

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020984.D
 Acq On : 30 Jan 2025 14:31
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 31 04:40:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	223983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	336821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	283707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	134505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90893	47.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.646	113	95610	47.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.115	98	360684	45.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.280%
62) 4-Bromofluorobenzene	12.414	95	118217	44.577	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.160%

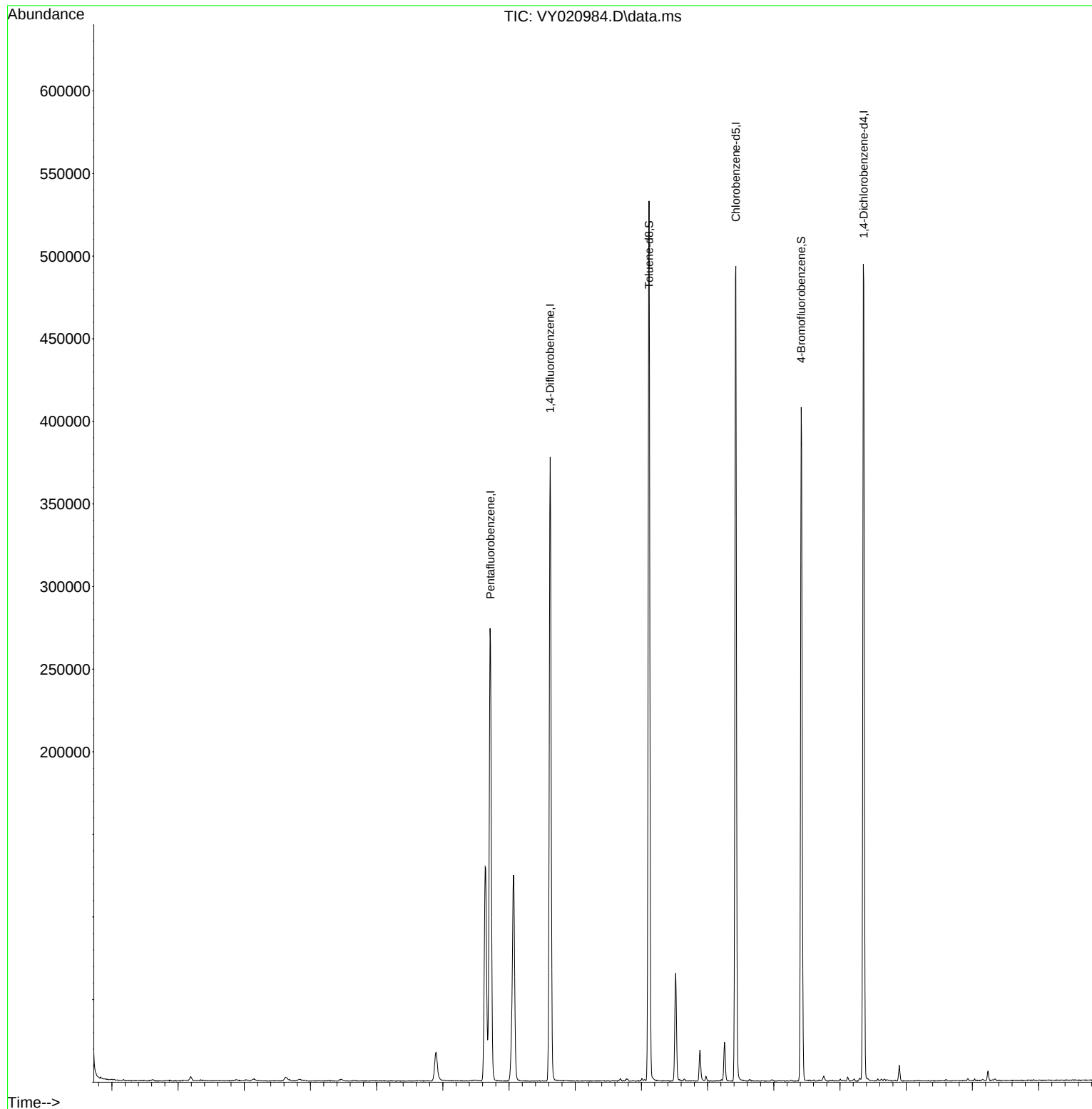
Target Compounds Qvalue

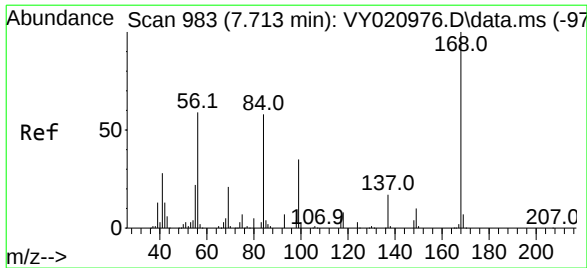
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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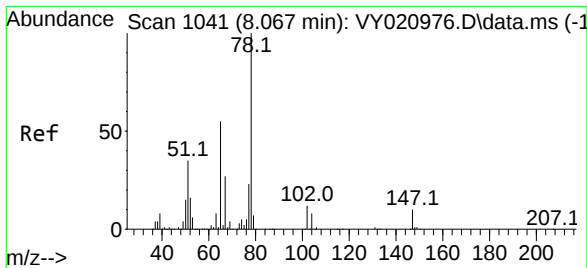
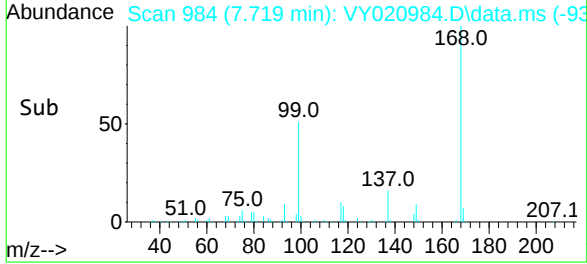
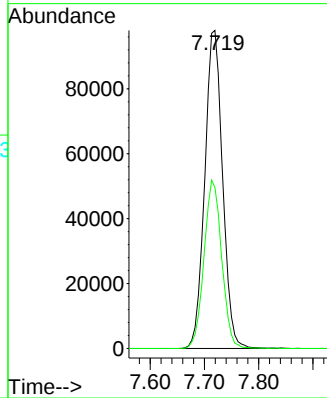
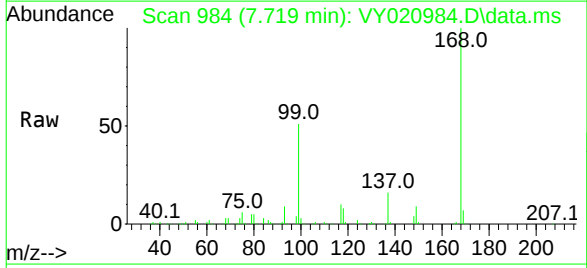




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

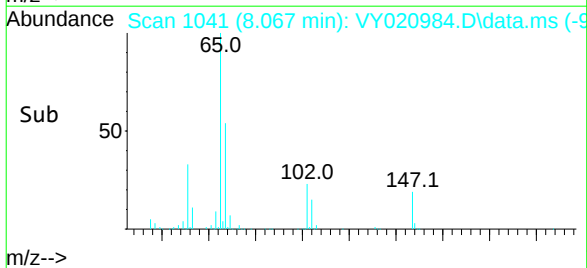
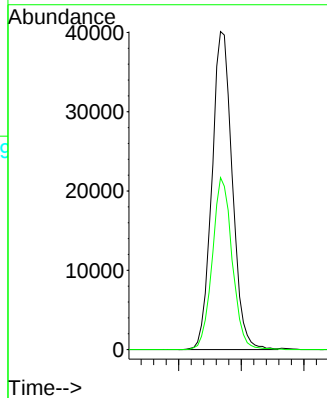
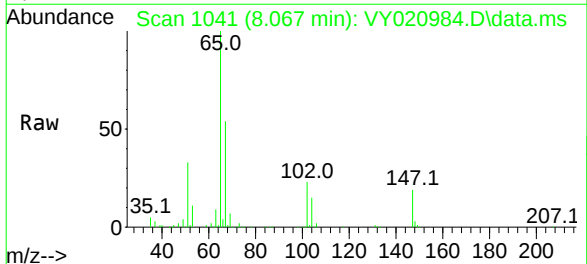
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

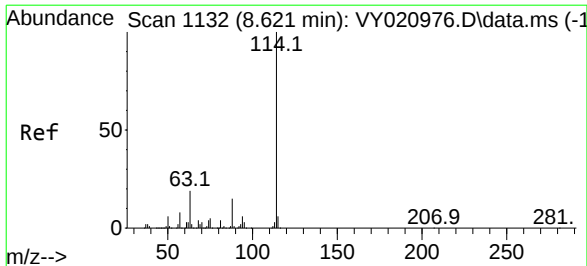
Tgt Ion:168 Resp: 223983
Ion Ratio Lower Upper
168 100
99 50.6 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 47.662 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion: 65 Resp: 90893
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.4

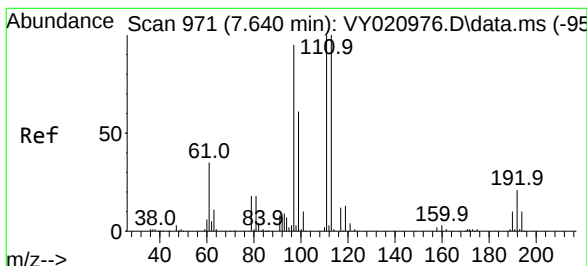
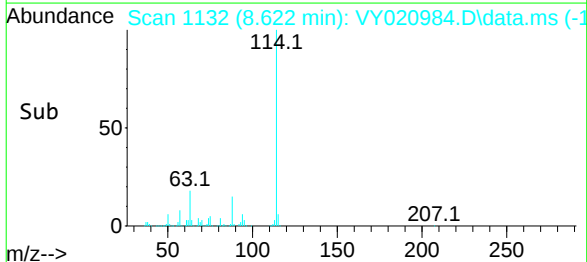
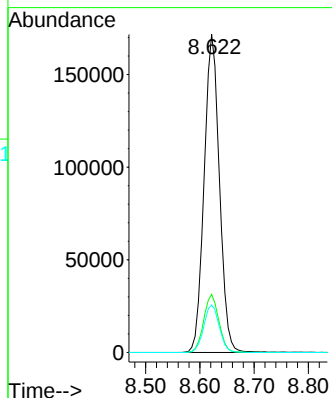
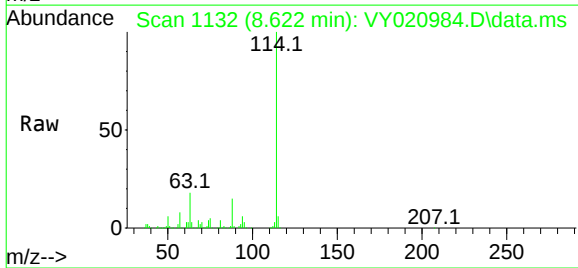




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

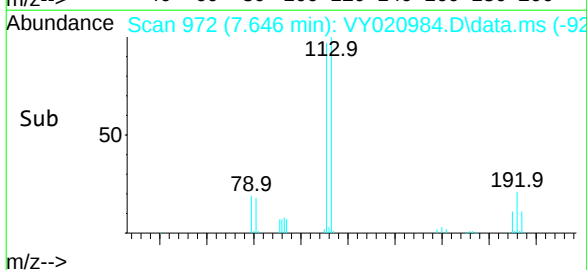
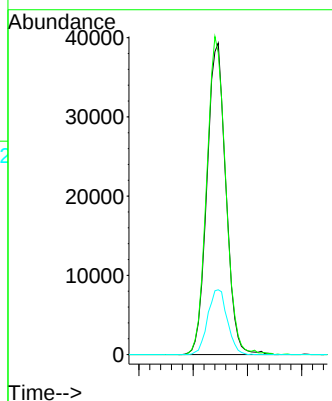
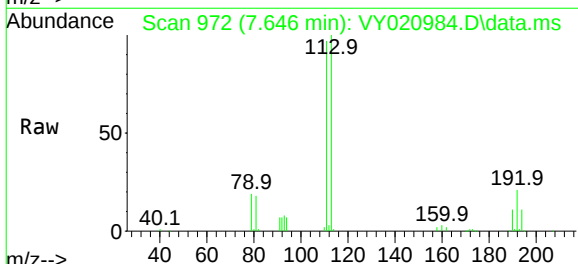
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

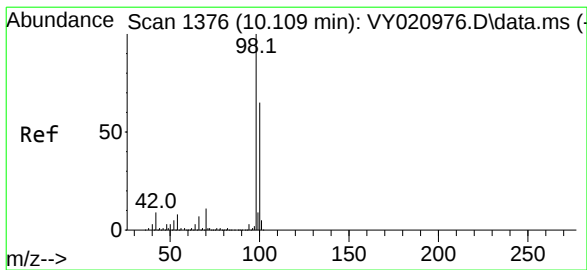
Tgt Ion:	114	Resp:	336821
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	37.2
88	15.0	0.0	29.6



#35
Dibromofluoromethane
Concen: 47.217 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020984.D
Acq: 30 Jan 2025 14:31

Tgt Ion:	113	Resp:	95610
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	21.4	16.8	25.2





#50

Toluene-d8

Concen: 45.637 ug/l

RT: 10.115 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020984.D

Acq: 30 Jan 2025 14:31

Instrument :

MSVOA_Y

ClientSampleId :

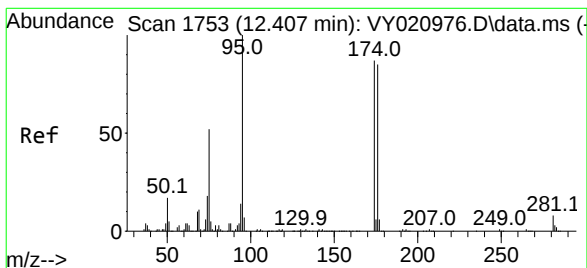
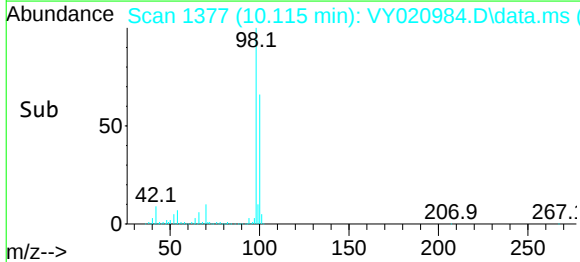
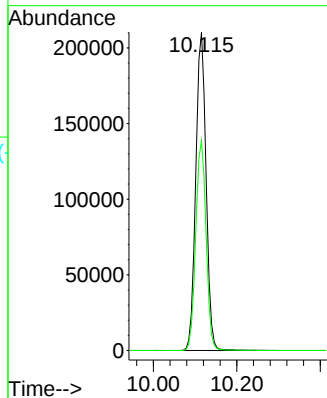
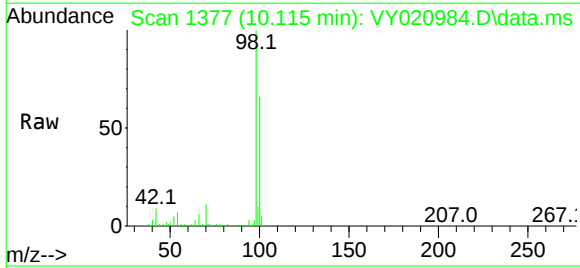
VIBLK

Tgt Ion: 98 Resp: 360684

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 44.577 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020984.D

Acq: 30 Jan 2025 14:31

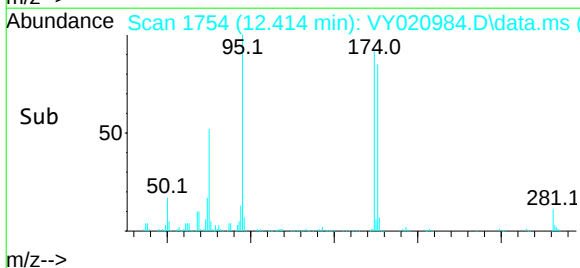
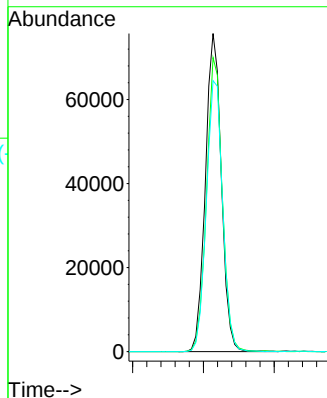
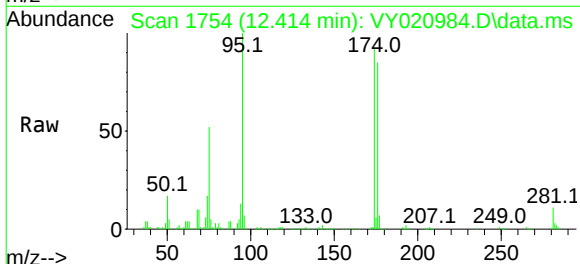
Tgt Ion: 95 Resp: 118217

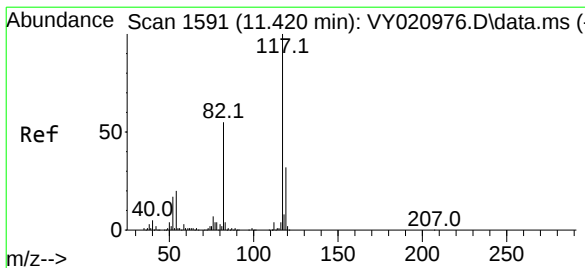
Ion Ratio Lower Upper

95 100

174 91.3 0.0 181.2

176 87.4 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020984.D

Acq: 30 Jan 2025 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

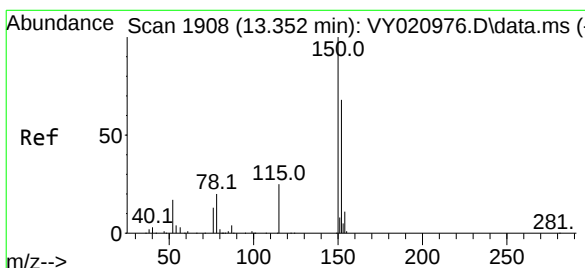
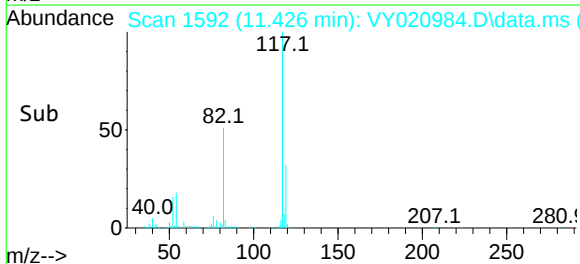
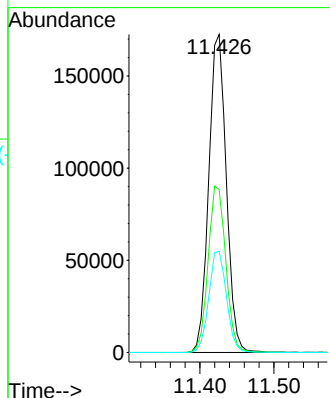
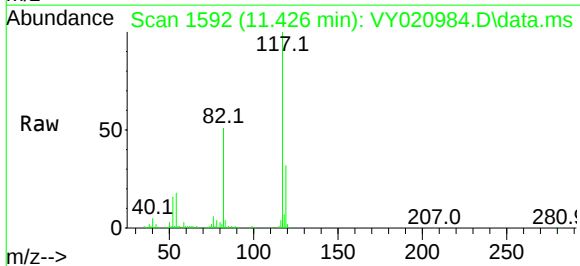
Tgt Ion:117 Resp: 283707

Ion Ratio Lower Upper

117 100

82 51.2 44.2 66.2

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020984.D

Acq: 30 Jan 2025 14:31

Tgt Ion:152 Resp: 134505

Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.2

150 159.3 0.0 342.8

