

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020900.D
 Acq On : 22 Jan 2025 15:42
 Operator : SY/MD
 Sample : Q1156-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 281RE

Quant Time: Jan 23 00:46:19 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	7.726	168	9090	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.634	114	12064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	6824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	1016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	3362	43.514	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.020%
35) Dibromofluoromethane	7.659	113	3380	44.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.440%
50) Toluene-d8	10.121	98	9429	35.787	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.580%
62) 4-Bromofluorobenzene	12.420	95	952	9.785	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	19.560%#

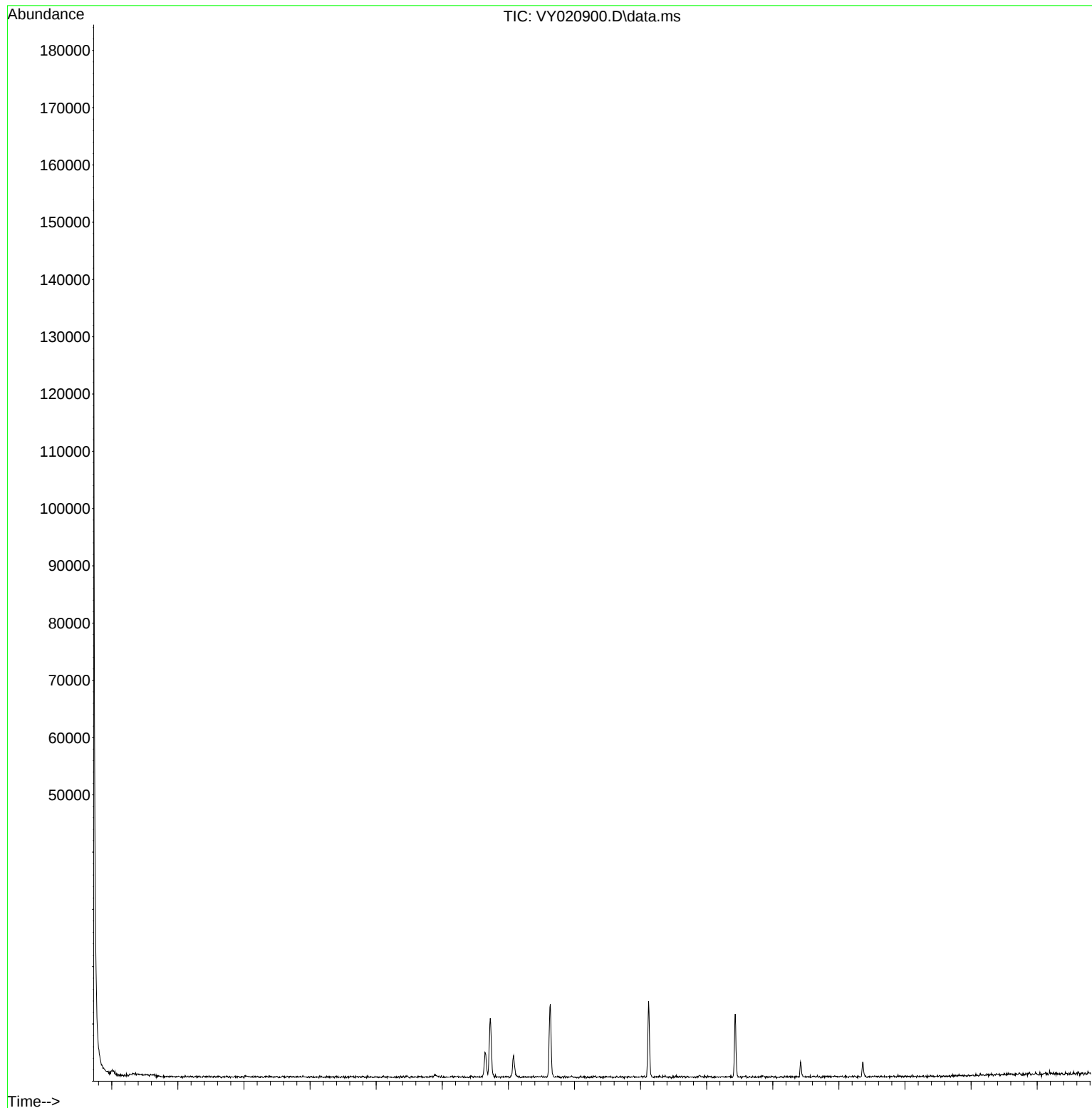
Target Compounds Qvalue

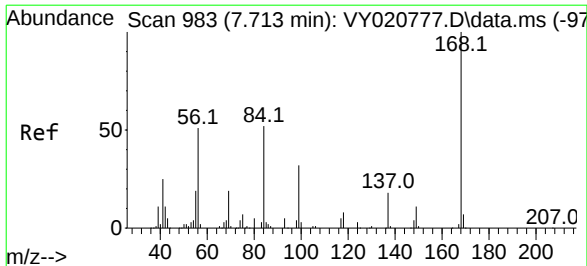
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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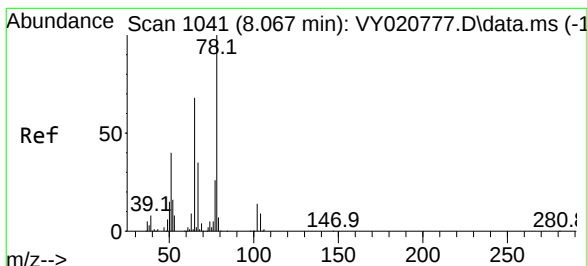
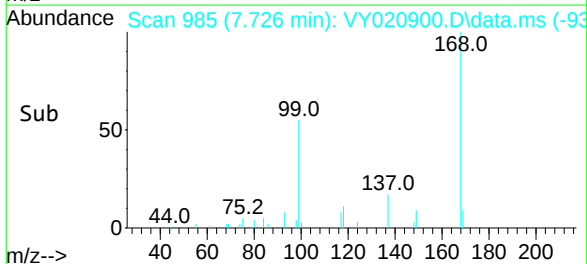
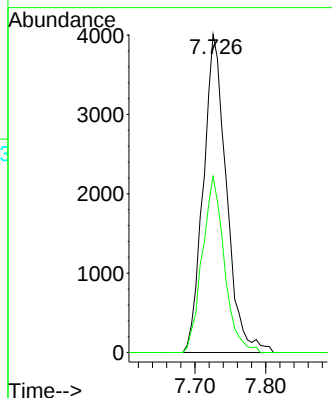
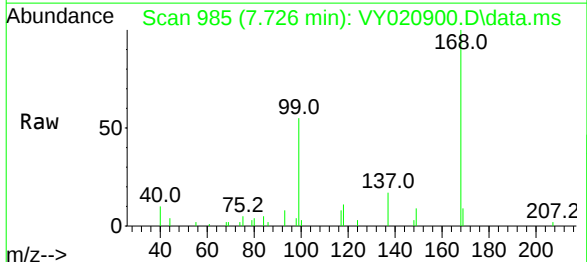




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

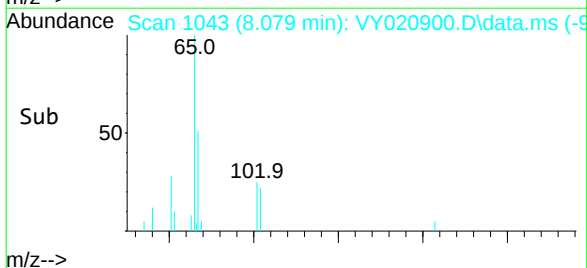
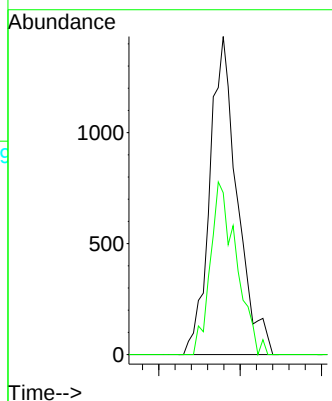
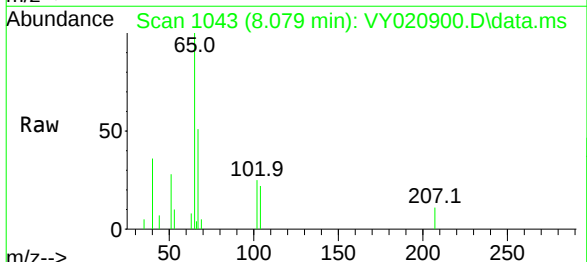
Instrument :
MSVOA_Y
ClientSampleId :
281RE

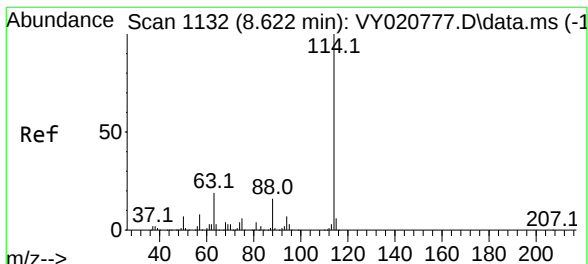
Tgt Ion:168 Resp: 9090
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 43.514 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020900.D
Acq: 22 Jan 2025 15:42

Tgt Ion: 65 Resp: 3362
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.8

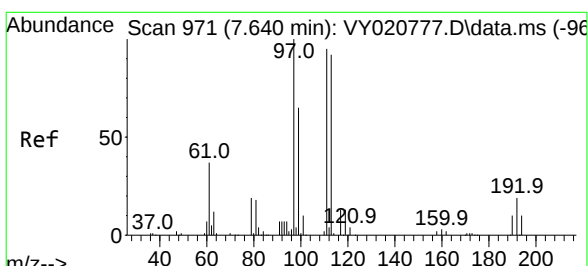
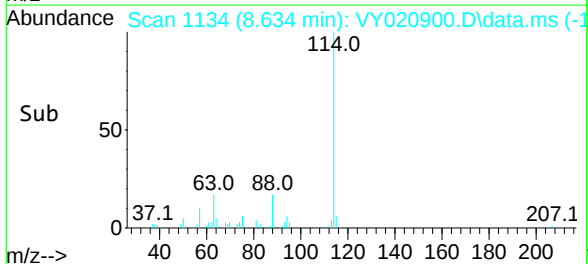
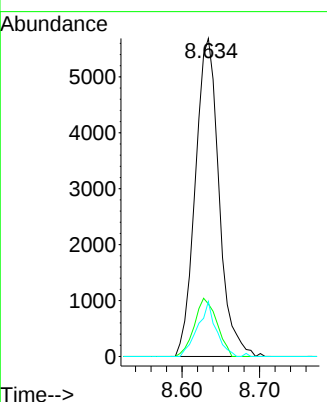
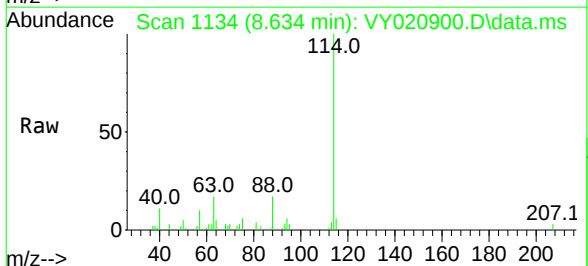




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.634 min Scan# 1134
 Delta R.T. -0.006 min
 Lab File: VY020900.D
 Acq: 22 Jan 2025 15:42

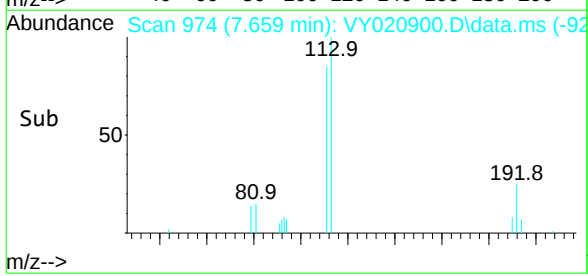
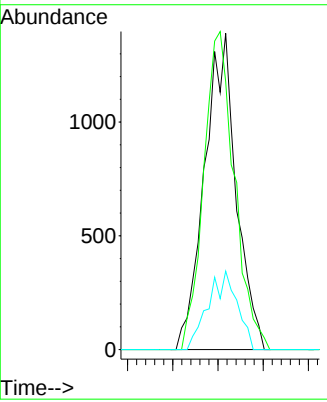
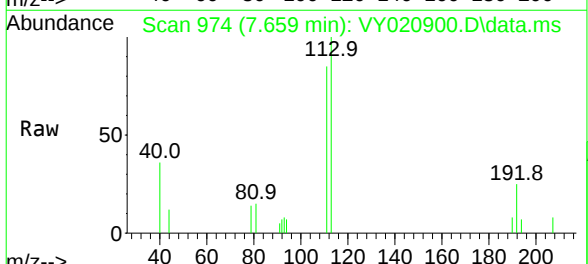
Instrument :
 MSVOA_Y
 ClientSampleId :
 281RE

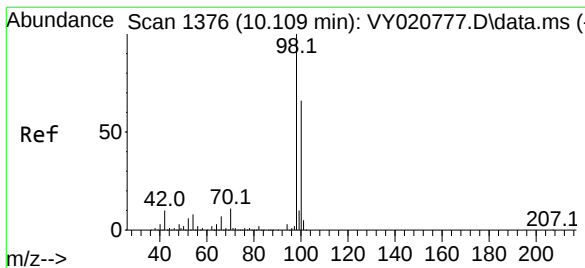
Tgt Ion:	114	Resp:	12064
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	38.4
88	17.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 44.721 ug/l
 RT: 7.659 min Scan# 974
 Delta R.T. -0.006 min
 Lab File: VY020900.D
 Acq: 22 Jan 2025 15:42

Tgt Ion:	113	Resp:	3380
Ion	Ratio	Lower	Upper
113	100		
111	97.7	81.7	122.5
192	22.7	16.7	25.1





#50

Toluene-d8

Concen: 35.787 ug/l

RT: 10.121 min Scan# 1376

Delta R.T. -0.012 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

Instrument :

MSVOA_Y

ClientSampleId :

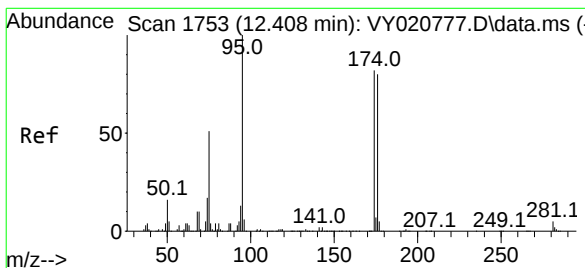
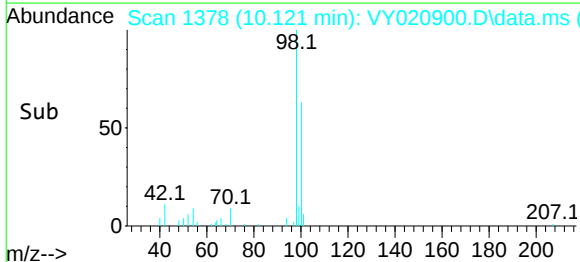
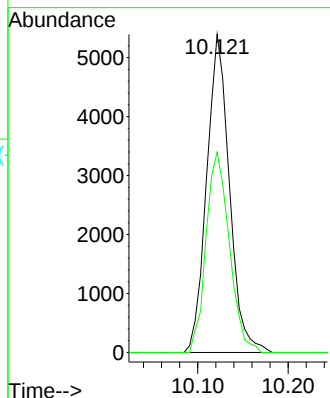
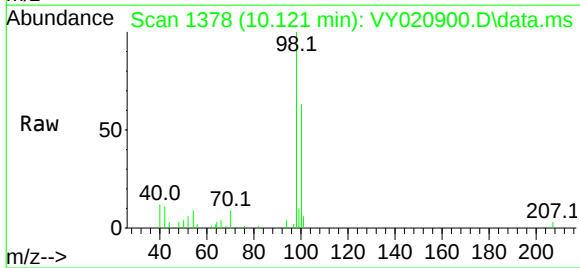
281RE

Tgt Ion: 98 Resp: 9429

Ion Ratio Lower Upper

98 100

100 64.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 9.785 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

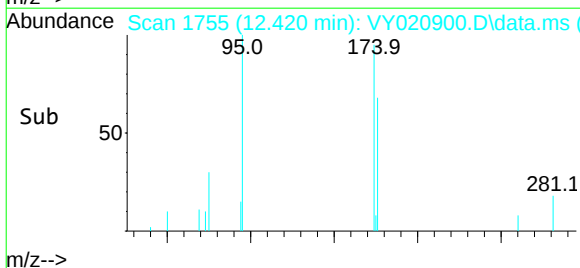
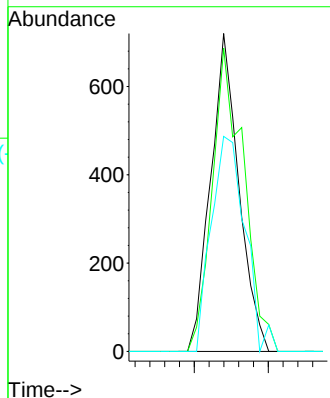
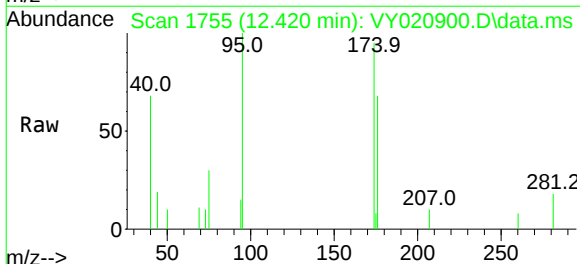
Tgt Ion: 95 Resp: 952

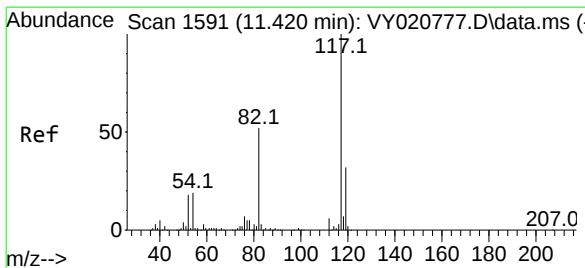
Ion Ratio Lower Upper

95 100

174 106.2 0.0 178.0

176 81.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020900.D

Acq: 22 Jan 2025 15:42

Instrument :

MSVOA_Y

ClientSampleId :

281RE

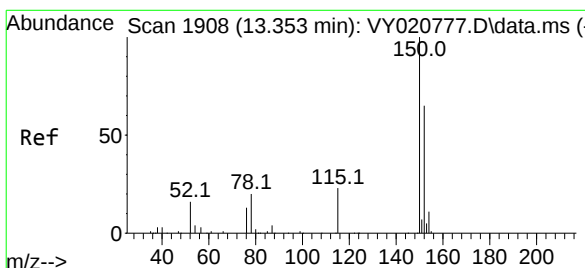
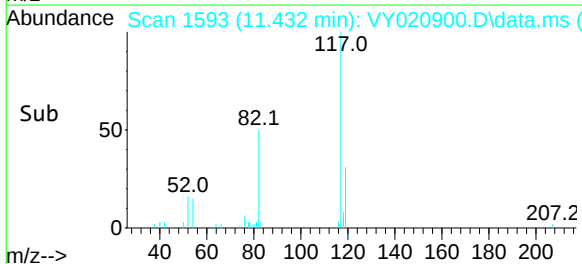
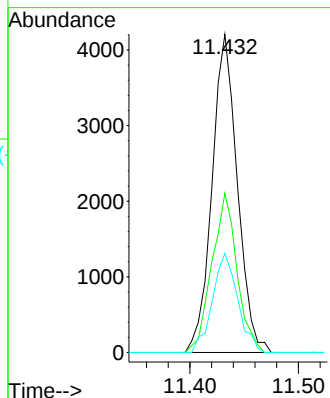
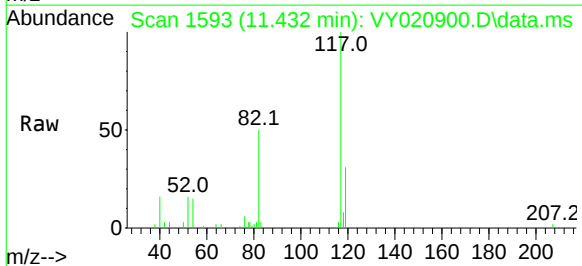
Tgt Ion:117 Resp: 6824

Ion Ratio Lower Upper

117 100

82 50.1 41.8 62.6

119 31.1 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: VY020900.D

Acq: 22 Jan 2025 15:42

Tgt Ion:152 Resp: 1016

Ion Ratio Lower Upper

152 100

115 55.7 29.0 87.0

150 135.4 0.0 347.4

