

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018940.D
 Acq On : 08 Aug 2024 20:51
 Operator : SY/MD
 Sample : P3520-05
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-10-080624

Quant Time: Aug 09 05:11:29 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	7.707	168	87222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	144181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	120477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	46339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41217	53.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.640%
35) Dibromofluoromethane	7.622	113	45235	49.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.103	98	168252	47.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.408	95	43288	41.251	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.500%

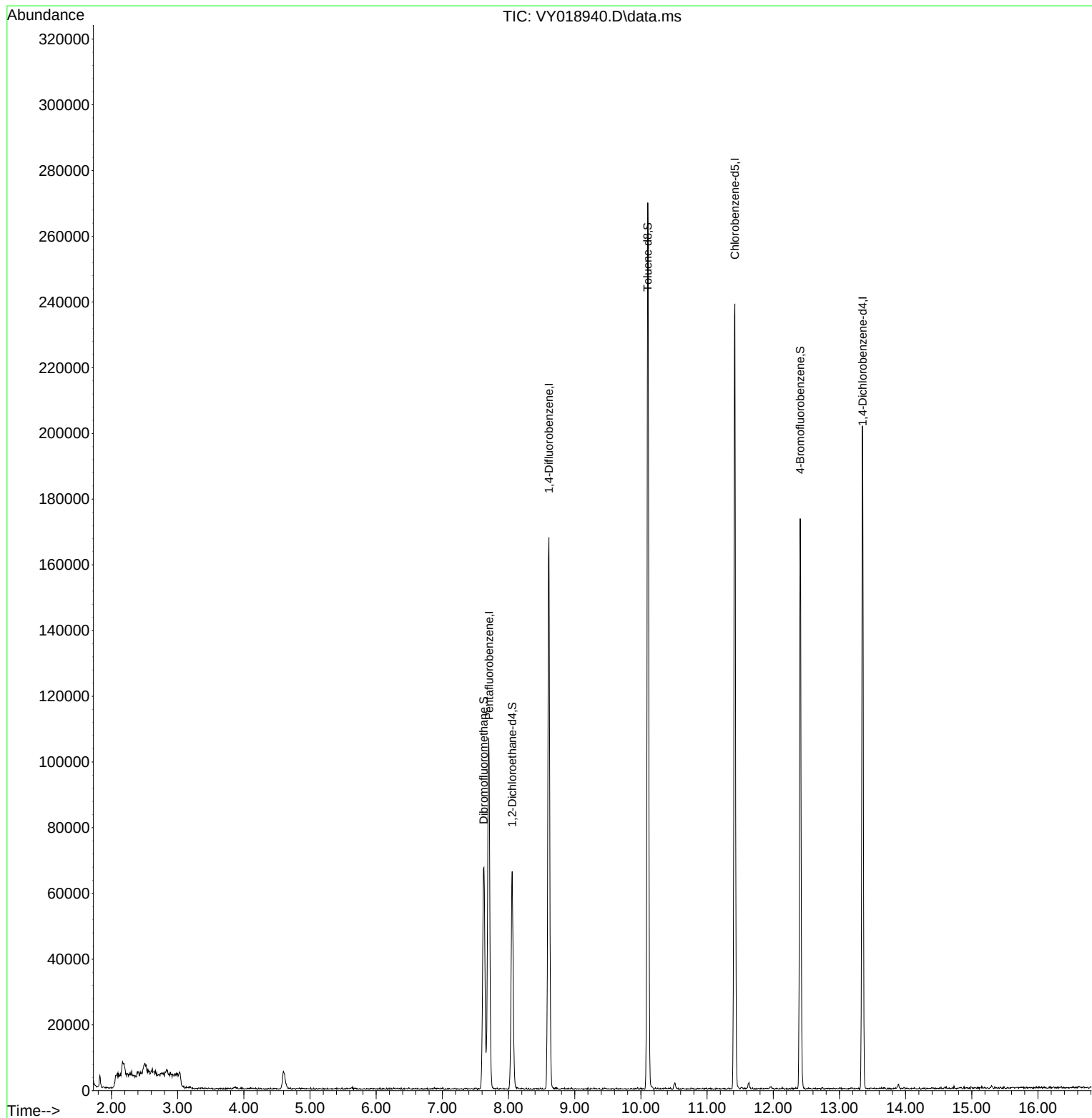
Target Compounds	Qvalue

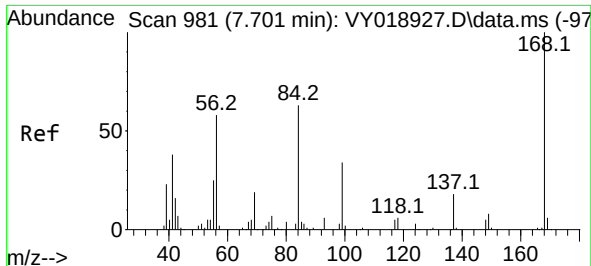
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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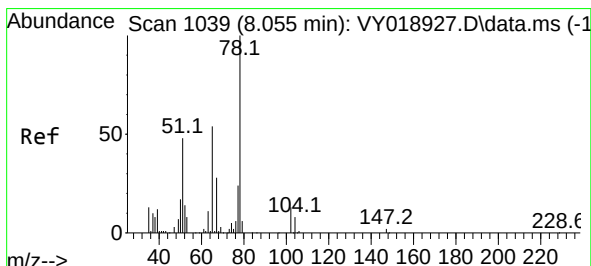
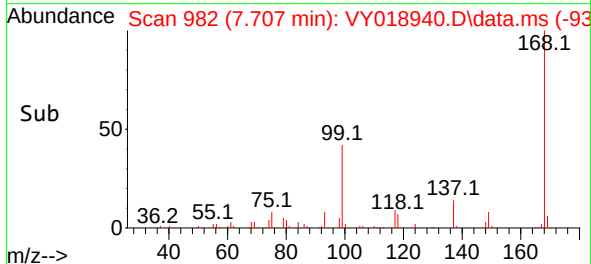
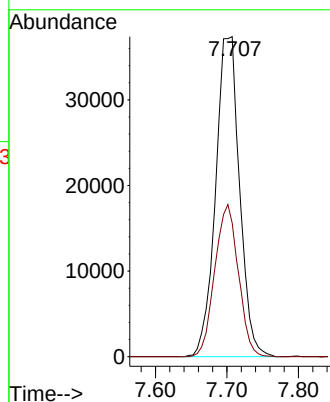
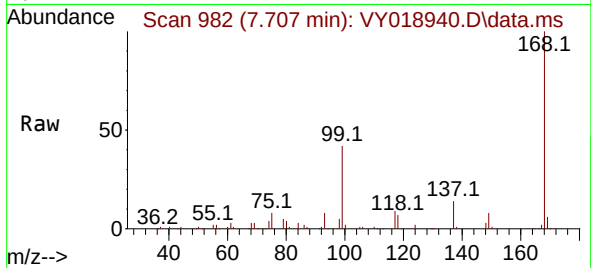




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

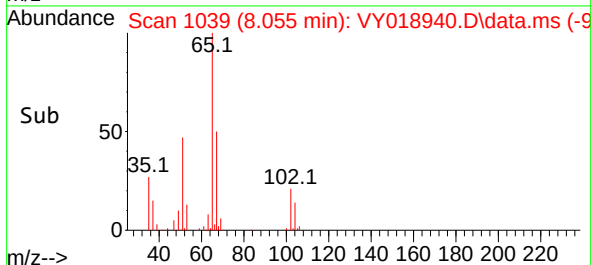
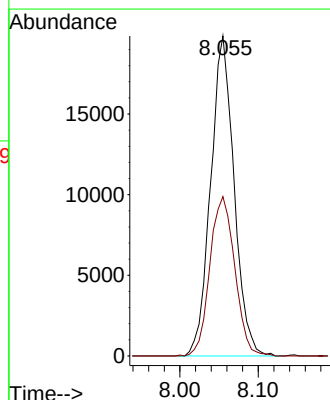
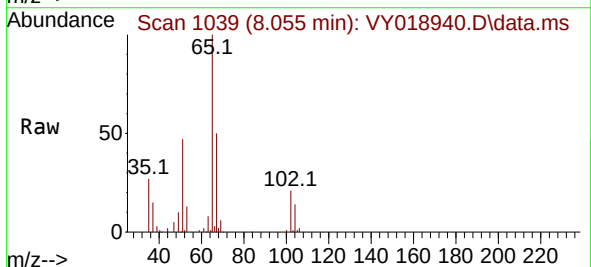
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-10-080624

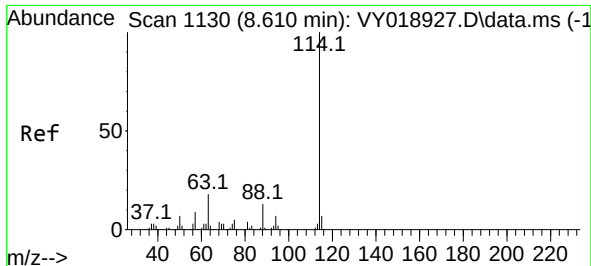
Tgt Ion:168 Resp: 87222
Ion Ratio Lower Upper
168 100
99 41.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.822 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Tgt Ion: 65 Resp: 41217
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-10-080624

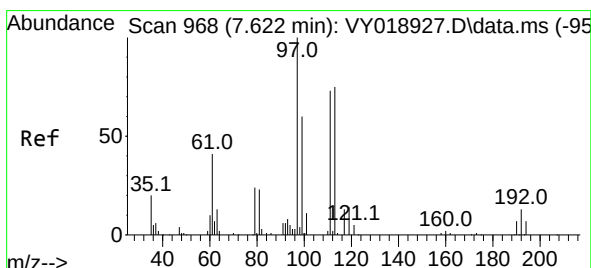
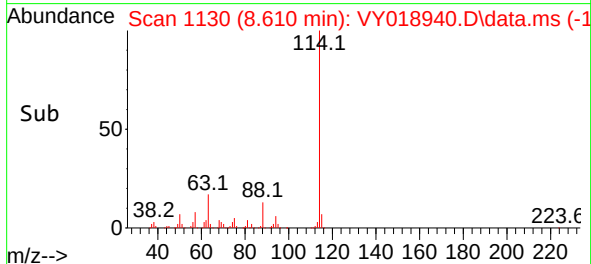
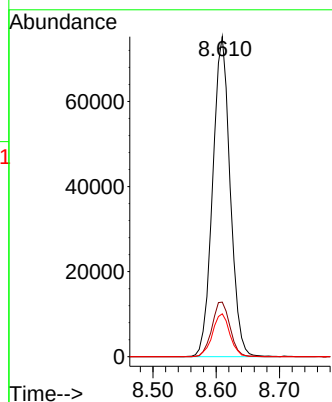
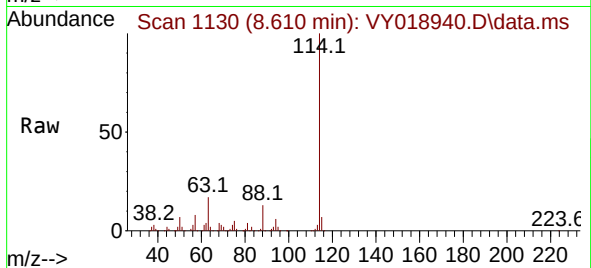
Tgt Ion:114 Resp: 144181

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.122 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

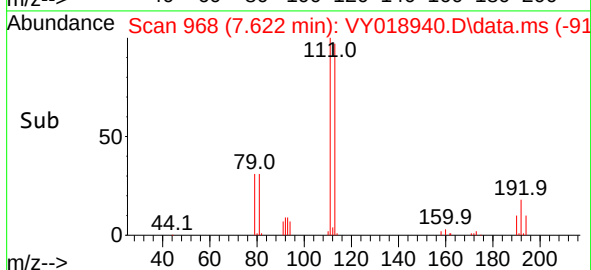
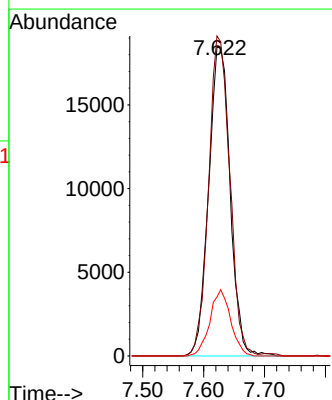
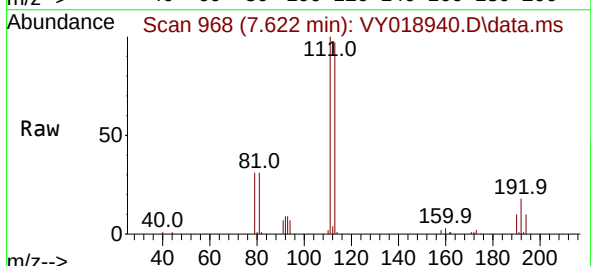
Tgt Ion:113 Resp: 45235

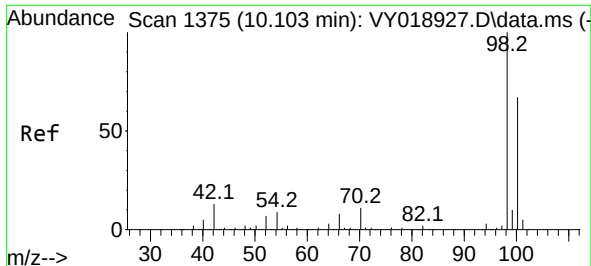
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 20.8 15.9 23.9

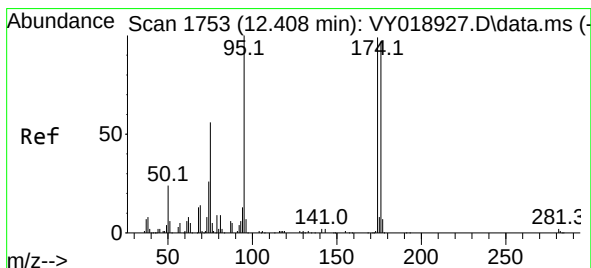
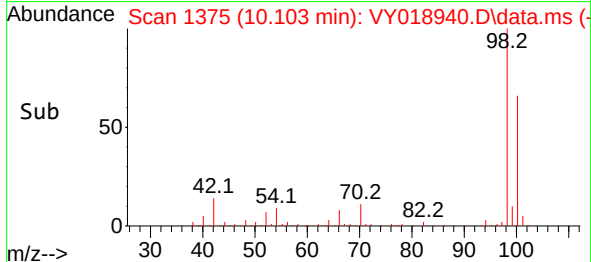
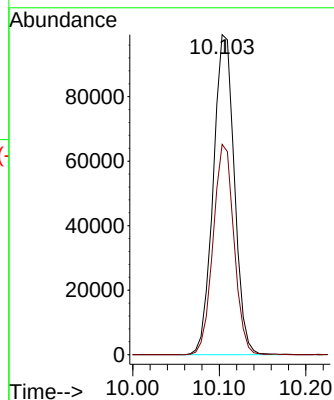
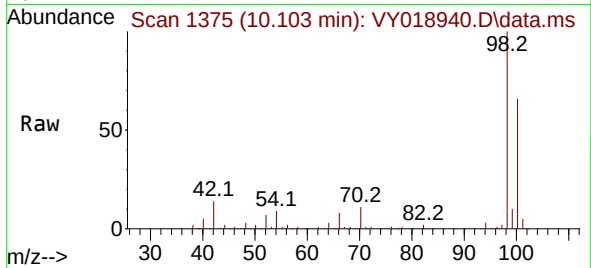




#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

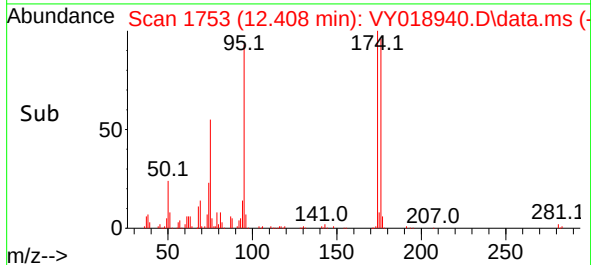
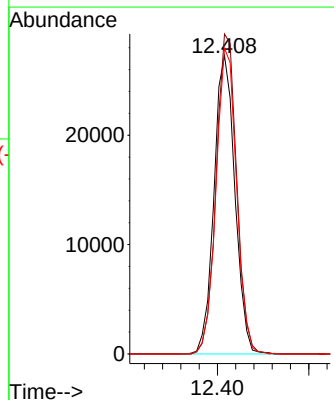
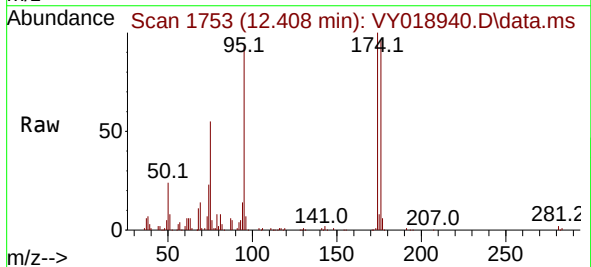
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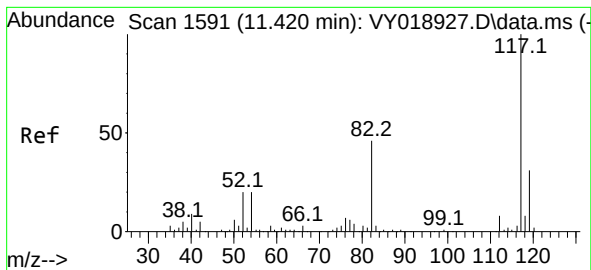
Tgt Ion: 98 Resp: 168252
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.251 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018940.D
Acq: 08 Aug 2024 20:51

Tgt Ion: 95 Resp: 43288
Ion Ratio Lower Upper
95 100
174 105.4 0.0 175.6
176 100.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-10-080624

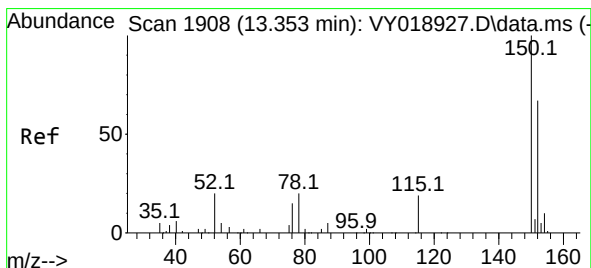
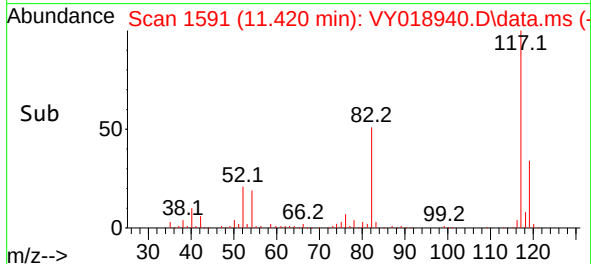
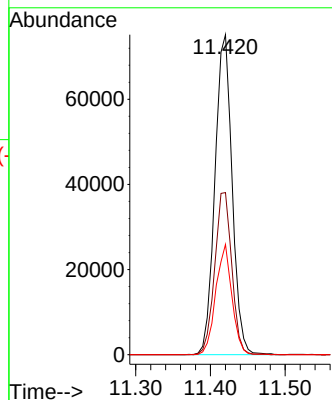
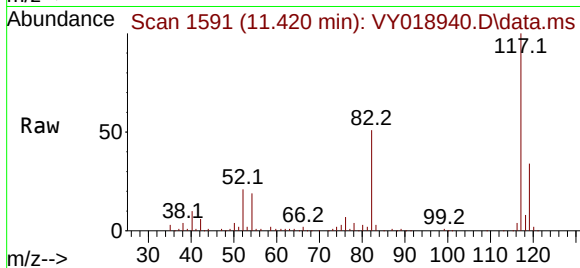
Tgt Ion:117 Resp: 120477

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 34.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY018940.D

Acq: 08 Aug 2024 20:51

Tgt Ion:152 Resp: 46339

Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 163.2 0.0 345.6

