

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020255.D
 Acq On : 11 Nov 2024 17:56
 Operator : SY/MD
 Sample : P4796-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Nov 12 03:14:36 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	7.713	168	147905	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	322220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	107666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	114054	61.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.580%	
35) Dibromofluoromethane	7.634	113	108648	53.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.109	98	401266	49.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.408	95	124374	46.956	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.920%	

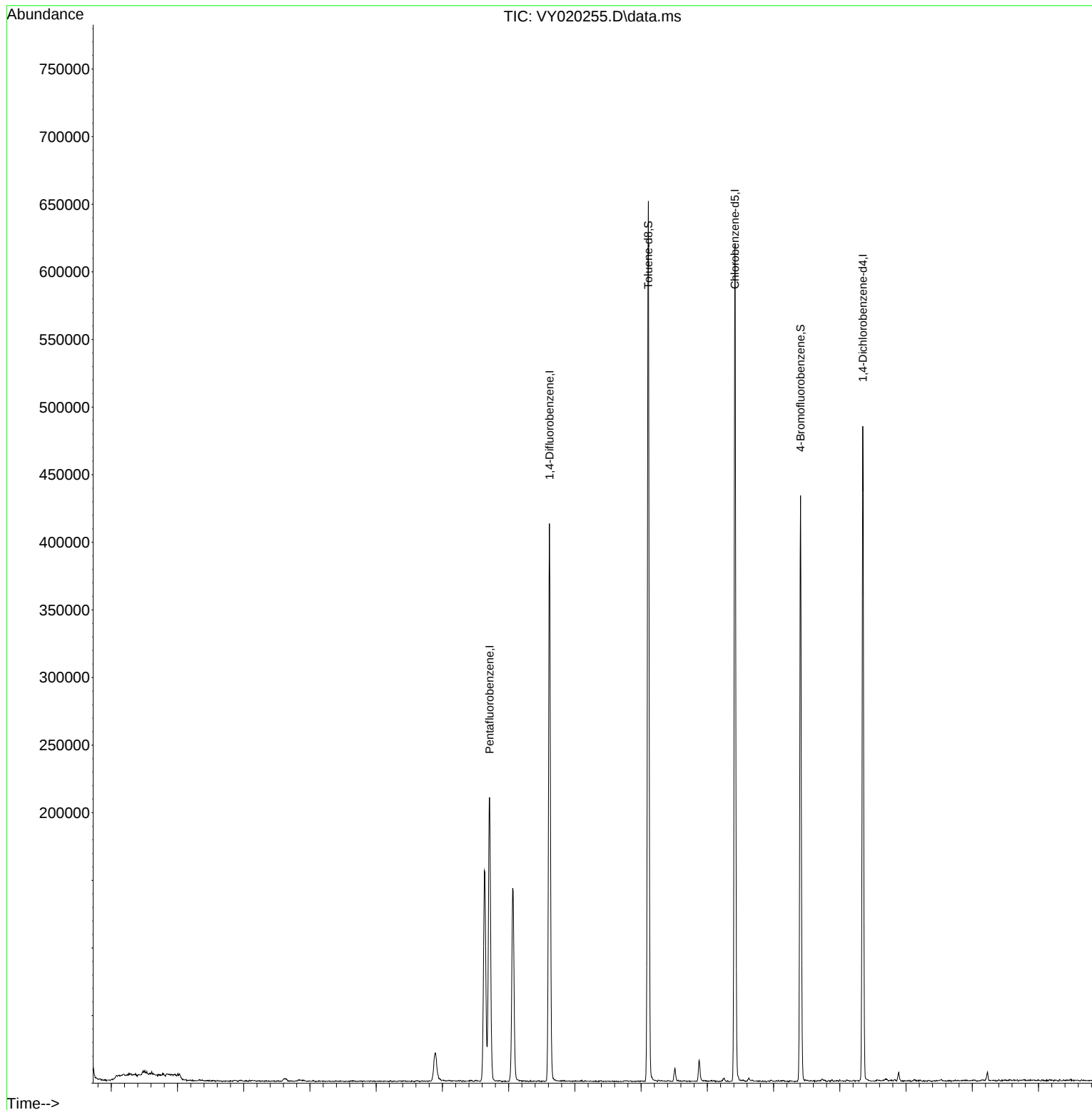
Target Compounds Qvalue

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

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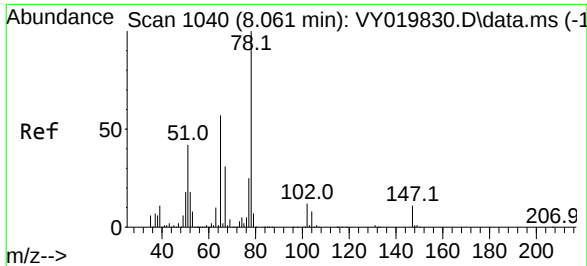
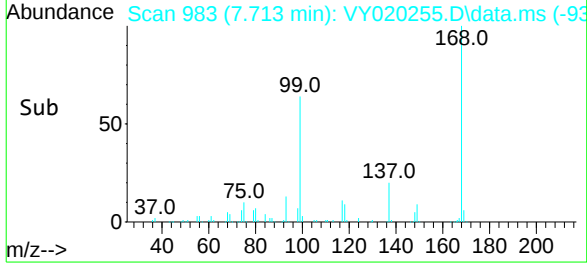
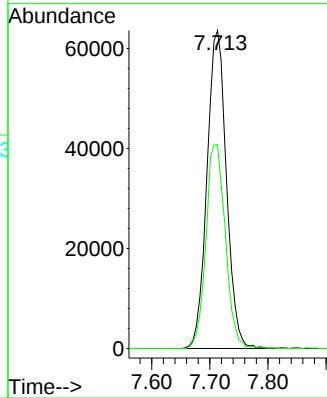
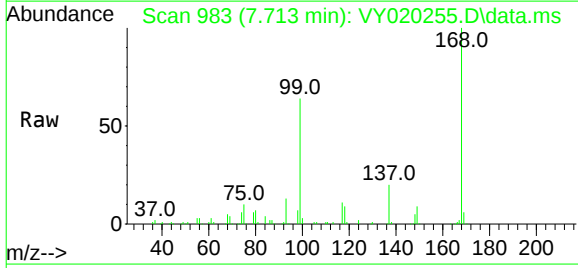




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020255.D
Acq: 11 Nov 2024 17:56

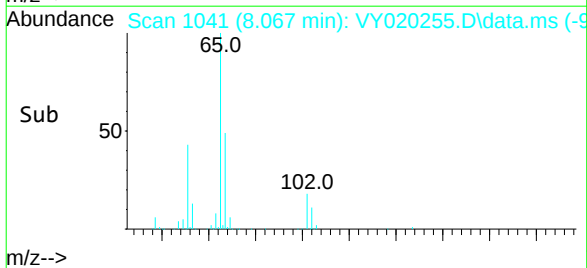
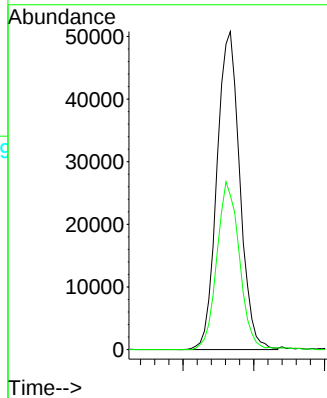
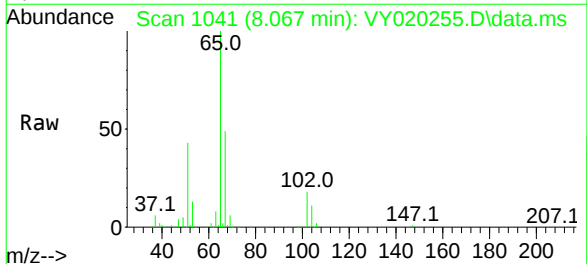
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 147905
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.786 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020255.D
Acq: 11 Nov 2024 17:56

Tgt Ion: 65 Resp: 114054
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

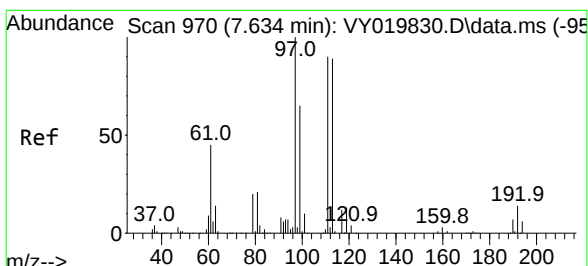
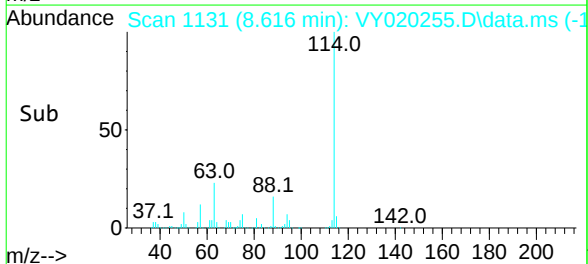
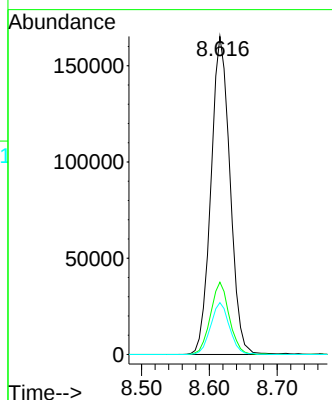
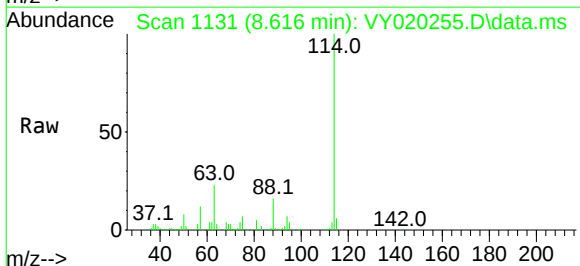




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020255.D
 Acq: 11 Nov 2024 17:56

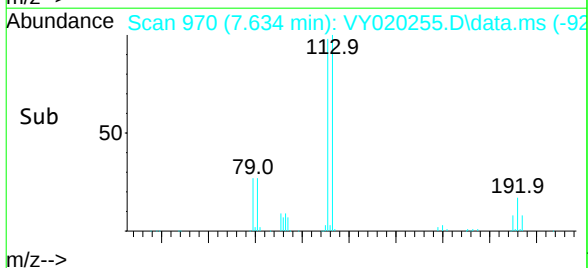
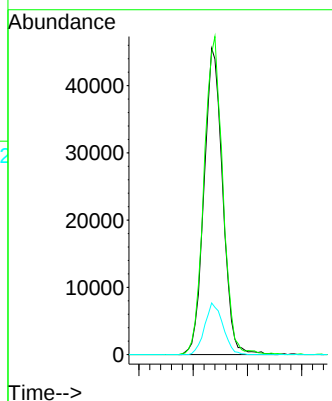
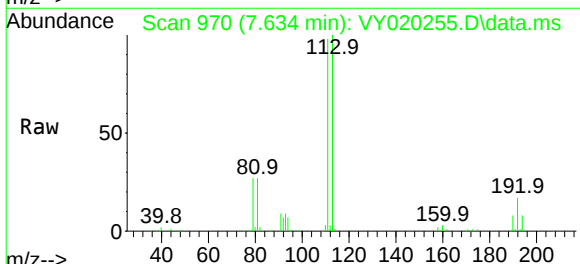
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

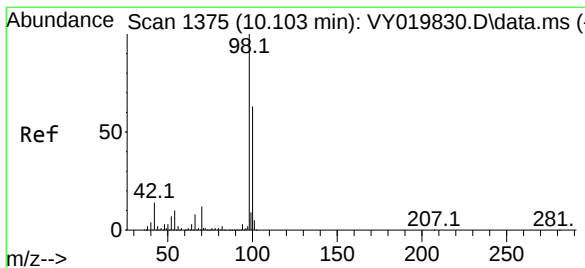
Tgt Ion:	114	Resp:	322220
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	35.0
88	16.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.034 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020255.D
 Acq: 11 Nov 2024 17:56

Tgt Ion:	113	Resp:	108648
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 49.207 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020255.D

Acq: 11 Nov 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

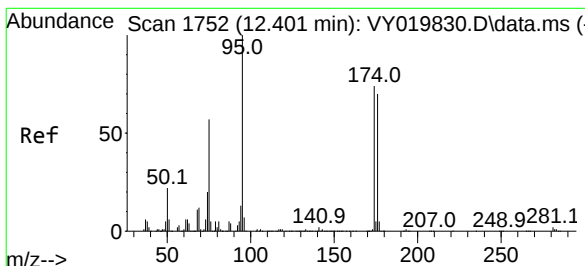
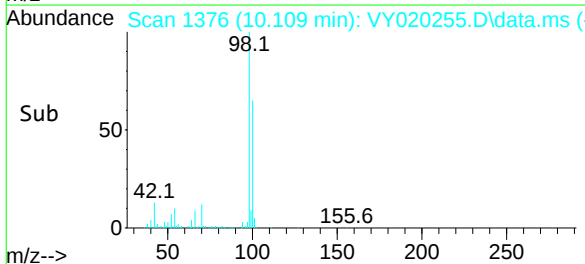
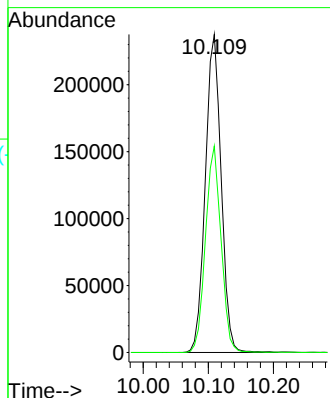
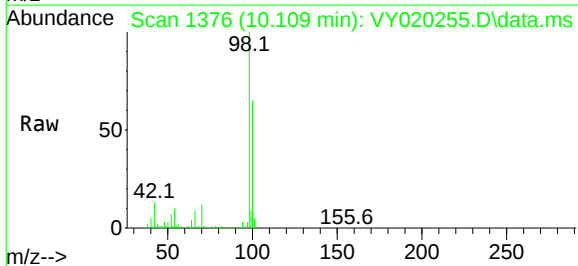
TP-1

Tgt Ion: 98 Resp: 401266

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.956 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020255.D

Acq: 11 Nov 2024 17:56

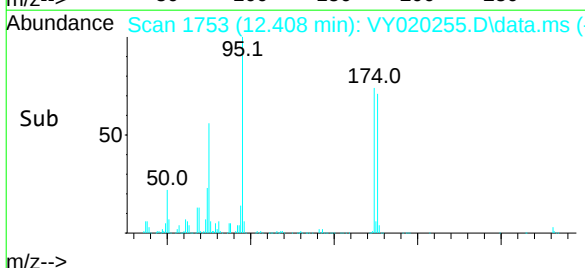
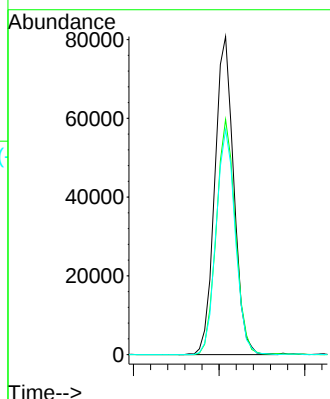
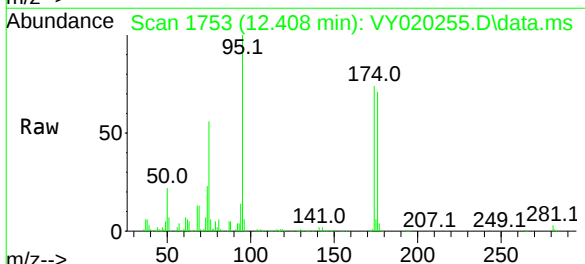
Tgt Ion: 95 Resp: 124374

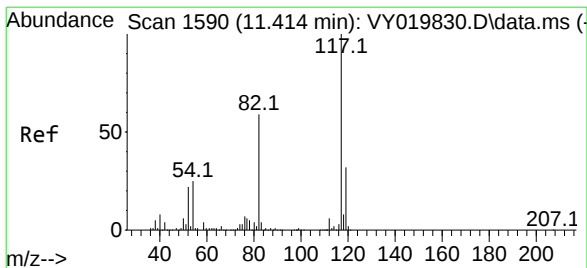
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020255.D

Acq: 11 Nov 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

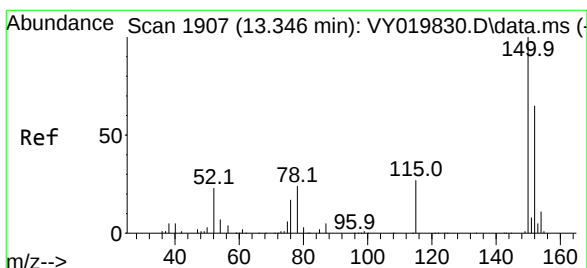
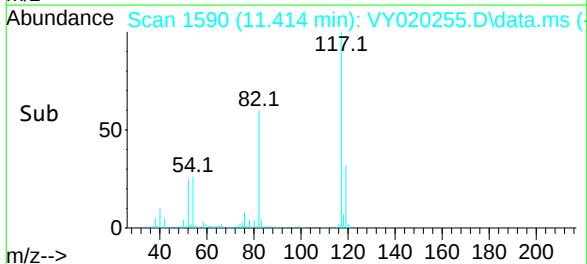
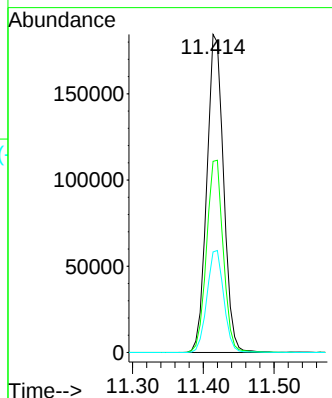
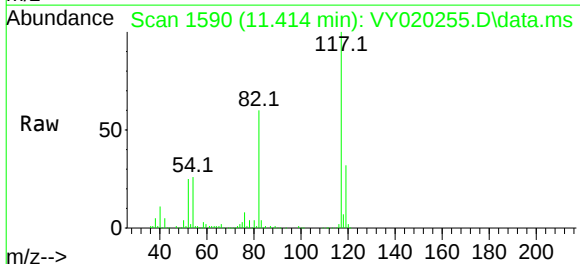
Tgt Ion:117 Resp: 303179

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.6 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: VY020255.D

Acq: 11 Nov 2024 17:56

Tgt Ion:152 Resp: 107666

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 155.0 0.0 345.6

