

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020115.D
 Acq On : 01 Nov 2024 12:34
 Operator : SY/MD
 Sample : P4611-07
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Nov 01 16:03:06 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	7.707	168	168727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	351970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	334736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122245	58.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.100%
35) Dibromofluoromethane	7.634	113	116969	52.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.103	98	442280	49.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.402	95	141797	49.009	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.020%

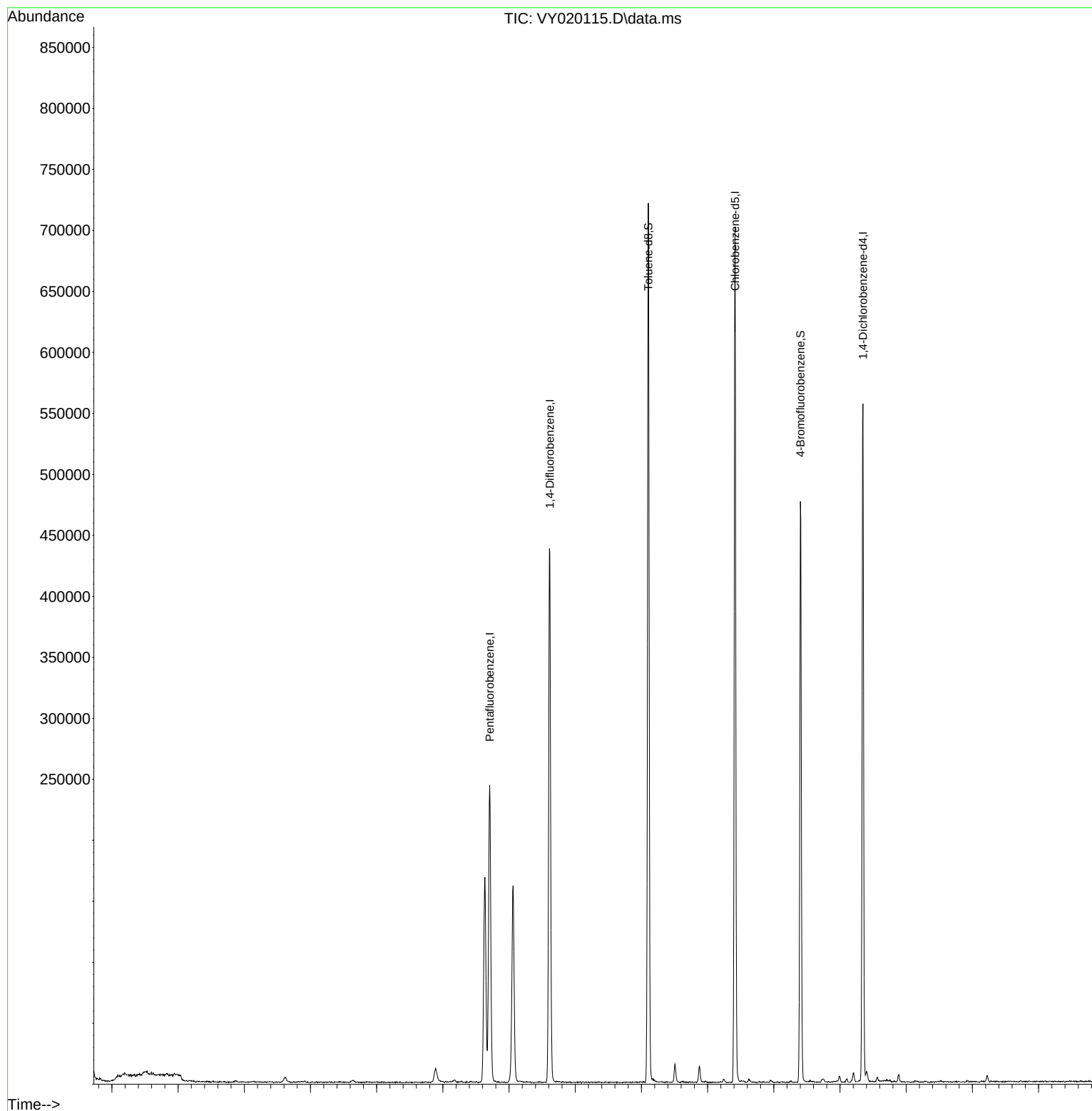
Target Compounds Qvalue

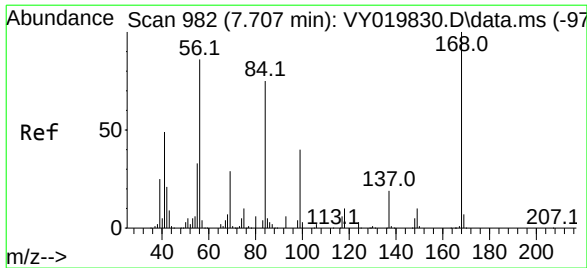
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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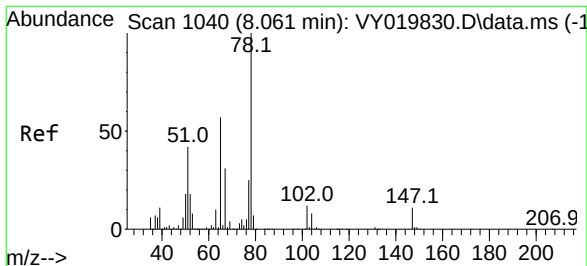
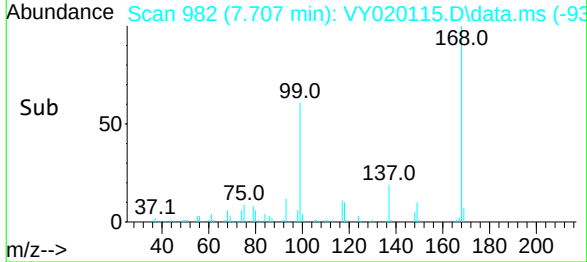
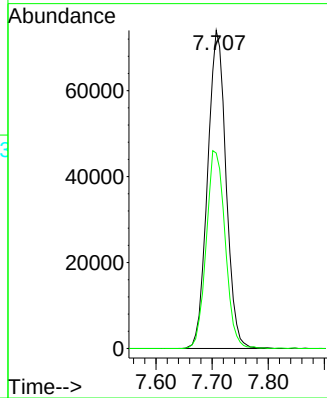
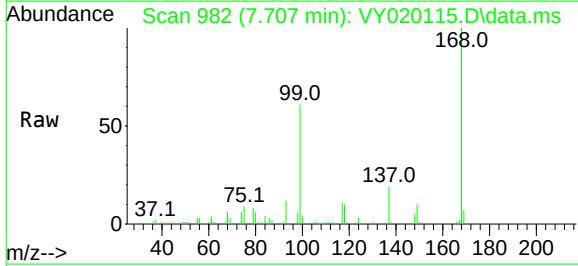




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

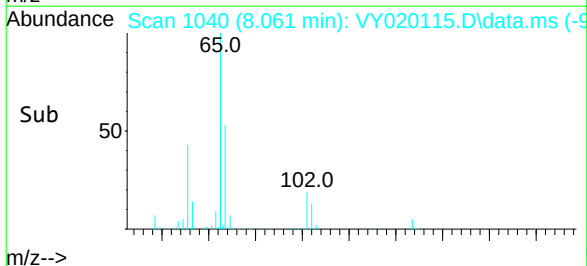
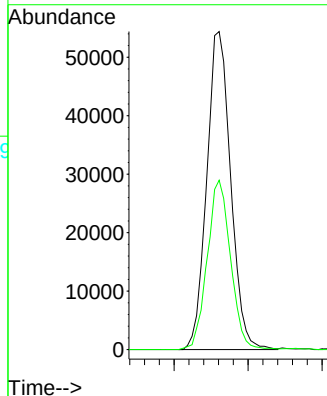
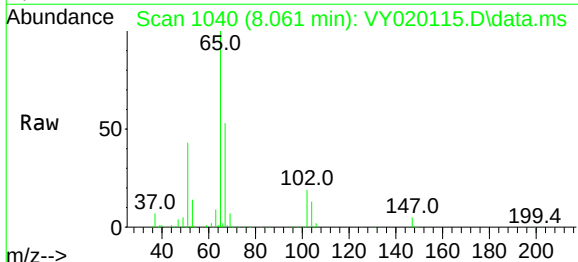
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

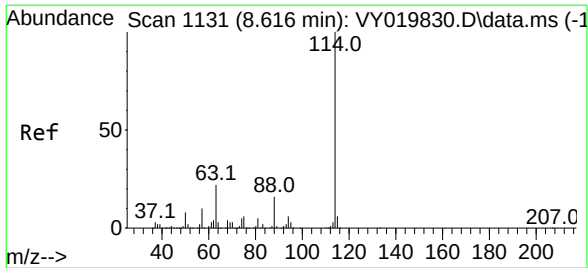
Tgt Ion:168 Resp: 168727
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.051 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Tgt Ion: 65 Resp: 122245
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

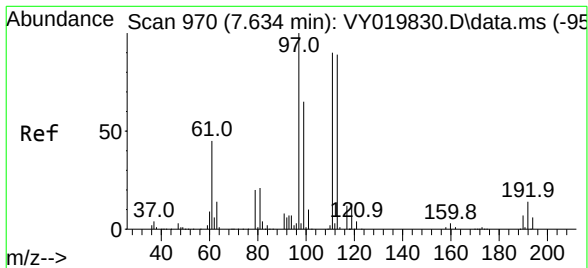
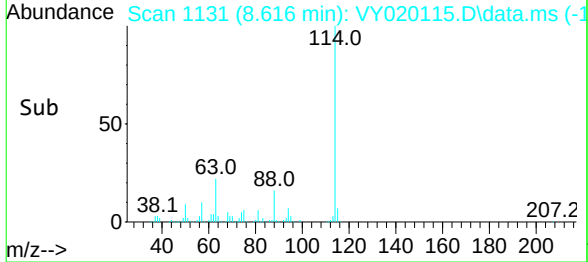
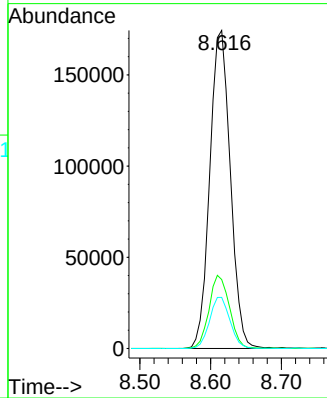
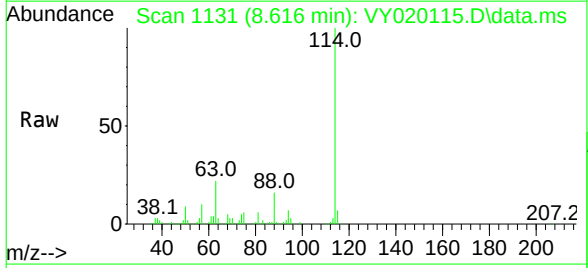




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

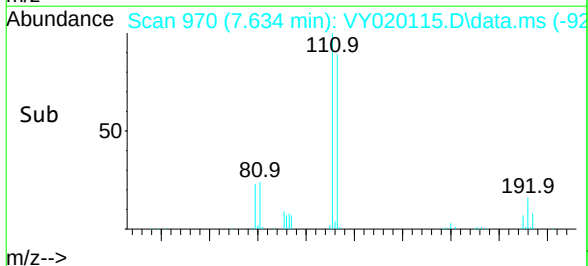
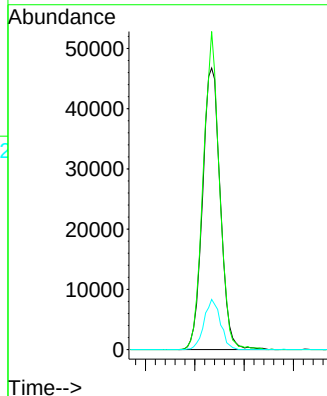
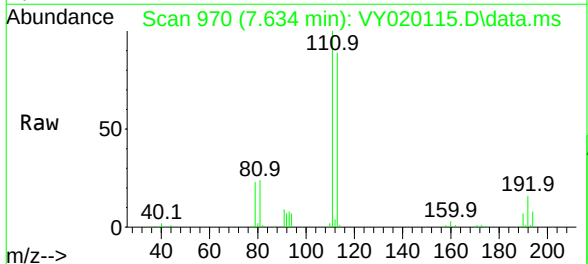
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

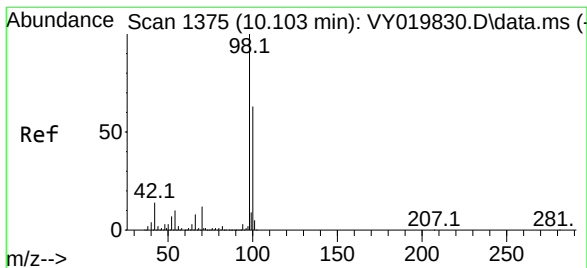
Tgt Ion:114 Resp: 351970
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.269 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020115.D
Acq: 01 Nov 2024 12:34

Tgt Ion:113 Resp: 116969
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 16.4 15.9 23.9





#50

Toluene-d8

Concen: 49.652 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020115.D

Acq: 01 Nov 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

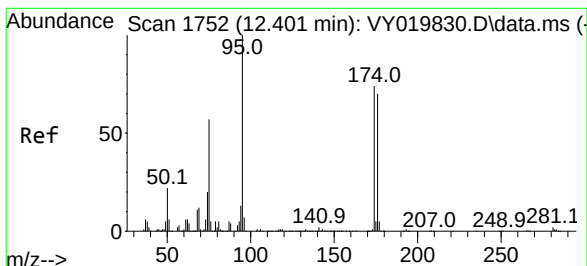
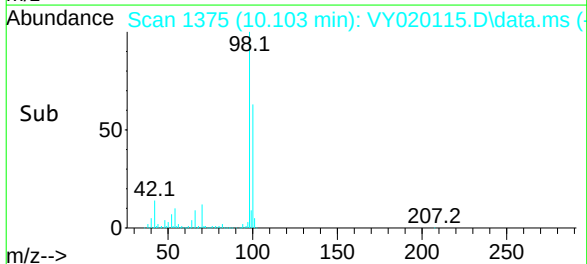
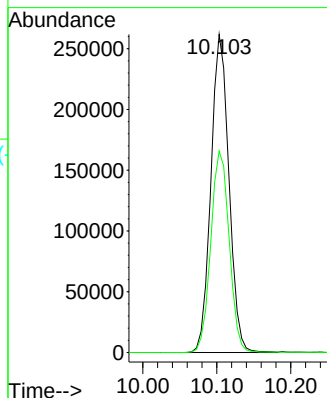
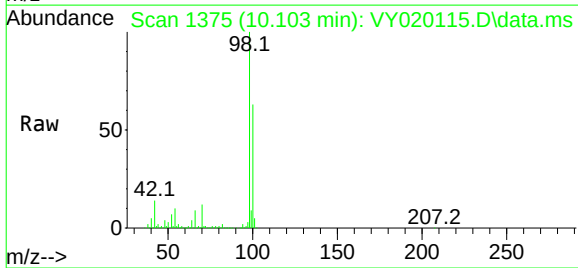
TP-3

Tgt Ion: 98 Resp: 442280

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.009 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020115.D

Acq: 01 Nov 2024 12:34

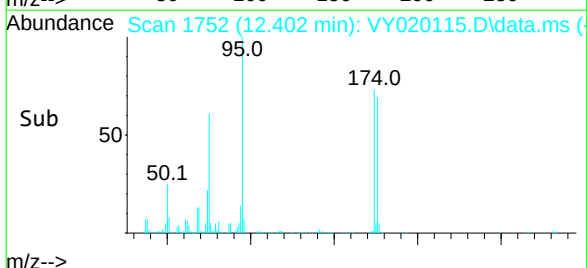
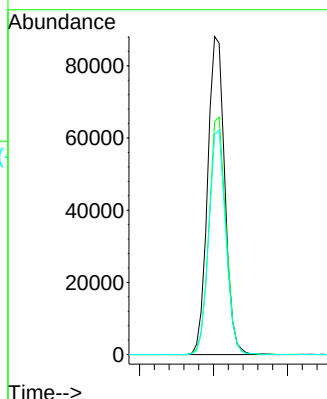
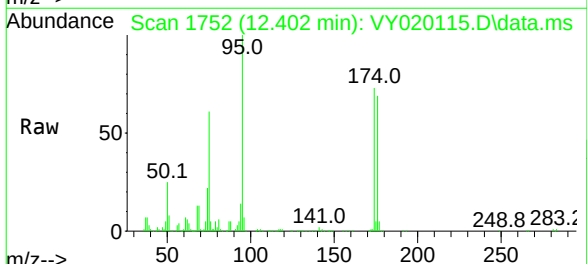
Tgt Ion: 95 Resp: 141797

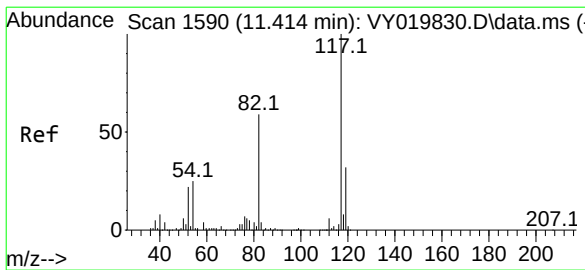
Ion Ratio Lower Upper

95 100

174 73.7 0.0 175.6

176 69.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020115.D

Acq: 01 Nov 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

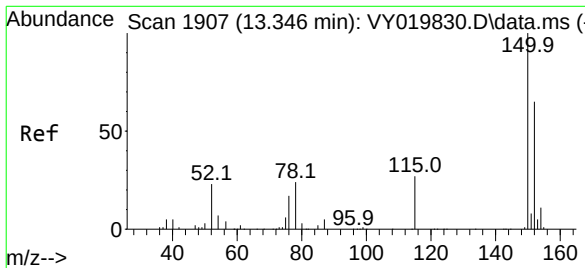
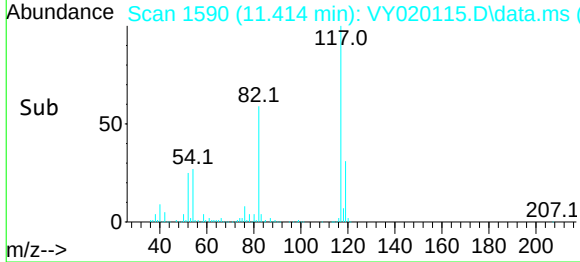
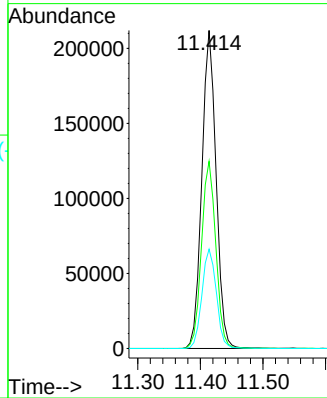
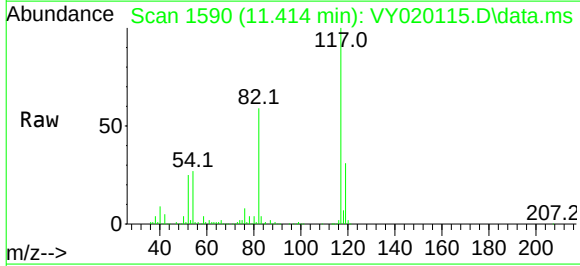
Tgt Ion:117 Resp: 334736

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020115.D

Acq: 01 Nov 2024 12:34

Tgt Ion:152 Resp: 124156

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 158.7 0.0 345.6

