

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020099.D
 Acq On : 31 Oct 2024 16:59
 Operator : SY/MD
 Sample : P4618-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-102924

Quant Time: Nov 01 03:49:41 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	177376	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	376948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	357844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122121	55.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.320%	
35) Dibromofluoromethane	7.634	113	121698	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.103	98	479853	50.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.402	95	161283	52.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.100%	

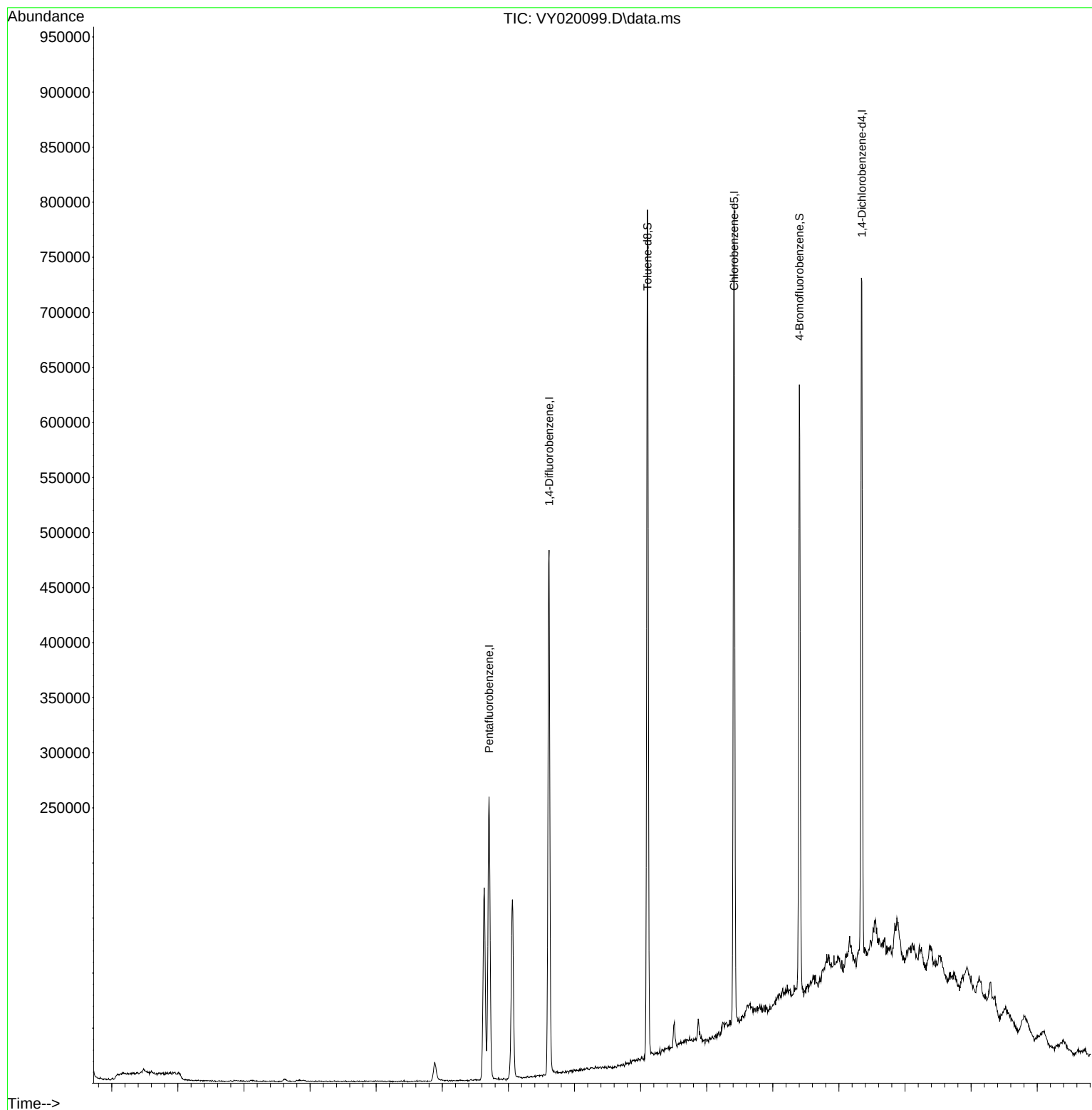
Target Compounds Qvalue

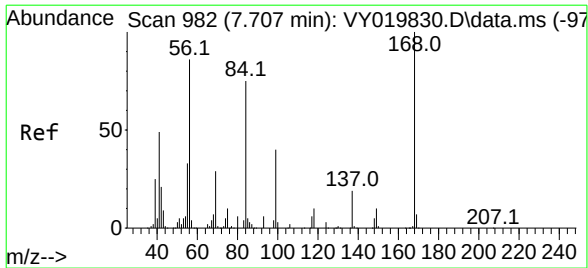
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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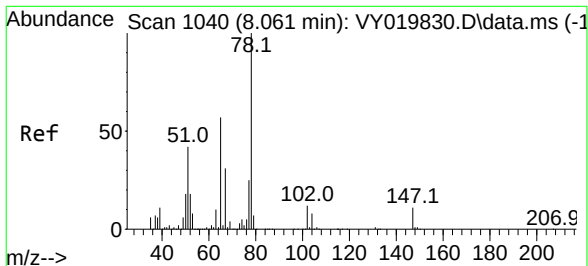
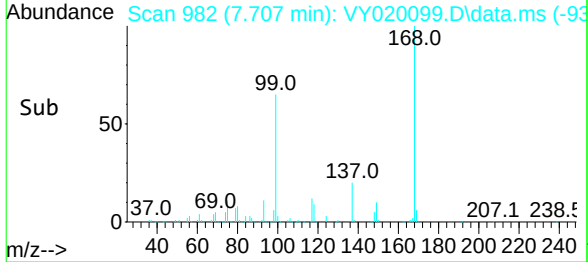
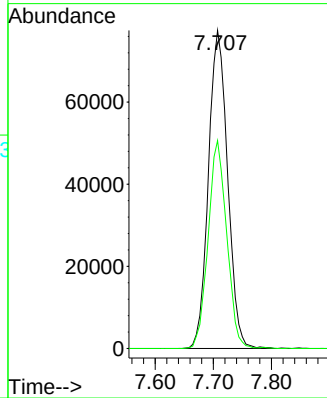
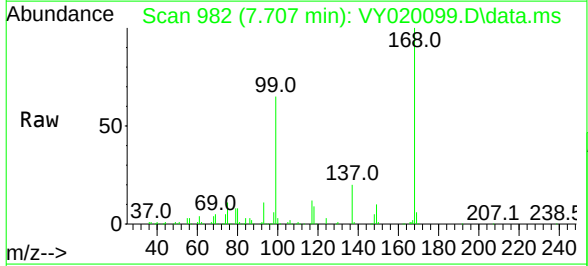




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

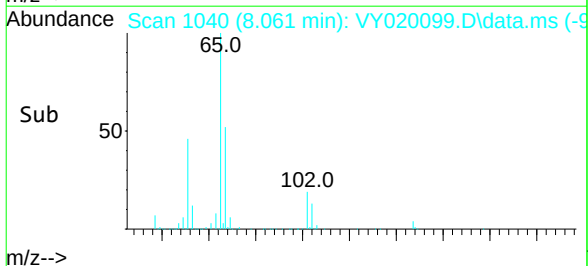
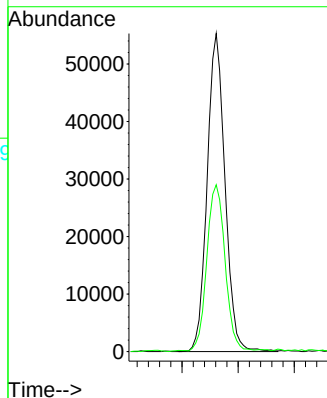
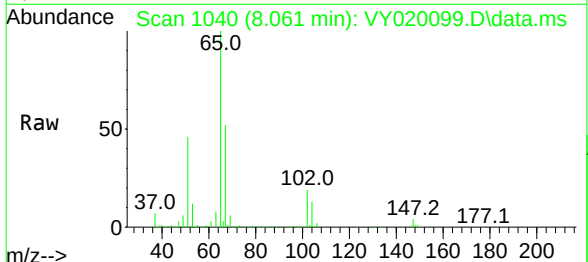
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-102924

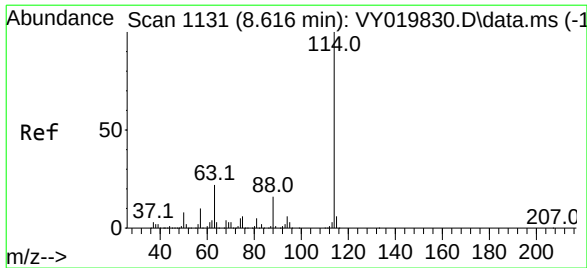
Tgt Ion:168 Resp: 177376
Ion Ratio Lower Upper
168 100
99 65.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.164 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

Tgt Ion: 65 Resp: 122121
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

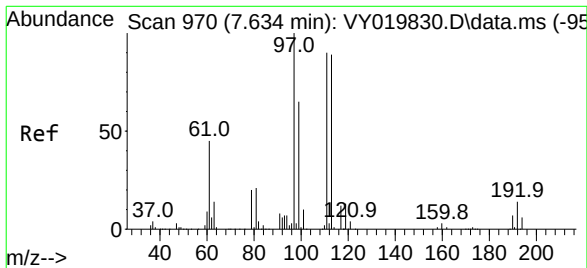
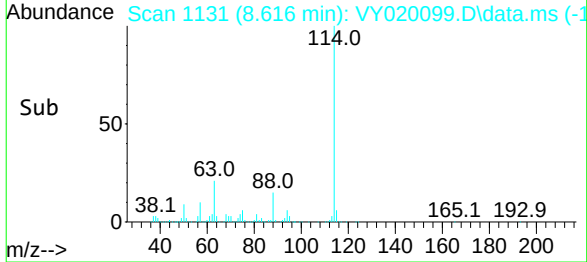
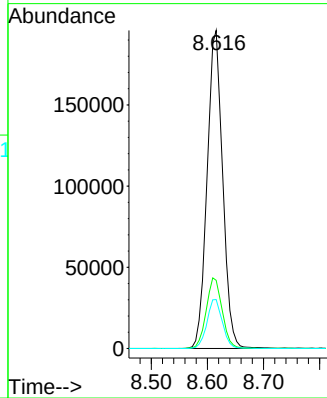
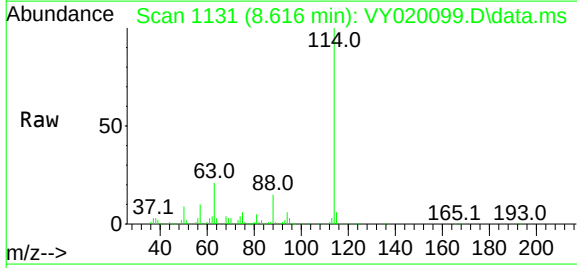




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

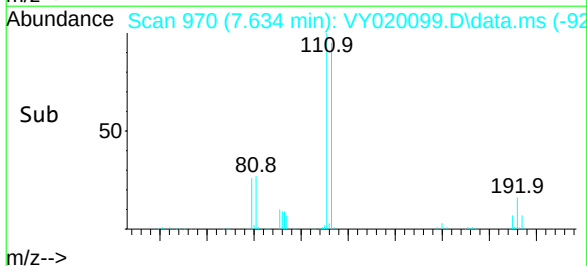
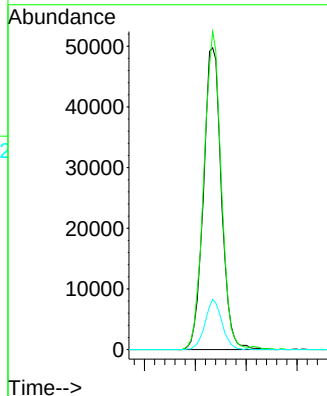
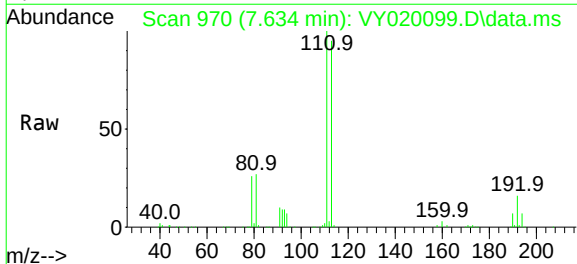
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-102924

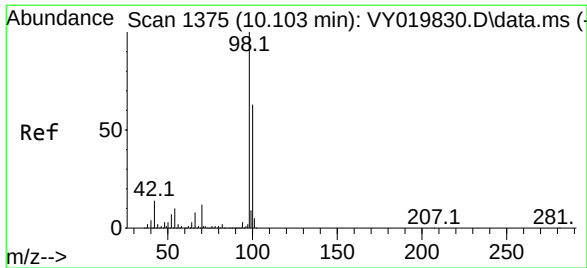
Tgt Ion:	114	Resp:	376948
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.0
88	15.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 50.779 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

Tgt Ion:	113	Resp:	121698
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	15.7	15.9	23.9





#50

Toluene-d8

Concen: 50.301 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

Instrument :

MSVOA_Y

ClientSampleId :

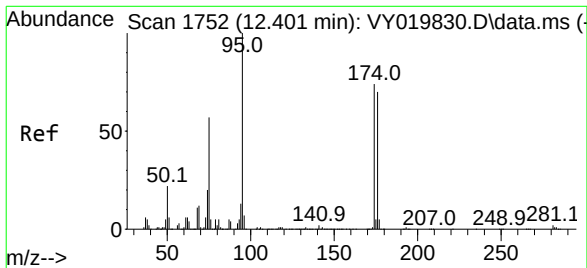
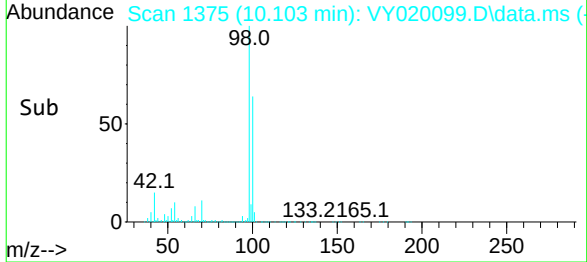
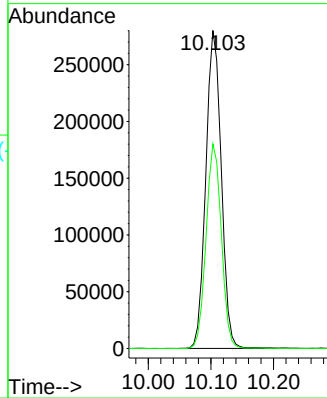
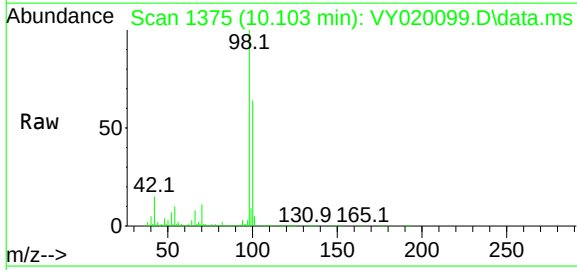
HR-01-102924

Tgt Ion: 98 Resp: 479853

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.050 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

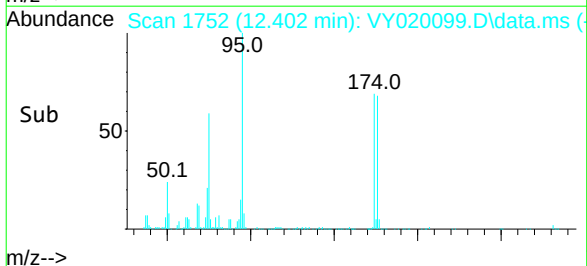
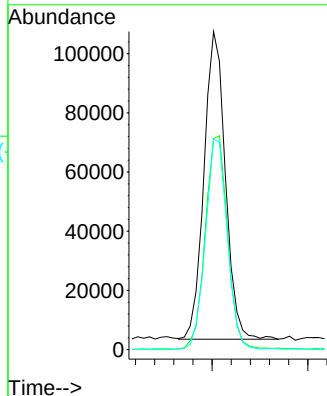
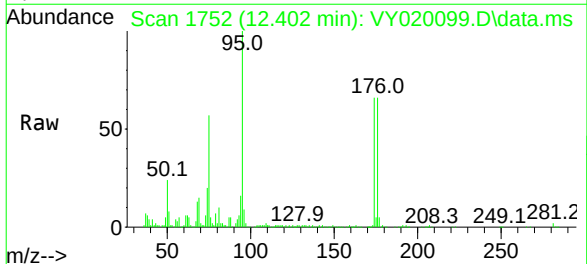
Tgt Ion: 95 Resp: 161283

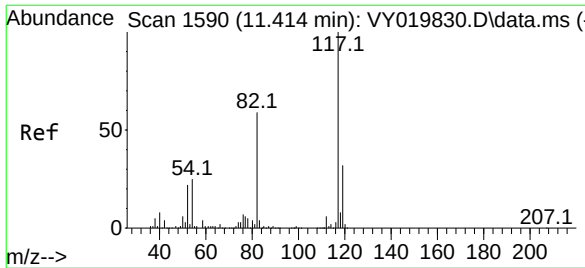
Ion Ratio Lower Upper

95 100

174 72.3 0.0 175.6

176 69.9 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: VY020099.D

Acq: 31 Oct 2024 16:59

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-102924

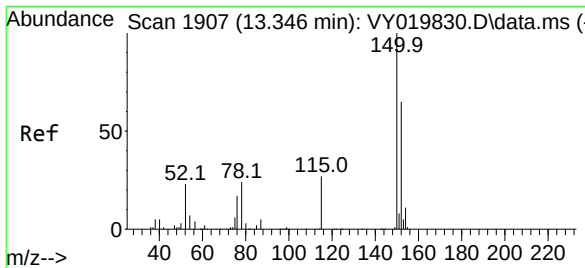
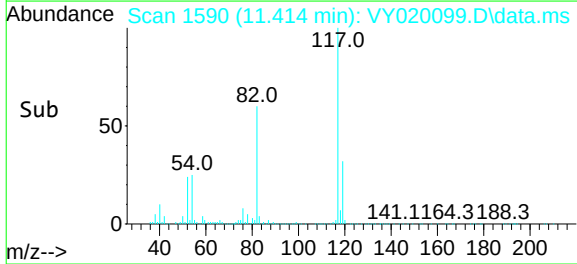
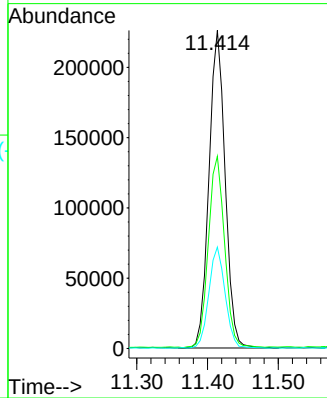
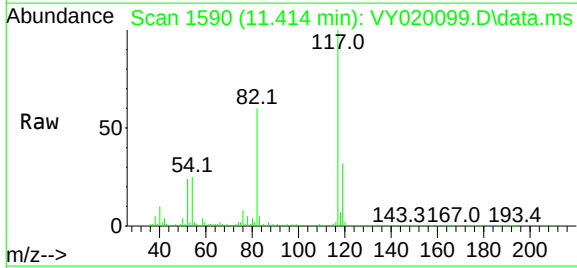
Tgt Ion:117 Resp: 357844

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.8 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: VY020099.D

Acq: 31 Oct 2024 16:59

Tgt Ion:152 Resp: 141247

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 157.4 0.0 345.6

