

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020966.D
 Acq On : 29 Jan 2025 14:10
 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 30 00:35:47 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	186596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	323238	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	284995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	111934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	96054	64.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.120%	
35) Dibromofluoromethane	7.634	113	104908	56.534	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.060%	
50) Toluene-d8	10.109	98	379743	52.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.408	95	115723	48.309	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.620%	

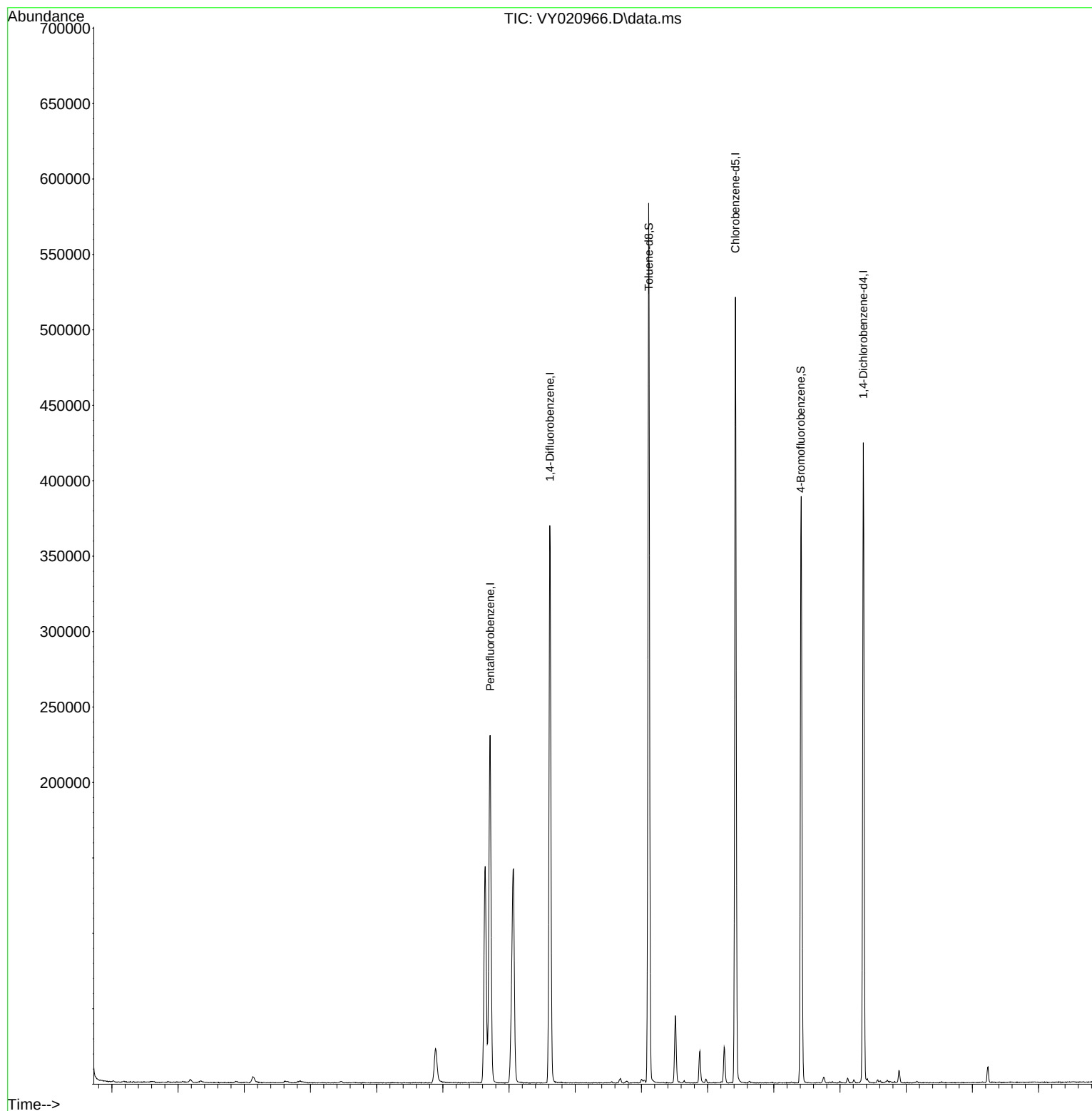
Target Compounds Qvalue

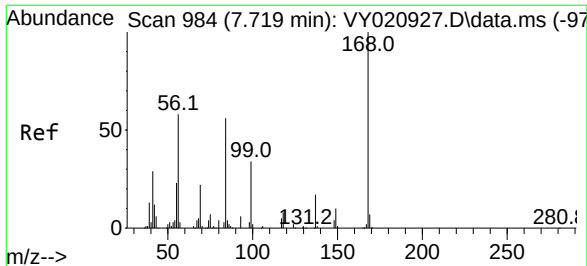
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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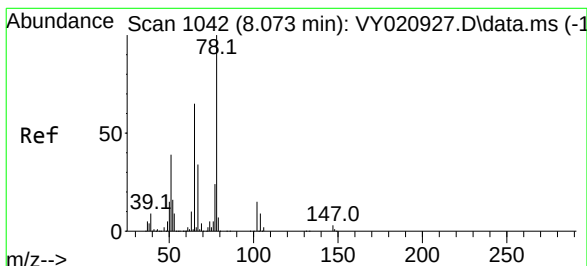
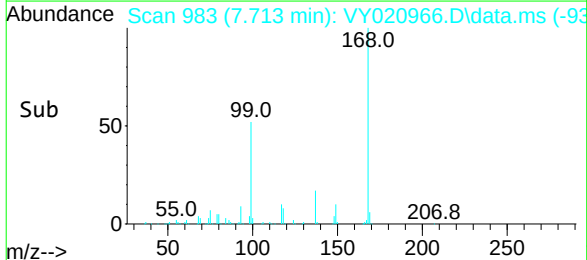
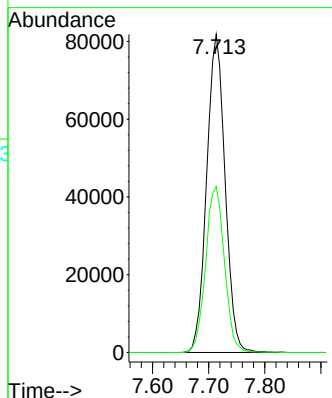
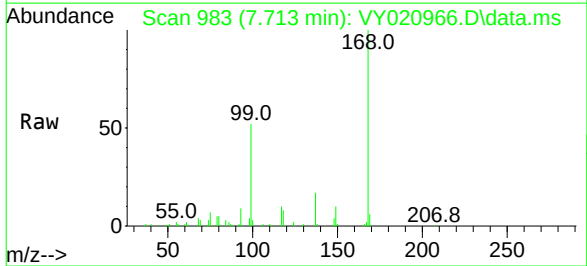




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

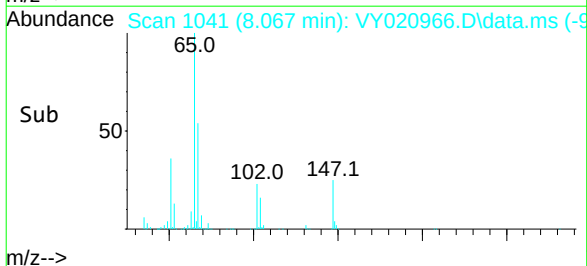
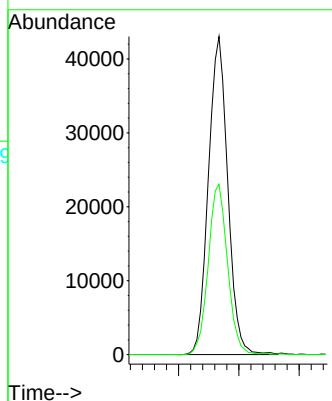
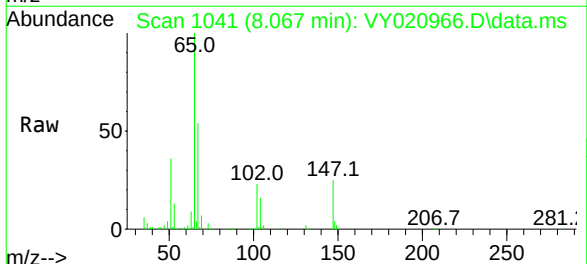
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

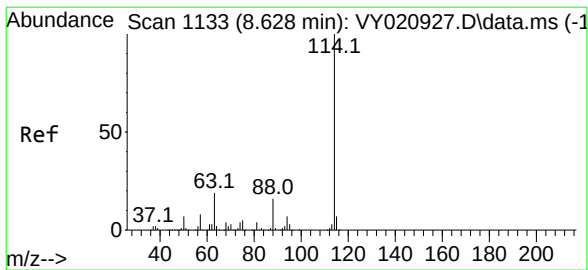
Tgt Ion:168 Resp: 186596
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 64.564 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Tgt Ion: 65 Resp: 96054
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

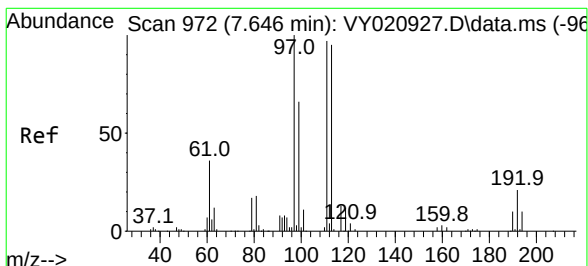
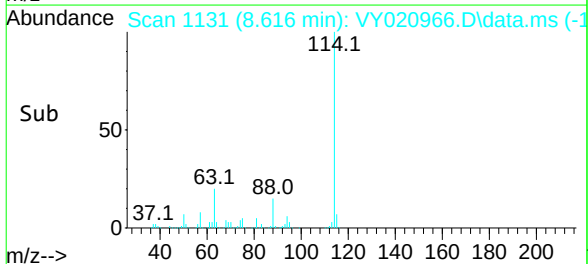
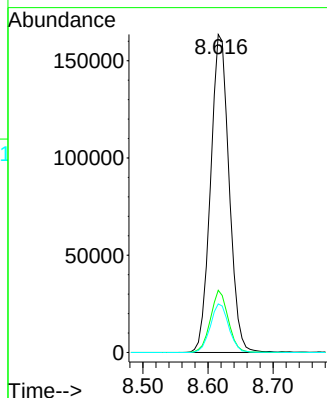
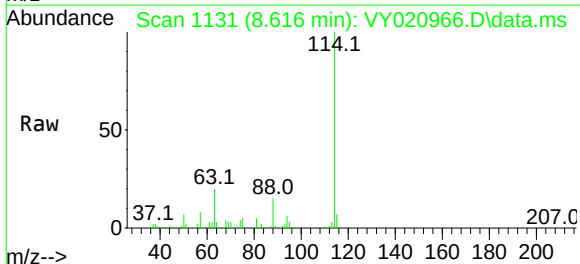
Tgt Ion:114 Resp: 323238

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 56.534 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

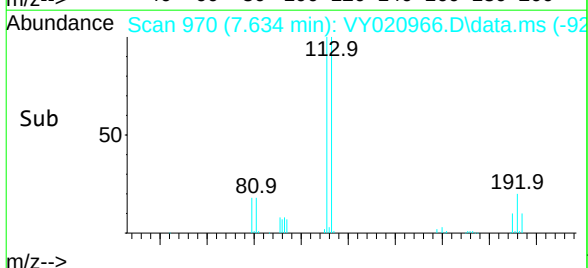
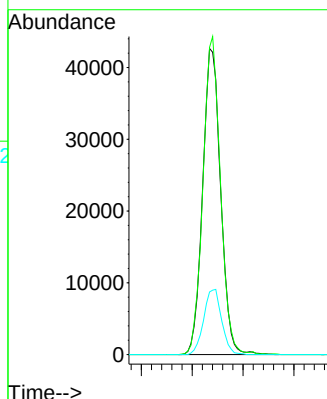
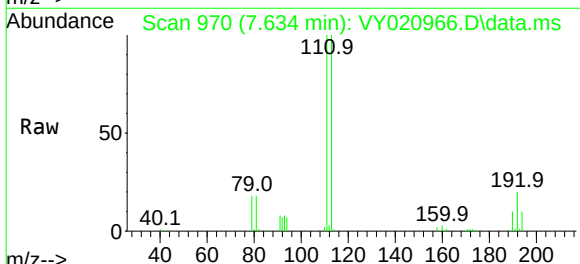
Tgt Ion:113 Resp: 104908

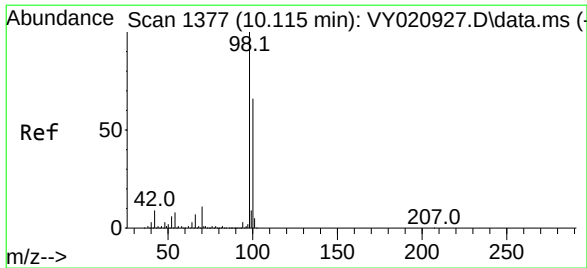
Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

192 21.2 17.4 26.2





#50

Toluene-d8

Concen: 52.759 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

Instrument :

MSVOA_Y

ClientSampleId :

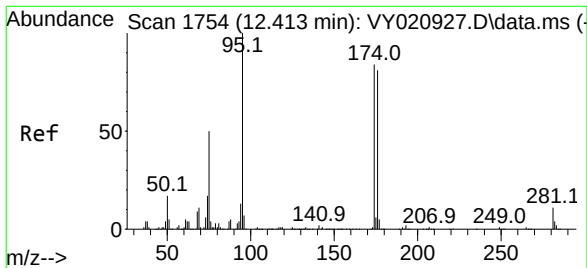
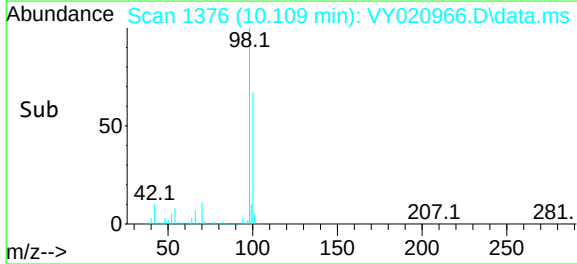
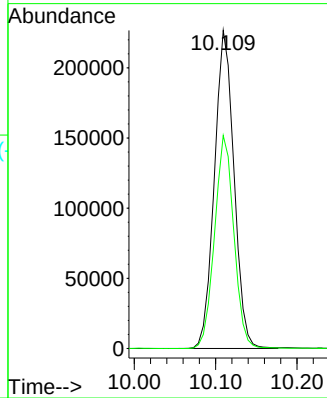
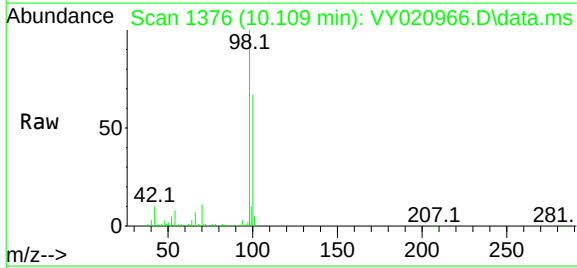
VIBLK

Tgt Ion: 98 Resp: 379743

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 48.309 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

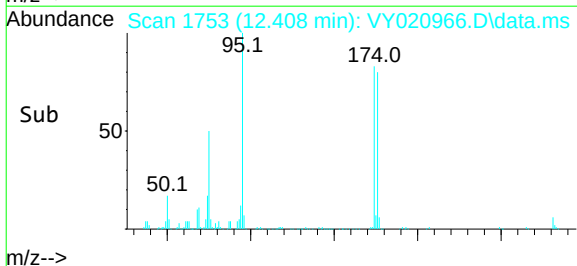
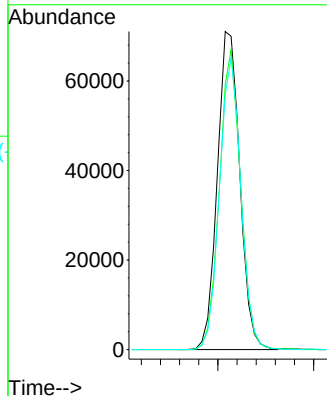
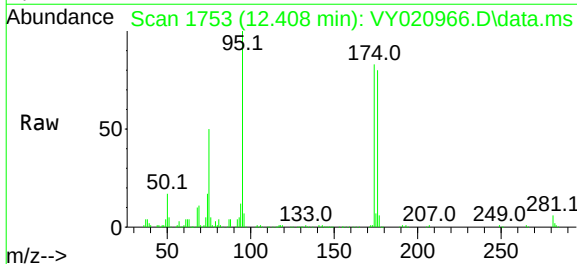
Tgt Ion: 95 Resp: 115723

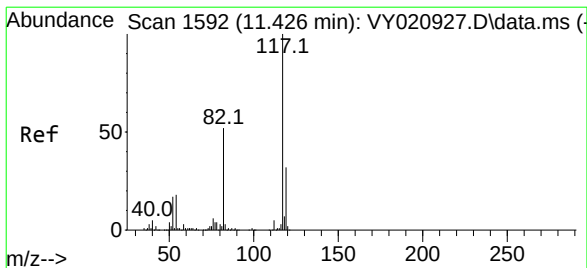
Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.4

176 87.6 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: VY020966.D

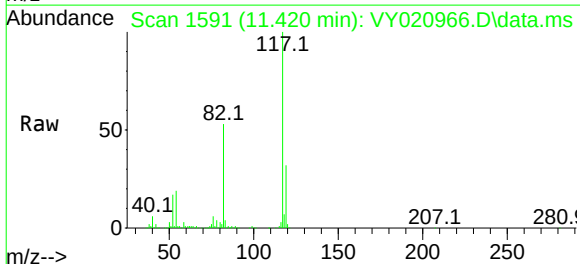
Acq: 29 Jan 2025 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



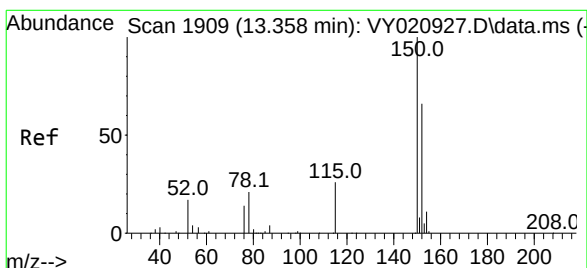
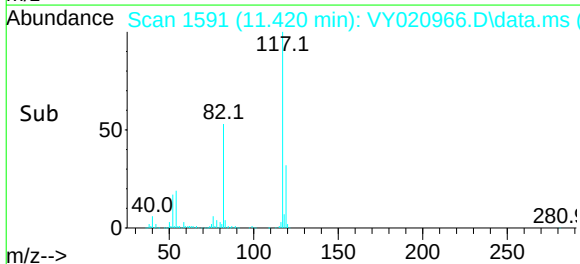
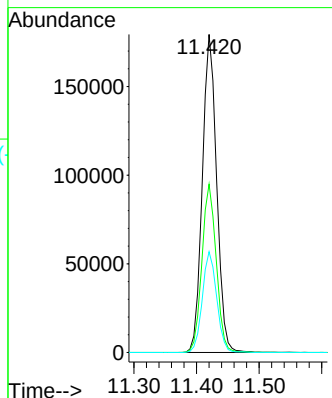
Tgt Ion:117 Resp: 284995

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

119 31.7 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: VY020966.D

Acq: 29 Jan 2025 14:10

Tgt Ion:152 Resp: 111934

Ion Ratio Lower Upper

152 100

115 56.2 29.0 87.0

150 158.7 0.0 347.6

