

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020267.D
 Acq On : 12 Nov 2024 15:01
 Operator : SY/MD
 Sample : P4812-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200035

Quant Time: Nov 13 00:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	141207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	324365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	257391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	101671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	97820	55.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.640	113	96899	46.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.109	98	461165	56.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.360%
62) 4-Bromofluorobenzene	12.408	95	102353	38.387	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	76.780%

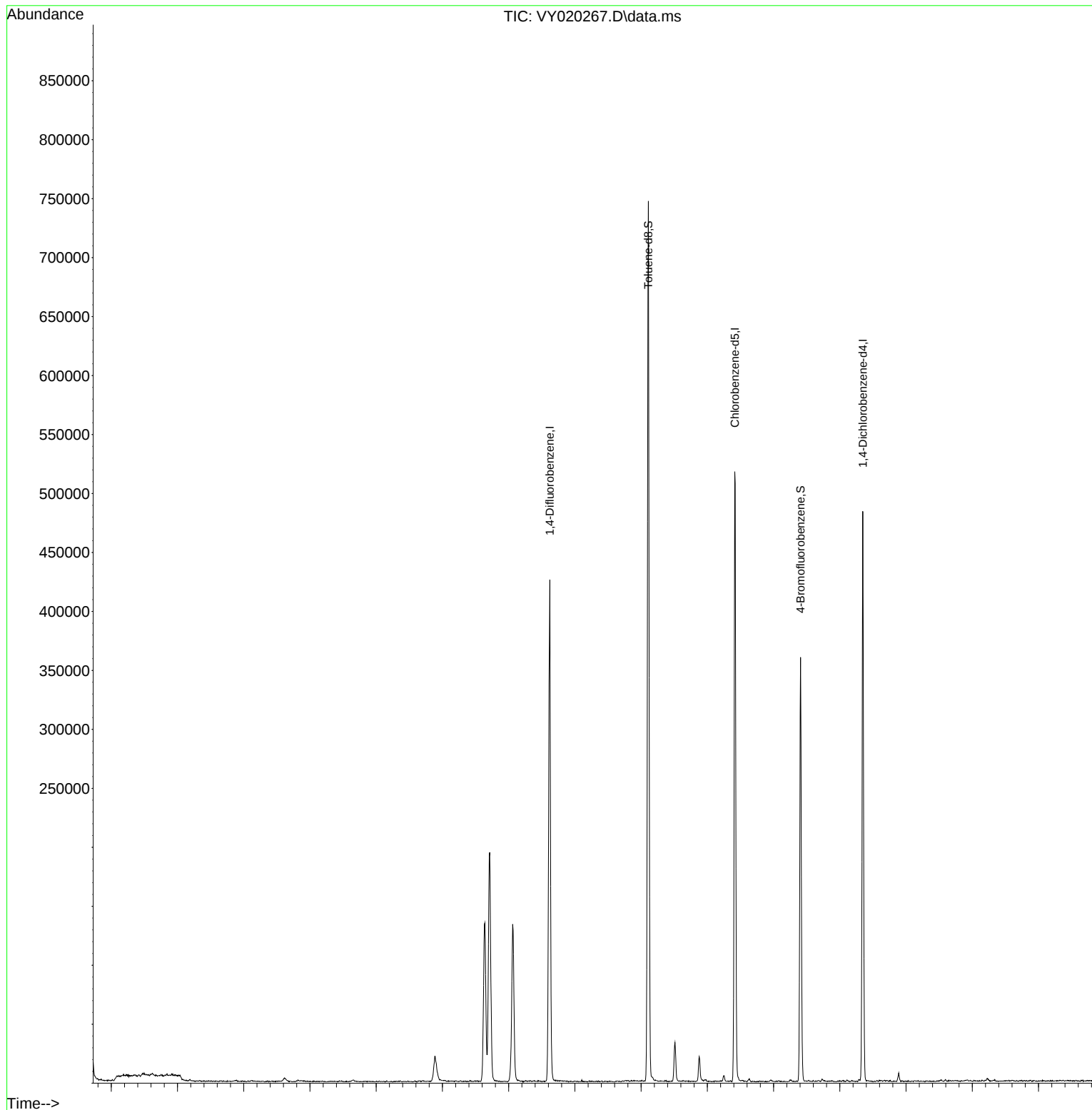
Target Compounds Qvalue

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

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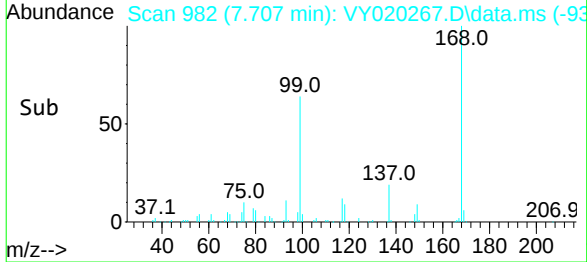
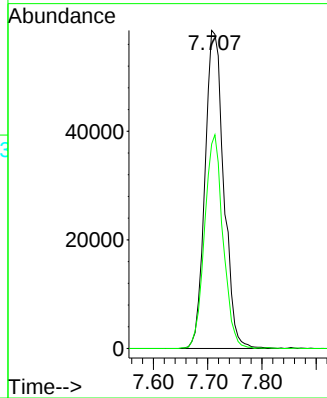
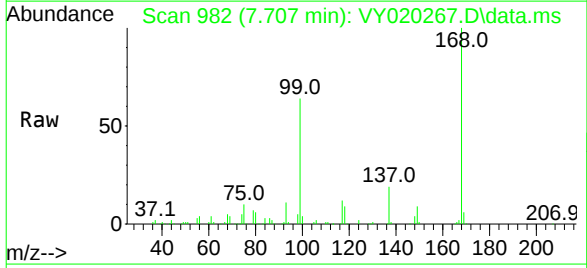




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

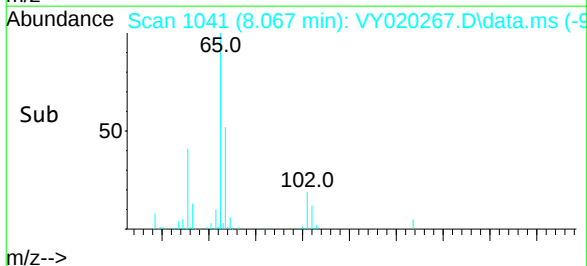
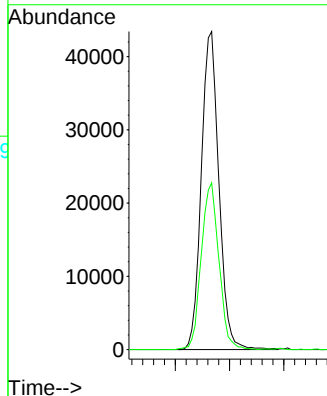
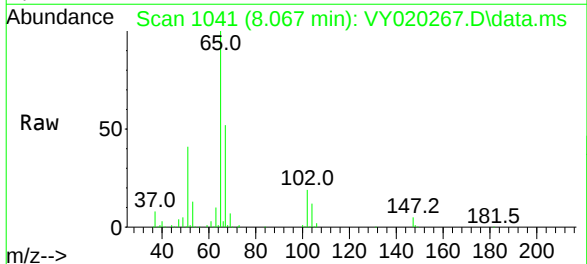
Instrument :
MSVOA_Y
ClientSampleId :
RBR200035

Tgt Ion: 168 Resp: 141207
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.505 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020267.D
Acq: 12 Nov 2024 15:01

Tgt Ion: 65 Resp: 97820
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

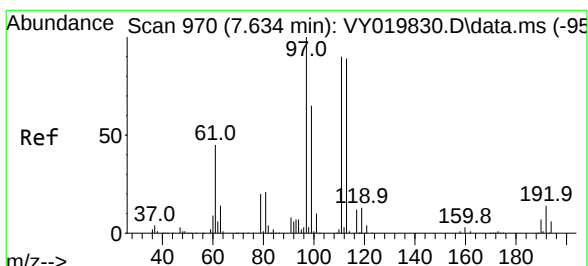
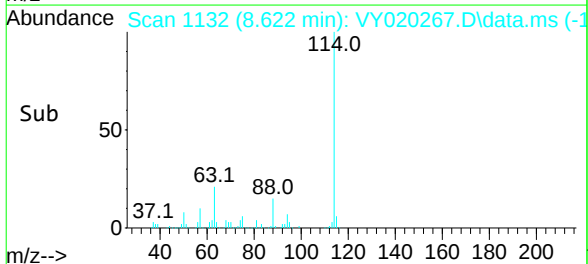
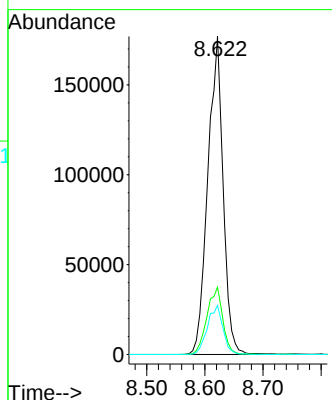
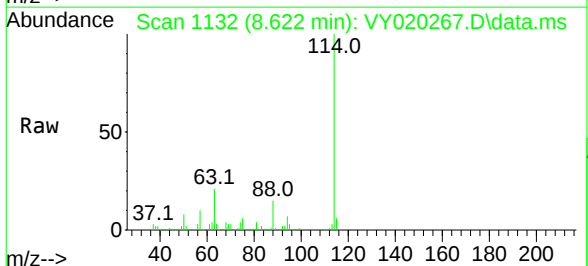




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VY020267.D
 Acq: 12 Nov 2024 15:01

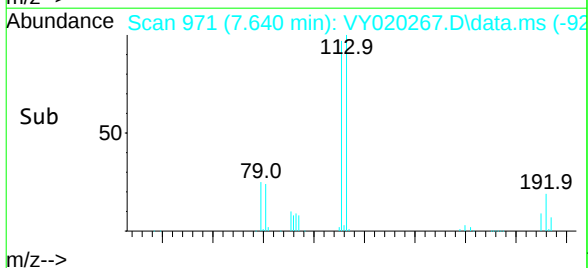
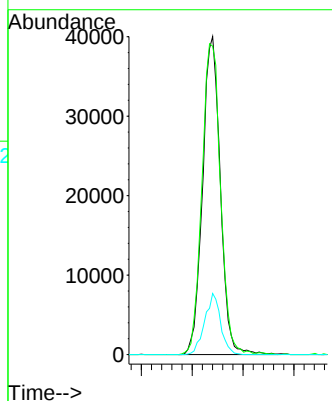
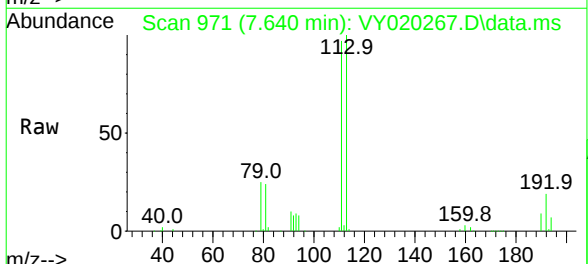
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200035

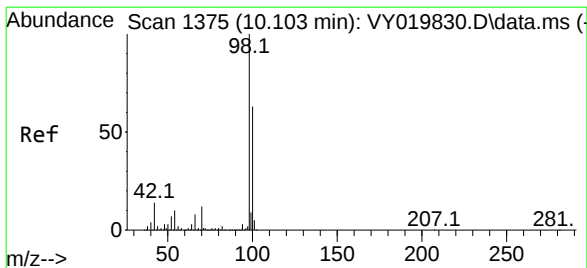
Tgt Ion:	114	Resp:	324365
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	35.0
88	15.4	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 46.986 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020267.D
 Acq: 12 Nov 2024 15:01

Tgt Ion:	113	Resp:	96899
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	17.3	15.9	23.9





#50

Toluene-d8

Concen: 56.178 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020267.D

Acq: 12 Nov 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

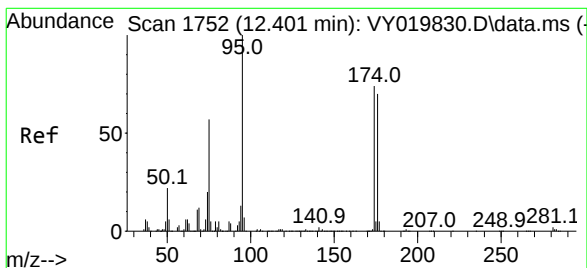
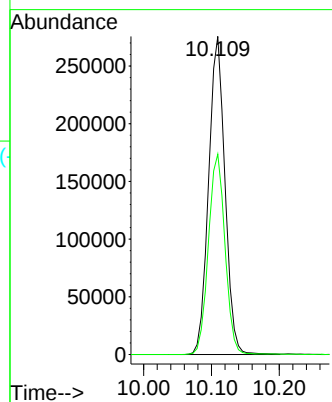
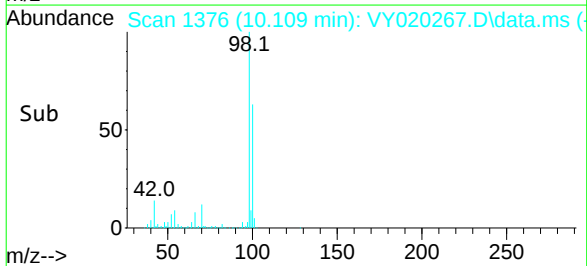
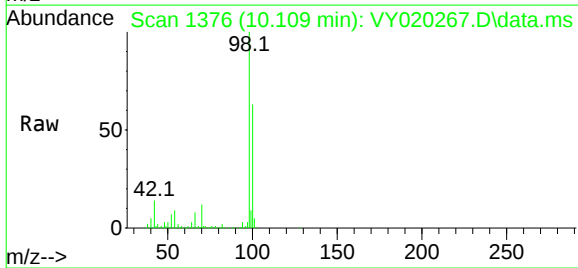
RBR200035

Tgt Ion: 98 Resp: 461165

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.387 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020267.D

Acq: 12 Nov 2024 15:01

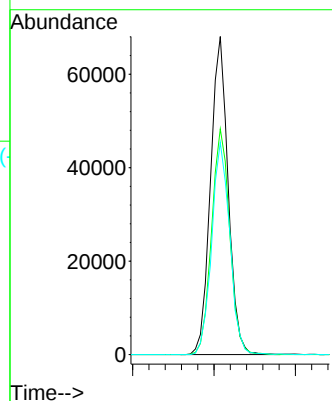
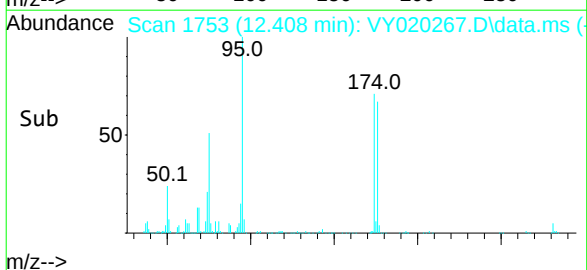
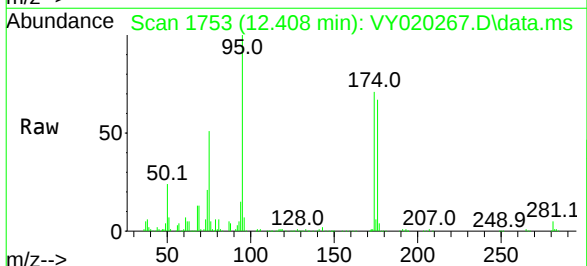
Tgt Ion: 95 Resp: 102353

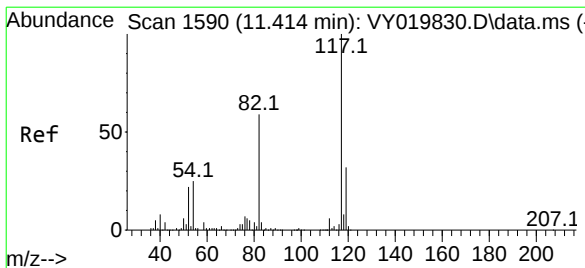
Ion Ratio Lower Upper

95 100

174 73.1 0.0 175.6

176 68.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020267.D

Acq: 12 Nov 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :

RBR200035

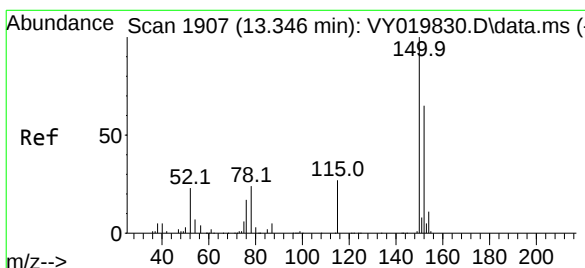
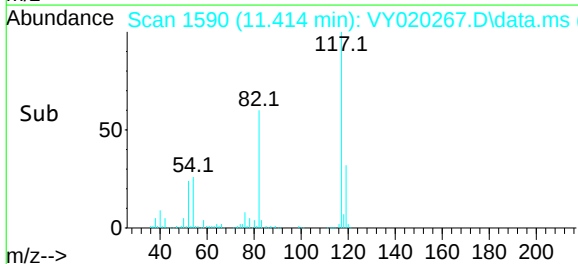
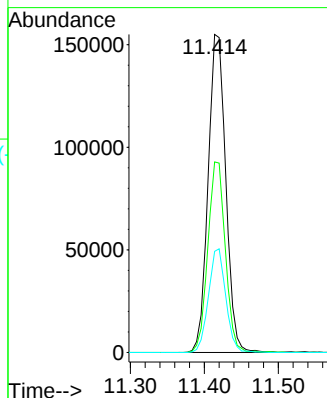
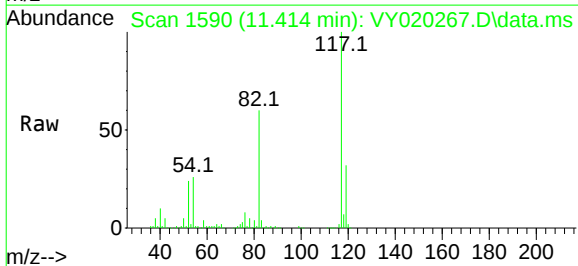
Tgt Ion:117 Resp: 257391

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 31.8 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: VY020267.D

Acq: 12 Nov 2024 15:01

Tgt Ion:152 Resp: 101671

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 157.8 0.0 345.6

