

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020964.D
 Acq On : 29 Jan 2025 12:33
 Operator : SY/MD
 Sample : Q1209-07
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Jan 30 00:35:08 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	7.707	168	209545	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	317715	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	262216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	117436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78332	46.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.634	113	82544	45.256	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.520%
50) Toluene-d8	10.109	98	305408	43.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.407	95	94280	40.042	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.080%

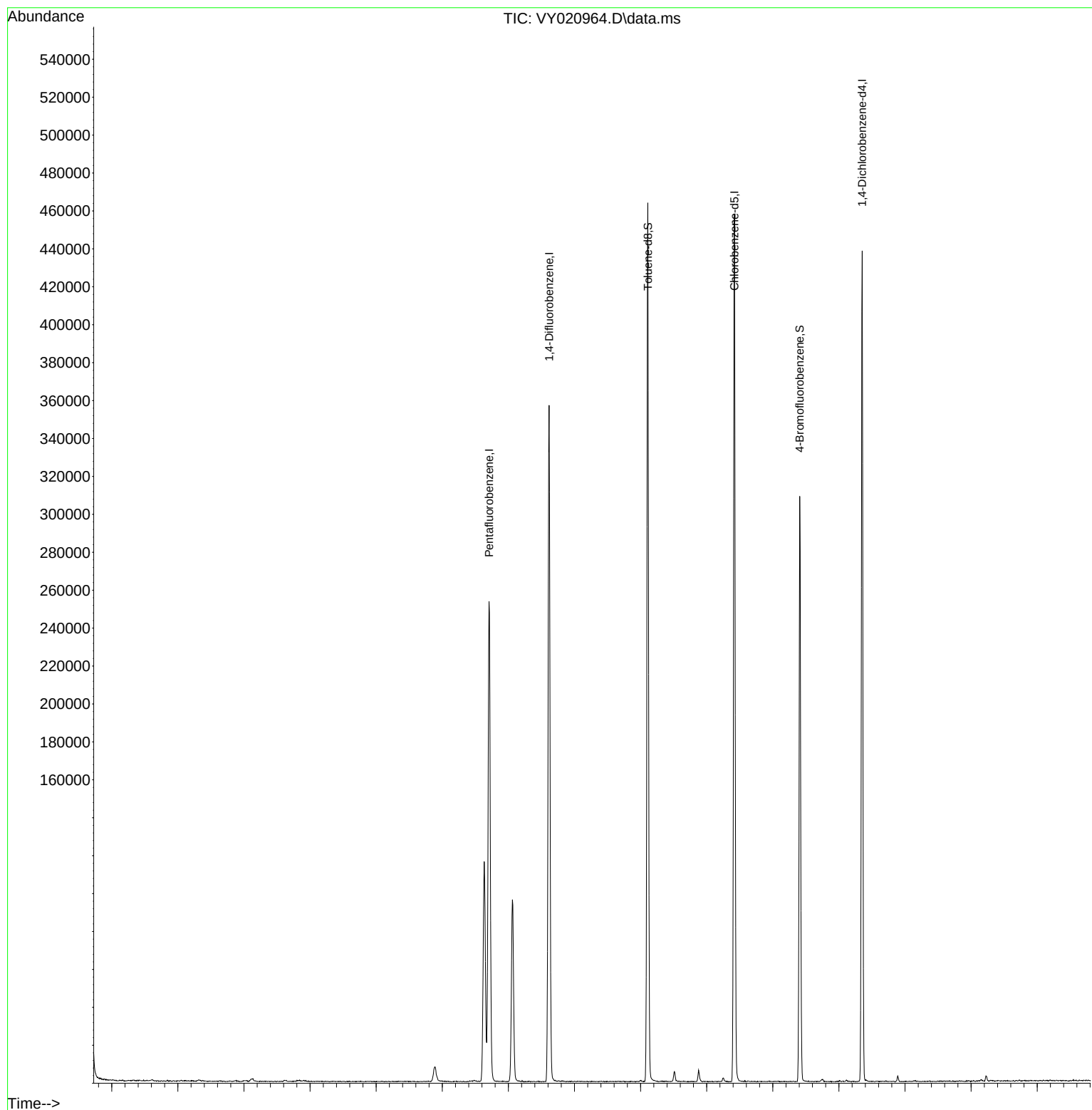
Target Compounds	Qvalue

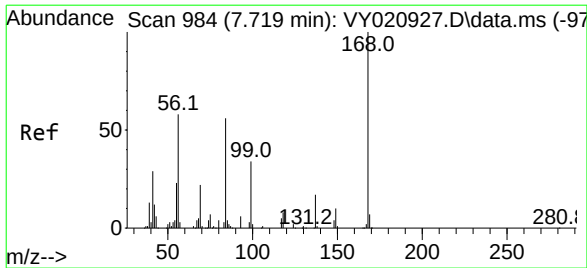
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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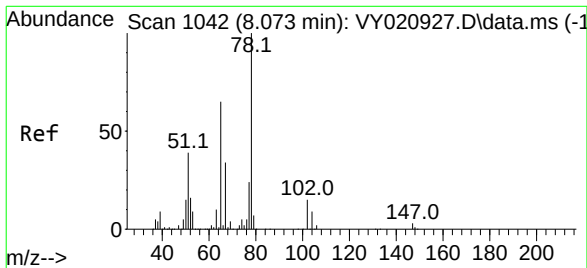
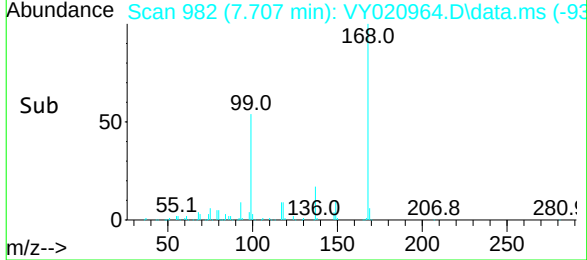
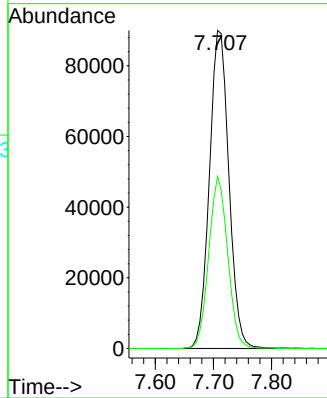
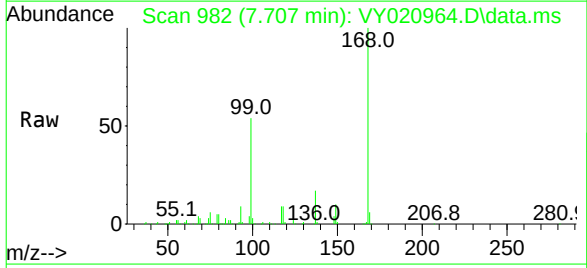




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020964.D
Acq: 29 Jan 2025 12:33

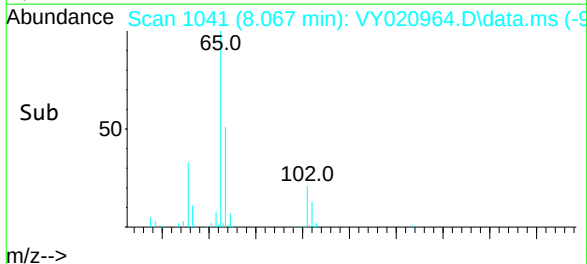
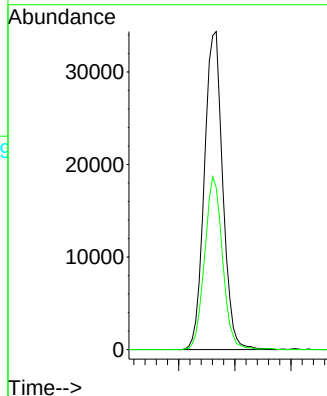
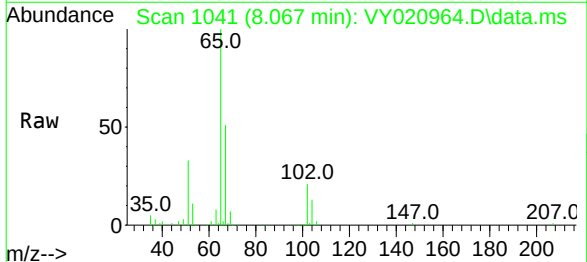
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

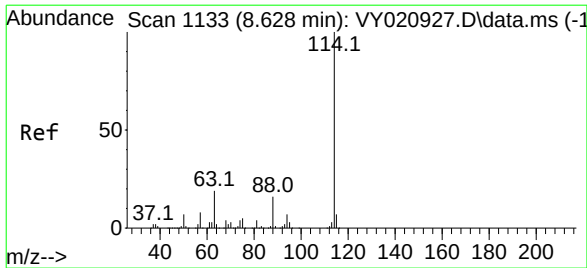
Tgt Ion:168 Resp: 209545
Ion Ratio Lower Upper
168 100
99 54.0 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 46.885 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020964.D
Acq: 29 Jan 2025 12:33

Tgt Ion: 65 Resp: 78332
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8

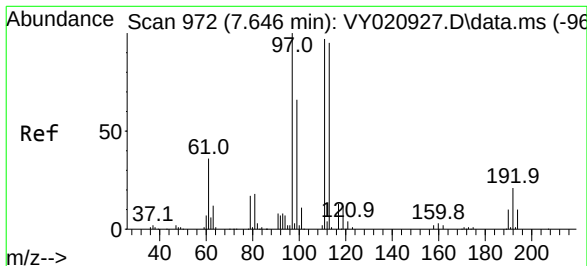
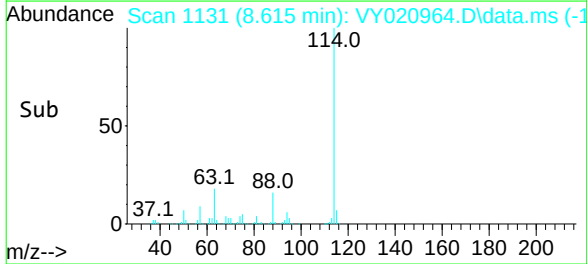
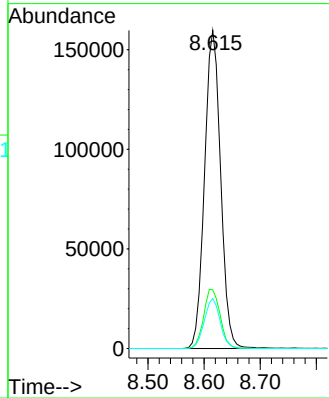
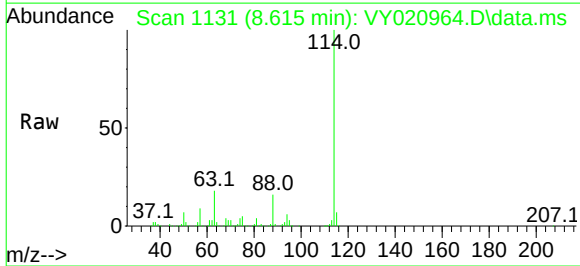




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020964.D
Acq: 29 Jan 2025 12:33

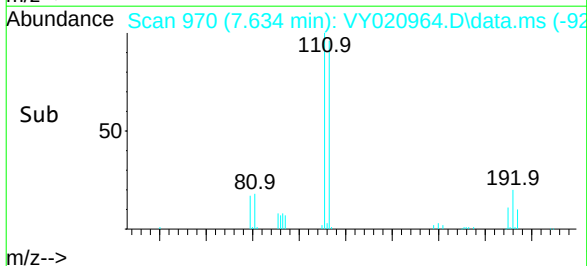
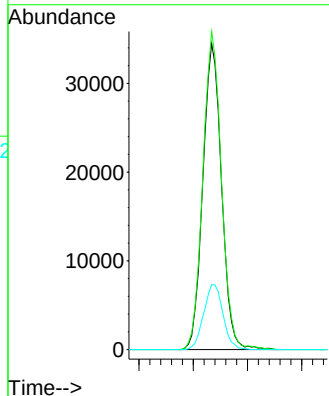
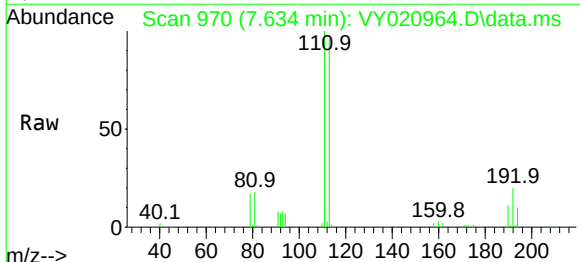
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

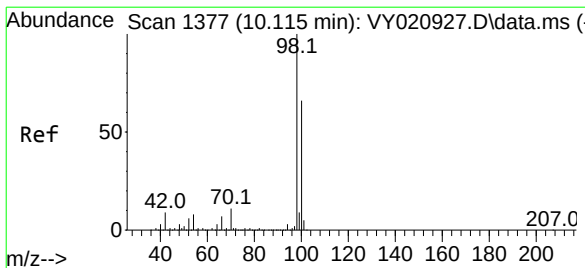
Tgt Ion:	114	Resp:	317715
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.4
88	15.7	0.0	31.6



#35
Dibromofluoromethane
Concen: 45.256 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020964.D
Acq: 29 Jan 2025 12:33

Tgt Ion:	113	Resp:	82544
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	22.0	17.4	26.2





#50

Toluene-d8

Concen: 43.169 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020964.D

Acq: 29 Jan 2025 12:33

Instrument :

MSVOA_Y

ClientSampleId :

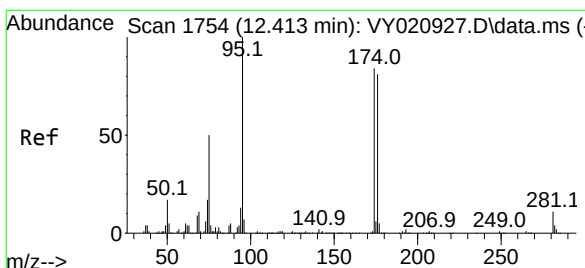
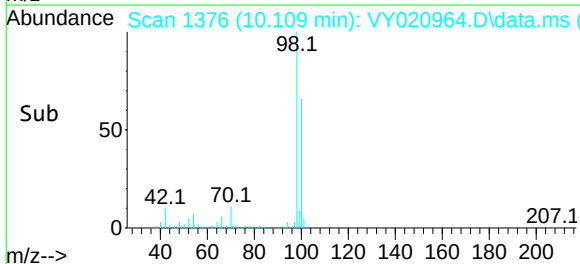
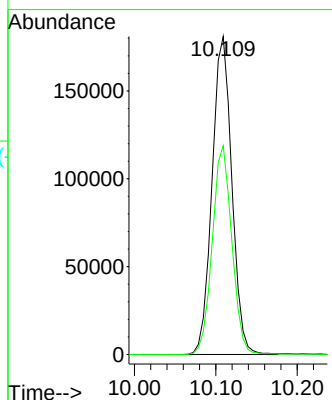
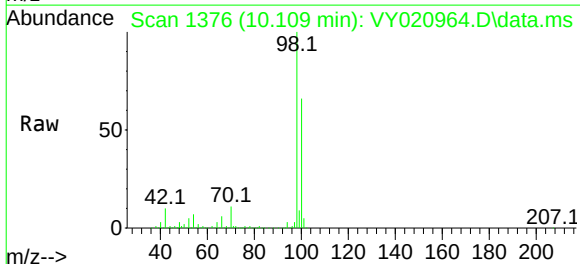
WC-5-VOC

Tgt Ion: 98 Resp: 305408

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.042 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020964.D

Acq: 29 Jan 2025 12:33

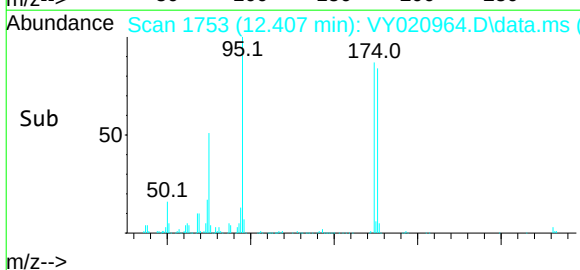
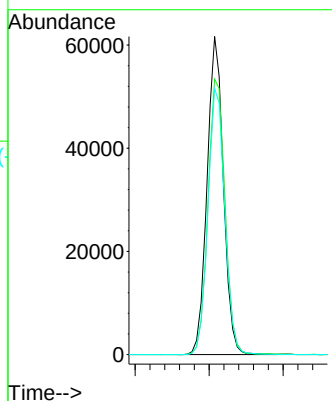
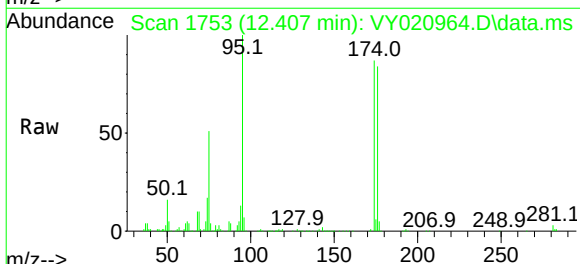
Tgt Ion: 95 Resp: 94280

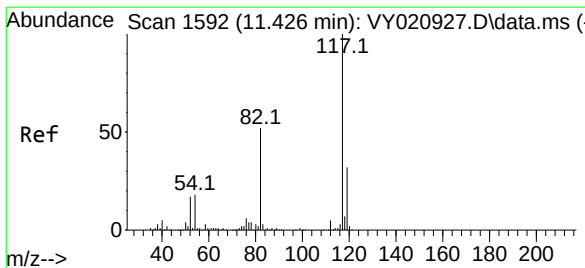
Ion Ratio Lower Upper

95 100

174 90.6 0.0 177.4

176 86.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020964.D

Acq: 29 Jan 2025 12:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-VOC

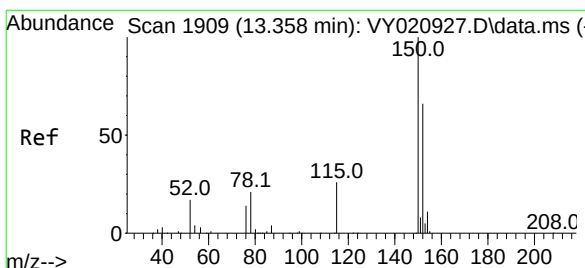
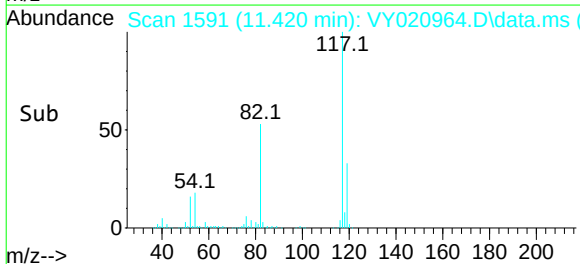
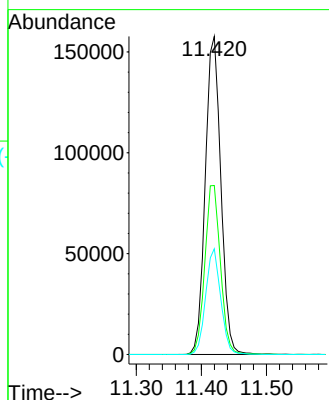
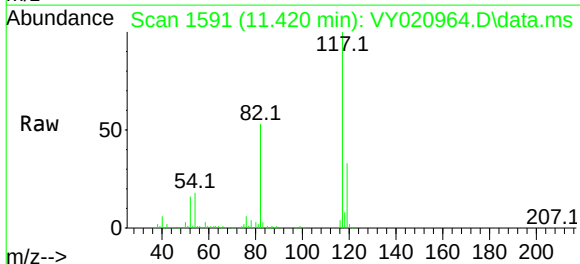
Tgt Ion:117 Resp: 262216

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

119 33.2 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: VY020964.D

Acq: 29 Jan 2025 12:33

Tgt Ion:152 Resp: 117436

Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 155.9 0.0 347.6

