

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020026.D
 Acq On : 25 Oct 2024 15:09
 Operator : SY/MD
 Sample : P4545-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215

Quant Time: Oct 26 00:22:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	183812	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	385462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	341816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106260	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	130358	57.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.634	113	126523	49.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.109	98	472262	50.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.408	95	134923	39.753	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.500%

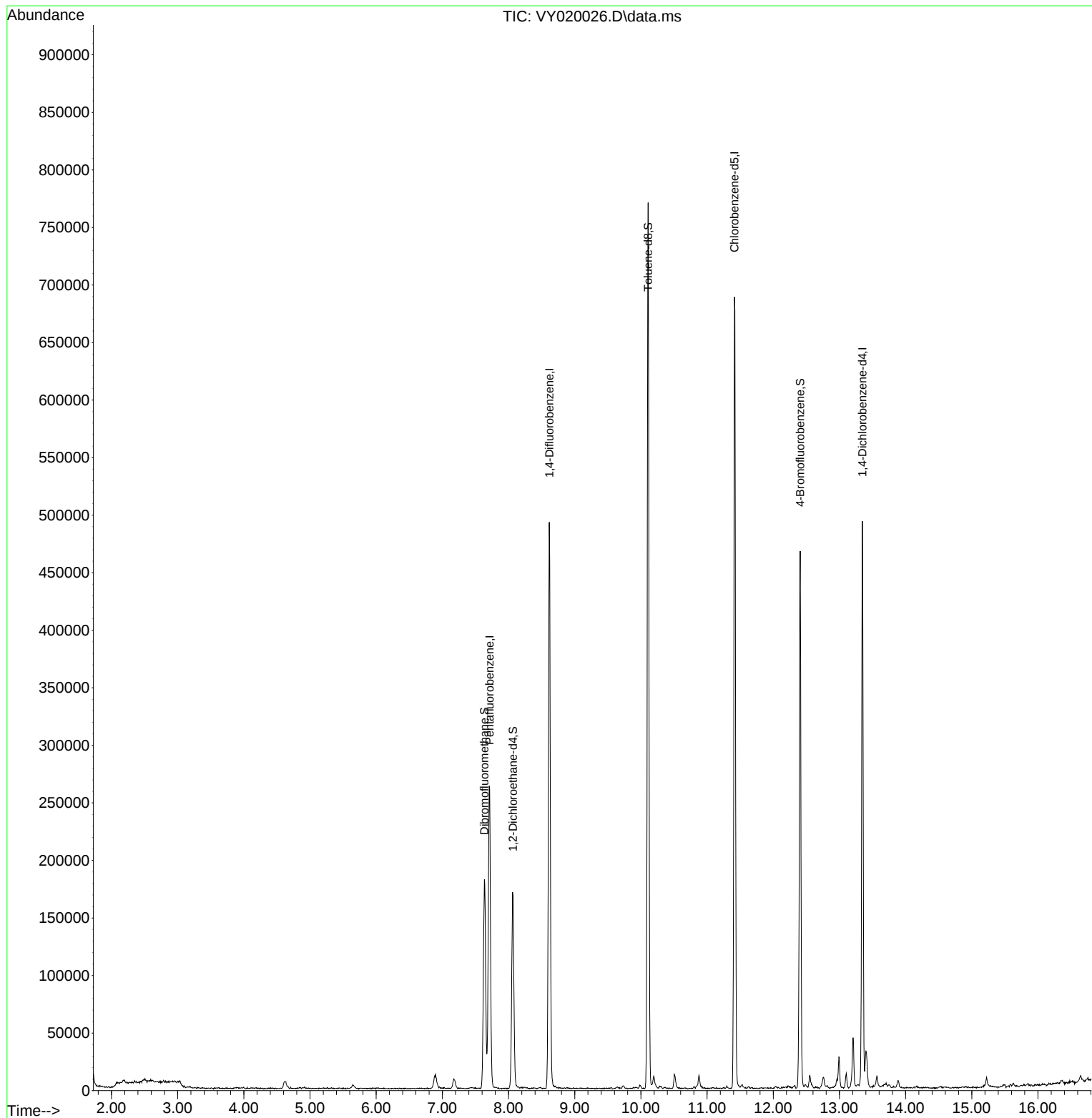
Target Compounds	Qvalue

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

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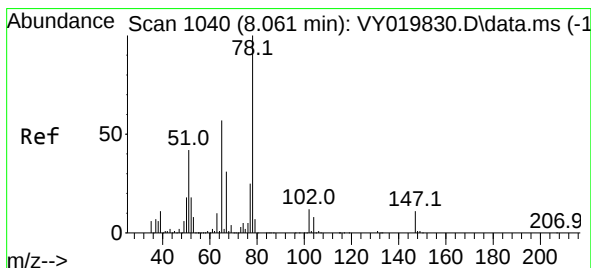
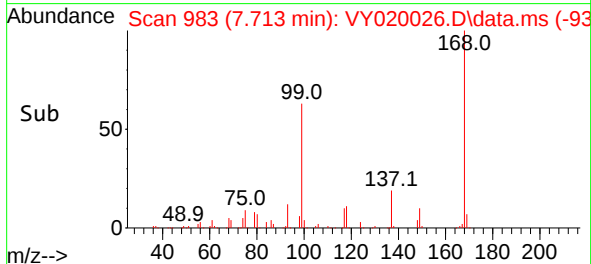
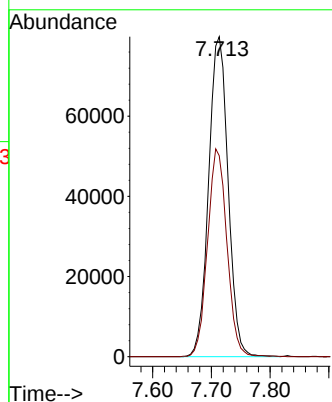
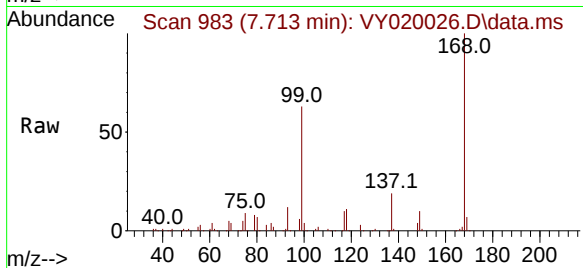




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

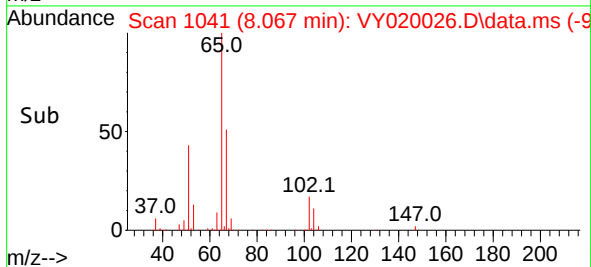
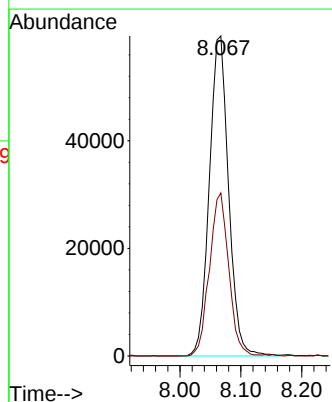
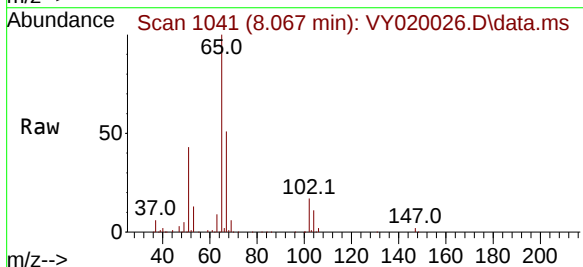
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

Tgt Ion:168 Resp: 183812
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.597 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 65 Resp: 130358
Ion Ratio Lower Upper
65 100
67 51.1 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: VY020026.D

Acq: 25 Oct 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-215

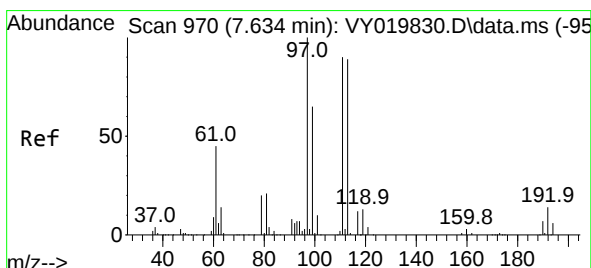
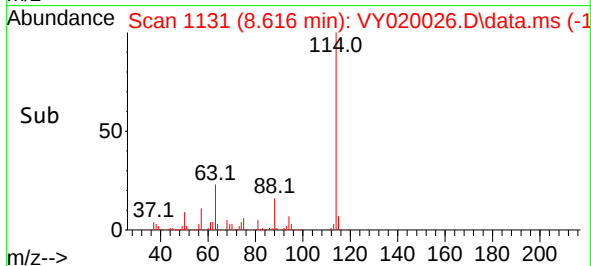
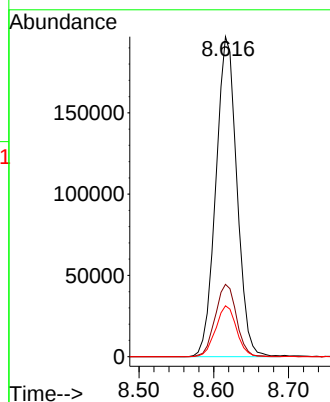
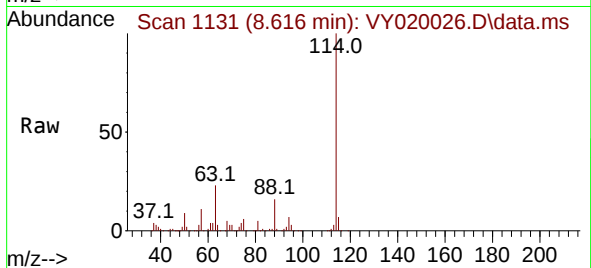
Tgt Ion:114 Resp: 385462

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.741 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020026.D

Acq: 25 Oct 2024 15:09

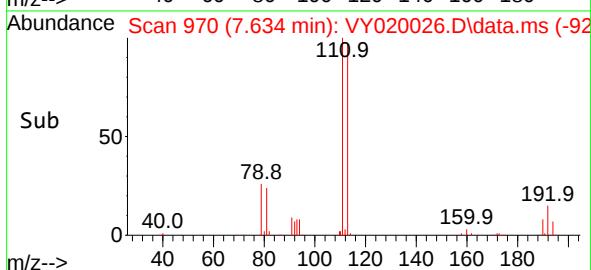
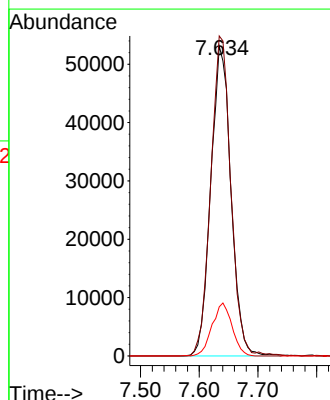
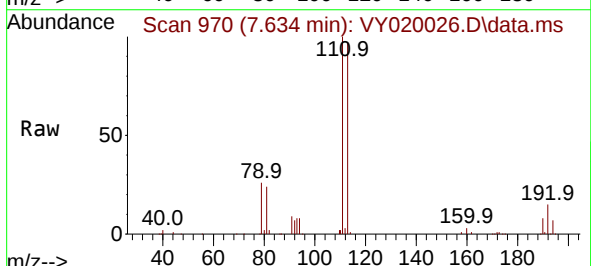
Tgt Ion:113 Resp: 126523

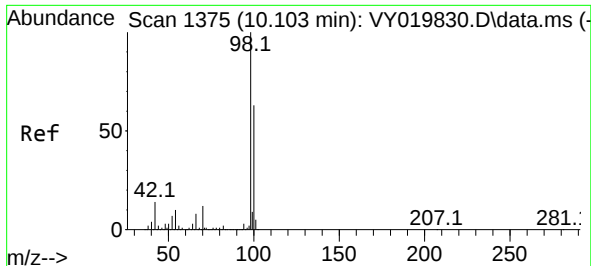
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.0 15.9 23.9

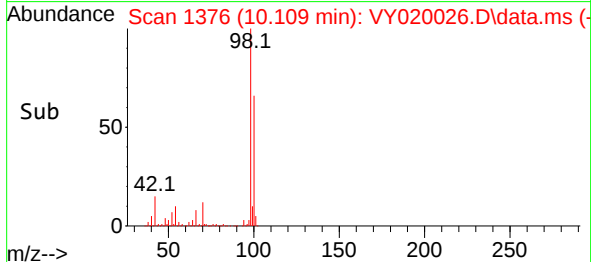
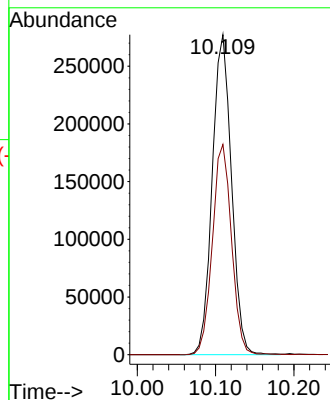
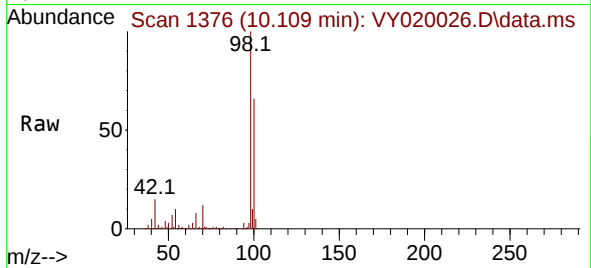




#50
Toluene-d8
Concen: 50.277 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

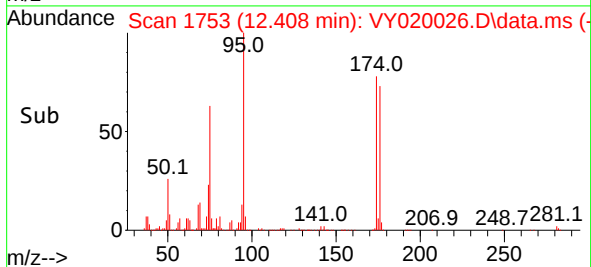
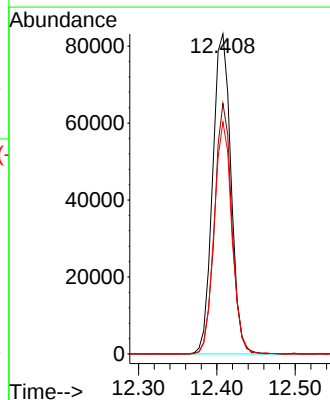
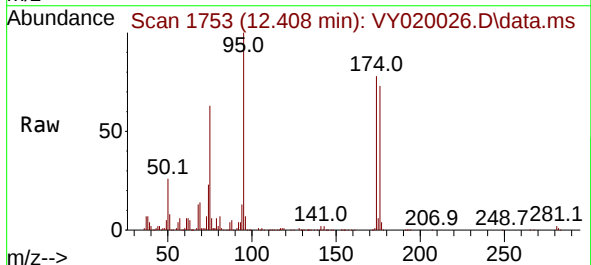
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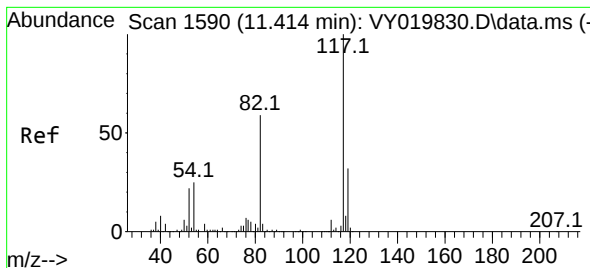
Tgt Ion: 98 Resp: 472262
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.753 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 95 Resp: 134923
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 70.4 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: VY020026.D

Acq: 25 Oct 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-215

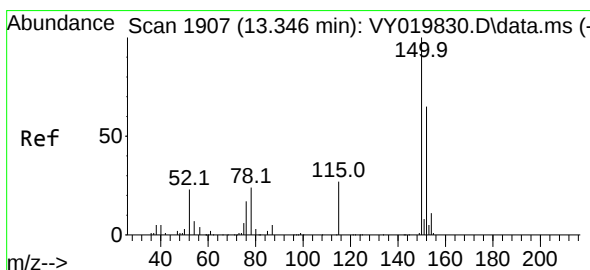
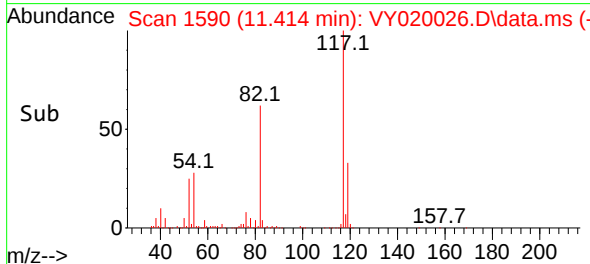
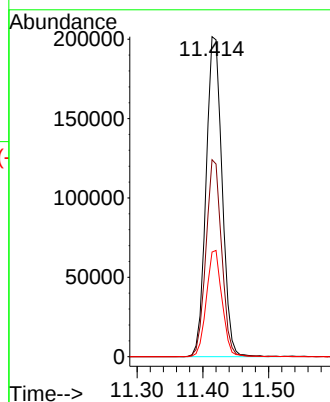
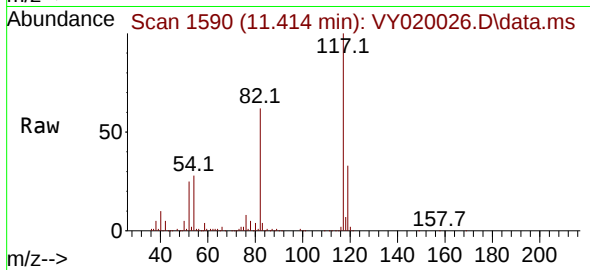
Tgt Ion:117 Resp: 341816

Ion Ratio Lower Upper

117 100

82 61.6 42.4 63.6

119 32.7 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: VY020026.D

Acq: 25 Oct 2024 15:09

Tgt Ion:152 Resp: 106260

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 156.3 0.0 345.6

