY019571.D

Acq: 16 Sep 2024 17:03

Tgt Ion:152 Resp: 201869

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 159.8 0.0 345.6

