

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020274.D
 Acq On : 12 Nov 2024 17:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 13 00:38:46 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	7.713	168	153464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	317124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	101746	53.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.240%	
35) Dibromofluoromethane	7.640	113	105928	52.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.109	98	419374	52.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	12.408	95	174720	67.024	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 134.040%	

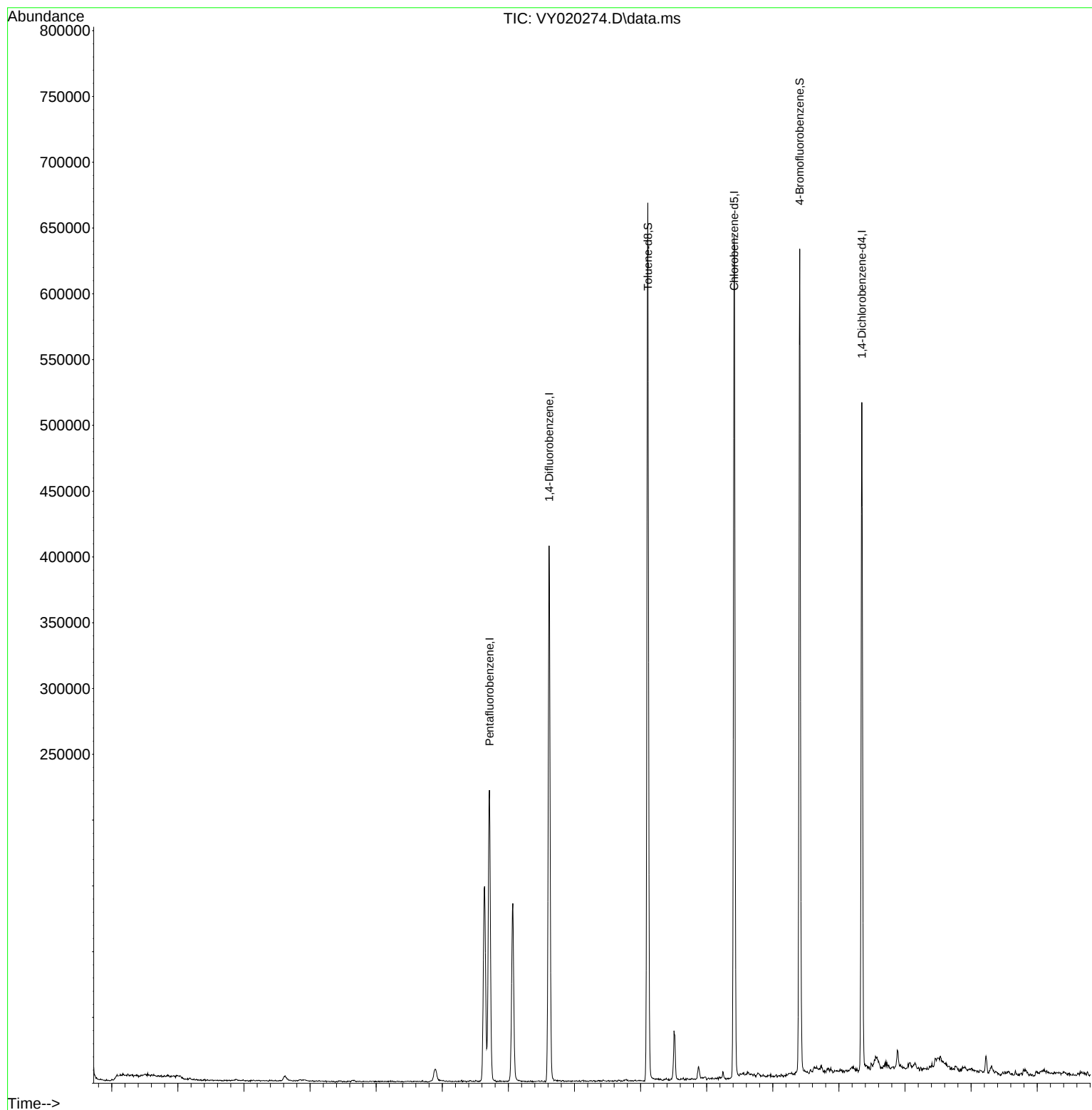
Target Compounds Qvalue

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

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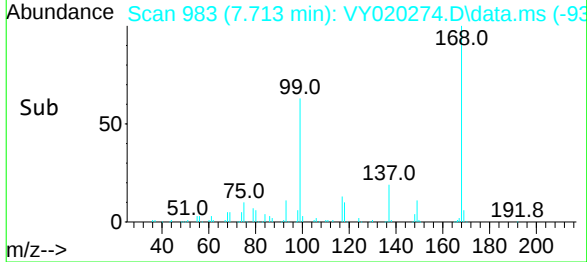
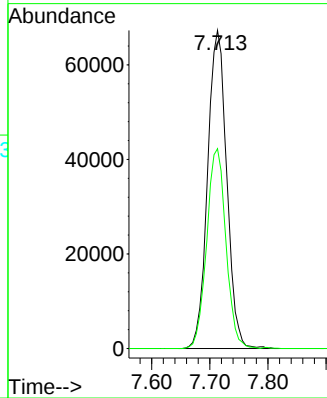
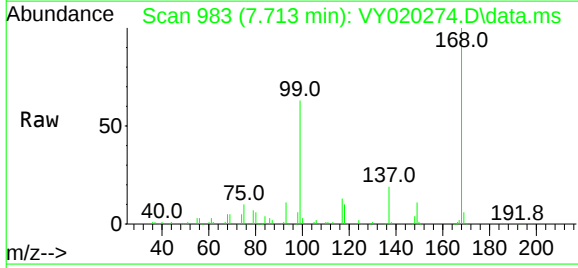




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

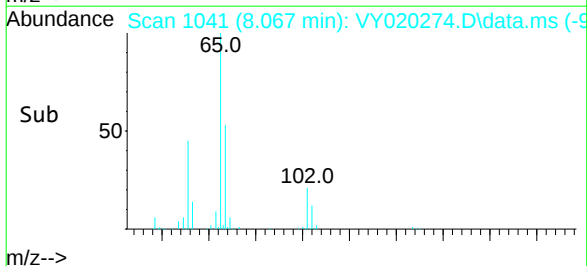
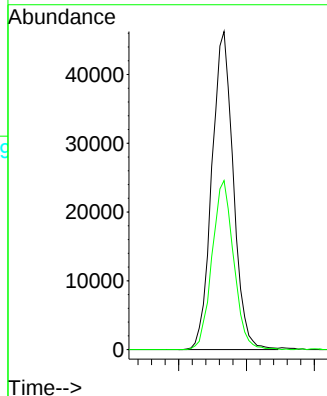
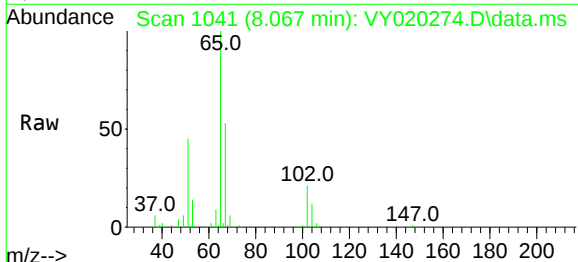
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 153464
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.122 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

Tgt Ion: 65 Resp: 101746
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

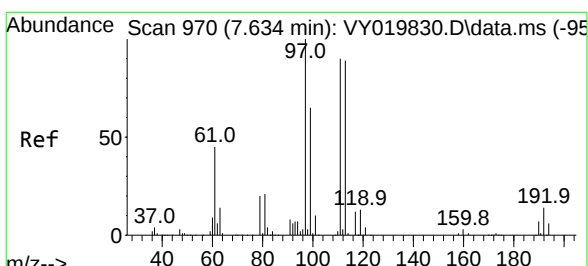
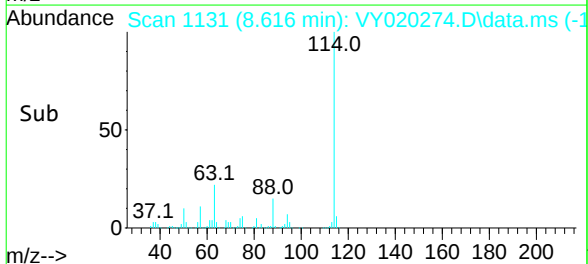
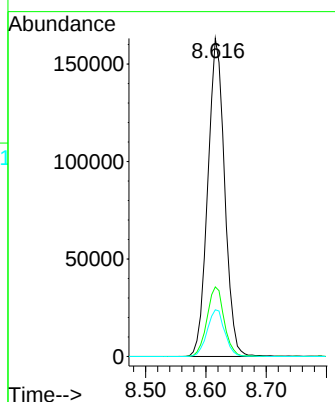
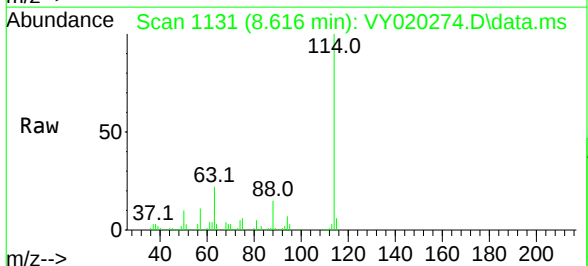




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020274.D
 Acq: 12 Nov 2024 17:45

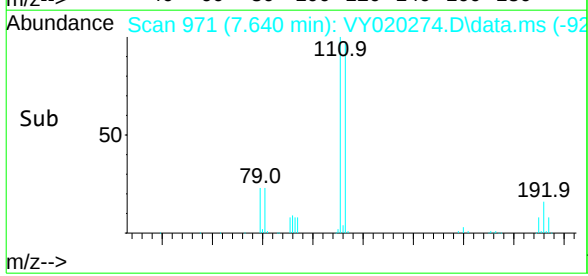
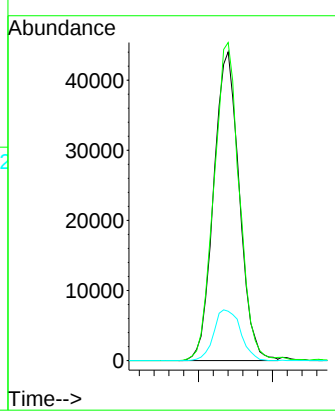
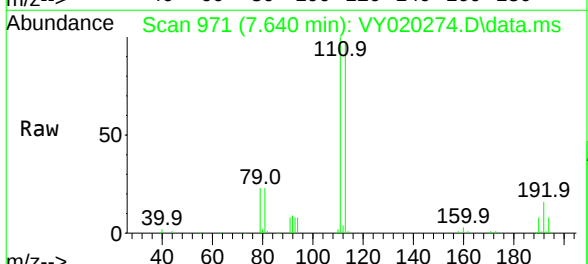
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

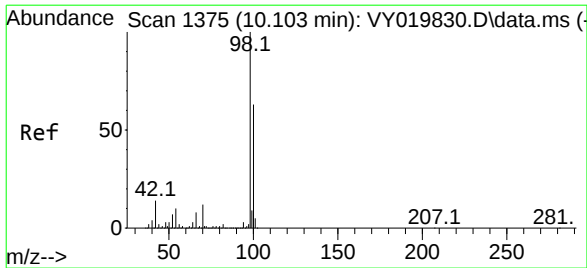
Tgt Ion:	114	Resp:	317124
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.0
88	14.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.537 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020274.D
 Acq: 12 Nov 2024 17:45

Tgt Ion:	113	Resp:	105928
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	17.2	15.9	23.9





#50

Toluene-d8

Concen: 52.254 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020274.D

Acq: 12 Nov 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

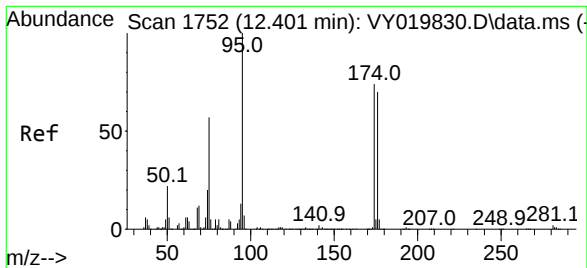
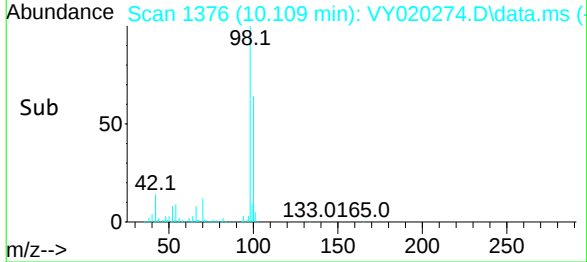
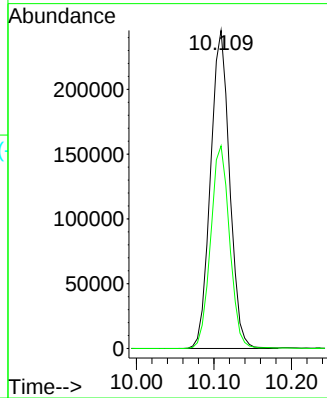
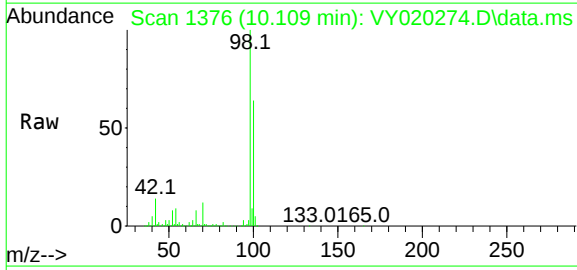
VIBLK

Tgt Ion: 98 Resp: 419374

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 67.024 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020274.D

Acq: 12 Nov 2024 17:45

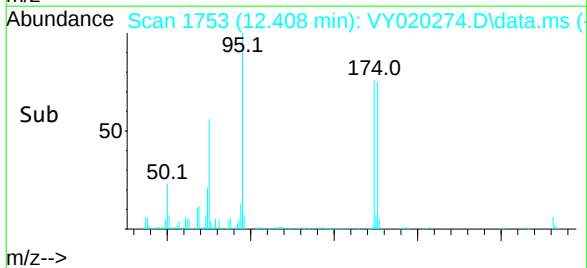
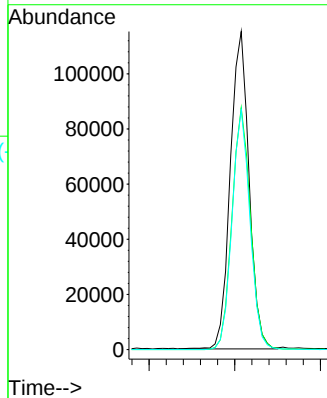
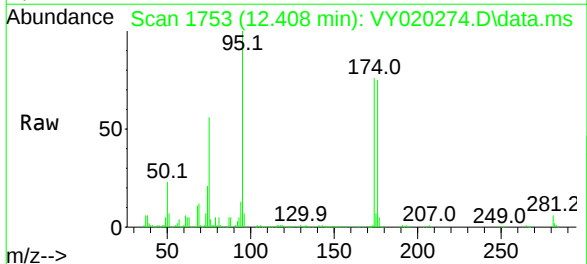
Tgt Ion: 95 Resp: 174720

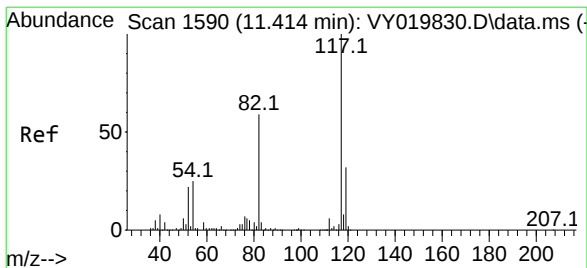
Ion Ratio Lower Upper

95 100

174 75.3 0.0 175.6

176 72.5 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: VY020274.D

Acq: 12 Nov 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

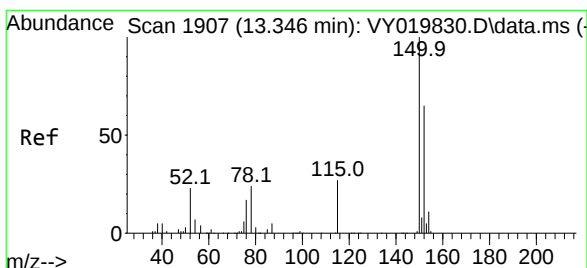
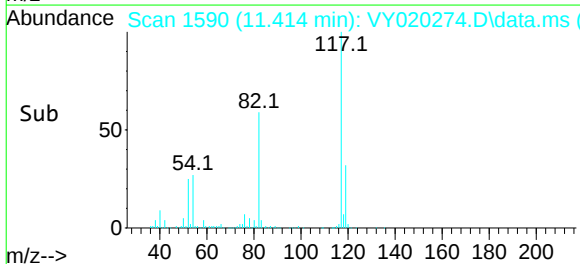
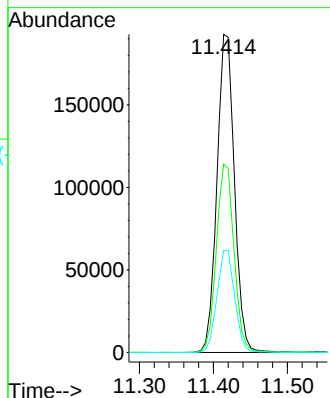
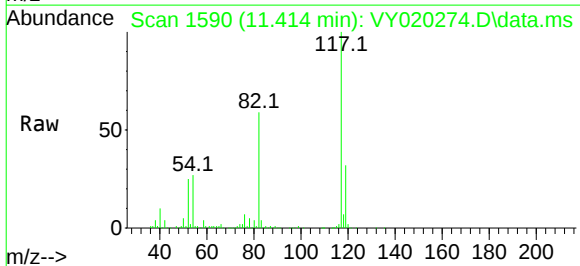
Tgt Ion:117 Resp: 316339

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.0 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: VY020274.D

Acq: 12 Nov 2024 17:45

Tgt Ion:152 Resp: 113685

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 158.9 0.0 345.6

