

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021721.D
 Acq On : 31 Mar 2025 15:48
 Operator : SY/MD
 Sample : Q1675-07
 Misc : 2.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T1

Quant Time: Apr 01 05:38:21 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	241201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	454127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	421197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141630	54.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.380%	
35) Dibromofluoromethane	7.634	113	149815	50.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.103	98	561423	50.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.408	95	190188	50.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.340%	

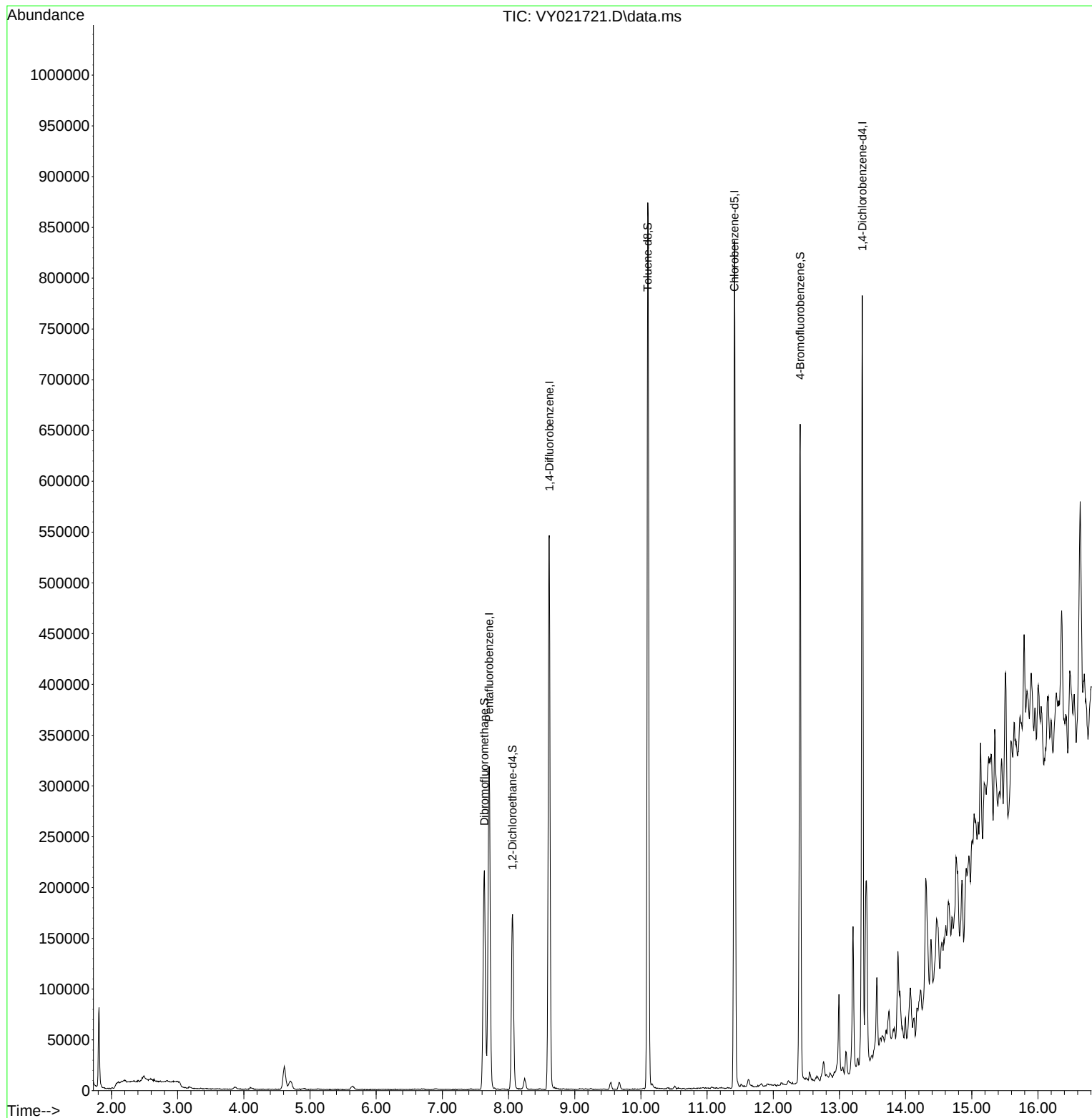
Target Compounds	Qvalue

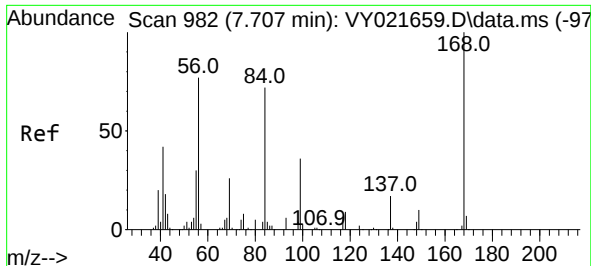
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021721.D
Acq On : 31 Mar 2025 15:48
Operator : SY/MD
Sample : Q1675-07
Misc : 2.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Quant Time: Apr 01 05:38:21 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

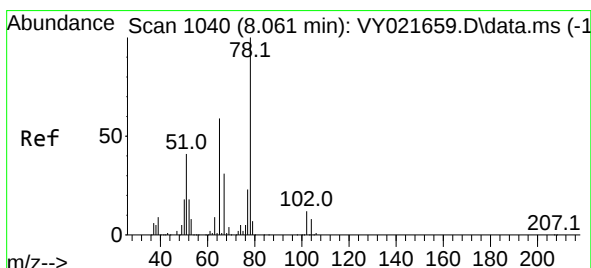
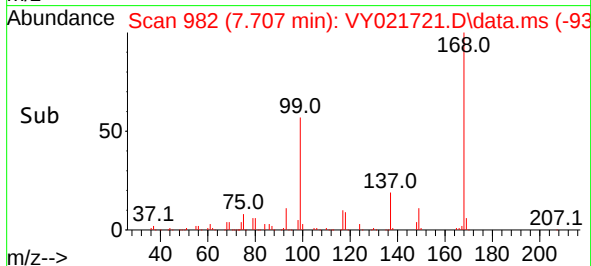
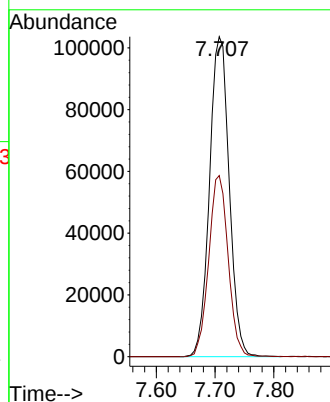
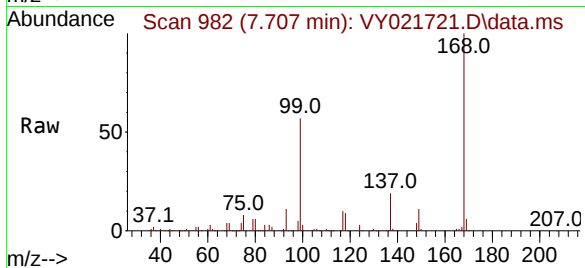




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021721.D
Acq: 31 Mar 2025 15:48

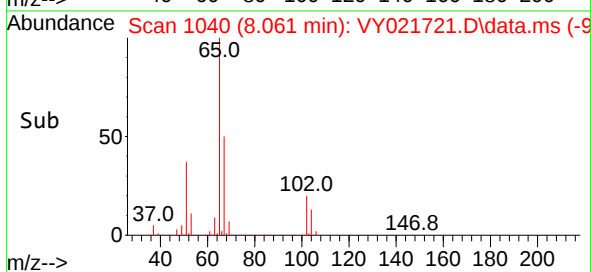
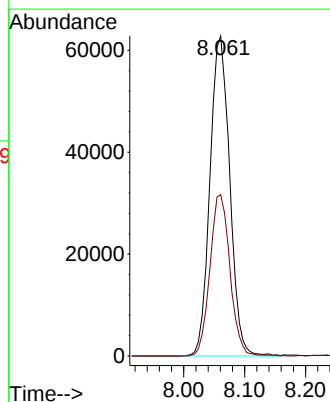
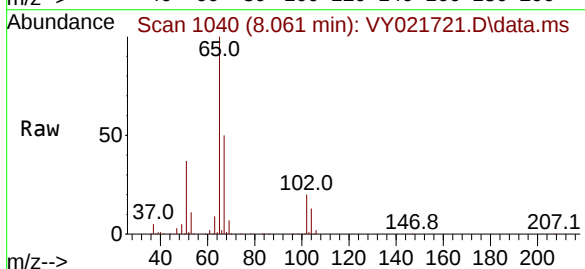
Instrument :
MSVOA_Y
ClientSampleId :
T1

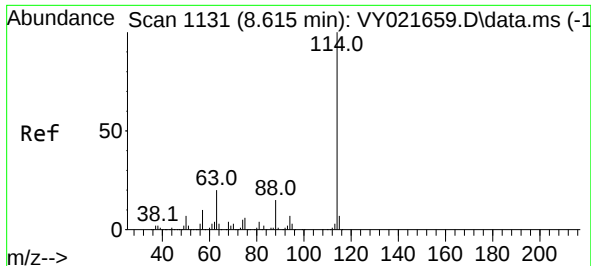
Tgt Ion:168 Resp: 241201
Ion Ratio Lower Upper
168 100
99 56.6 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021721.D
Acq: 31 Mar 2025 15:48

Tgt Ion: 65 Resp: 141630
Ion Ratio Lower Upper
65 100
67 51.0 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: VY021721.D

Acq: 31 Mar 2025 15:48

Instrument :

MSVOA_Y

ClientSampleId :

T1

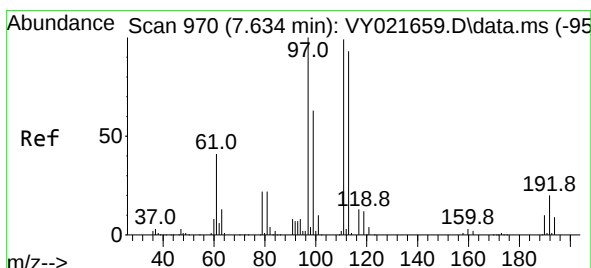
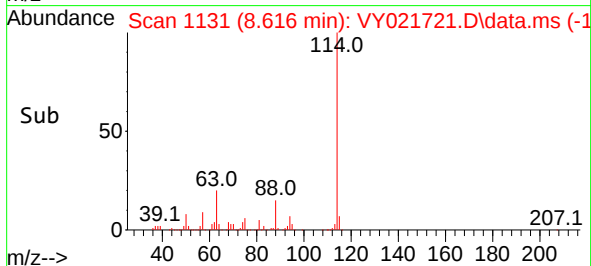
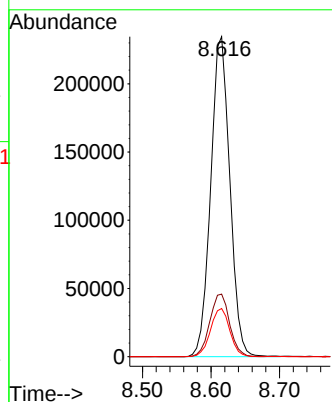
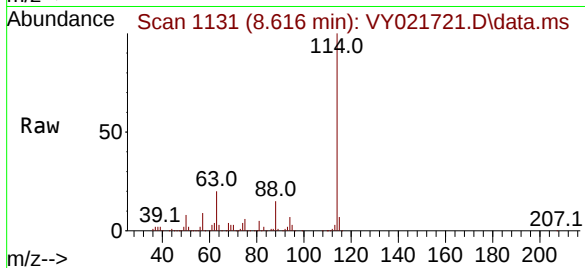
Tgt Ion:114 Resp: 454127

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 50.856 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021721.D

Acq: 31 Mar 2025 15:48

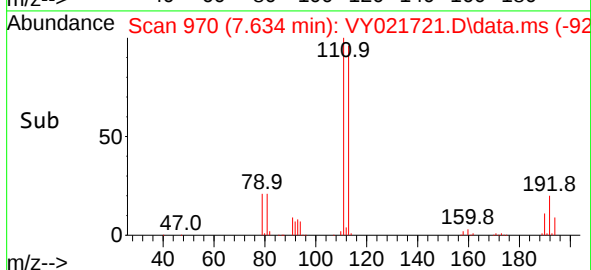
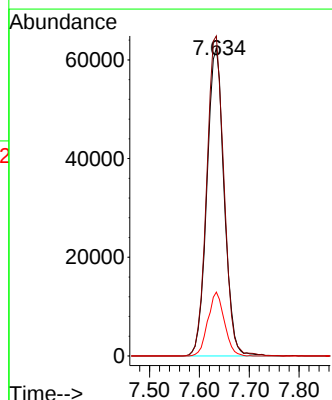
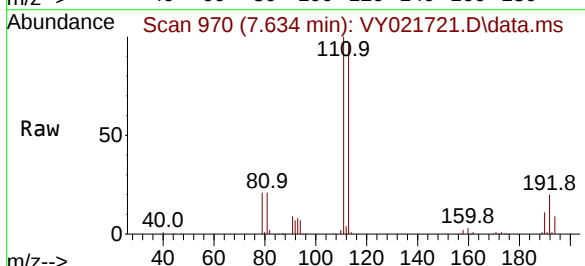
Tgt Ion:113 Resp: 149815

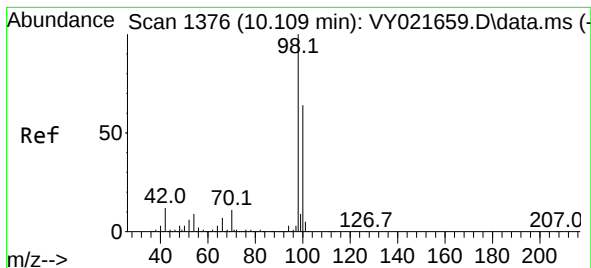
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 19.8 16.2 24.4





#50

Toluene-d8

Concen: 50.096 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021721.D

Acq: 31 Mar 2025 15:48

Instrument :

MSVOA_Y

ClientSampleId :

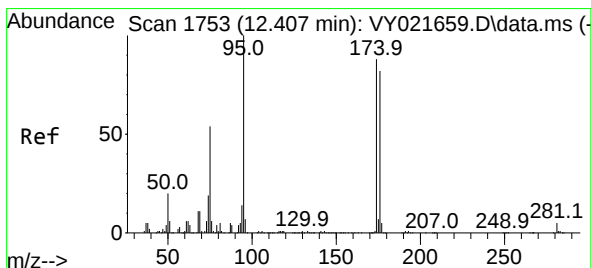
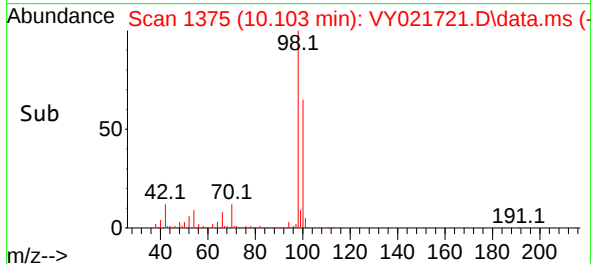
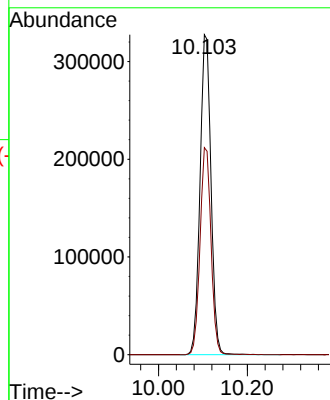
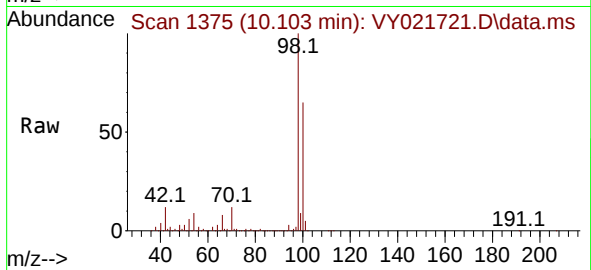
T1

Tgt Ion: 98 Resp: 561423

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 50.172 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021721.D

Acq: 31 Mar 2025 15:48

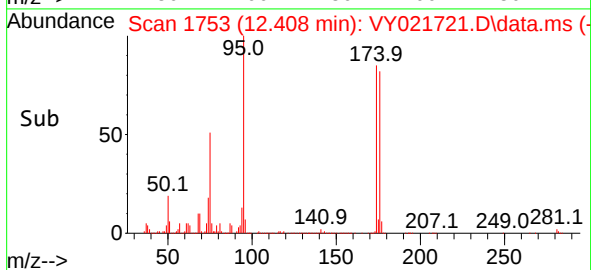
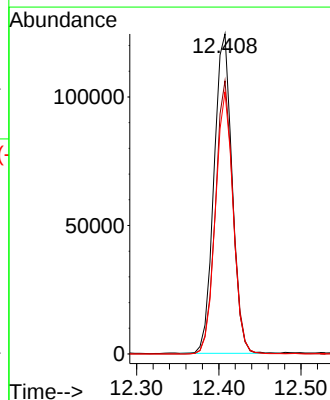
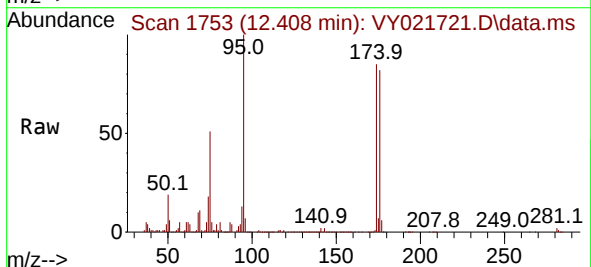
Tgt Ion: 95 Resp: 190188

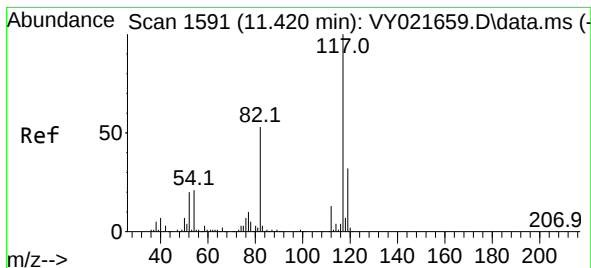
Ion Ratio Lower Upper

95 100

174 83.7 0.0 170.8

176 80.3 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: VY021721.D

Acq: 31 Mar 2025 15:48

Instrument :

MSVOA_Y

ClientSampleId :

T1

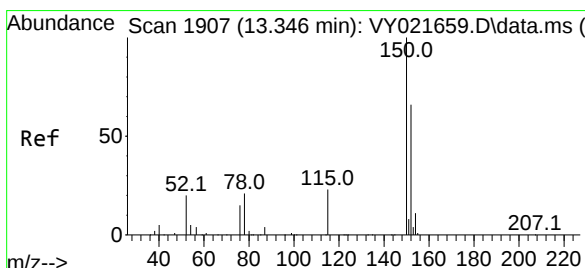
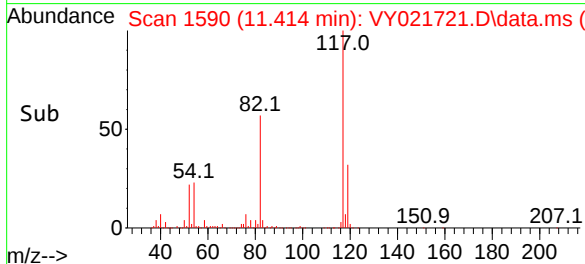
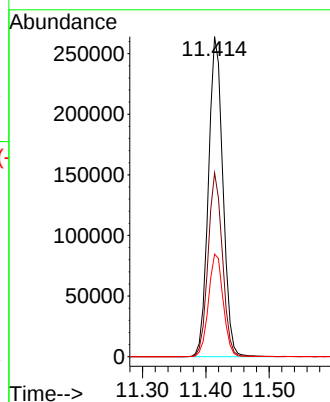
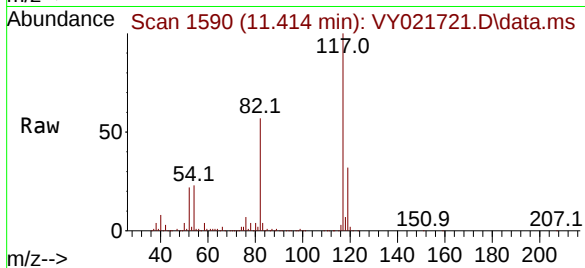
Tgt Ion:117 Resp: 421197

Ion Ratio Lower Upper

117 100

82 57.4 42.8 64.2

119 32.0 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: VY021721.D

Acq: 31 Mar 2025 15:48

Tgt Ion:152 Resp: 185708

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 157.5 0.0 348.4

