

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017030.D
 Acq On : 18 Jan 2024 11:03
 Operator : SY/MD
 Sample : VY0118SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBL01

Quant Time: Jan 19 02:24:50 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	7.826	168	109576	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	234729	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	222419	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	83824	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	53683	49.568	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.758	113	56014	37.448	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.900%
50) Toluene-d8	10.209	98	204488	39.701	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.400%
62) 4-Bromofluorobenzene	12.508	95	65259	37.553	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.100%

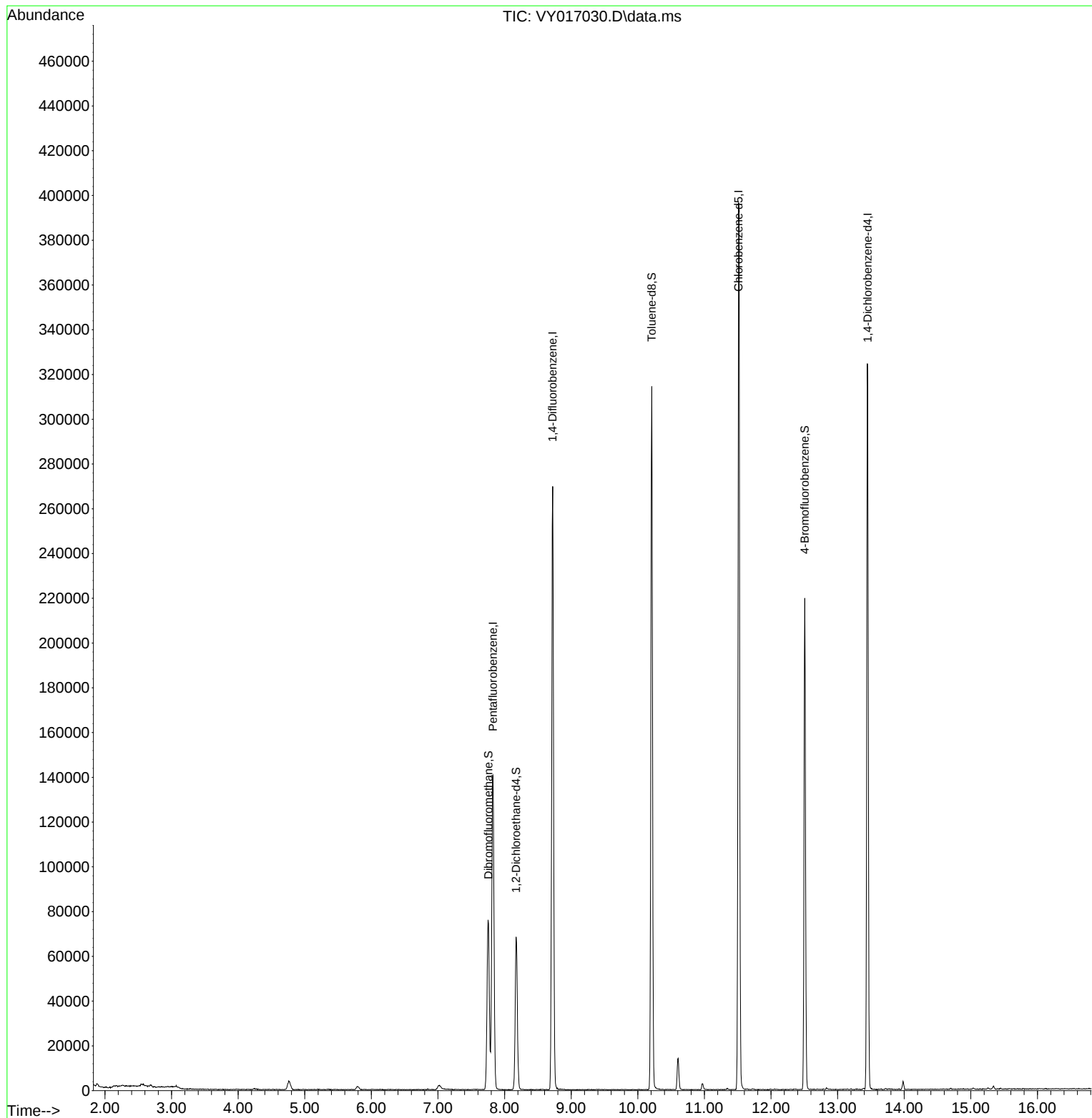
Target Compounds	Qvalue

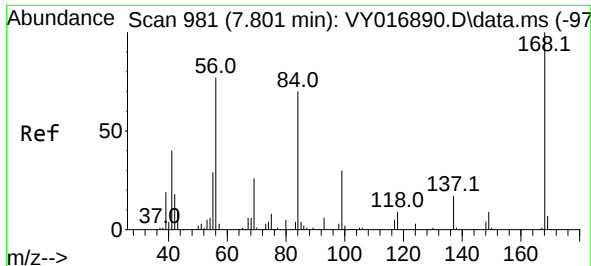
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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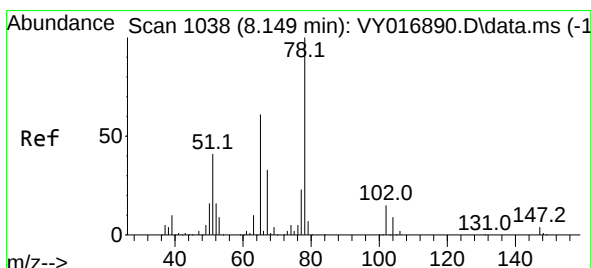
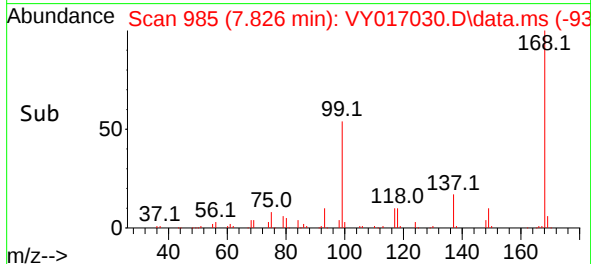
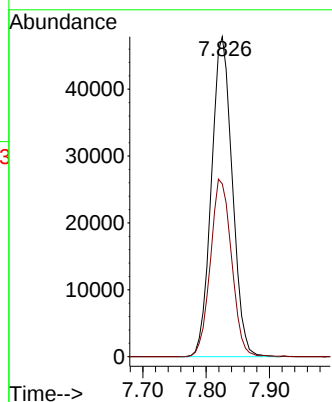
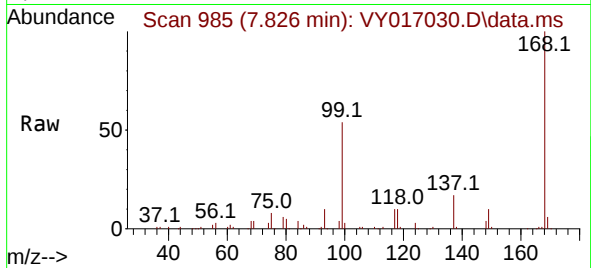




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

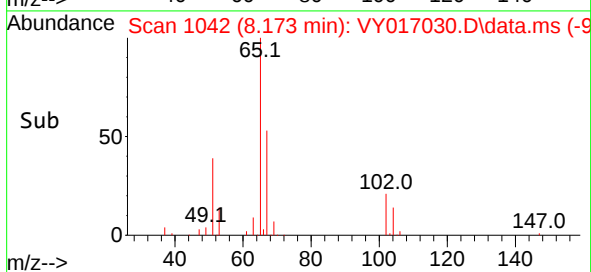
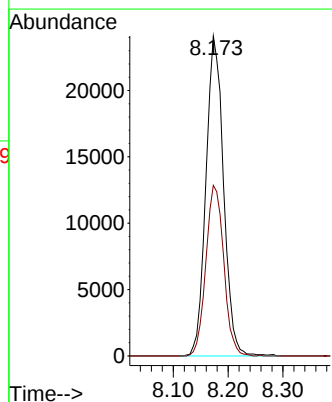
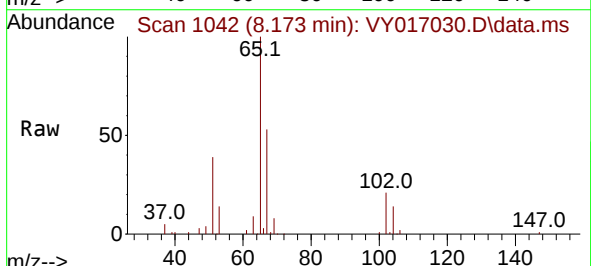
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

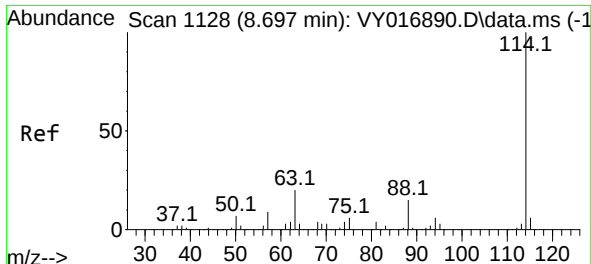
Tgt Ion:168 Resp: 109576
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.568 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

Tgt Ion: 65 Resp: 53683
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017030.D

Acq: 18 Jan 2024 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBL01

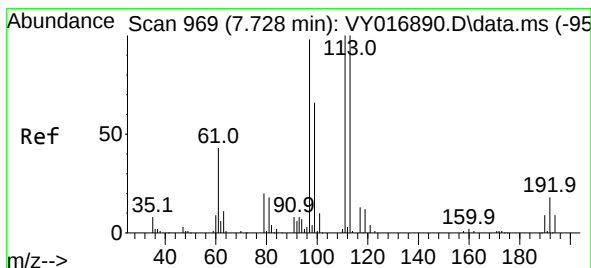
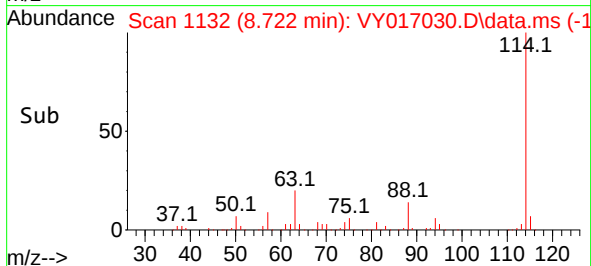
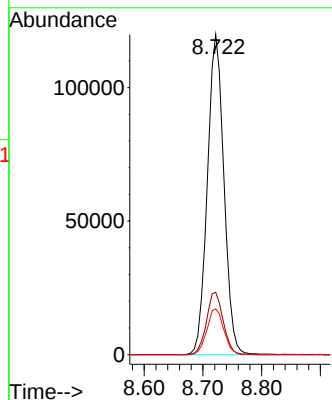
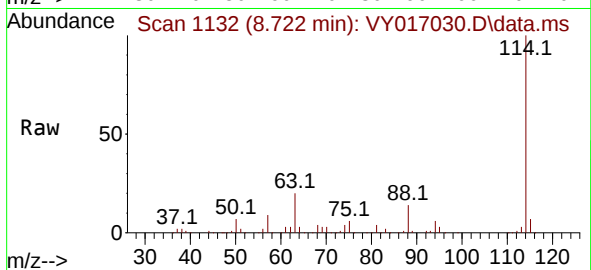
Tgt Ion:114 Resp: 234729

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.448 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017030.D

Acq: 18 Jan 2024 11:03

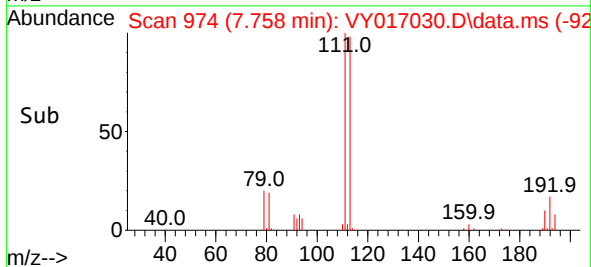
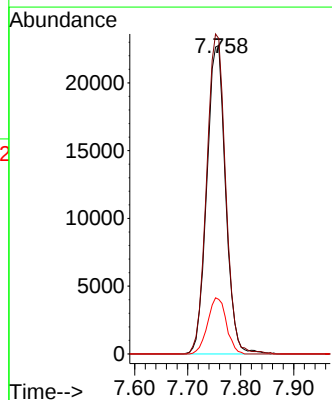
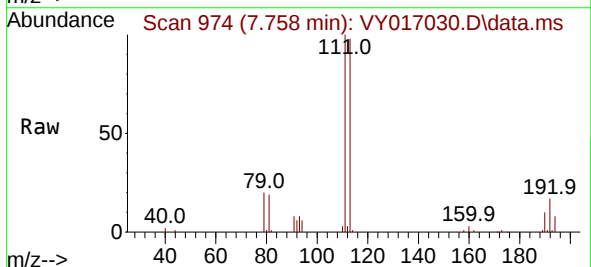
Tgt Ion:113 Resp: 56014

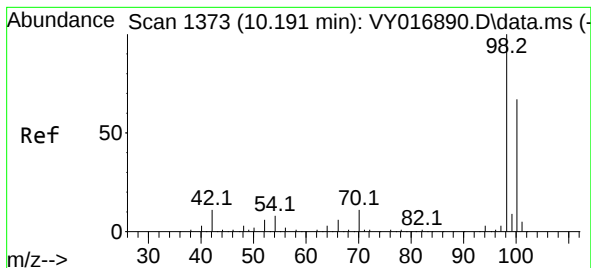
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.1 14.5 21.7





#50

Toluene-d8

Concen: 39.701 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY017030.D

Acq: 18 Jan 2024 11:03

Instrument :

MSVOA_Y

ClientSampleId :

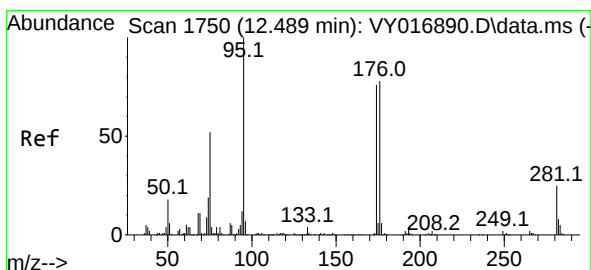
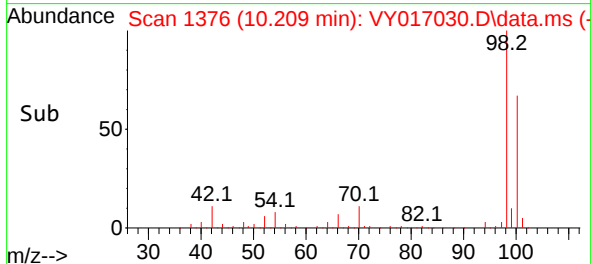
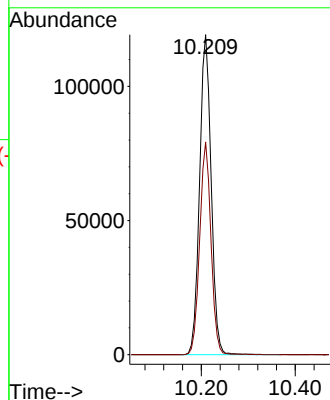
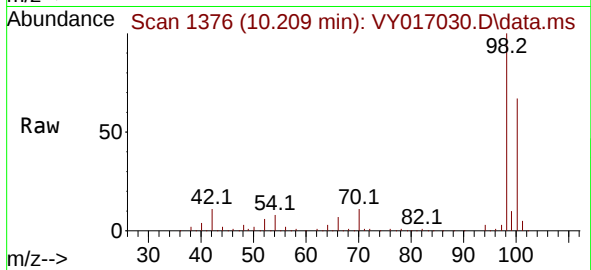
VY0118SBL01

Tgt Ion: 98 Resp: 204488

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.553 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017030.D

Acq: 18 Jan 2024 11:03

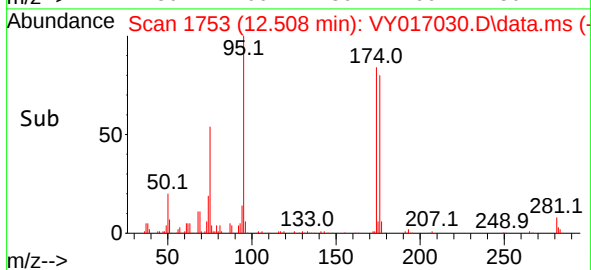
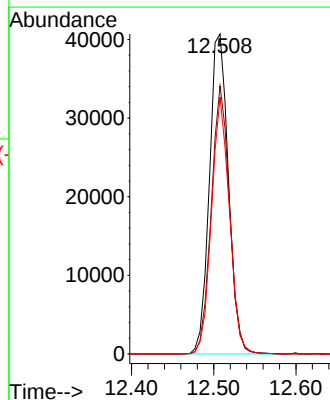
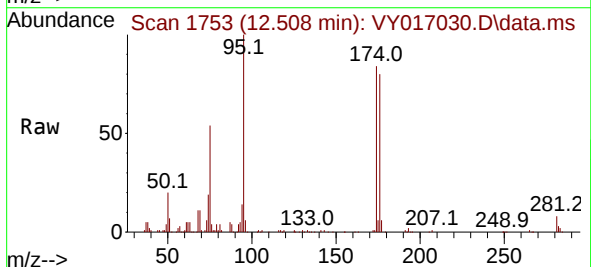
Tgt Ion: 95 Resp: 65259

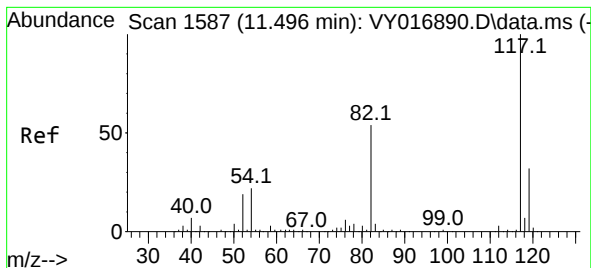
Ion Ratio Lower Upper

95 100

174 80.6 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: VY017030.D

Acq: 18 Jan 2024 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0118SBL01

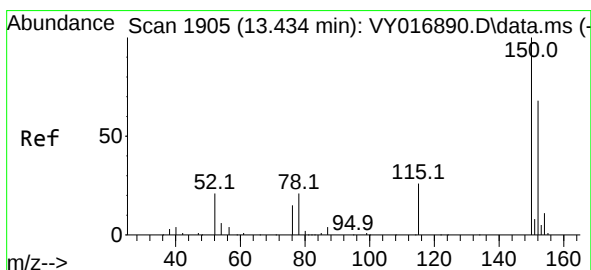
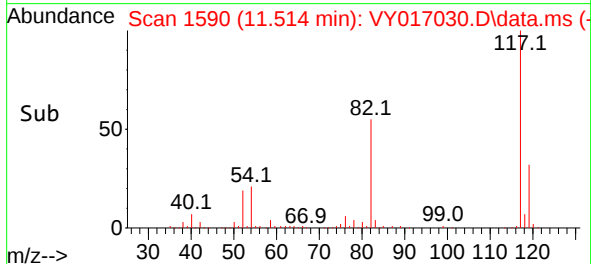
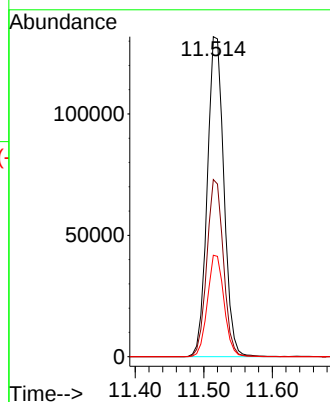
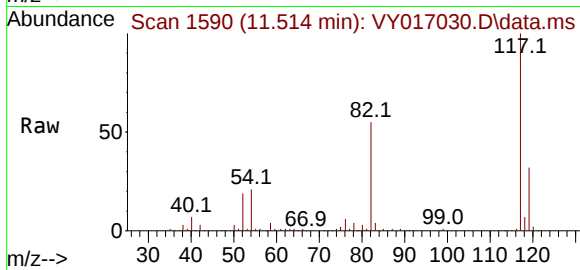
Tgt Ion:117 Resp: 222419

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 31.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017030.D

Acq: 18 Jan 2024 11:03

Tgt Ion:152 Resp: 83824

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 158.0 0.0 344.6

