

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022834.D
 Acq On : 25 Jun 2025 18:50
 Operator : SY/MD
 Sample : Q2423-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT915

Quant Time: Jun 26 01:30:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

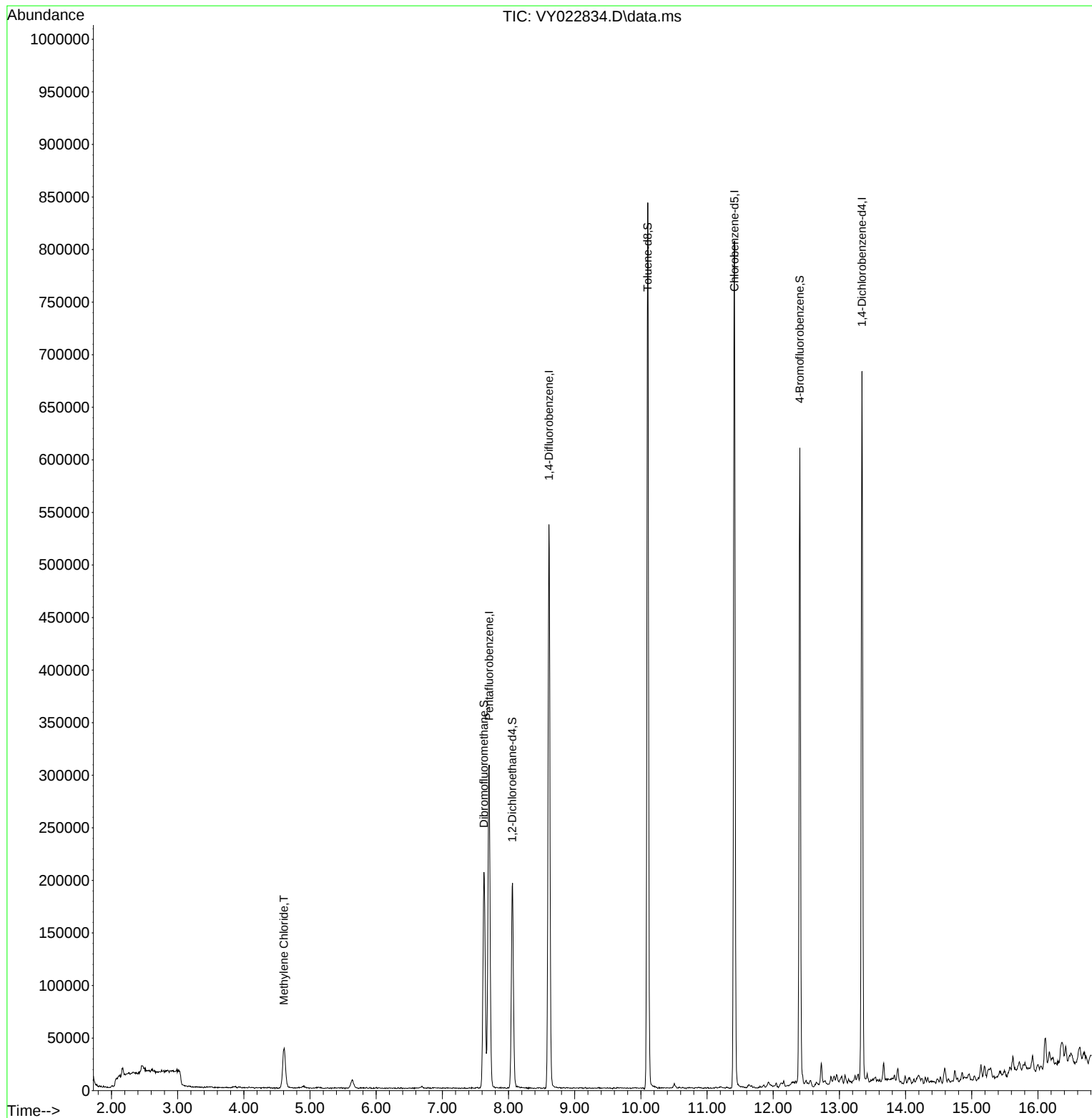
Internal Standards						
1) Pentafluorobenzene	7.707	168	235402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	449512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	160160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	151081	57.504	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.000%
35) Dibromofluoromethane	7.628	113	146238	53.494	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.103	98	538669	49.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.401	95	172589	49.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.980%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.604	84	28453	9.073	ug/l	87

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022834.D
Acq On : 25 Jun 2025 18:50
Operator : SY/MD
Sample : Q2423-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT915

Quant Time: Jun 26 01:30:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

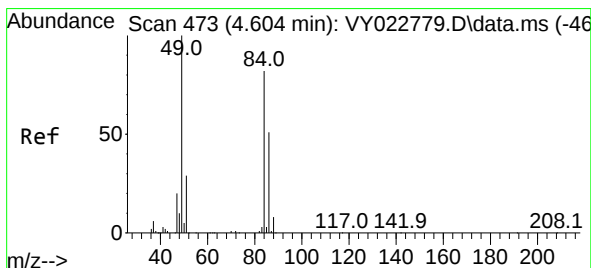
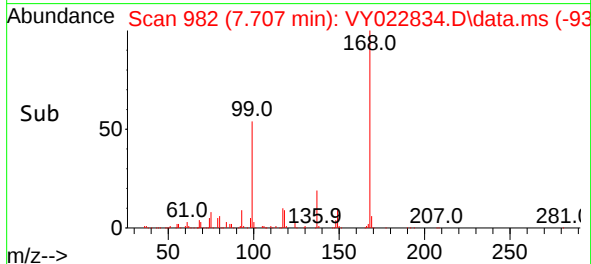
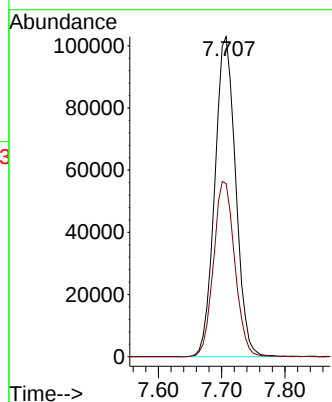
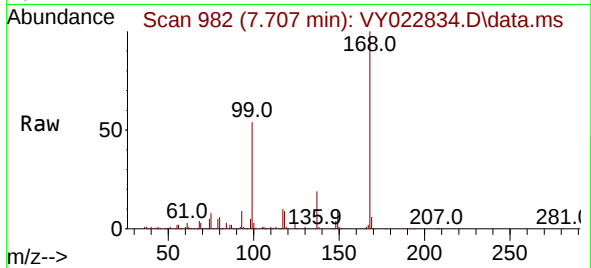




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022834.D
Acq: 25 Jun 2025 18:50

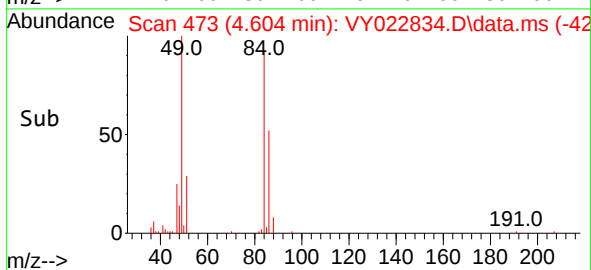
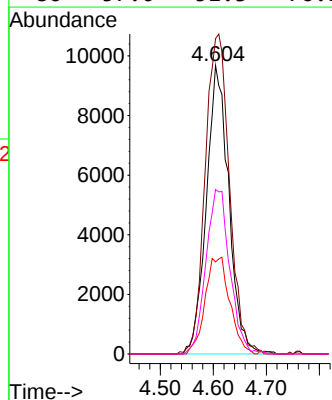
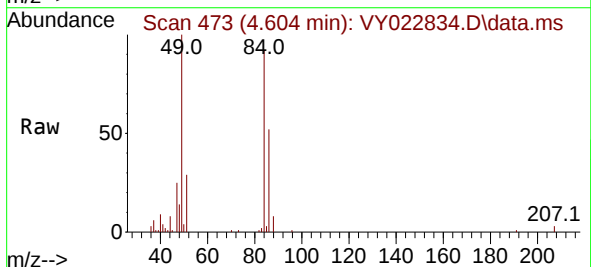
Instrument :
MSVOA_Y
ClientSampleId :
RT915

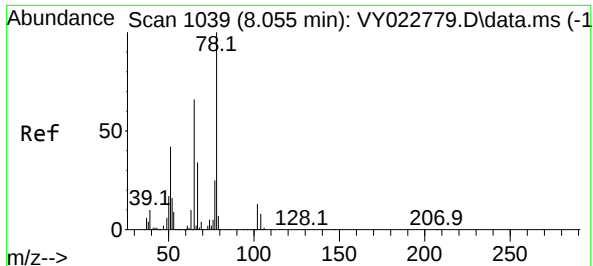
Tgt Ion:168 Resp: 235402
Ion Ratio Lower Upper
168 100
99 54.1 44.3 66.5



#20
Methylene Chloride
Concen: 9.073 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022834.D
Acq: 25 Jun 2025 18:50

Tgt Ion: 84 Resp: 28453
Ion Ratio Lower Upper
84 100
49 109.3 101.9 152.9
51 31.9 29.8 44.8
86 57.0 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 57.504 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY022834.D

Acq: 25 Jun 2025 18:50

Instrument :

MSVOA_Y

ClientSampleId :

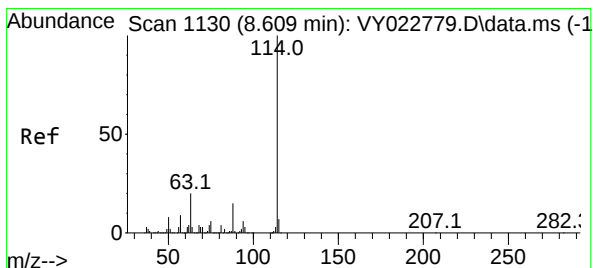
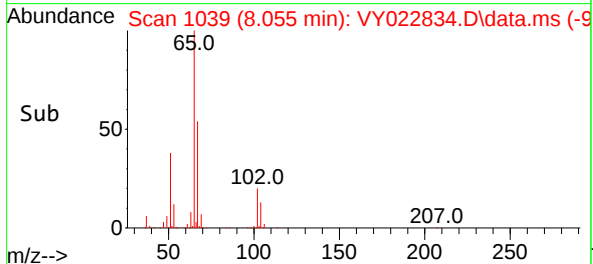
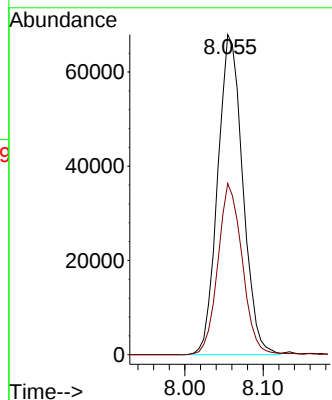
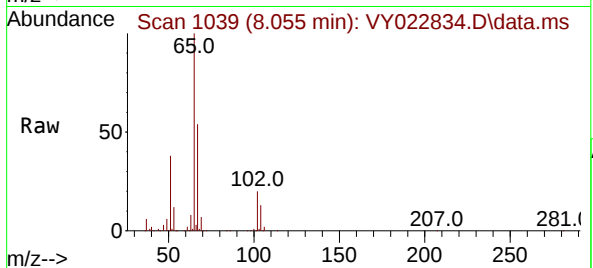
RT915

Tgt Ion: 65 Resp: 151081

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022834.D

Acq: 25 Jun 2025 18:50

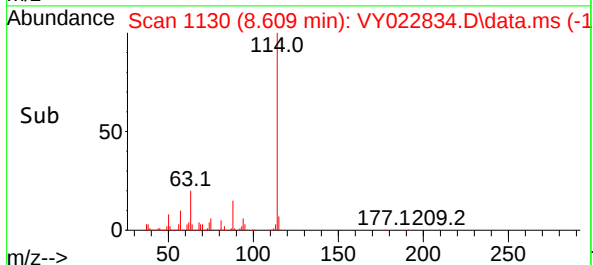
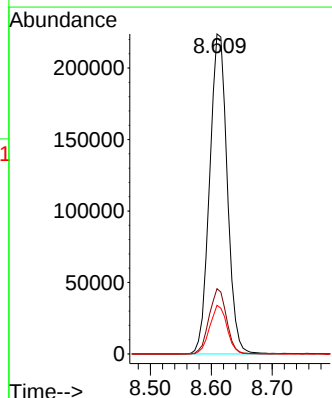
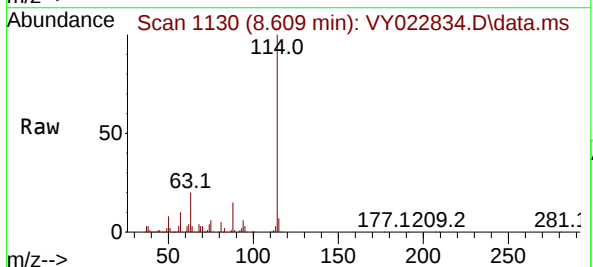
Tgt Ion:114 Resp: 449512

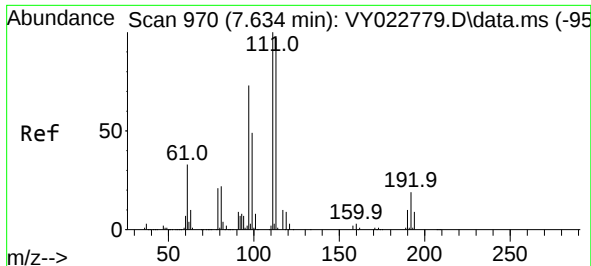
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.2 0.0 27.8

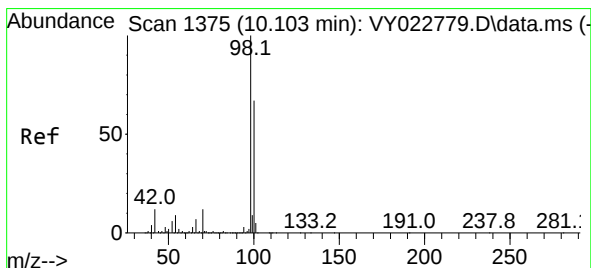
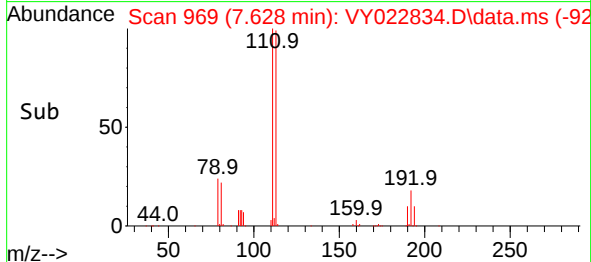
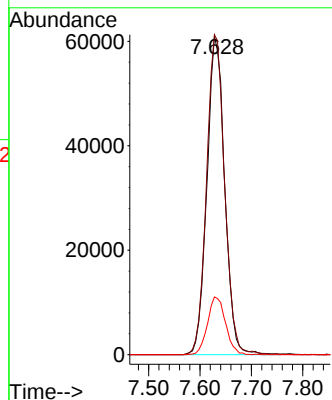
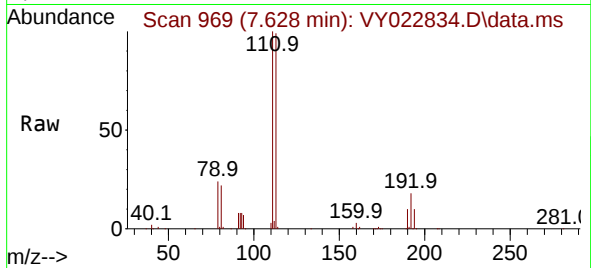




#35
Dibromofluoromethane
Concen: 53.494 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022834.D
Acq: 25 Jun 2025 18:50

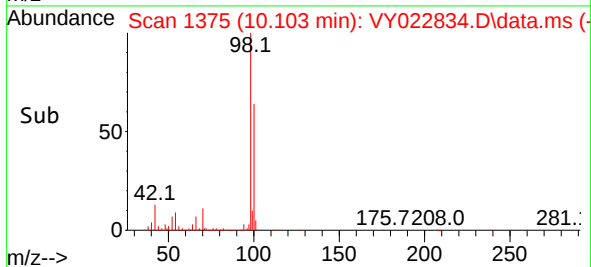
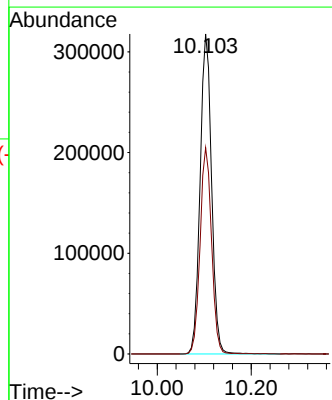
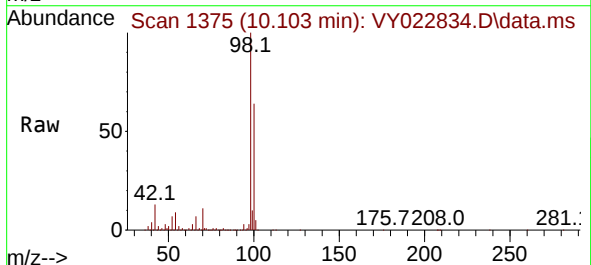
Instrument :
MSVOA_Y
ClientSampleId :
RT915

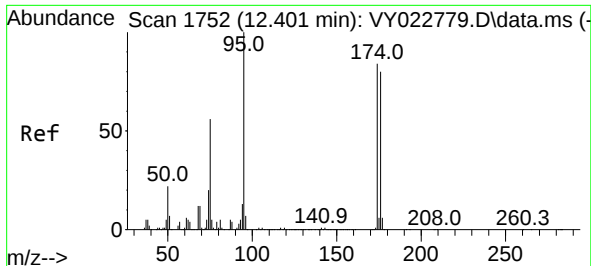
Tgt Ion:113 Resp: 146238
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.4 14.2 21.2



#50
Toluene-d8
Concen: 49.657 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022834.D
Acq: 25 Jun 2025 18:50

Tgt Ion: 98 Resp: 538669
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

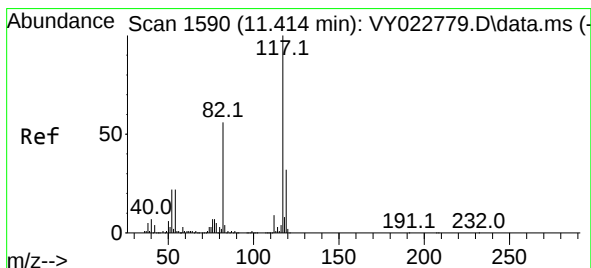
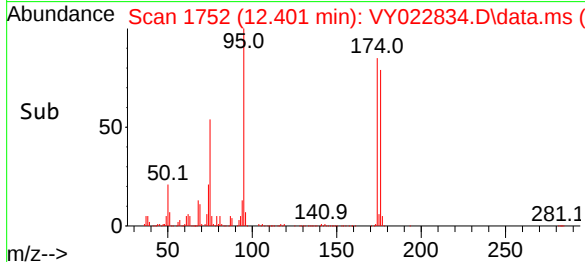
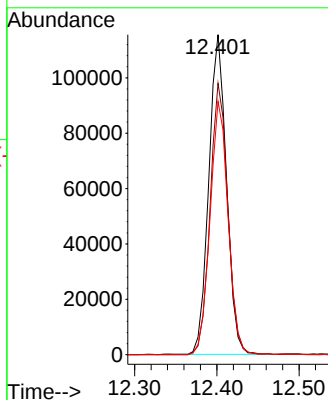
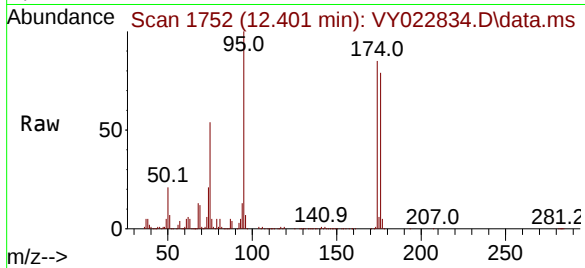




#62
4-Bromofluorobenzene
Concen: 49.492 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022834.D
Acq: 25 Jun 2025 18:50

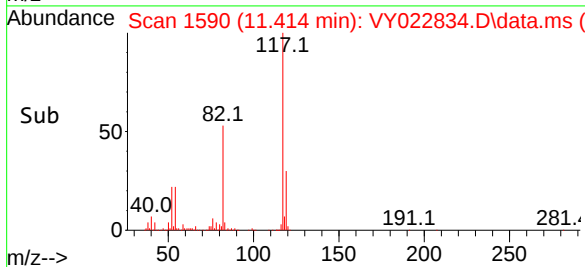
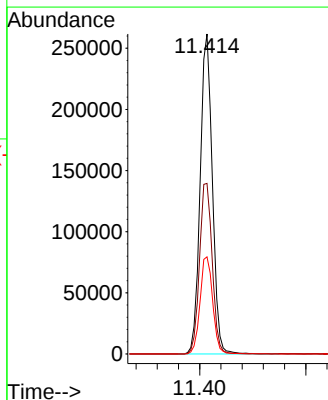
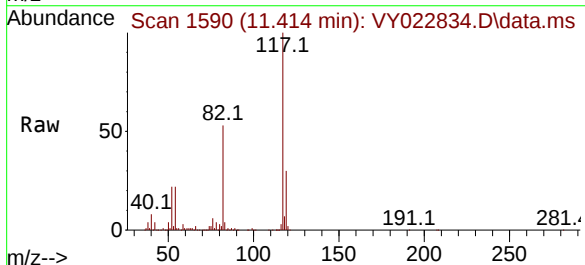
Instrument :
MSVOA_Y
ClientSampleId :
RT915

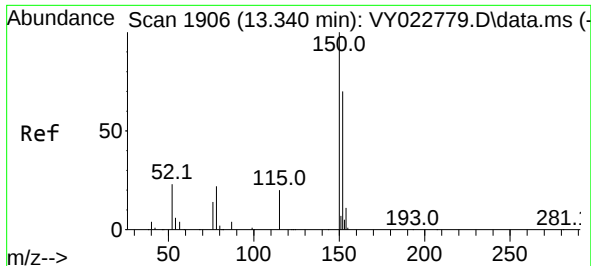
Tgt Ion: 95 Resp: 172589
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 80.9 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022834.D
Acq: 25 Jun 2025 18:50

Tgt Ion: 117 Resp: 417191
Ion Ratio Lower Upper
117 100
82 53.3 44.6 66.8
119 30.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022834.D

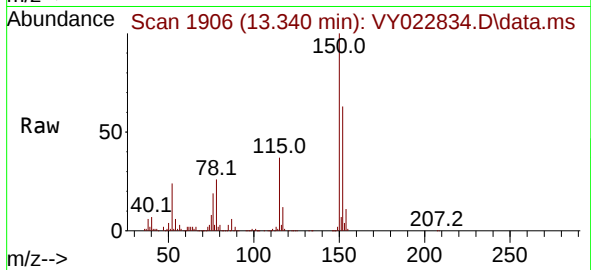
Acq: 25 Jun 2025 18:50

Instrument :

MSVOA_Y

ClientSampleId :

RT915



Tgt Ion:152 Resp: 160160

Ion Ratio Lower Upper

152 100

115 57.0 28.9 86.7

150 156.5 0.0 349.6

