

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021742.D
 Acq On : 01 Apr 2025 15:28
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 02 03:24:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	249847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	464827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	423583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140528	51.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.820%
35) Dibromofluoromethane	7.634	113	155285	51.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.109	98	568478	49.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.408	95	175707	45.285	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.580%

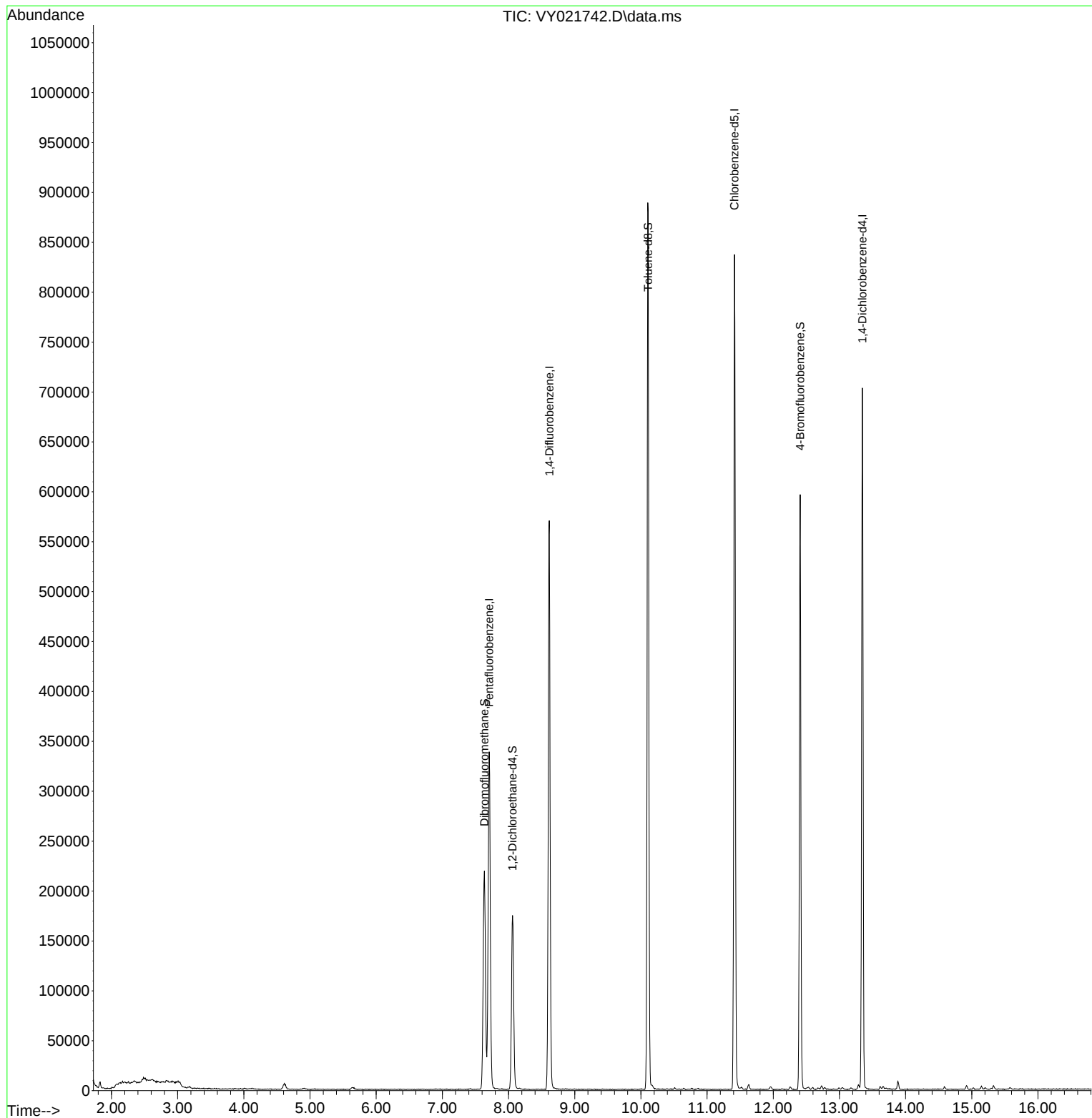
Target Compounds	Qvalue

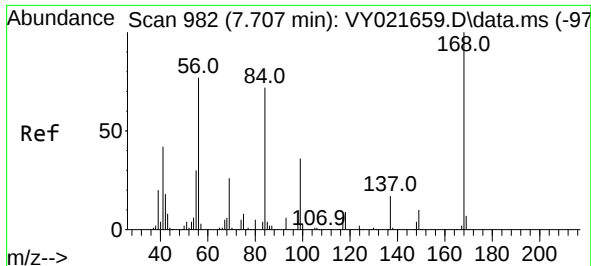
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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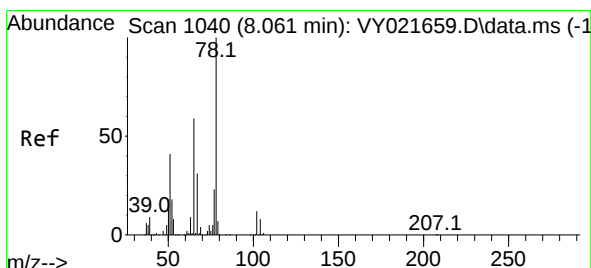
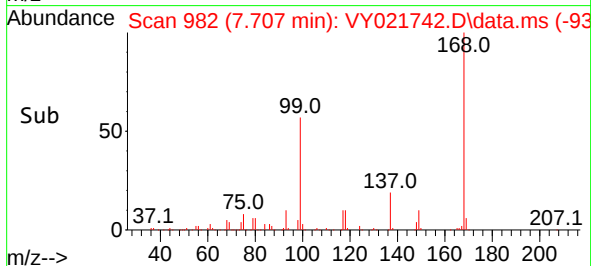
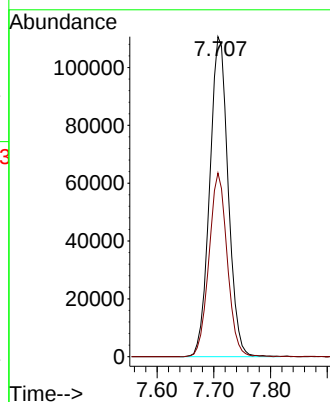
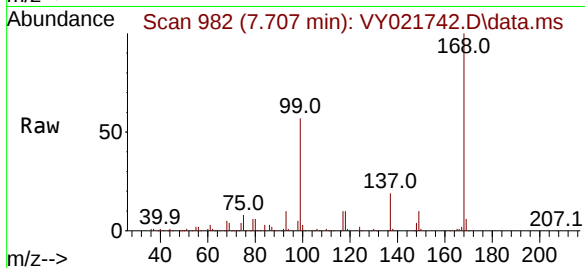




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

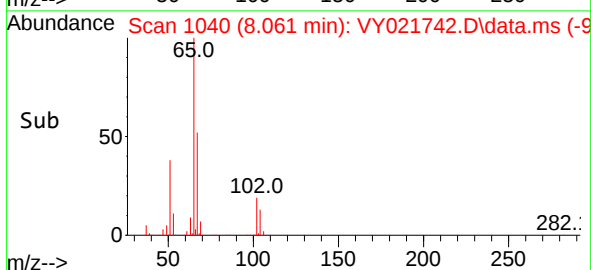
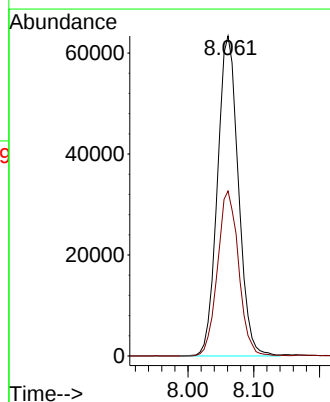
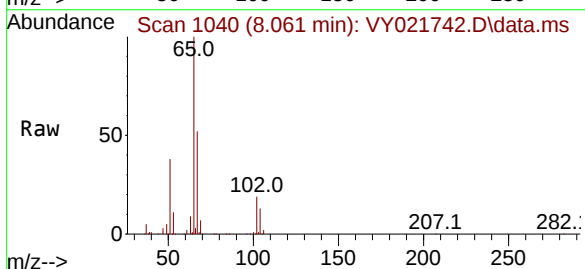
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

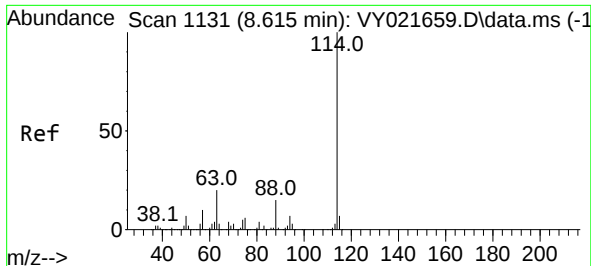
Tgt Ion:168 Resp: 249847
Ion Ratio Lower Upper
168 100
99 57.4 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 51.912 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021742.D
Acq: 01 Apr 2025 15:28

Tgt Ion: 65 Resp: 140528
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

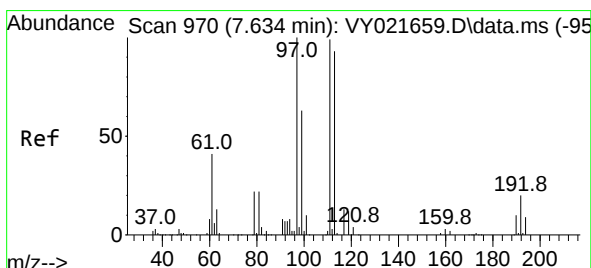
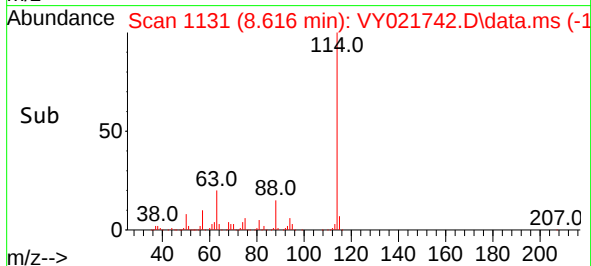
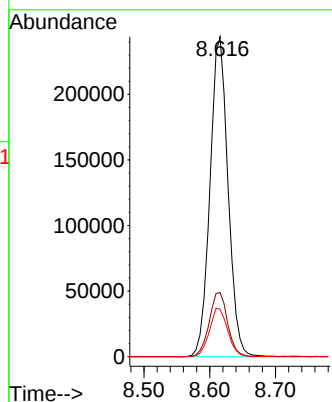
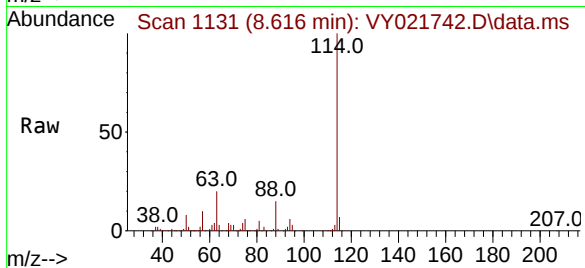
Tgt Ion:114 Resp: 464827

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

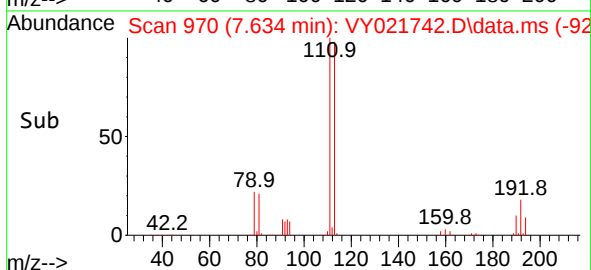
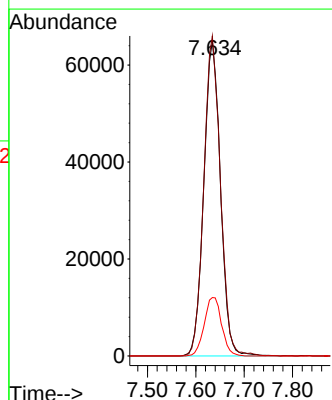
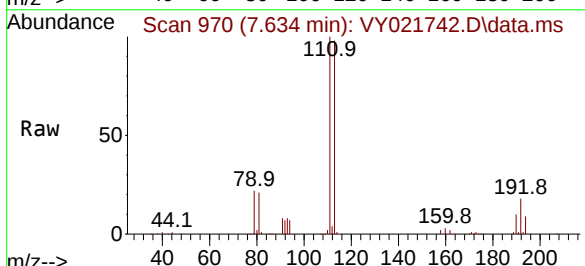
Tgt Ion:113 Resp: 155285

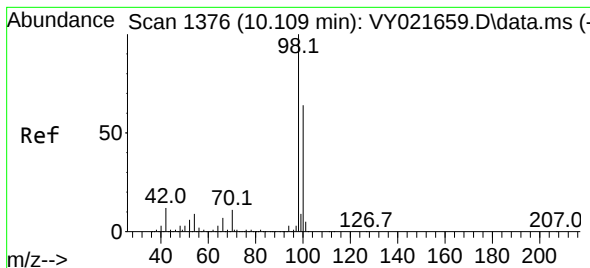
Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

192 19.4 16.2 24.4





#50

Toluene-d8

Concen: 49.558 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

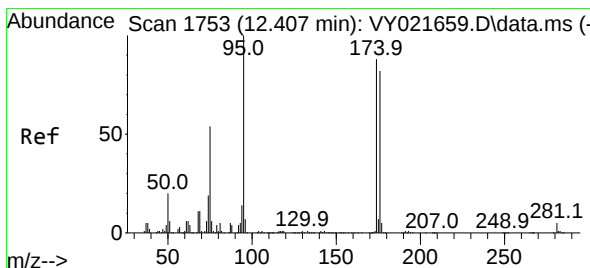
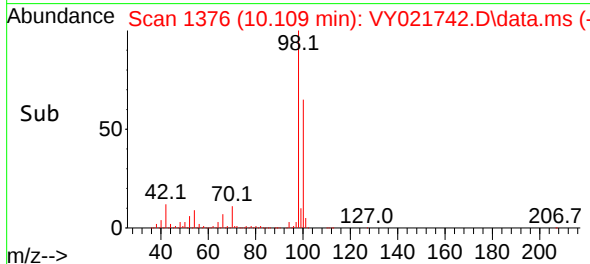
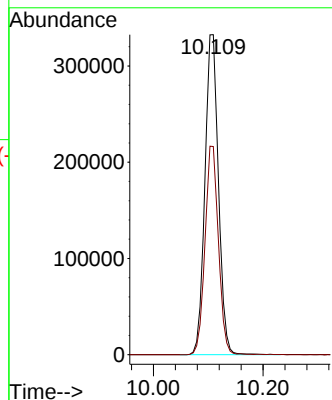
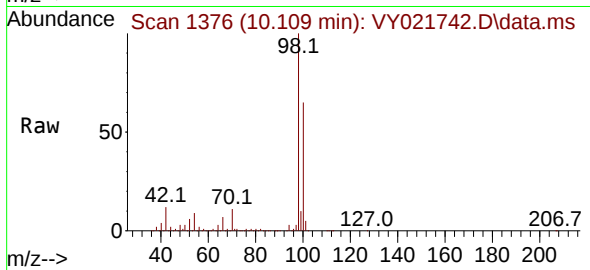
IBLK

Tgt Ion: 98 Resp: 568478

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.285 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

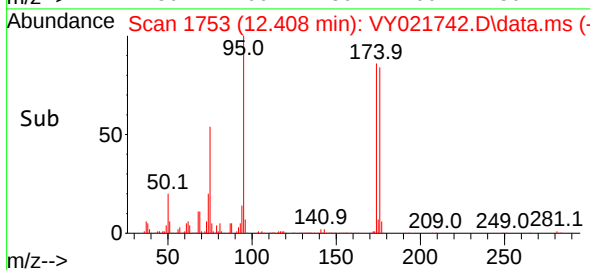
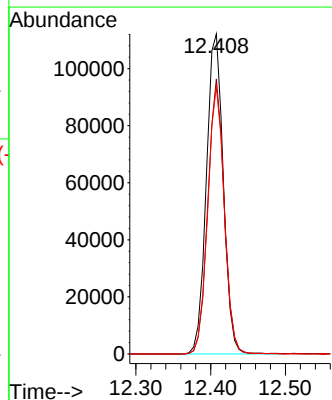
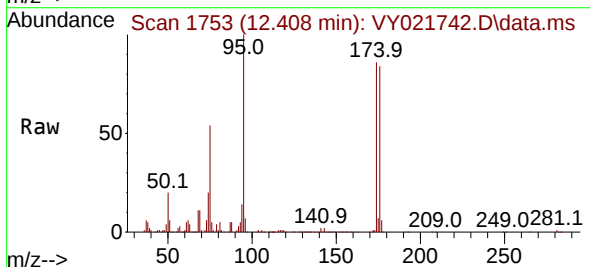
Tgt Ion: 95 Resp: 175707

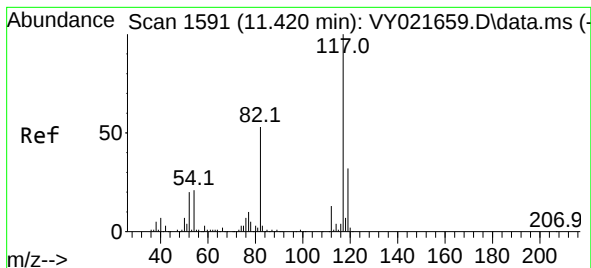
Ion Ratio Lower Upper

95 100

174 83.2 0.0 170.8

176 81.9 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

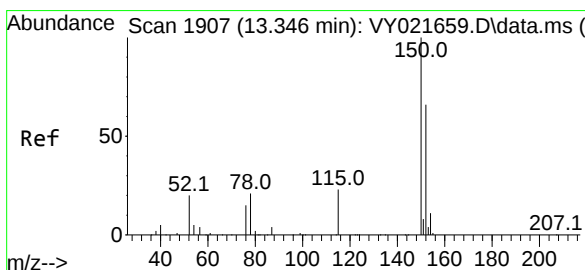
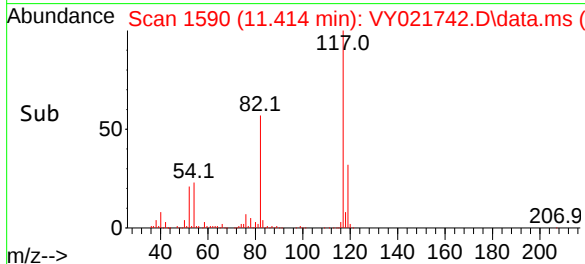
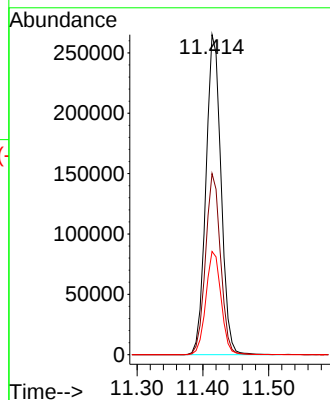
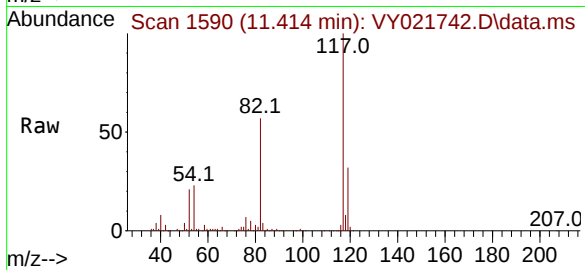
Tgt Ion:117 Resp: 423583

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021742.D

Acq: 01 Apr 2025 15:28

Tgt Ion:152 Resp: 171986

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.2 0.0 348.4

