

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020186.D
 Acq On : 06 Nov 2024 17:03
 Operator : SY/MD
 Sample : P4659-03
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2-VOC

Quant Time: Nov 07 00:28:55 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	1619	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	2941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1474	72.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.900%	
35) Dibromofluoromethane	7.622	113	1101	58.881	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.760%	
50) Toluene-d8	10.109	98	3088	41.489	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.980%	
62) 4-Bromofluorobenzene	12.408	95	318	13.154	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 26.300%#	

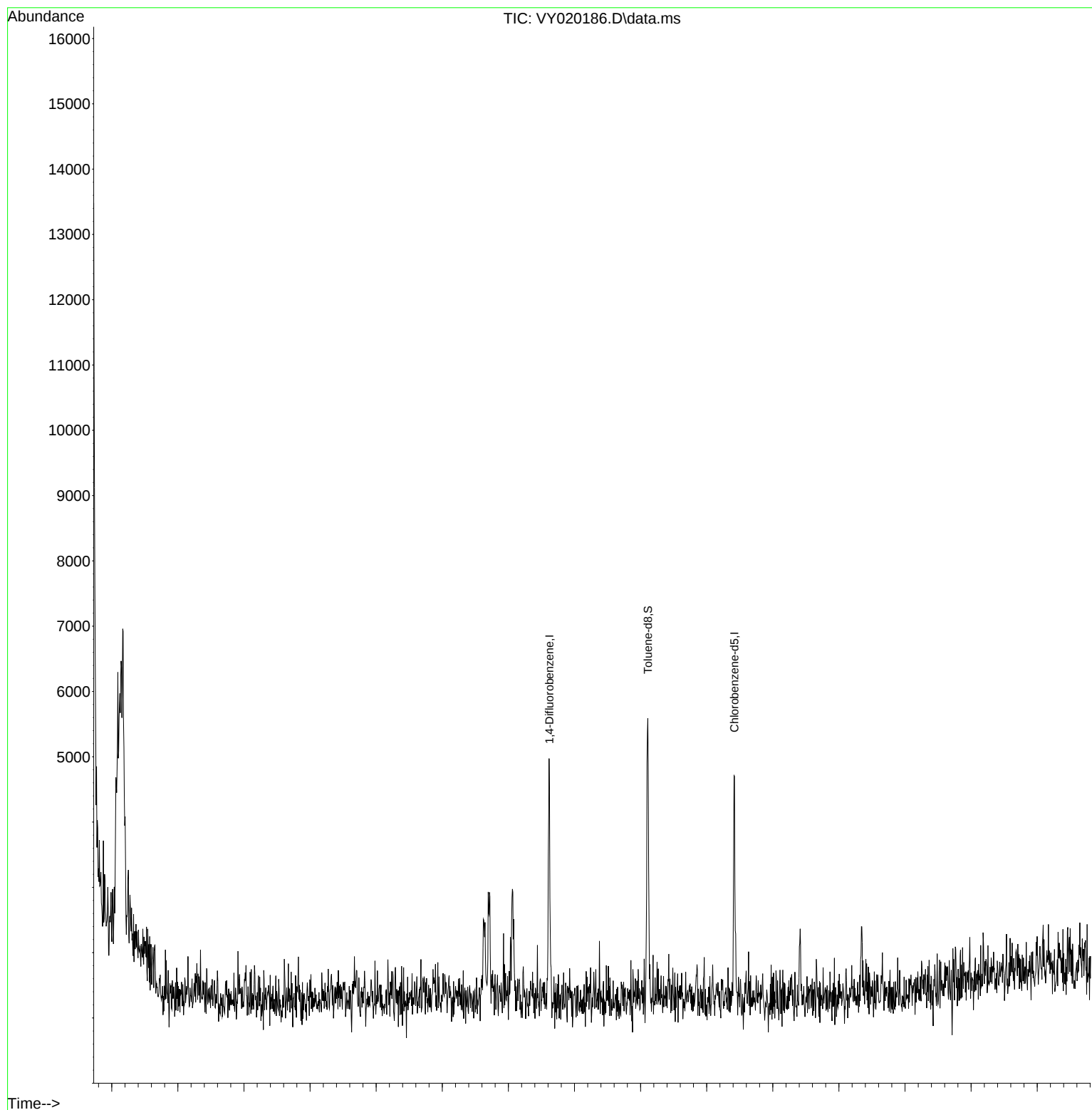
Target Compounds Qvalue

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

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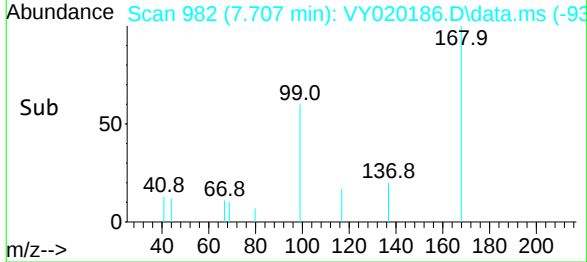
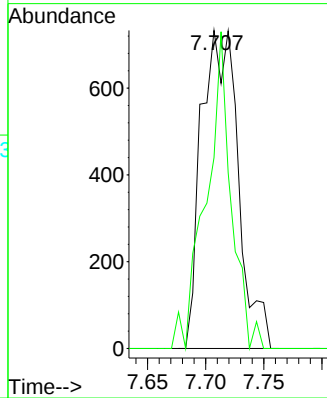
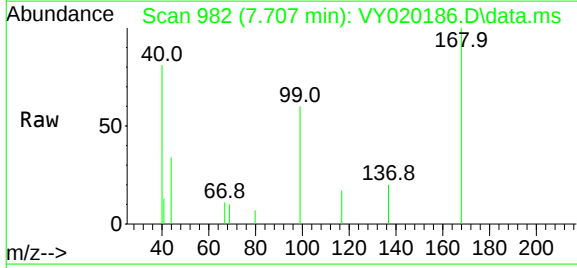




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020186.D
Acq: 06 Nov 2024 17:03

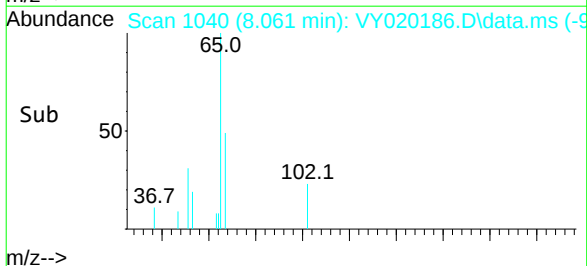
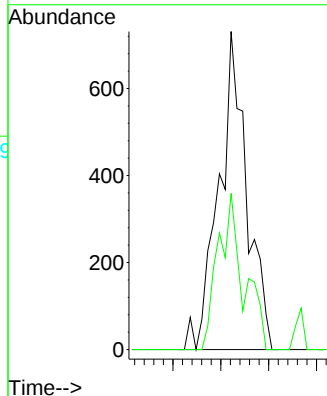
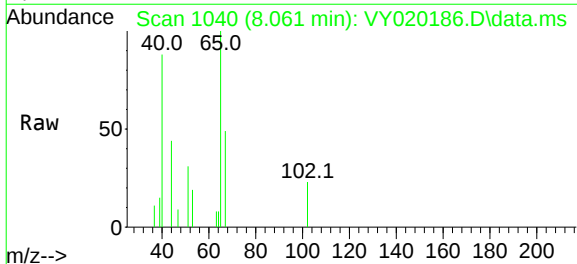
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

Tgt Ion: 168 Resp: 1619
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 72.948 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020186.D
Acq: 06 Nov 2024 17:03

Tgt Ion: 65 Resp: 1474
Ion Ratio Lower Upper
65 100
67 45.0 0.0 109.6

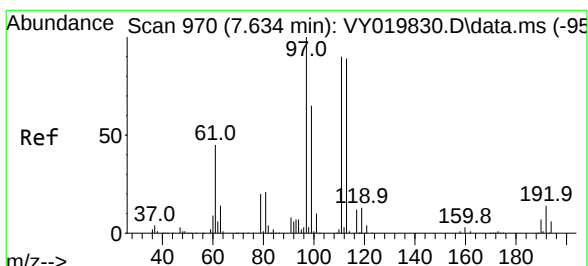
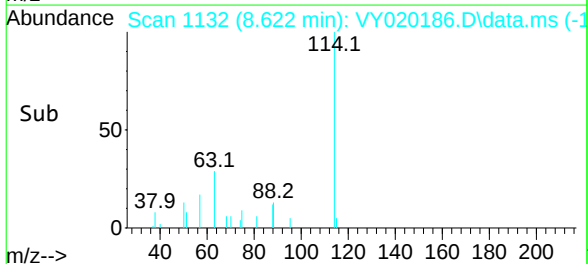
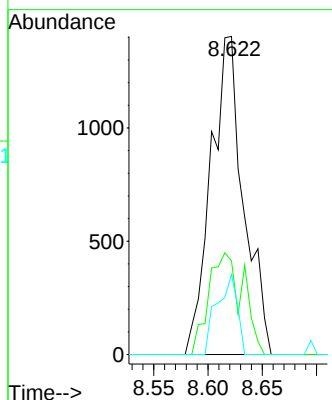
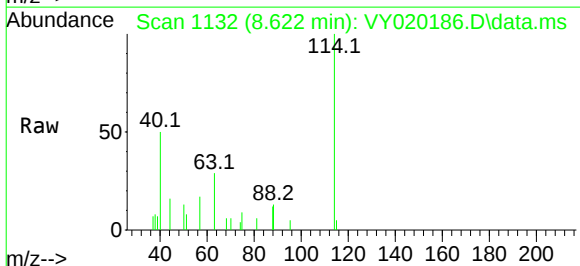




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020186.D
Acq: 06 Nov 2024 17:03

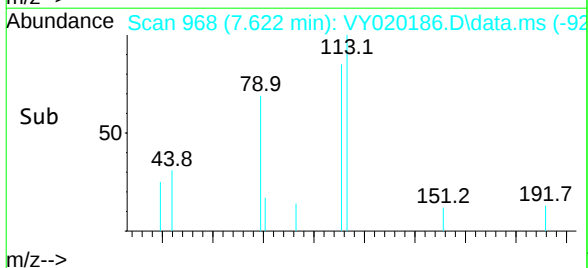
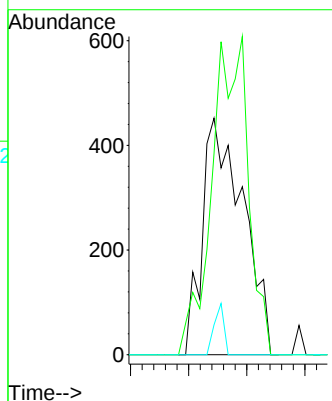
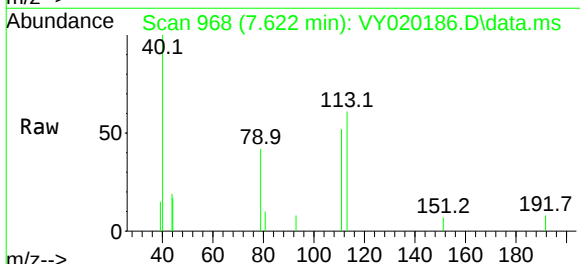
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

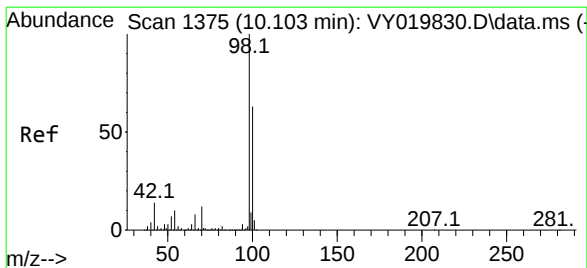
Tgt Ion:	114	Resp:	2941
Ion	Ratio	Lower	Upper
114	100		
63	29.4	0.0	35.0
88	25.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 58.881 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020186.D
Acq: 06 Nov 2024 17:03

Tgt Ion:	113	Resp:	1101
Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.2	123.4#
192	5.2	15.9	23.9#





#50

Toluene-d8

Concen: 41.489 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020186.D

Acq: 06 Nov 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

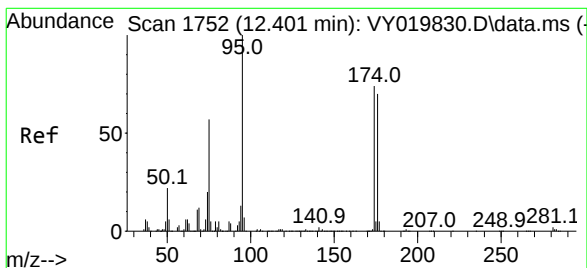
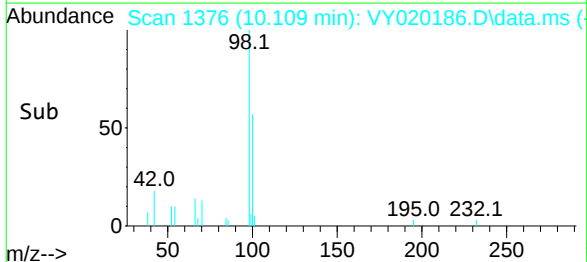
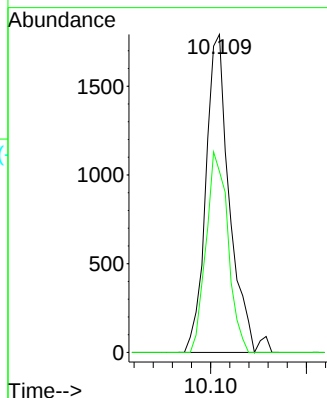
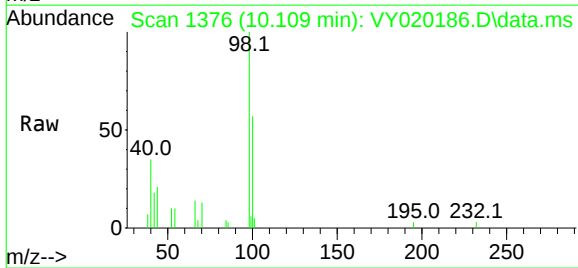
MH-2-VOC

Tgt Ion: 98 Resp: 3088

Ion Ratio Lower Upper

98 100

100 58.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 13.154 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020186.D

Acq: 06 Nov 2024 17:03

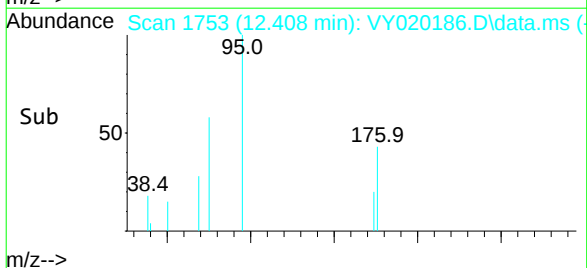
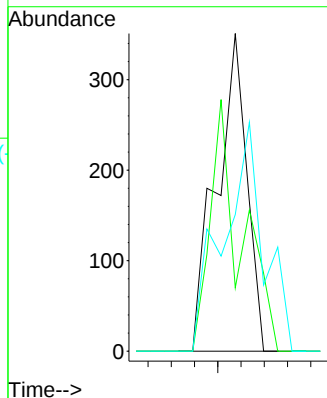
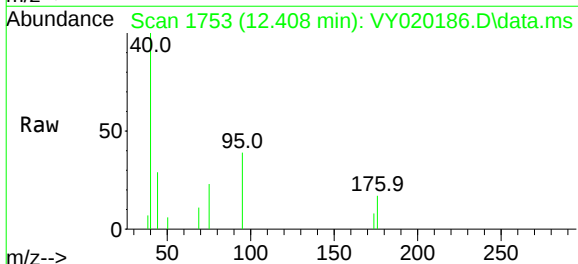
Tgt Ion: 95 Resp: 318

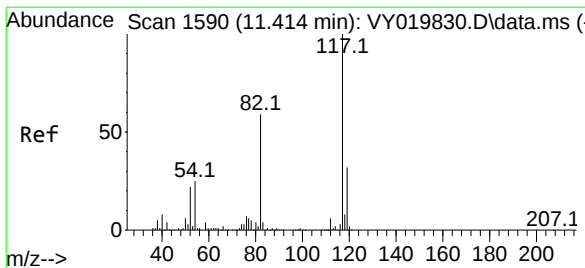
Ion Ratio Lower Upper

95 100

174 80.2 0.0 175.6

176 95.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020186.D

Acq: 06 Nov 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

MH-2-VOC

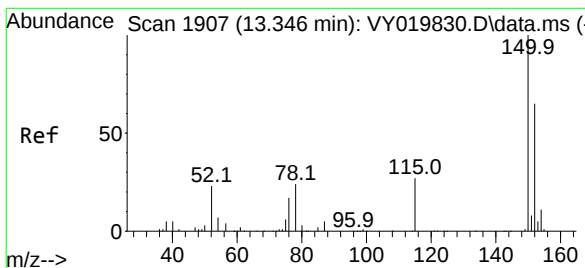
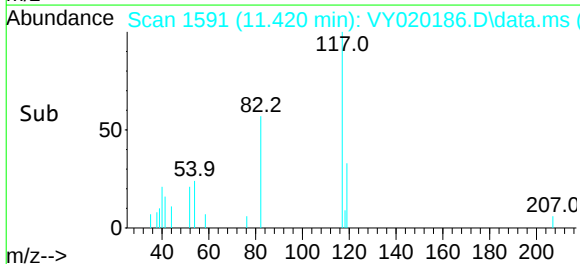
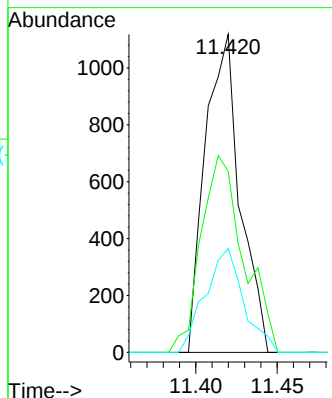
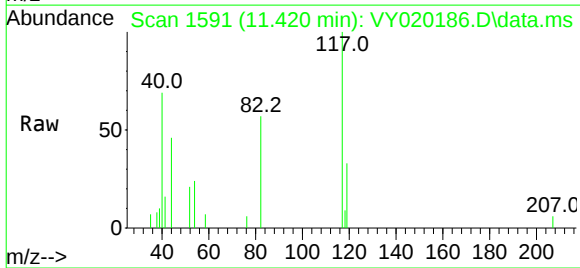
Tgt Ion:117 Resp: 1663

Ion Ratio Lower Upper

117 100

82 57.0 42.4 63.6

119 32.6 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: VY020186.D

Acq: 06 Nov 2024 17:03

Tgt Ion:152 Resp: 363

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 141.6 0.0 345.6

