

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020116.D
 Acq On : 01 Nov 2024 14:00
 Operator : SY/MD
 Sample : P4611-10
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Nov 01 16:03:13 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	183099	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	386124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	352569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134041	58.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.634	113	126293	51.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.103	98	480203	49.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.402	95	140474	44.257	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.520%

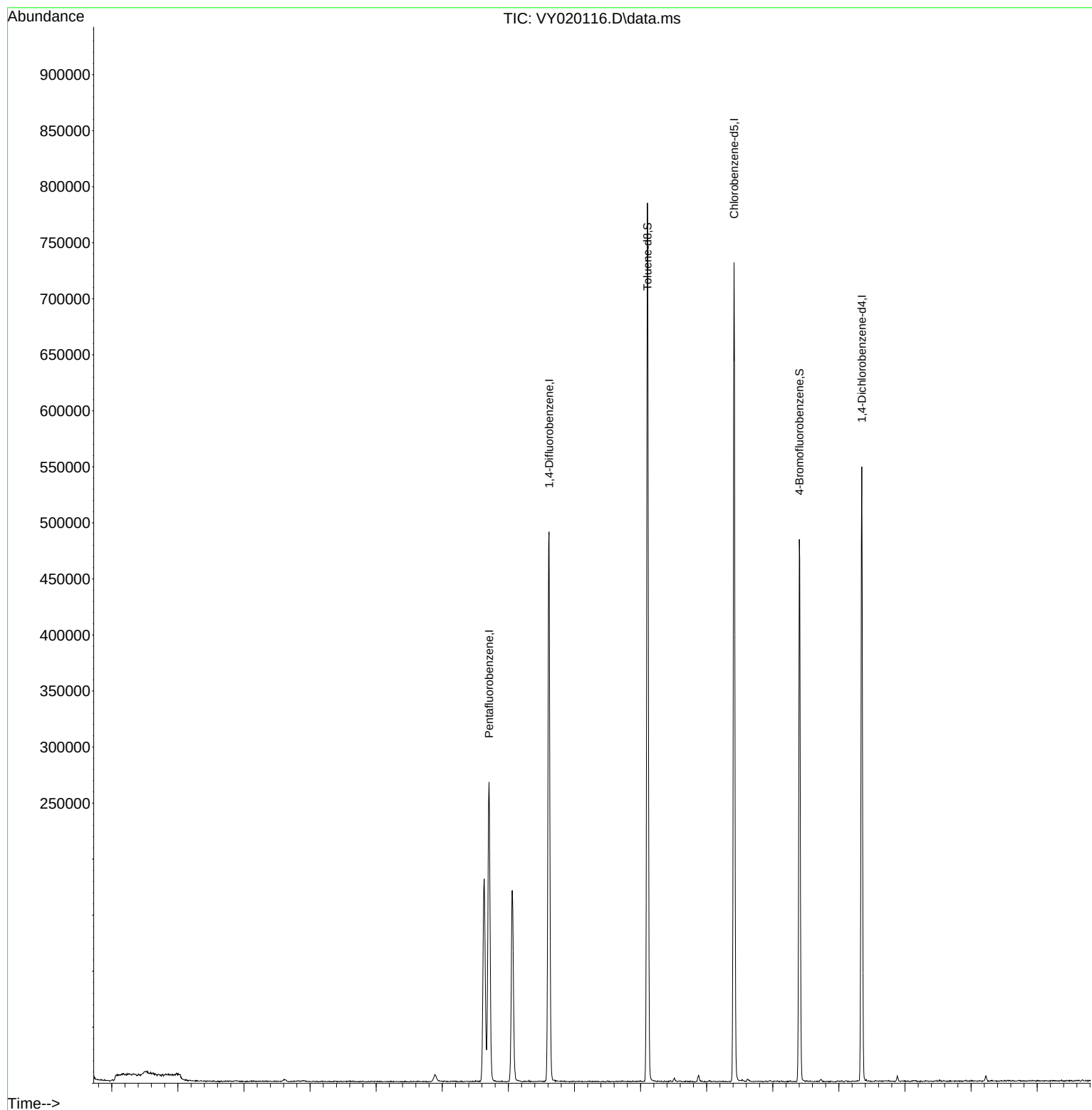
Target Compounds Qvalue

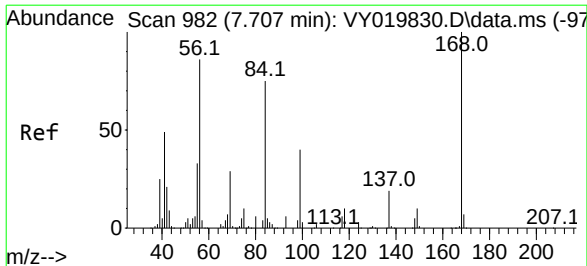
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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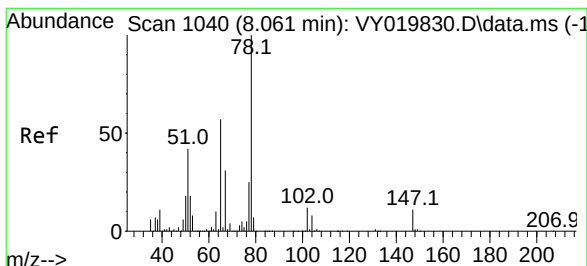
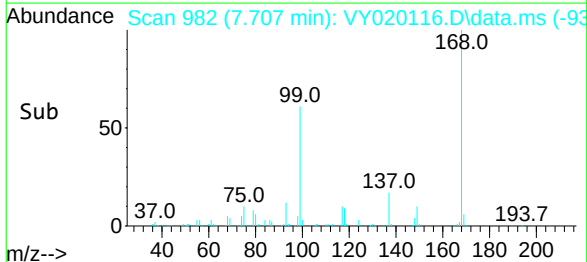
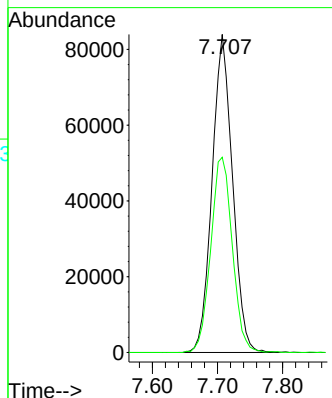
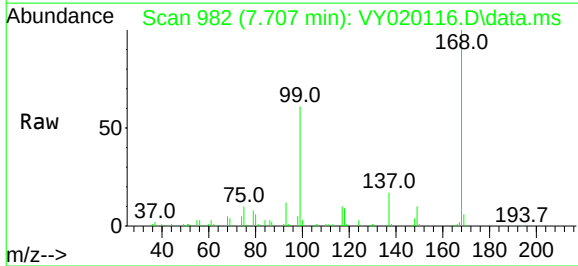




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020116.D
Acq: 01 Nov 2024 14:00

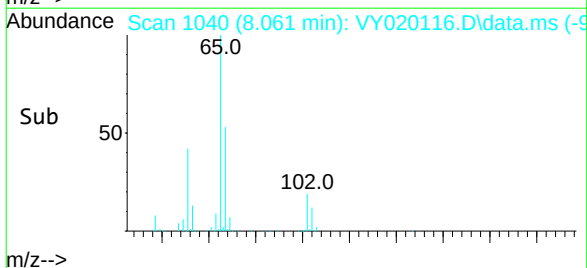
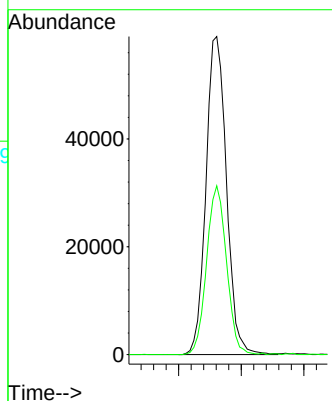
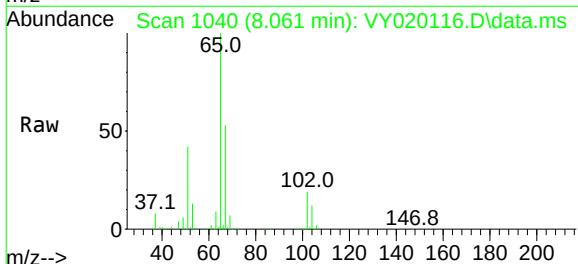
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

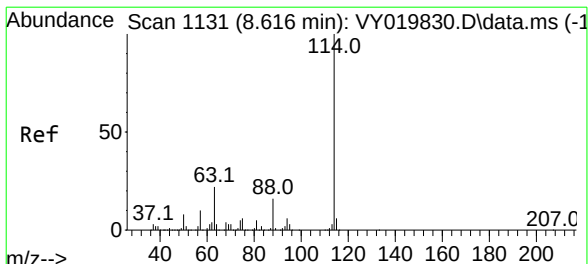
Tgt Ion:168 Resp: 183099
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.656 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020116.D
Acq: 01 Nov 2024 14:00

Tgt Ion: 65 Resp: 134041
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

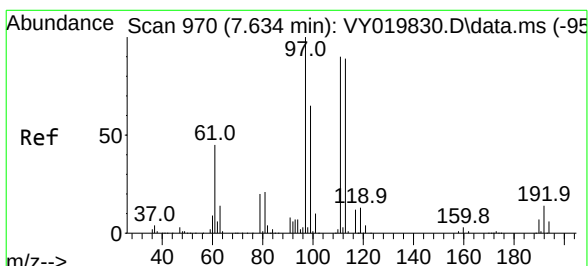
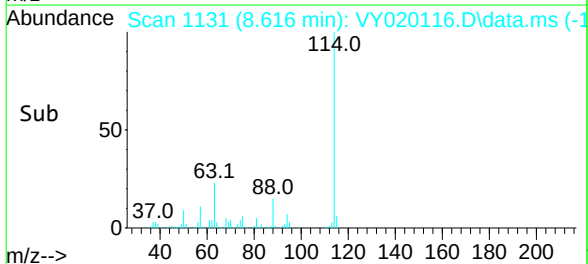
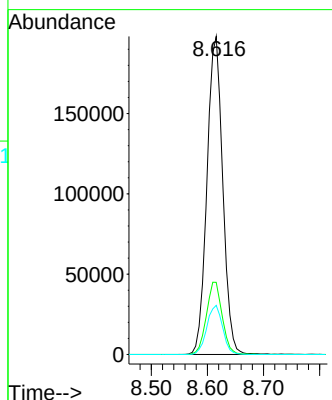
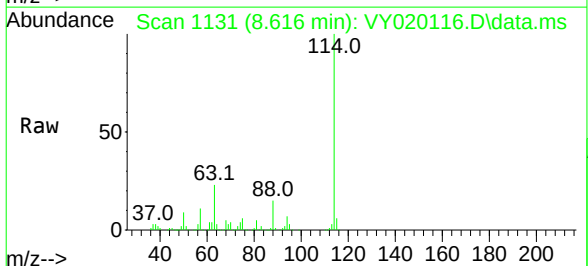




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020116.D
Acq: 01 Nov 2024 14:00

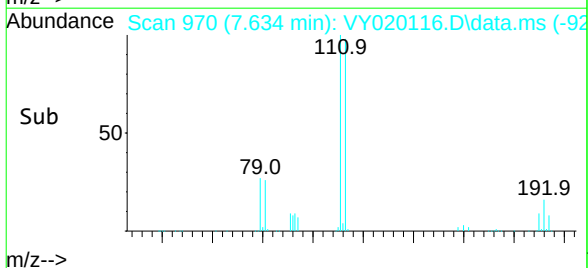
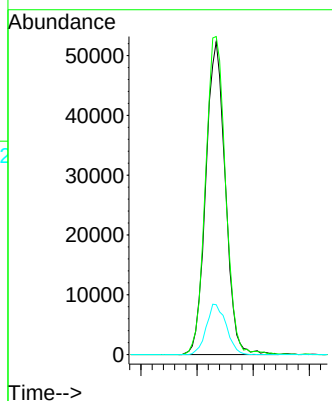
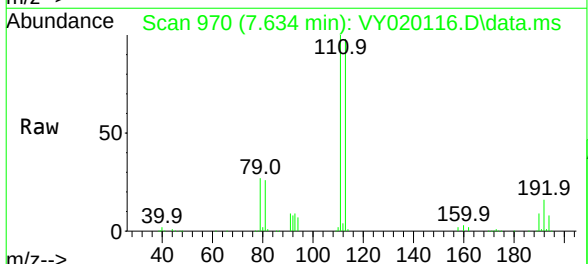
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

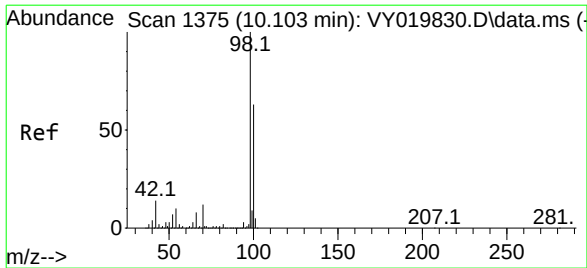
Tgt Ion:	114	Resp:	386124
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	35.0
88	15.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.444 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020116.D
Acq: 01 Nov 2024 14:00

Tgt Ion:	113	Resp:	126293
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	16.4	15.9	23.9





#50

Toluene-d8

Concen: 49.141 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020116.D

Acq: 01 Nov 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :

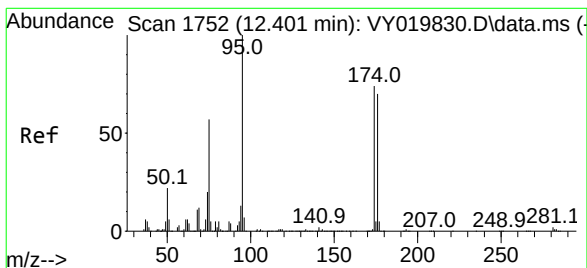
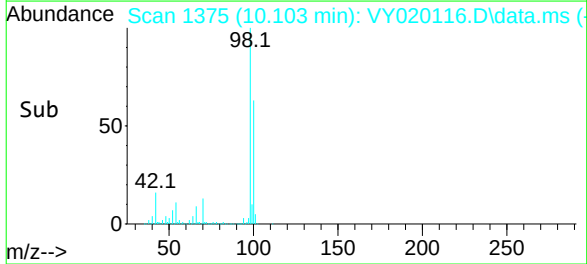
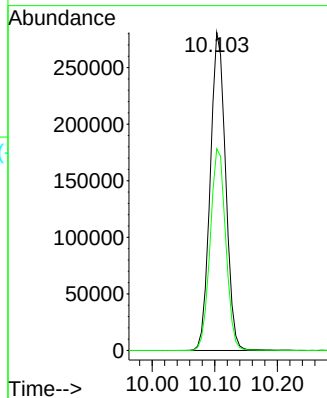
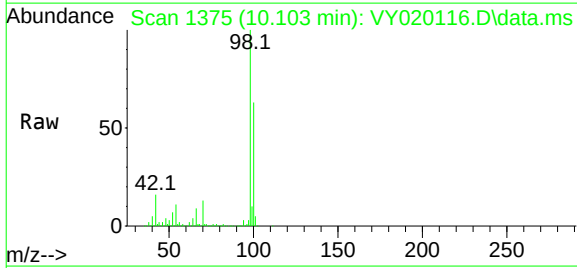
TP-4

Tgt Ion: 98 Resp: 480203

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.257 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020116.D

Acq: 01 Nov 2024 14:00

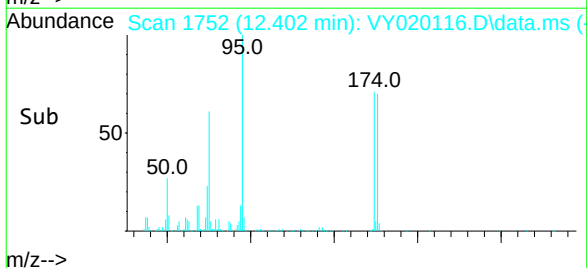
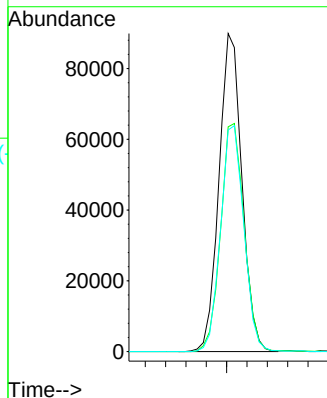
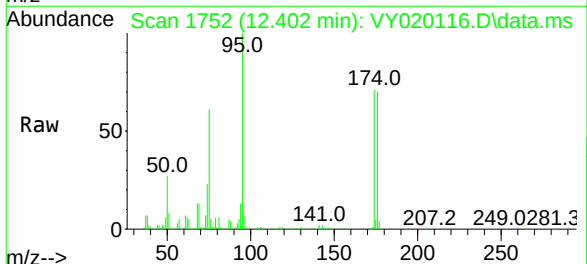
Tgt Ion: 95 Resp: 140474

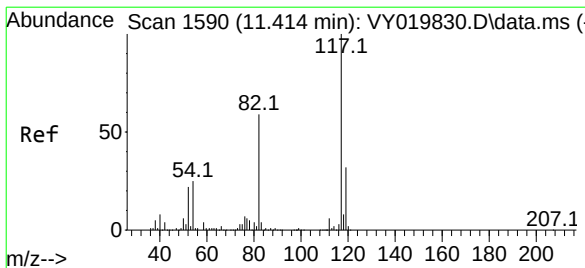
Ion Ratio Lower Upper

95 100

174 73.7 0.0 175.6

176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020116.D

Acq: 01 Nov 2024 14:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

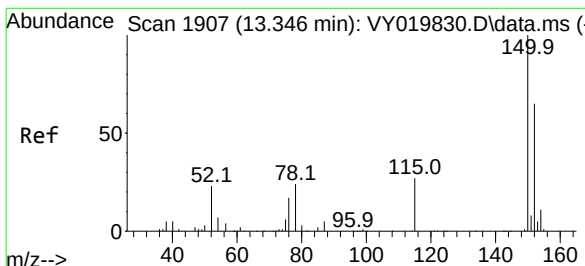
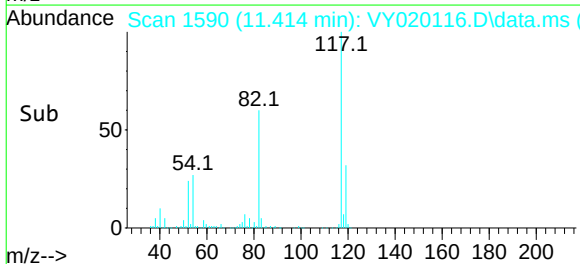
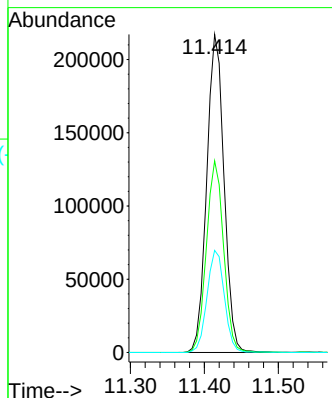
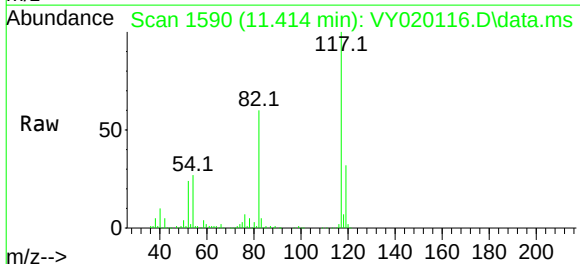
Tgt Ion:117 Resp: 352569

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 32.1 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: VY020116.D

Acq: 01 Nov 2024 14:00

Tgt Ion:152 Resp: 123426

Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 157.8 0.0 345.6

