

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019309.D
 Acq On : 28 Aug 2024 02:58
 Operator : SY/MD
 Sample : P3717-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Aug 28 03:36:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	77355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	142295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	133122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	51164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40489	52.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.440%
35) Dibromofluoromethane	7.622	113	46046	49.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.103	98	162287	48.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.408	95	48541	42.527	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.060%

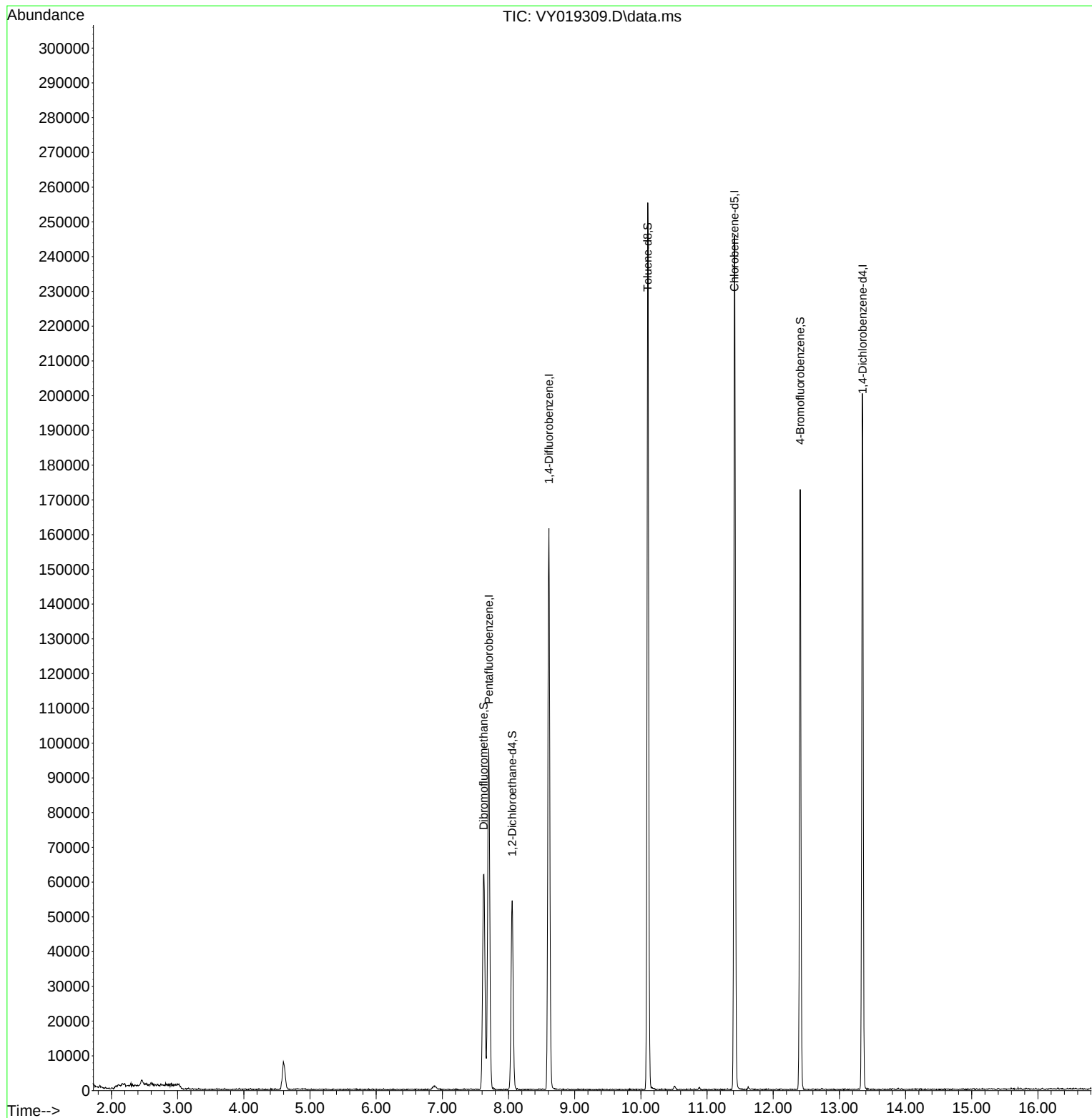
Target Compounds	Qvalue

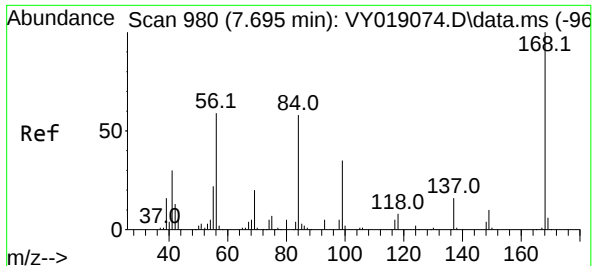
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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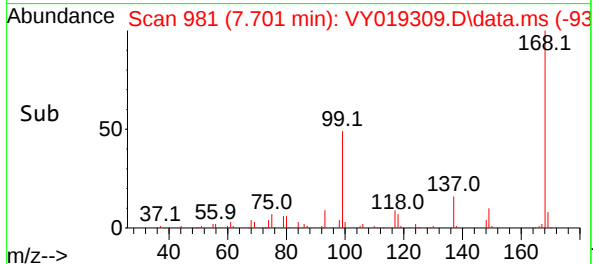
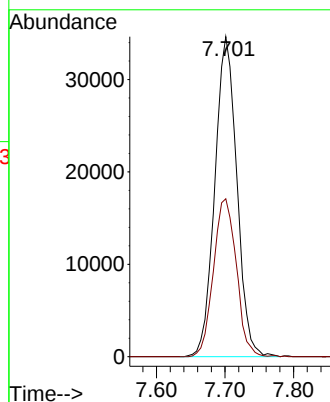
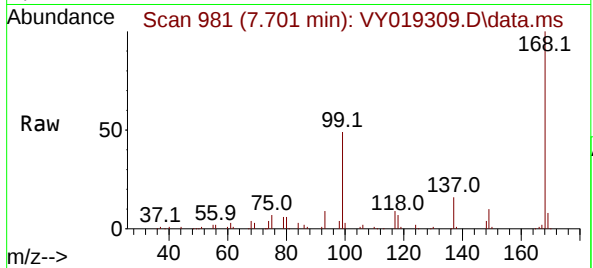




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019309.D
Acq: 28 Aug 2024 02:58

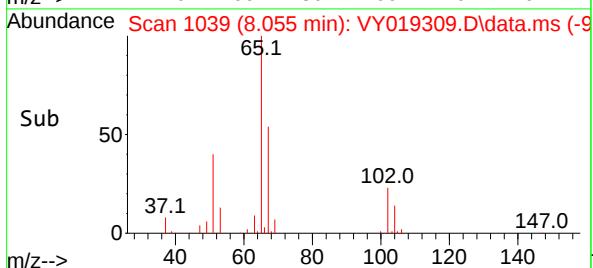
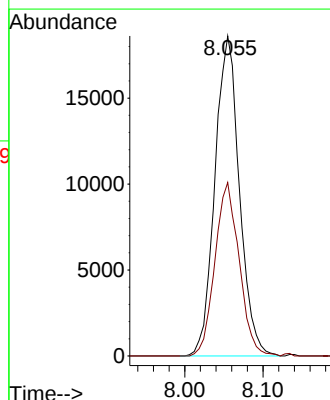
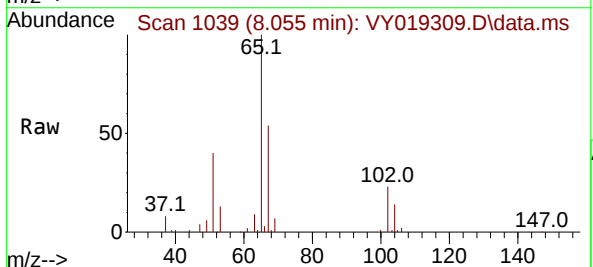
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 77355
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.215 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019309.D
Acq: 28 Aug 2024 02:58

Tgt Ion: 65 Resp: 40489
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019309.D

Acq: 28 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

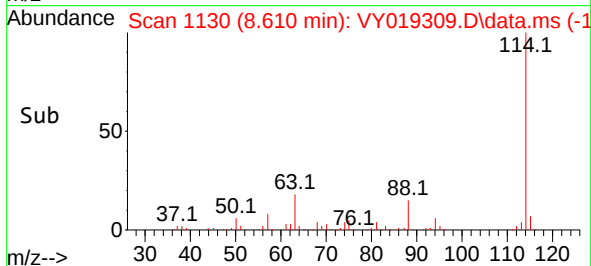
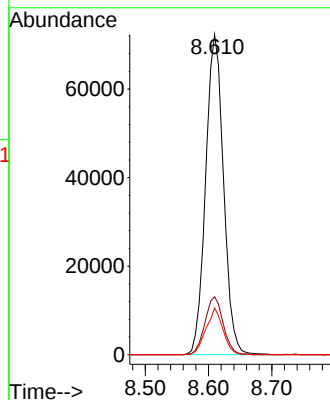
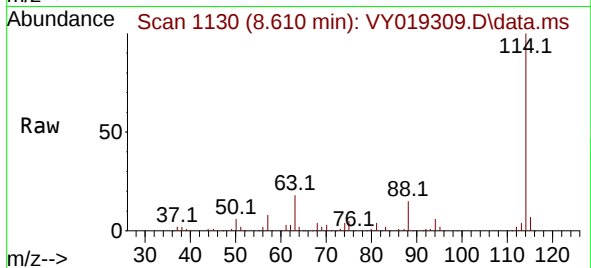
Tgt Ion:114 Resp: 142295

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.490 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019309.D

Acq: 28 Aug 2024 02:58

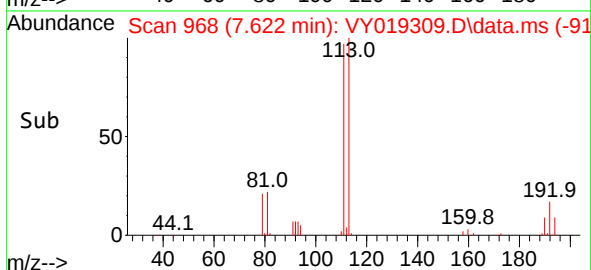
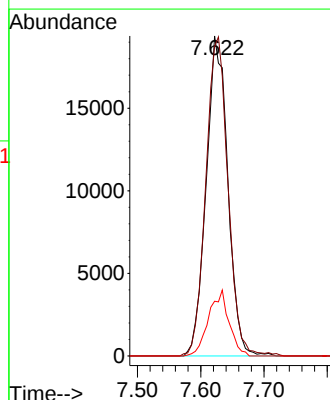
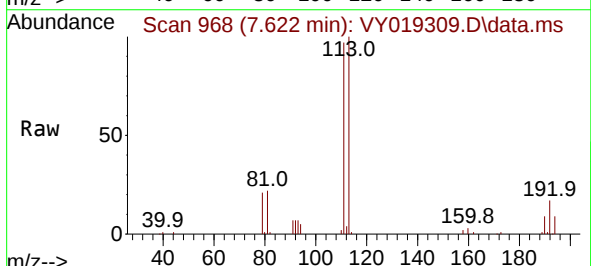
Tgt Ion:113 Resp: 46046

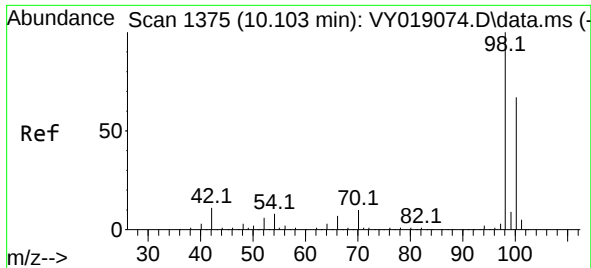
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 19.4 15.9 23.9

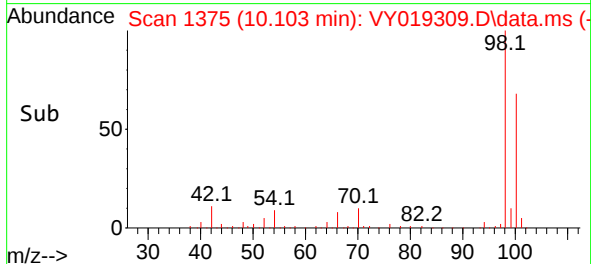
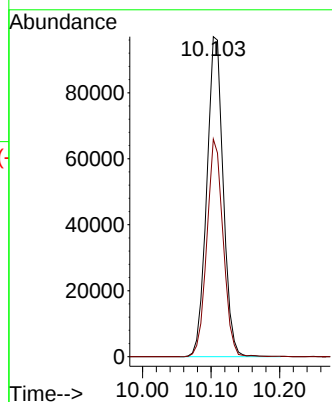
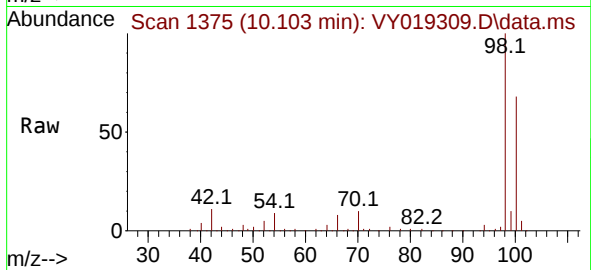




#50
Toluene-d8
Concen: 48.470 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019309.D
Acq: 28 Aug 2024 02:58

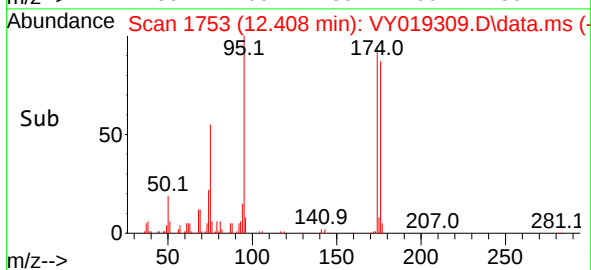
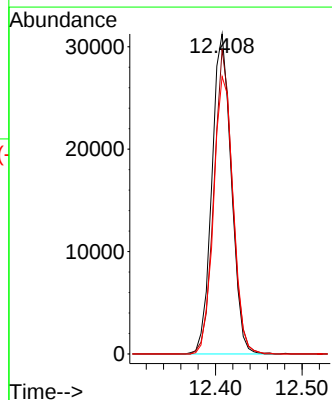
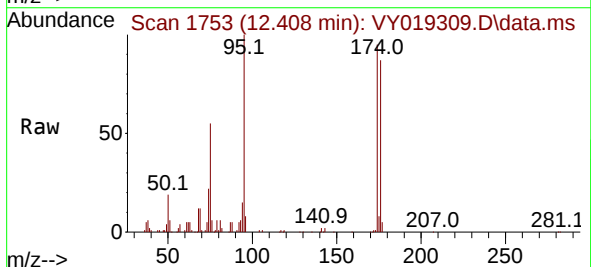
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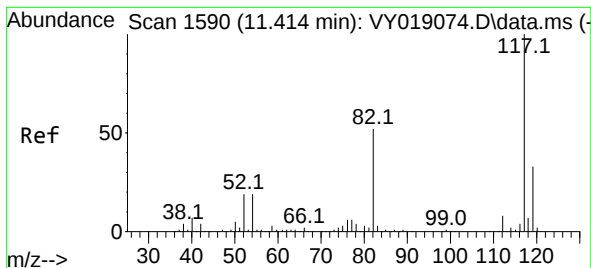
Tgt Ion: 98 Resp: 162287
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.527 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019309.D
Acq: 28 Aug 2024 02:58

Tgt Ion: 95 Resp: 48541
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 88.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019309.D

Acq: 28 Aug 2024 02:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

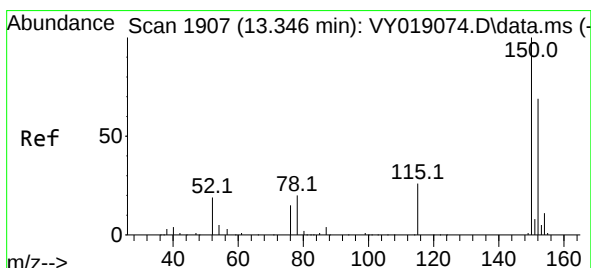
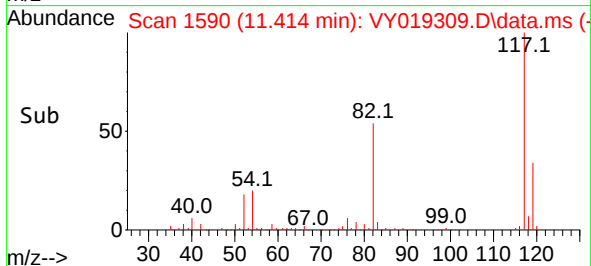
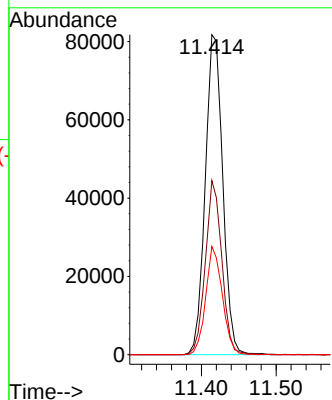
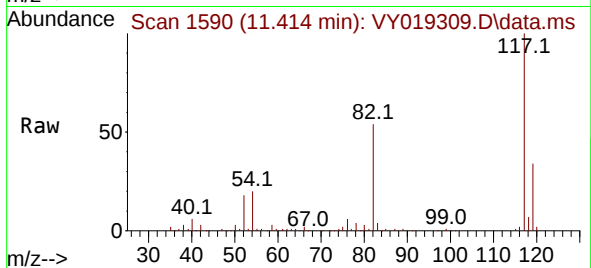
Tgt Ion:117 Resp: 133122

Ion Ratio Lower Upper

117 100

82 54.4 42.4 63.6

119 33.8 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: VY019309.D

Acq: 28 Aug 2024 02:58

Tgt Ion:152 Resp: 51164

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 157.6 0.0 345.6

