

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020907.D
 Acq On : 23 Jan 2025 10:12
 Operator : SY/MD
 Sample : VY0123SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBL01

Quant Time: Jan 24 00:15:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.738	168	236656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.640	114	386599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.438	117	335125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	126911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	129454	64.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.720%
35) Dibromofluoromethane	7.665	113	125518	51.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.640%
50) Toluene-d8	10.128	98	448501	53.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.426	95	140173	44.957	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.920%

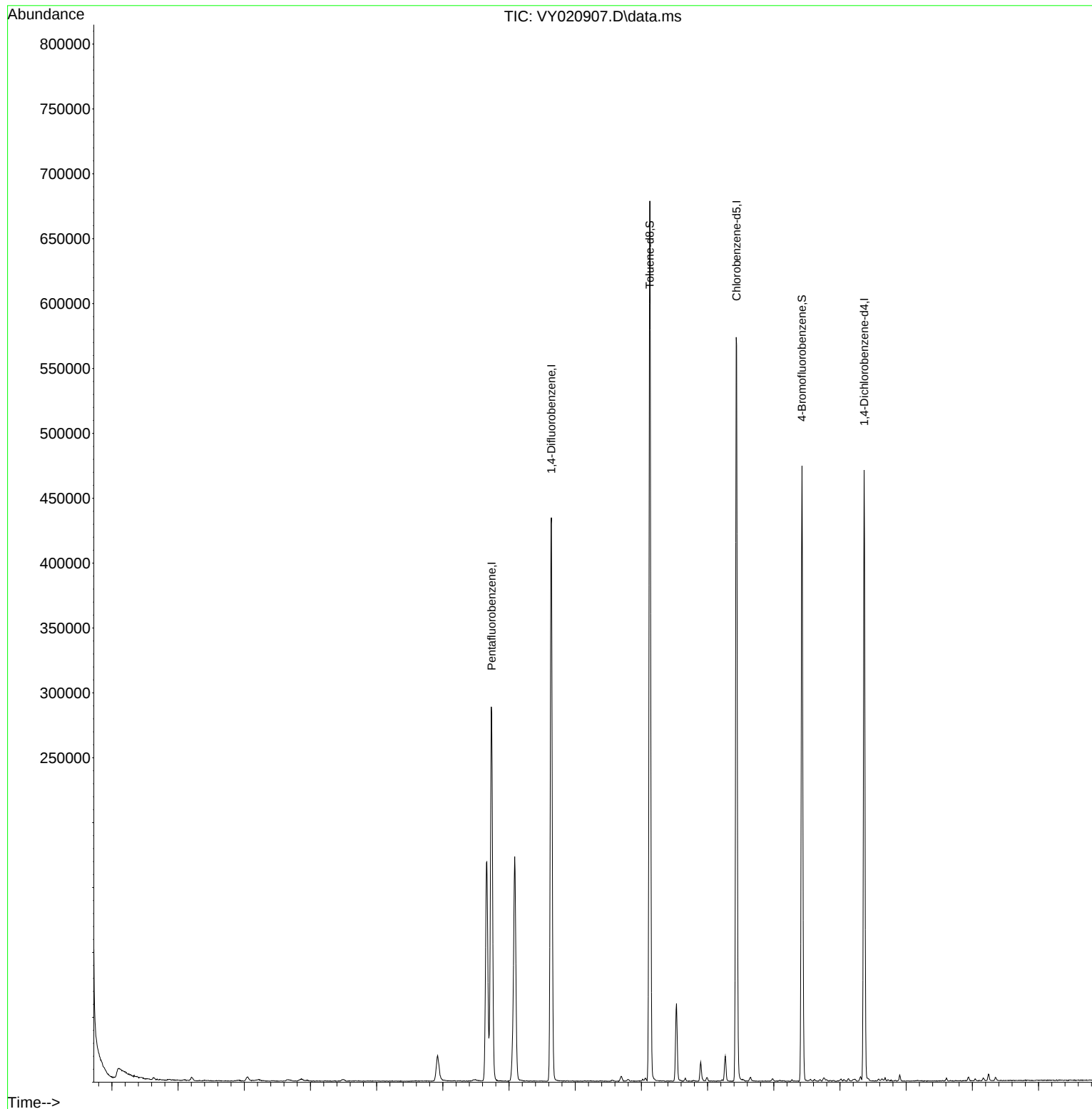
Target Compounds	Qvalue

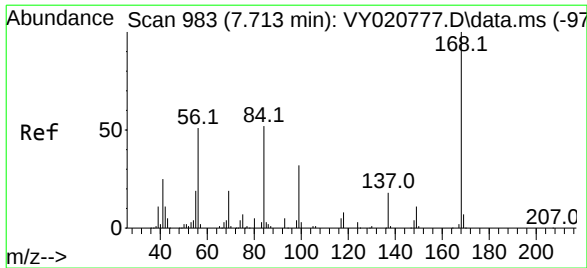
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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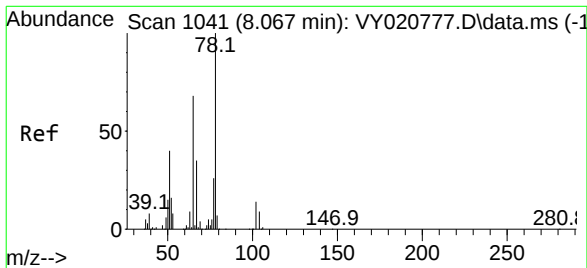
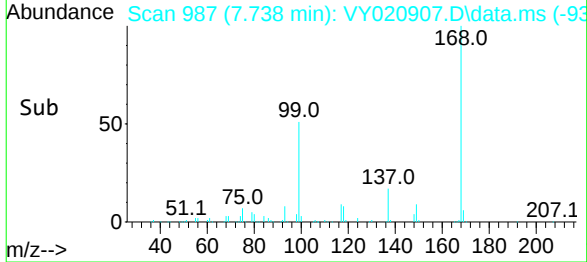
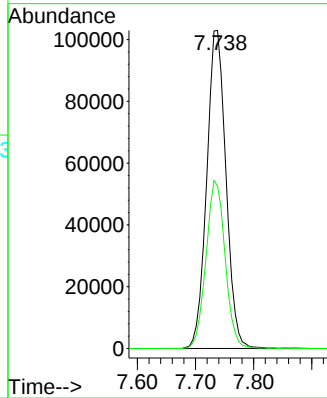
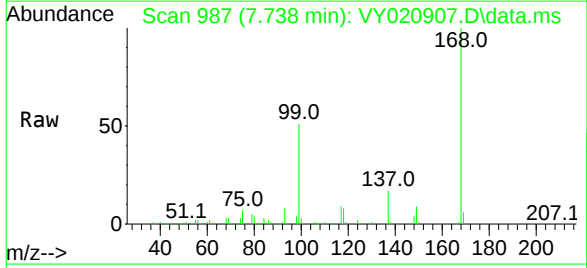




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.738 min Scan# 98
Delta R.T. 0.001 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

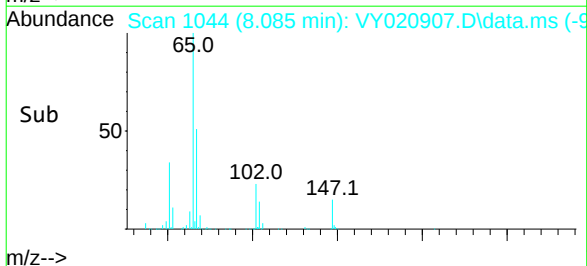
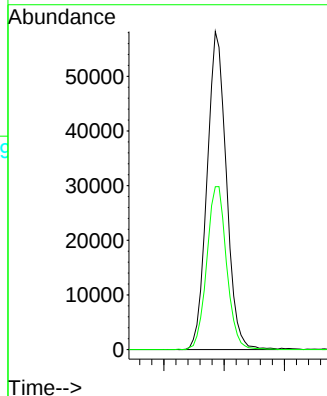
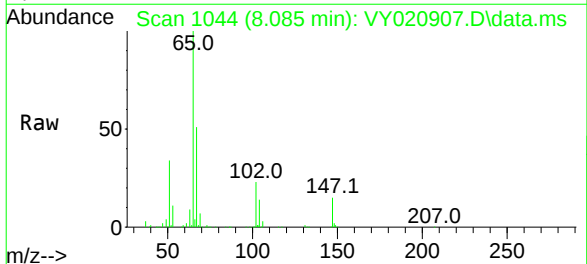
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBL01

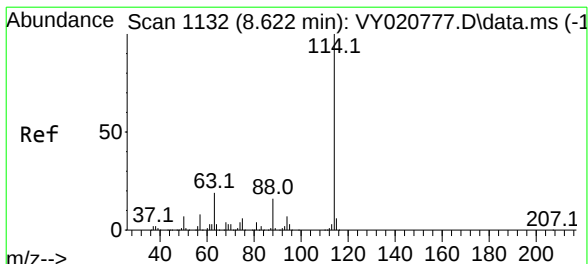
Tgt Ion:168 Resp: 236656
Ion Ratio Lower Upper
168 100
99 51.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 64.357 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020907.D
Acq: 23 Jan 2025 10:12

Tgt Ion: 65 Resp: 129454
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.8



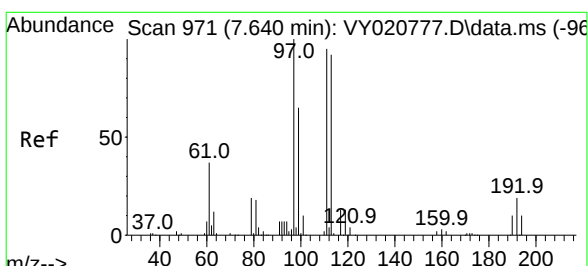
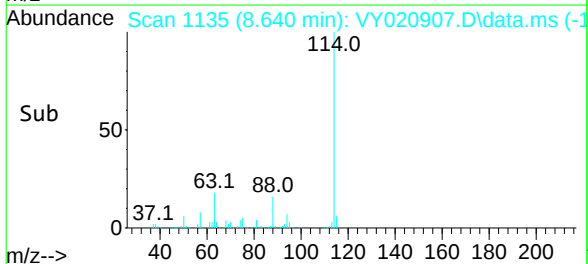
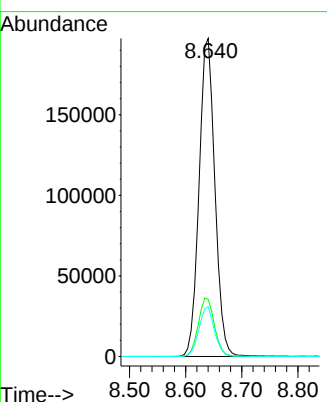
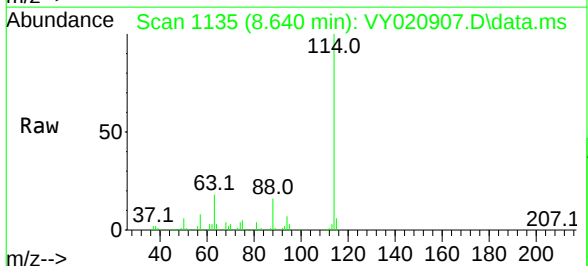


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.640 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020907.D
 Acq: 23 Jan 2025 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBL01

Tgt Ion:114 Resp: 386599

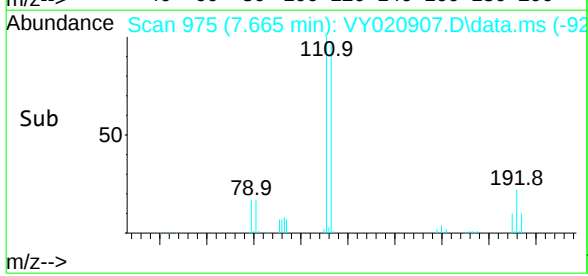
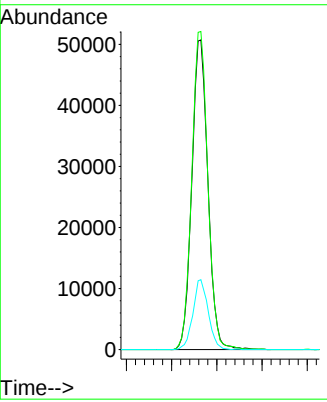
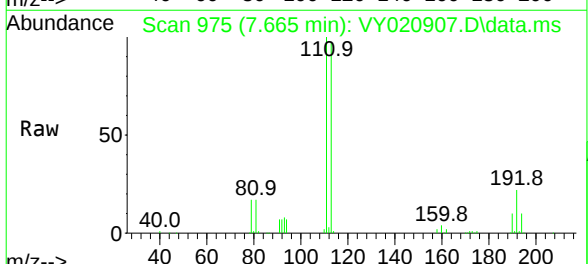
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.6	0.0	31.2

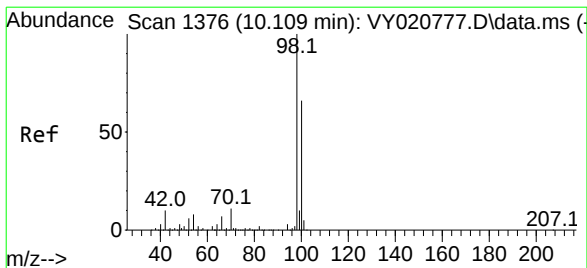


#35
 Dibromofluoromethane
 Concen: 51.824 ug/l
 RT: 7.665 min Scan# 975
 Delta R.T. 0.000 min
 Lab File: VY020907.D
 Acq: 23 Jan 2025 10:12

Tgt Ion:113 Resp: 125518

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	21.5	16.7	25.1





#50

Toluene-d8

Concen: 53.120 ug/l

RT: 10.128 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020907.D

Acq: 23 Jan 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

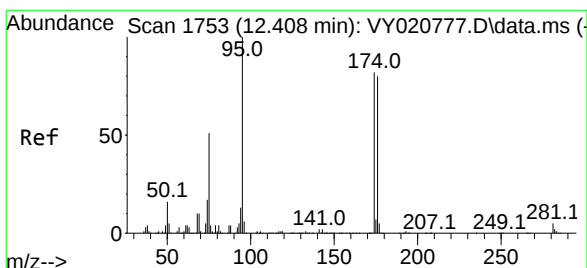
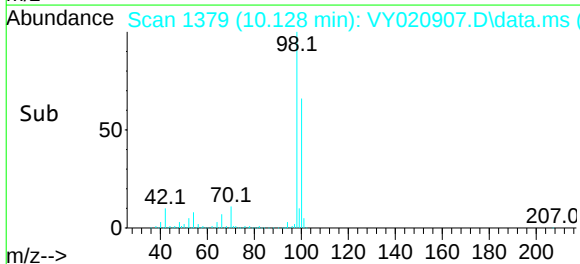
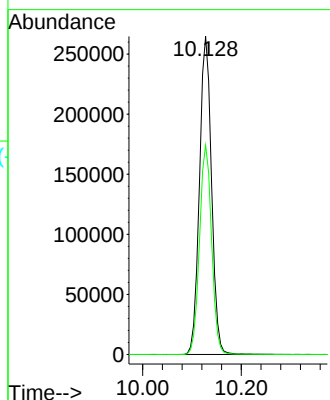
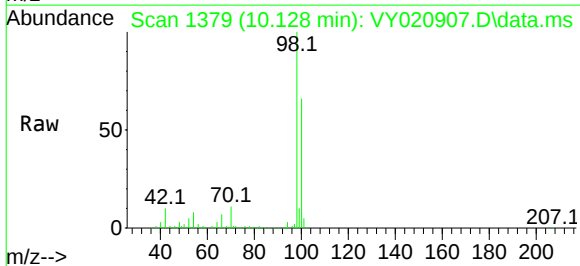
VY0123SBL01

Tgt Ion: 98 Resp: 448501

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.957 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020907.D

Acq: 23 Jan 2025 10:12

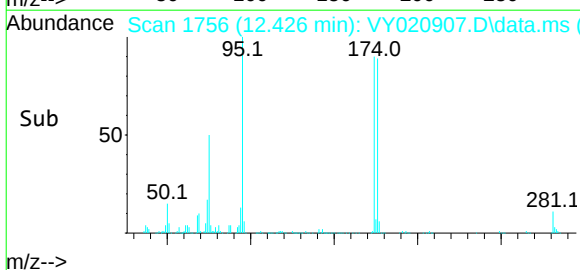
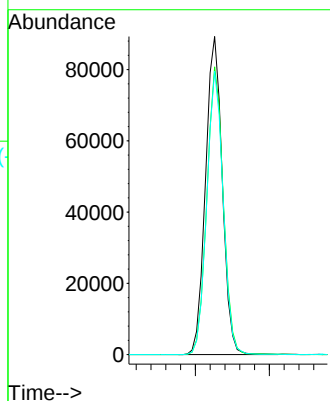
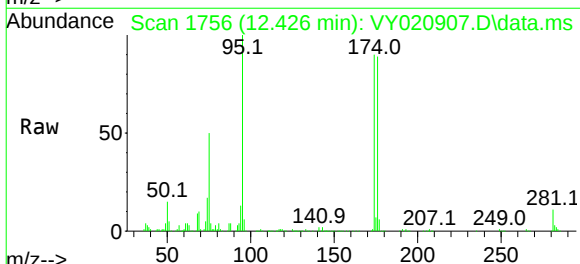
Tgt Ion: 95 Resp: 140173

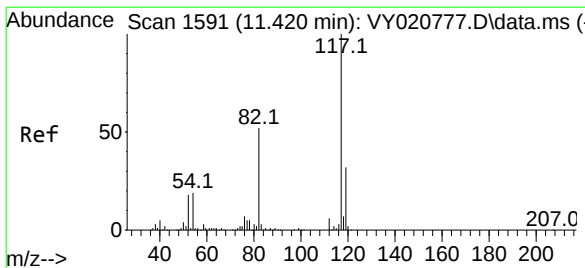
Ion Ratio Lower Upper

95 100

174 88.9 0.0 178.0

176 87.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.438 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020907.D

Acq: 23 Jan 2025 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBL01

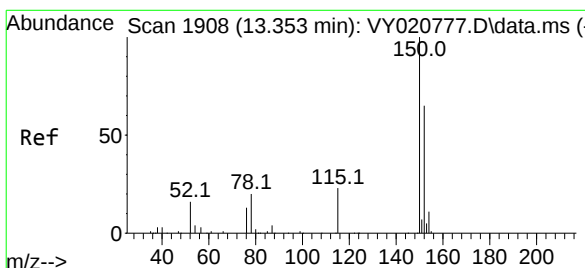
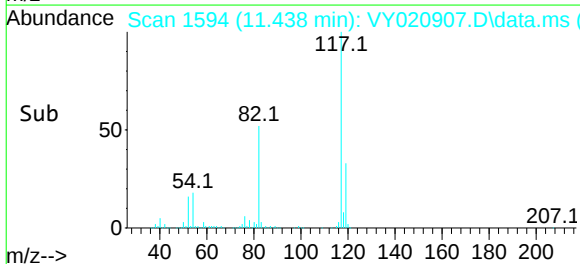
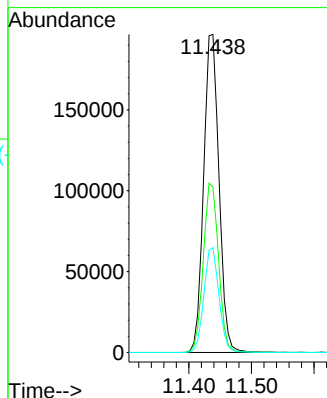
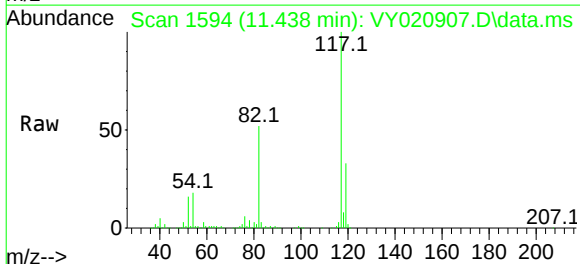
Tgt Ion:117 Resp: 335125

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.6

119 33.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020907.D

Acq: 23 Jan 2025 10:12

Tgt Ion:152 Resp: 126911

Ion Ratio Lower Upper

152 100

115 56.8 29.0 87.0

150 157.5 0.0 347.4

