

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020903.D
 Acq On : 22 Jan 2025 16:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 23 00:47:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	223080	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	384742	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	331279	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	126883	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	112297	59.225	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.460%
35) Dibromofluoromethane	7.652	113	122701	50.905	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.115	98	447030	53.201	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.400%
62) 4-Bromofluorobenzene	12.420	95	135686	43.728	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.460%

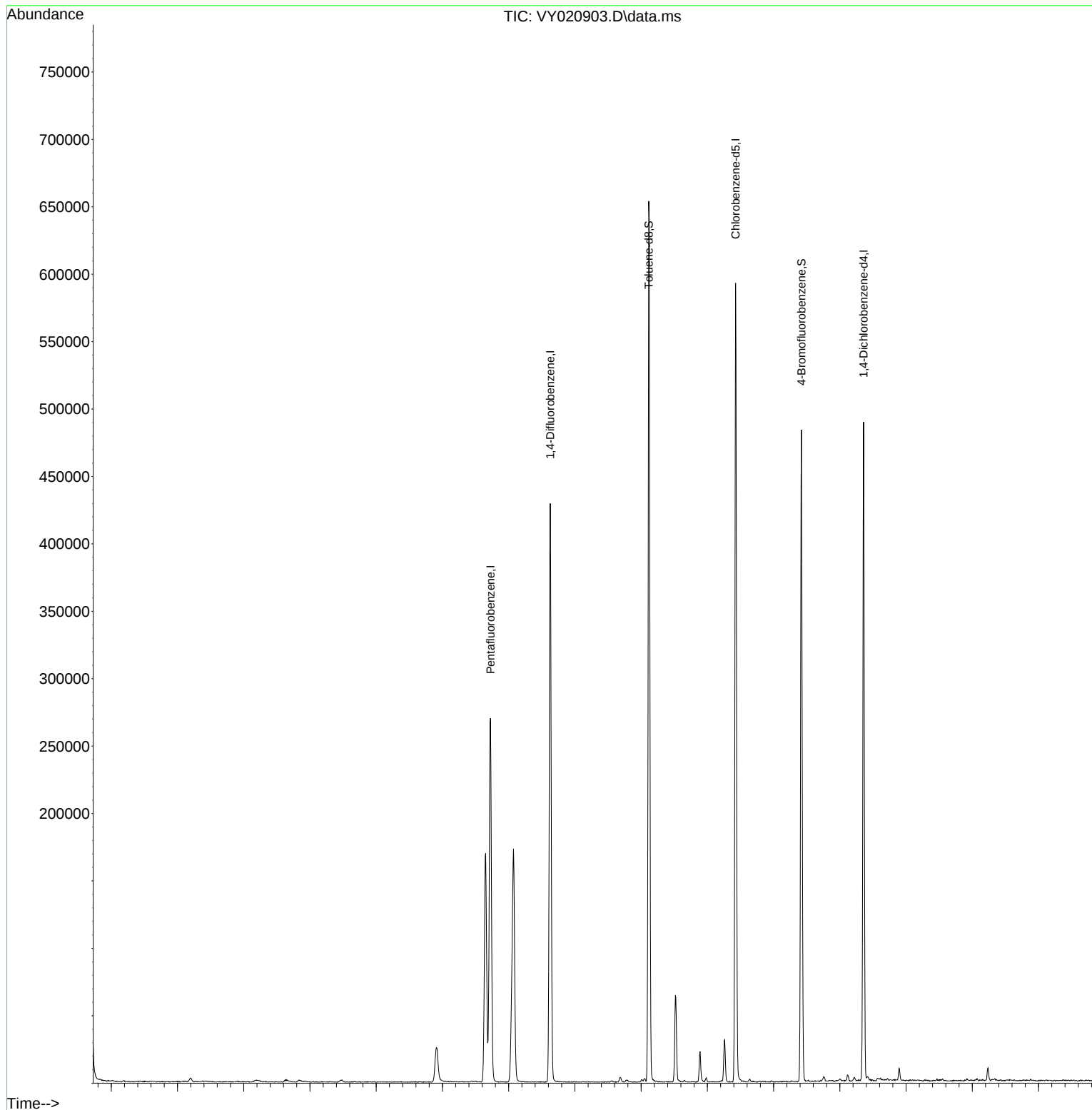
Target Compounds	Qvalue

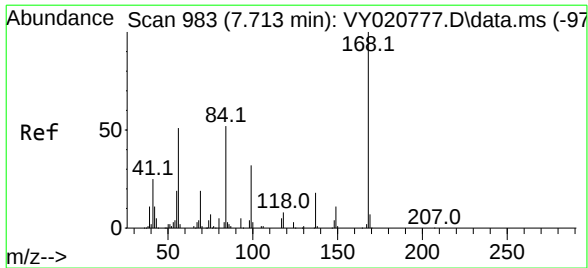
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
Data File : VY020903.D
Acq On : 22 Jan 2025 16:52
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jan 23 00:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

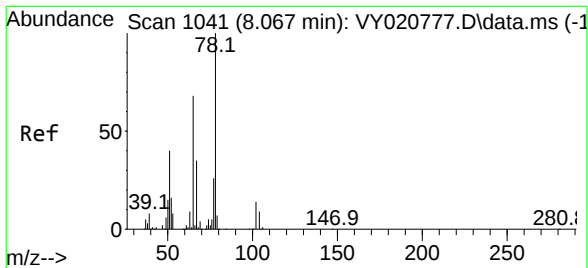
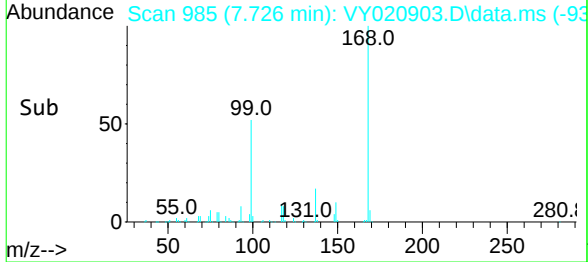
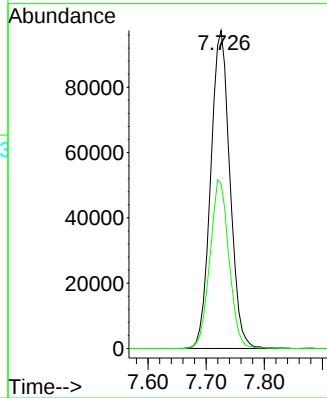
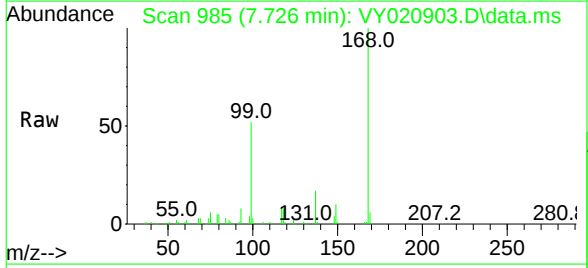




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

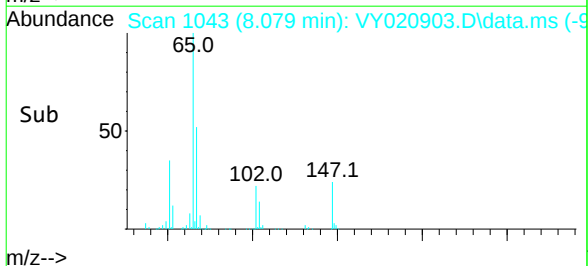
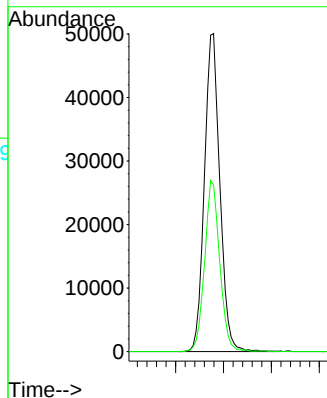
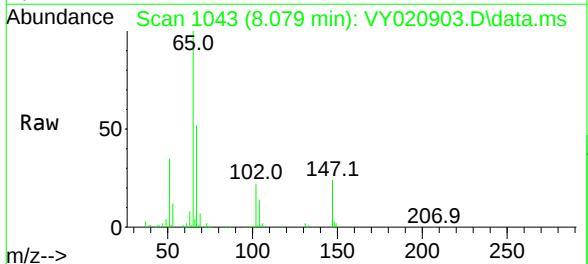
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

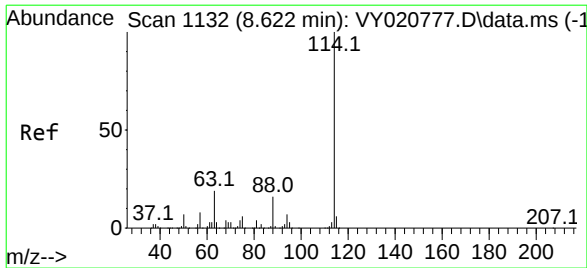
Tgt Ion:168 Resp: 223080
Ion Ratio Lower Upper
168 100
99 52.0 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.225 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Tgt Ion: 65 Resp: 112297
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.8

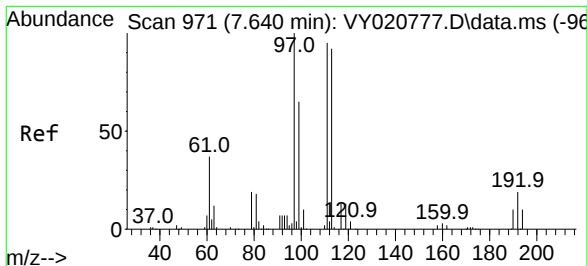
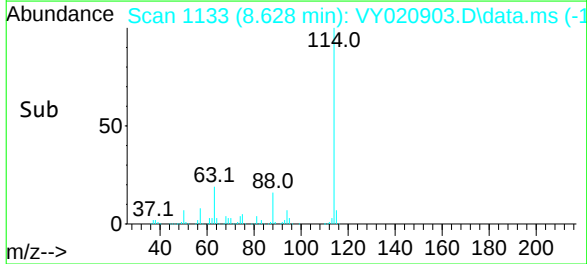
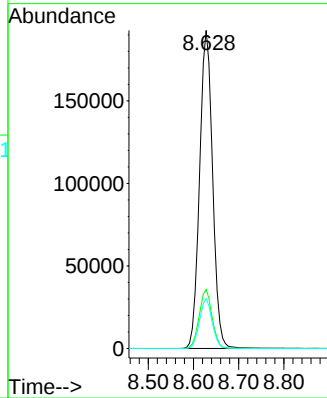
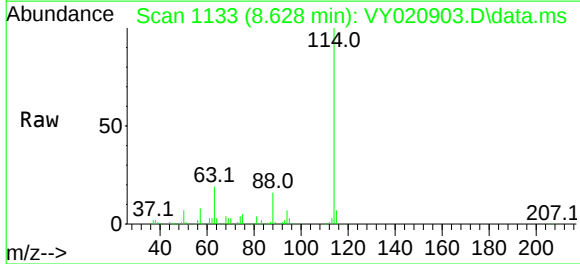




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

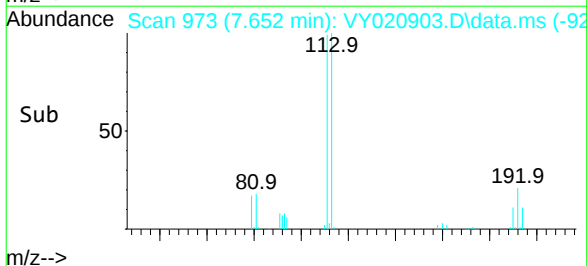
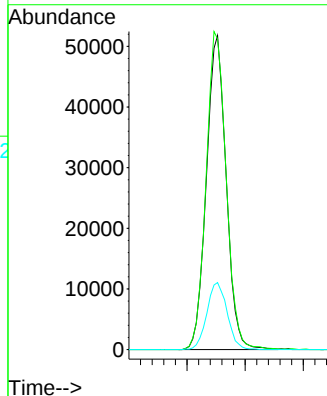
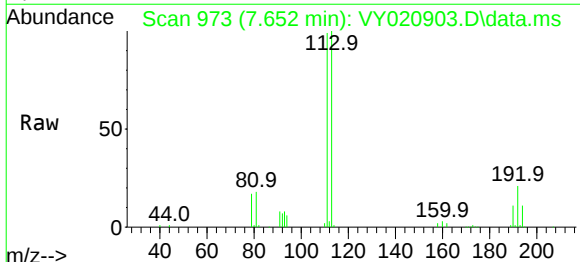
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

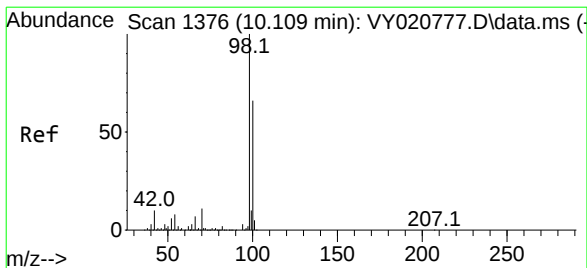
Tgt Ion:114 Resp: 384742
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.905 ug/l
RT: 7.652 min Scan# 973
Delta R.T. -0.012 min
Lab File: VY020903.D
Acq: 22 Jan 2025 16:52

Tgt Ion:113 Resp: 122701
Ion Ratio Lower Upper
113 100
111 102.5 81.7 122.5
192 21.8 16.7 25.1





#50

Toluene-d8

Concen: 53.201 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.018 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

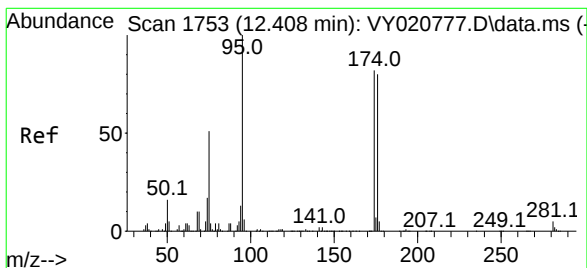
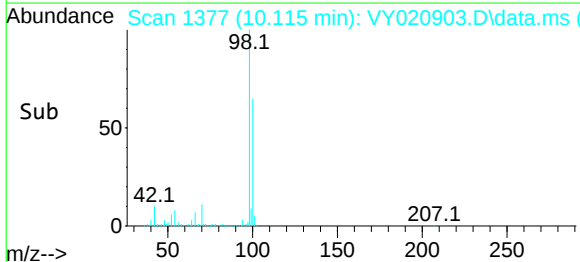
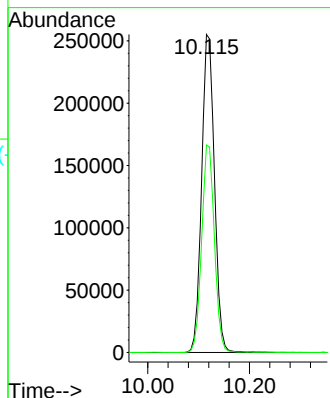
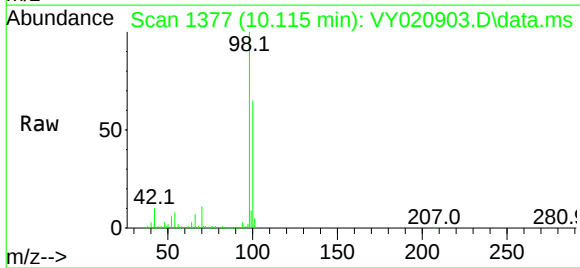
VIBLK

Tgt Ion: 98 Resp: 447030

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.728 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

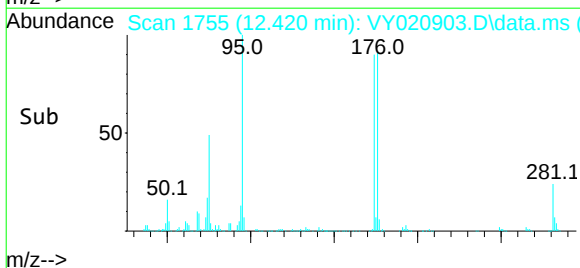
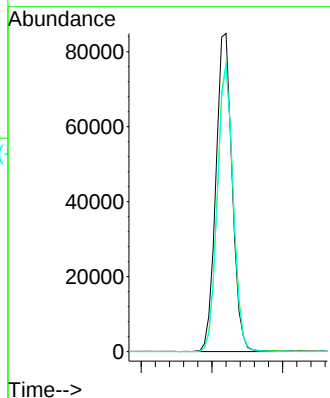
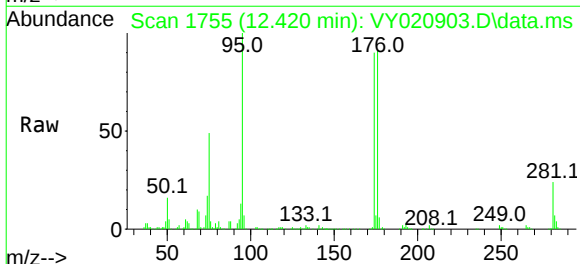
Tgt Ion: 95 Resp: 135686

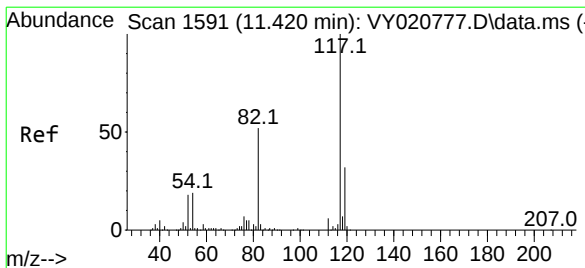
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.0

176 86.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. -0.012 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

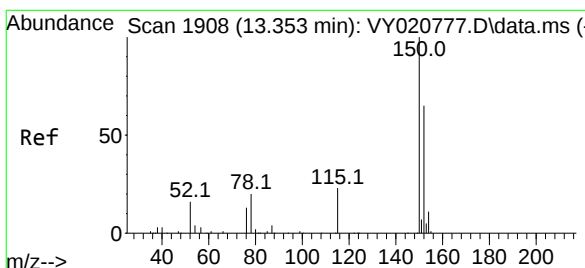
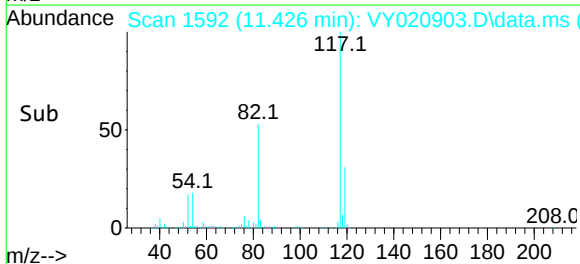
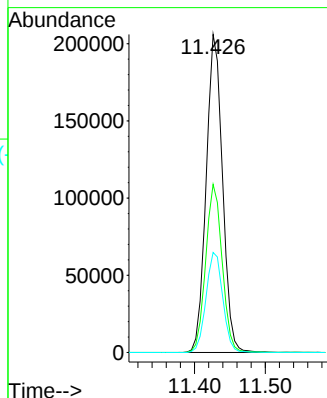
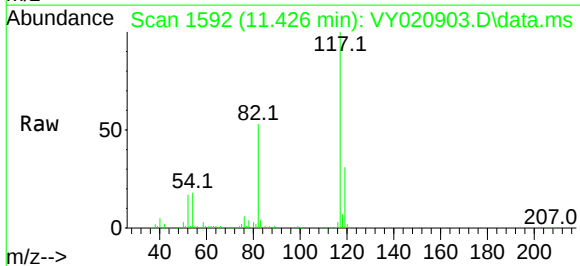
Tgt Ion:117 Resp: 331279

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

119 31.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020903.D

Acq: 22 Jan 2025 16:52

Tgt Ion:152 Resp: 126883

Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 157.6 0.0 347.4

