

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018974.D
 Acq On : 09 Aug 2024 18:06
 Operator : SY/MD
 Sample : P3518-25
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-13-080724

Quant Time: Aug 09 23:30:19 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	96390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	154324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	118834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36295	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	45339	53.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.622	113	51533	52.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.103	98	189294	50.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.408	95	39801	35.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.880%

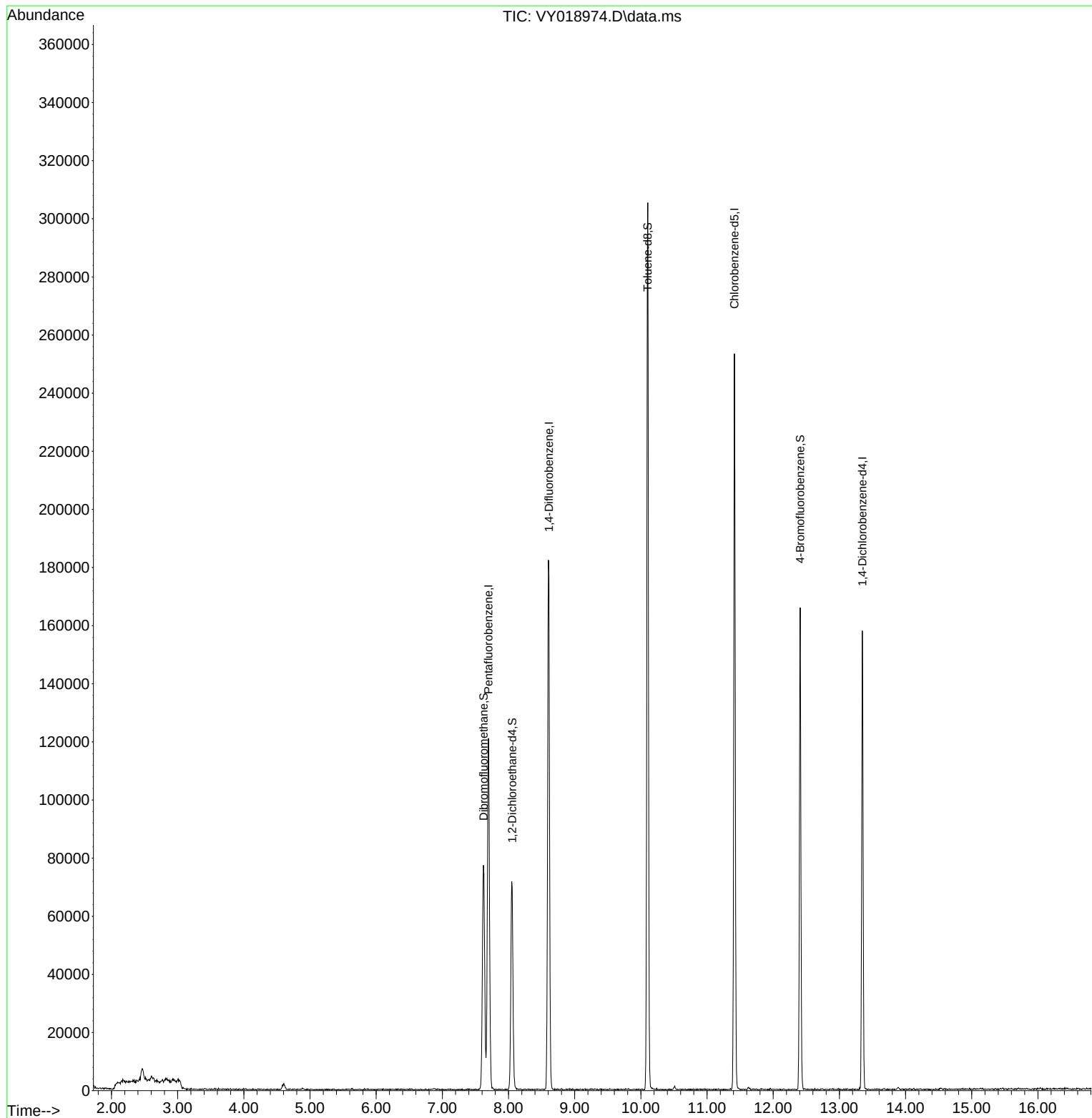
Target Compounds	Qvalue

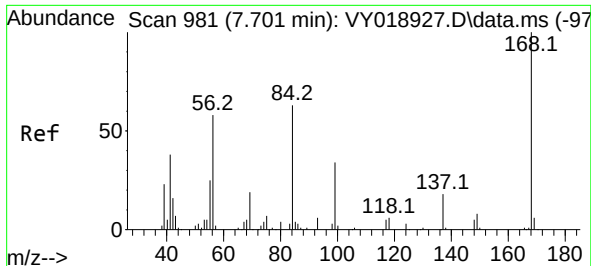
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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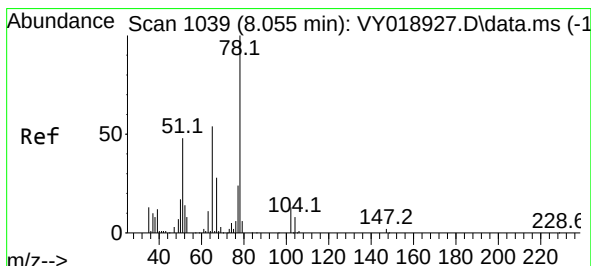
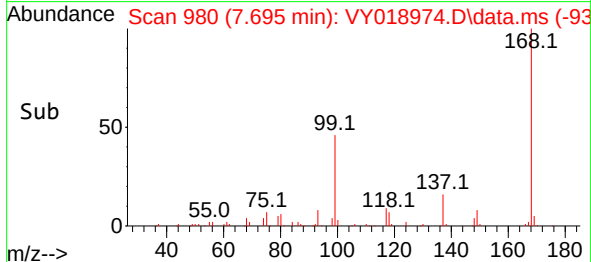
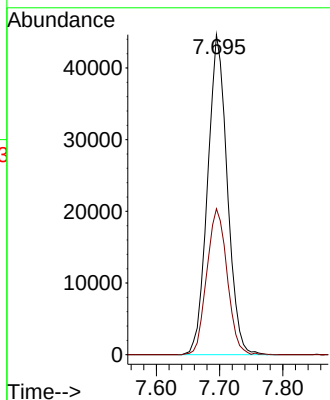
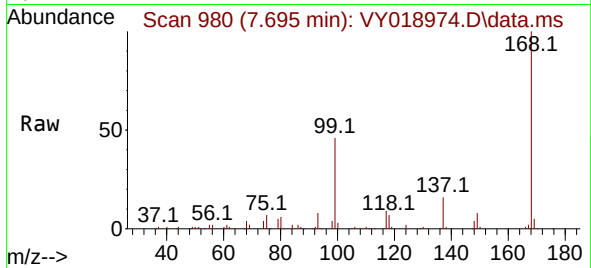




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018974.D
Acq: 09 Aug 2024 18:06

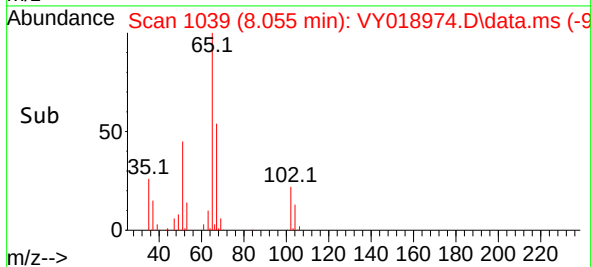
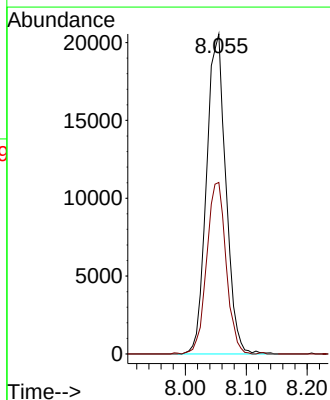
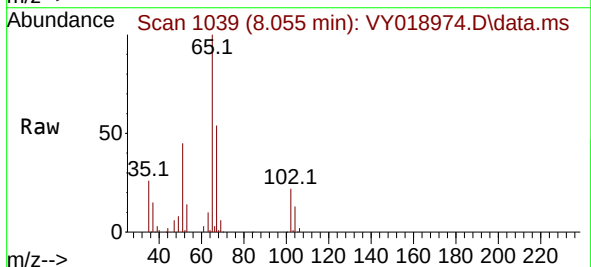
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-13-080724

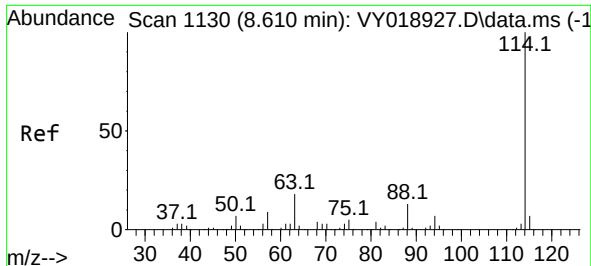
Tgt Ion:168 Resp: 96390
Ion Ratio Lower Upper
168 100
99 45.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.573 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018974.D
Acq: 09 Aug 2024 18:06

Tgt Ion: 65 Resp: 45339
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

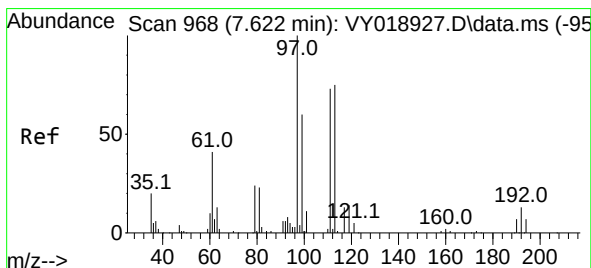
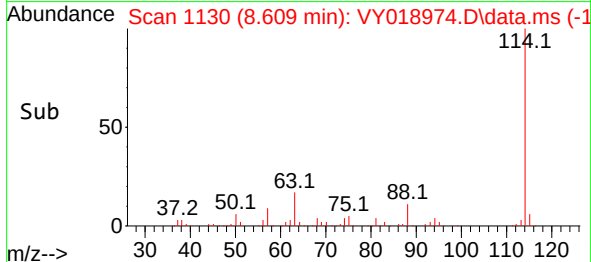
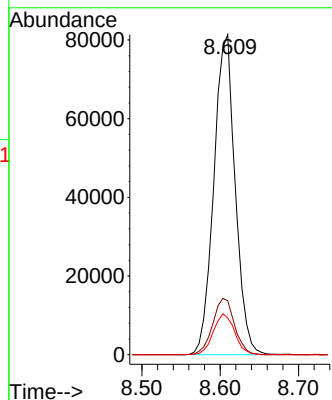
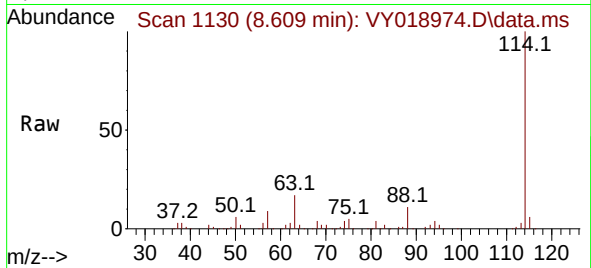




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY018974.D
Acq: 09 Aug 2024 18:06

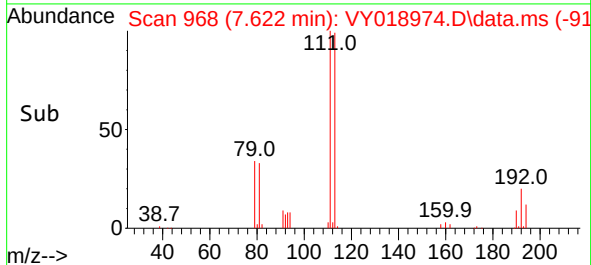
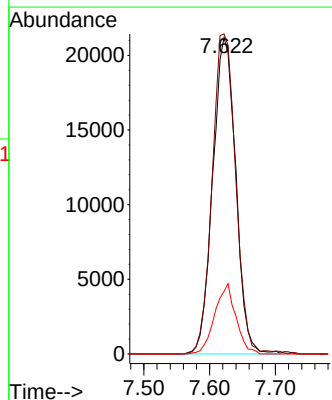
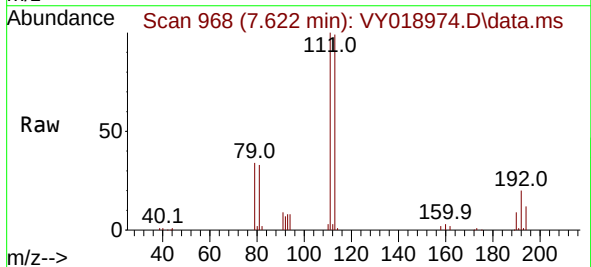
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-13-080724

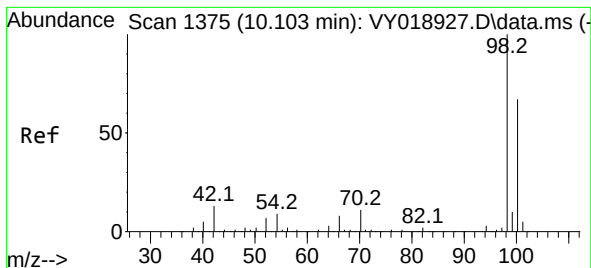
Tgt Ion:114 Resp: 154324
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 11.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.283 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY018974.D
Acq: 09 Aug 2024 18:06

Tgt Ion:113 Resp: 51533
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 50.000 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018974.D

Acq: 09 Aug 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

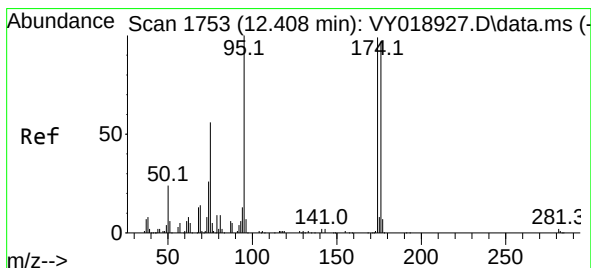
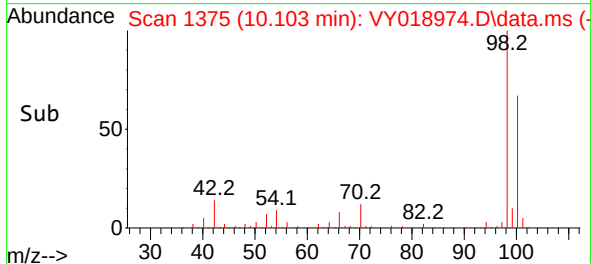
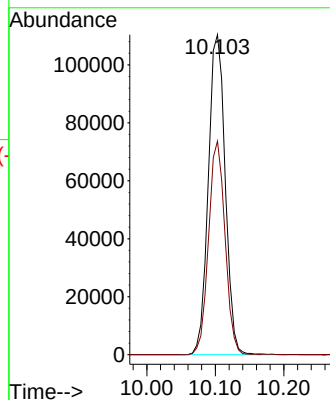
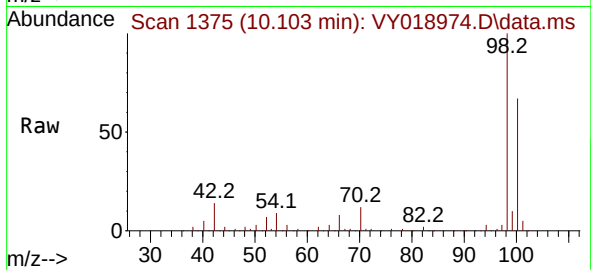
OU4-TS-13-080724

Tgt Ion: 98 Resp: 189294

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.435 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018974.D

Acq: 09 Aug 2024 18:06

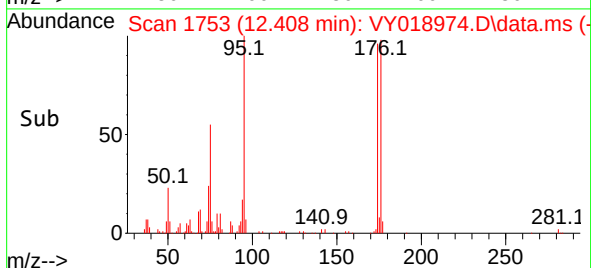
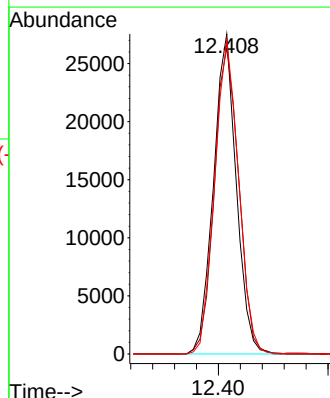
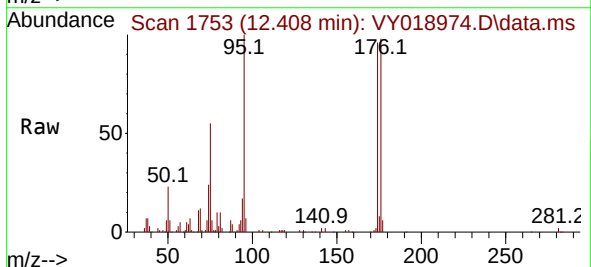
Tgt Ion: 95 Resp: 39801

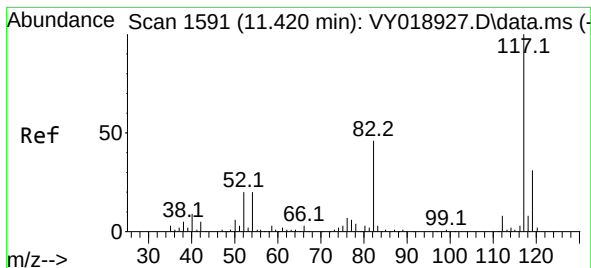
Ion Ratio Lower Upper

95 100

174 102.5 0.0 175.6

176 102.8 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: VY018974.D

Acq: 09 Aug 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-13-080724

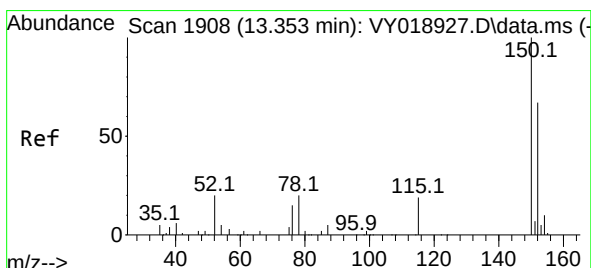
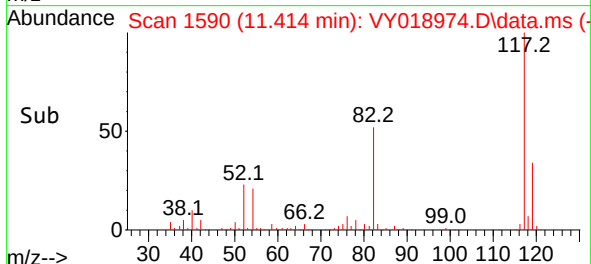
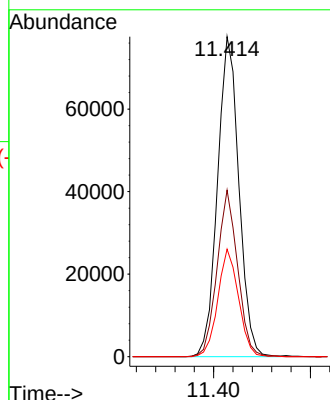
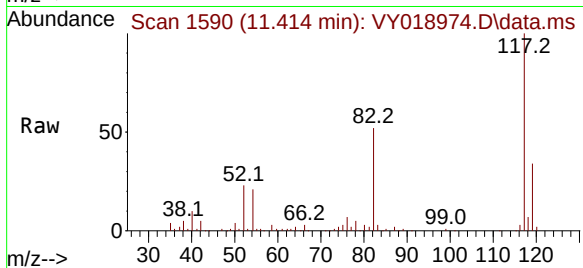
Tgt Ion:117 Resp: 118834

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 33.6 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: VY018974.D

Acq: 09 Aug 2024 18:06

Tgt Ion:152 Resp: 36295

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 158.5 0.0 345.6

