

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017219.D
 Acq On : 05 Feb 2024 10:42
 Operator : SY/MD
 Sample : VY0205SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

Quant Time: Feb 06 01:11:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	89184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	187751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	187320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	40840	51.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.520%
35) Dibromofluoromethane	7.728	113	45229	44.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.240%
50) Toluene-d8	10.191	98	166782	45.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.380%
62) 4-Bromofluorobenzene	12.495	95	53330	44.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.220%

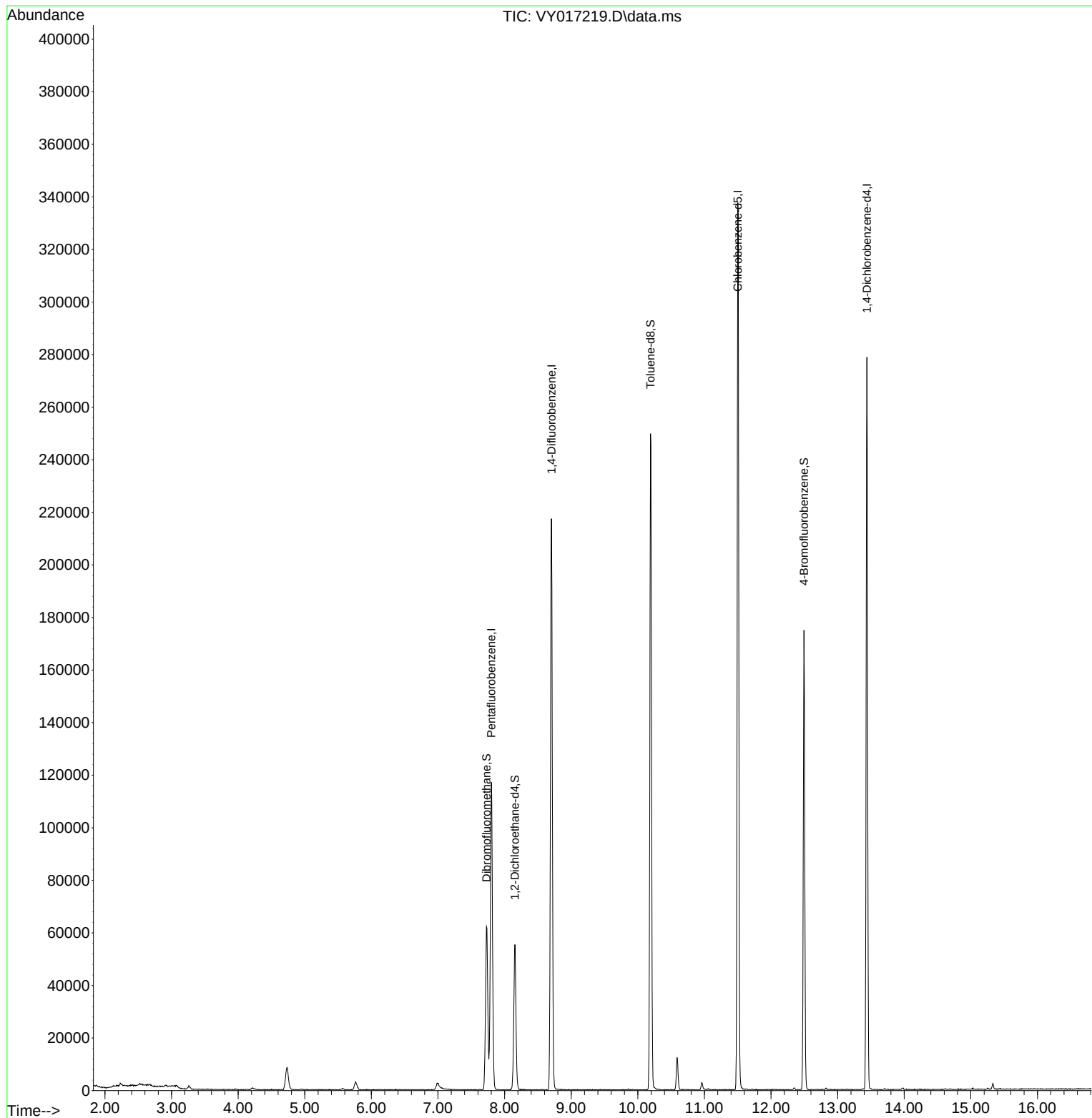
Target Compounds	Qvalue

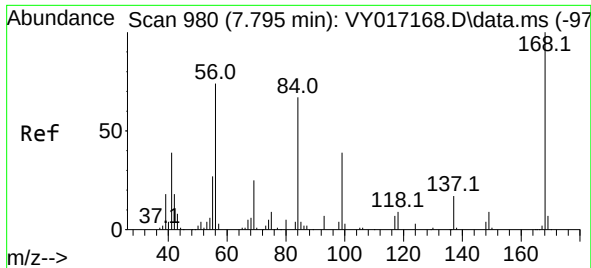
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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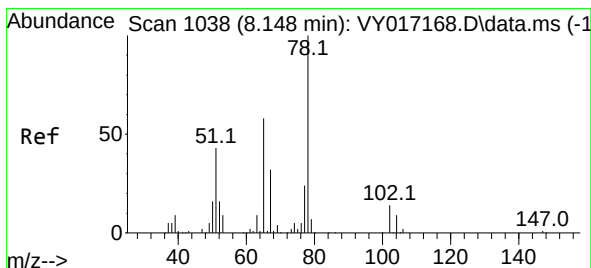
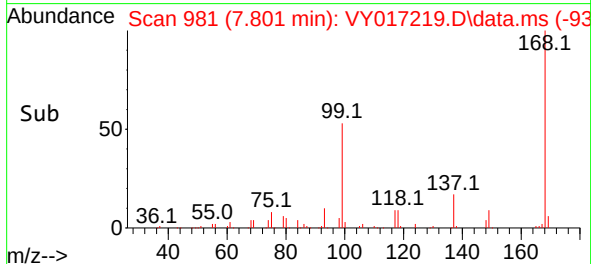
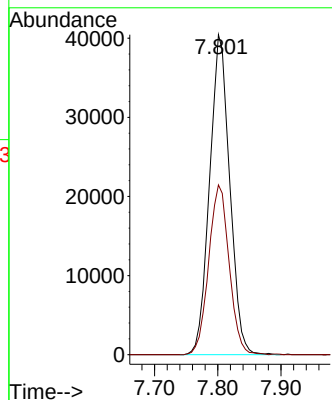
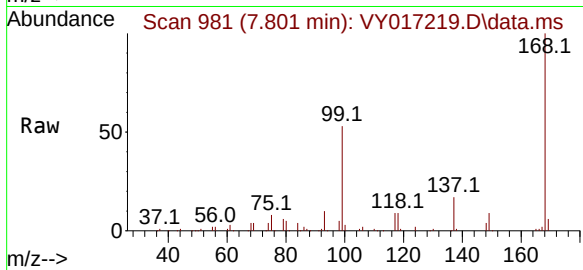




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

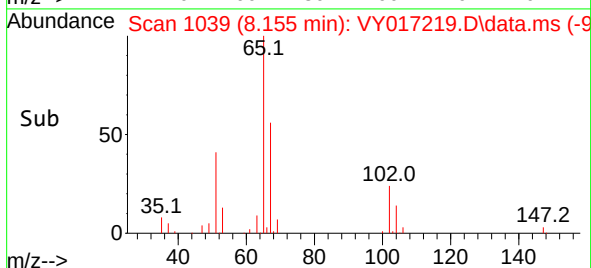
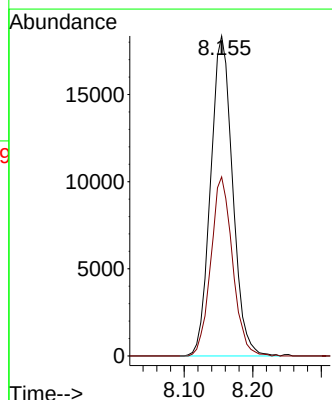
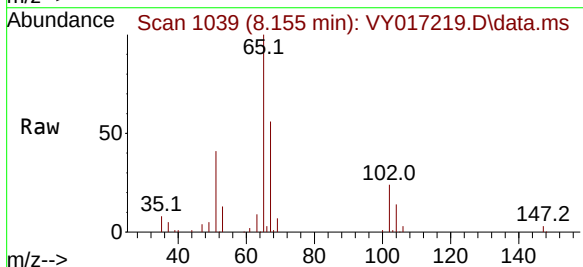
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

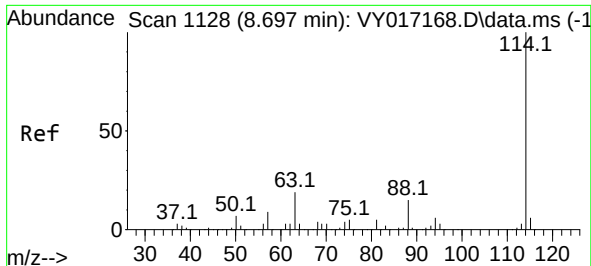
Tgt Ion:168 Resp: 89184
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.260 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017219.D
Acq: 05 Feb 2024 10:42

Tgt Ion: 65 Resp: 40840
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

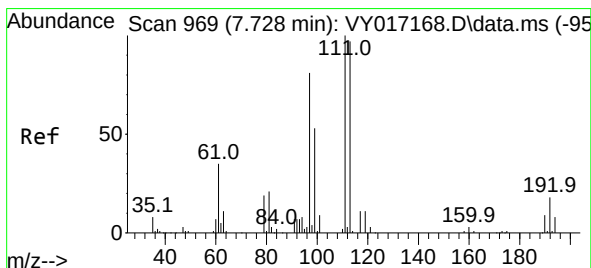
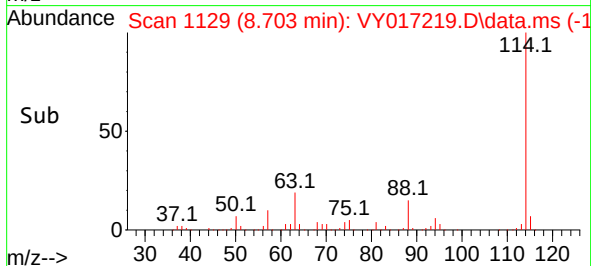
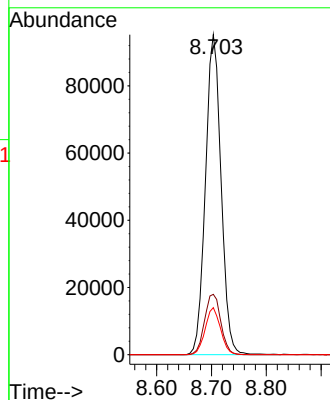
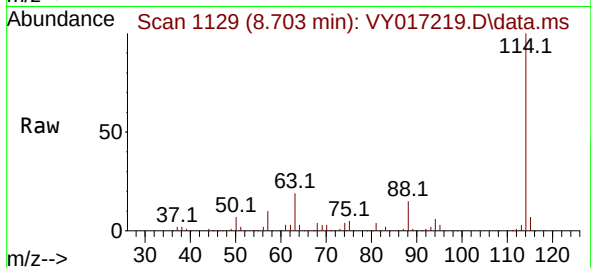
Tgt Ion:114 Resp: 187751

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.616 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

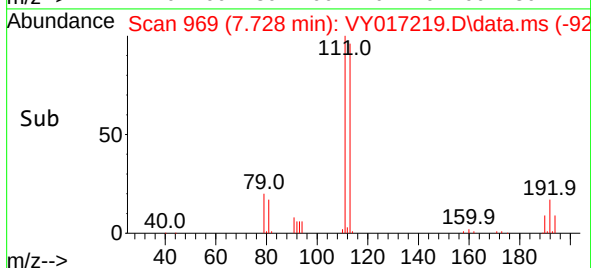
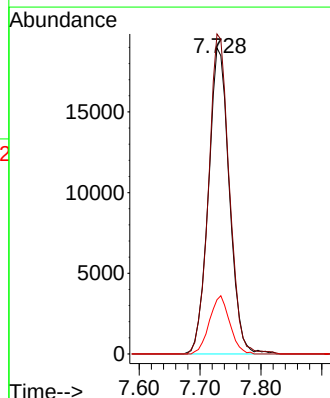
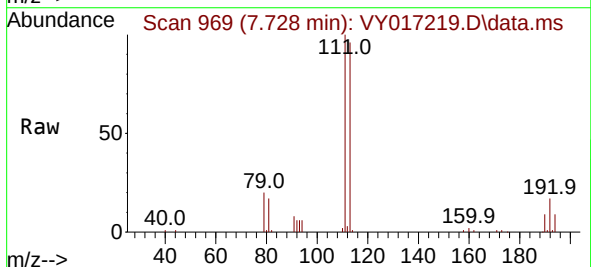
Tgt Ion:113 Resp: 45229

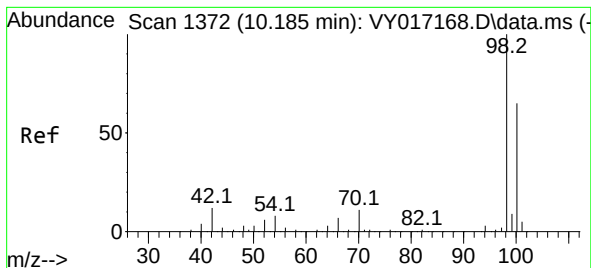
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.4 14.5 21.7





#50

Toluene-d8

Concen: 45.187 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

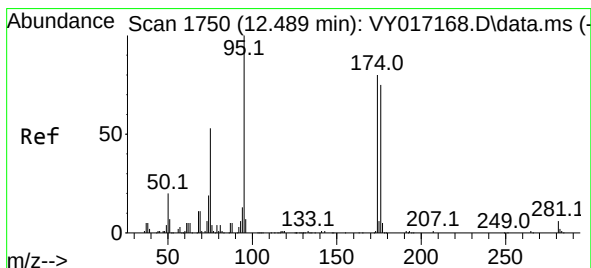
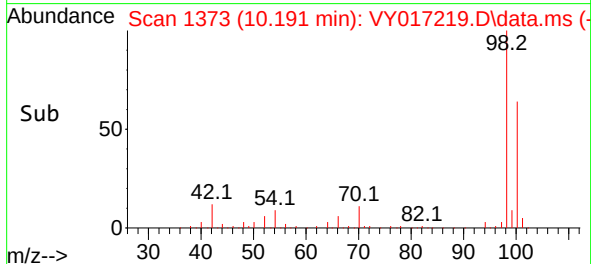
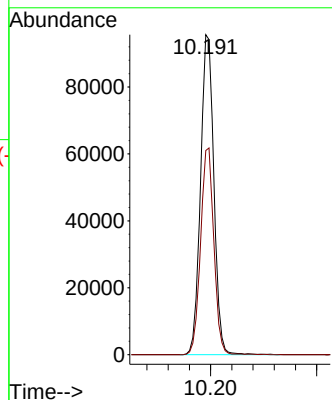
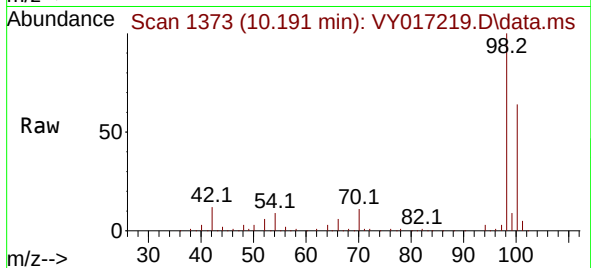
VY0205SBL01

Tgt Ion: 98 Resp: 166782

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.108 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

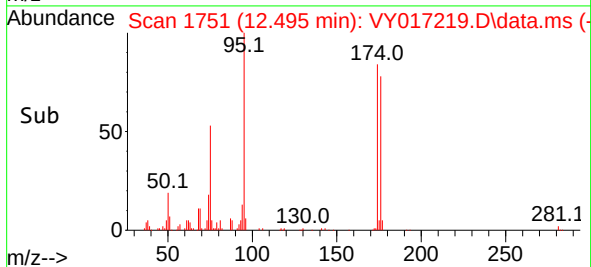
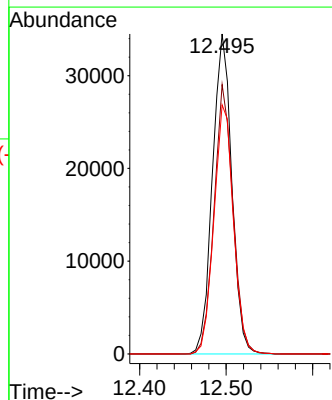
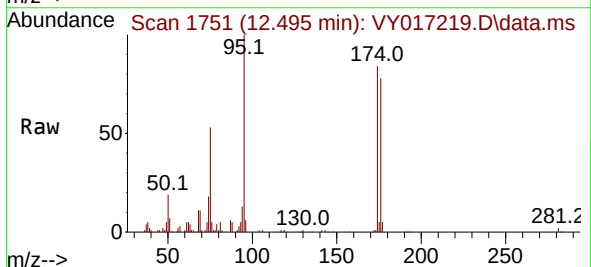
Tgt Ion: 95 Resp: 53330

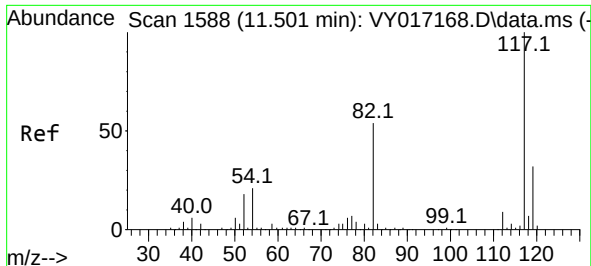
Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.0

176 78.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

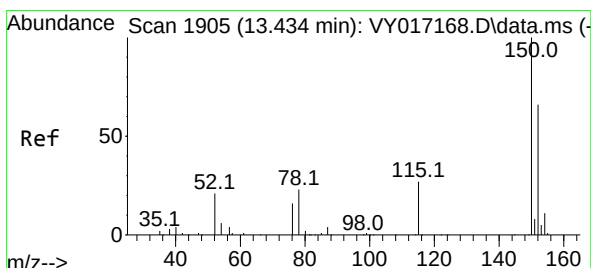
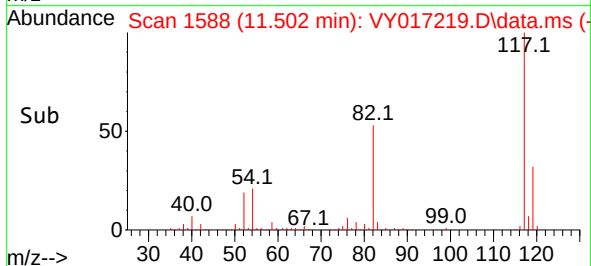
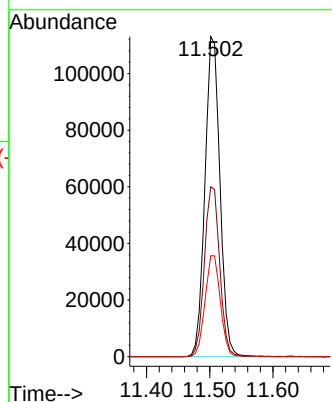
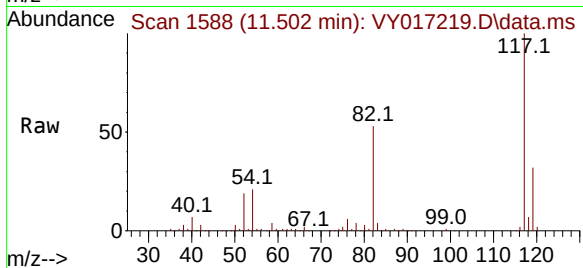
Tgt Ion:117 Resp: 187320

Ion Ratio Lower Upper

117 100

82 53.1 43.8 65.8

119 31.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017219.D

Acq: 05 Feb 2024 10:42

Tgt Ion:152 Resp: 71448

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 157.7 0.0 344.6

