

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020962.D
 Acq On : 29 Jan 2025 11:48
 Operator : SY/MD
 Sample : Q1205-01
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-236

Quant Time: Jan 30 00:34:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	372623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	571823	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	457613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	198870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	145874	49.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.200%
35) Dibromofluoromethane	7.634	113	161809	49.291	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.109	98	608406	47.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.408	95	182785	43.133	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.260%

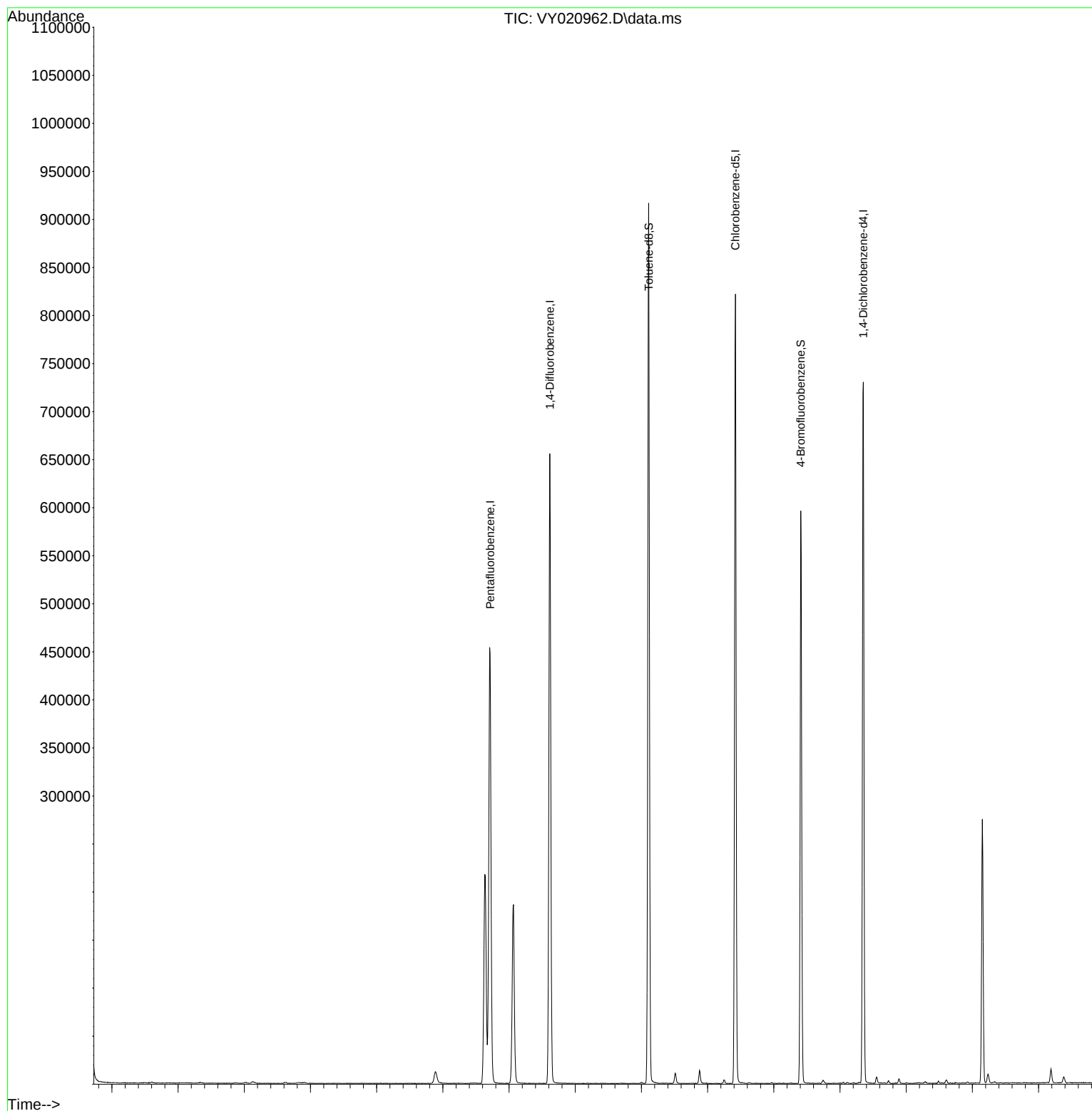
Target Compounds Qvalue

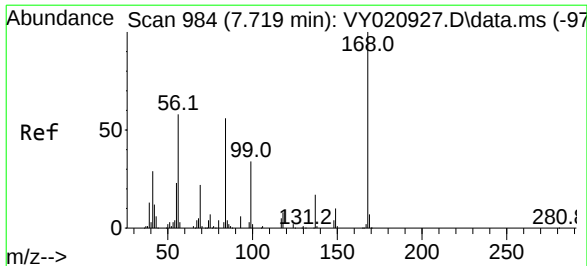
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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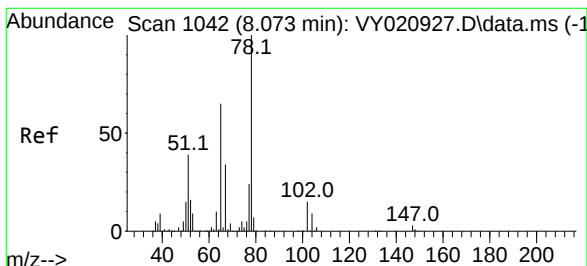
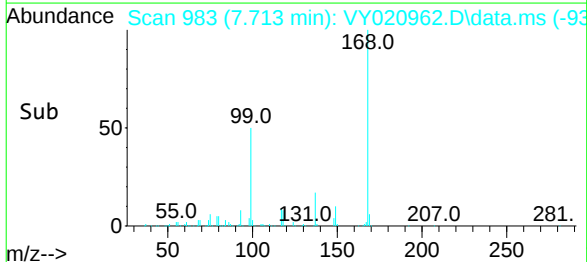
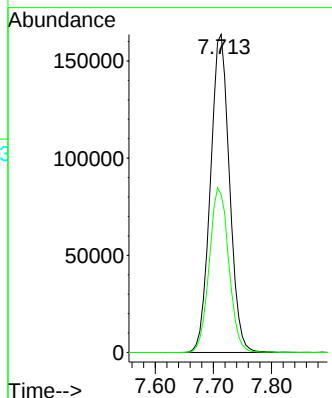
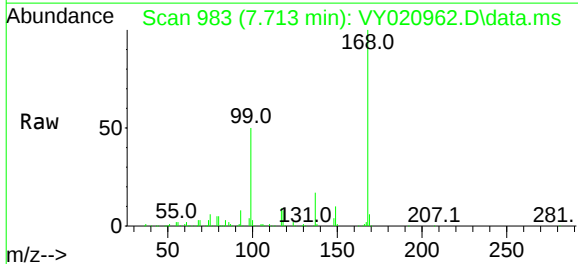




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020962.D
Acq: 29 Jan 2025 11:48

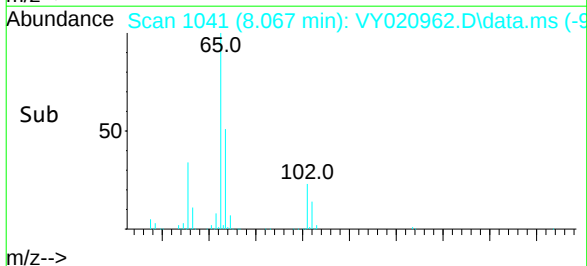
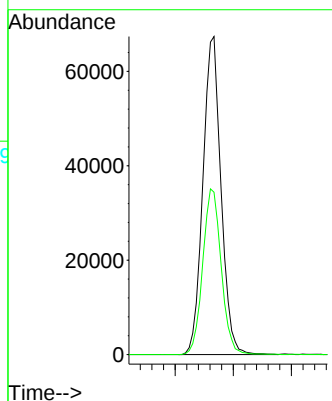
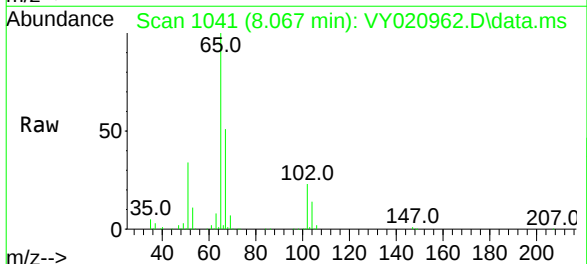
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-236

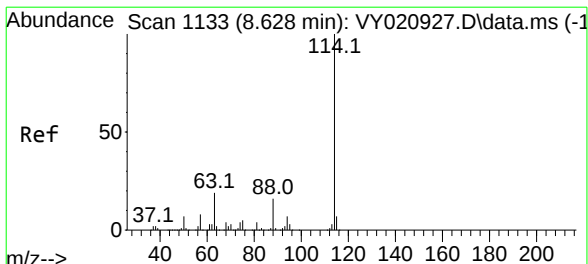
Tgt Ion:168 Resp: 372623
Ion Ratio Lower Upper
168 100
99 49.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 49.100 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020962.D
Acq: 29 Jan 2025 11:48

Tgt Ion: 65 Resp: 145874
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8

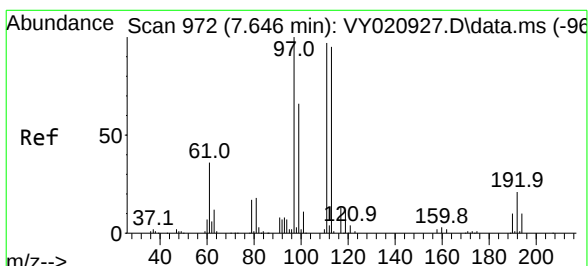
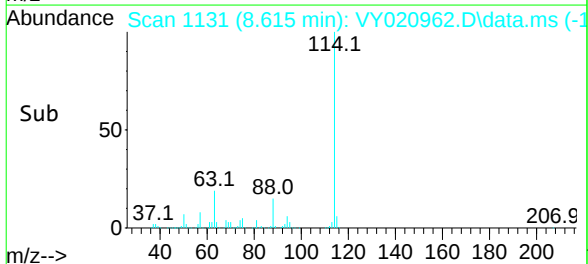
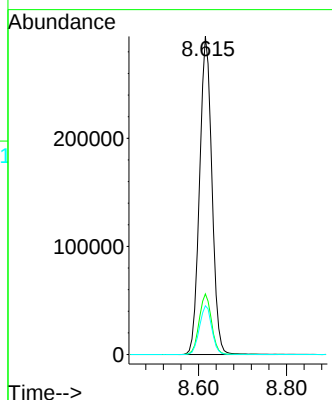
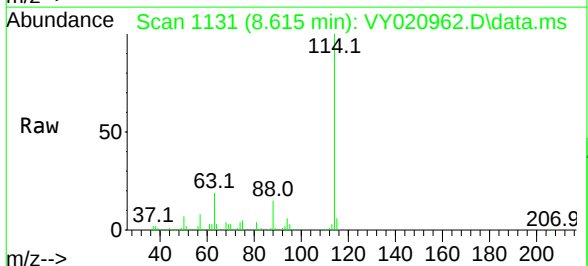




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020962.D
 Acq: 29 Jan 2025 11:48

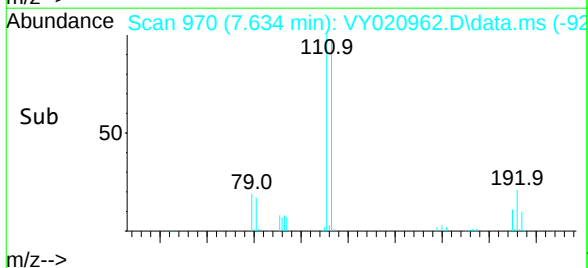
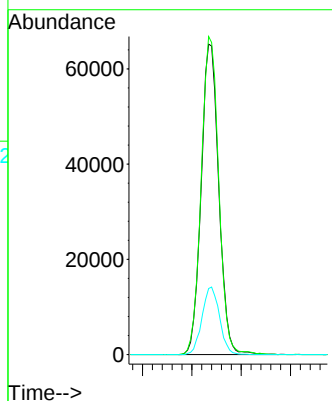
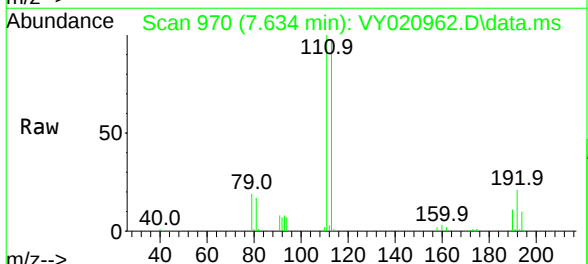
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-236

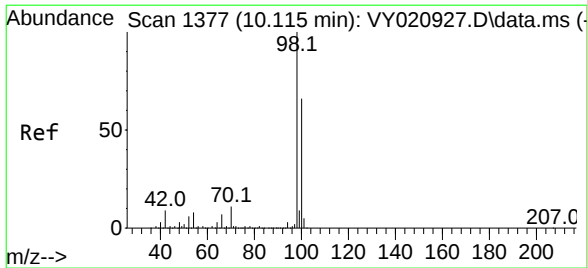
Tgt Ion:	114	Resp:	571823
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.291 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020962.D
 Acq: 29 Jan 2025 11:48

Tgt Ion:	113	Resp:	161809
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	21.6	17.4	26.2





#50

Toluene-d8

Concen: 47.781 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020962.D

Acq: 29 Jan 2025 11:48

Instrument :

MSVOA_Y

ClientSampleId :

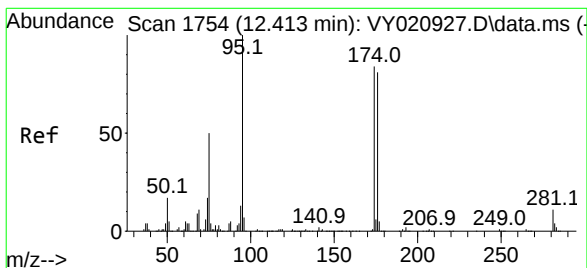
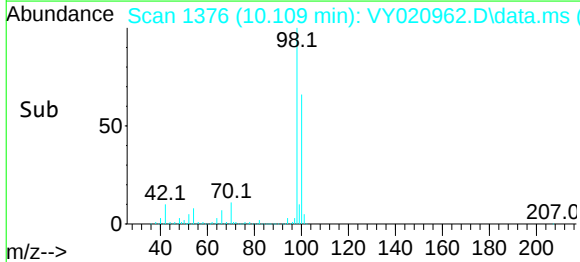
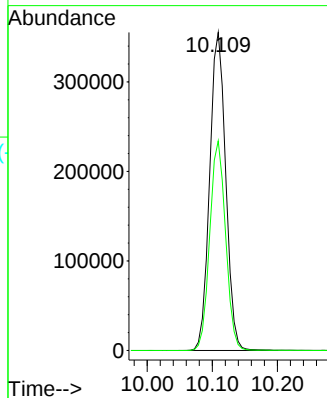
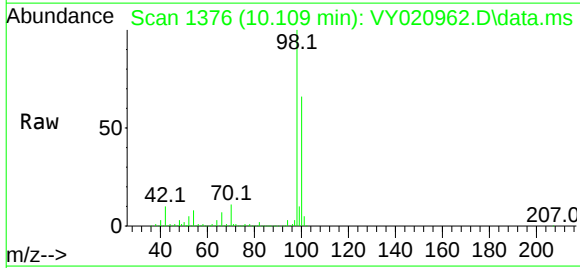
VNJ-236

Tgt Ion: 98 Resp: 608406

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.133 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020962.D

Acq: 29 Jan 2025 11:48

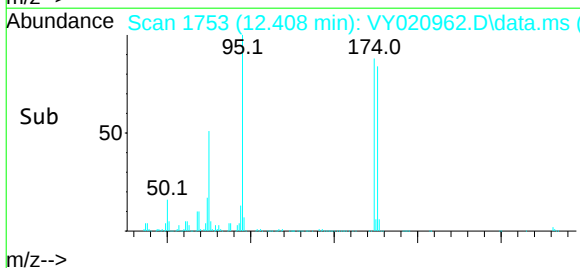
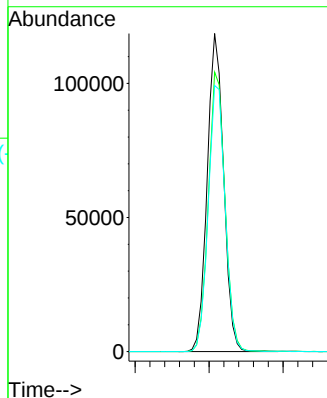
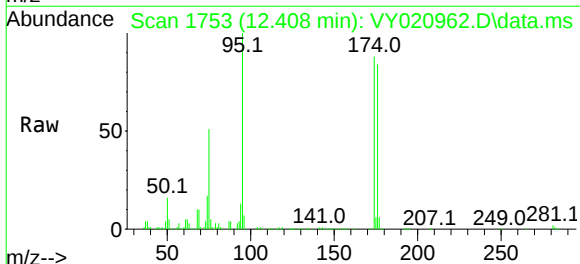
Tgt Ion: 95 Resp: 182785

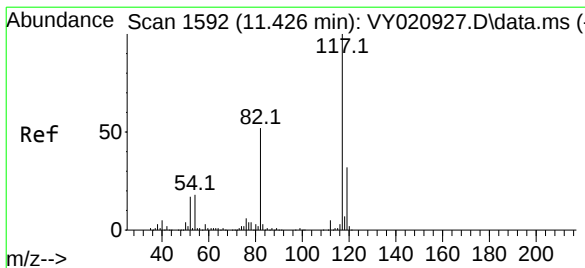
Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.4

176 86.2 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020962.D

Acq: 29 Jan 2025 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-236

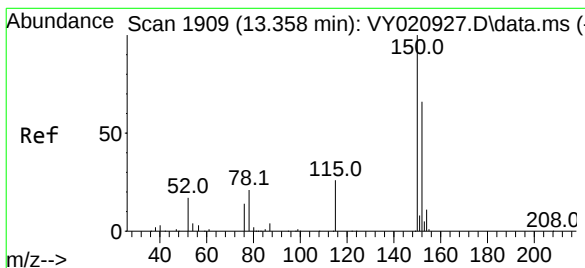
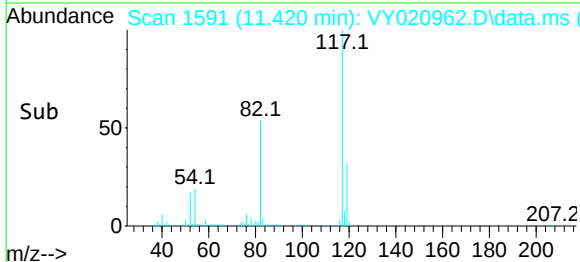
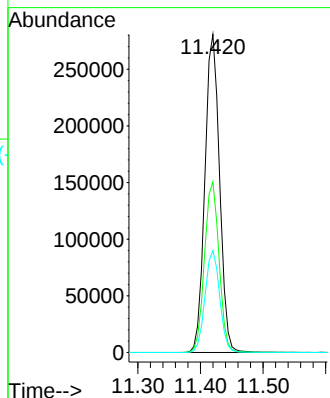
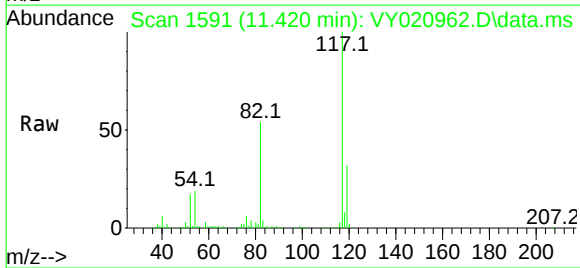
Tgt Ion:117 Resp: 457613

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.8

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020962.D

Acq: 29 Jan 2025 11:48

Tgt Ion:152 Resp: 198870

Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

150 155.5 0.0 347.6

