

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020100.D
 Acq On : 31 Oct 2024 17:22
 Operator : SY/MD
 Sample : P4618-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-102924

Quant Time: Nov 01 03:50:06 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	180631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	381120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	355621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	138530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139613	61.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.860%
35) Dibromofluoromethane	7.634	113	125160	51.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.103	98	467747	48.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.402	95	154595	49.346	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.700%

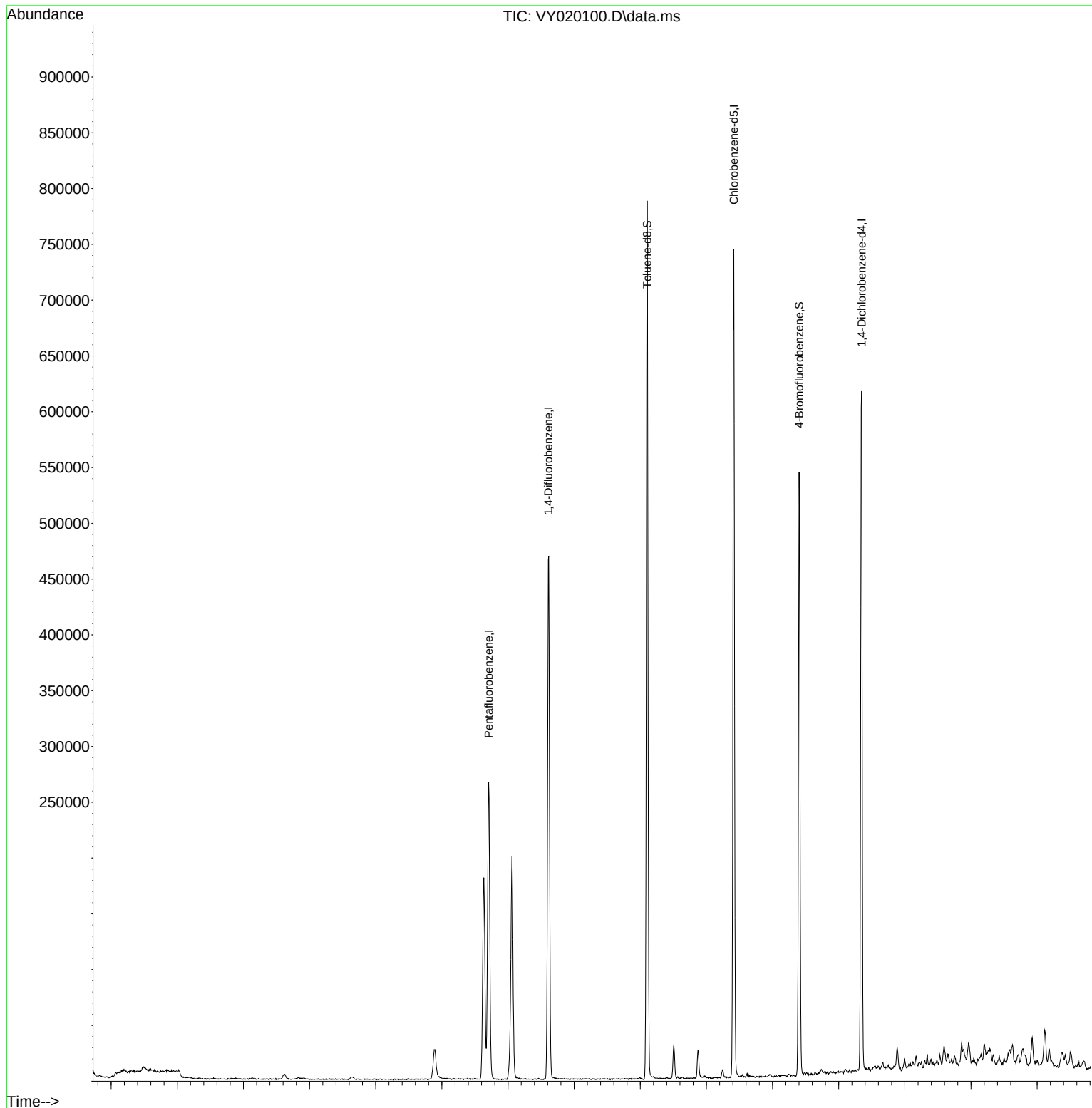
Target Compounds Qvalue

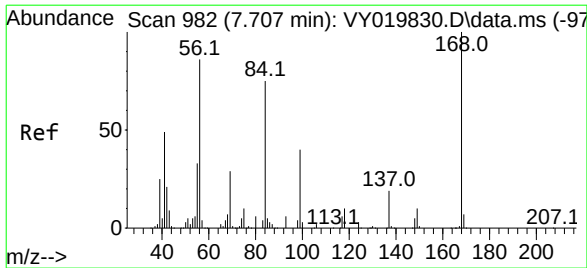
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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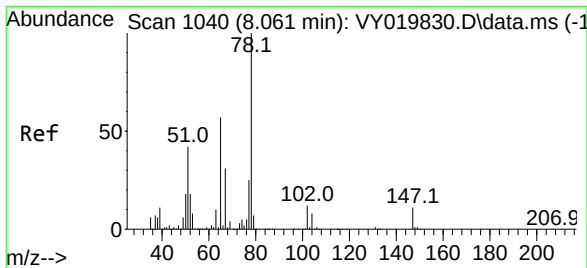
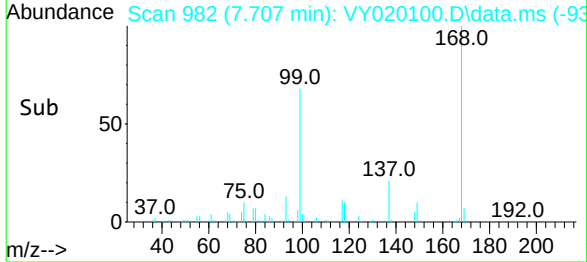
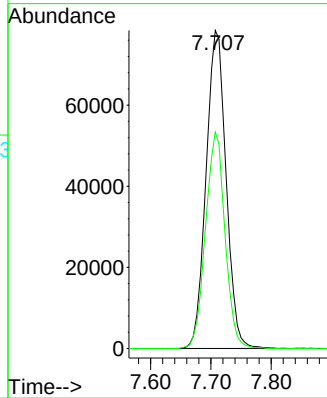
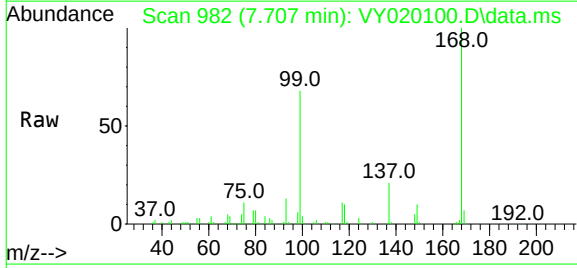




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

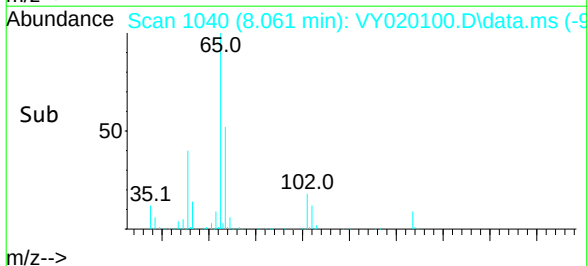
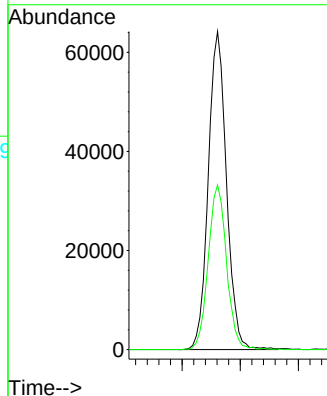
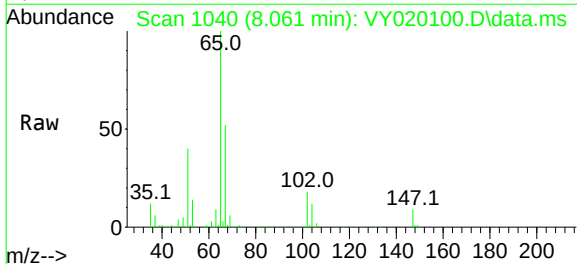
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-102924

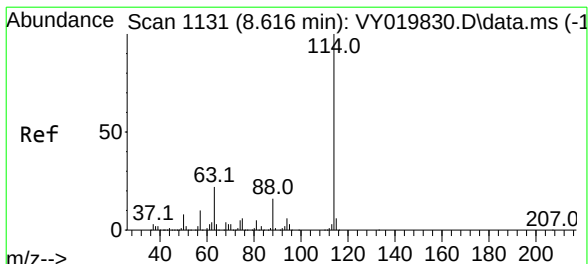
Tgt Ion:168 Resp: 180631
Ion Ratio Lower Upper
168 100
99 68.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.929 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020100.D
Acq: 31 Oct 2024 17:22

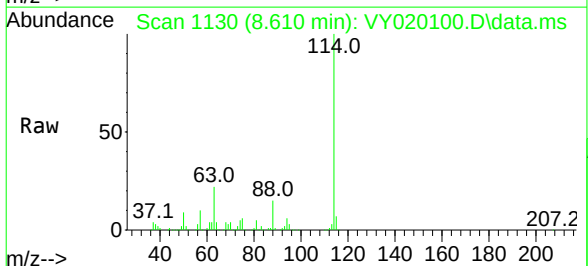
Tgt Ion: 65 Resp: 139613
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





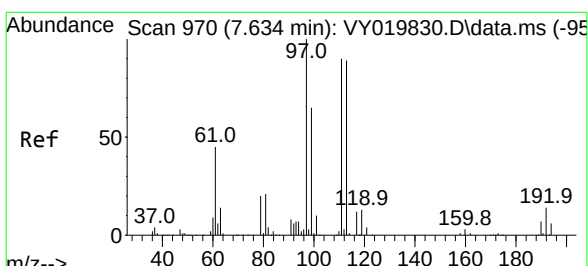
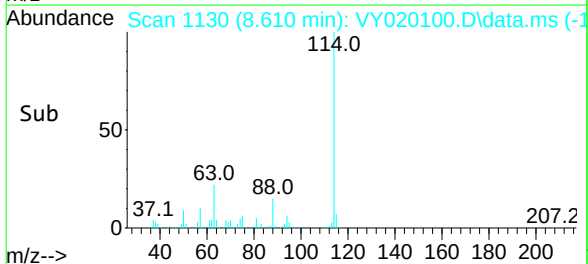
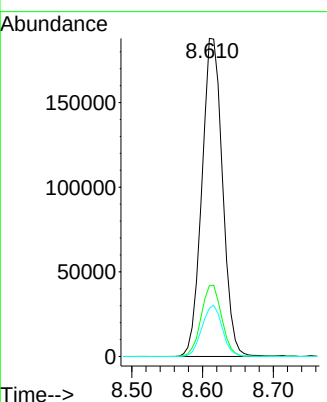
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020100.D
 Acq: 31 Oct 2024 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-102924



Tgt Ion: 114 Resp: 381120

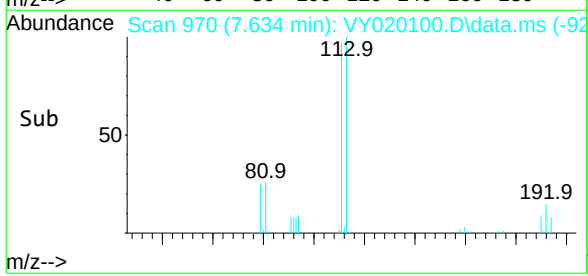
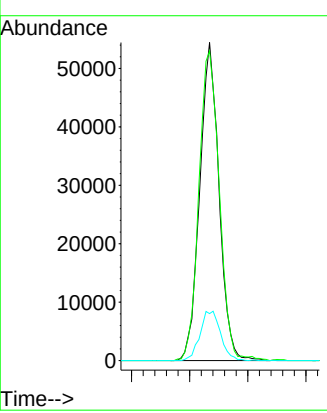
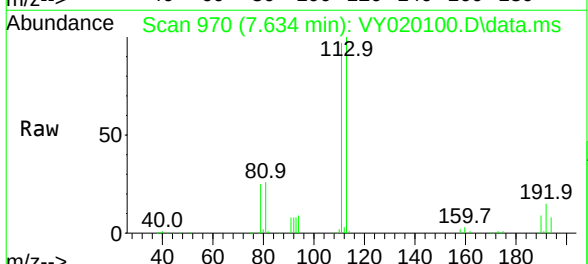
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.0
88	15.2	0.0	27.2

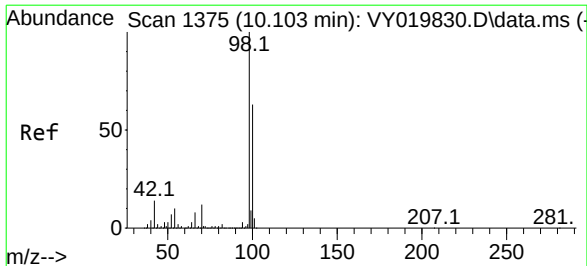


#35
 Dibromofluoromethane
 Concen: 51.652 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020100.D
 Acq: 31 Oct 2024 17:22

Tgt Ion: 113 Resp: 125160

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 48.495 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020100.D

Acq: 31 Oct 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

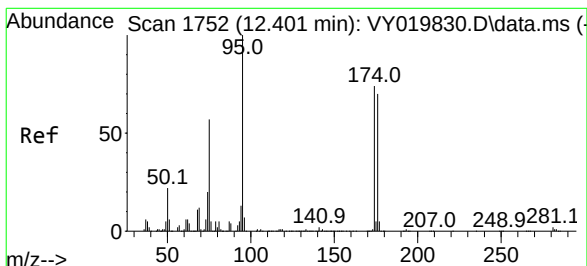
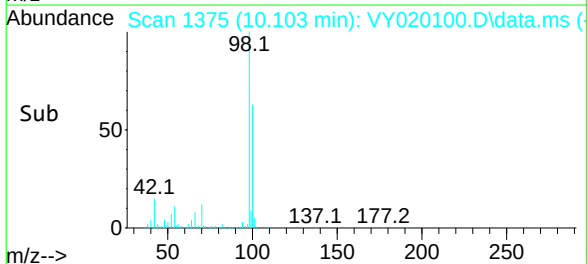
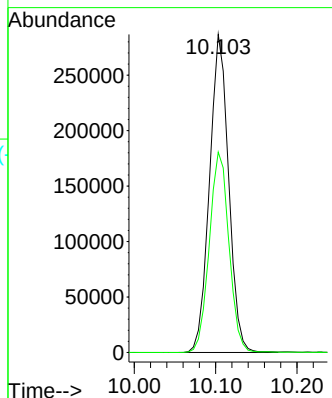
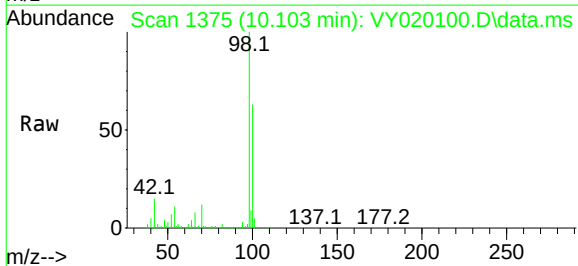
HR-04-102924

Tgt Ion: 98 Resp: 467747

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.346 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020100.D

Acq: 31 Oct 2024 17:22

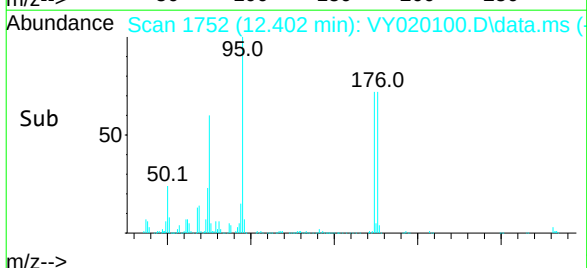
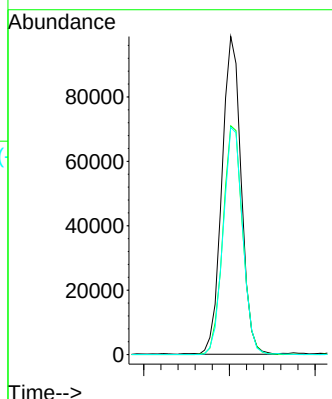
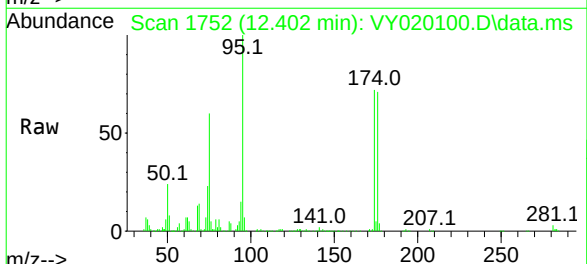
Tgt Ion: 95 Resp: 154595

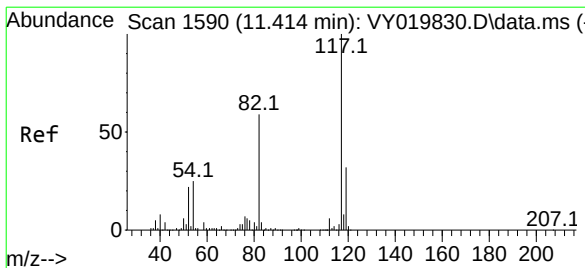
Ion Ratio Lower Upper

95 100

174 73.1 0.0 175.6

176 72.1 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: VY020100.D

Acq: 31 Oct 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-102924

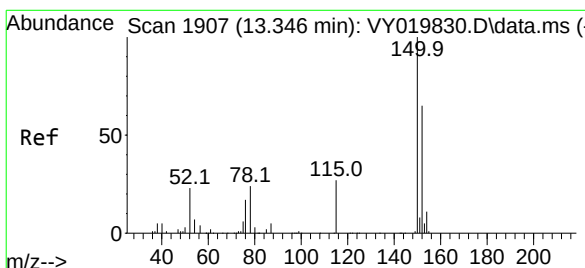
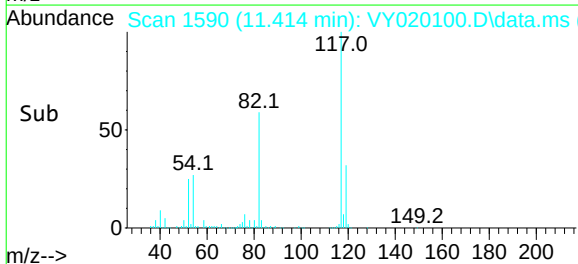
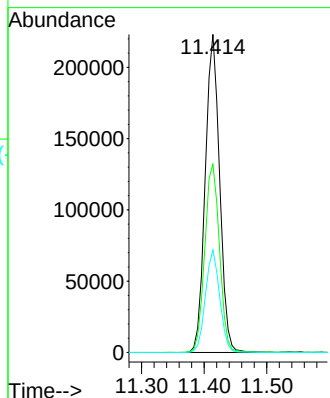
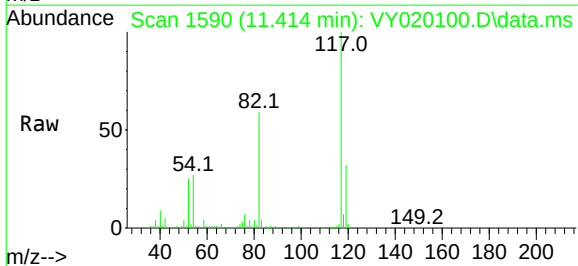
Tgt Ion:117 Resp: 355621

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 32.3 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: VY020100.D

Acq: 31 Oct 2024 17:22

Tgt Ion:152 Resp: 138530

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.3 0.0 345.6

