

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020187.D
 Acq On : 06 Nov 2024 17:27
 Operator : SY/MD
 Sample : P4675-05
 Misc : 6.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Nov 07 00:29:32 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	7.701	168	1297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1970	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.420	117	1013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	134	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1066	65.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.700%
35) Dibromofluoromethane	7.640	113	406	32.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.820%
50) Toluene-d8	10.109	98	1879	37.688	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.380%
62) 4-Bromofluorobenzene	12.414	95	258	15.932	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	31.860%

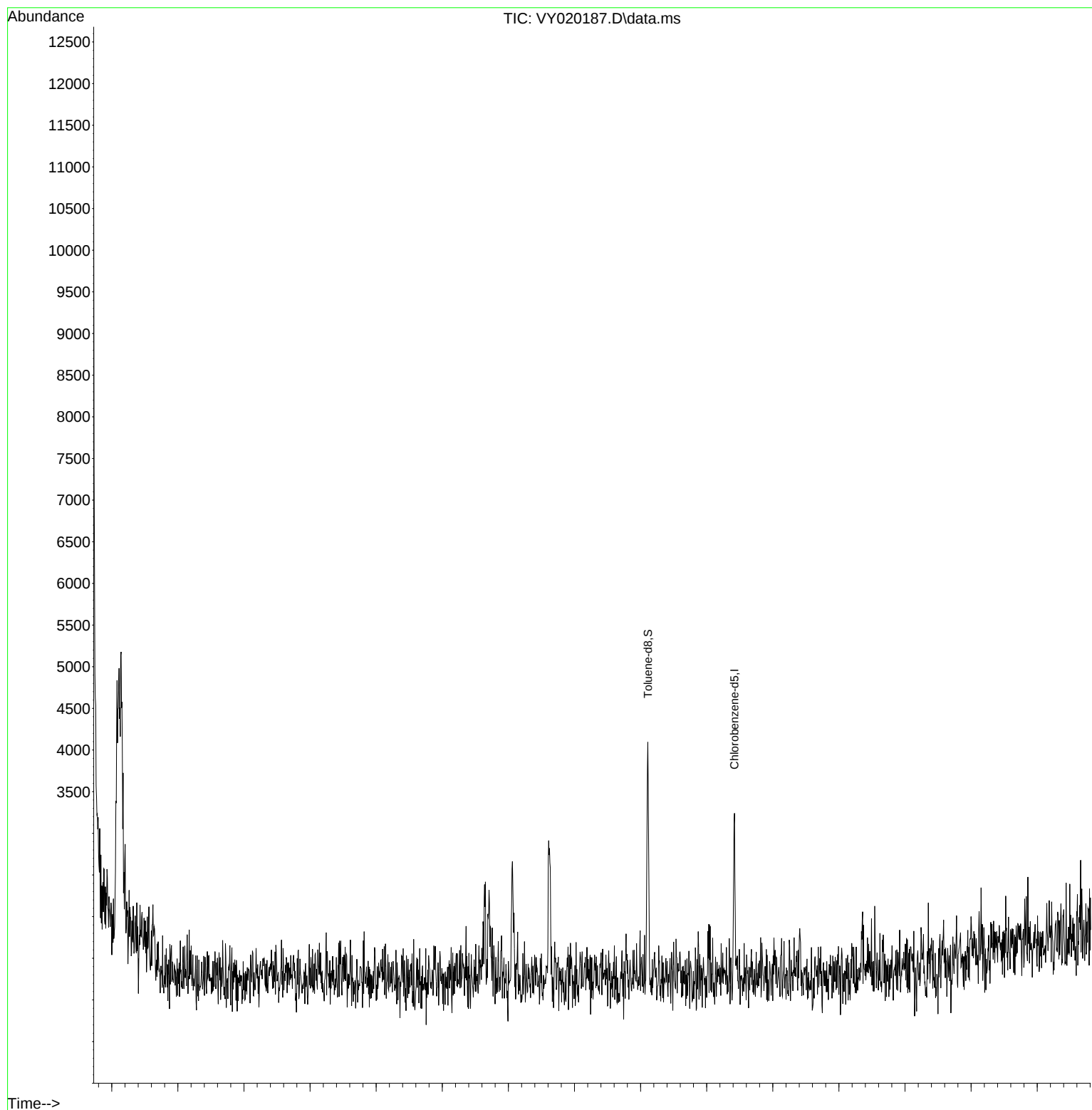
Target Compounds Qvalue

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

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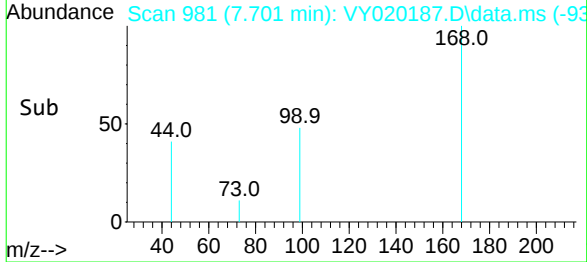
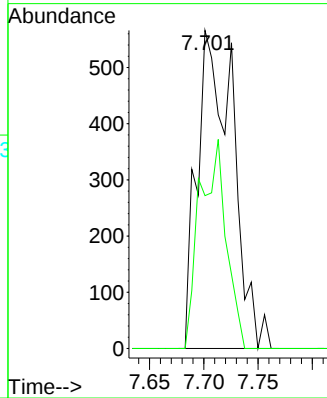
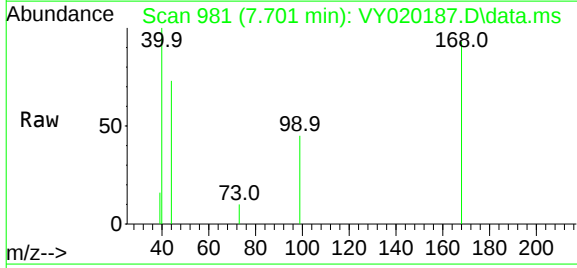




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020187.D
Acq: 06 Nov 2024 17:27

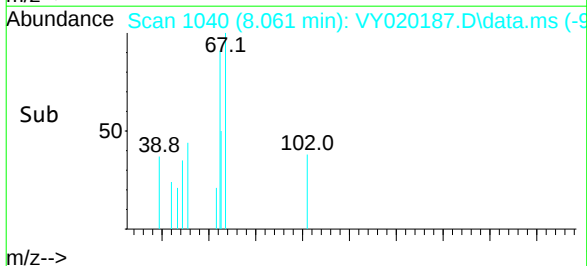
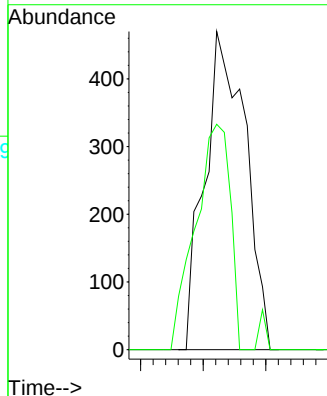
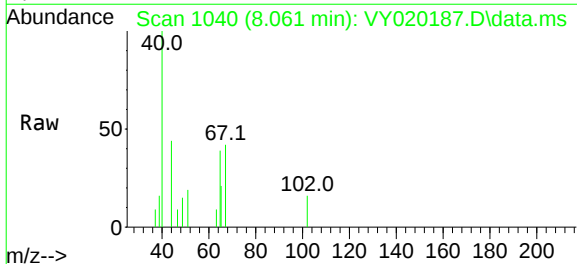
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

Tgt Ion: 168 Resp: 1297
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 65.854 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020187.D
Acq: 06 Nov 2024 17:27

Tgt Ion: 65 Resp: 1066
Ion Ratio Lower Upper
65 100
67 60.5 0.0 109.6

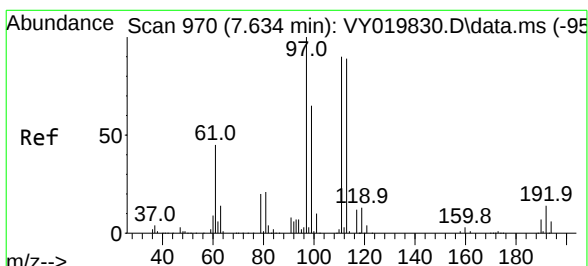
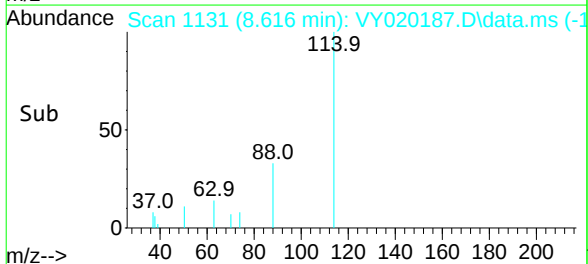
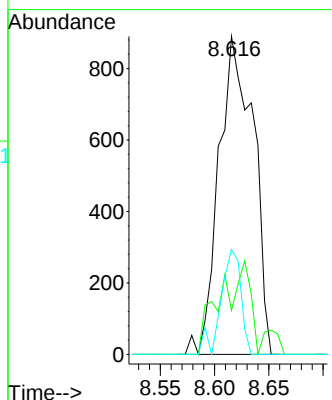
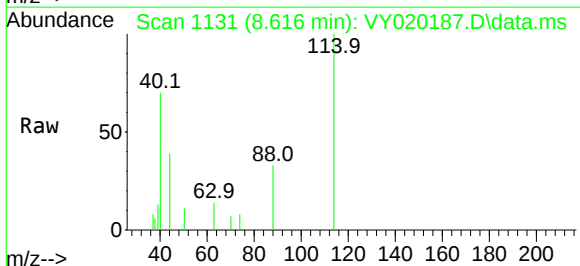




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020187.D
 Acq: 06 Nov 2024 17:27

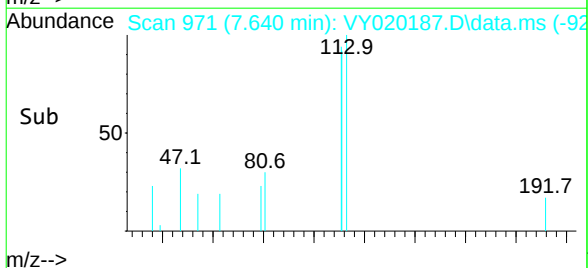
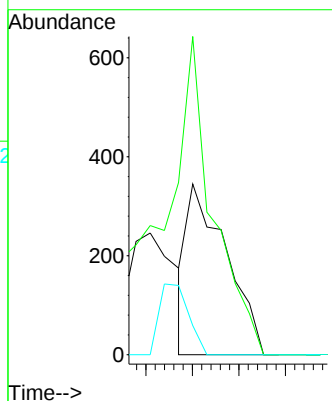
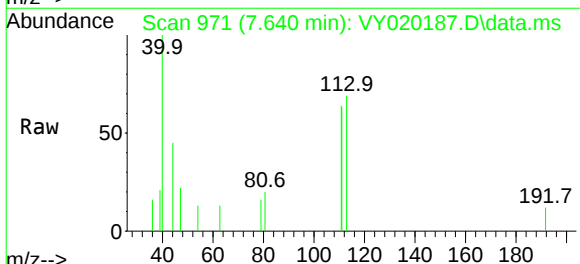
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

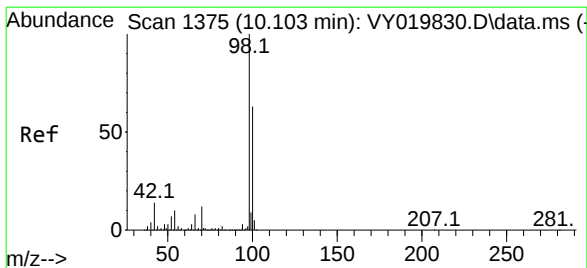
Tgt Ion:	114	Resp:	1970
Ion	Ratio	Lower	Upper
114	100		
63	13.8	0.0	35.0
88	33.0	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 32.415 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020187.D
 Acq: 06 Nov 2024 17:27

Tgt Ion:	113	Resp:	406
Ion	Ratio	Lower	Upper
113	100		
111	241.9	82.2	123.4
192	0.0	15.9	23.9





#50

Toluene-d8

Concen: 37.688 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020187.D

Acq: 06 Nov 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

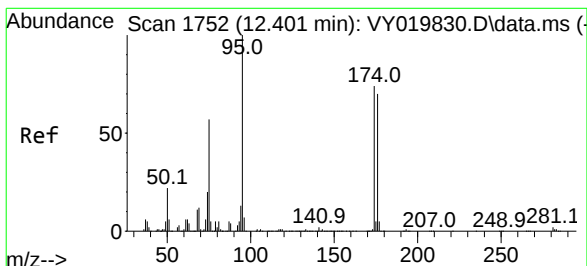
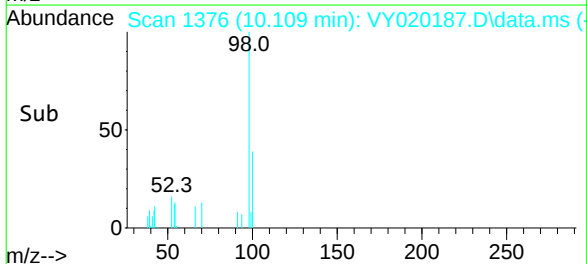
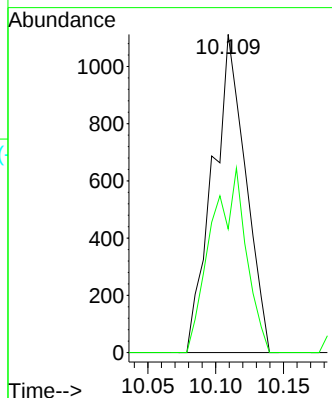
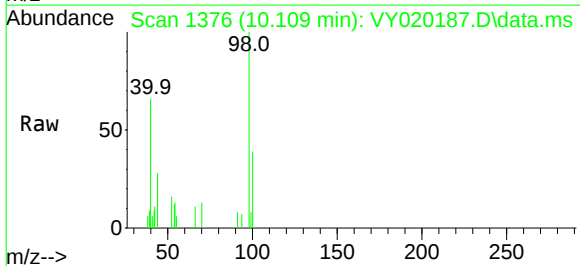
COMP-5

Tgt Ion: 98 Resp: 1879

Ion Ratio Lower Upper

98 100

100 61.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 15.932 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020187.D

Acq: 06 Nov 2024 17:27

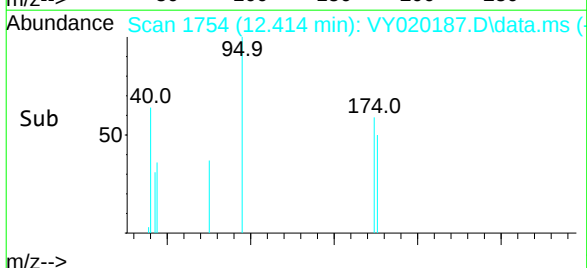
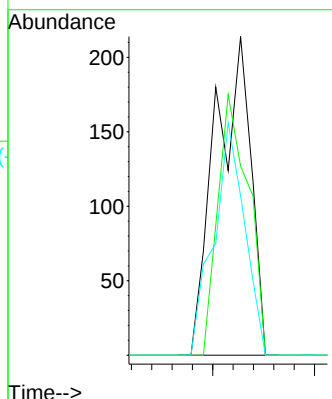
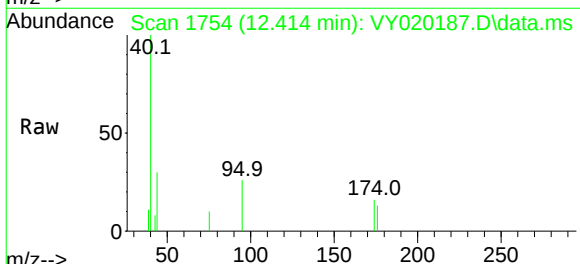
Tgt Ion: 95 Resp: 258

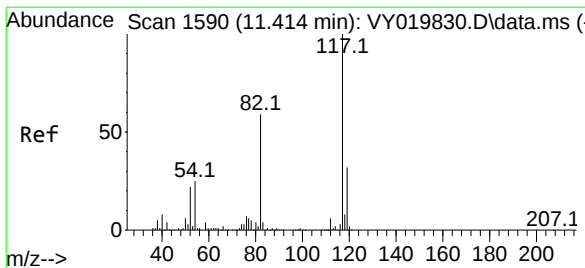
Ion Ratio Lower Upper

95 100

174 70.2 0.0 175.6

176 63.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020187.D

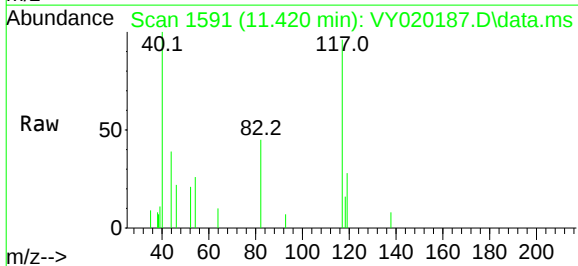
Acq: 06 Nov 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5



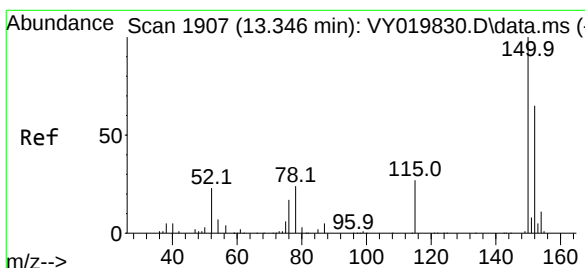
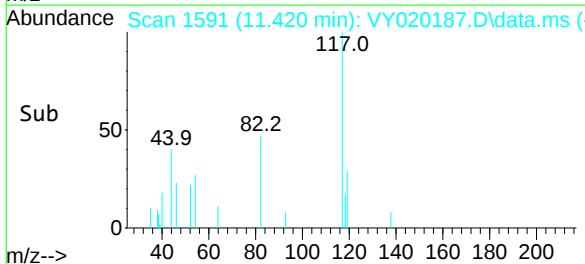
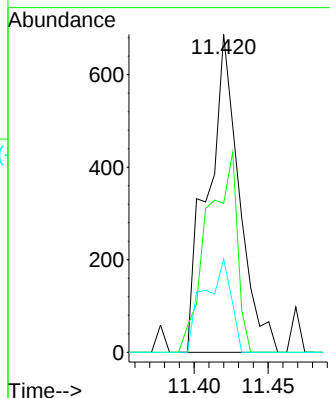
Tgt Ion:117 Resp: 1013

Ion Ratio Lower Upper

117 100

82 46.9 42.4 63.6

119 29.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020187.D

Acq: 06 Nov 2024 17:27

Tgt Ion:152 Resp: 134

Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 281.3 0.0 345.6

