

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020002.D
 Acq On : 24 Oct 2024 10:58
 Operator : SY/MD
 Sample : VY1024SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBL01

Quant Time: Oct 25 01:37:54 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	7.707	168	208622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	385664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	143120	55.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.440%
35) Dibromofluoromethane	7.634	113	143602	48.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.109	98	545890	50.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.408	95	155950	39.813	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.620%

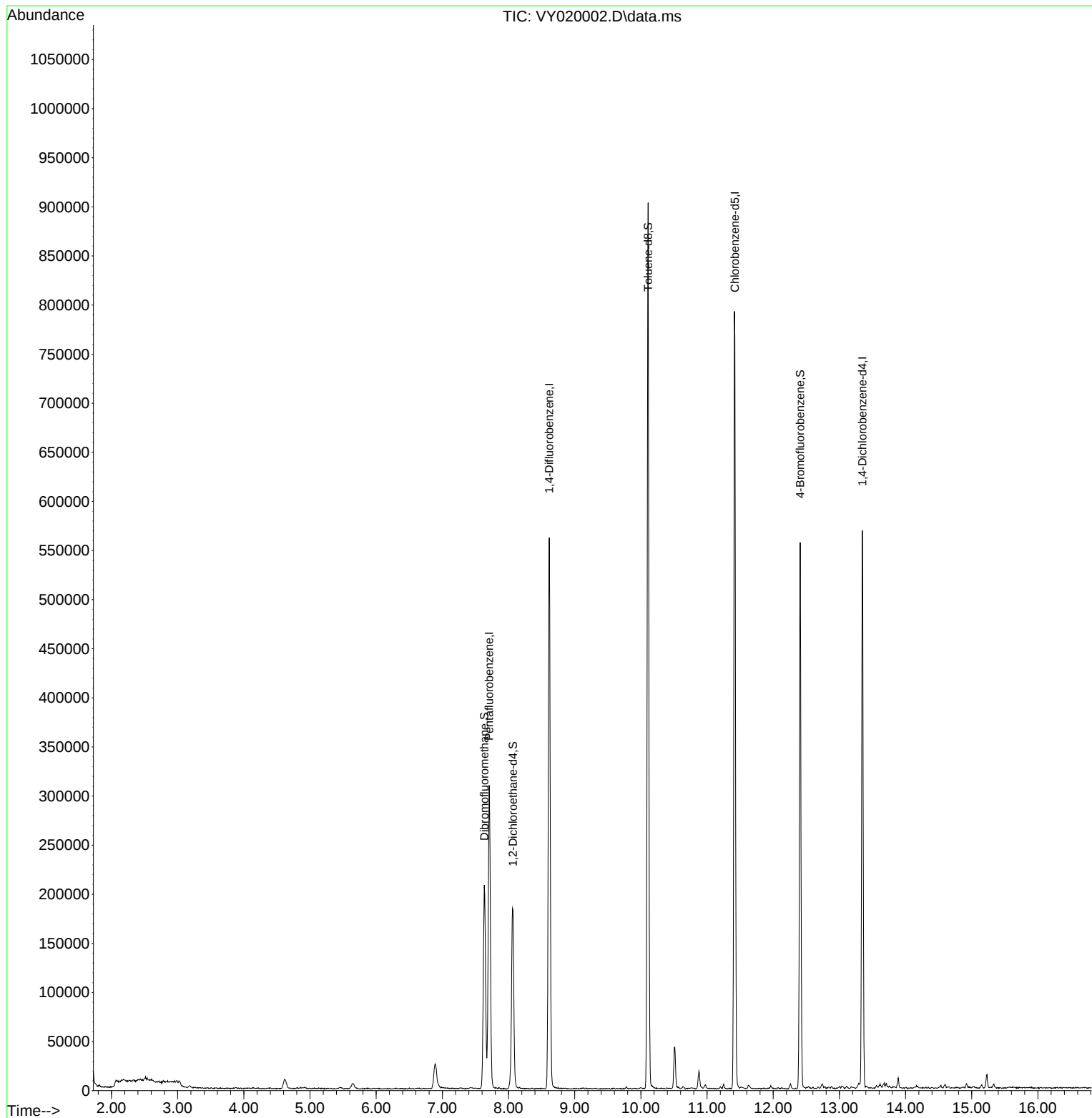
Target Compounds	Qvalue

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

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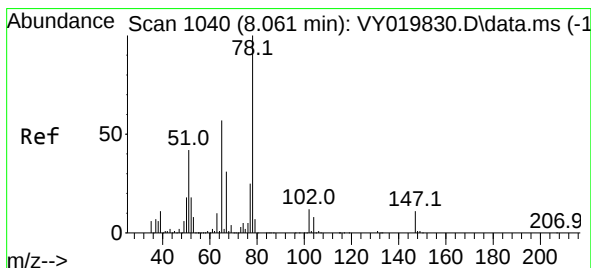
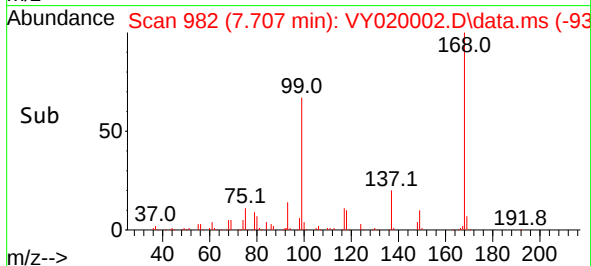
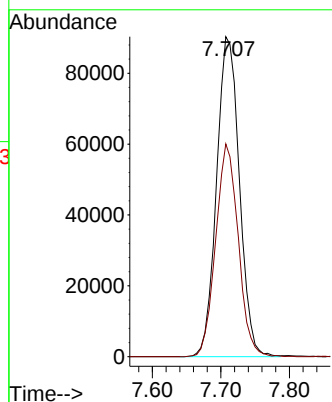
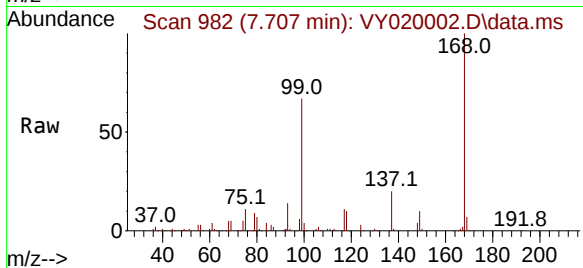




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

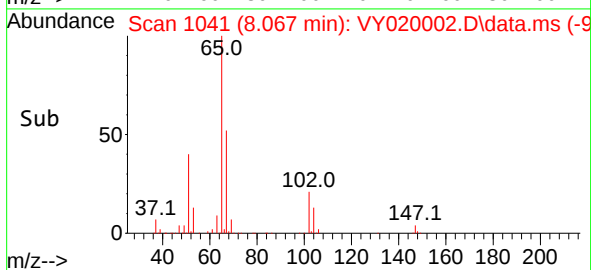
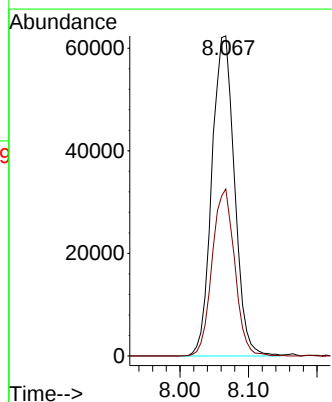
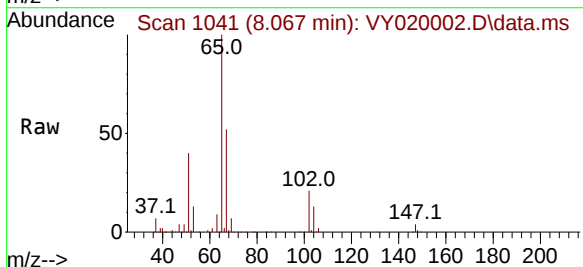
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

Tgt Ion:168 Resp: 208622
Ion Ratio Lower Upper
168 100
99 66.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.716 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

Tgt Ion: 65 Resp: 143120
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6

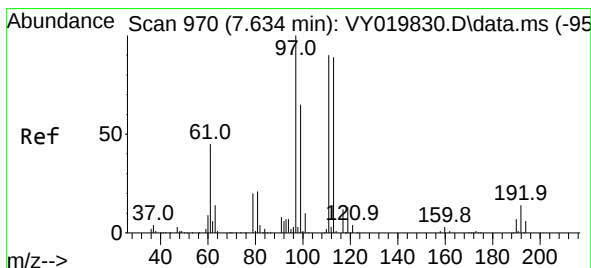
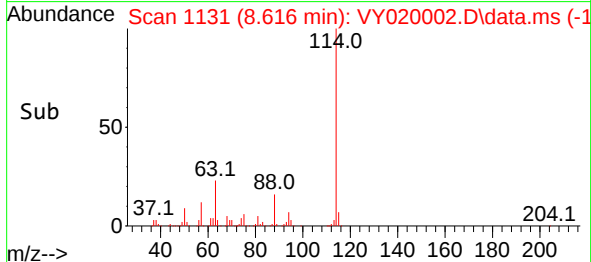
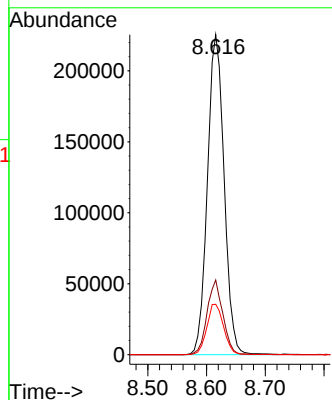
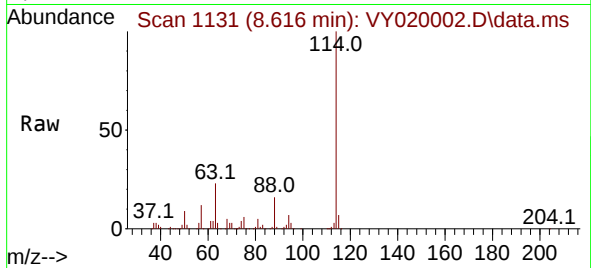




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

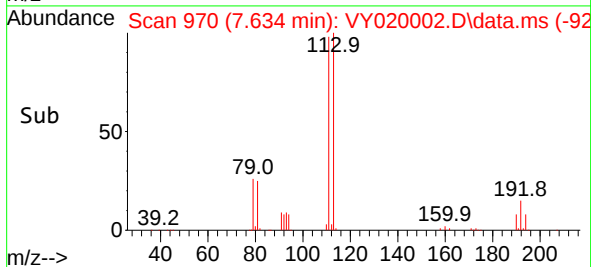
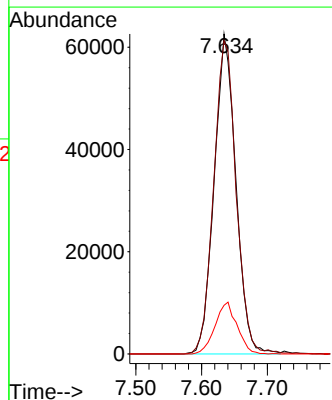
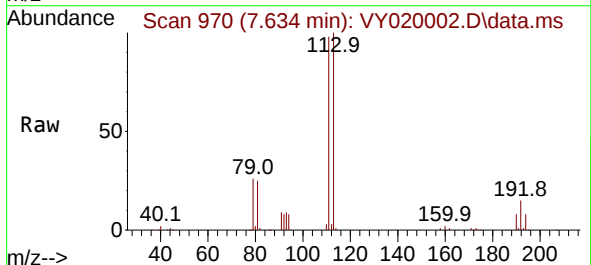
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBL01

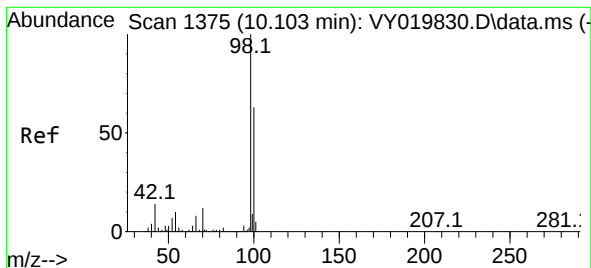
Tgt Ion:114 Resp: 444864
Ion Ratio Lower Upper
114 100
63 23.3 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.917 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

Tgt Ion:113 Resp: 143602
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 16.4 15.9 23.9





#50

Toluene-d8

Concen: 50.355 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

Instrument :

MSVOA_Y

ClientSampleId :

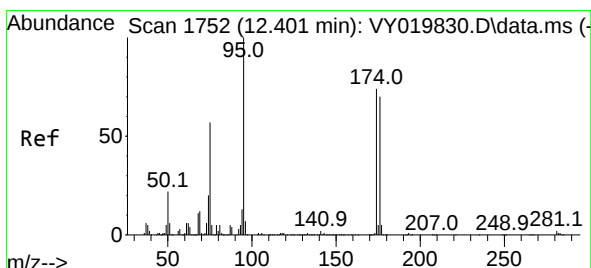
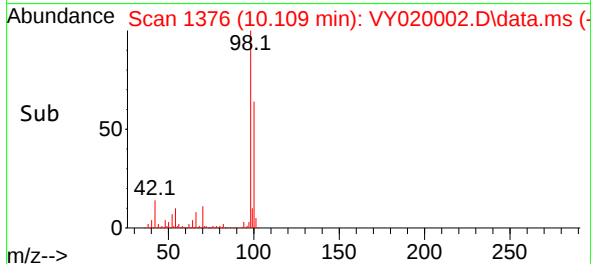
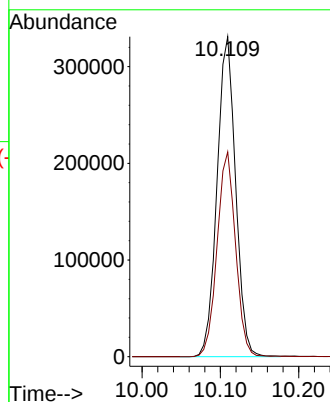
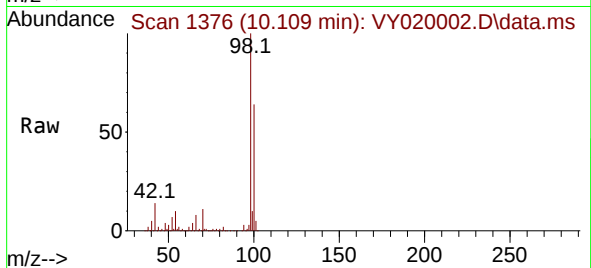
VY1024SBL01

Tgt Ion: 98 Resp: 545890

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.813 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

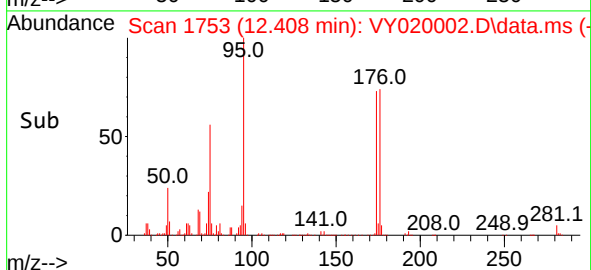
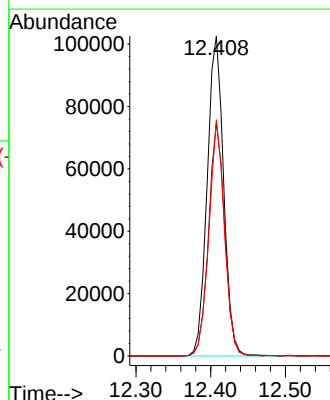
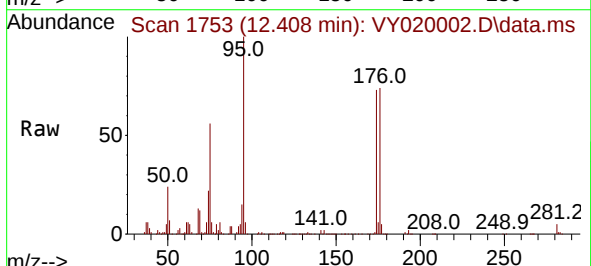
Tgt Ion: 95 Resp: 155950

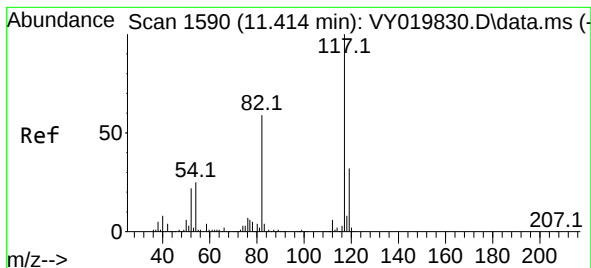
Ion Ratio Lower Upper

95 100

174 71.8 0.0 175.6

176 69.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBL01

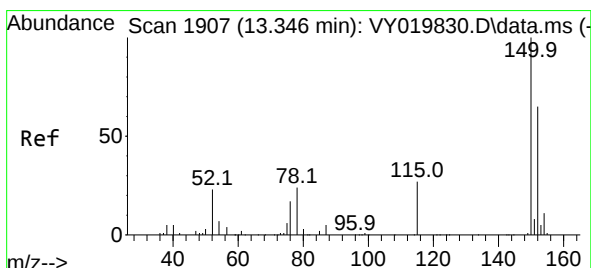
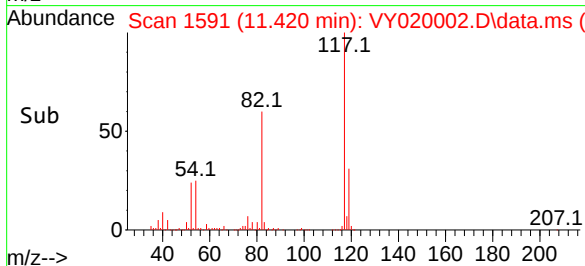
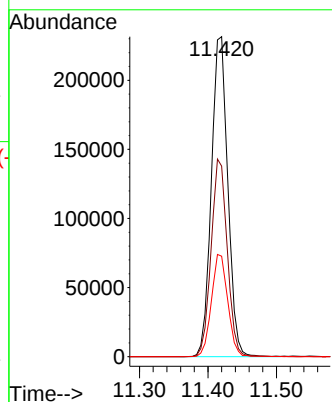
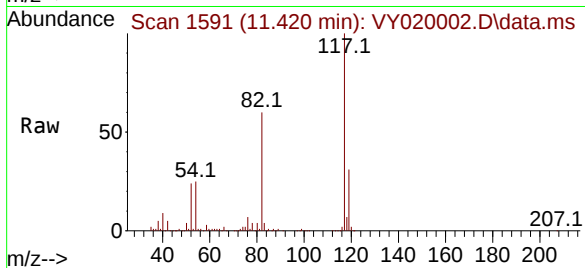
Tgt Ion:117 Resp: 385664

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 31.4 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: VY020002.D

Acq: 24 Oct 2024 10:58

Tgt Ion:152 Resp: 125898

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 157.3 0.0 345.6

