

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020651.D
 Acq On : 19 Dec 2024 13:39
 Operator : SY/MD
 Sample : P5301-03RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-121624RE

Quant Time: Dec 19 14:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	90085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	151613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	47266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	53226	53.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.900%
35) Dibromofluoromethane	7.634	113	50969	47.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.103	98	177883	47.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.408	95	52152	35.648	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.300%

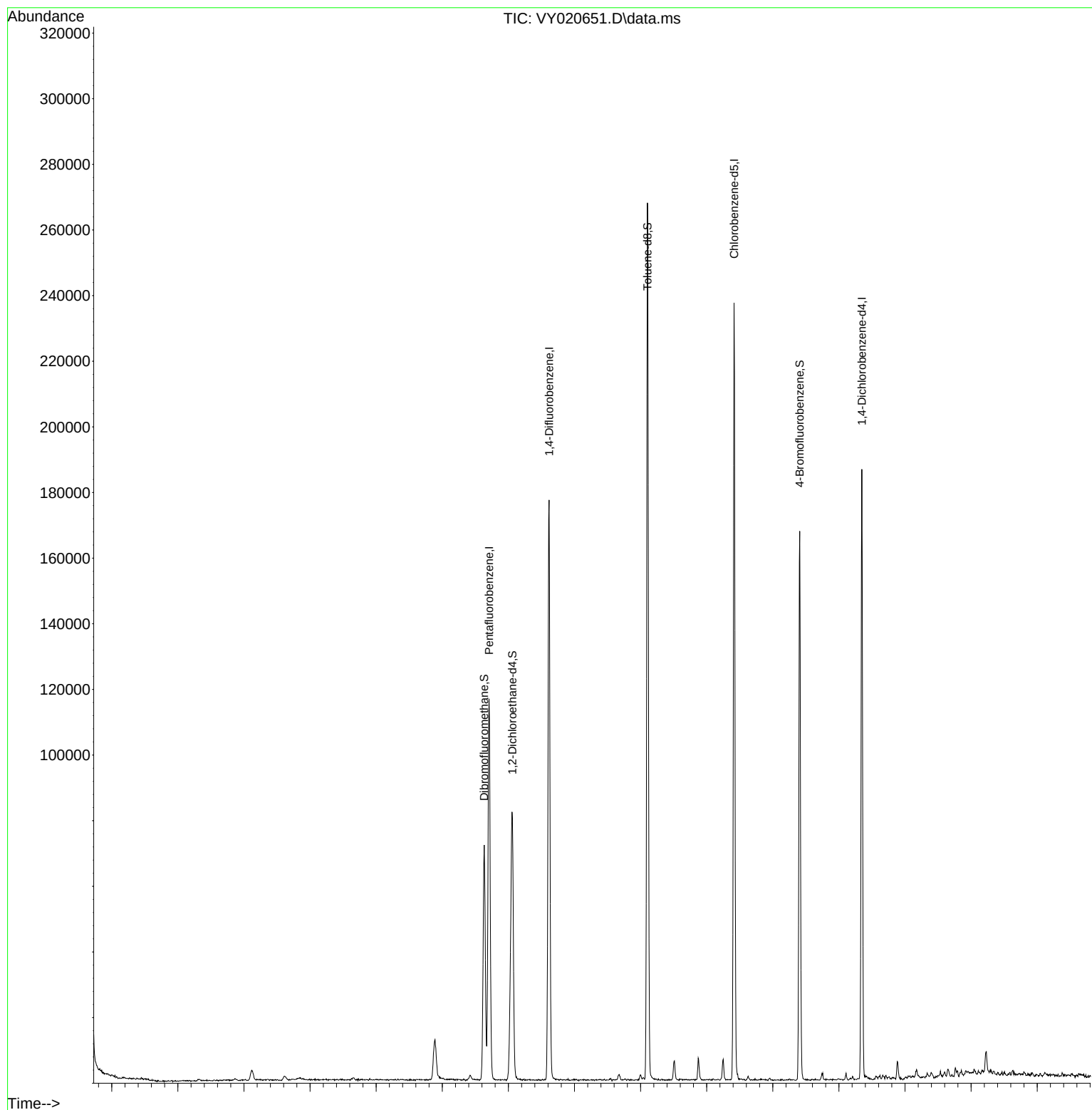
Target Compounds Qvalue

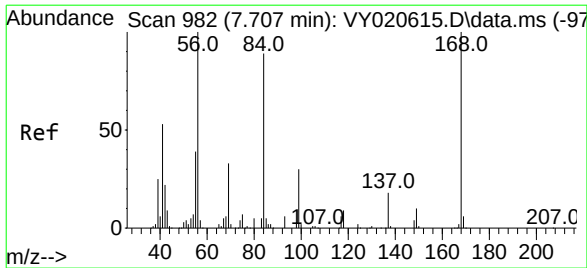
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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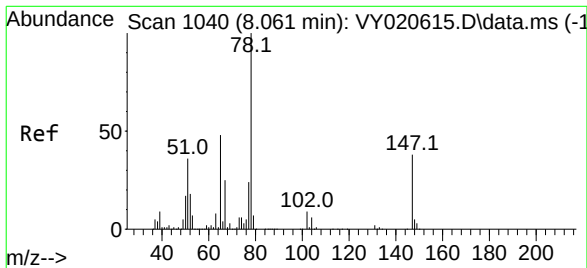
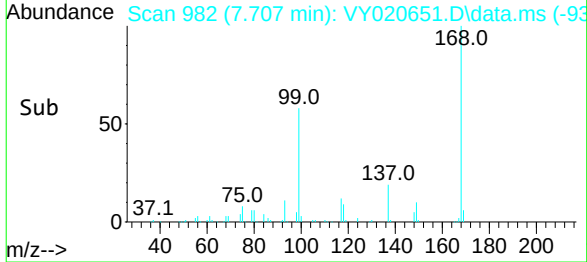
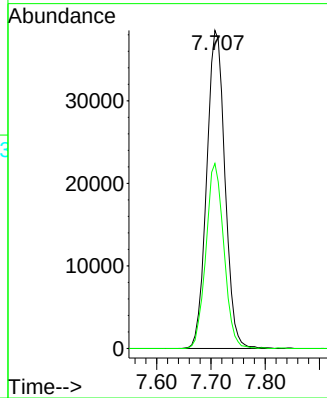
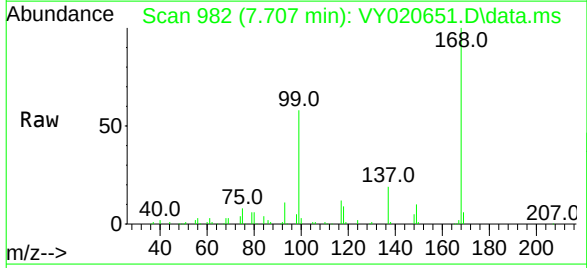




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020651.D
Acq: 19 Dec 2024 13:39

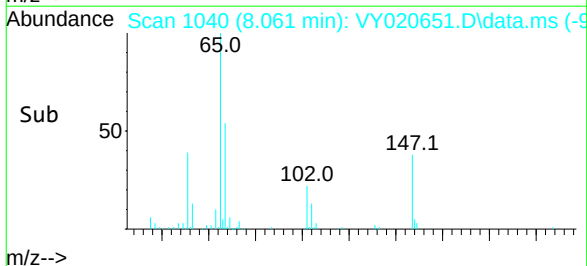
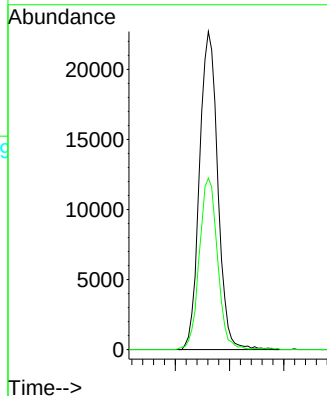
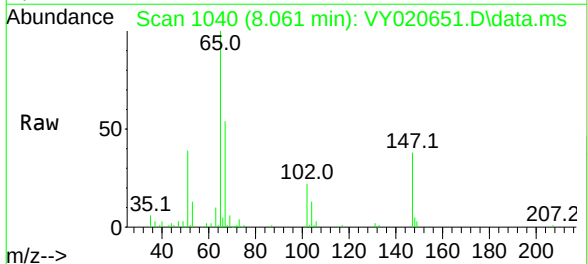
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-121624RE

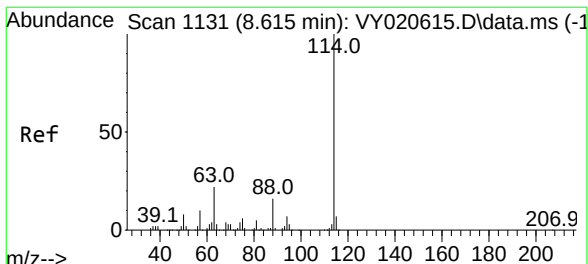
Tgt Ion:168 Resp: 90085
Ion Ratio Lower Upper
168 100
99 58.2 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 53.948 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020651.D
Acq: 19 Dec 2024 13:39

Tgt Ion: 65 Resp: 53226
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0

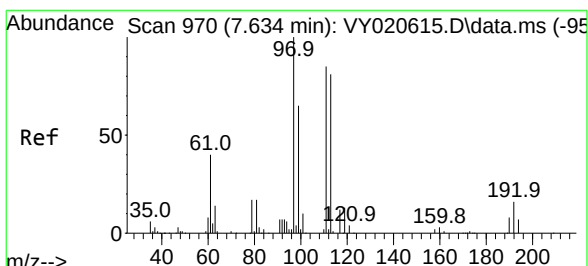
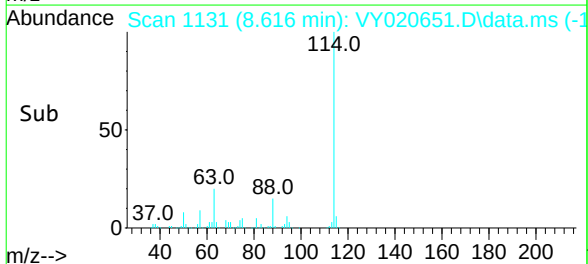
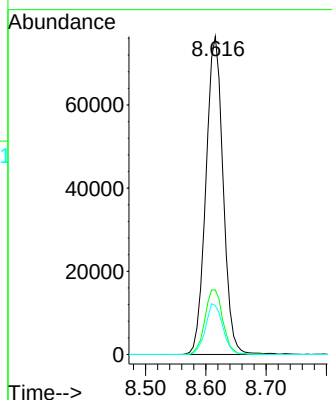
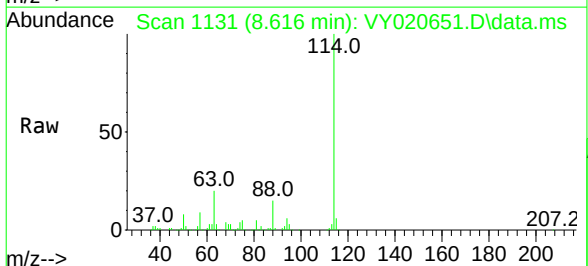




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020651.D
 Acq: 19 Dec 2024 13:39

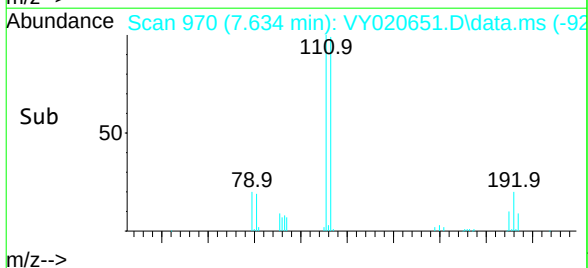
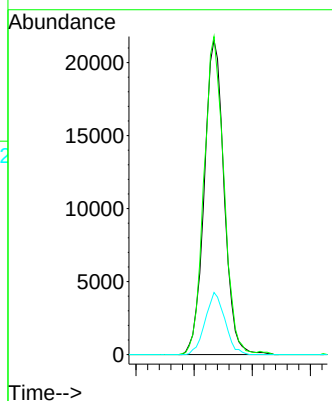
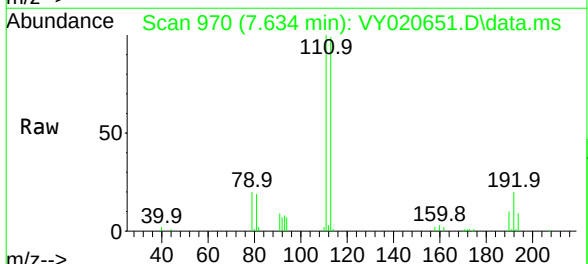
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-121624RE

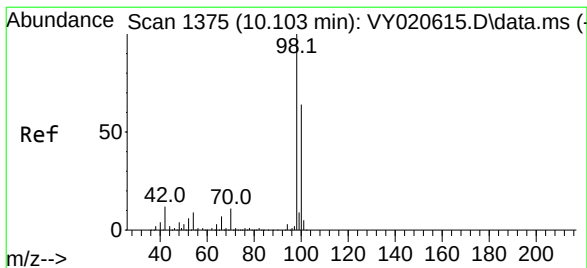
Tgt Ion:	114	Resp:	151613
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.0
88	15.4	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 47.700 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020651.D
 Acq: 19 Dec 2024 13:39

Tgt Ion:	113	Resp:	50969
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	19.7	15.7	23.5





#50

Toluene-d8

Concen: 47.562 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020651.D

Acq: 19 Dec 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

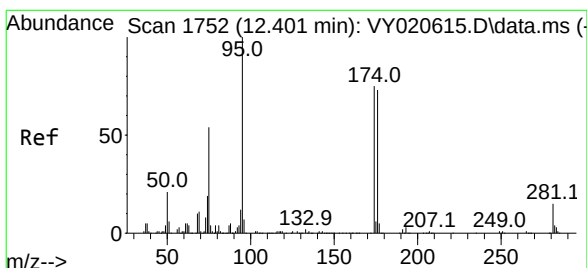
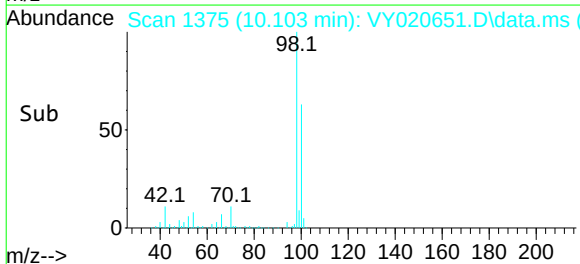
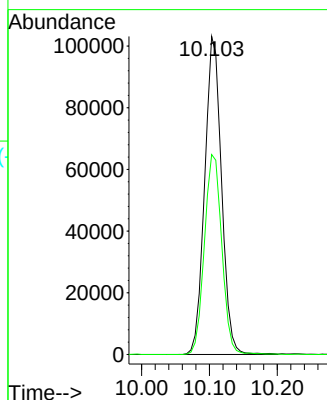
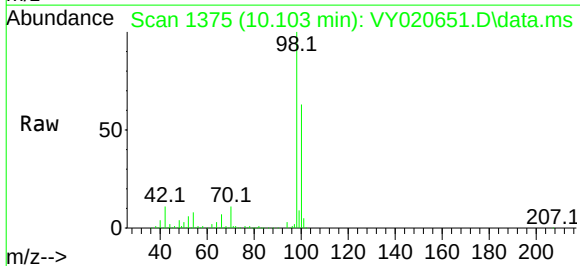
HR-04-121624RE

Tgt Ion: 98 Resp: 177883

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 35.648 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020651.D

Acq: 19 Dec 2024 13:39

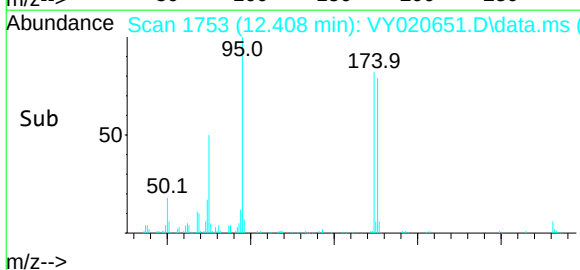
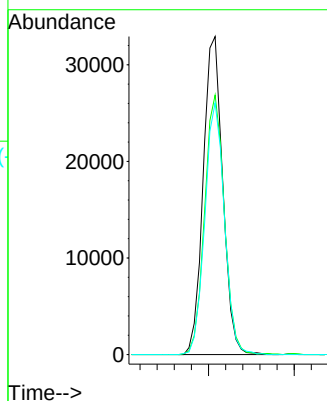
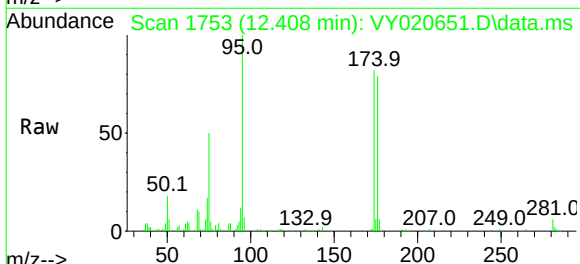
Tgt Ion: 95 Resp: 52152

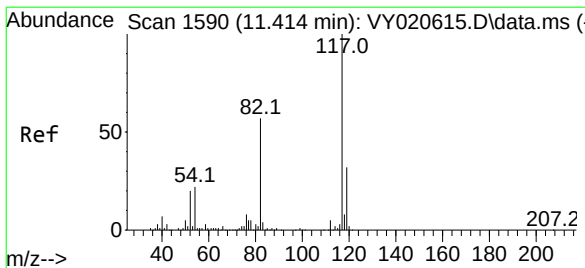
Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.8

176 79.4 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020651.D

Acq: 19 Dec 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-121624RE

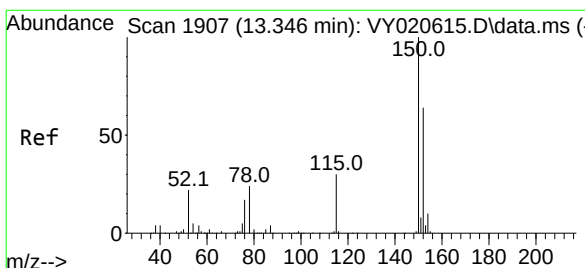
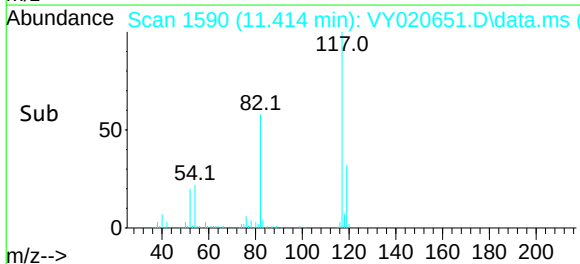
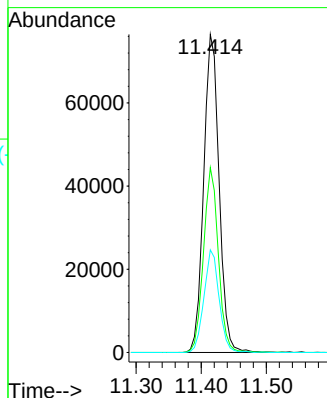
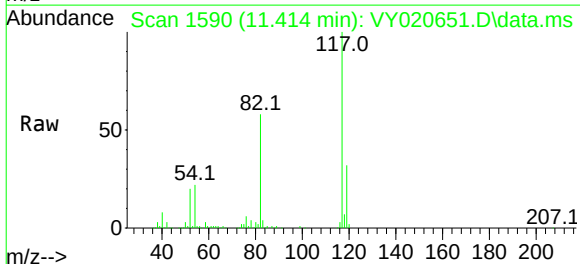
Tgt Ion:117 Resp: 125399

Ion Ratio Lower Upper

117 100

82 58.1 45.8 68.6

119 32.3 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020651.D

Acq: 19 Dec 2024 13:39

Tgt Ion:152 Resp: 47266

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 157.1 0.0 355.4

