

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019006.D
 Acq On : 12 Aug 2024 16:47
 Operator : SY/MD
 Sample : P3519-25
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-05-080624

Quant Time: Aug 13 01:17:10 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	7.701	168	66098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	108348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	90142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	31145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	35164	60.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.180%
35) Dibromofluoromethane	7.622	113	40982	59.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.440%
50) Toluene-d8	10.103	98	149310	56.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.408	95	33301	42.229	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.460%

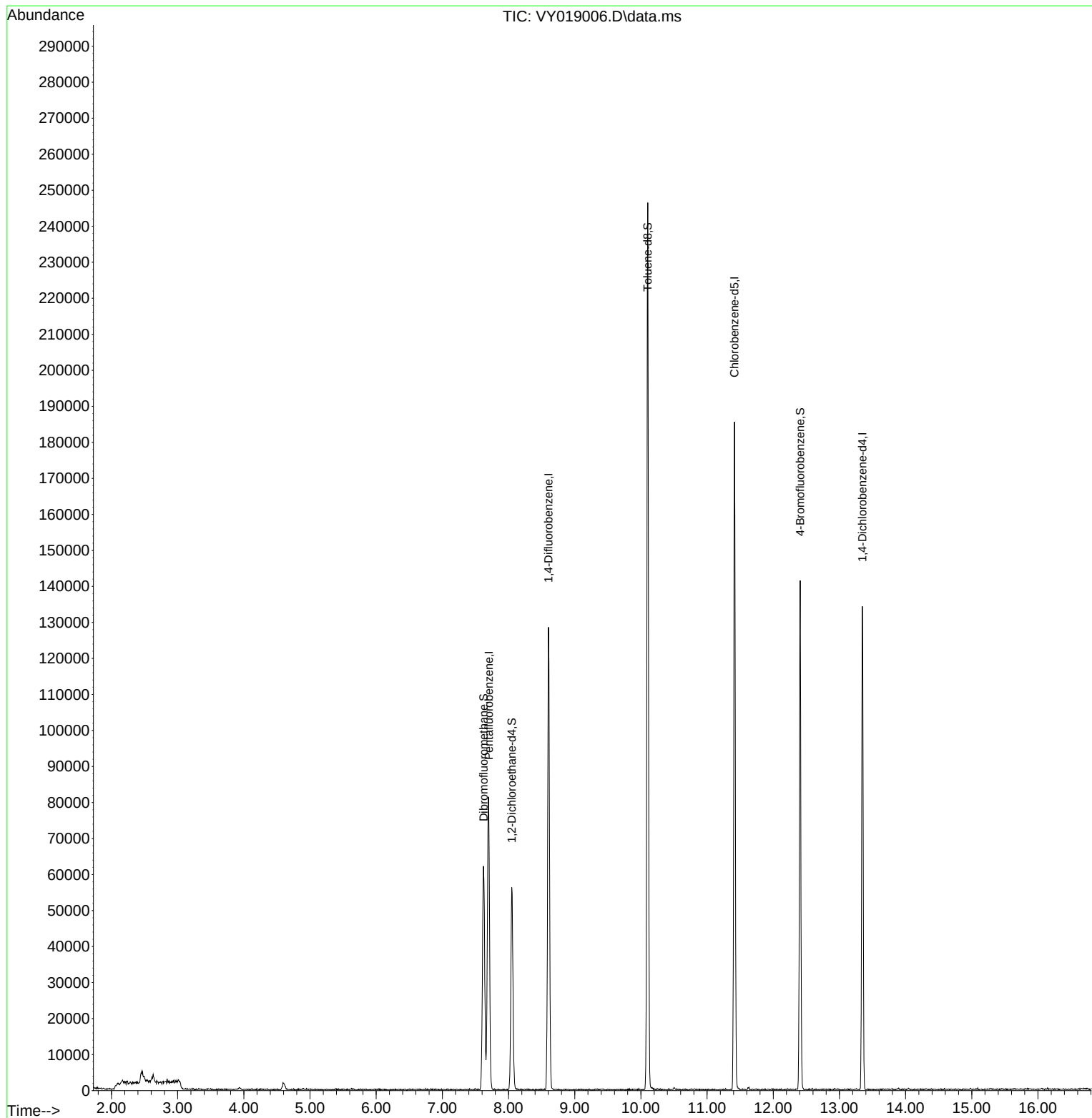
Target Compounds	Qvalue

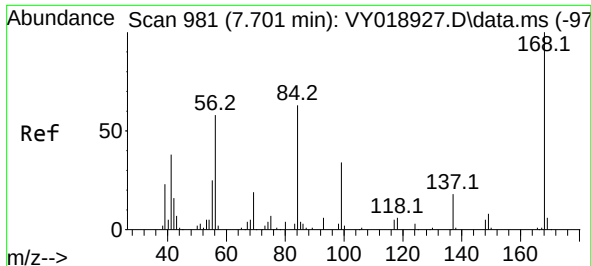
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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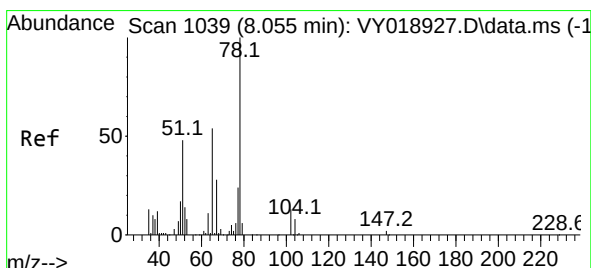
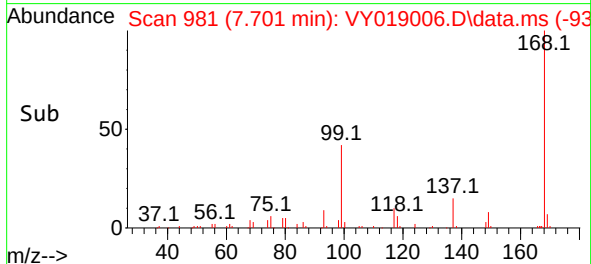
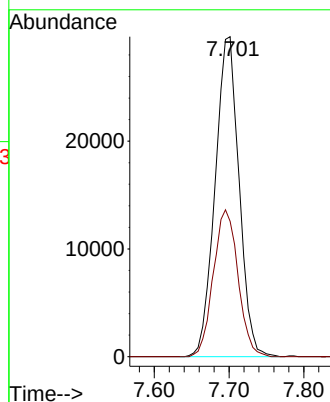
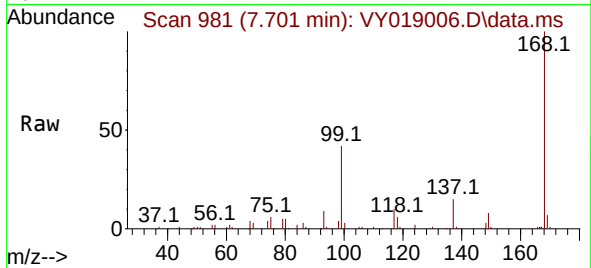




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

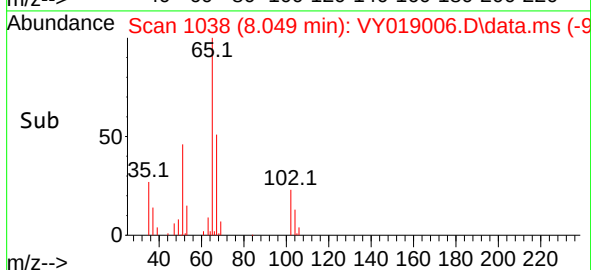
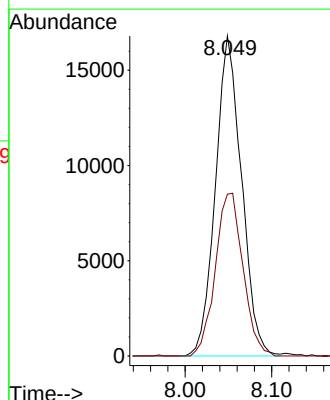
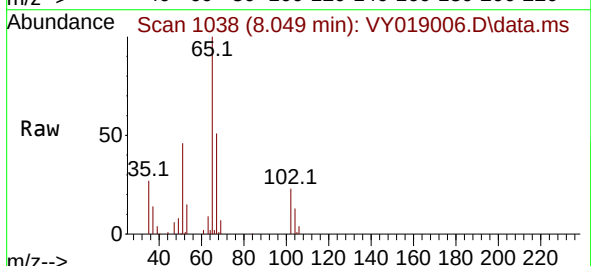
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-05-080624

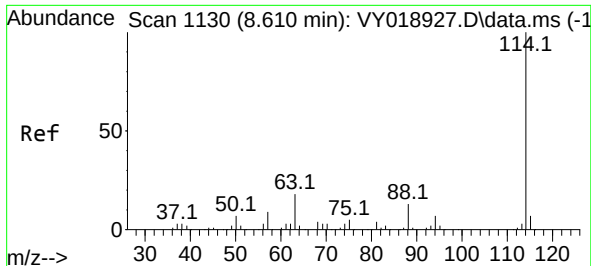
Tgt Ion:168 Resp: 66098
Ion Ratio Lower Upper
168 100
99 42.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.593 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

Tgt Ion: 65 Resp: 35164
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-05-080624

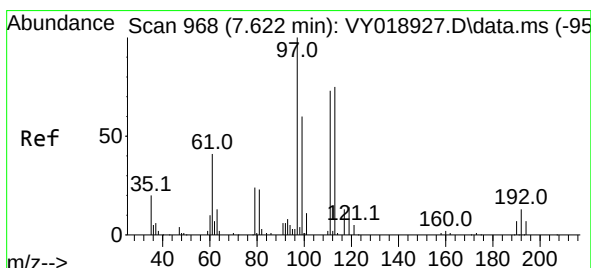
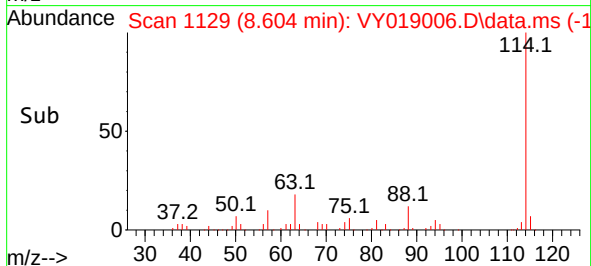
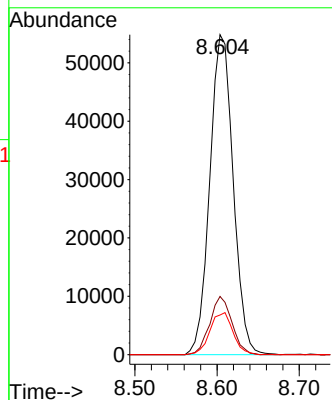
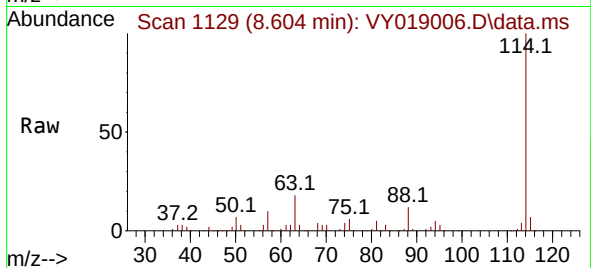
Tgt Ion:114 Resp: 108348

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 12.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.222 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

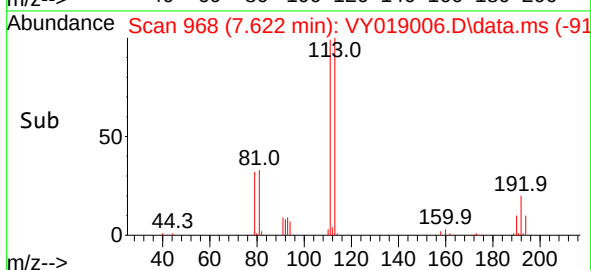
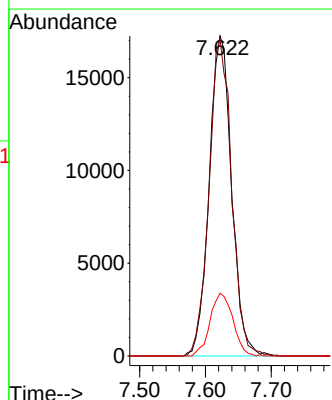
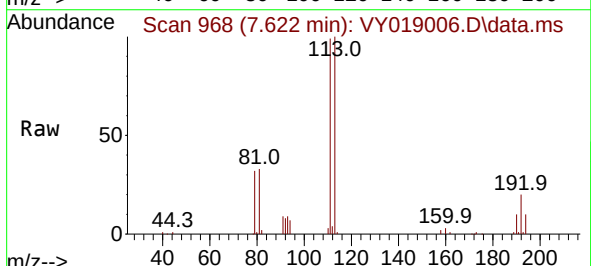
Tgt Ion:113 Resp: 40982

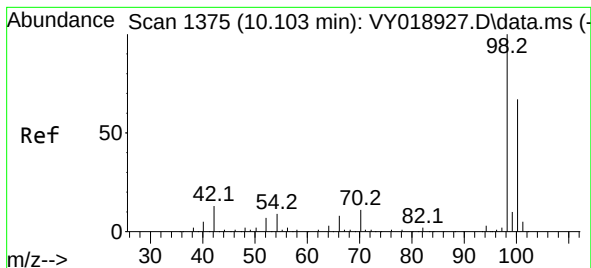
Ion Ratio Lower Upper

113 100

111 99.4 82.2 123.4

192 19.9 15.9 23.9





#50

Toluene-d8

Concen: 56.173 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

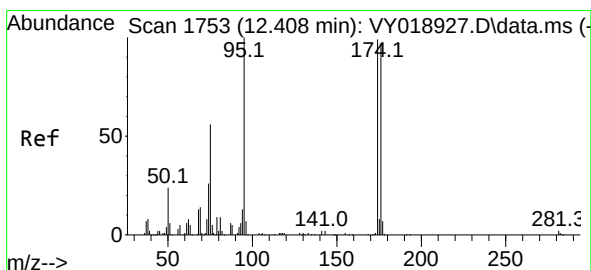
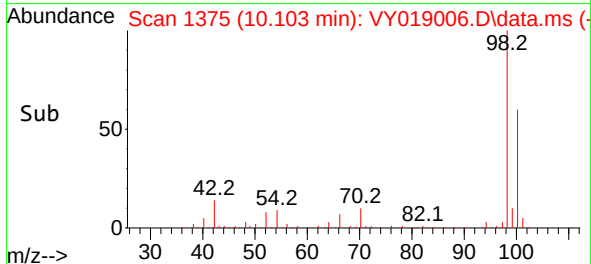
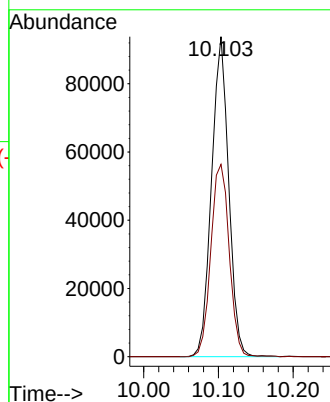
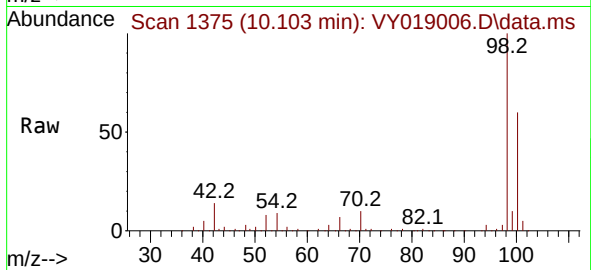
OU4-CF-05-080624

Tgt Ion: 98 Resp: 149310

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.229 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

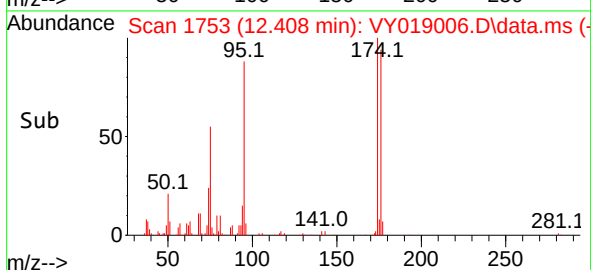
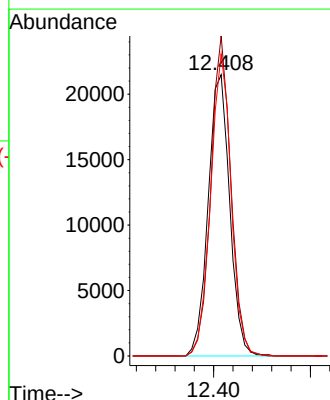
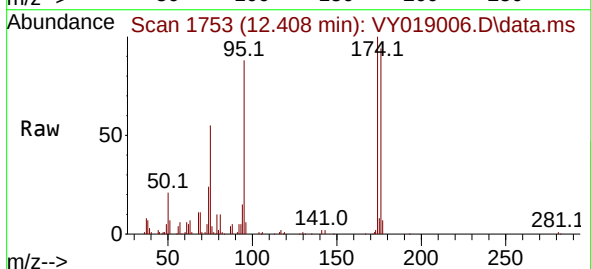
Tgt Ion: 95 Resp: 33301

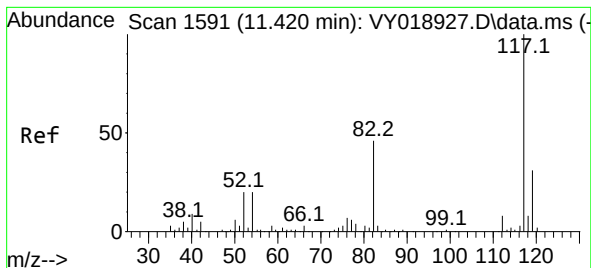
Ion Ratio Lower Upper

95 100

174 105.8 0.0 175.6

176 102.1 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: VY019006.D

Acq: 12 Aug 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-05-080624

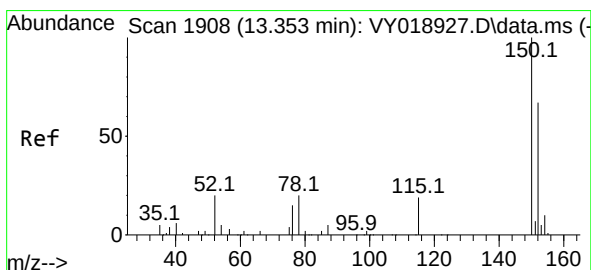
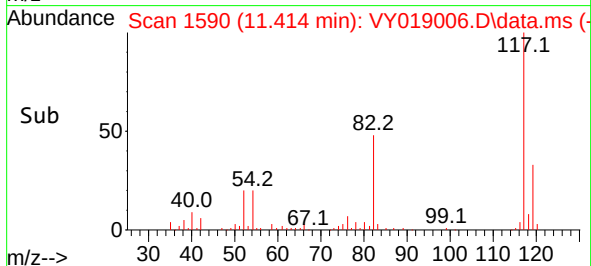
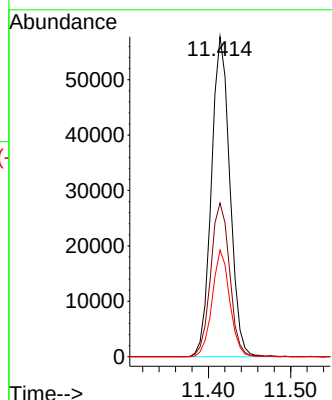
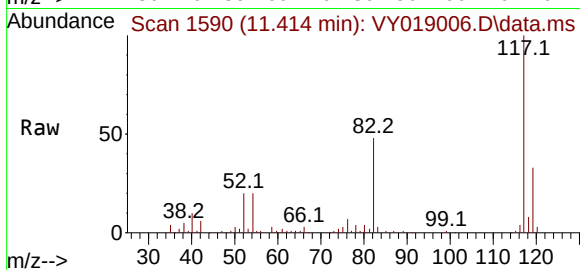
Tgt Ion:117 Resp: 90142

Ion Ratio Lower Upper

117 100

82 48.0 42.4 63.6

119 33.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

Tgt Ion:152 Resp: 31145

Ion Ratio Lower Upper

152 100

115 52.1 28.2 84.7

150 158.7 0.0 345.6

