

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020253.D
 Acq On : 11 Nov 2024 17:09
 Operator : SY/MD
 Sample : P4779-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-01

Quant Time: Nov 11 23:18:46 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	7.713	168	6167	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	14198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	2005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	6545	85.035	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.080%#
35) Dibromofluoromethane	7.640	113	5745	63.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.280%
50) Toluene-d8	10.109	98	15601	43.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.840%
62) 4-Bromofluorobenzene	12.408	95	3493	29.929	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	59.860%

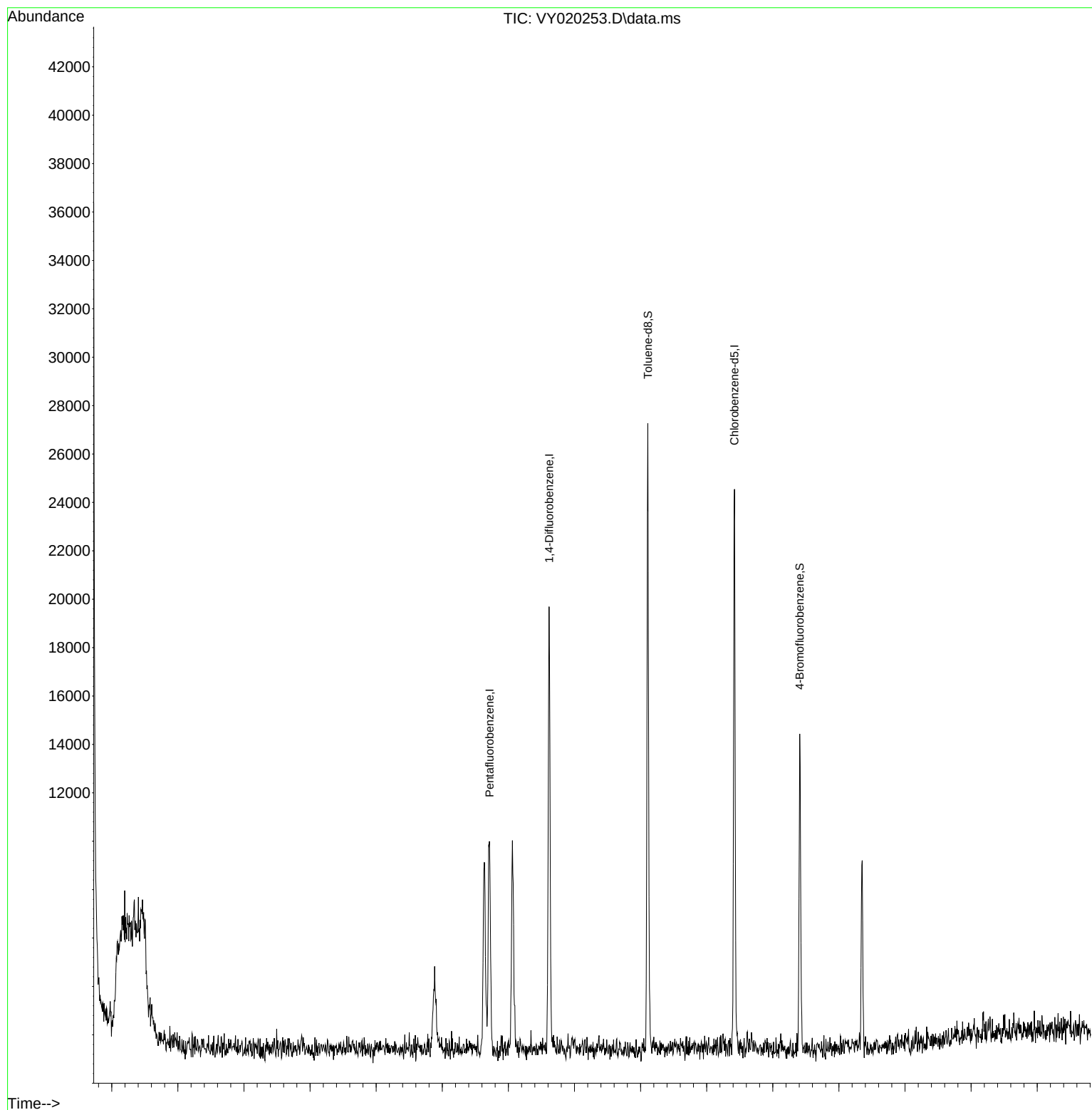
Target Compounds Qvalue

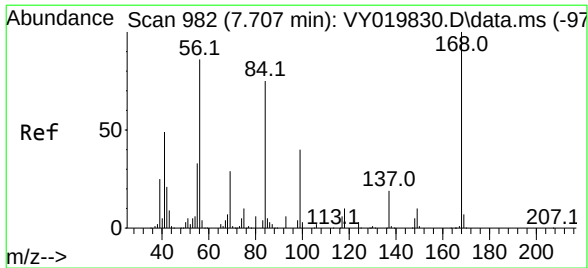
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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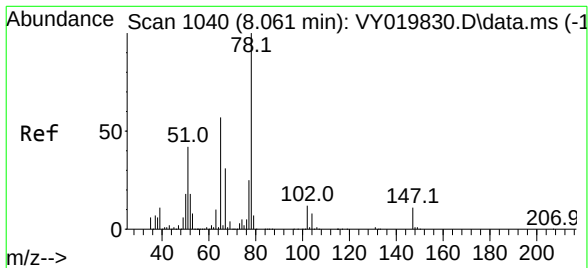
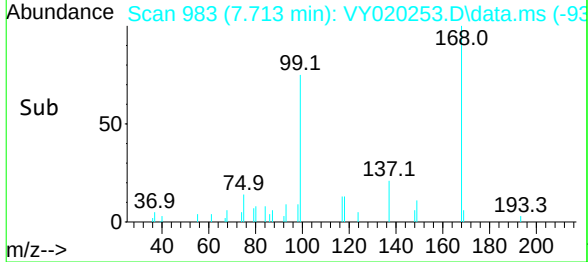
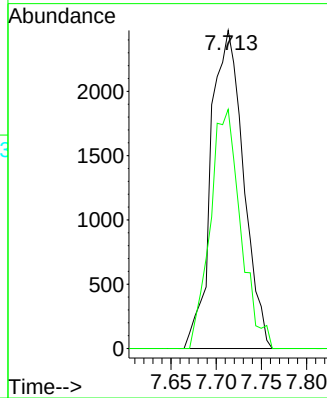
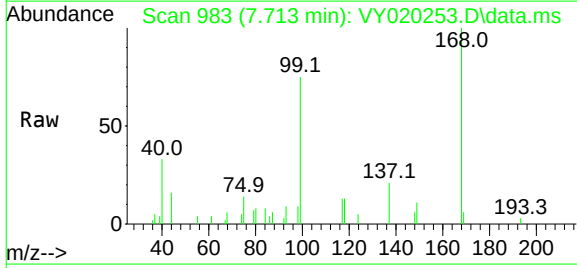




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020253.D
Acq: 11 Nov 2024 17:09

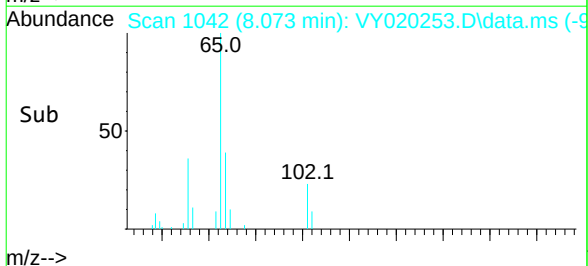
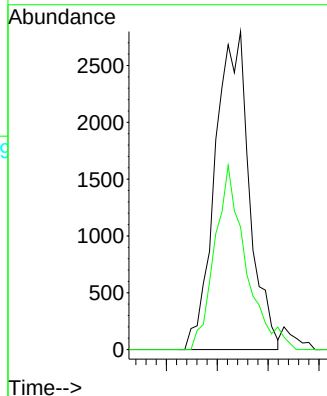
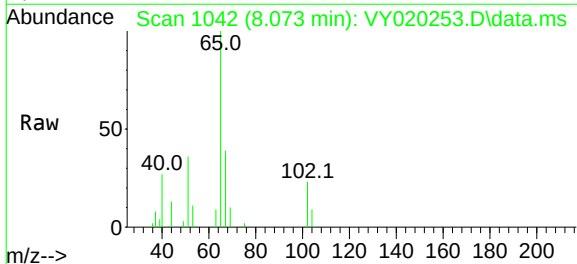
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-01

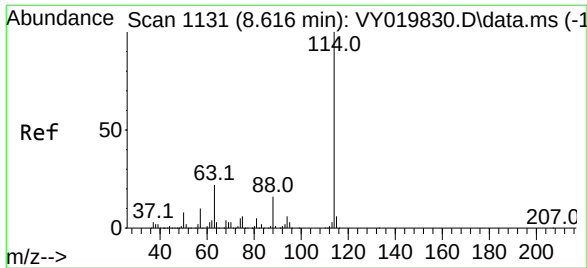
Tgt Ion:168 Resp: 6167
Ion Ratio Lower Upper
168 100
99 75.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 85.035 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020253.D
Acq: 11 Nov 2024 17:09

Tgt Ion: 65 Resp: 6545
Ion Ratio Lower Upper
65 100
67 52.5 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: VY020253.D

Acq: 11 Nov 2024 17:09

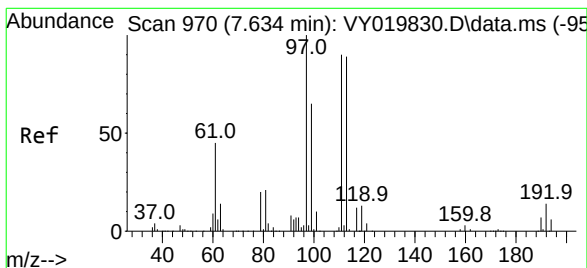
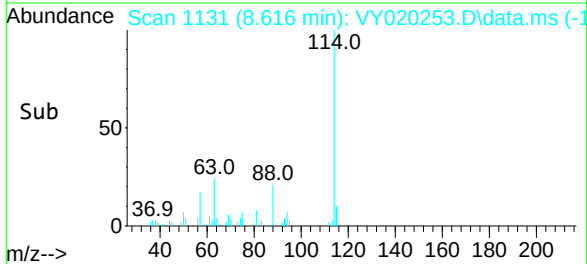
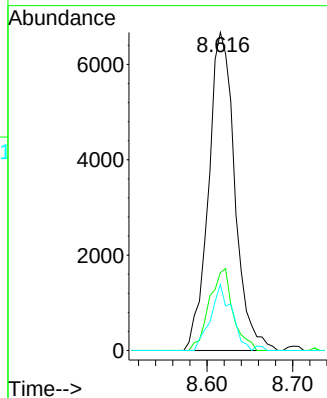
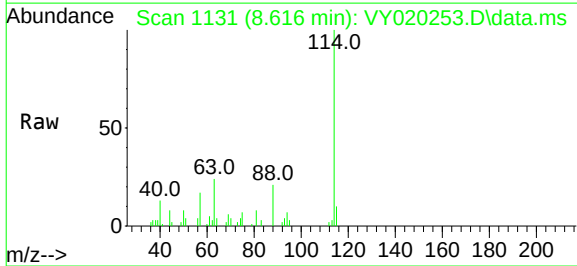
Instrument :

MSVOA_Y

ClientSampleId :

SOIL-01

Tgt Ion:	114	Resp:	14198
Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	35.0
88	20.8	0.0	27.2



#35

Dibromofluoromethane

Concen: 63.642 ug/l

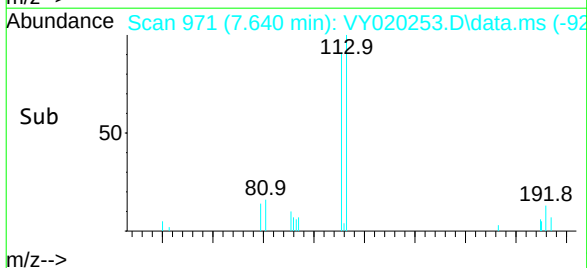
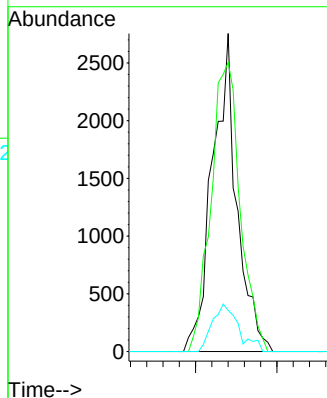
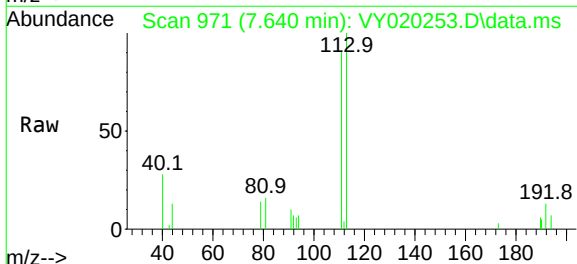
RT: 7.640 min Scan# 971

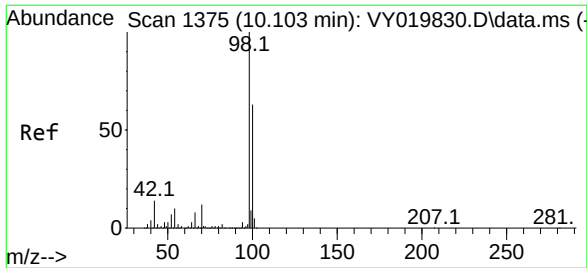
Delta R.T. 0.006 min

Lab File: VY020253.D

Acq: 11 Nov 2024 17:09

Tgt Ion:	113	Resp:	5745
Ion	Ratio	Lower	Upper
113	100		
111	108.7	82.2	123.4
192	16.1	15.9	23.9





#50

Toluene-d8

Concen: 43.418 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020253.D

Acq: 11 Nov 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

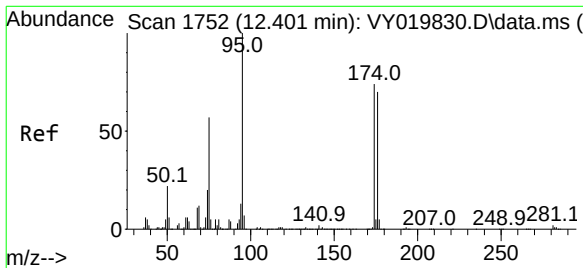
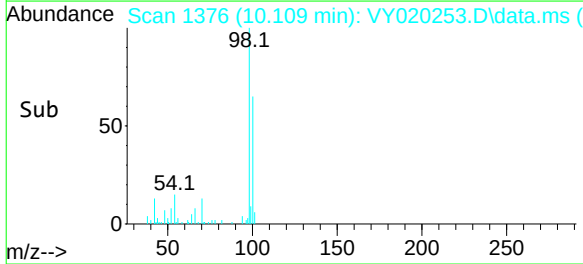
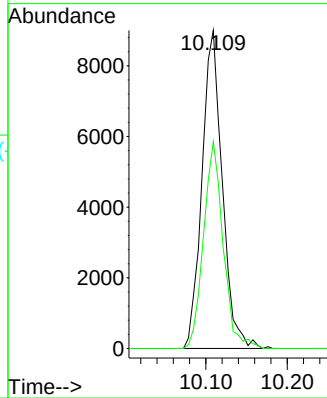
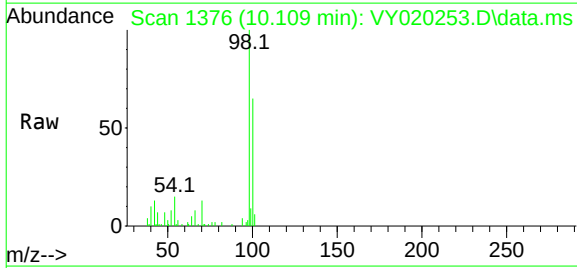
SOIL-01

Tgt Ion: 98 Resp: 15601

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.929 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020253.D

Acq: 11 Nov 2024 17:09

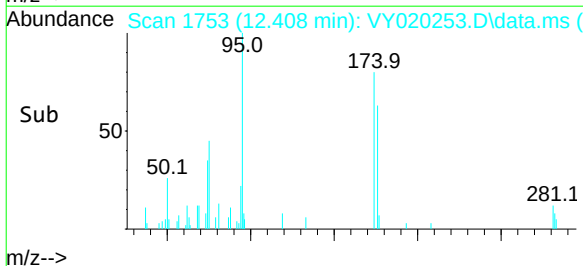
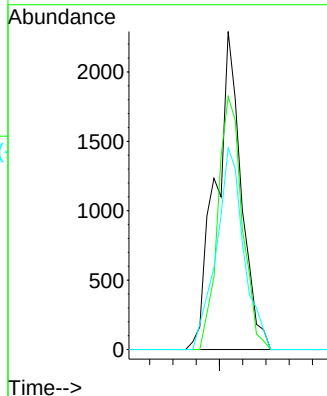
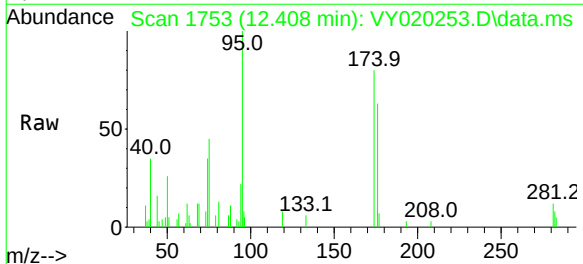
Tgt Ion: 95 Resp: 3493

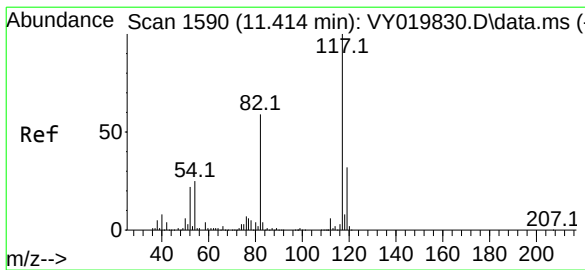
Ion Ratio Lower Upper

95 100

174 75.8 0.0 175.6

176 68.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020253.D

Acq: 11 Nov 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-01

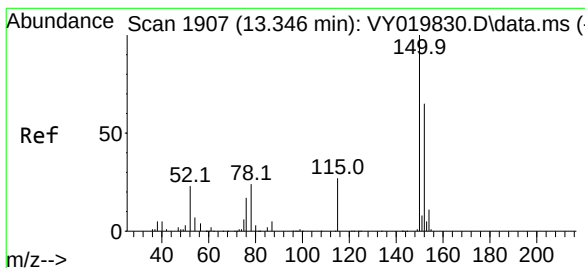
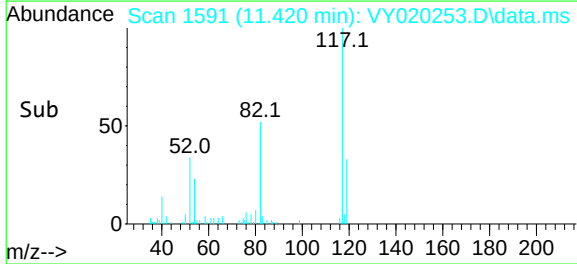
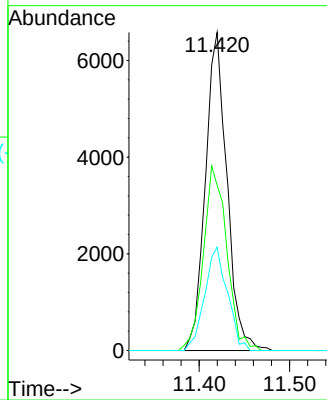
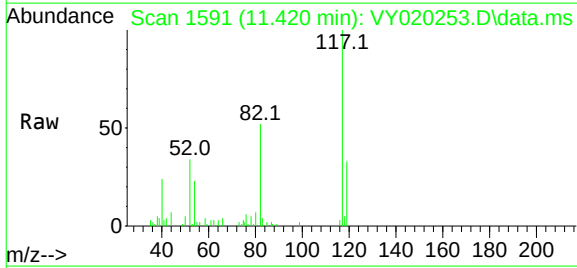
Tgt Ion:117 Resp: 10914

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020253.D

Acq: 11 Nov 2024 17:09

Tgt Ion:152 Resp: 2005

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 140.6 0.0 345.6

