

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020293.D
 Acq On : 13 Nov 2024 19:09
 Operator : SY/MD
 Sample : P4822-07
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-4

Quant Time: Nov 14 01:02:26 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	222193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	449384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	277882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	81233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	141337	50.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.940%
35) Dibromofluoromethane	7.640	113	145036	50.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.109	98	400010	35.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.340%
62) 4-Bromofluorobenzene	12.408	95	104748	28.356	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.720%

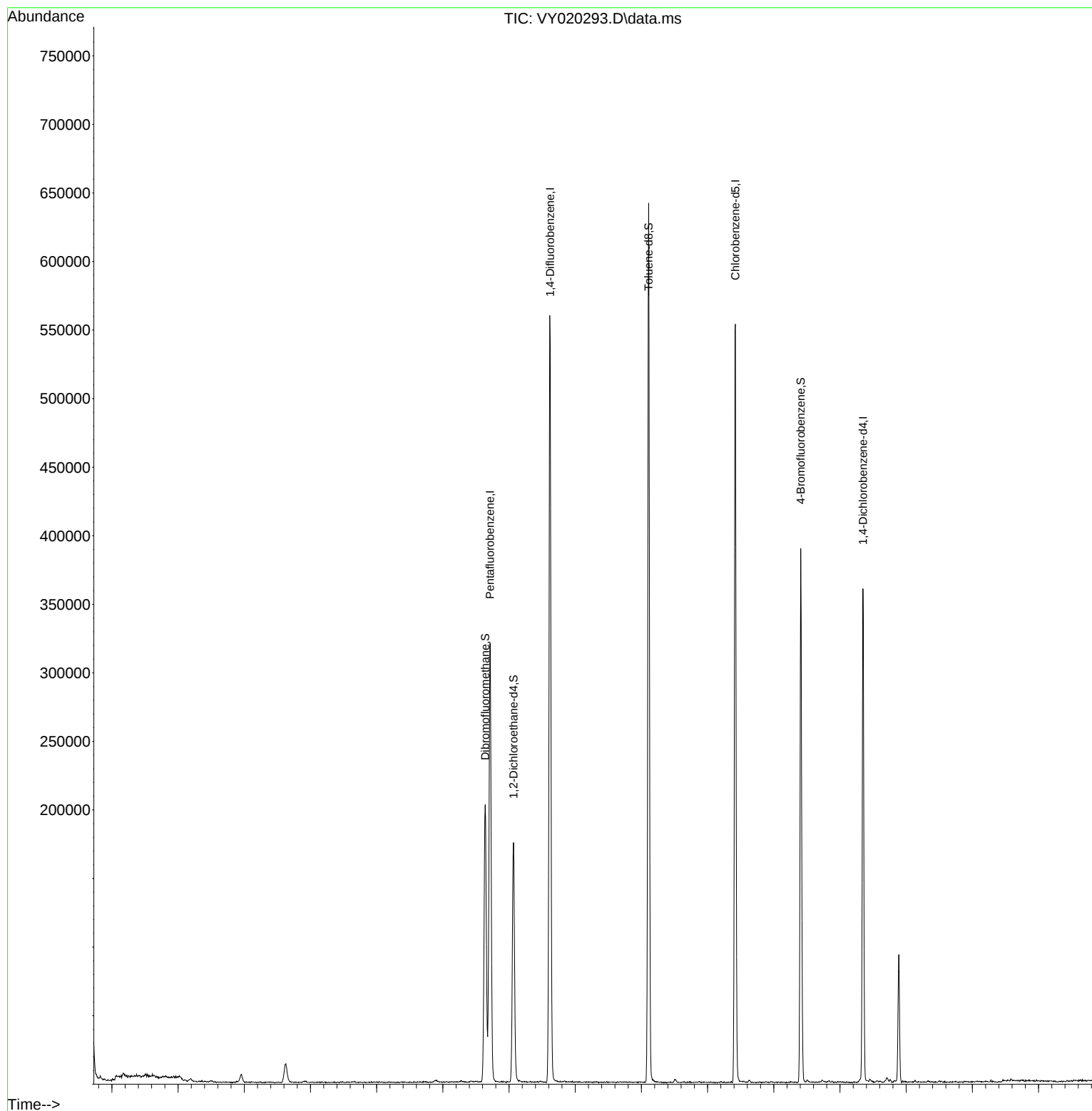
Target Compounds	Qvalue

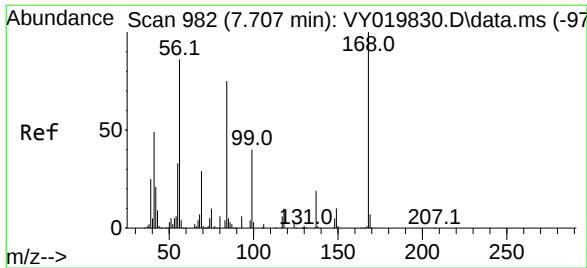
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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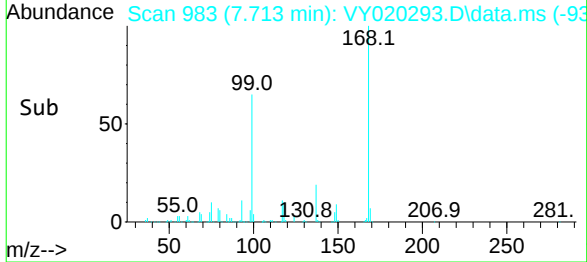
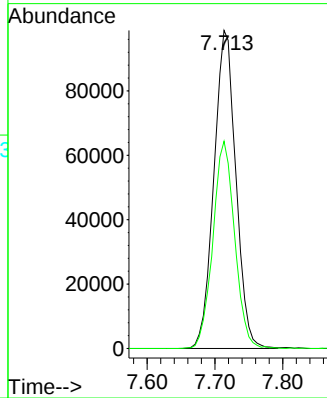
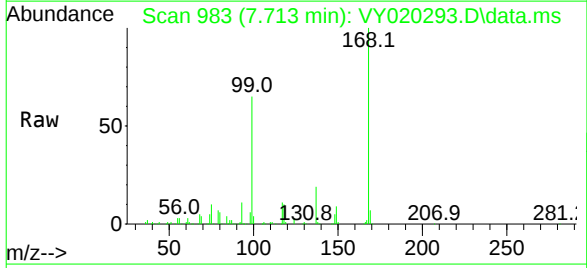




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

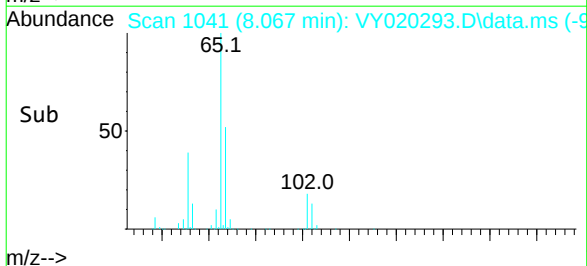
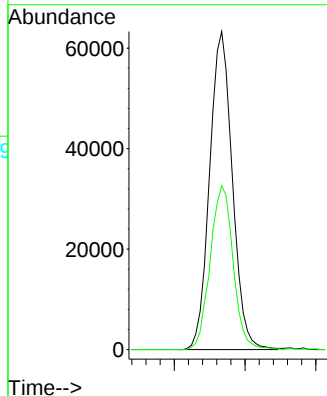
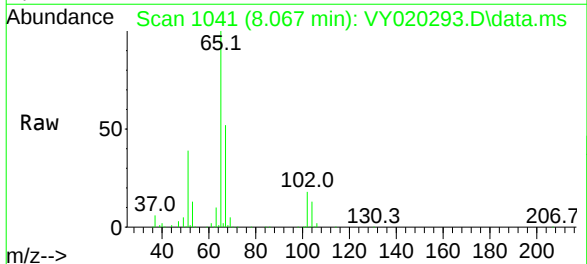
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

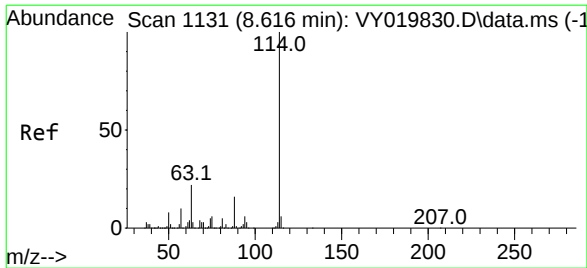
Tgt Ion:168 Resp: 222193
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 50.967 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

Tgt Ion: 65 Resp: 141337
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

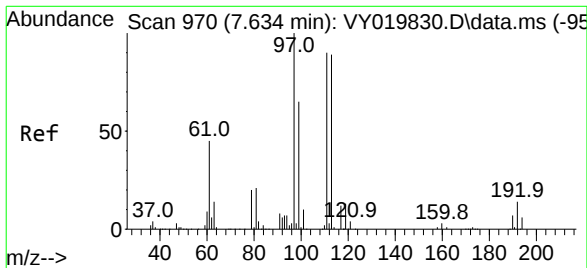
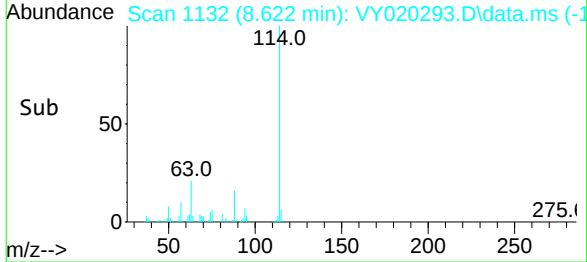
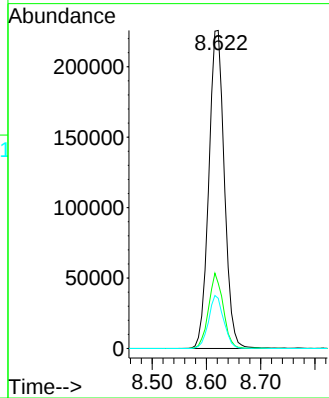
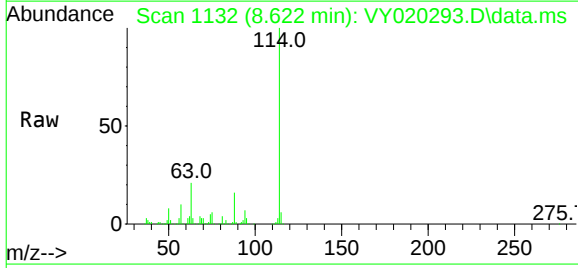




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

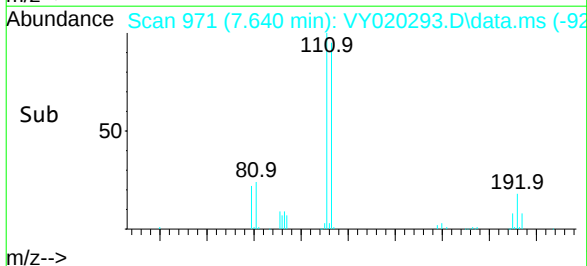
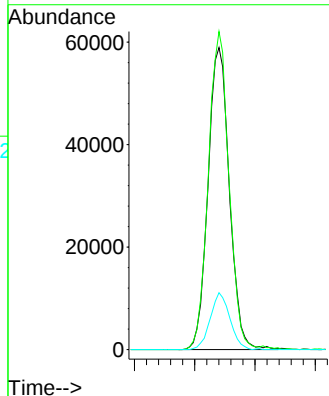
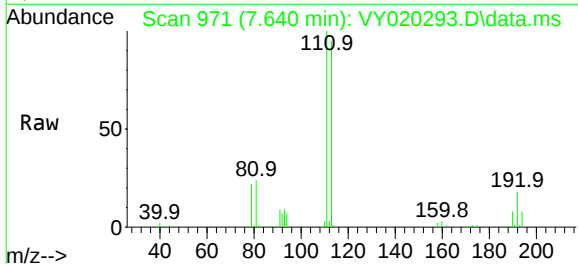
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

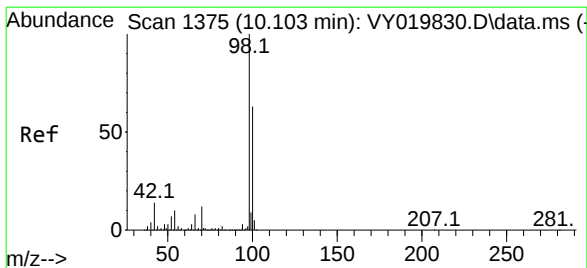
Tgt Ion:	114	Resp:	449384
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	35.0
88	15.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

Tgt Ion:	113	Resp:	145036
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.4
192	17.3	15.9	23.9





#50

Toluene-d8

Concen: 35.172 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

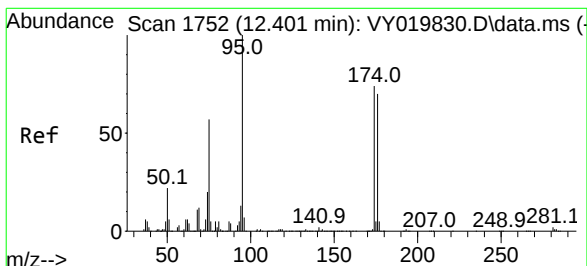
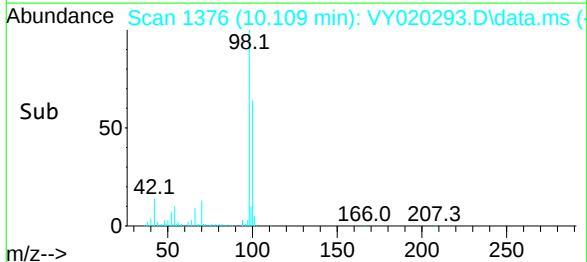
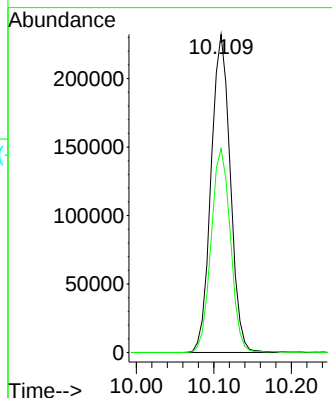
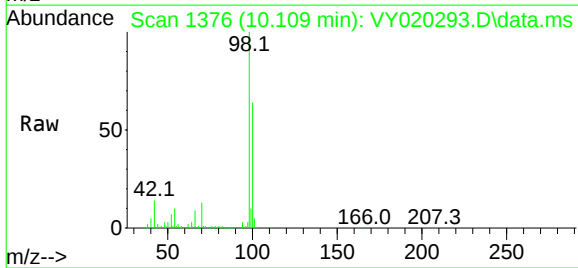
SOIL-4

Tgt Ion: 98 Resp: 400010

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 28.356 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

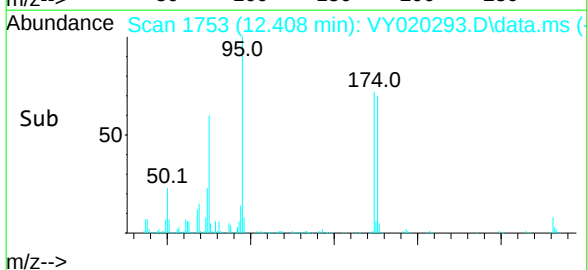
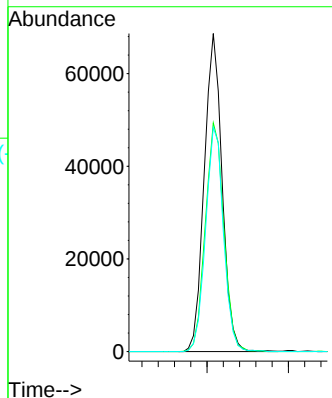
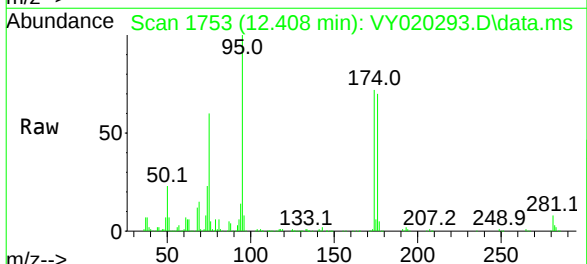
Tgt Ion: 95 Resp: 104748

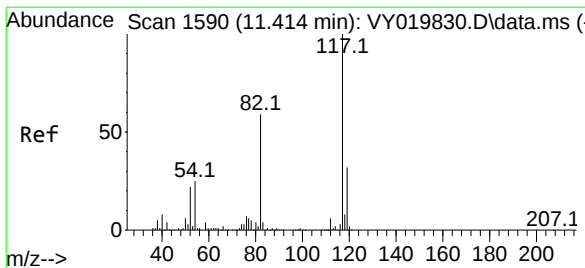
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 70.6 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: VY020293.D

Acq: 13 Nov 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-4

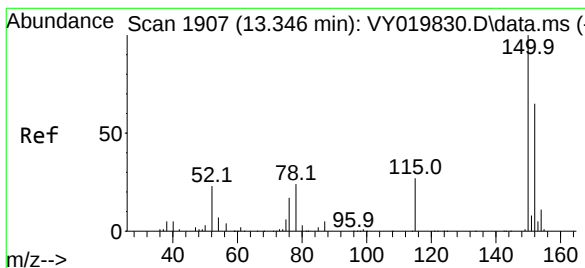
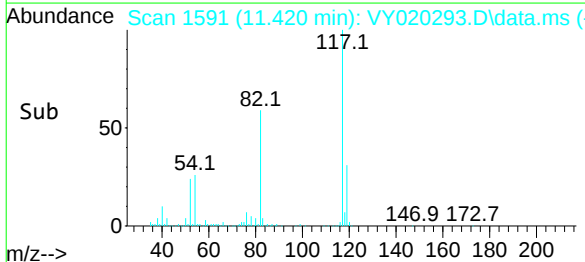
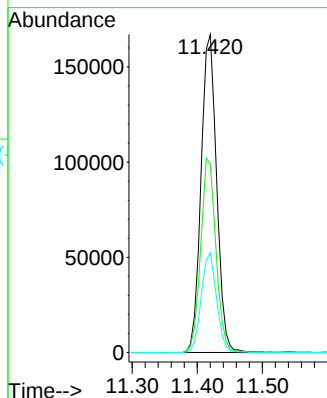
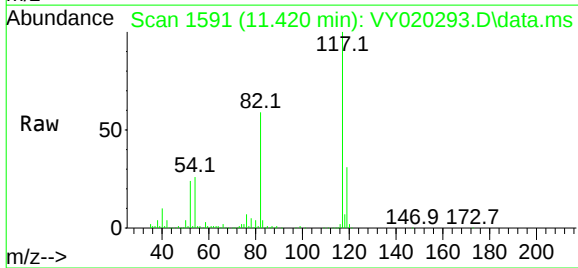
Tgt Ion:117 Resp: 277882

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

Tgt Ion:152 Resp: 81233

Ion Ratio Lower Upper

152 100

115 60.1 28.2 84.7

150 159.5 0.0 345.6

