

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021069.D
 Acq On : 04 Feb 2025 19:20
 Operator : SY/MD
 Sample : Q1271-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200030

Quant Time: Feb 05 00:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	157210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	294768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	279226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96830	60.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.240%
35) Dibromofluoromethane	7.634	113	98025	51.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.109	98	365766	50.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.720%
62) 4-Bromofluorobenzene	12.408	95	118774	50.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.100%

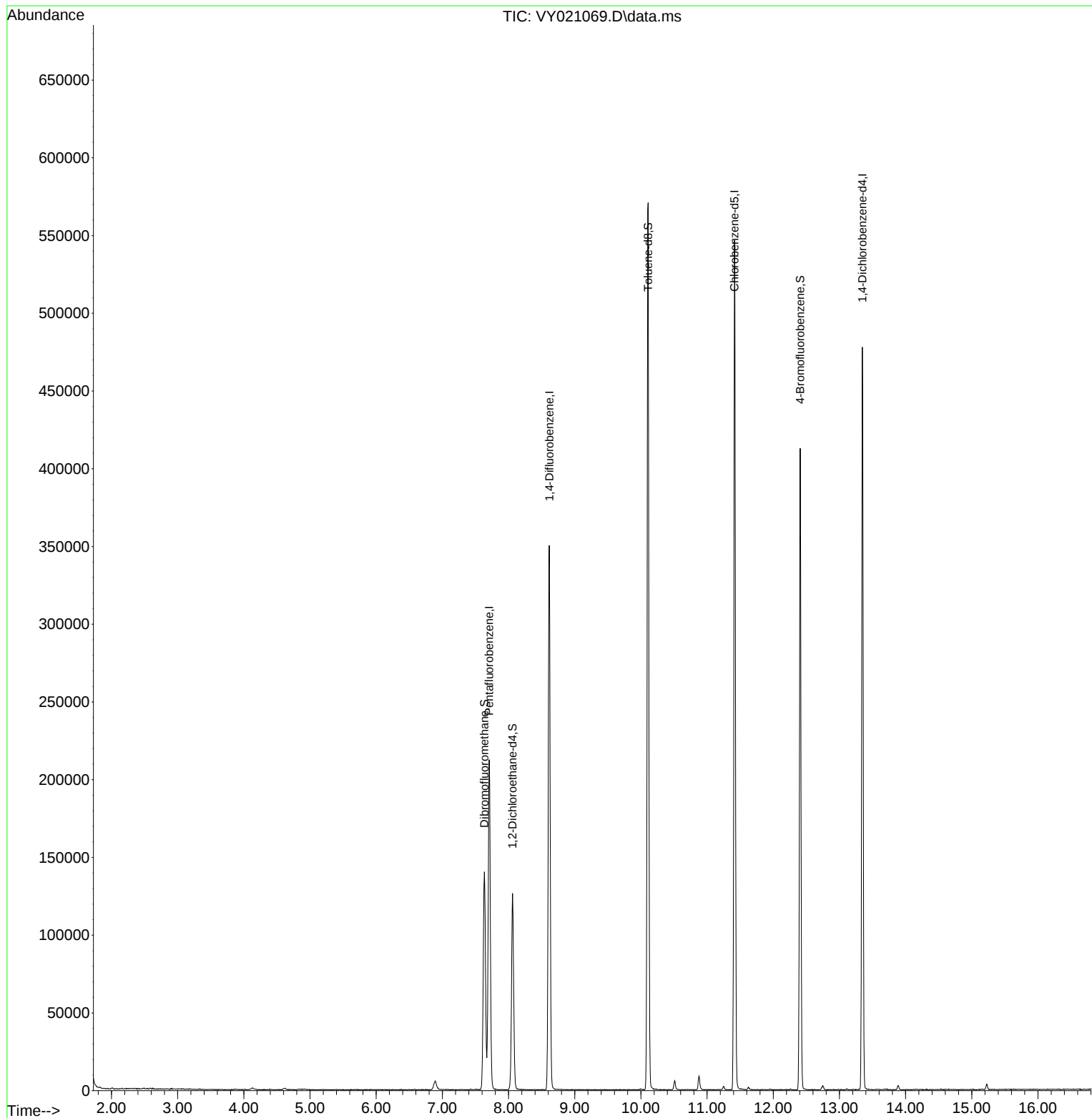
Target Compounds	Qvalue

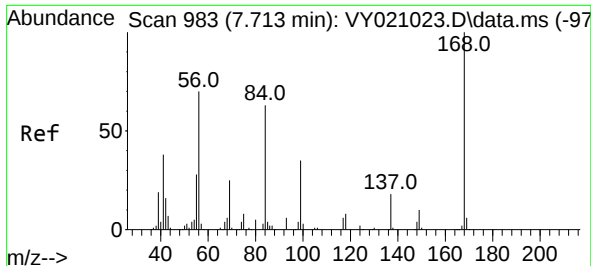
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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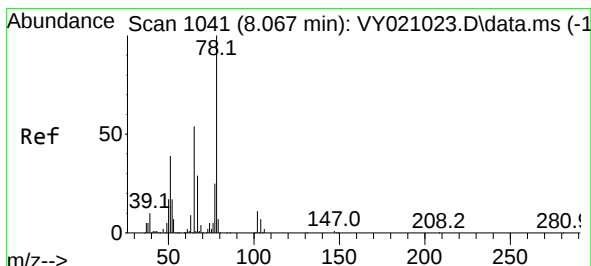
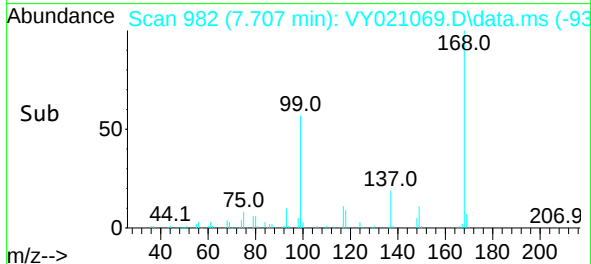
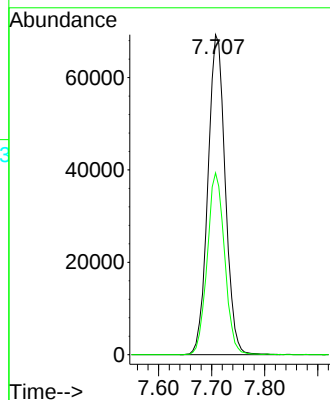
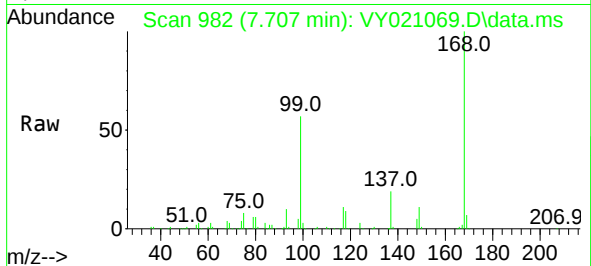




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

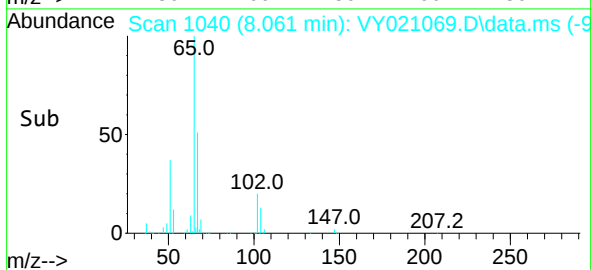
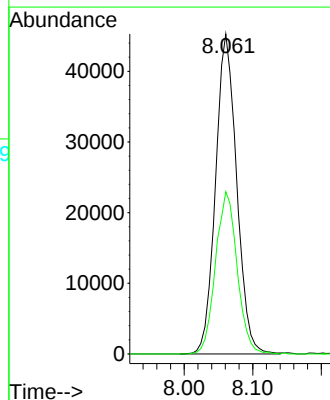
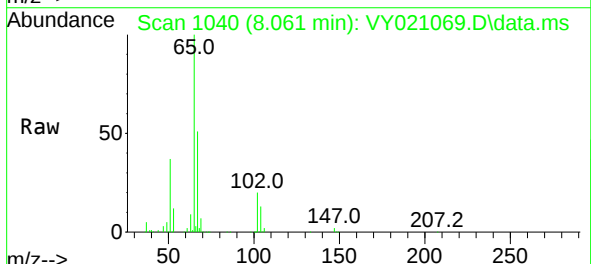
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

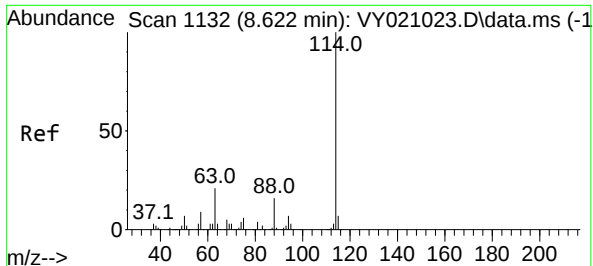
Tgt Ion:168 Resp: 157210
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.115 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Tgt Ion: 65 Resp: 96830
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

RBR200030

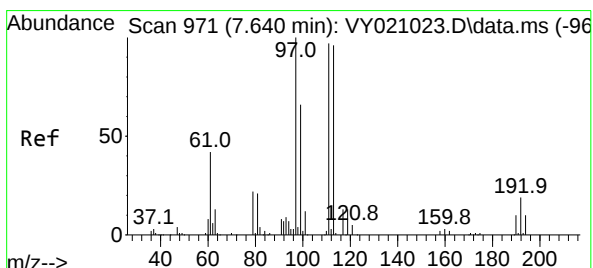
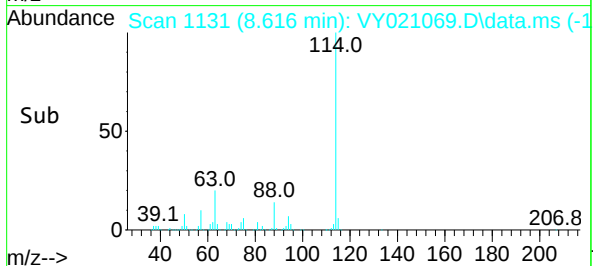
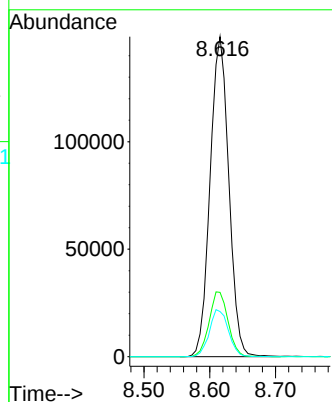
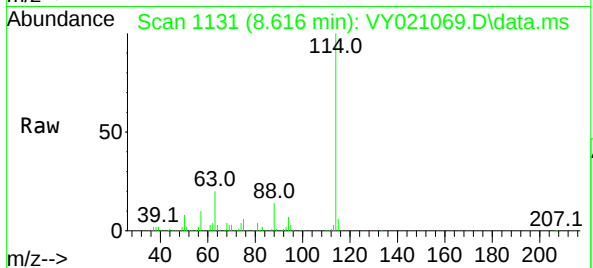
Tgt Ion:114 Resp: 294768

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.891 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

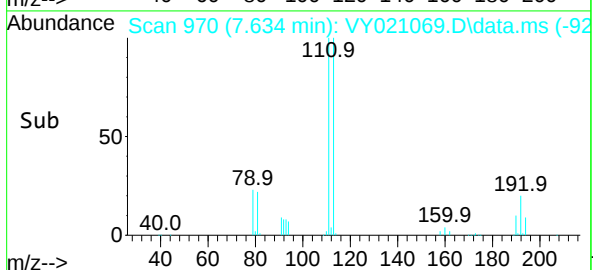
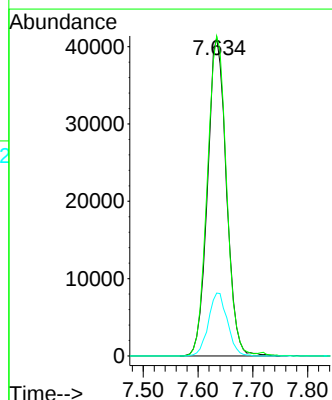
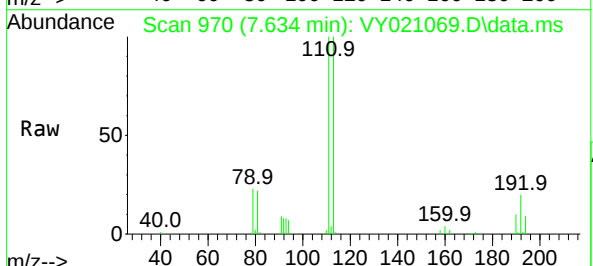
Tgt Ion:113 Resp: 98025

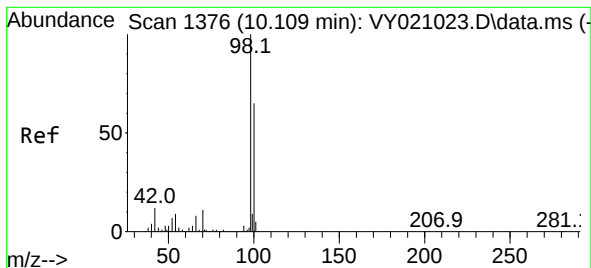
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 19.9 14.5 21.7

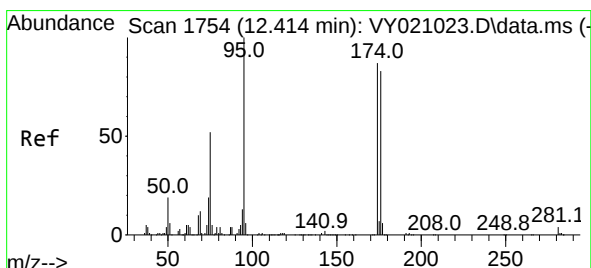
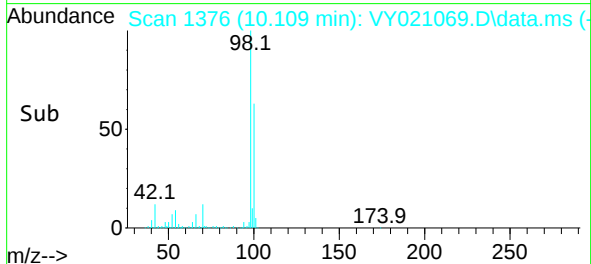
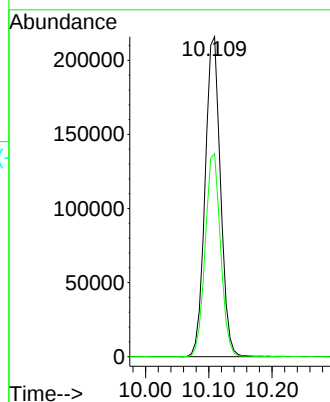
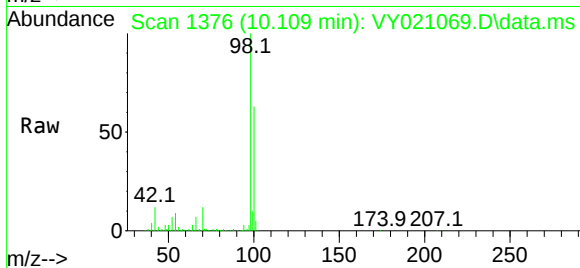




#50
Toluene-d8
Concen: 50.859 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

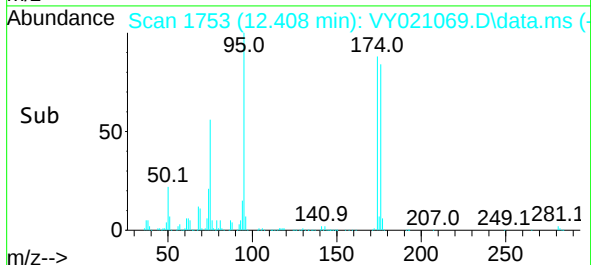
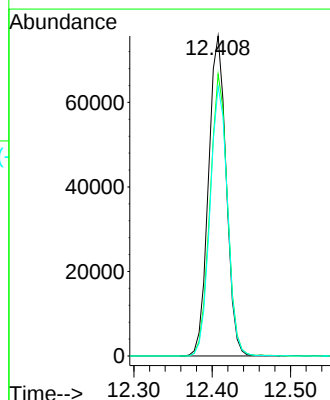
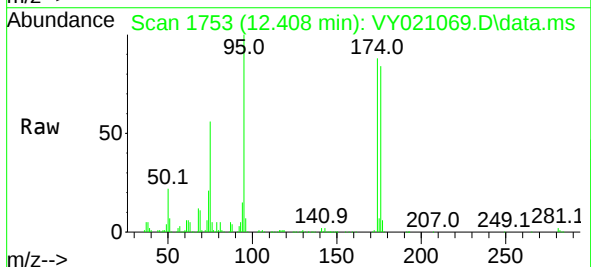
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

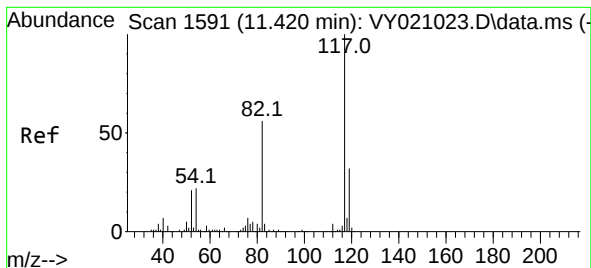
Tgt Ion: 98 Resp: 365766
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.552 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021069.D
Acq: 04 Feb 2025 19:20

Tgt Ion: 95 Resp: 118774
Ion Ratio Lower Upper
95 100
174 86.7 0.0 160.0
176 83.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

RBR200030

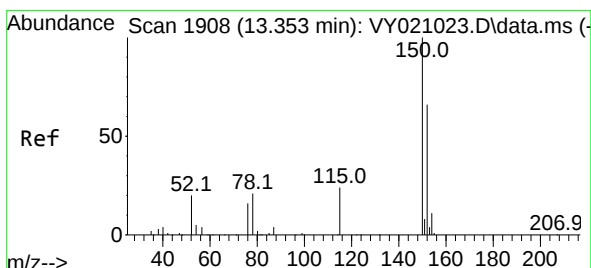
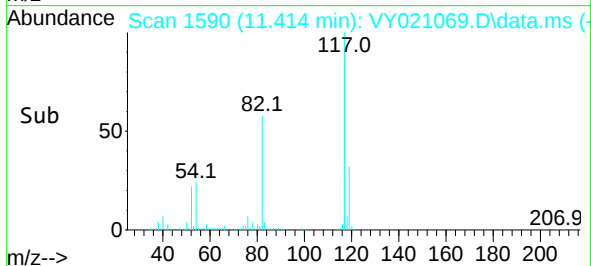
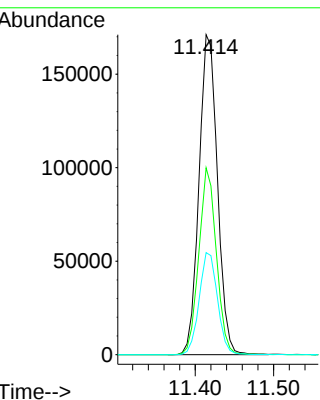
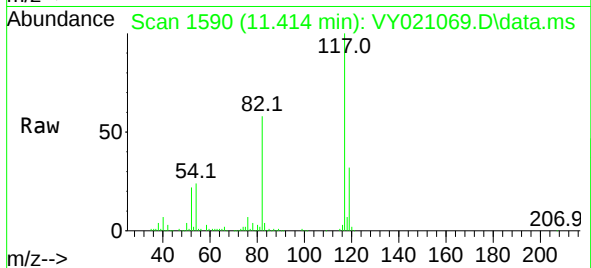
Tgt Ion:117 Resp: 279226

Ion Ratio Lower Upper

117 100

82 58.4 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021069.D

Acq: 04 Feb 2025 19:20

Tgt Ion:152 Resp: 115755

Ion Ratio Lower Upper

152 100

115 57.5 30.0 90.0

150 155.9 0.0 344.6

