

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020257.D
 Acq On : 11 Nov 2024 18:43
 Operator : SY/MD
 Sample : P4796-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Nov 12 03:15:22 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	141869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	299368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	94700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99094	55.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.640	113	99484	52.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.109	98	370880	48.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.407	95	109841	44.635	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.260%

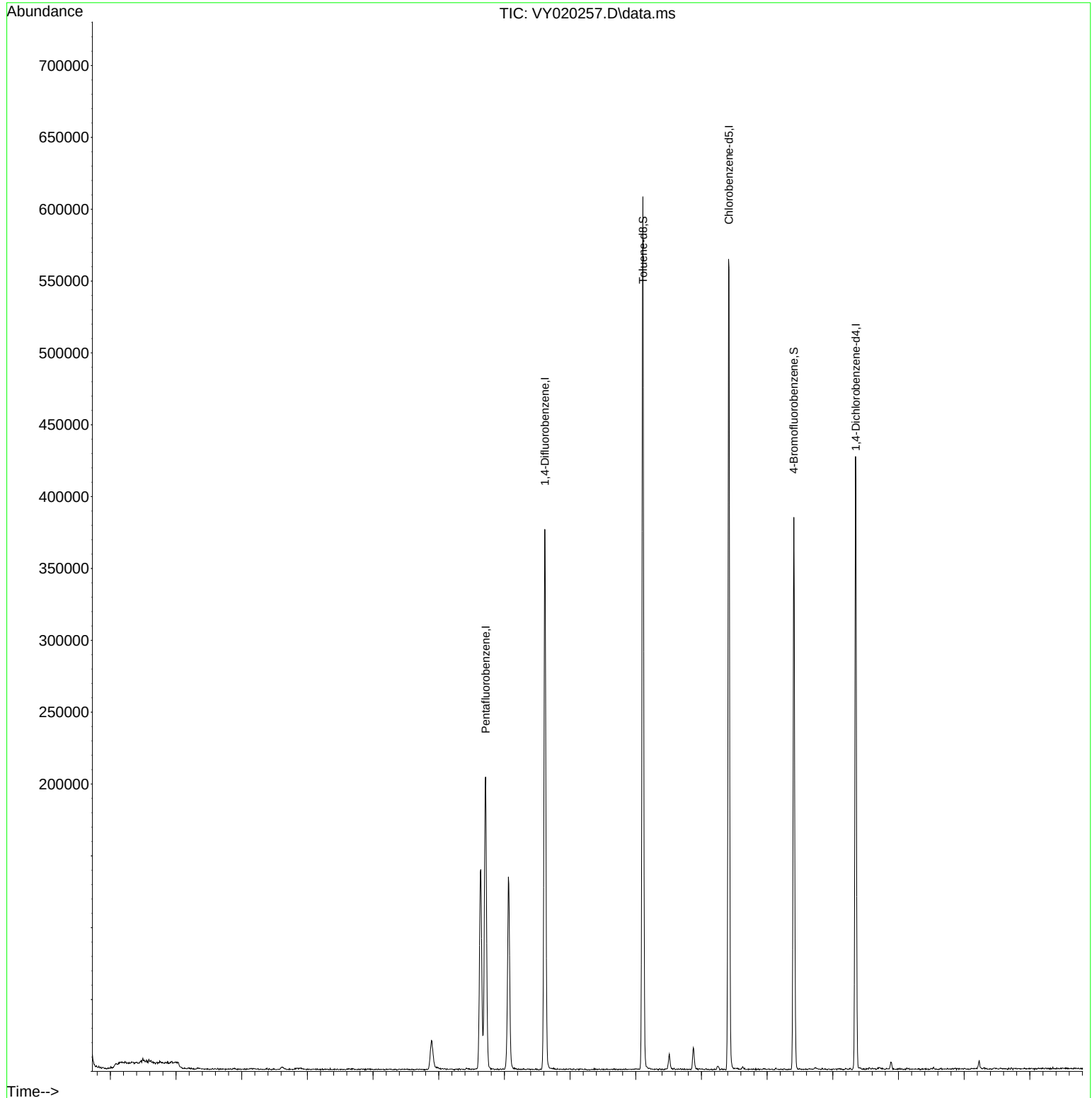
Target Compounds Qvalue

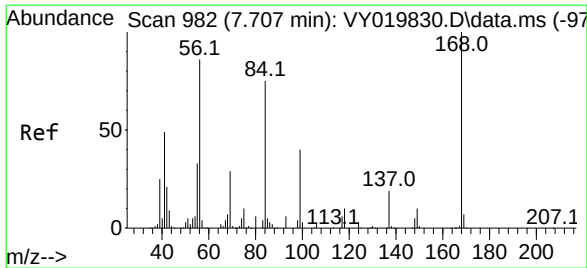
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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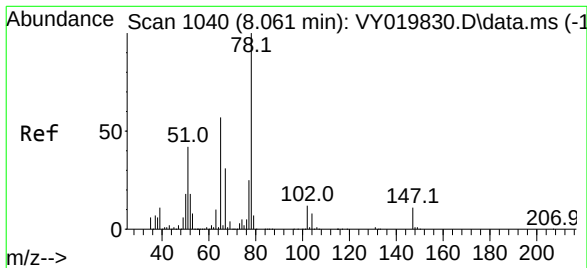
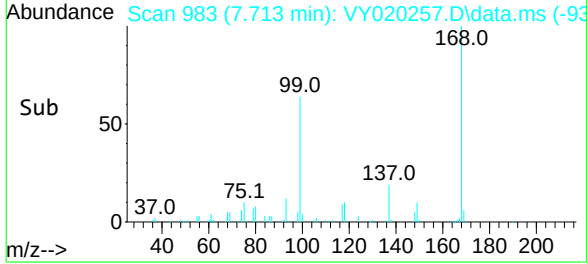
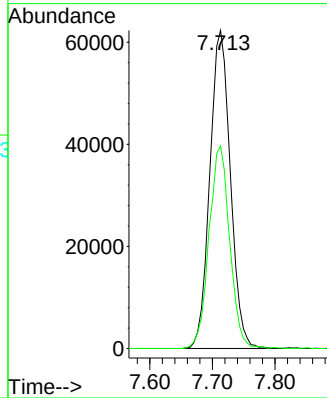
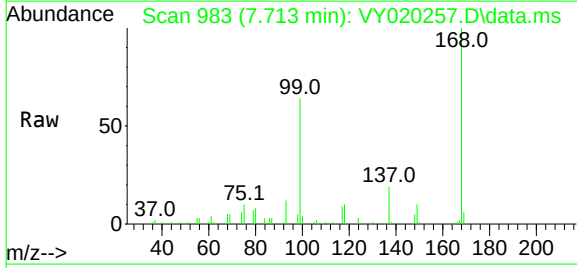




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

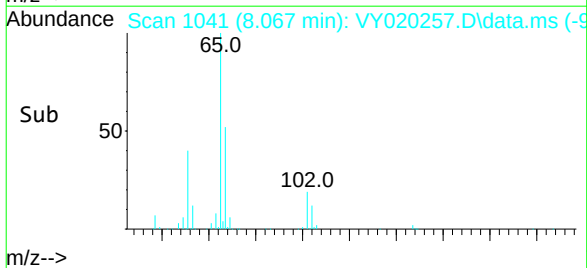
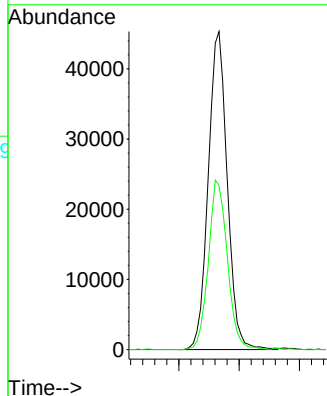
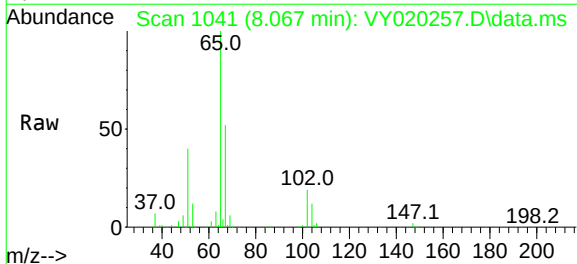
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

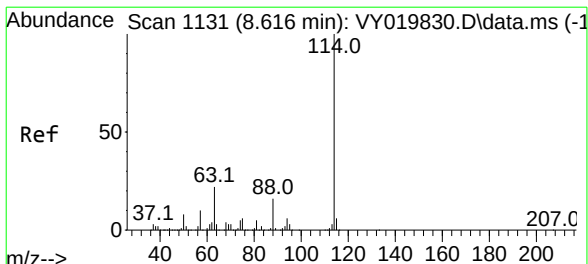
Tgt Ion:168 Resp: 141869
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.966 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Tgt Ion: 65 Resp: 99094
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

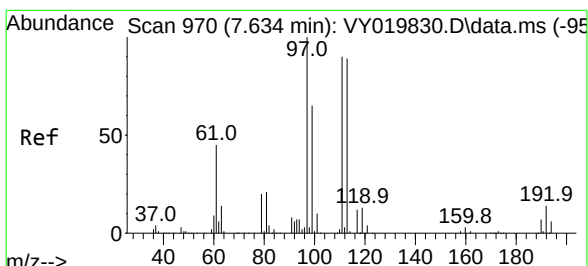
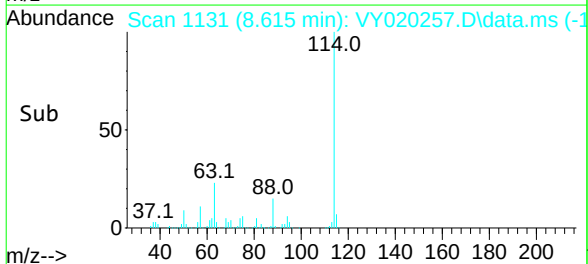
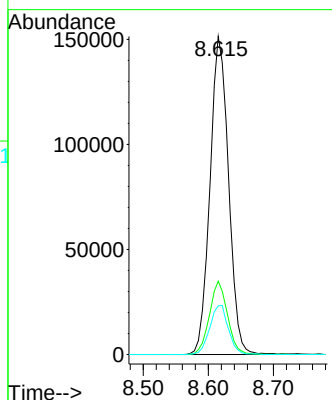
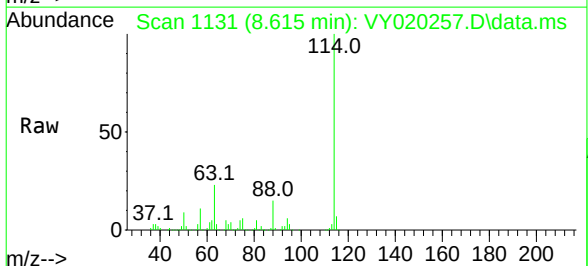




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

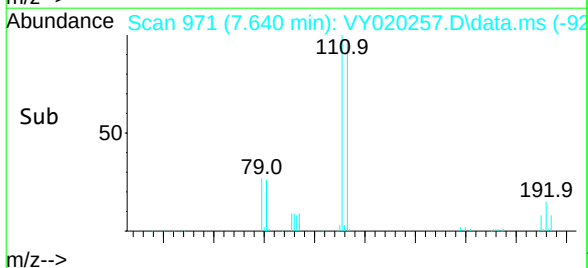
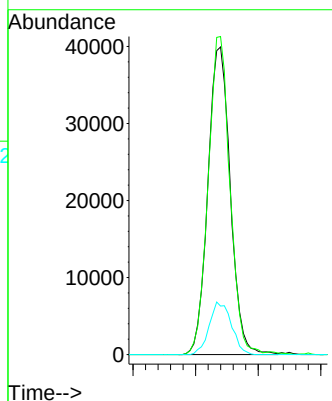
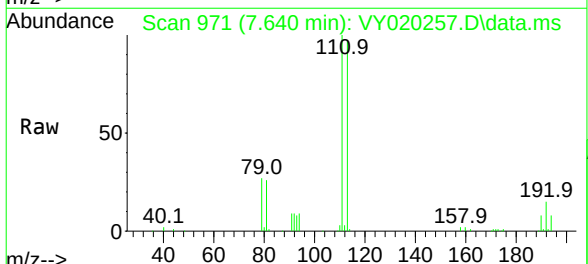
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

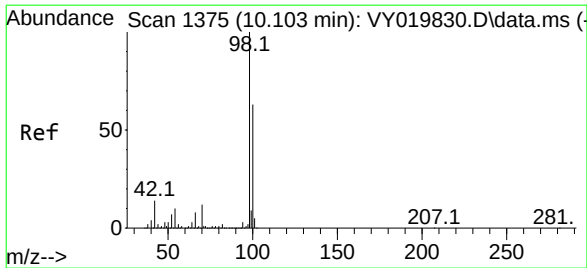
Tgt Ion:	114	Resp:	299368
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	35.0
88	15.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 52.267 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Tgt Ion:	113	Resp:	99484
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 48.952 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

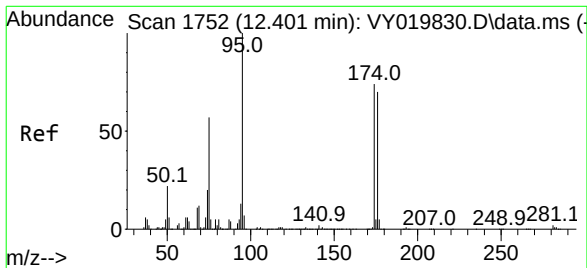
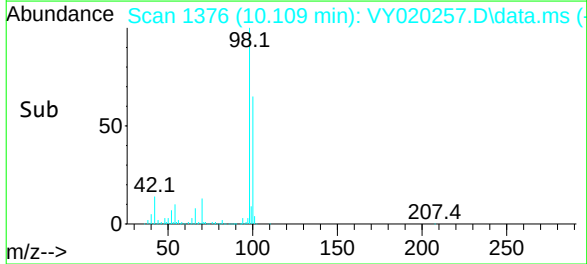
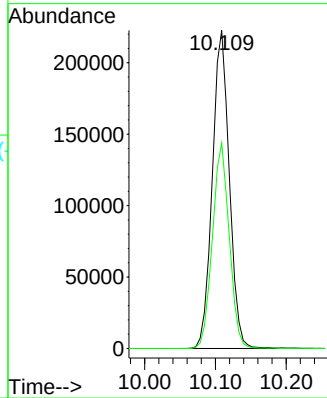
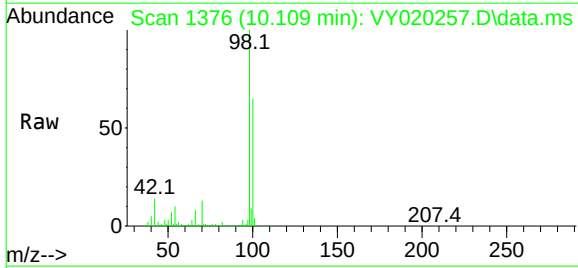
TP-4

Tgt Ion: 98 Resp: 370880

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.635 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

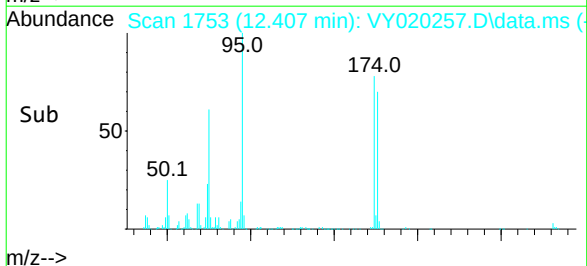
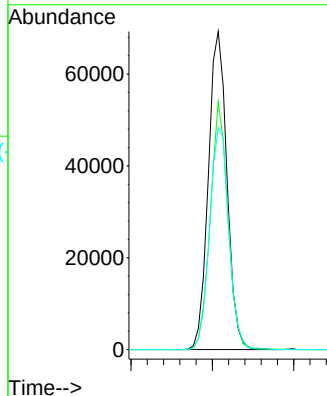
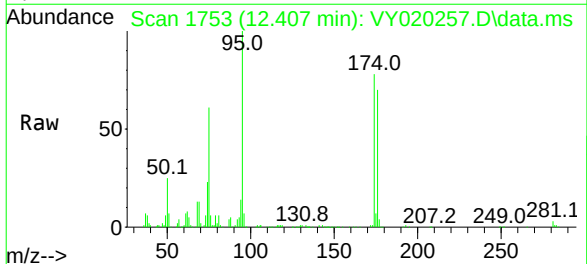
Tgt Ion: 95 Resp: 109841

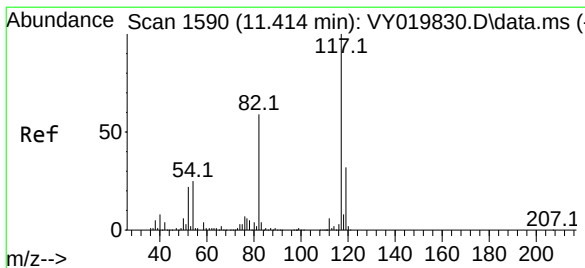
Ion Ratio Lower Upper

95 100

174 73.8 0.0 175.6

176 72.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

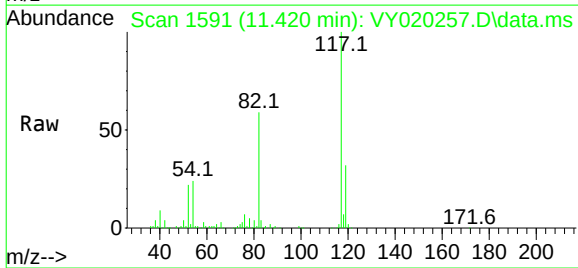
Tgt Ion:117 Resp: 276598

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 31.7 25.9 38.9



Abundance

11.420

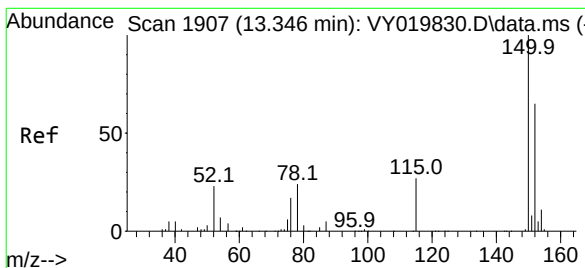
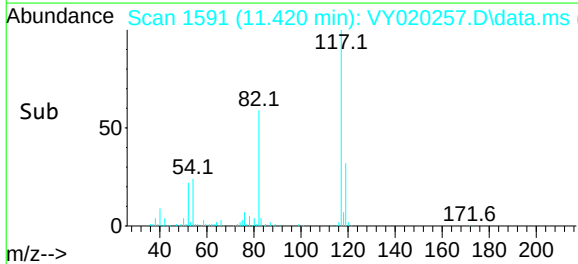
150000

100000

50000

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

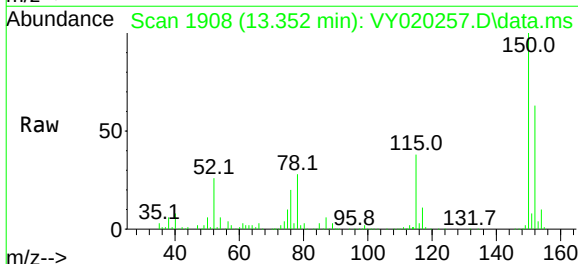
Tgt Ion:152 Resp: 94700

Ion Ratio Lower Upper

152 100

115 64.0 28.2 84.7

150 159.1 0.0 345.6



Abundance

80000

60000

40000

20000

0

Time-->

