

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019114.D
 Acq On : 19 Aug 2024 14:01
 Operator : SY/MD
 Sample : P3615-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-081424

Quant Time: Aug 19 15:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	22674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	33409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	8652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	8648	38.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.100%
35) Dibromofluoromethane	7.628	113	10264	46.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.103	98	35735	45.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.402	95	9217	34.394	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.780%

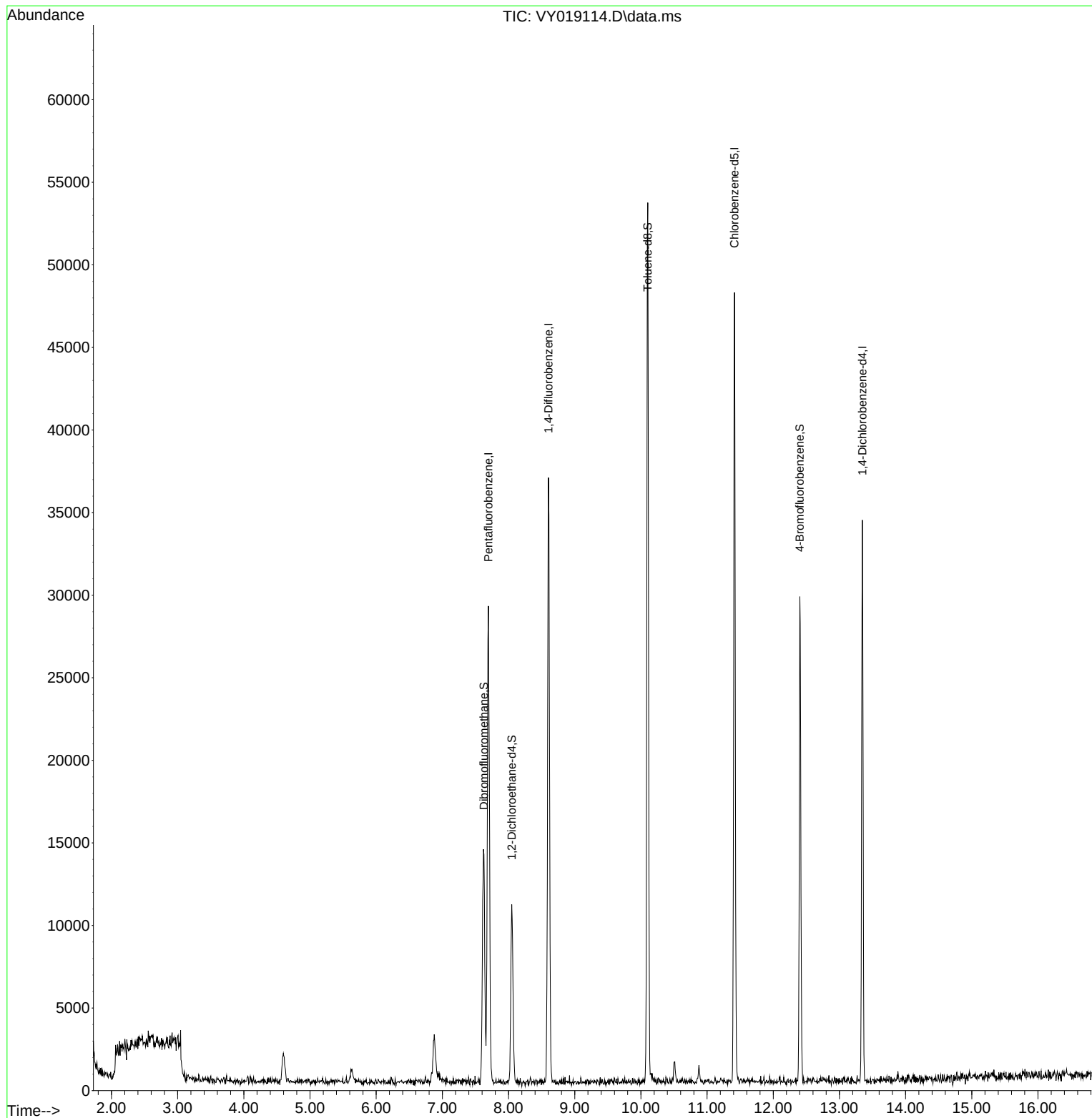
Target Compounds	Qvalue

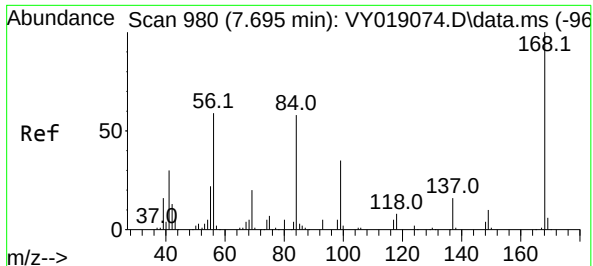
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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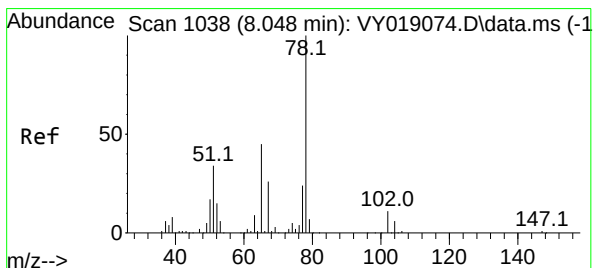
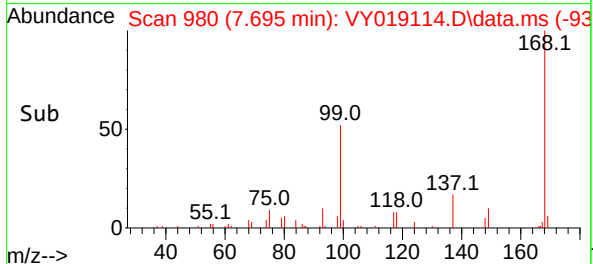
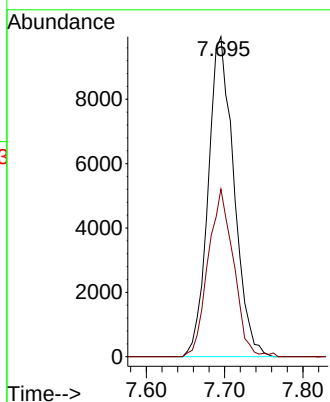
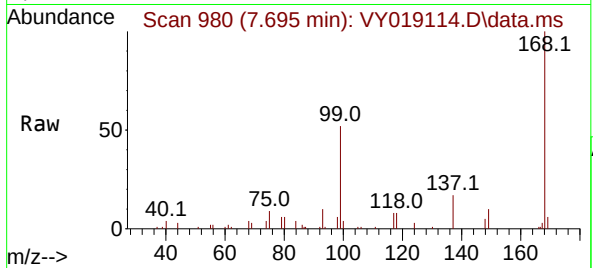




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

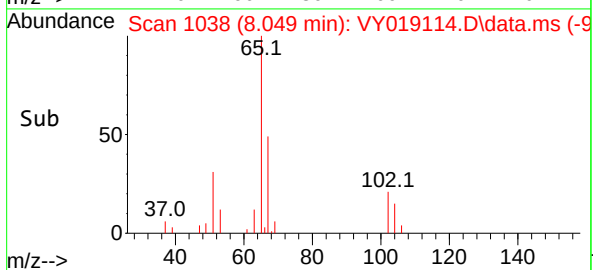
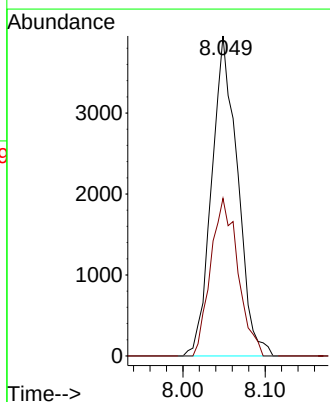
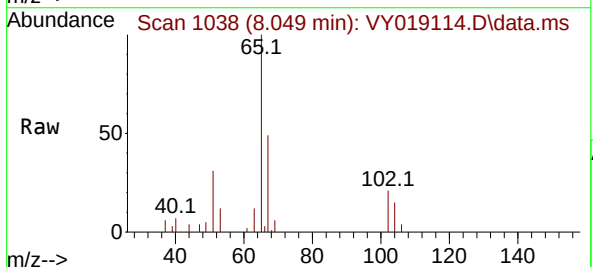
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-081424

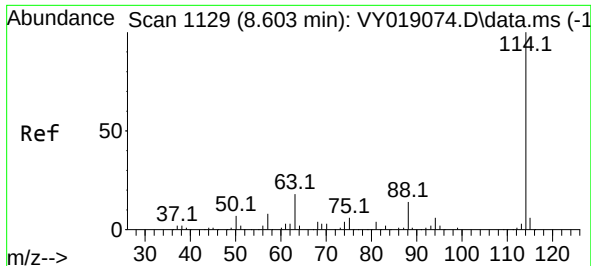
Tgt Ion:168 Resp: 22674
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.048 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Tgt Ion: 65 Resp: 8648
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-081424

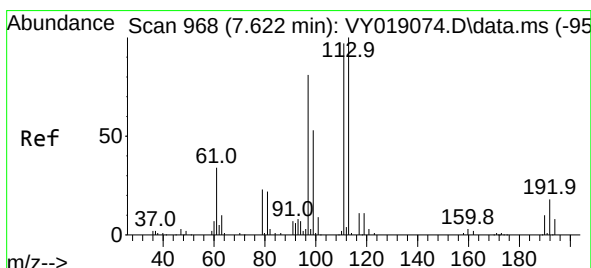
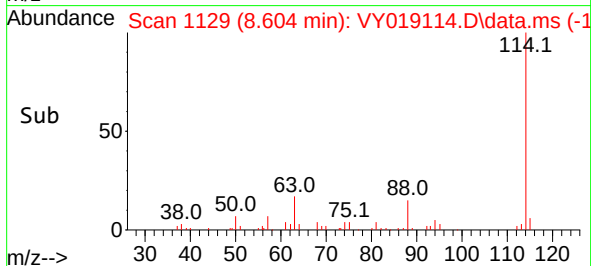
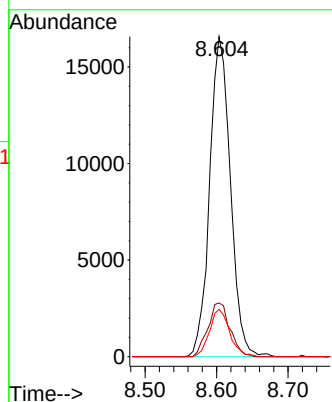
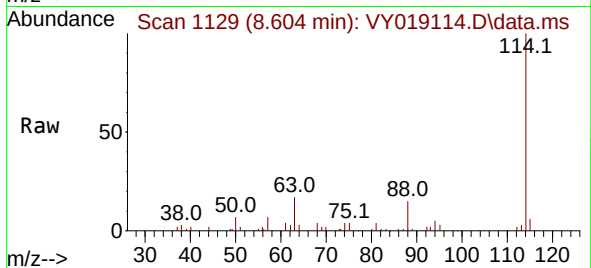
Tgt Ion:114 Resp: 33409

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.986 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

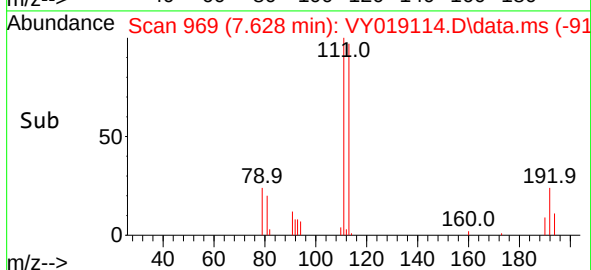
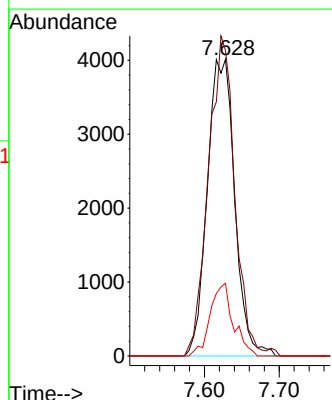
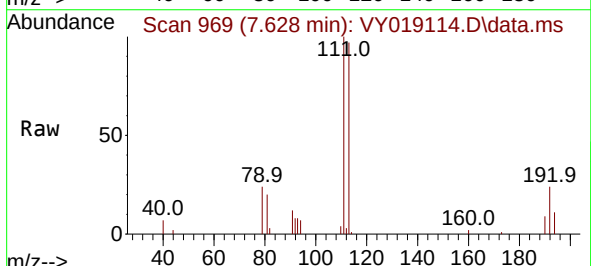
Tgt Ion:113 Resp: 10264

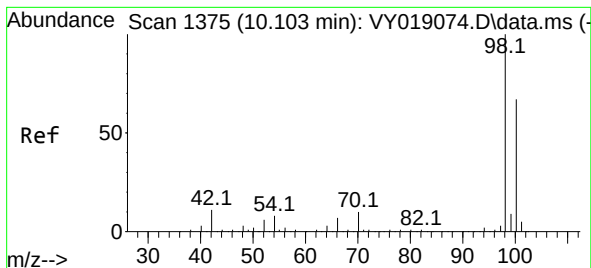
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 20.6 15.9 23.9





#50

Toluene-d8

Concen: 45.458 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

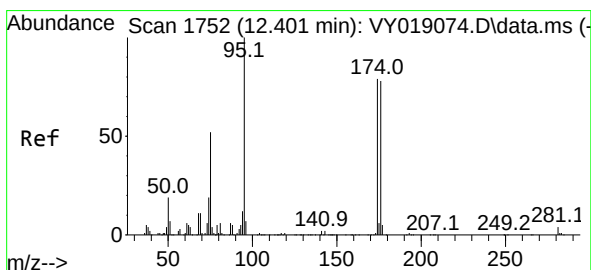
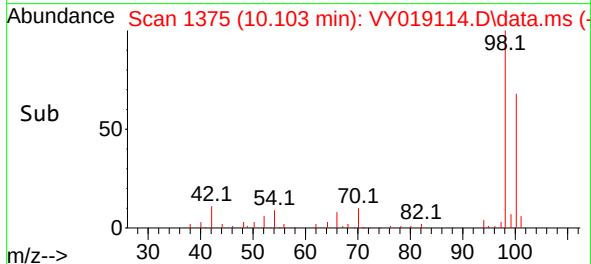
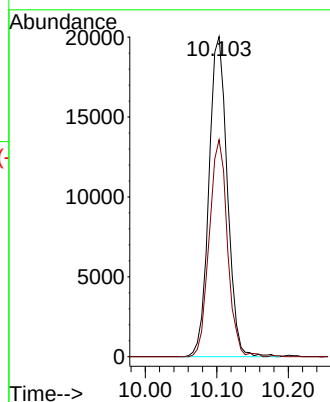
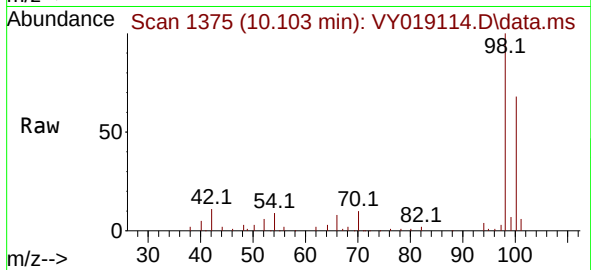
HR-04-081424

Tgt Ion: 98 Resp: 35735

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.394 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

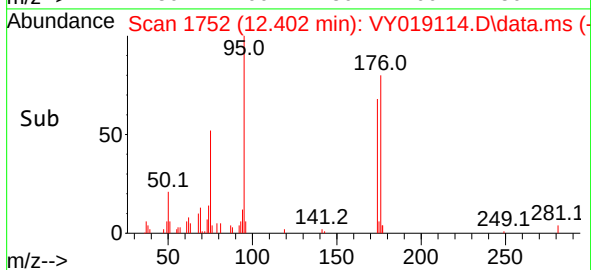
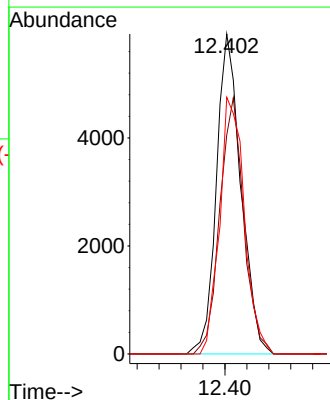
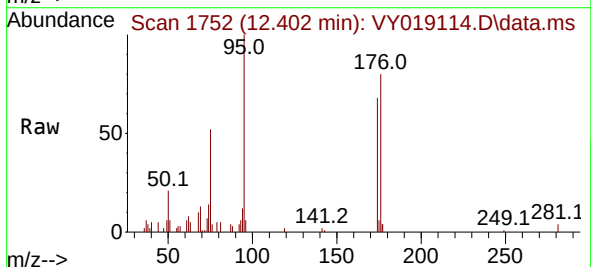
Tgt Ion: 95 Resp: 9217

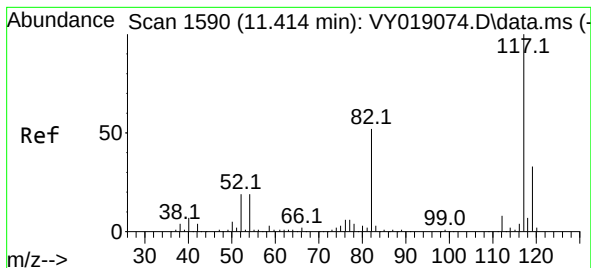
Ion Ratio Lower Upper

95 100

174 78.4 0.0 175.6

176 80.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-081424

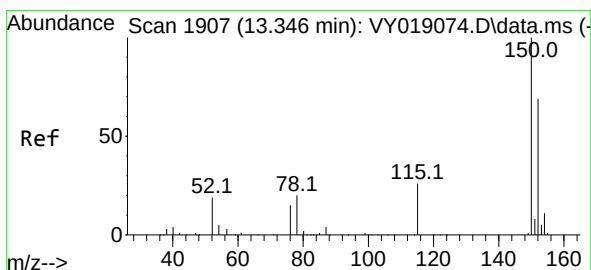
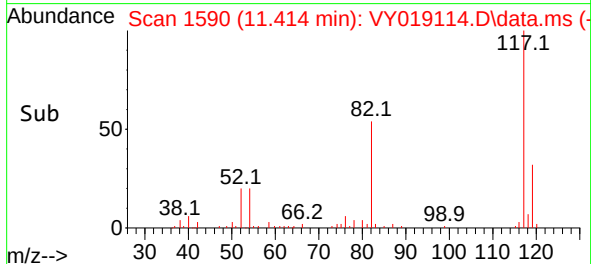
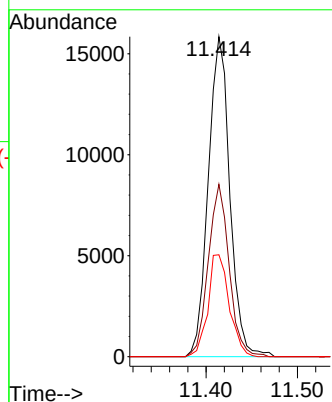
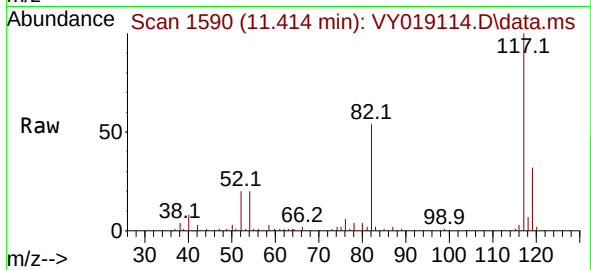
Tgt Ion:117 Resp: 26041

Ion Ratio Lower Upper

117 100

82 53.9 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

Tgt Ion:152 Resp: 8652

Ion Ratio Lower Upper

152 100

115 52.8 28.2 84.7

150 149.1 0.0 345.6

