

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020236.D
 Acq On : 08 Nov 2024 17:49
 Operator : SY/MD
 Sample : P4737-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Quant Time: Nov 08 22:20:56 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	200069	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	420606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	385502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	140838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	143119	57.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.640	113	138146	51.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.109	98	532013	49.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.407	95	164118	47.467	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.940%

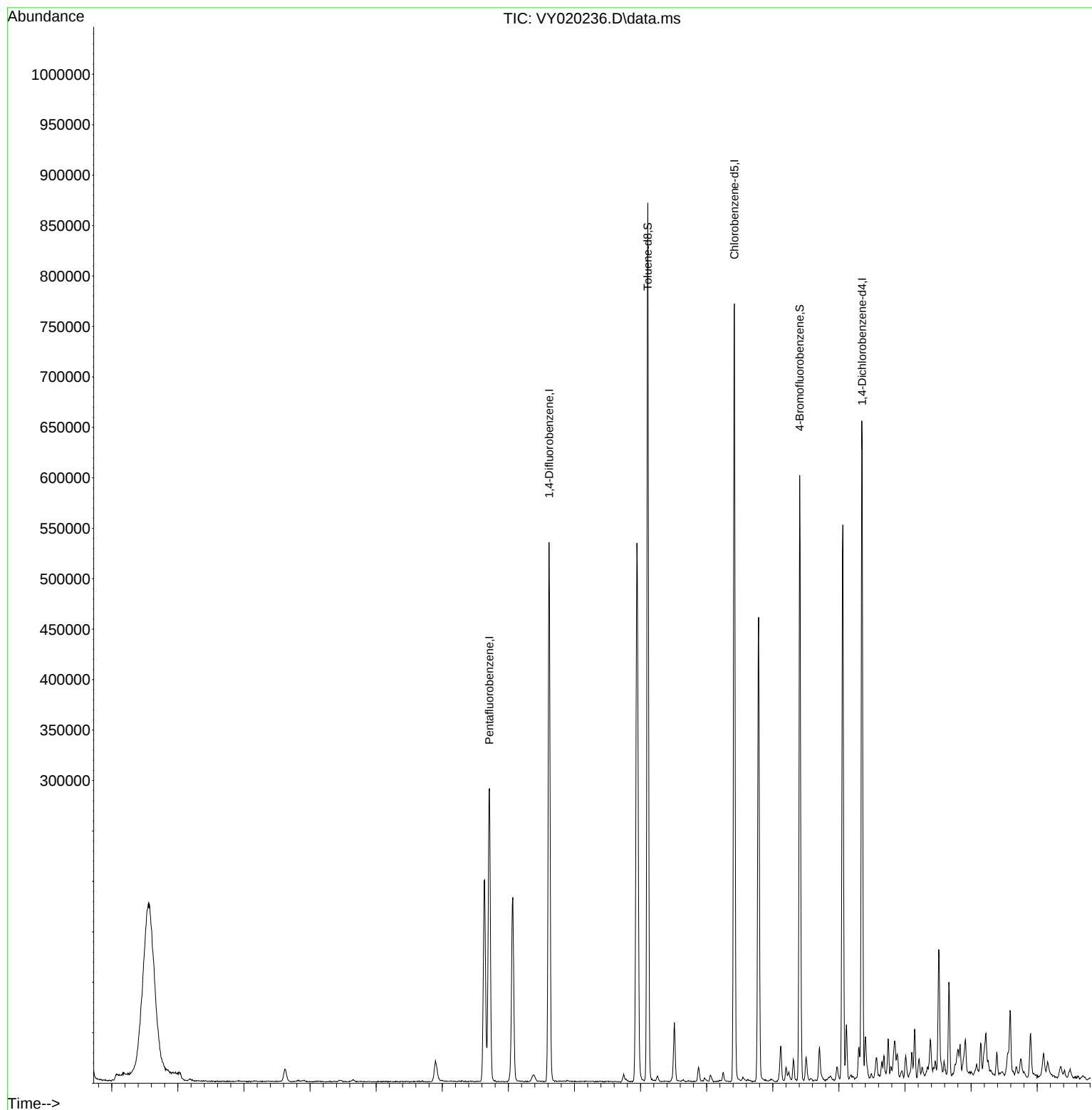
Target Compounds	Qvalue

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

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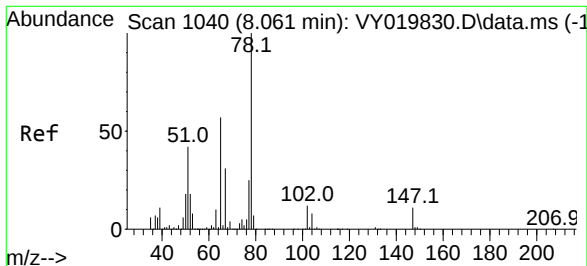
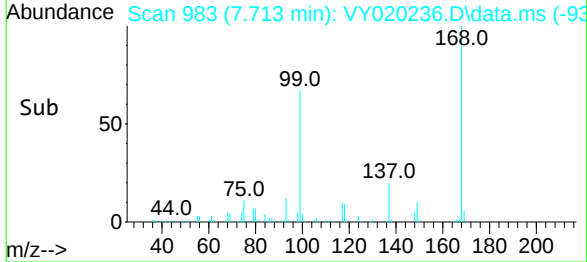
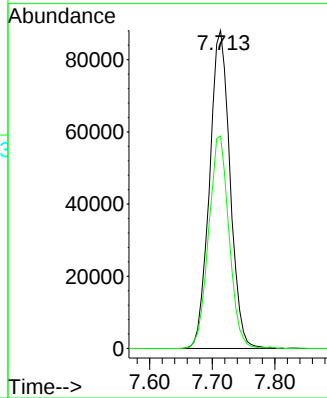
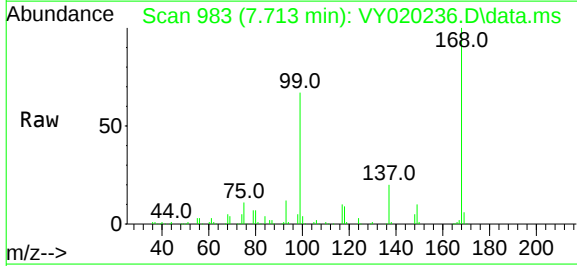




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020236.D
Acq: 08 Nov 2024 17:49

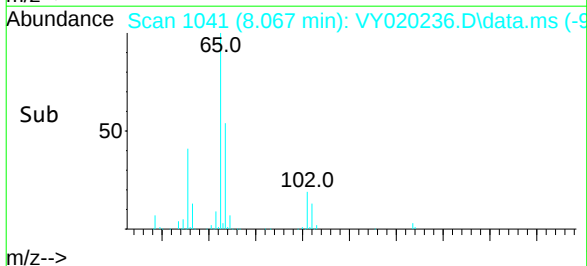
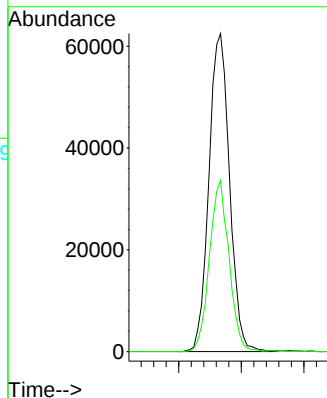
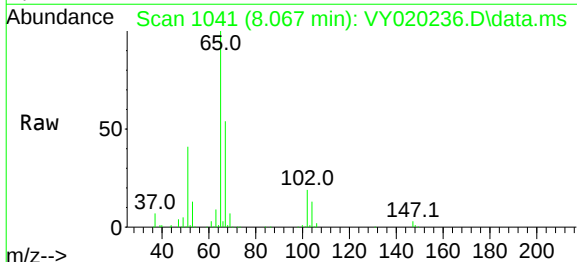
Instrument :
MSVOA_Y
ClientSampleId :
TP2

Tgt Ion:168 Resp: 200069
Ion Ratio Lower Upper
168 100
99 66.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.317 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020236.D
Acq: 08 Nov 2024 17:49

Tgt Ion: 65 Resp: 143119
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

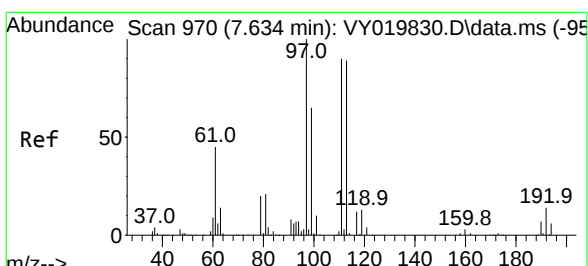
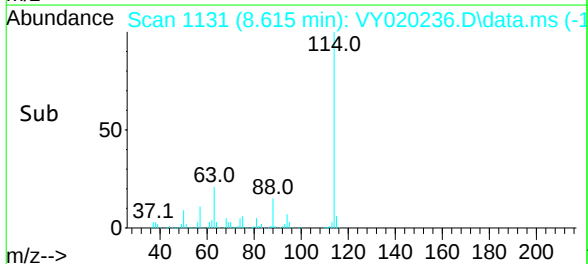
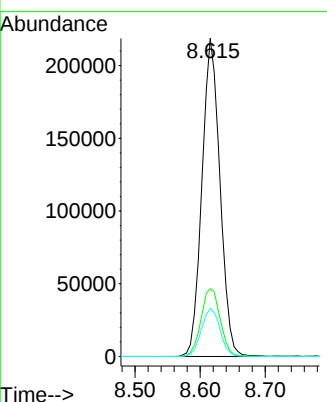
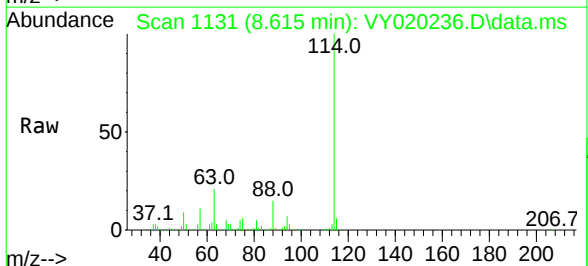




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020236.D
Acq: 08 Nov 2024 17:49

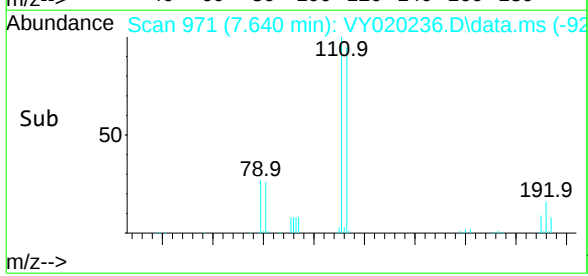
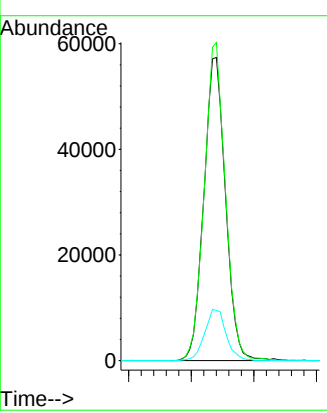
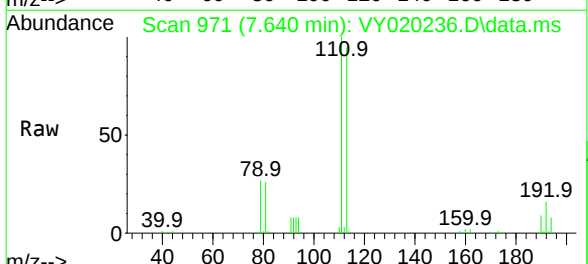
Instrument :
MSVOA_Y
ClientSampleId :
TP2

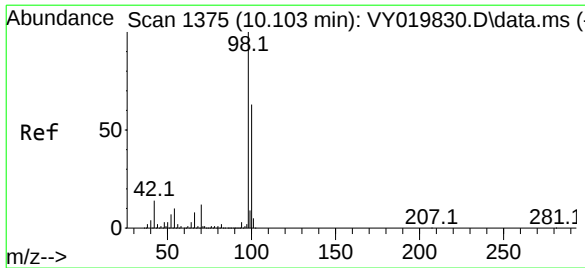
Tgt Ion:	114	Resp:	420606
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	35.0
88	15.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.659 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020236.D
Acq: 08 Nov 2024 17:49

Tgt Ion:	113	Resp:	138146
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 49.980 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020236.D

Acq: 08 Nov 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

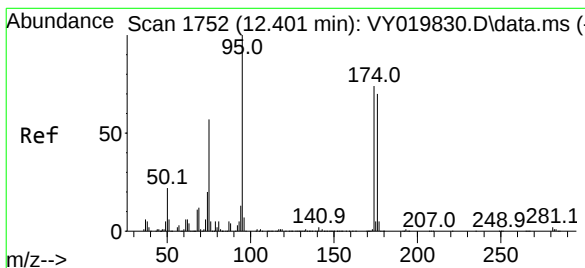
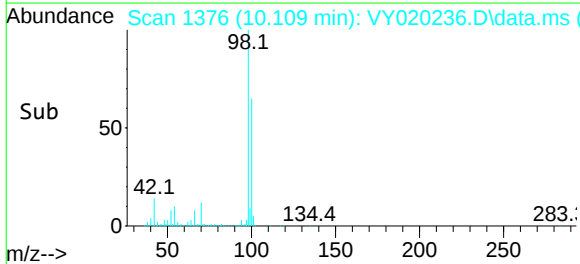
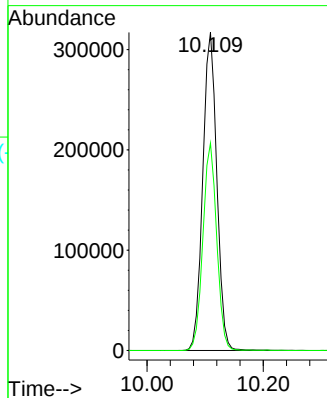
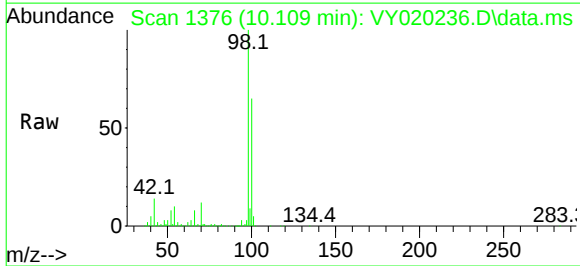
TP2

Tgt Ion: 98 Resp: 532013

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.467 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020236.D

Acq: 08 Nov 2024 17:49

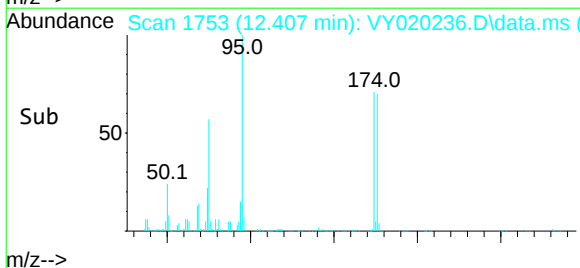
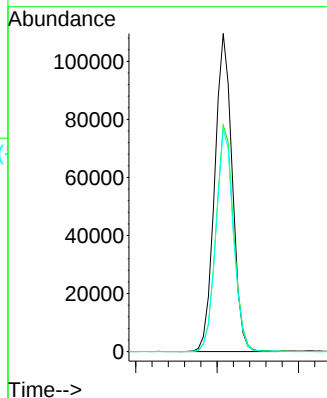
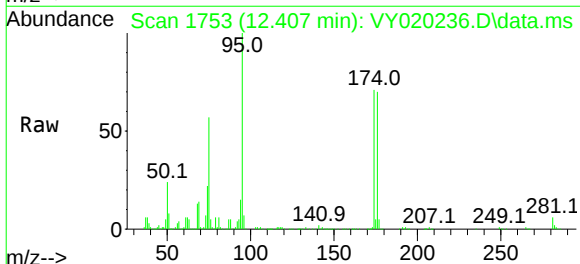
Tgt Ion: 95 Resp: 164118

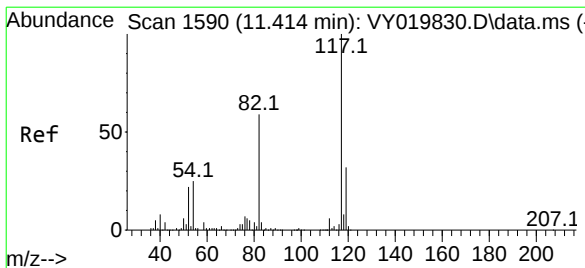
Ion Ratio Lower Upper

95 100

174 71.9 0.0 175.6

176 69.8 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: VY020236.D

Acq: 08 Nov 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

TP2

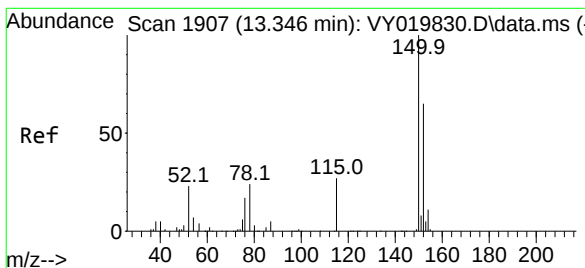
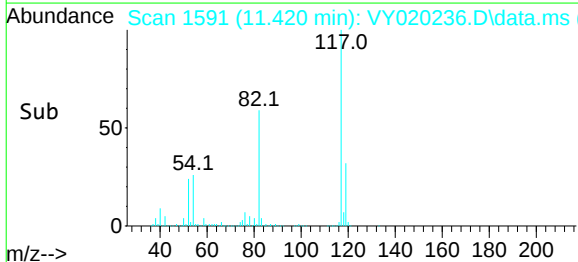
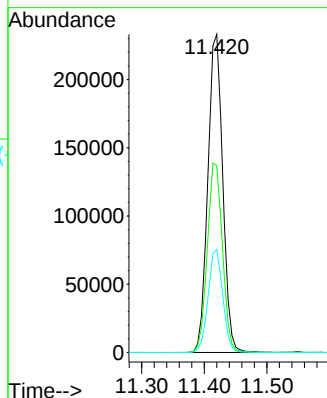
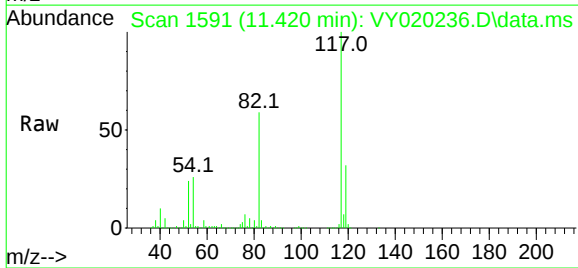
Tgt Ion:117 Resp: 385502

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020236.D

Acq: 08 Nov 2024 17:49

Tgt Ion:152 Resp: 140838

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 159.4 0.0 345.6

