

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018972.D
 Acq On : 09 Aug 2024 17:16
 Operator : SY/MD
 Sample : P3518-21
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-11-080724

Quant Time: Aug 09 23:29:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	99711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	159359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	119227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	47453	54.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.400%
35) Dibromofluoromethane	7.622	113	53395	52.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.920%
50) Toluene-d8	10.103	98	193970	49.616	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	39885	34.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.780%

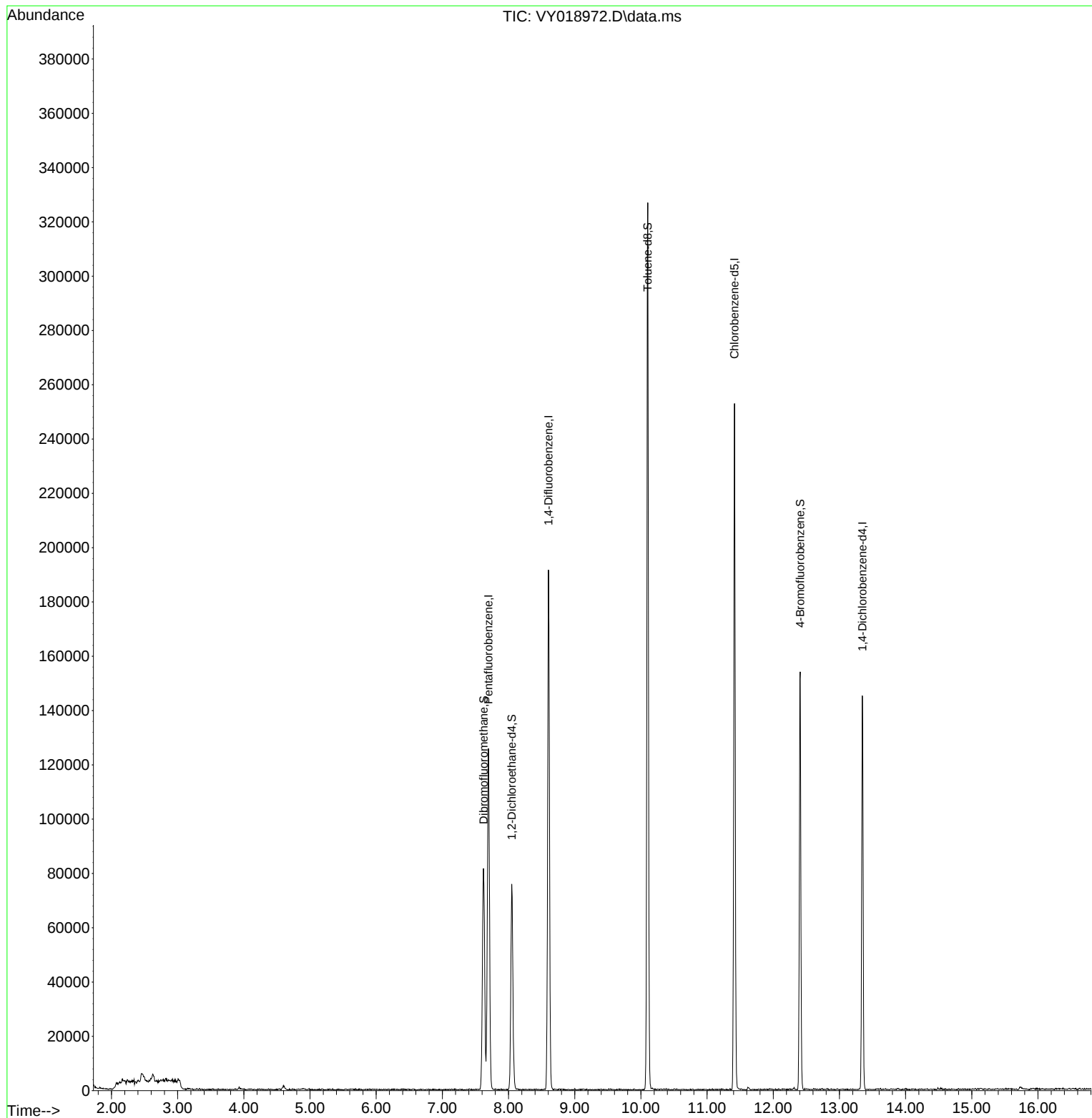
Target Compounds	Qvalue

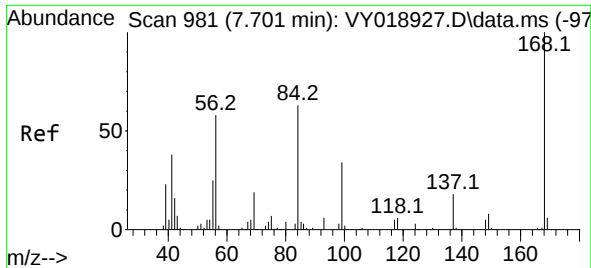
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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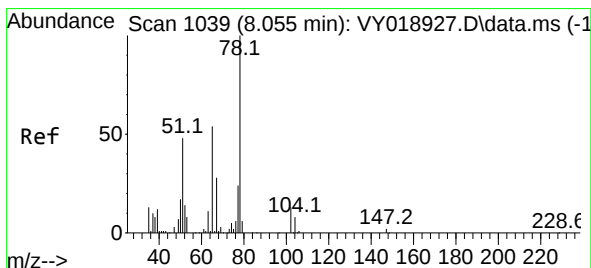
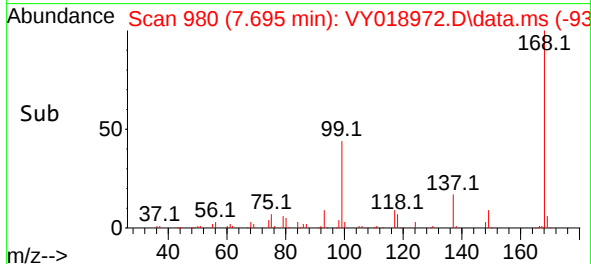
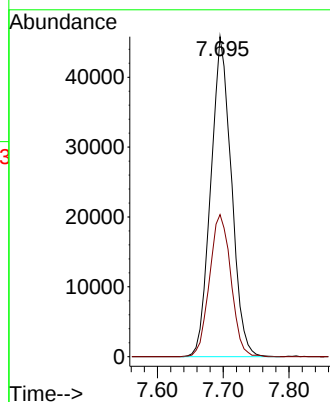
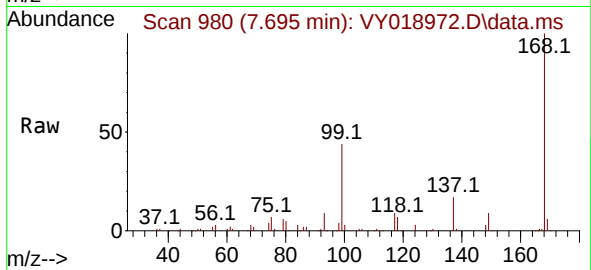




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

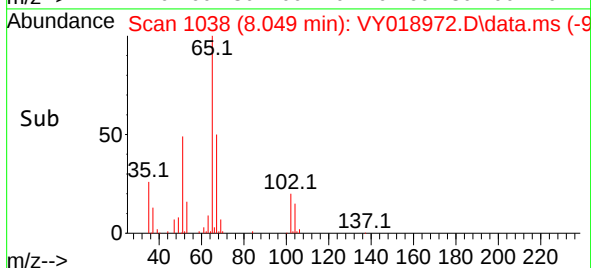
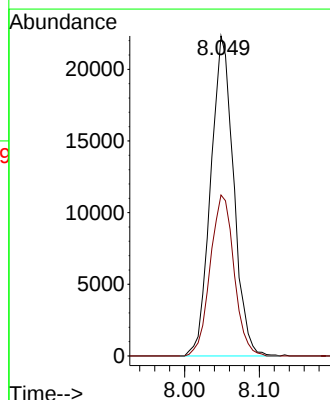
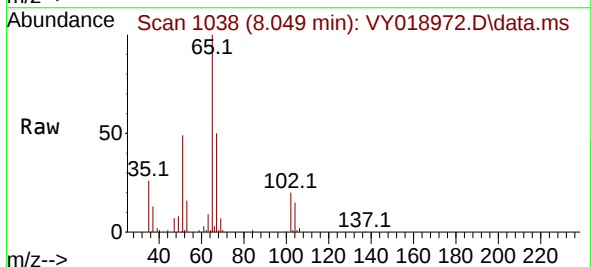
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724

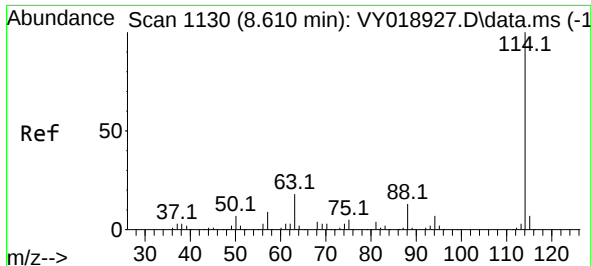
Tgt Ion:168 Resp: 99711
Ion Ratio Lower Upper
168 100
99 44.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.204 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

Tgt Ion: 65 Resp: 47453
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-11-080724

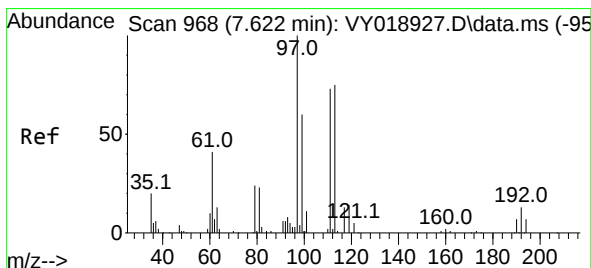
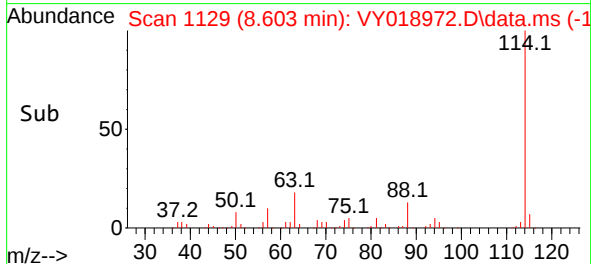
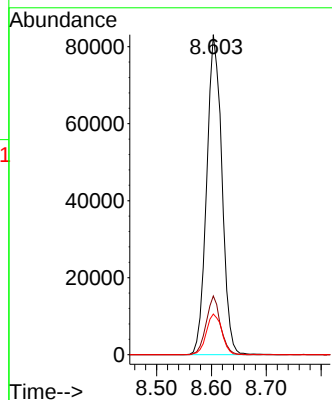
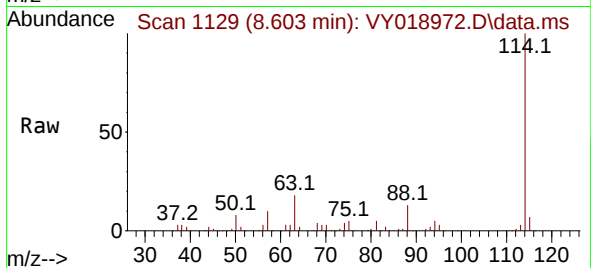
Tgt Ion:114 Resp: 159359

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.461 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

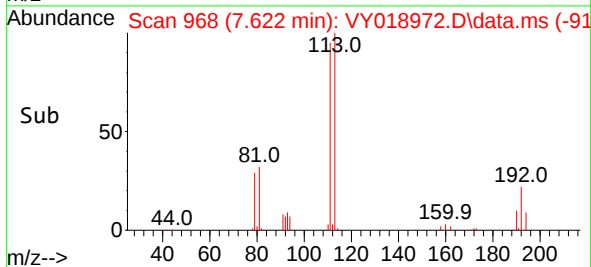
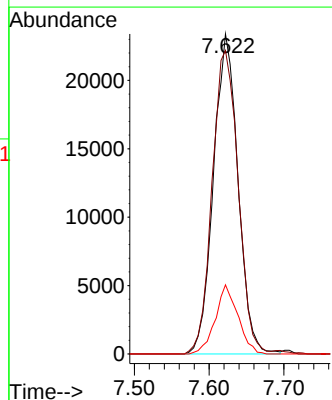
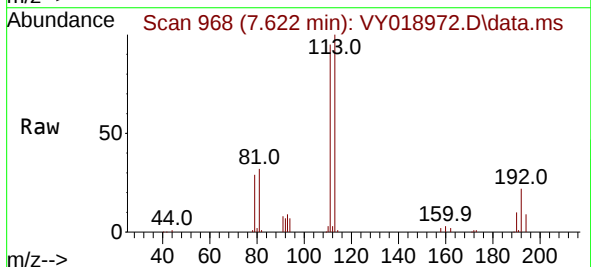
Tgt Ion:113 Resp: 53395

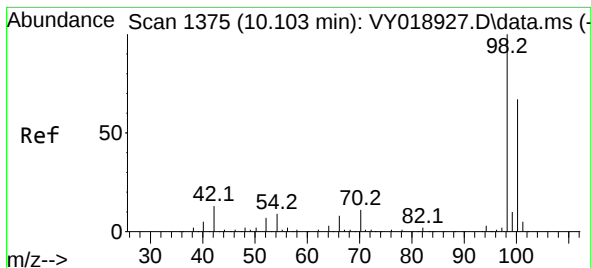
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 19.9 15.9 23.9





#50

Toluene-d8

Concen: 49.616 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

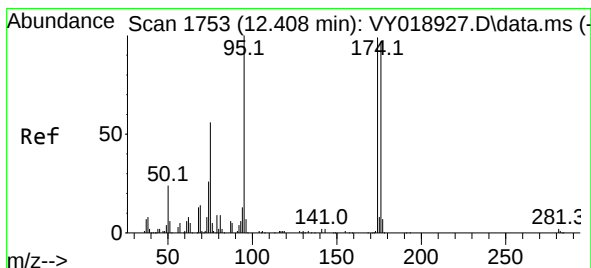
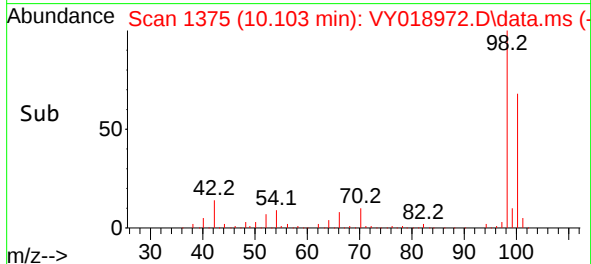
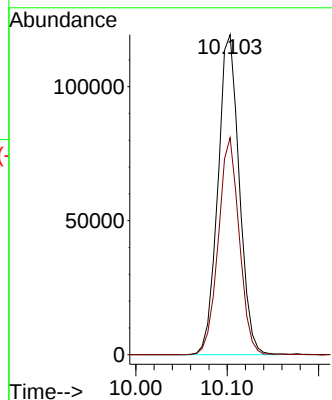
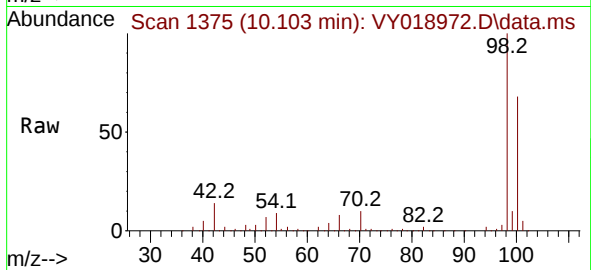
OU4-TS-11-080724

Tgt Ion: 98 Resp: 193970

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.388 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

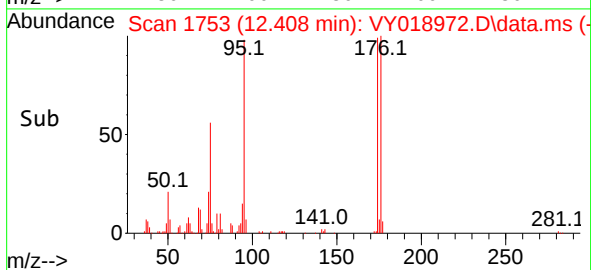
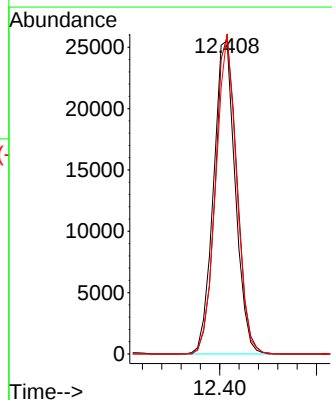
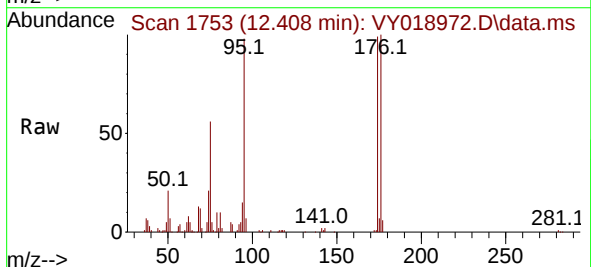
Tgt Ion: 95 Resp: 39885

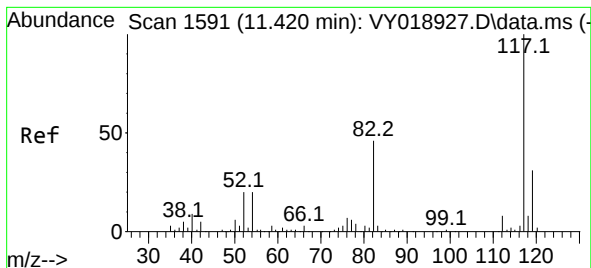
Ion Ratio Lower Upper

95 100

174 100.6 0.0 175.6

176 97.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-11-080724

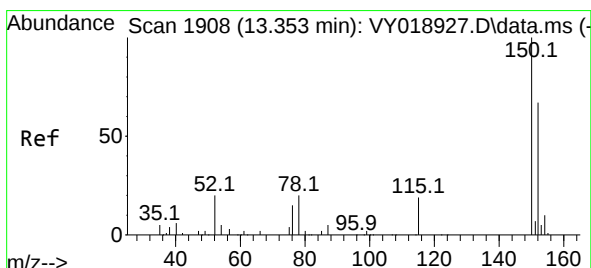
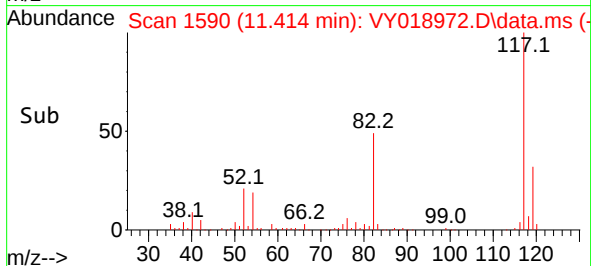
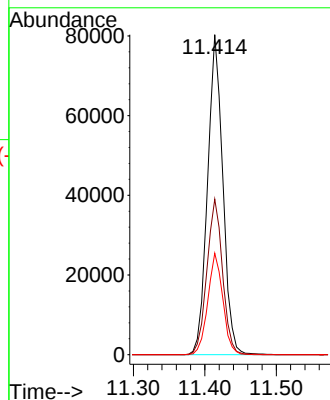
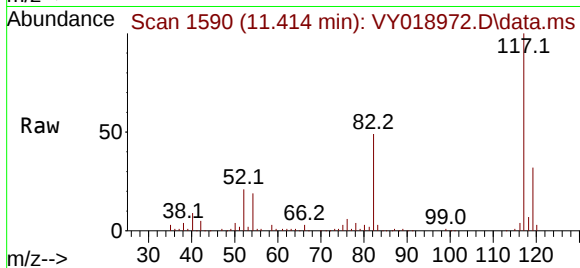
Tgt Ion:117 Resp: 119227

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

Tgt Ion:152 Resp: 33427

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 159.8 0.0 345.6

