

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020656.D
 Acq On : 19 Dec 2024 15:36
 Operator : SY/MD
 Sample : P5306-09
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-11-121224

Quant Time: Dec 20 00:55:43 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	183535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	322870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124576	61.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.960%
35) Dibromofluoromethane	7.634	113	125708	55.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.103	98	467544	58.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.400%
62) 4-Bromofluorobenzene	12.408	95	145902	46.831	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.660%

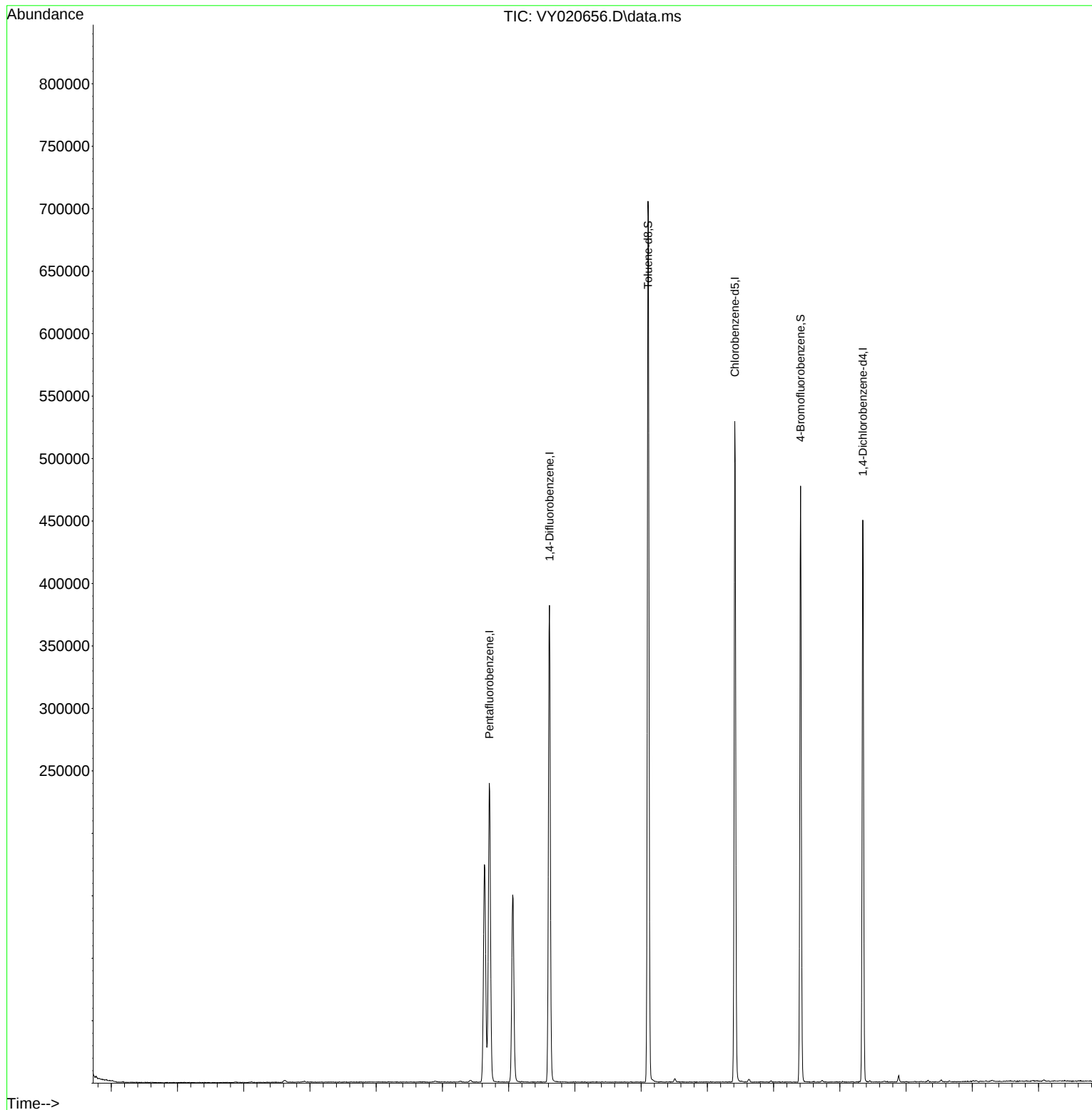
Target Compounds Qvalue

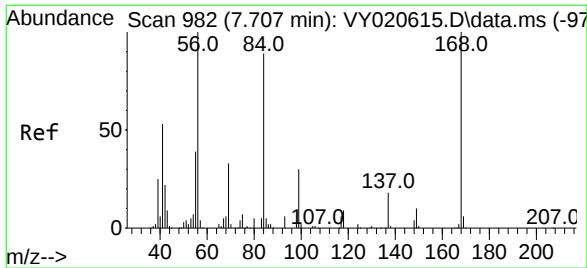
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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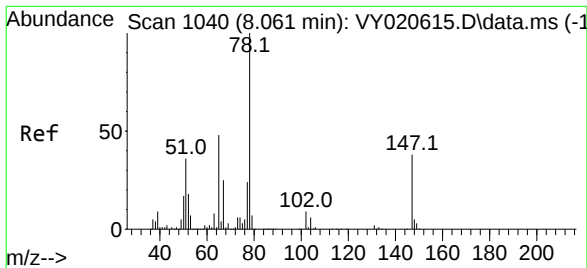
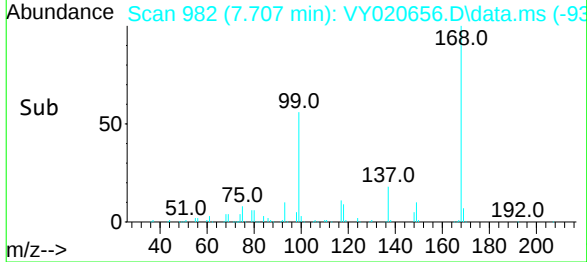
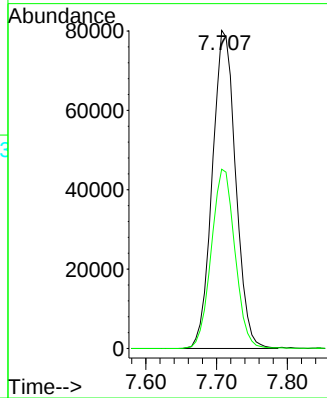
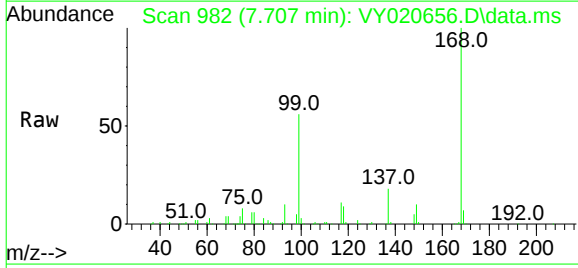




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020656.D
Acq: 19 Dec 2024 15:36

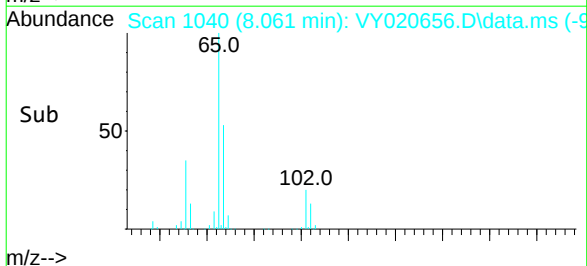
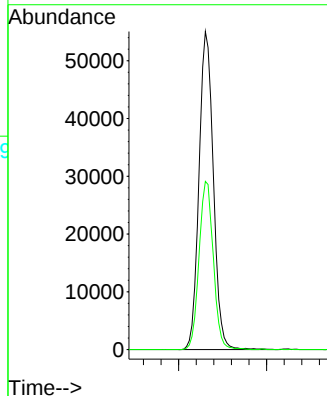
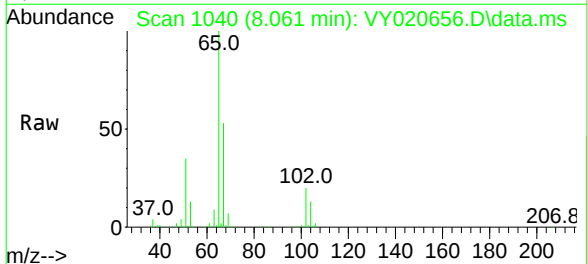
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-11-121224

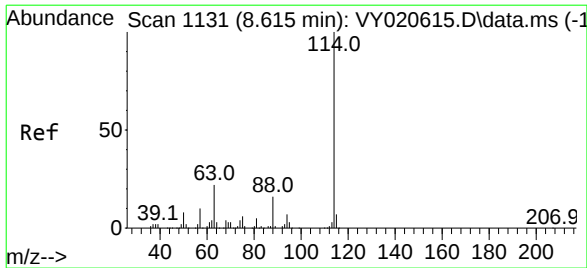
Tgt Ion:168 Resp: 183535
Ion Ratio Lower Upper
168 100
99 56.4 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 61.975 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020656.D
Acq: 19 Dec 2024 15:36

Tgt Ion: 65 Resp: 124576
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.0

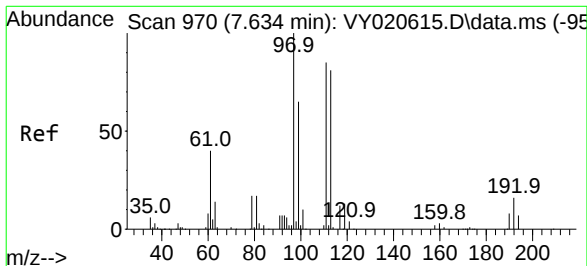
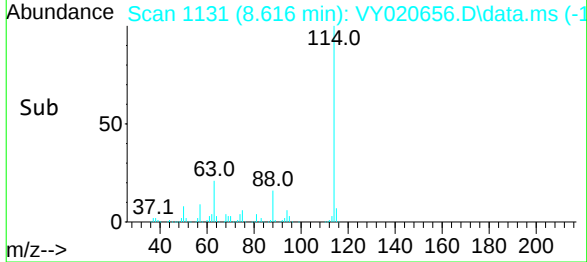
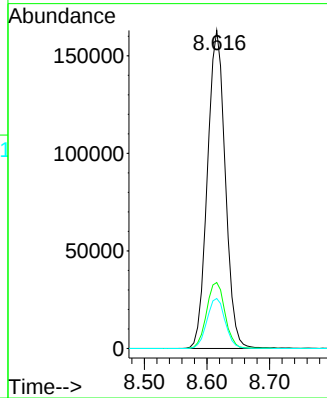
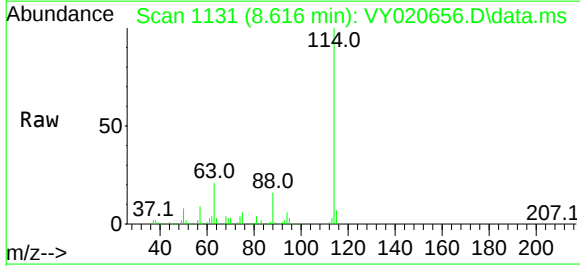




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020656.D
Acq: 19 Dec 2024 15:36

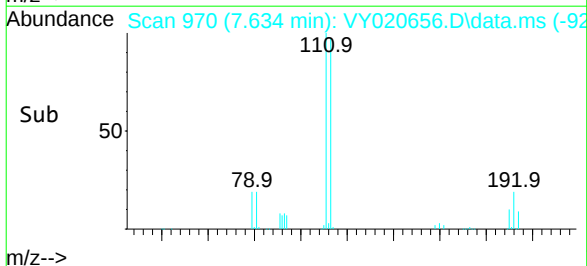
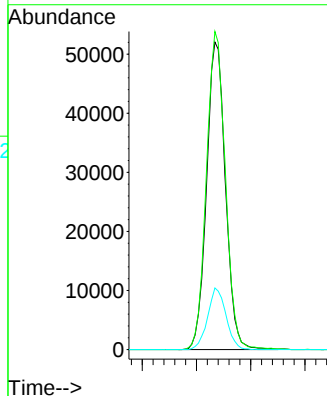
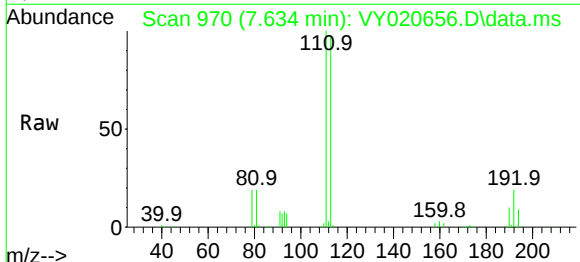
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-11-121224

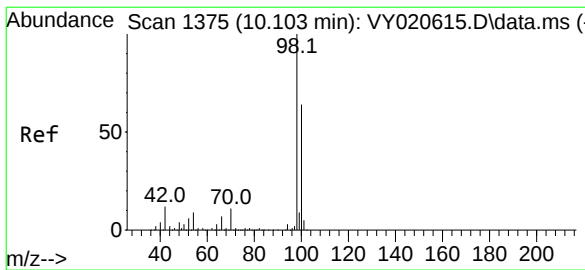
Tgt Ion:114 Resp: 322870
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.244 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020656.D
Acq: 19 Dec 2024 15:36

Tgt Ion:113 Resp: 125708
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.5 15.7 23.5





#50

Toluene-d8

Concen: 58.703 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020656.D

Acq: 19 Dec 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

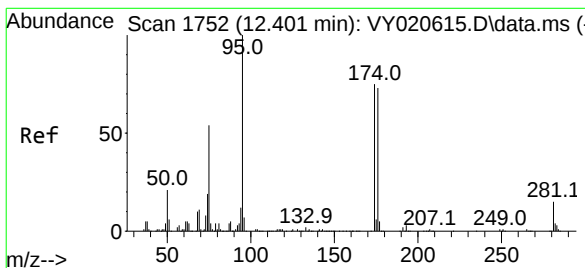
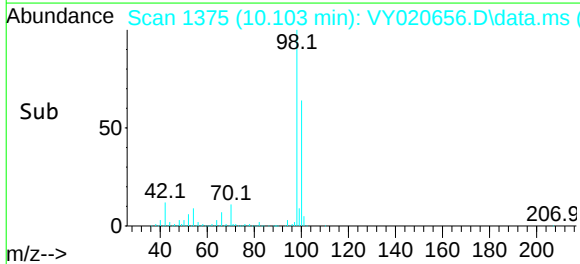
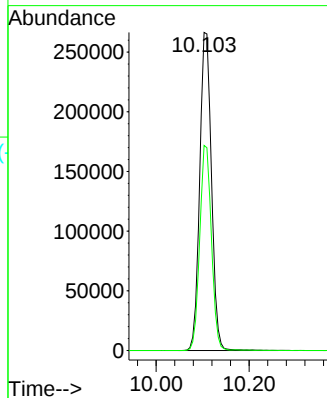
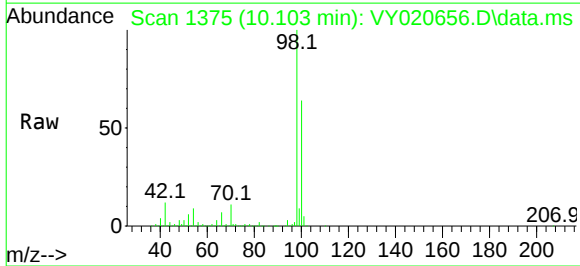
OU4-VSL-11-121224

Tgt Ion: 98 Resp: 467544

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.831 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020656.D

Acq: 19 Dec 2024 15:36

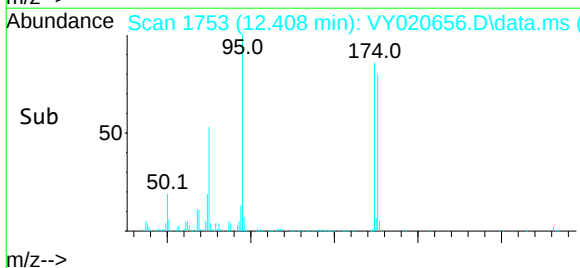
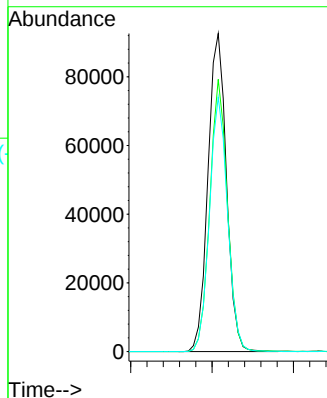
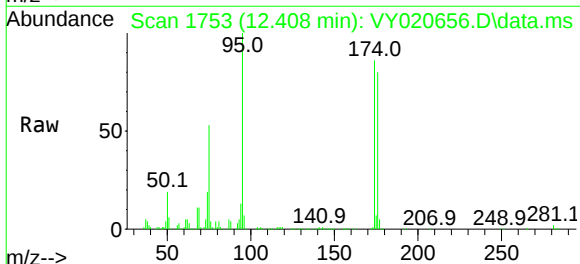
Tgt Ion: 95 Resp: 145902

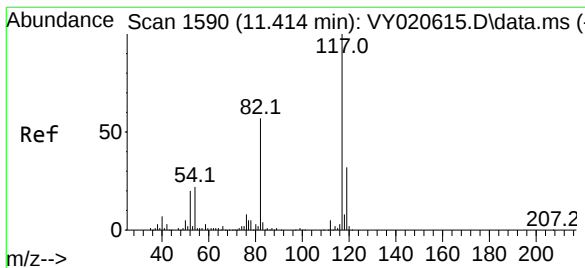
Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.8

176 78.2 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: VY020656.D

Acq: 19 Dec 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-11-121224

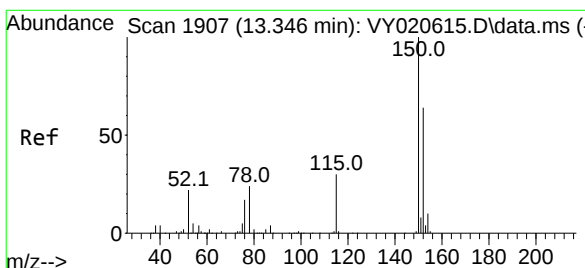
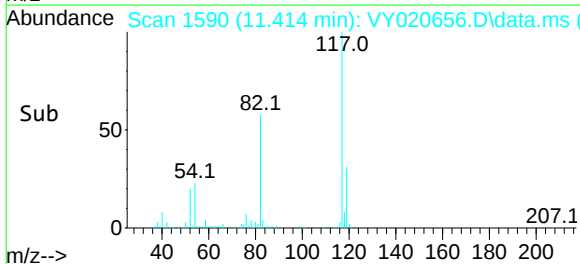
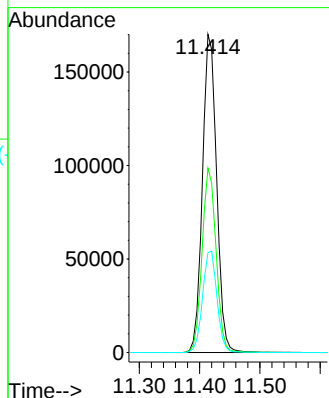
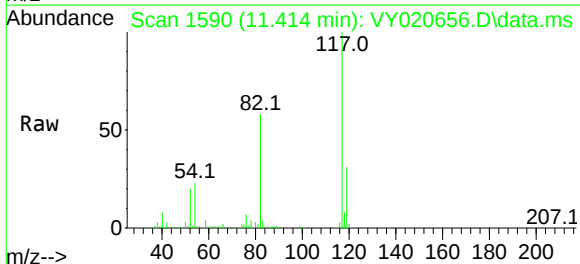
Tgt Ion:117 Resp: 277473

Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.6

119 31.4 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020656.D

Acq: 19 Dec 2024 15:36

Tgt Ion:152 Resp: 112091

Ion Ratio Lower Upper

152 100

115 58.6 30.2 90.6

150 156.3 0.0 355.4

