

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020836.D
 Acq On : 15 Jan 2025 16:50
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 16 01:00:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	192448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	332709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101641	62.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.280%
35) Dibromofluoromethane	7.640	113	106126	50.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.109	98	390267	53.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.408	95	133202	49.641	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.280%

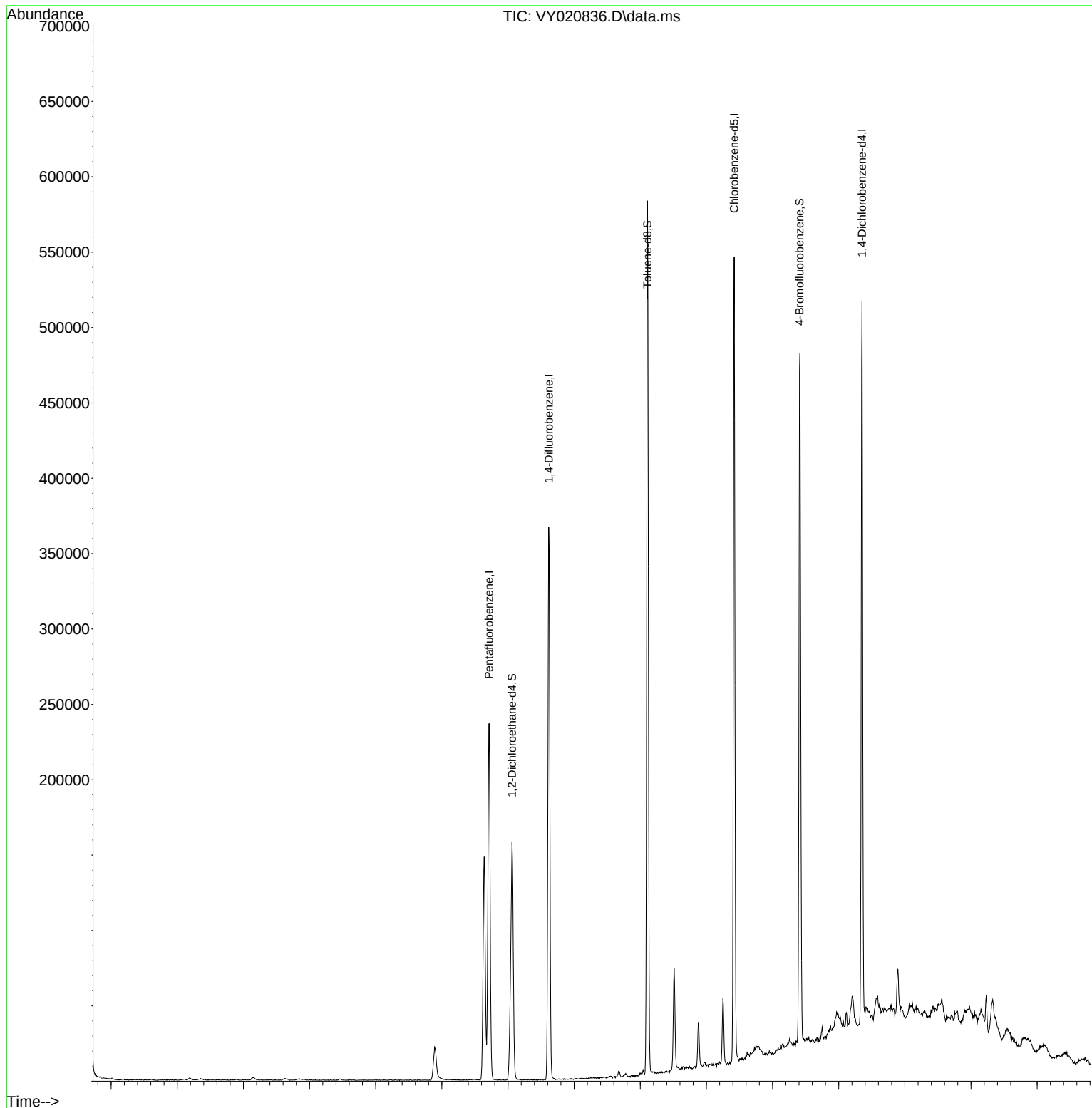
Target Compounds	Qvalue

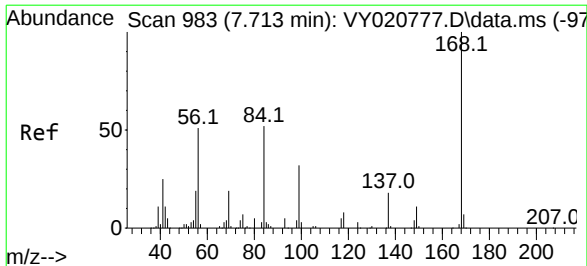
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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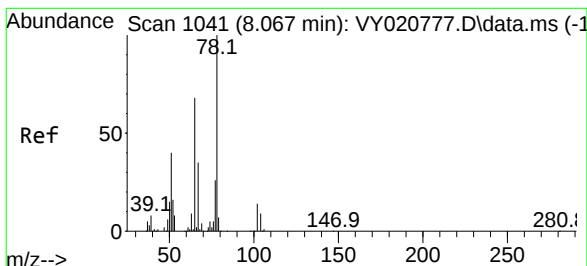
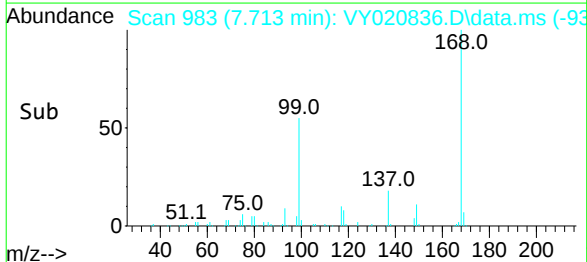
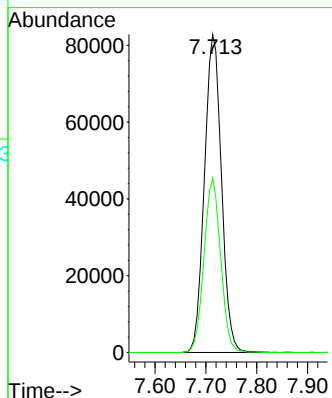
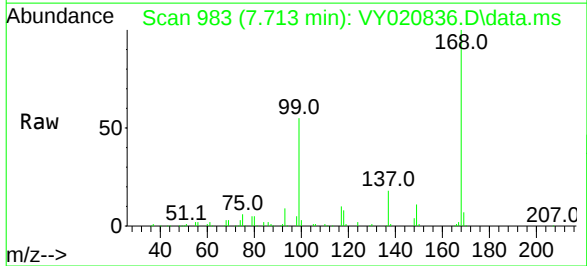




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

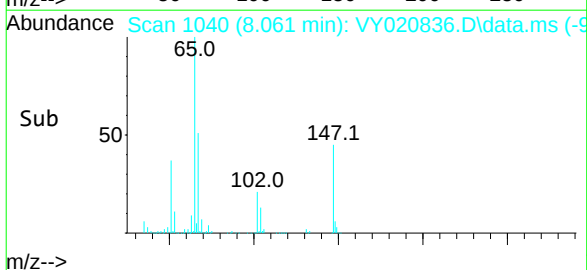
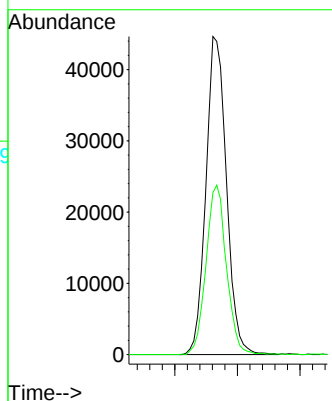
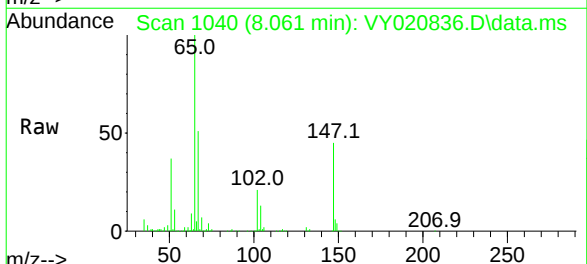
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

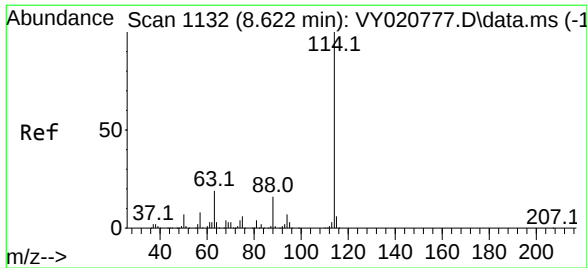
Tgt Ion:168 Resp: 192448
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 62.138 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion: 65 Resp: 101641
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8

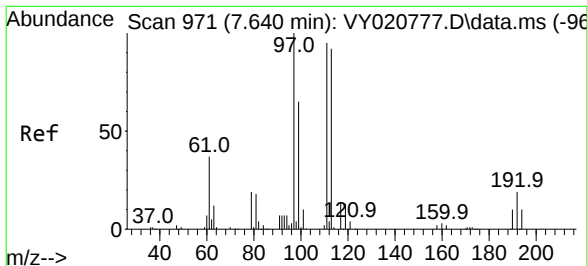
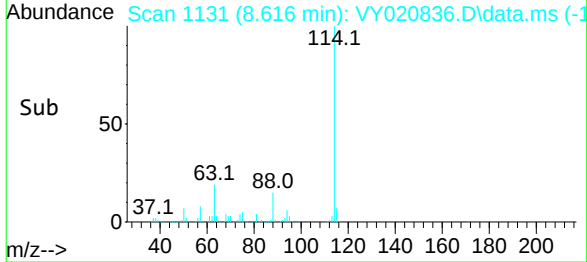
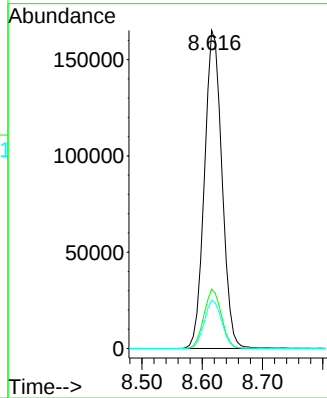
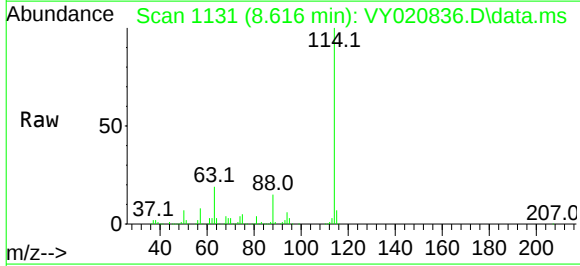




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

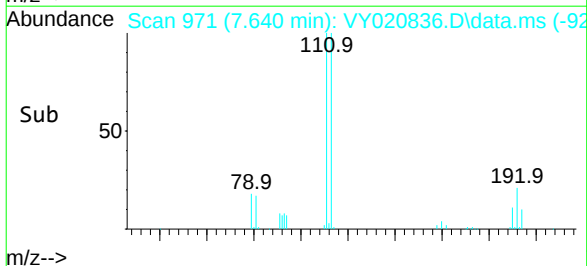
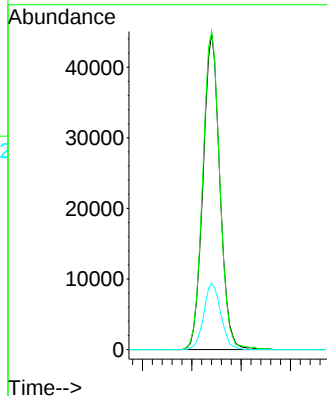
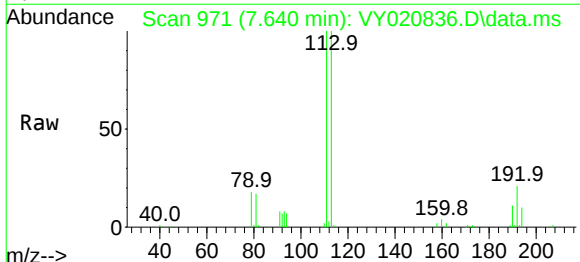
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

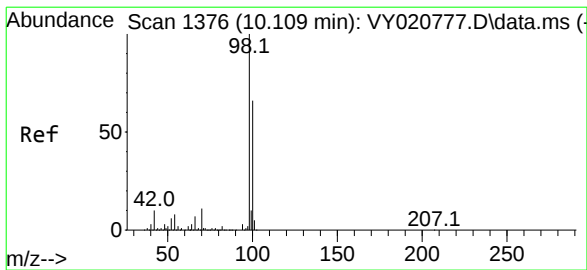
Tgt Ion:114 Resp: 332709
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.915 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020836.D
Acq: 15 Jan 2025 16:50

Tgt Ion:113 Resp: 106126
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 21.3 16.7 25.1





#50

Toluene-d8

Concen: 53.710 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020836.D

Acq: 15 Jan 2025 16:50

Instrument :

MSVOA_Y

ClientSampleId :

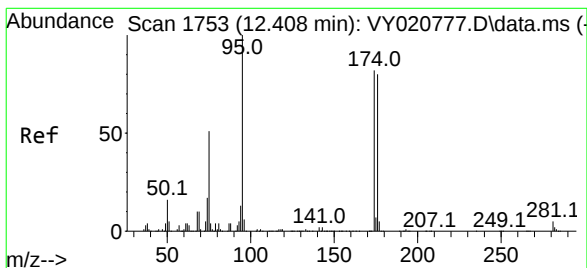
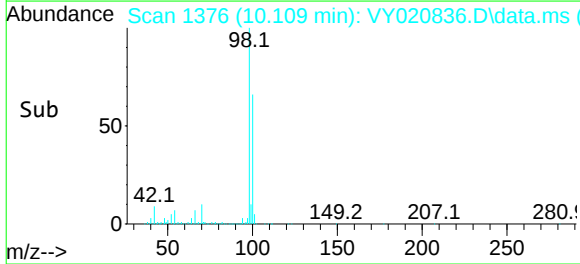
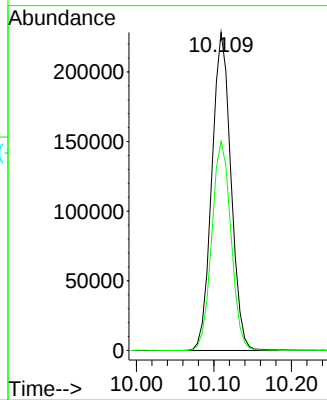
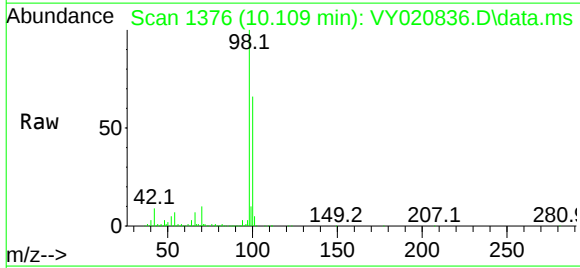
VIBLK

Tgt Ion: 98 Resp: 390267

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 49.641 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020836.D

Acq: 15 Jan 2025 16:50

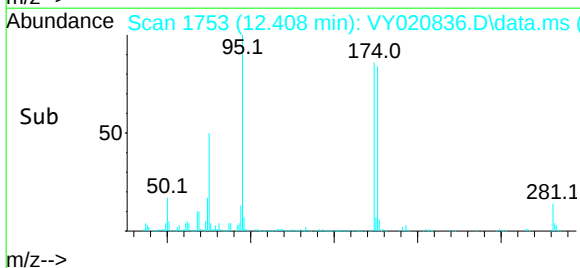
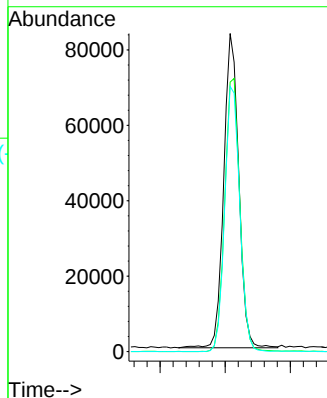
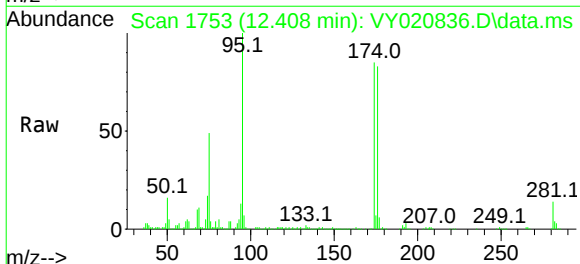
Tgt Ion: 95 Resp: 133202

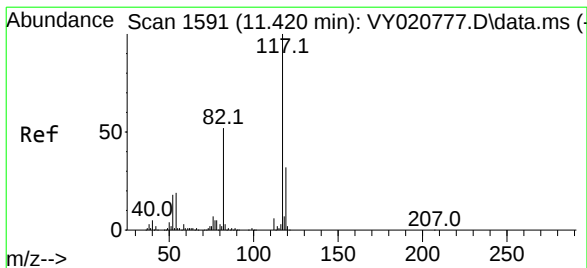
Ion Ratio Lower Upper

95 100

174 87.9 0.0 178.0

176 84.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020836.D

Acq: 15 Jan 2025 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

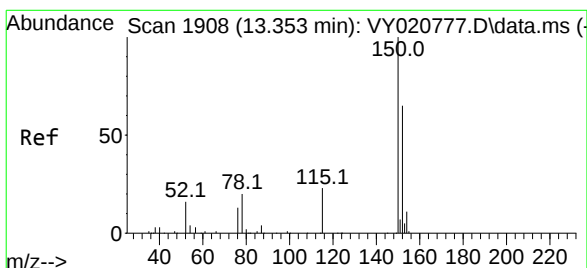
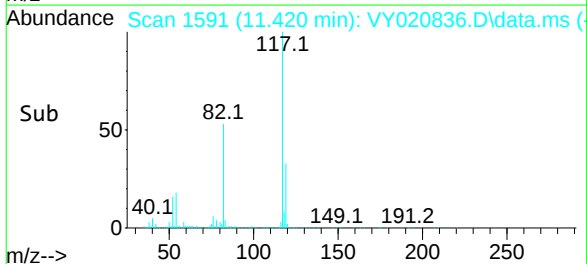
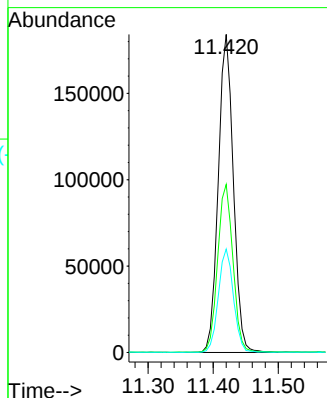
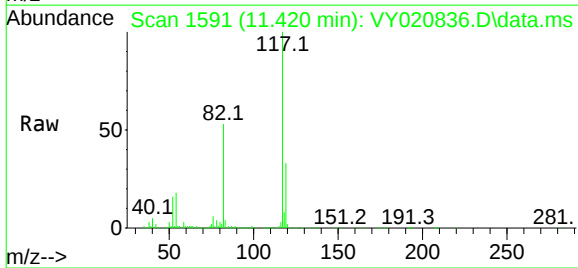
Tgt Ion:117 Resp: 296007

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.6

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020836.D

Acq: 15 Jan 2025 16:50

Tgt Ion:152 Resp: 126917

Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 157.9 0.0 347.4

