

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019709.D
 Acq On : 26 Sep 2024 13:28
 Operator : SY/MD
 Sample : P4192-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-222

Quant Time: Sep 27 02:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	315951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	613025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	545846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	199197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	193259	66.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.120%
35) Dibromofluoromethane	7.634	113	193949	55.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.600%
50) Toluene-d8	10.109	98	722267	56.182	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.360%
62) 4-Bromofluorobenzene	12.408	95	233573	47.251	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.500%

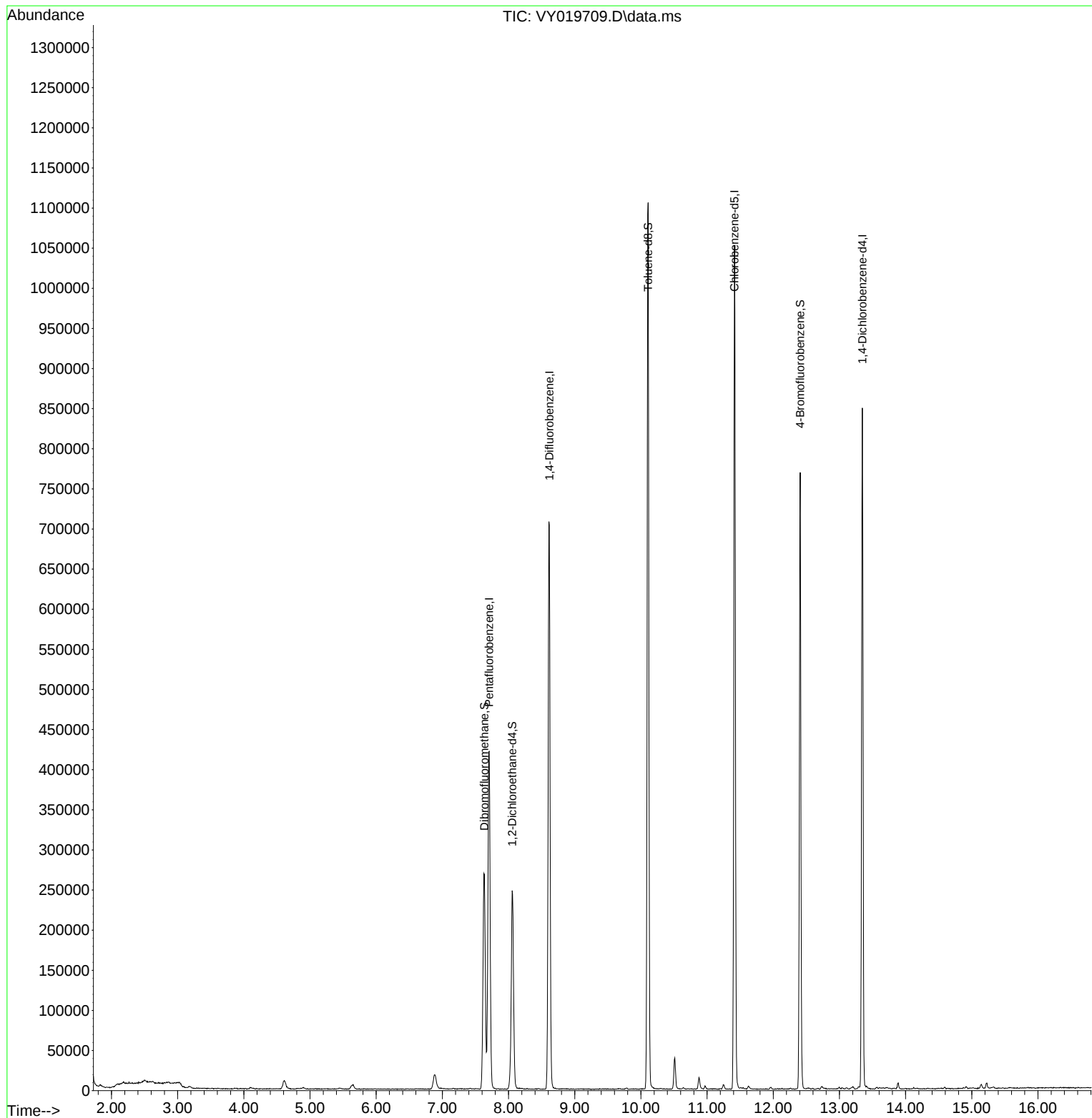
Target Compounds	Qvalue

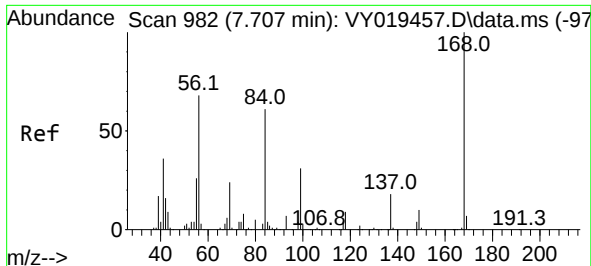
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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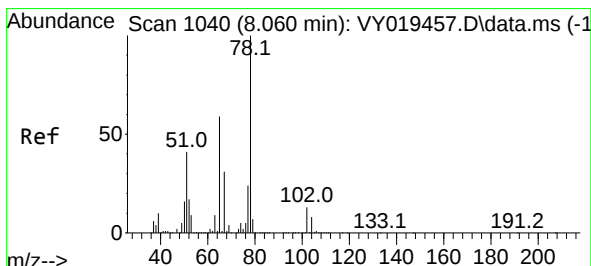
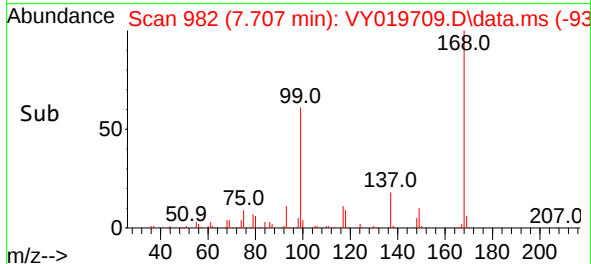
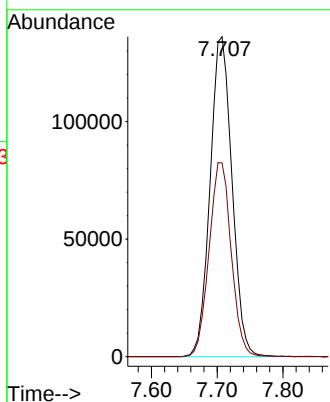
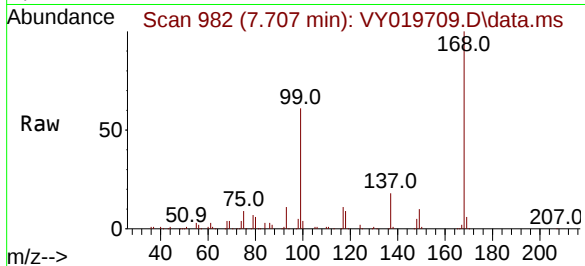




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

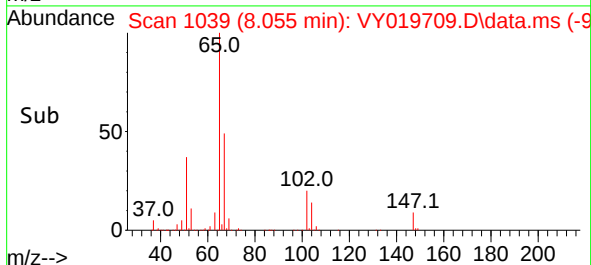
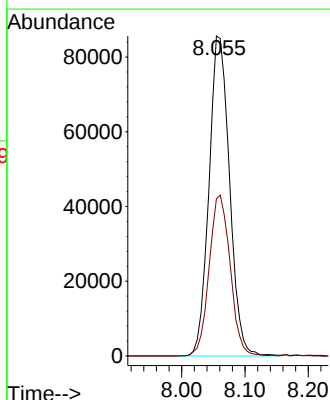
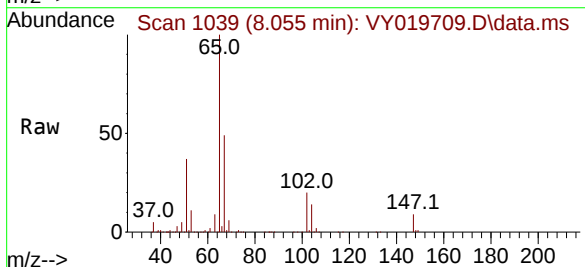
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-222

Tgt Ion:168 Resp: 315951
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.057 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion: 65 Resp: 193259
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

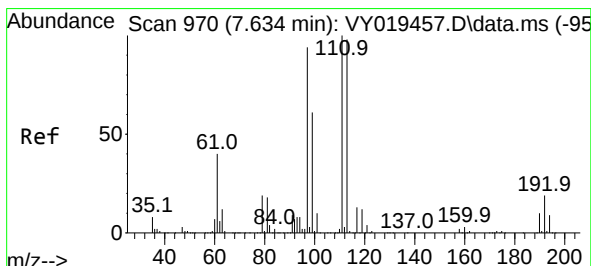
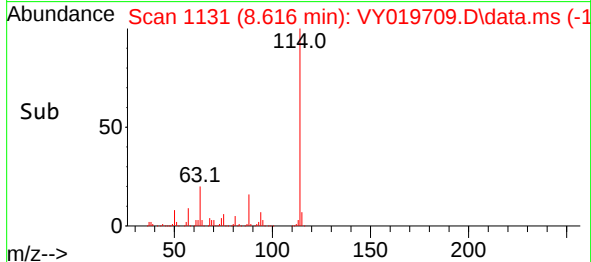
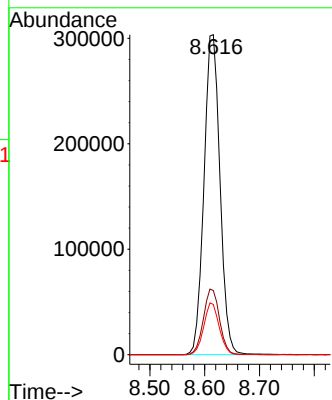
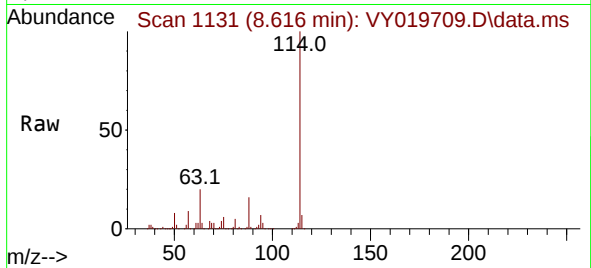




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

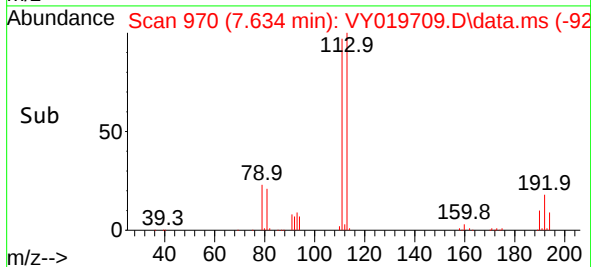
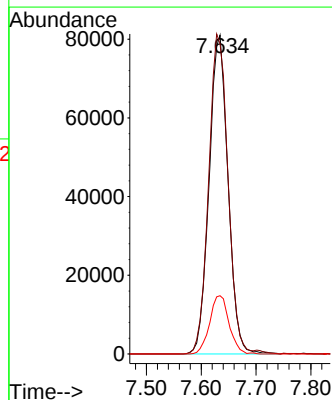
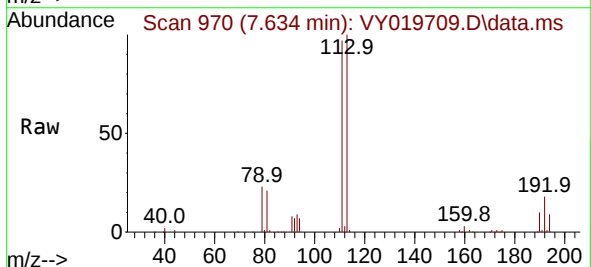
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-222

Tgt Ion:114 Resp: 613025
Ion Ratio Lower Upper
114 100
63 20.1 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.801 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion:113 Resp: 193949
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 18.8 15.9 23.9

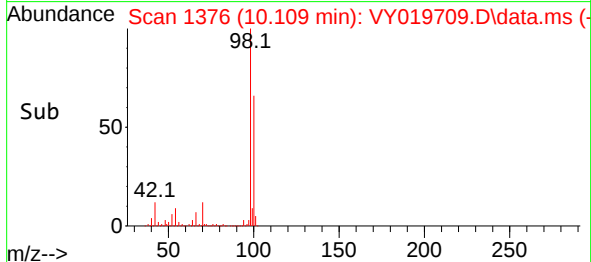
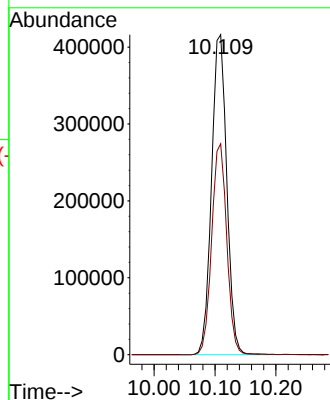
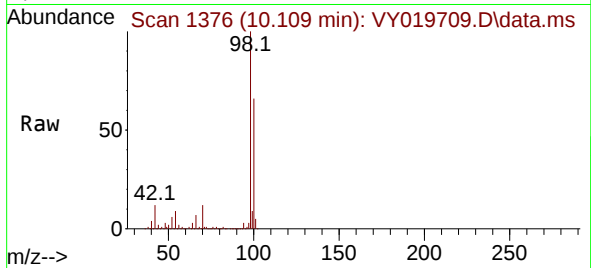




#50
Toluene-d8
Concen: 56.182 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

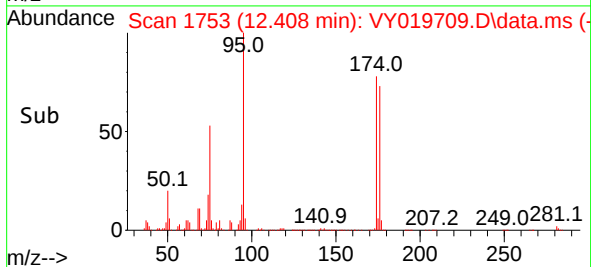
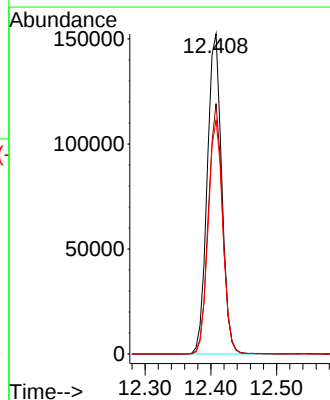
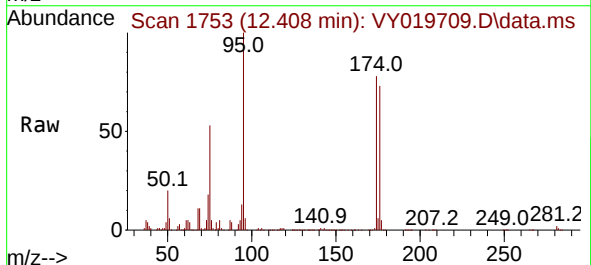
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-222

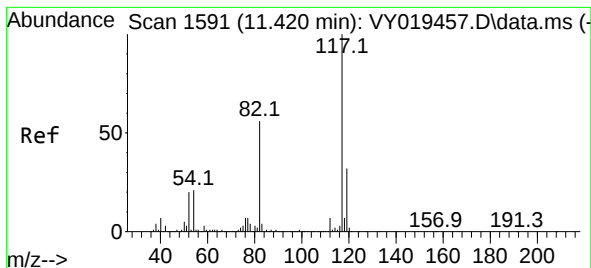
Tgt Ion: 98 Resp: 722267
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.251 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion: 95 Resp: 233573
Ion Ratio Lower Upper
95 100
174 77.0 0.0 175.6
176 73.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019709.D

Acq: 26 Sep 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-222

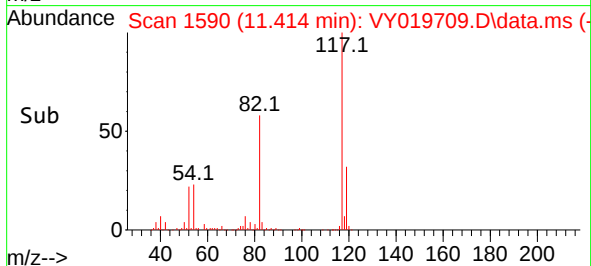
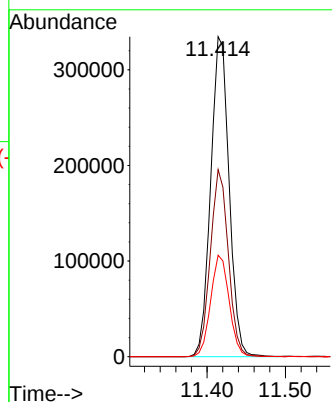
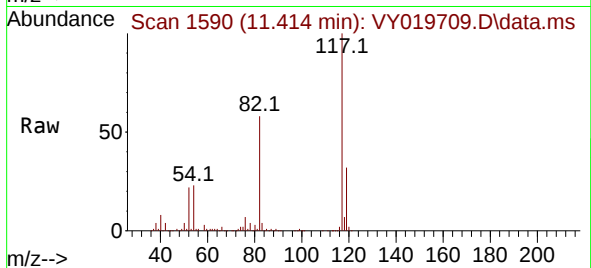
Tgt Ion:117 Resp: 545846

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 31.7 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: VY019709.D

Acq: 26 Sep 2024 13:28

Tgt Ion:152 Resp: 199197

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 159.5 0.0 345.6

