

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020913.D
 Acq On : 23 Jan 2025 16:19
 Operator : SY/MD
 Sample : Q1169-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPILL-SITE

Quant Time: Jan 24 00:18:55 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	7.732	168	423353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	634301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	481647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	194974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	141725	39.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.780%
35) Dibromofluoromethane	7.659	113	166327	41.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.720%
50) Toluene-d8	10.122	98	653873	47.201	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.420	95	181960	35.569	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.140%

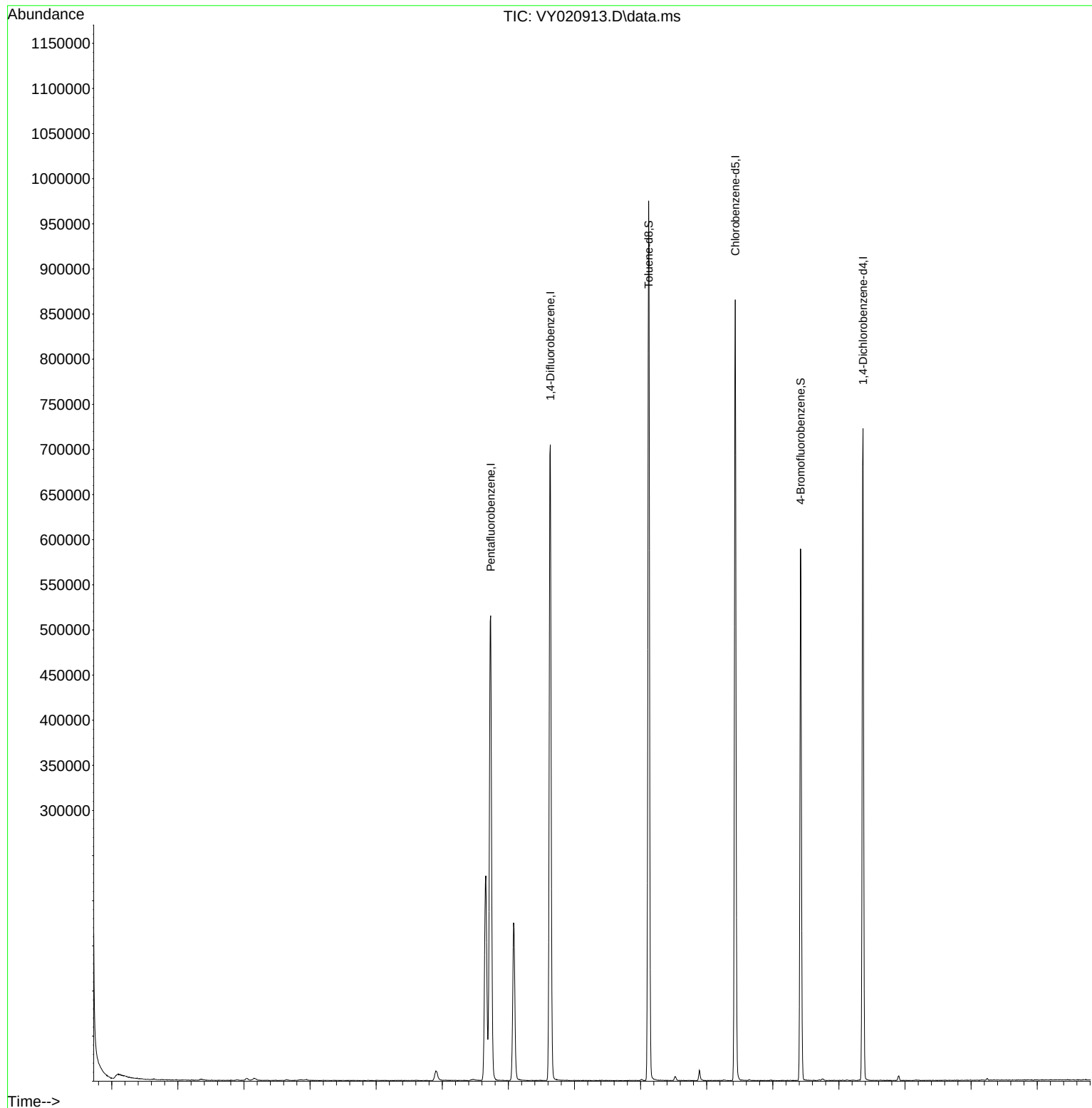
Target Compounds Qvalue

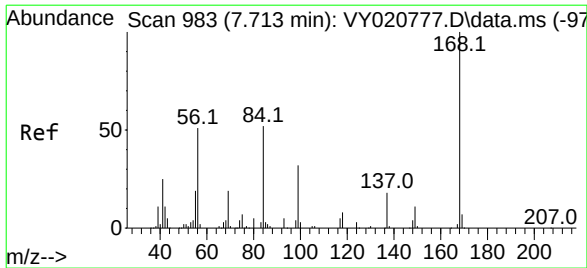
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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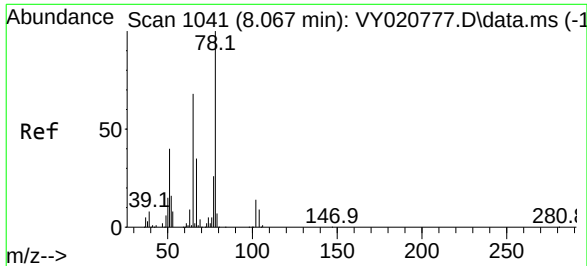
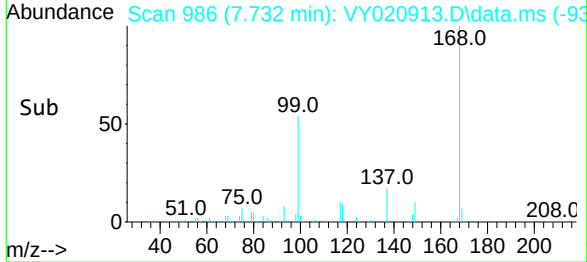
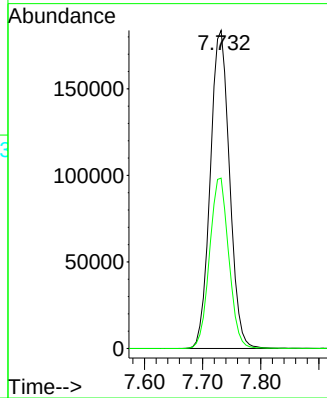
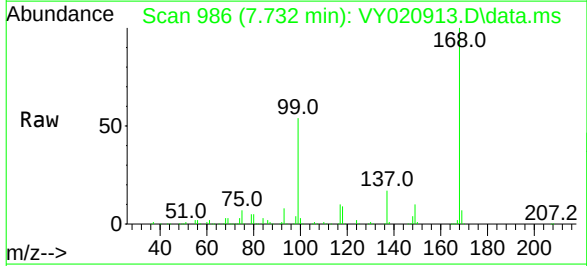




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020913.D
Acq: 23 Jan 2025 16:19

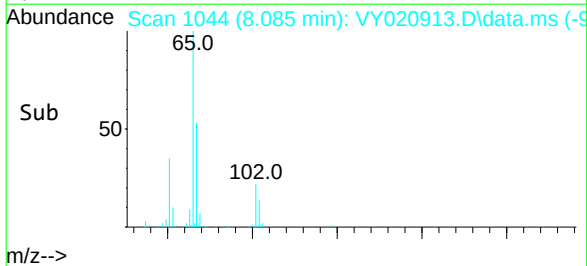
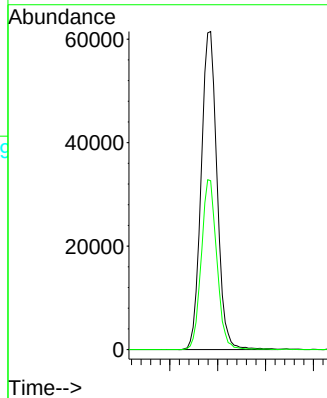
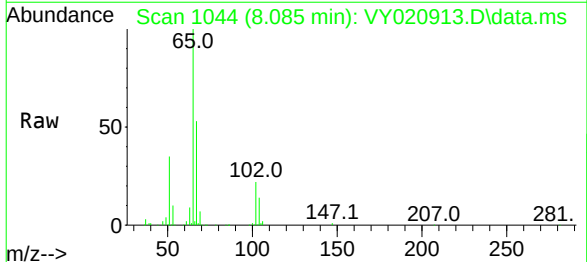
Instrument :
MSVOA_Y
ClientSampleId :
SPILL-SITE

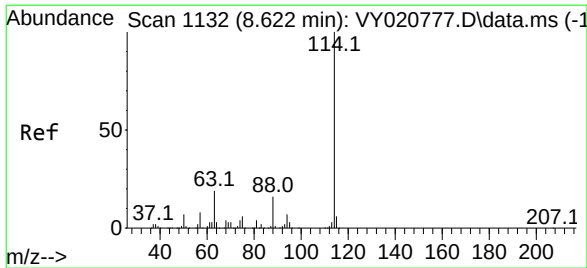
Tgt Ion:168 Resp: 423353
Ion Ratio Lower Upper
168 100
99 53.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 39.386 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020913.D
Acq: 23 Jan 2025 16:19

Tgt Ion: 65 Resp: 141725
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8

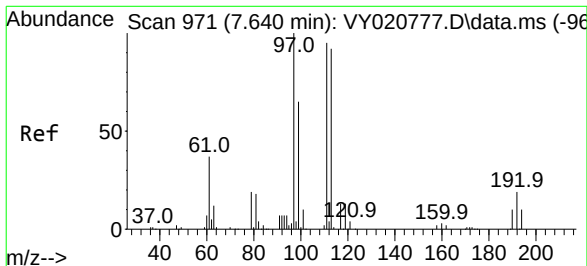
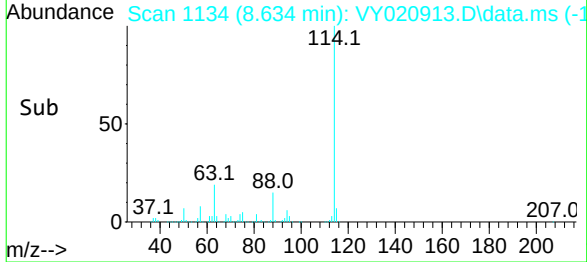
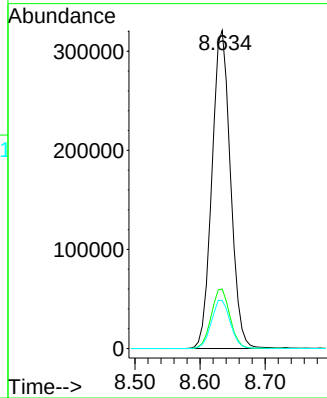
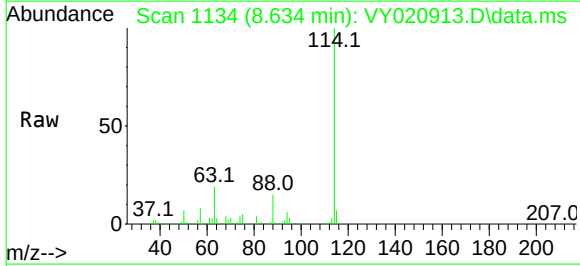




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020913.D
Acq: 23 Jan 2025 16:19

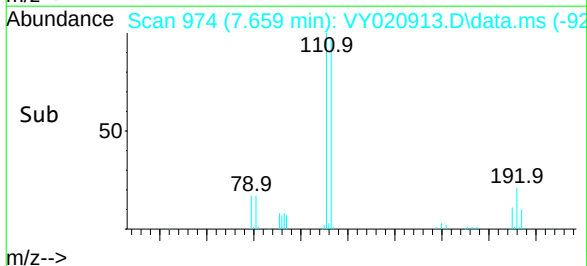
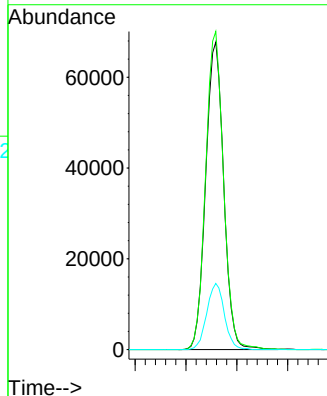
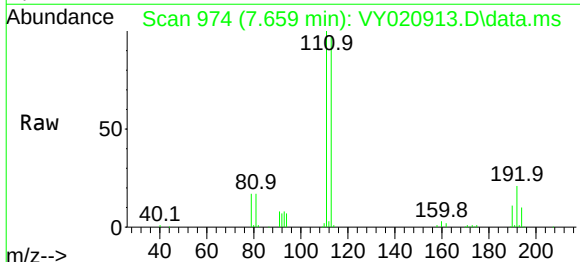
Instrument :
MSVOA_Y
ClientSampleId :
SPILL-SITE

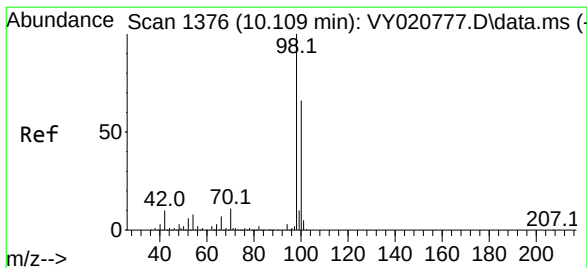
Tgt Ion:114 Resp: 634301
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 41.855 ug/l
RT: 7.659 min Scan# 974
Delta R.T. -0.006 min
Lab File: VY020913.D
Acq: 23 Jan 2025 16:19

Tgt Ion:113 Resp: 166327
Ion Ratio Lower Upper
113 100
111 102.8 81.7 122.5
192 21.1 16.7 25.1





#50

Toluene-d8

Concen: 47.201 ug/l

RT: 10.122 min Scan# 13

Delta R.T. -0.012 min

Lab File: VY020913.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_Y

ClientSampleId :

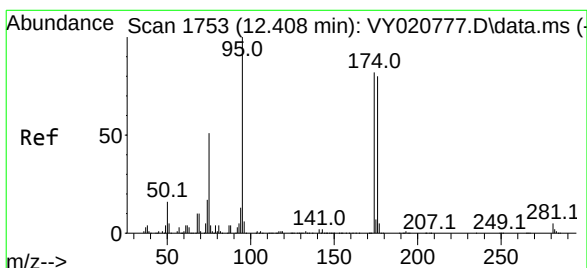
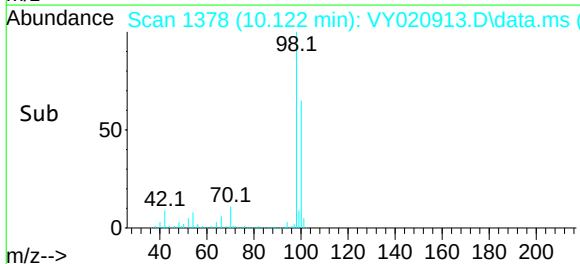
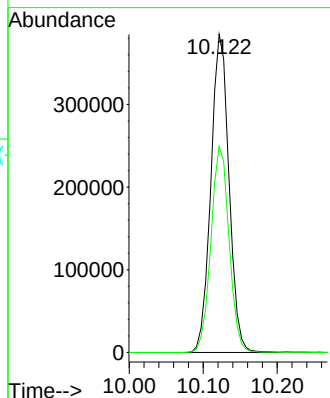
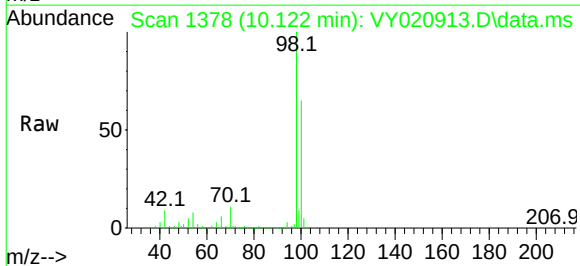
SPILL-SITE

Tgt Ion: 98 Resp: 653873

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 35.569 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020913.D

Acq: 23 Jan 2025 16:19

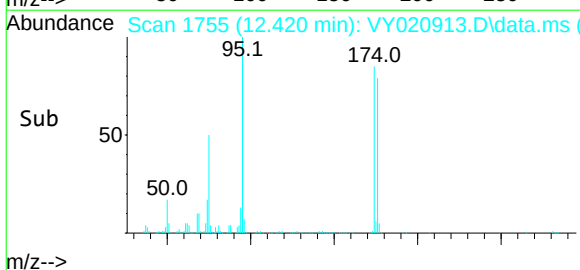
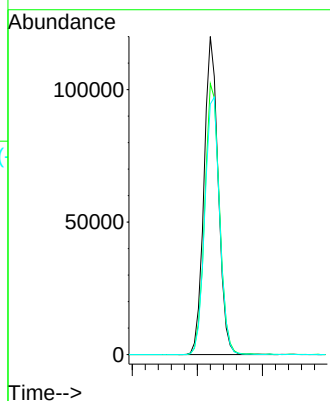
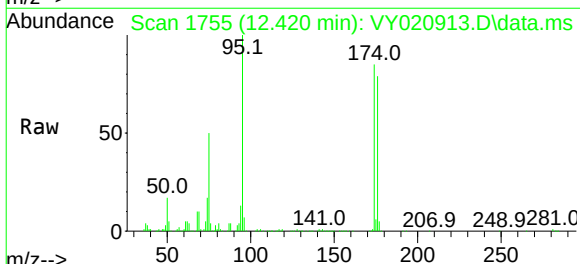
Tgt Ion: 95 Resp: 181960

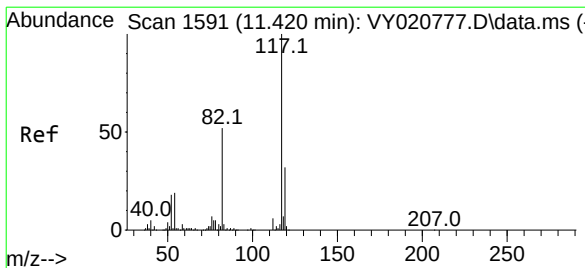
Ion Ratio Lower Upper

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: 11.432 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020913.D

Acq: 23 Jan 2025 16:19

Instrument :

MSVOA_Y

ClientSampleId :

SPILL-SITE

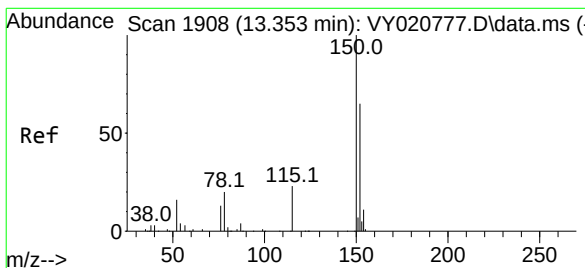
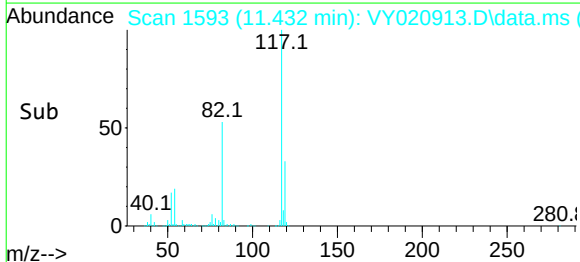
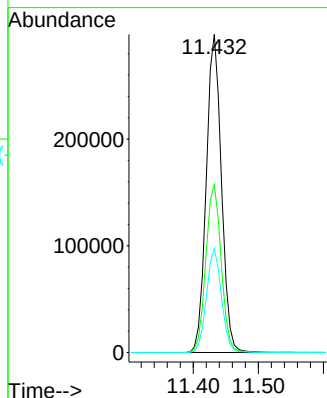
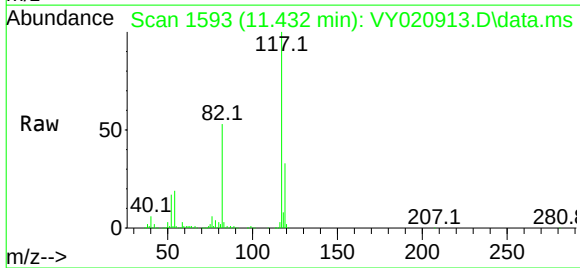
Tgt Ion:117 Resp: 481647

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020913.D

Acq: 23 Jan 2025 16:19

Tgt Ion:152 Resp: 194974

Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 156.4 0.0 347.4

