

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017038.D
 Acq On : 18 Jan 2024 14:33
 Operator : SY/MD
 Sample : P1169-03
 Misc : 1.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRAB

Quant Time: Jan 19 02:28:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	102898	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	221054	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	206463	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74000	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	44538	43.793	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.580%
35) Dibromofluoromethane	7.746	113	50969	36.183	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.360%
50) Toluene-d8	10.203	98	191445	39.468	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.940%
62) 4-Bromofluorobenzene	12.508	95	57885	35.370	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.740%

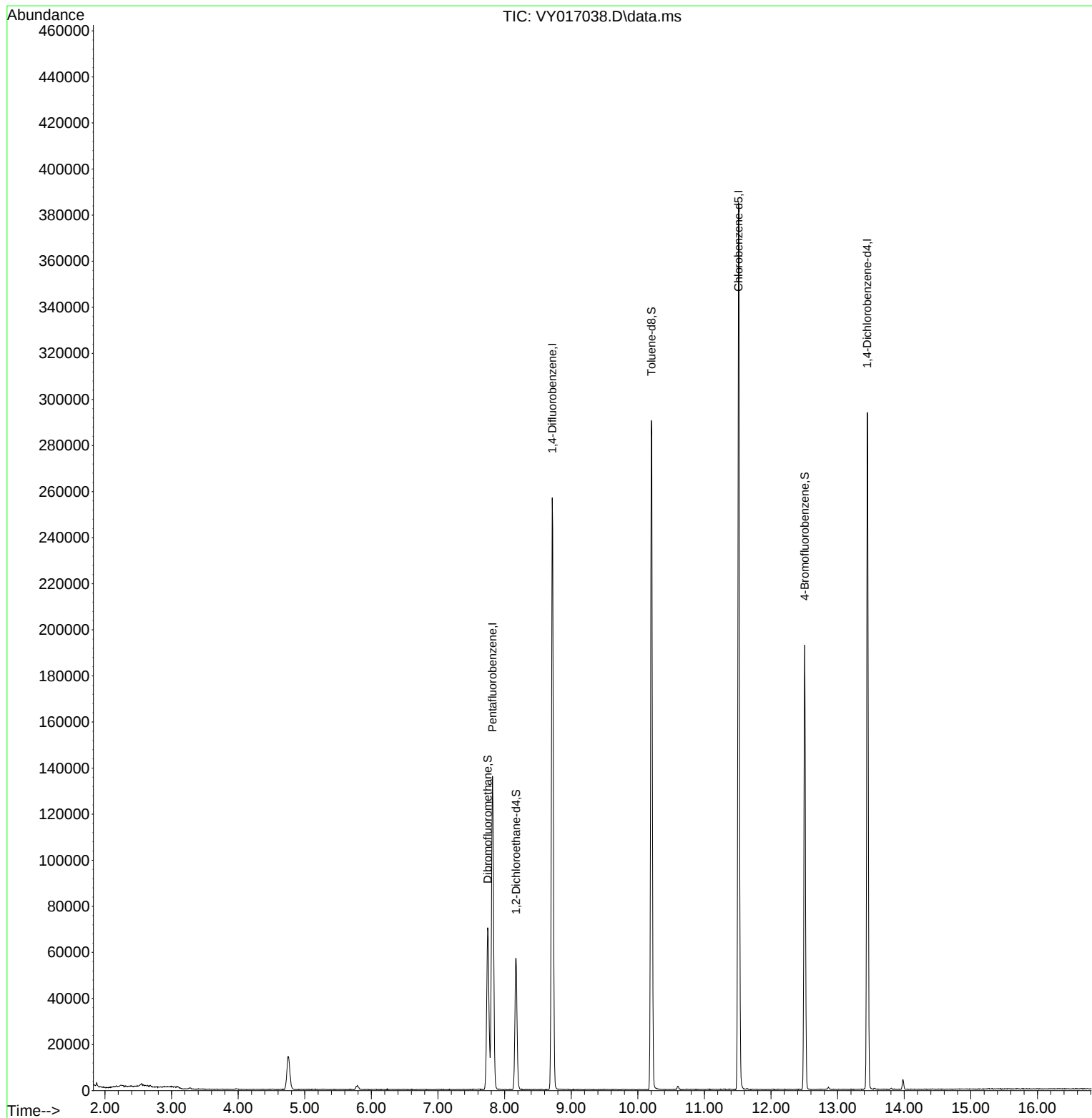
Target Compounds	Qvalue

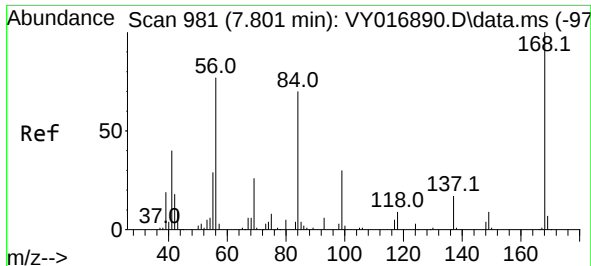
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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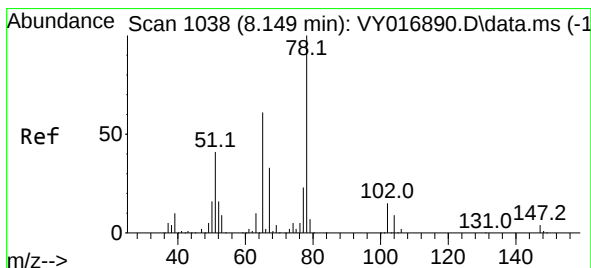
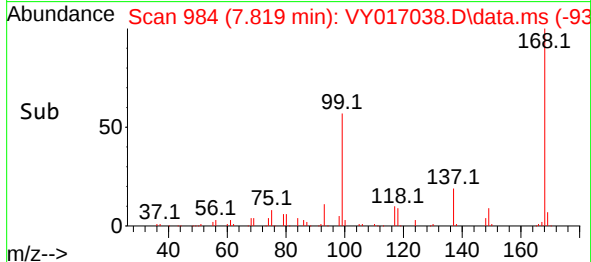
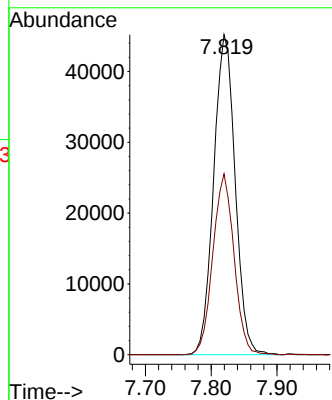
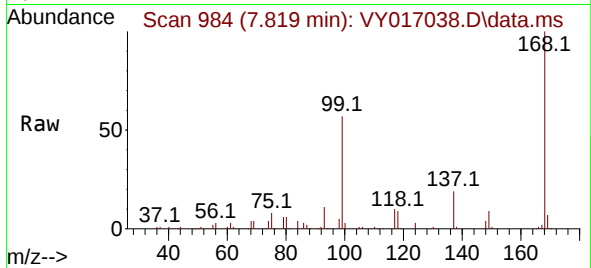




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

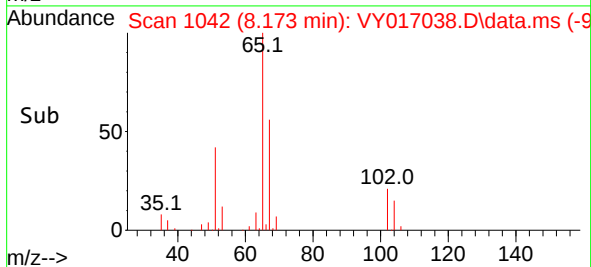
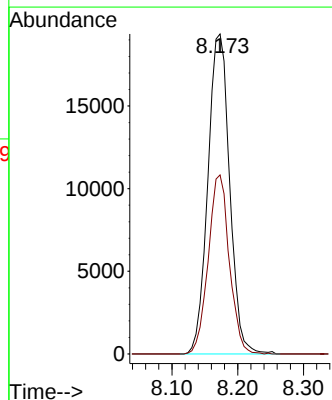
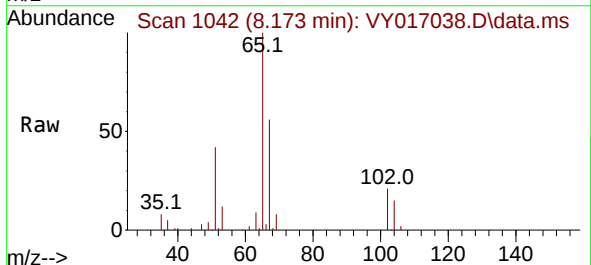
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

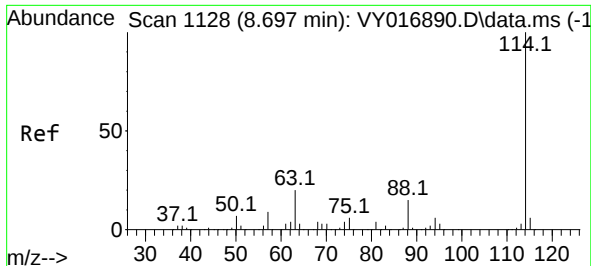
Tgt Ion:168 Resp: 102898
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 43.793 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Tgt Ion: 65 Resp: 44538
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRAB

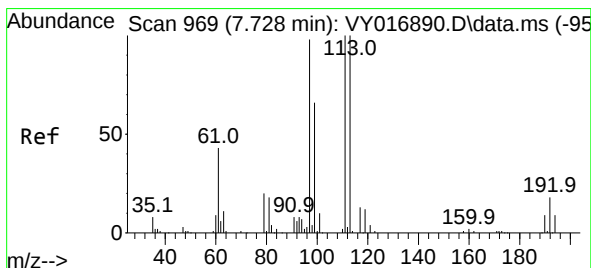
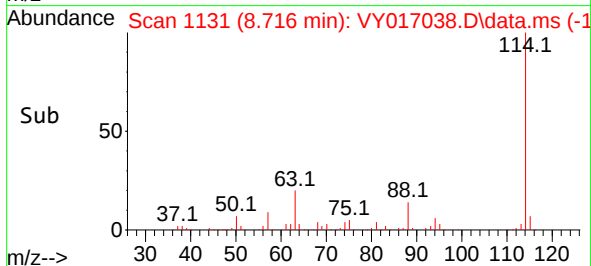
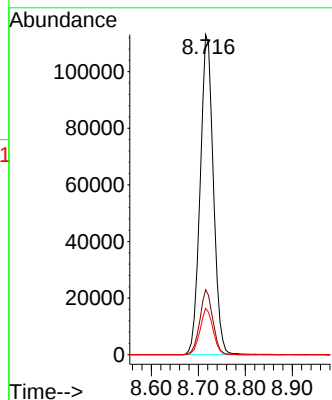
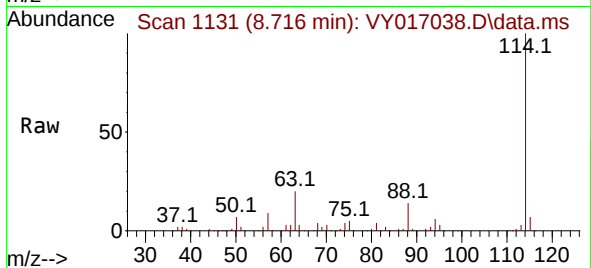
Tgt Ion:114 Resp: 221054

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.183 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

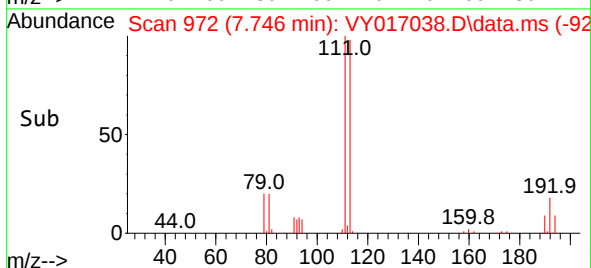
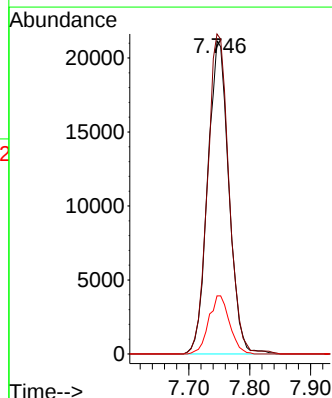
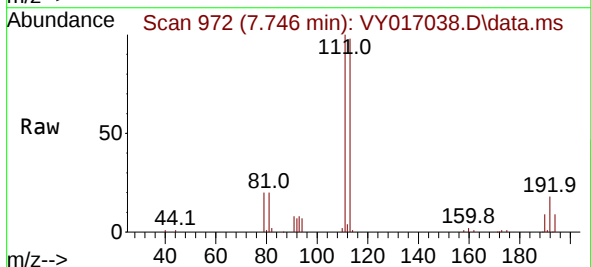
Tgt Ion:113 Resp: 50969

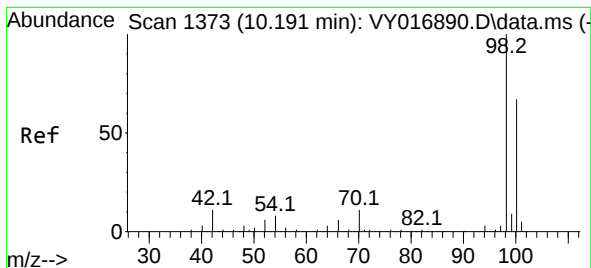
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.2 14.5 21.7





#50

Toluene-d8

Concen: 39.468 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

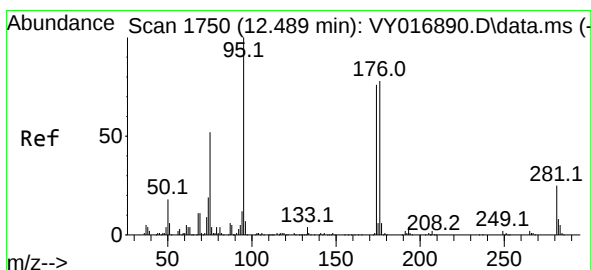
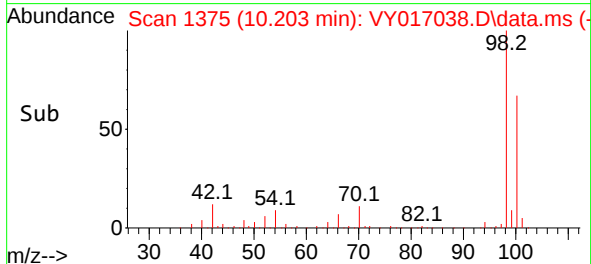
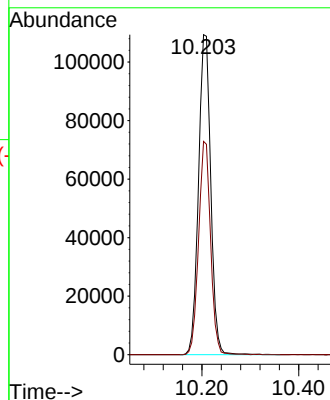
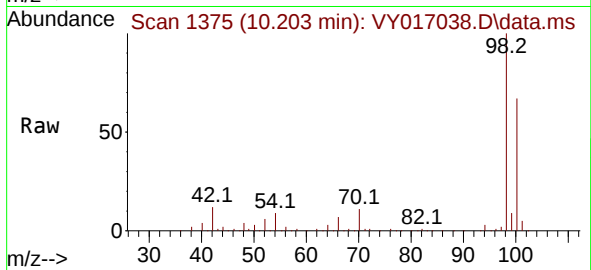
WC-A-GRAB

Tgt Ion: 98 Resp: 191445

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.370 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

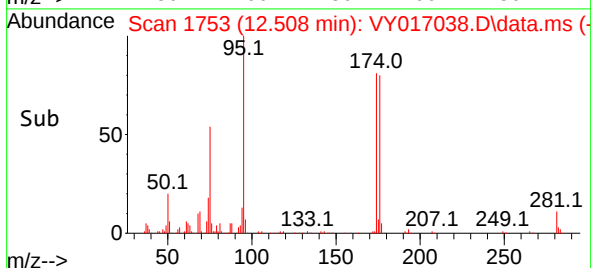
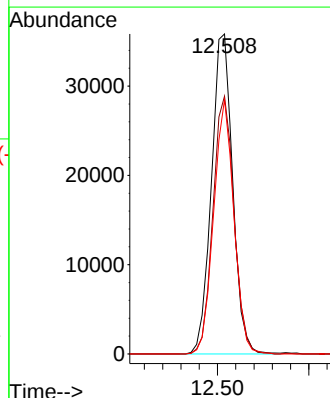
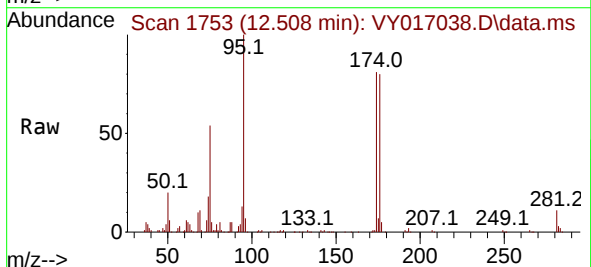
Tgt Ion: 95 Resp: 57885

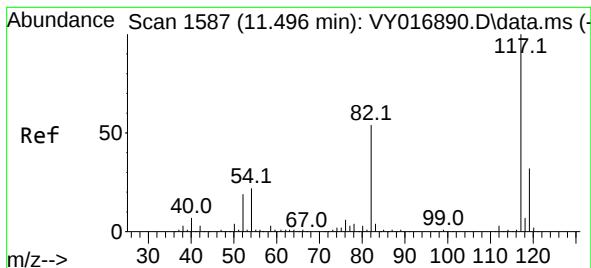
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.0

176 75.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRAB

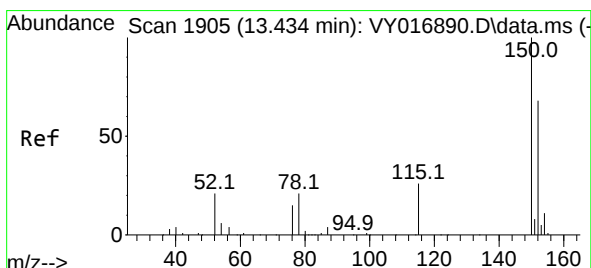
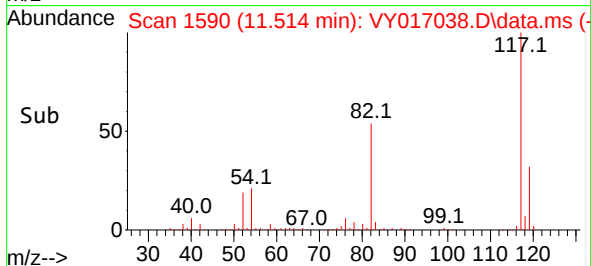
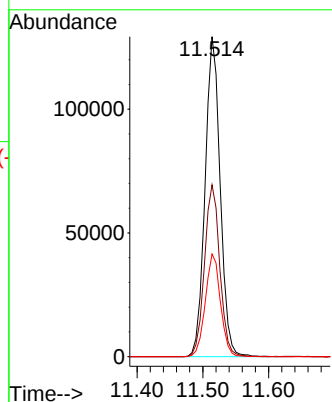
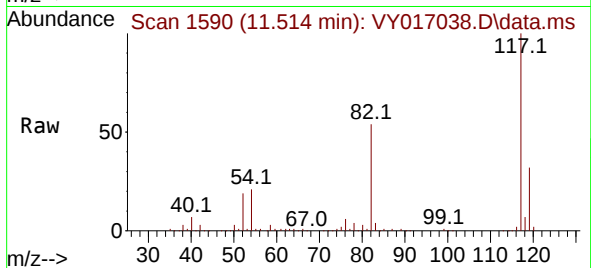
Tgt Ion:117 Resp: 206463

Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

Tgt Ion:152 Resp: 74000

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.7 0.0 344.6

