

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021790.D
 Acq On : 04 Apr 2025 16:57
 Operator : SY/MD
 Sample : Q1730-19
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-15-040325

Quant Time: Apr 04 23:41:18 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)

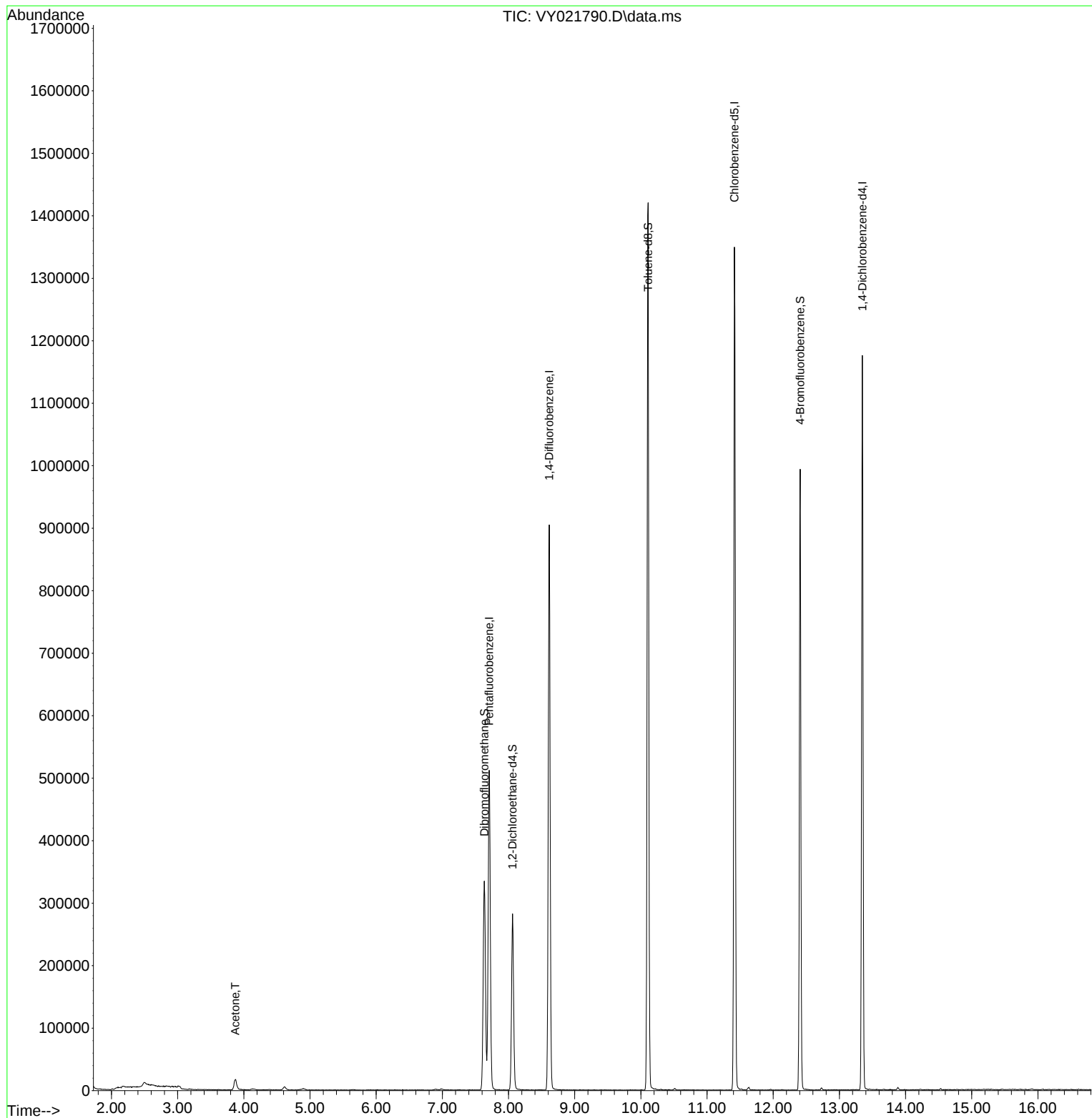
Internal Standards						
1) Pentafluorobenzene	7.707	168	381407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	735423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	681310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	283839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218626	52.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.800%
35) Dibromofluoromethane	7.634	113	235248	49.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.109	98	906930	49.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.408	95	295321	48.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.220%
Target Compounds						
16) Acetone	3.873	43	30571	36.147	ug/l	Qvalue 100

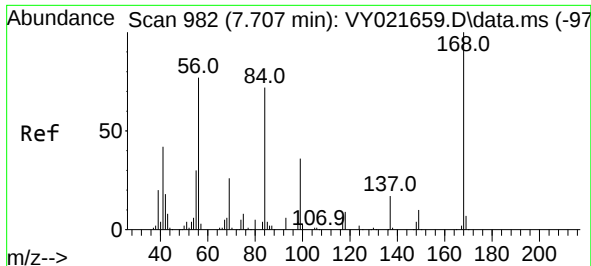
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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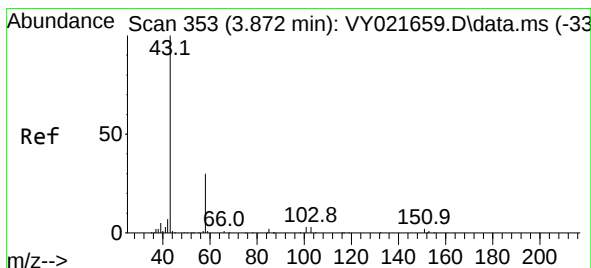
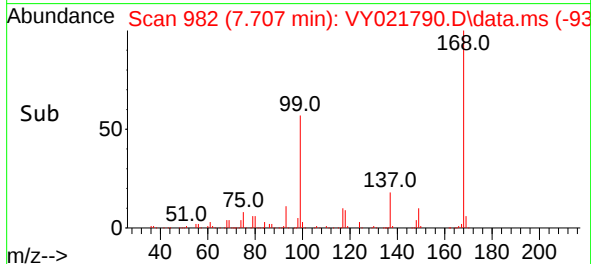
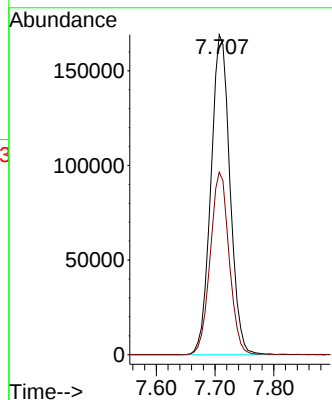
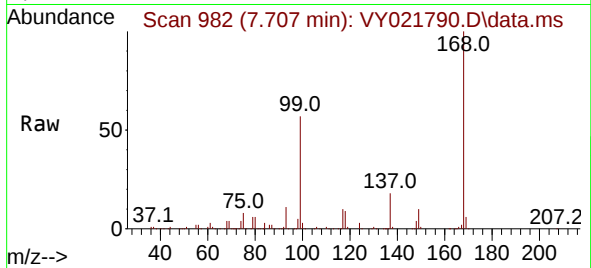




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

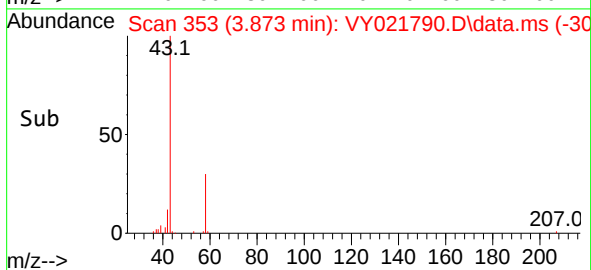
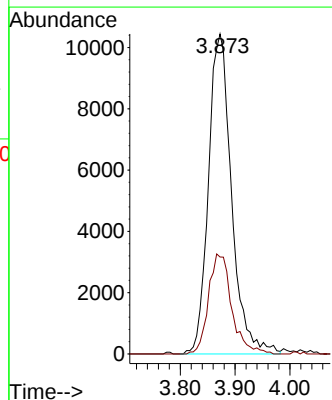
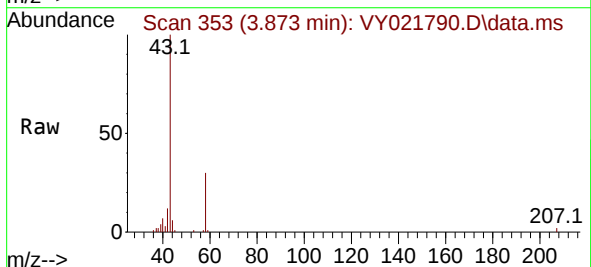
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

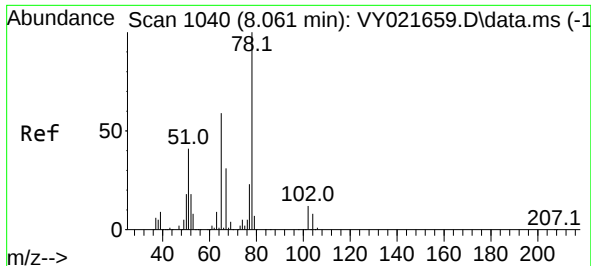
Tgt Ion:168 Resp: 381407
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#16
Acetone
Concen: 36.147 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

Tgt Ion: 43 Resp: 30571
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 52.905 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

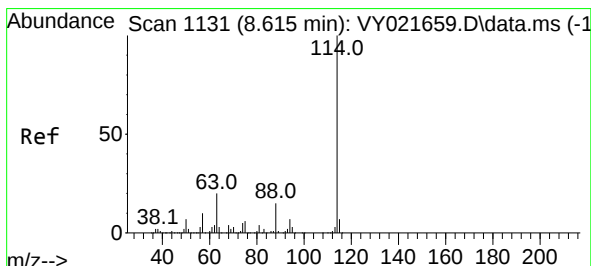
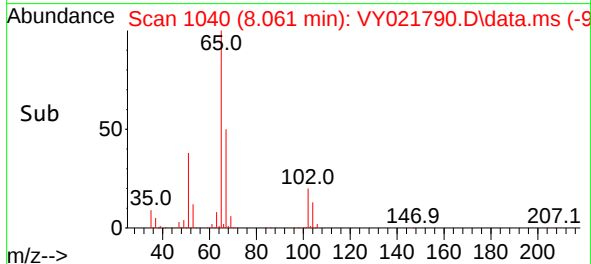
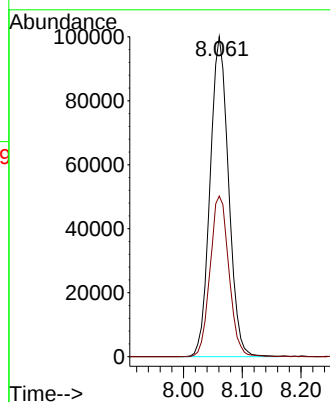
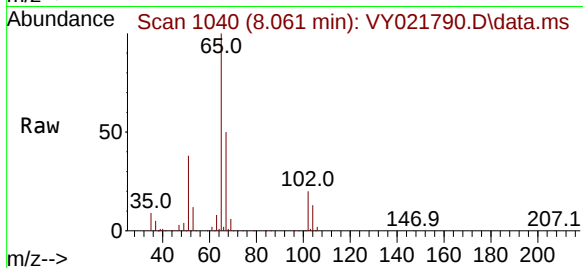
OU4-CF-15-040325

Tgt Ion: 65 Resp: 218626

Ion Ratio Lower Upper

65 100

67 51.1 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: VY021790.D

Acq: 04 Apr 2025 16:57

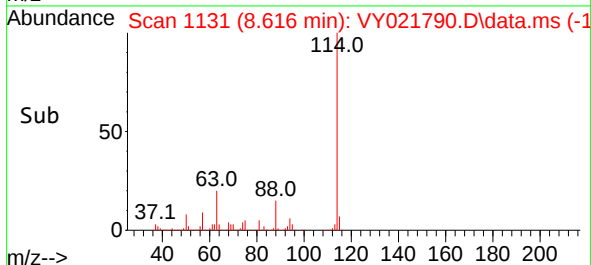
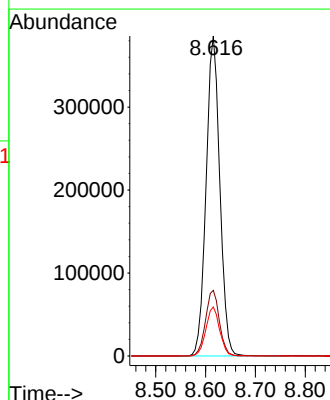
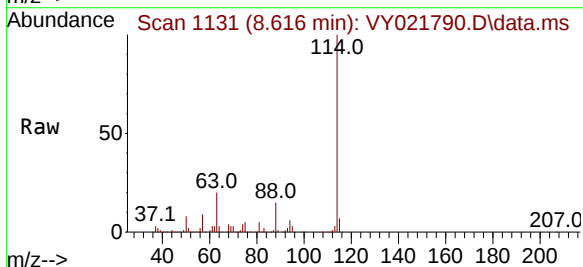
Tgt Ion: 114 Resp: 735423

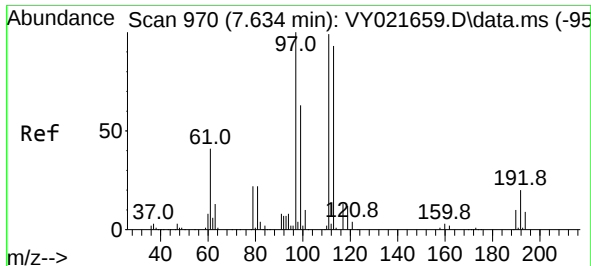
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.3 0.0 29.8

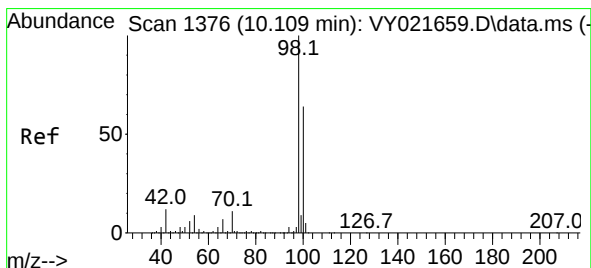
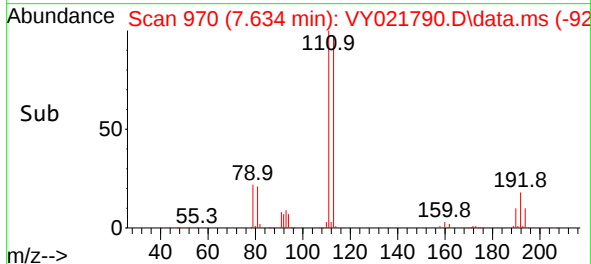
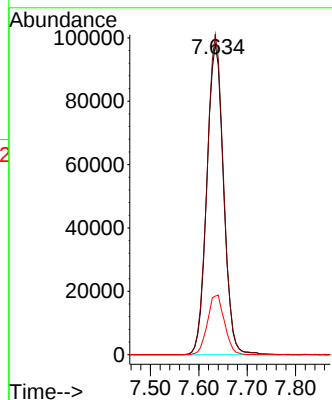
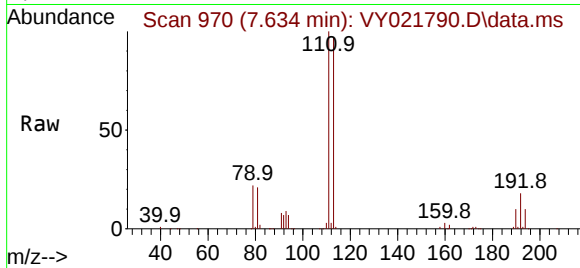




#35
Dibromofluoromethane
Concen: 49.312 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

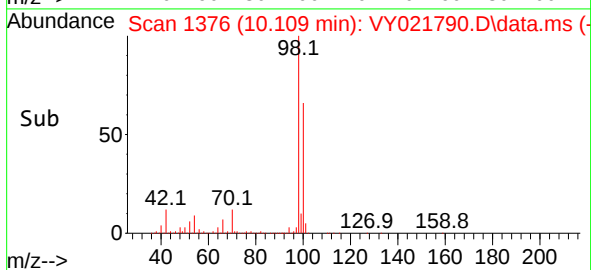
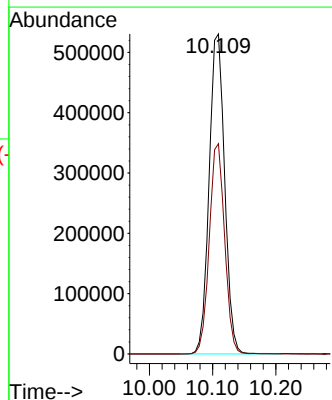
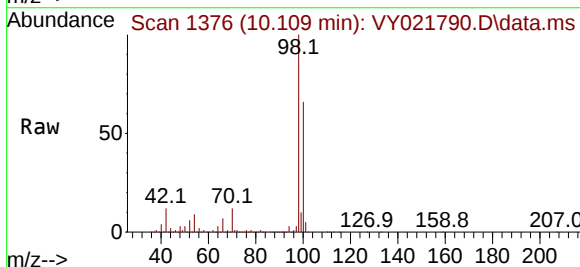
Instrument :
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OU4-CF-15-040325

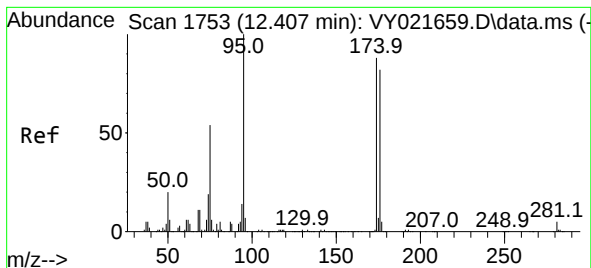
Tgt Ion:113 Resp: 235248
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.5 16.2 24.4



#50
Toluene-d8
Concen: 49.972 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

Tgt Ion: 98 Resp: 906930
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 48.108 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-15-040325

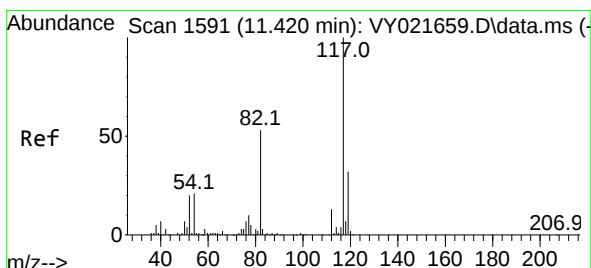
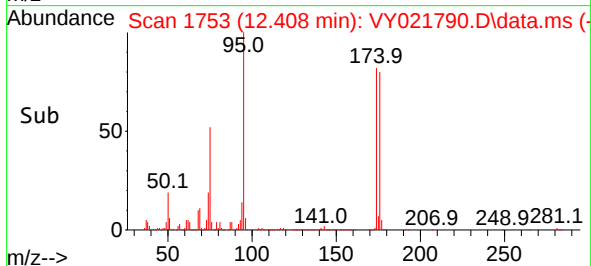
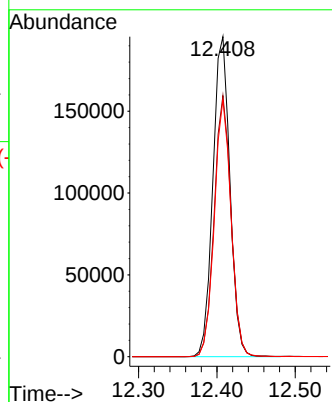
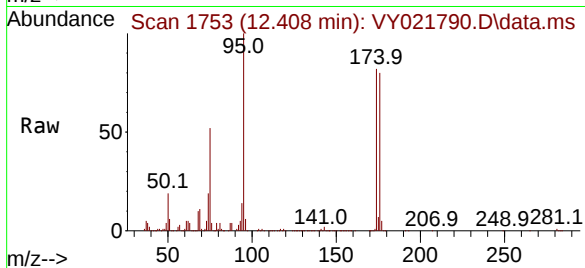
Tgt Ion: 95 Resp: 295321

Ion Ratio Lower Upper

95 100

174 80.9 0.0 170.8

176 78.8 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

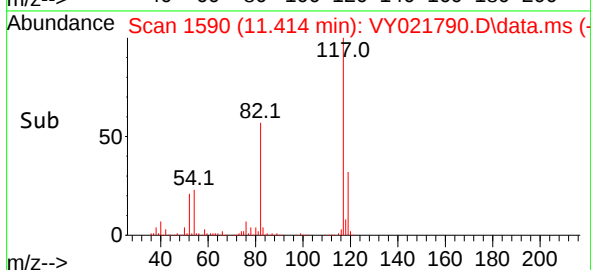
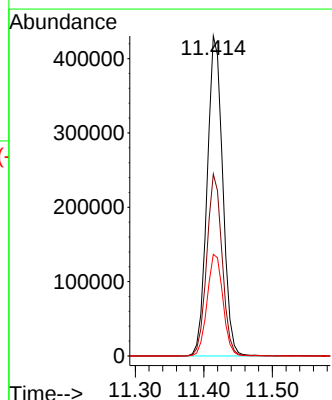
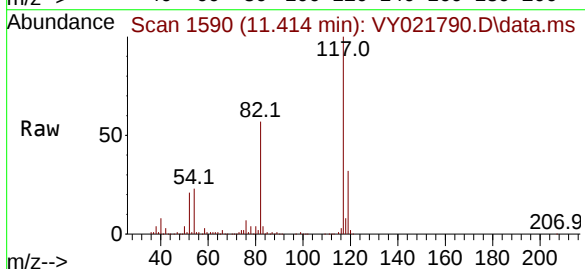
Tgt Ion: 117 Resp: 681310

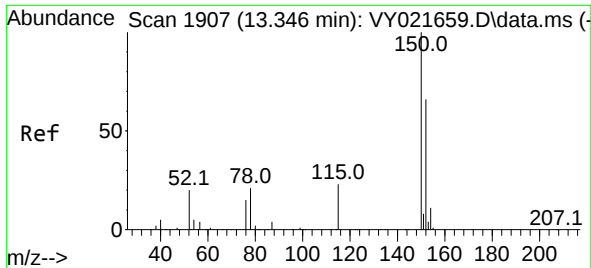
Ion Ratio Lower Upper

117 100

82 56.8 42.8 64.2

119 31.8 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: VY021790.D

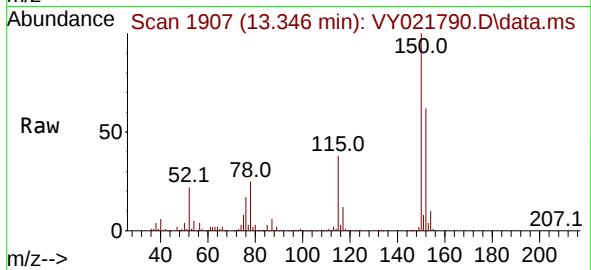
Acq: 04 Apr 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-15-040325



Tgt Ion:152 Resp: 283839

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.7 0.0 348.4

