

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020726.D
 Acq On : 26 Dec 2024 18:48
 Operator : SY/MD
 Sample : P5318-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-122024

Quant Time: Dec 27 00:36:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	10153	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	13719	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	9452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2807	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	4348	52.283	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.634	113	4352	57.592	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.180%	
50) Toluene-d8	10.109	98	15091	50.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.408	95	3606	35.908	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 71.820%	

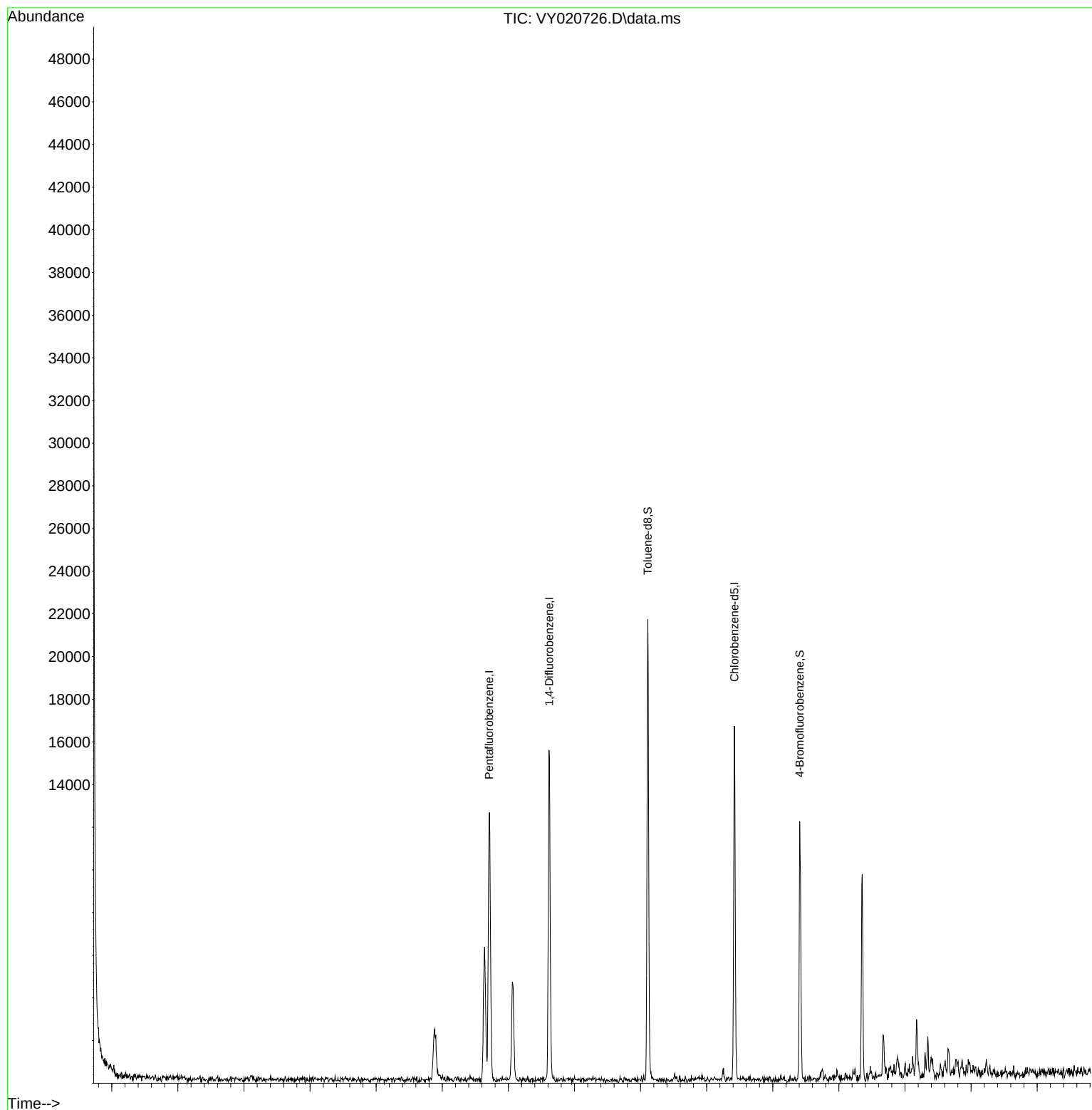
Target Compounds Qvalue

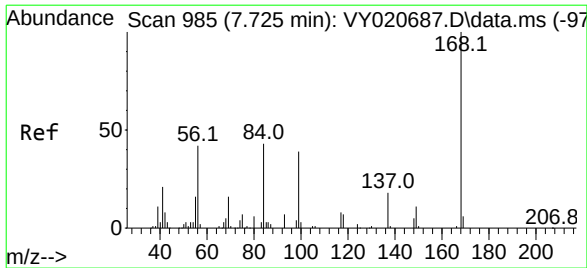
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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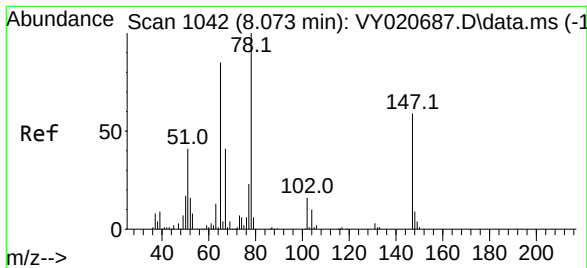
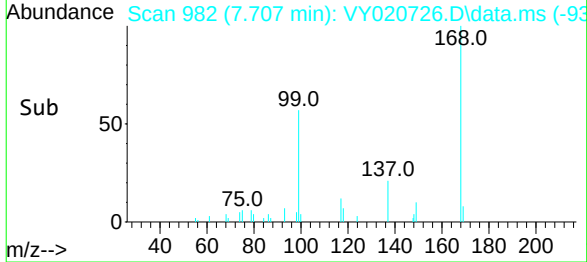
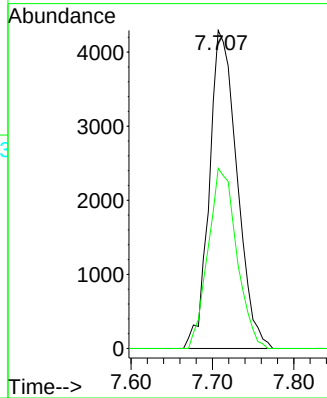
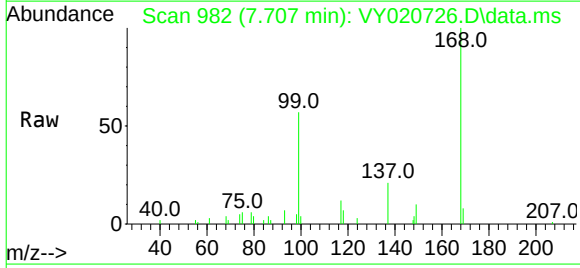




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.018 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

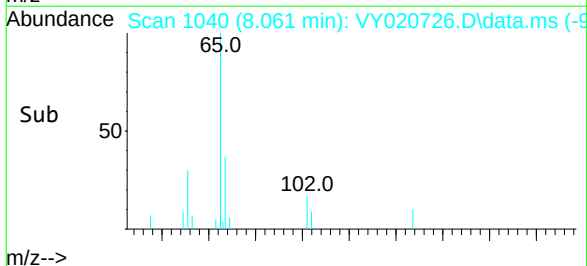
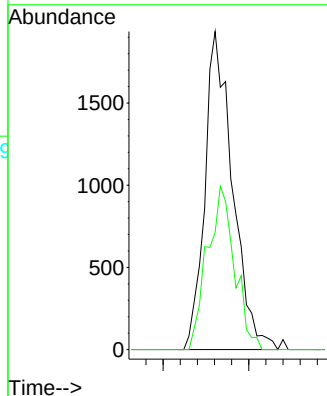
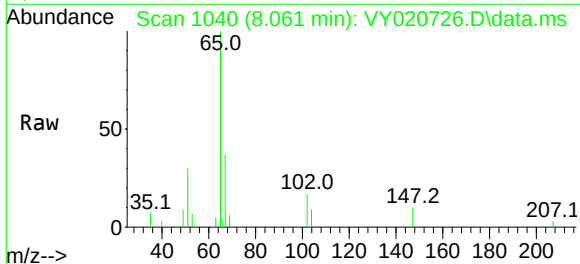
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-122024

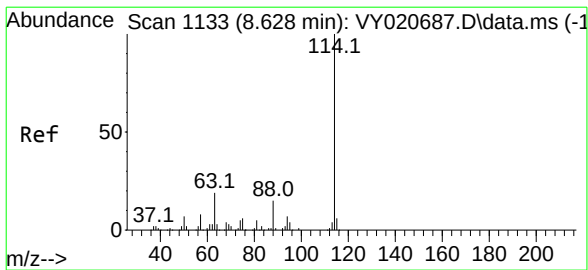
Tgt Ion:168 Resp: 10153
Ion Ratio Lower Upper
168 100
99 56.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 52.283 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020726.D
Acq: 26 Dec 2024 18:48

Tgt Ion: 65 Resp: 4348
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-122024

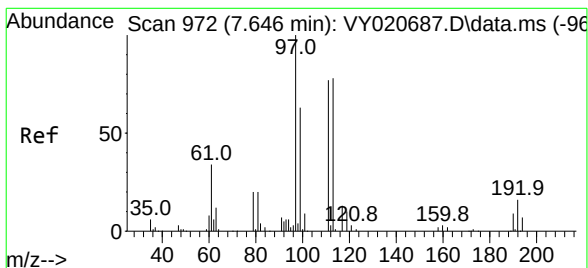
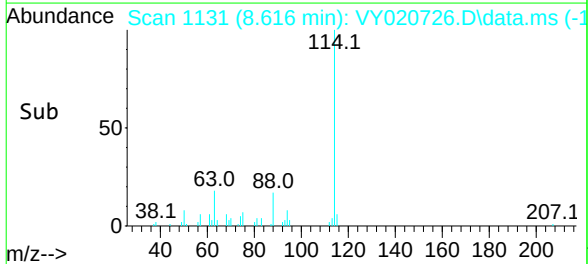
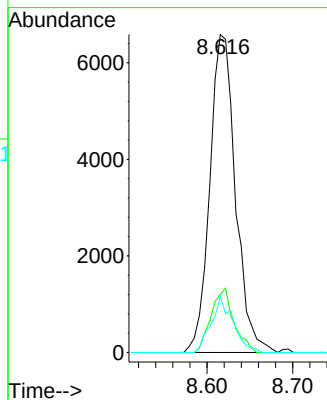
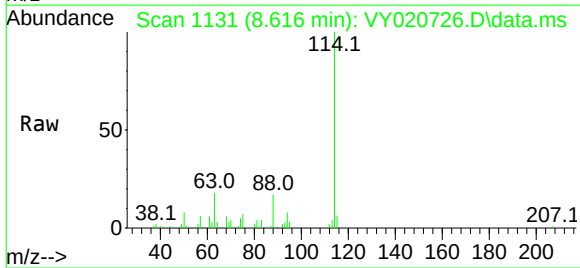
Tgt Ion:114 Resp: 13719

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 17.5 0.0 30.4



#35

Dibromofluoromethane

Concen: 57.592 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

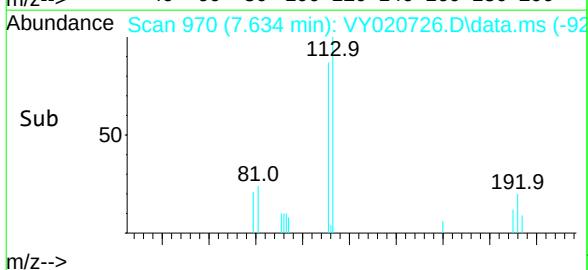
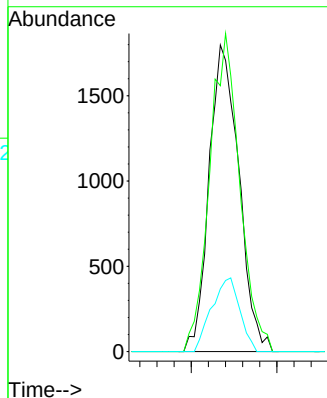
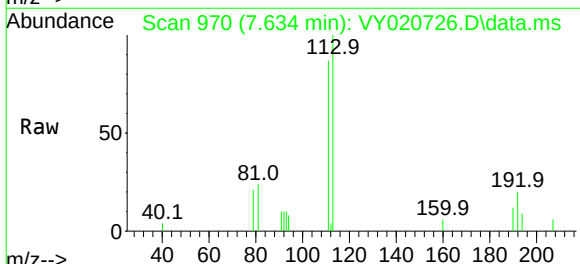
Tgt Ion:113 Resp: 4352

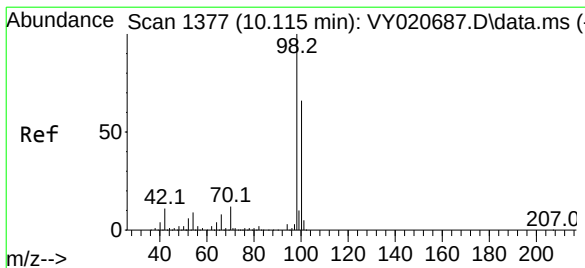
Ion Ratio Lower Upper

113 100

111 104.7 79.8 119.8

192 22.6 17.0 25.6





#50

Toluene-d8

Concen: 50.212 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

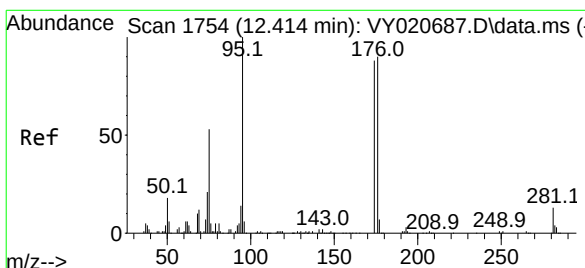
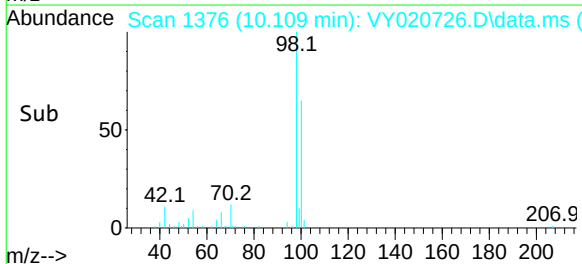
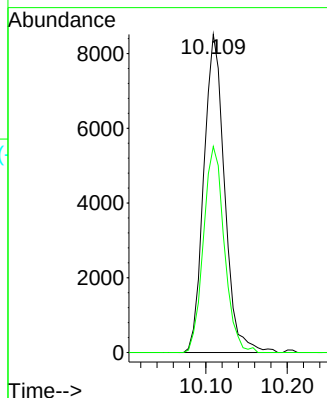
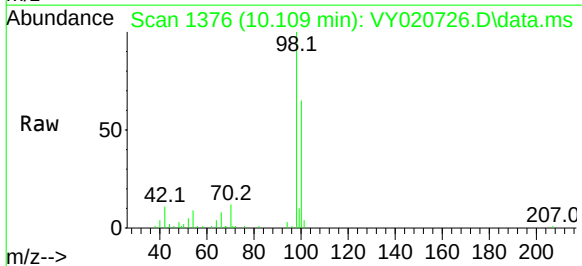
AU-06-122024

Tgt Ion: 98 Resp: 15091

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 35.908 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

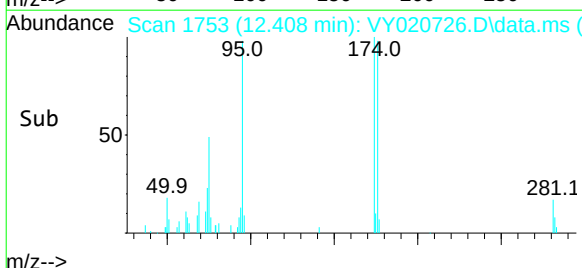
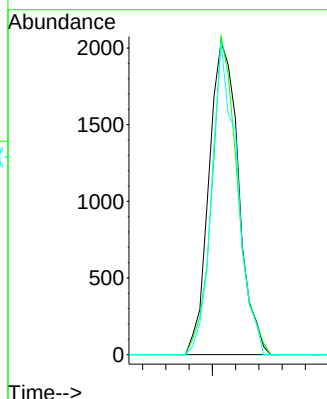
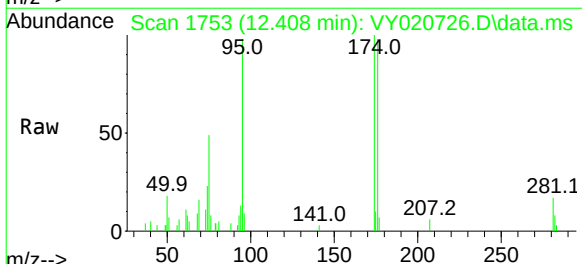
Tgt Ion: 95 Resp: 3606

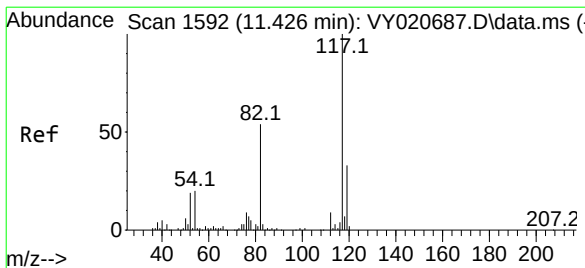
Ion Ratio Lower Upper

95 100

174 88.7 0.0 179.2

176 85.8 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-122024

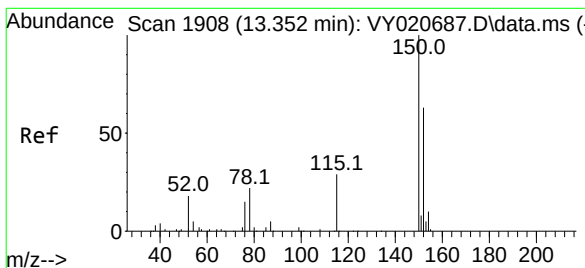
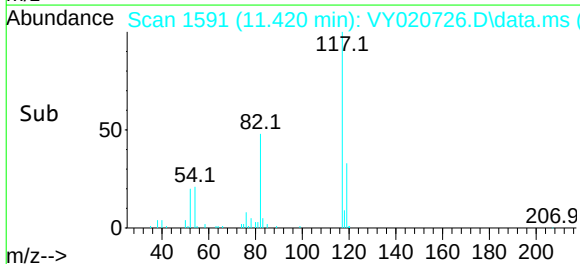
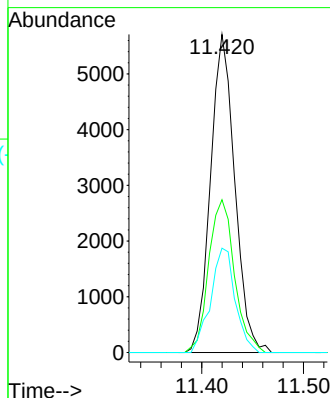
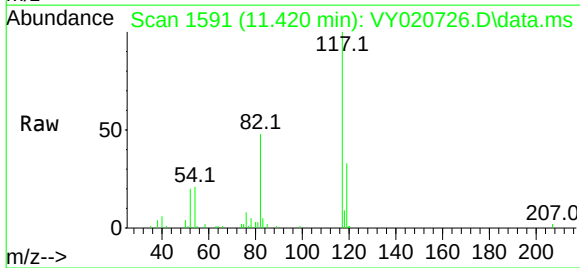
Tgt Ion:117 Resp: 9452

Ion Ratio Lower Upper

117 100

82 48.0 43.4 65.2

119 32.8 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020726.D

Acq: 26 Dec 2024 18:48

Tgt Ion:152 Resp: 2807

Ion Ratio Lower Upper

152 100

115 55.9 30.3 90.9

150 167.7 0.0 349.0

