

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020406.D
 Acq On : 22 Nov 2024 12:01
 Operator : SY/MD
 Sample : P4892-02
 Misc : 8.56g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-310-BOT

Quant Time: Nov 22 23:58:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	149521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	283533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	91188	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	80176	46.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.340%
35) Dibromofluoromethane	7.640	113	86936	47.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.109	98	339071	47.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.408	95	105655	45.891	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.780%

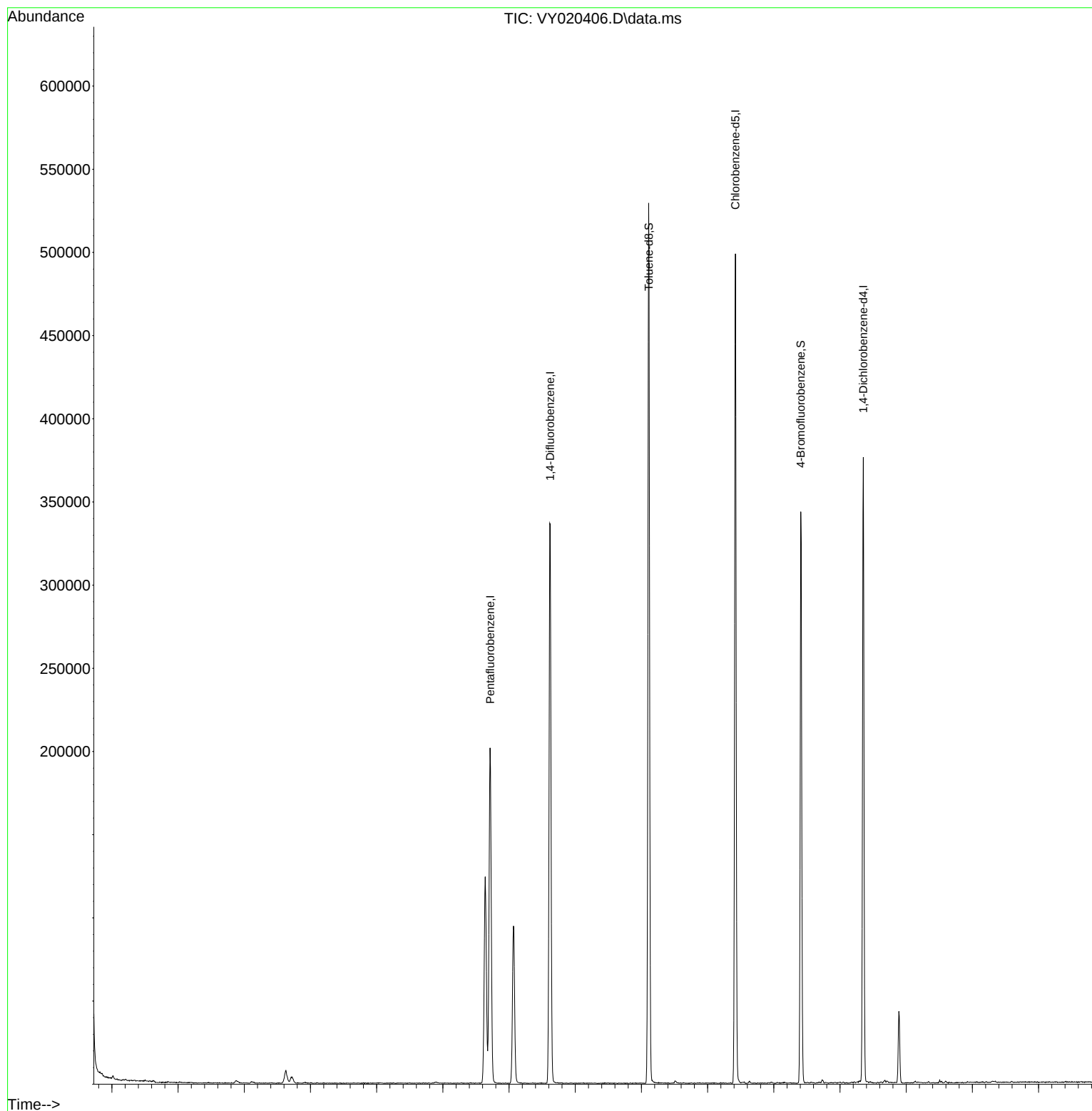
Target Compounds Qvalue

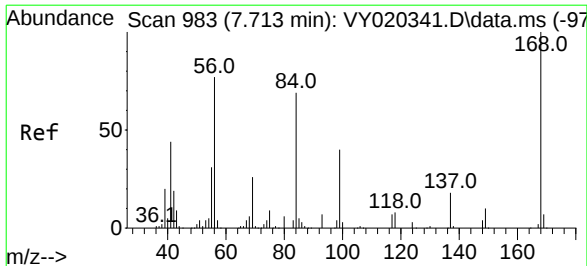
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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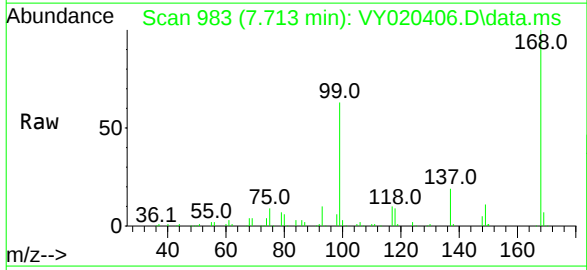
Quant Time: Nov 22 23:58:59 2024
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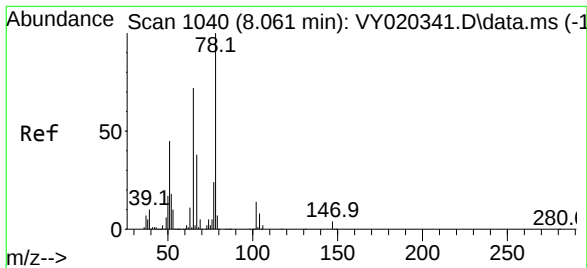
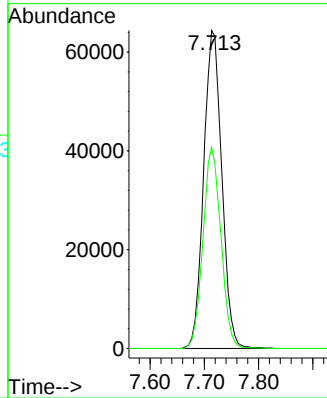
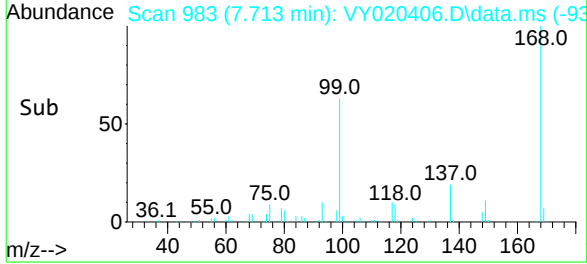


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01

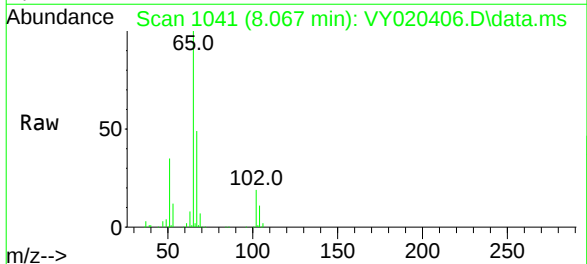
Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-310-BOT



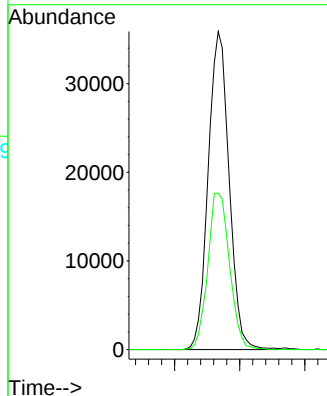
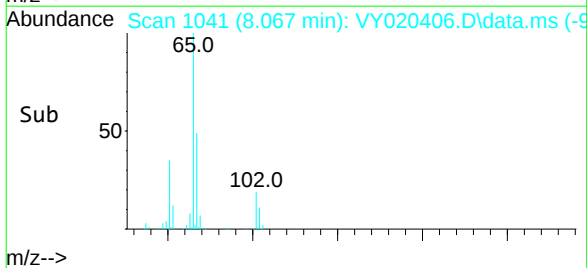
Tgt Ion:168 Resp: 149521
 Ion Ratio Lower Upper
 168 100
 99 63.2 46.6 69.8

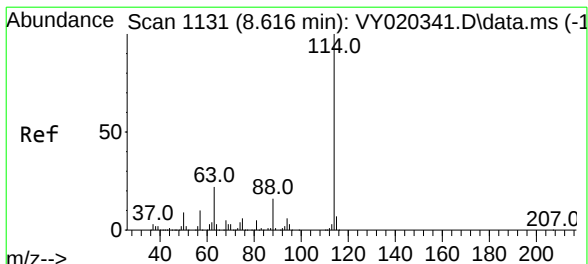


#33
 1,2-Dichloroethane-d4
 Concen: 46.673 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01



Tgt Ion: 65 Resp: 80176
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.8

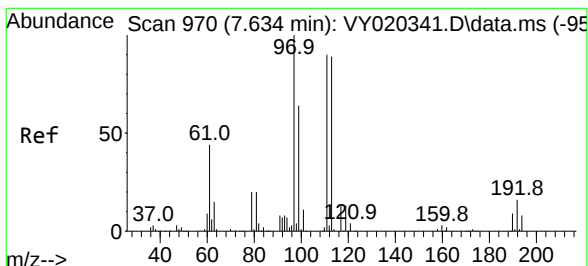
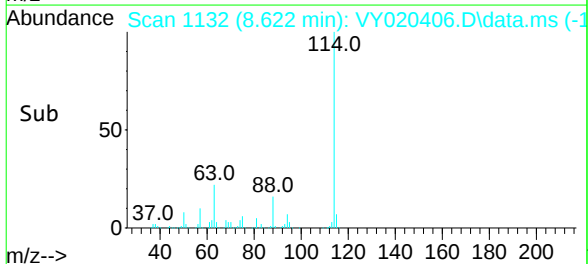
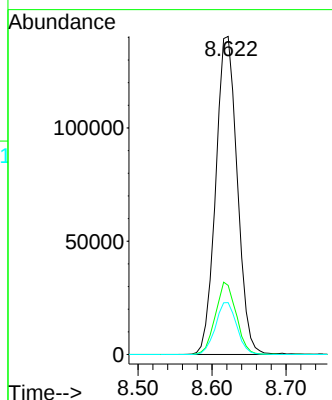
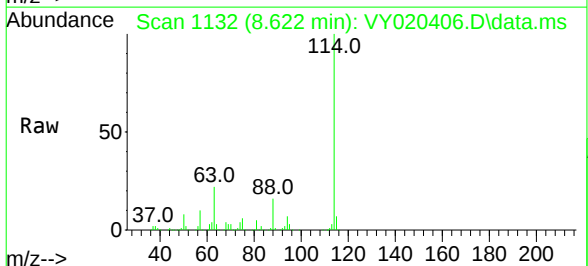




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01

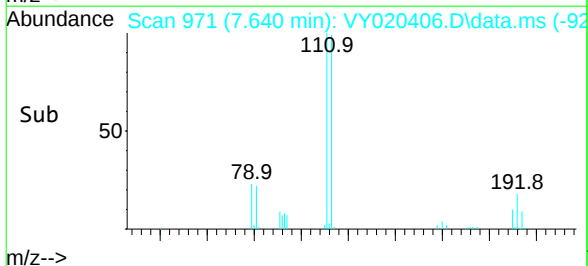
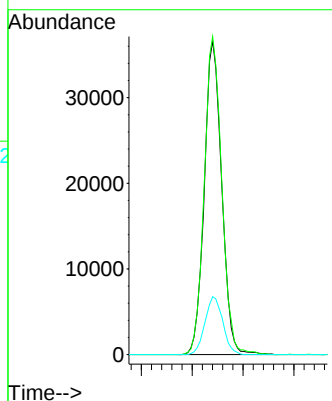
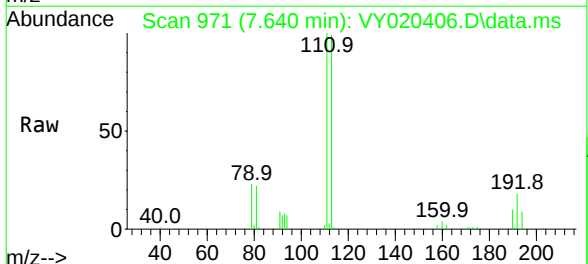
Instrument :
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 ClientSampleId :
 WB-310-BOT

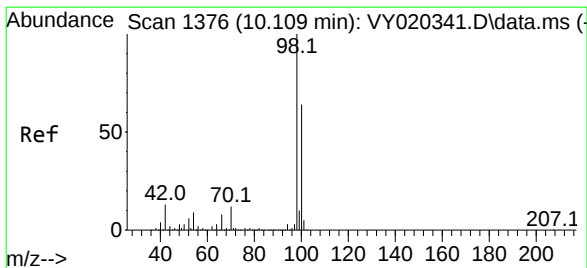
Tgt Ion:	114	Resp:	283533
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	44.8
88	16.3	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 47.817 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020406.D
 Acq: 22 Nov 2024 12:01

Tgt Ion:	113	Resp:	86936
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	18.9	15.1	22.7





#50

Toluene-d8

Concen: 47.344 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

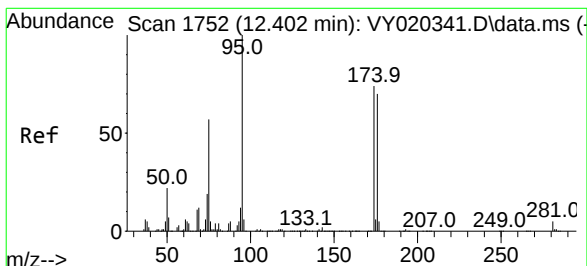
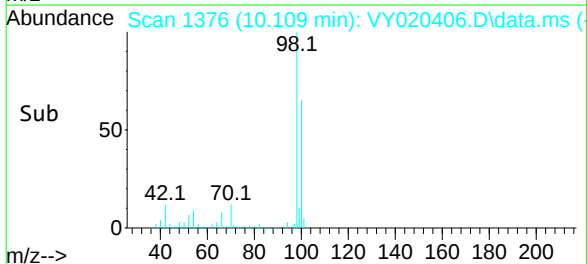
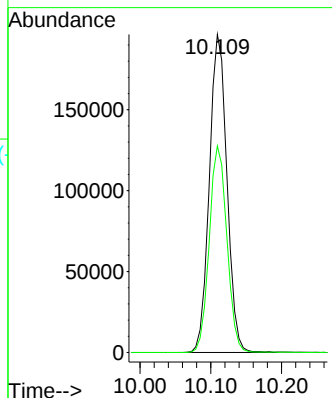
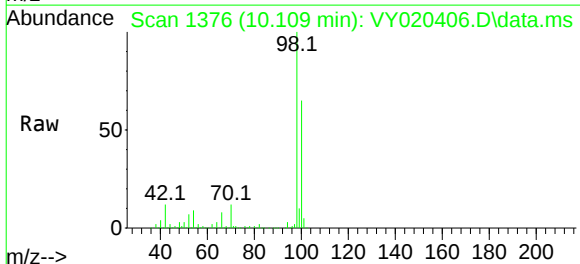
WB-310-BOT

Tgt Ion: 98 Resp: 339071

Ion Ratio Lower Upper

98 100

100 65.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.891 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

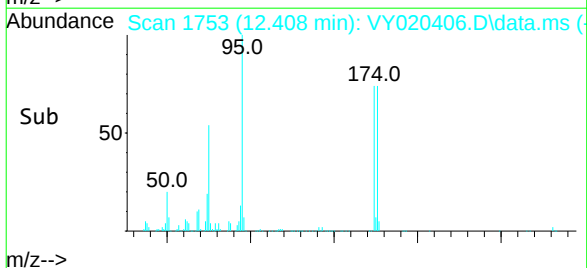
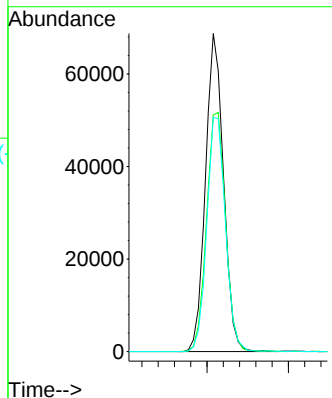
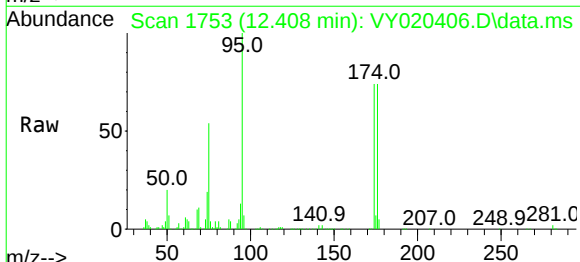
Tgt Ion: 95 Resp: 105655

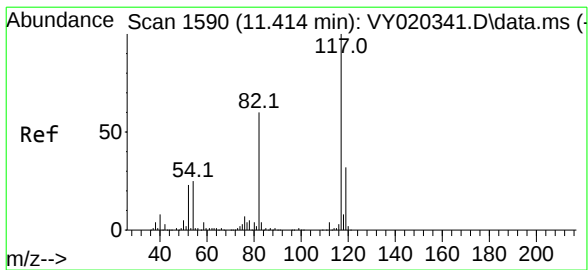
Ion Ratio Lower Upper

95 100

174 79.1 0.0 156.8

176 76.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

WB-310-BOT

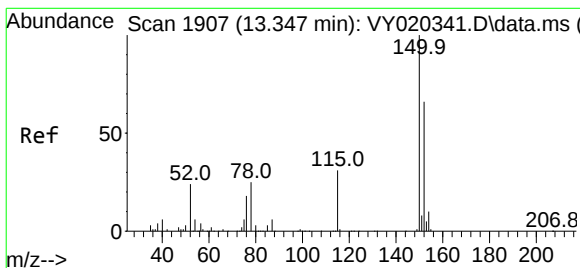
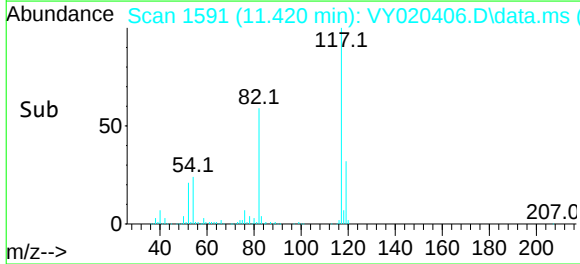
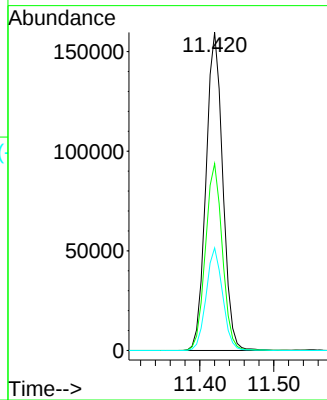
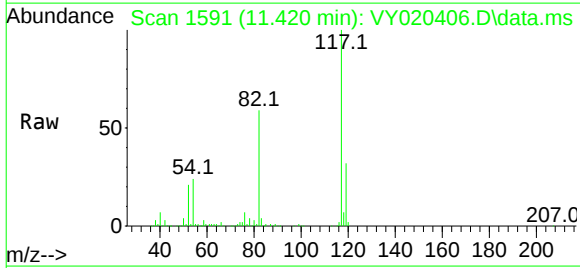
Tgt Ion:117 Resp: 251330

Ion Ratio Lower Upper

117 100

82 58.7 48.2 72.4

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020406.D

Acq: 22 Nov 2024 12:01

Tgt Ion:152 Resp: 91188

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 156.4 0.0 348.2

