

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020954.D
 Acq On : 27 Jan 2025 17:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 28 01:16:19 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	190116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325308	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	278724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	106802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90537	59.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.460%
35) Dibromofluoromethane	7.640	113	103164	55.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.109	98	377656	52.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.408	95	111433	46.222	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.440%

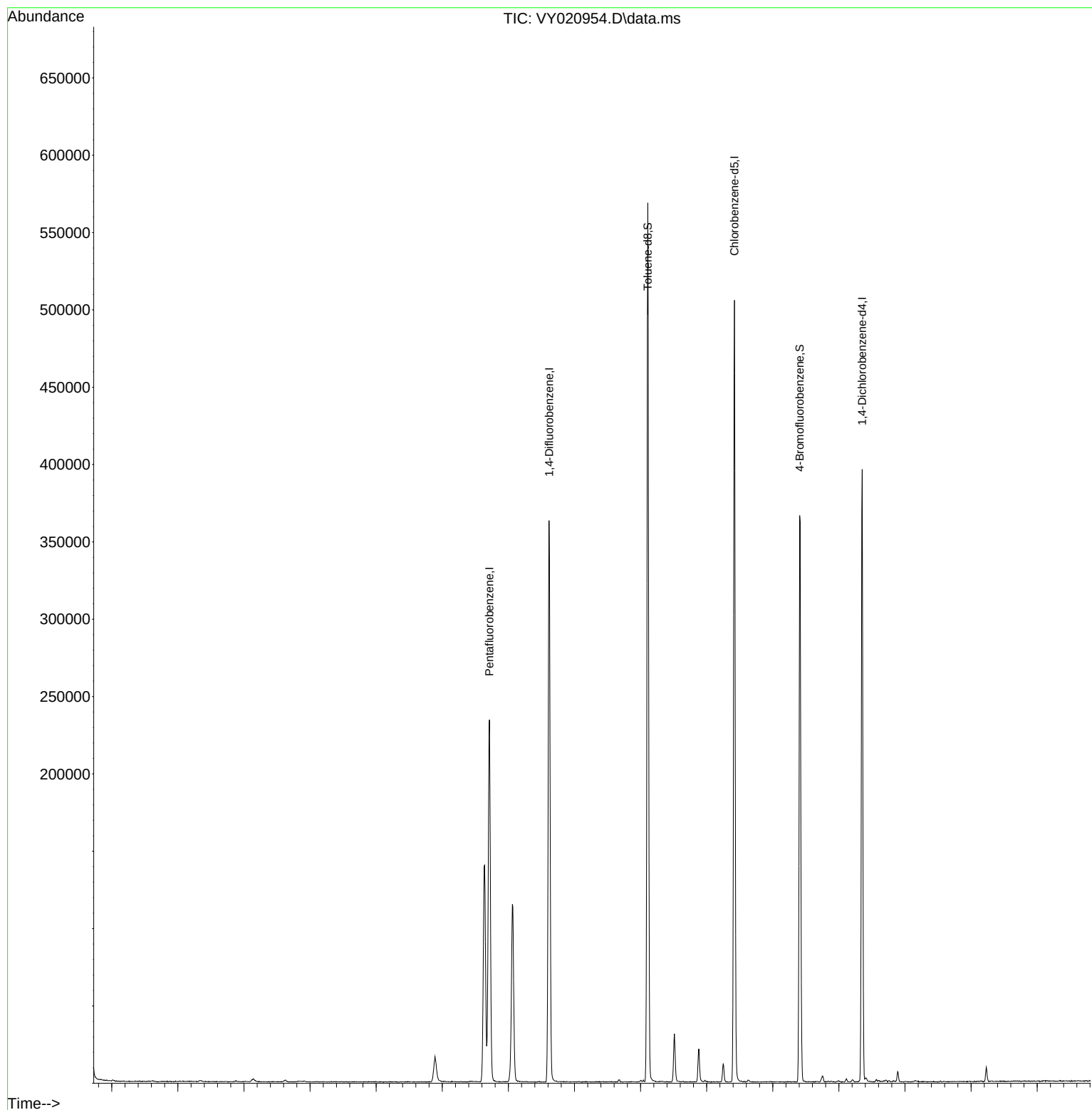
Target Compounds	Qvalue

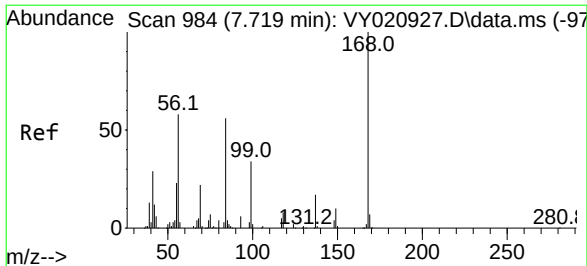
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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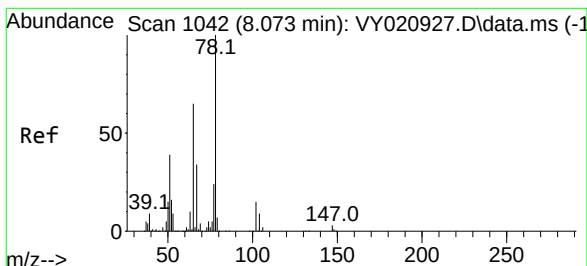
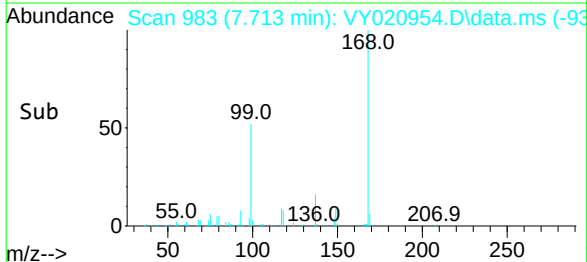
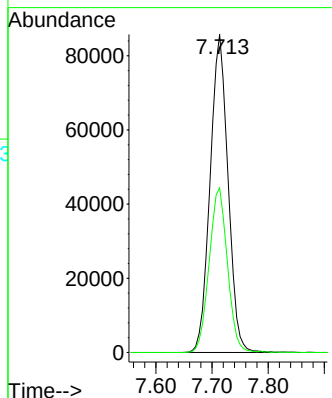
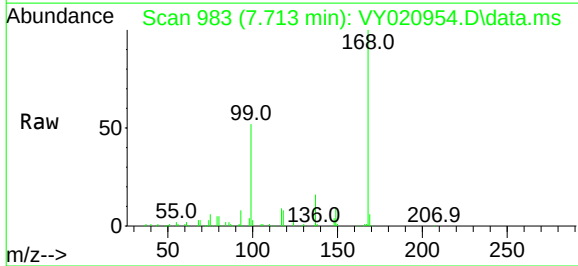




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

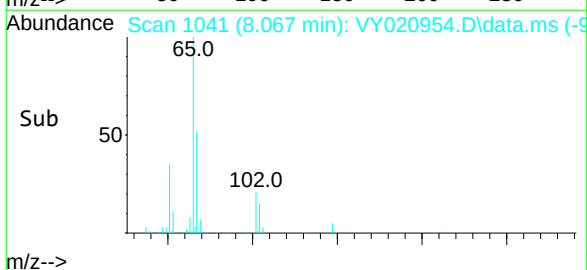
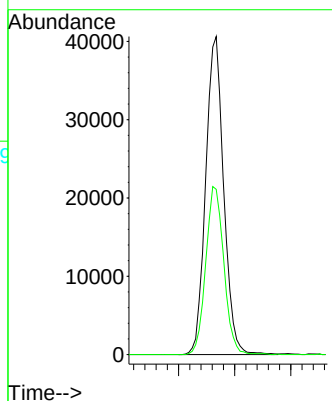
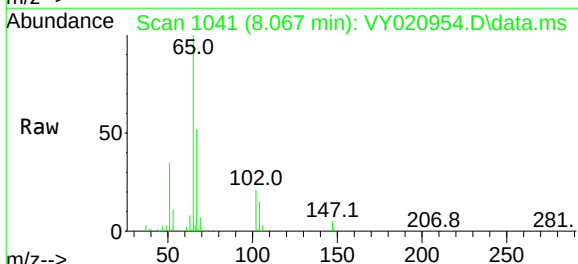
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

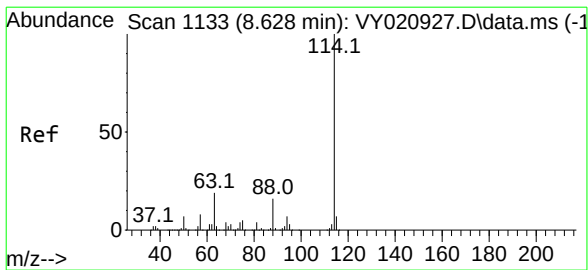
Tgt Ion:168 Resp: 190116
Ion Ratio Lower Upper
168 100
99 51.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 59.729 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Tgt Ion: 65 Resp: 90537
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

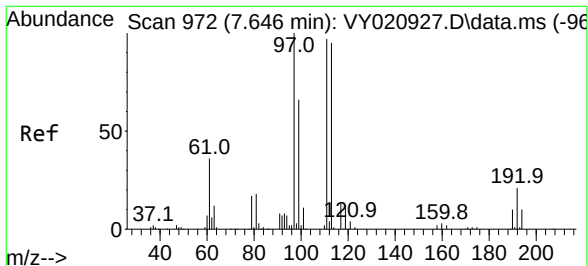
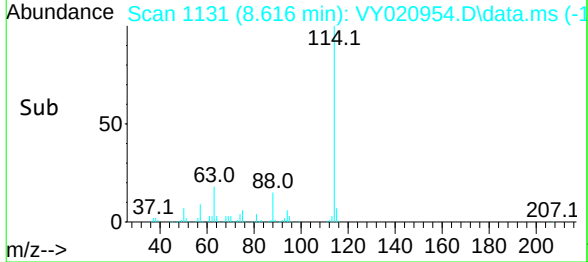
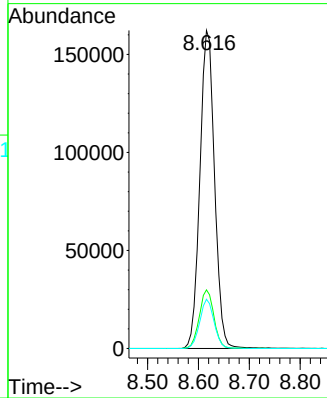
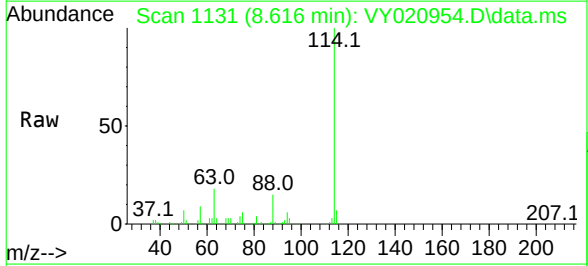




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

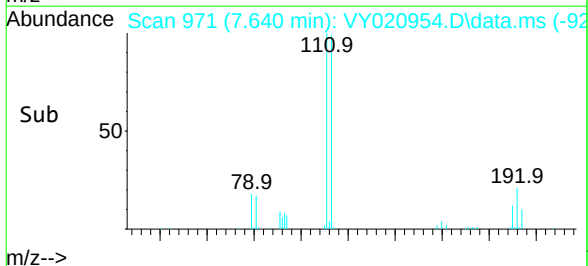
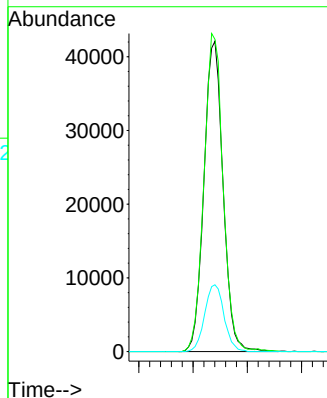
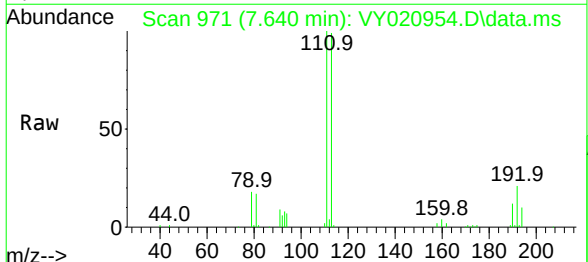
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

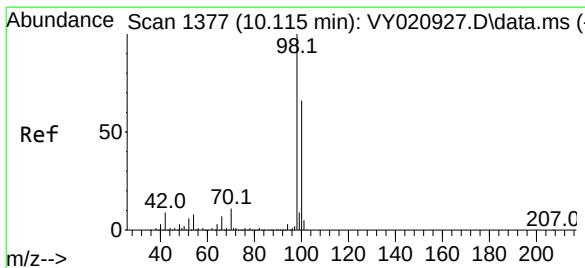
Tgt Ion:	114	Resp:	325308
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.4
88	15.5	0.0	31.6



#35
Dibromofluoromethane
Concen: 55.241 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020954.D
Acq: 27 Jan 2025 17:35

Tgt Ion:	113	Resp:	103164
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	21.8	17.4	26.2





#50

Toluene-d8

Concen: 52.135 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Instrument :

MSVOA_Y

ClientSampleId :

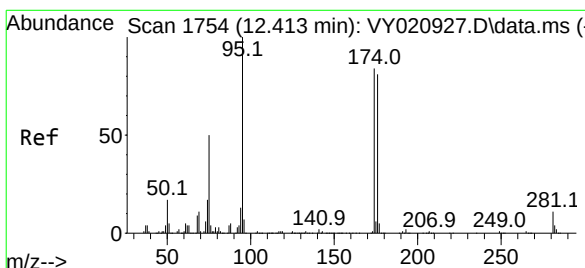
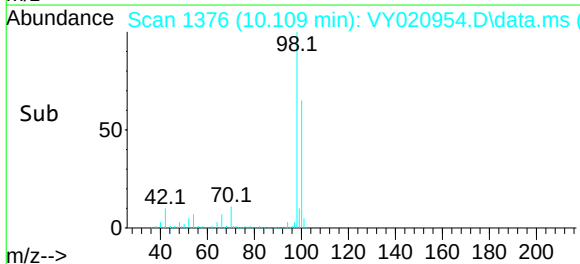
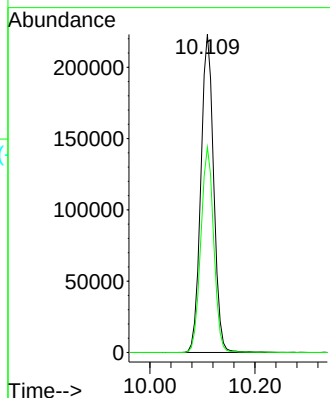
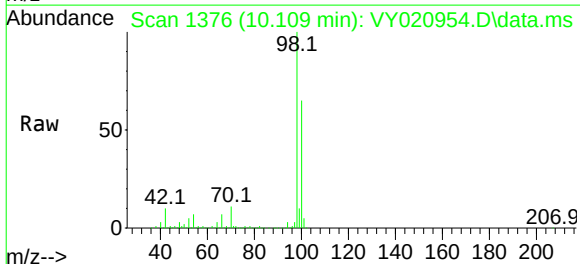
VIBLK

Tgt Ion: 98 Resp: 377656

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.222 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

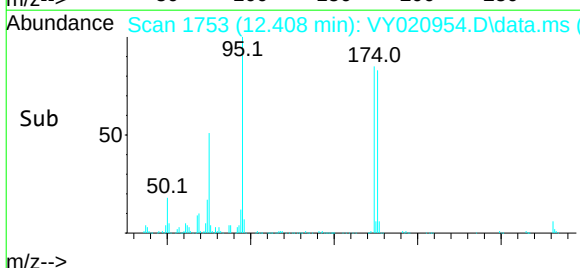
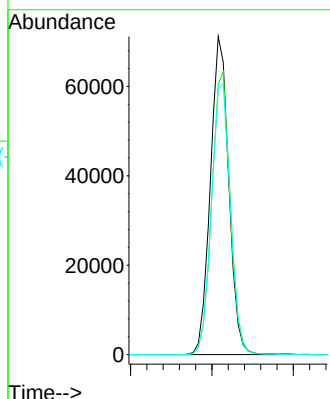
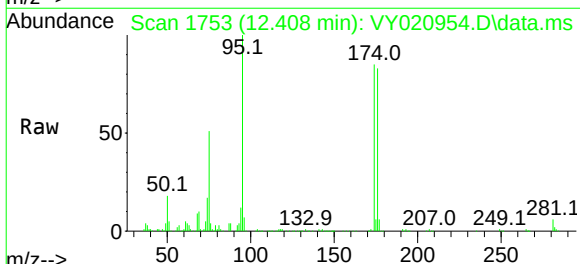
Tgt Ion: 95 Resp: 111433

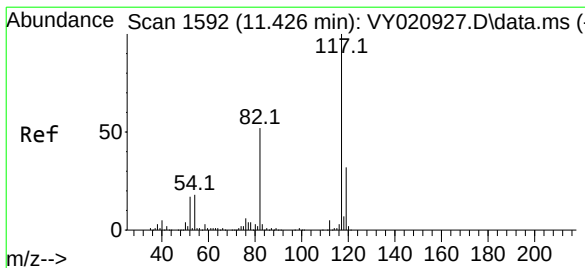
Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.4

176 87.7 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: VY020954.D

Acq: 27 Jan 2025 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

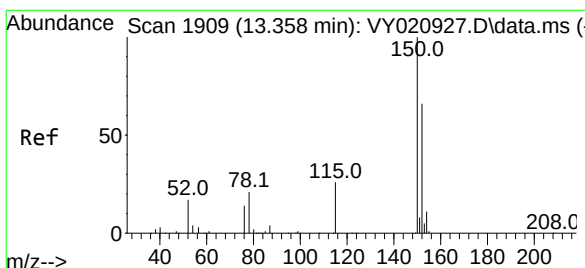
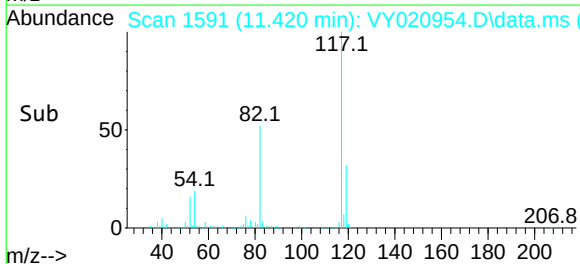
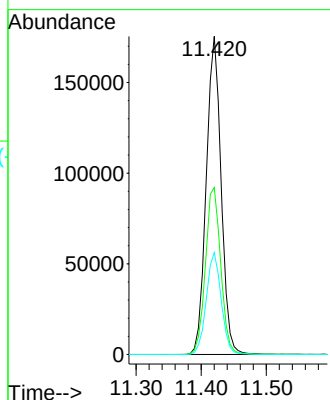
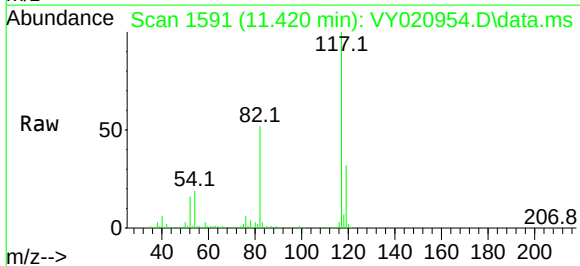
Tgt Ion:117 Resp: 278724

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020954.D

Acq: 27 Jan 2025 17:35

Tgt Ion:152 Resp: 106802

Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 156.2 0.0 347.6

