

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017360.D
 Acq On : 12 Feb 2024 17:53
 Operator : SY/MD
 Sample : P1453-07RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-VOCRE

Quant Time: Feb 13 01:29:48 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	7.795	168	44418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	80625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	70400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	23645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21956	55.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.660%
35) Dibromofluoromethane	7.722	113	21053	48.362	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.185	98	69967	44.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.280%
62) 4-Bromofluorobenzene	12.489	95	18344	35.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.660%

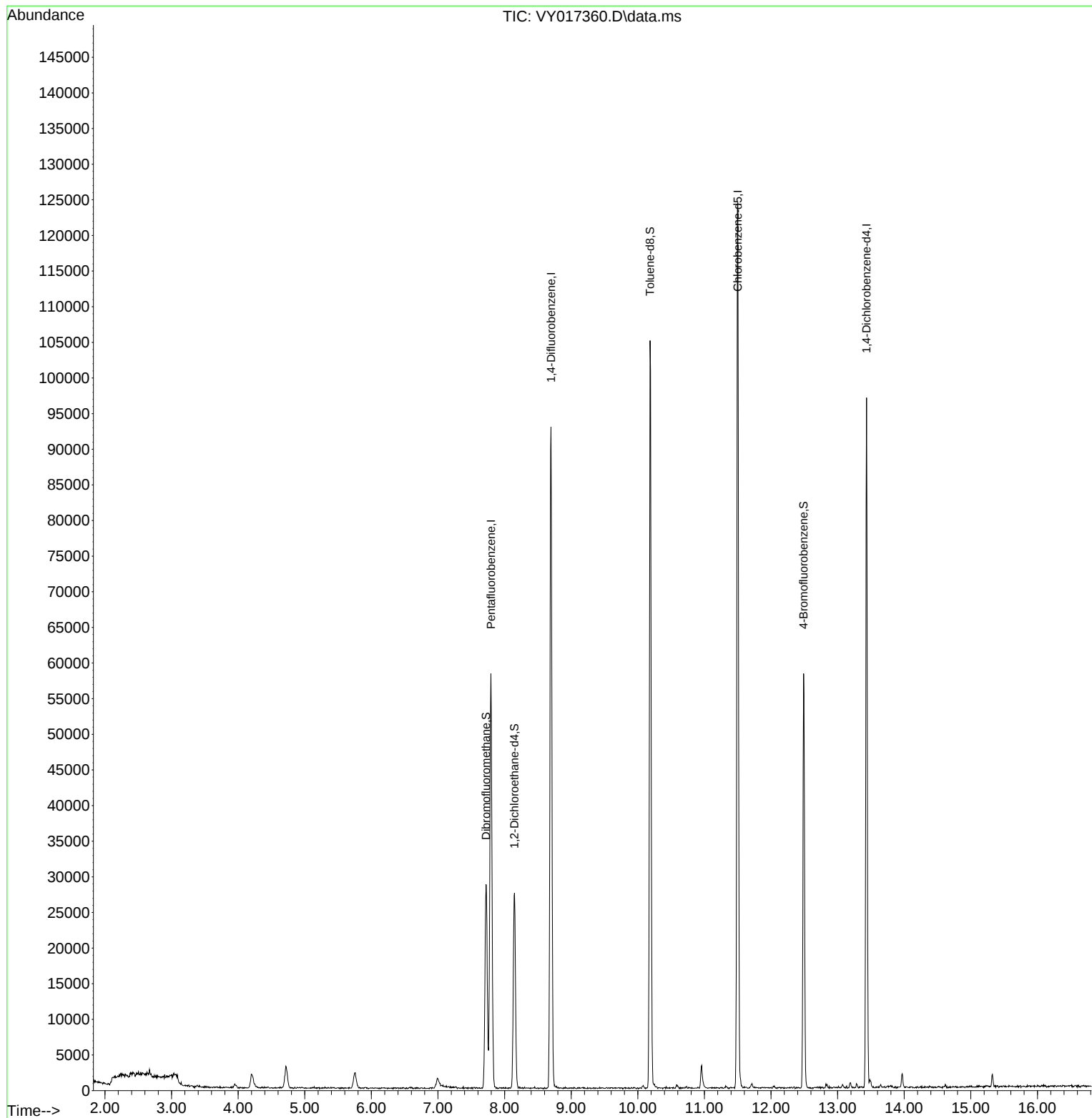
Target Compounds	Qvalue

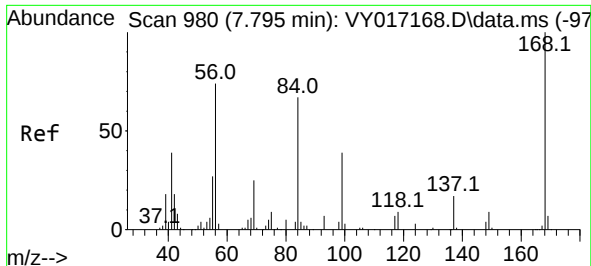
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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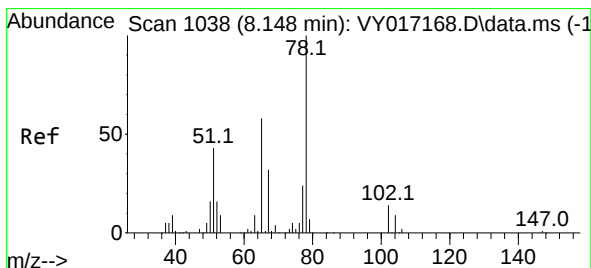
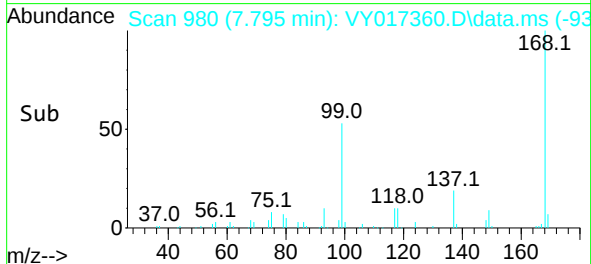
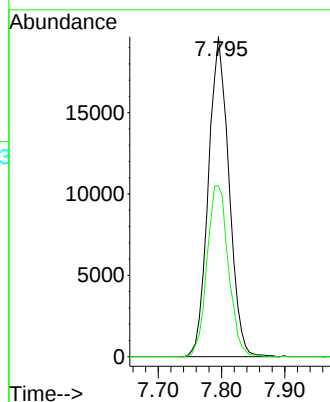
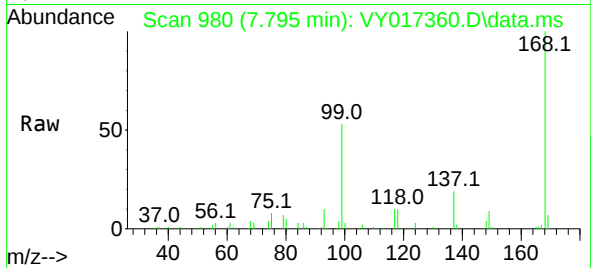




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017360.D
Acq: 12 Feb 2024 17:53

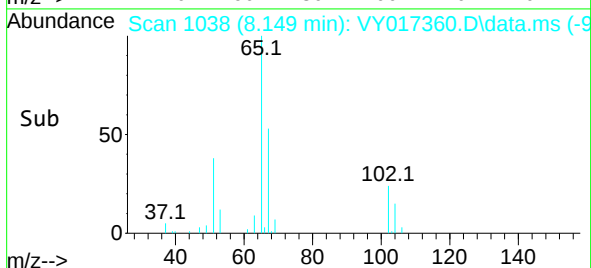
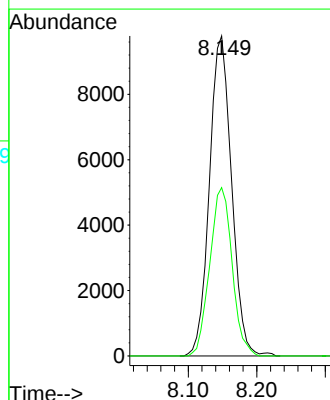
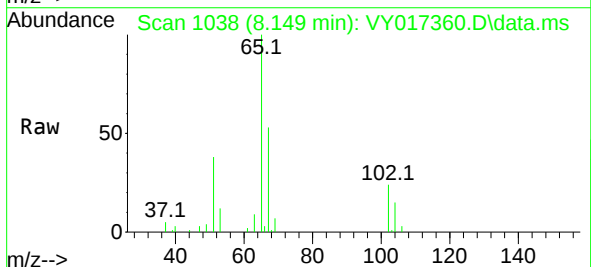
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-VOCRE

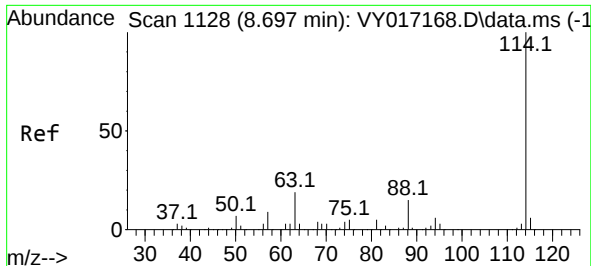
Tgt Ion:168 Resp: 44418
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.332 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017360.D
Acq: 12 Feb 2024 17:53

Tgt Ion: 65 Resp: 21956
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017360.D

Acq: 12 Feb 2024 17:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-VOCRE

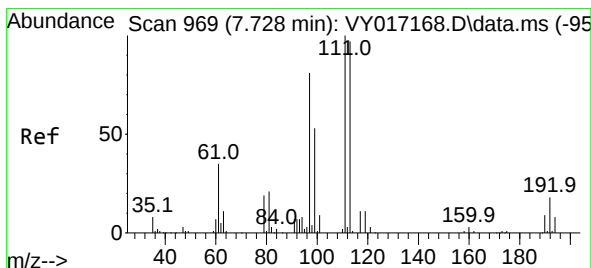
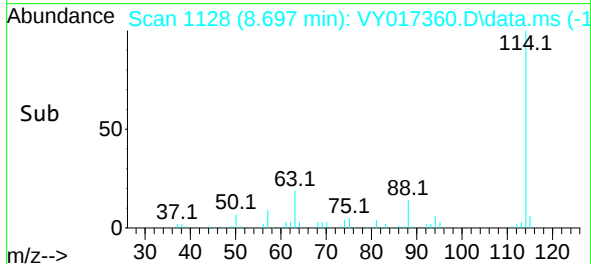
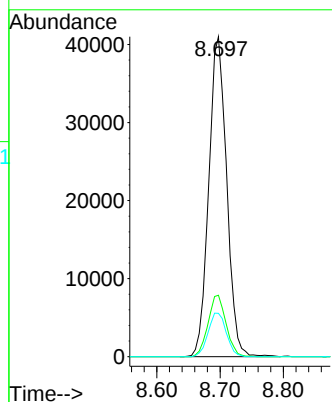
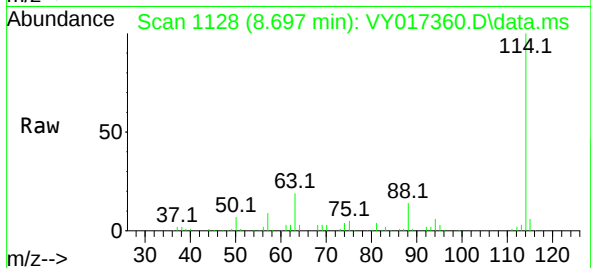
Tgt Ion:114 Resp: 80625

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 13.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.362 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017360.D

Acq: 12 Feb 2024 17:53

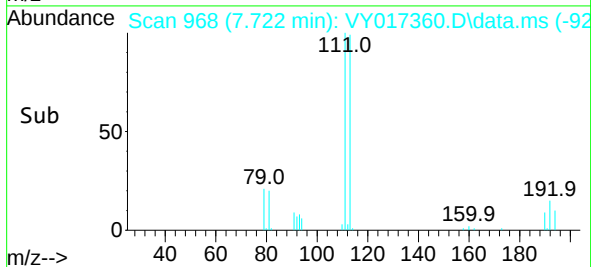
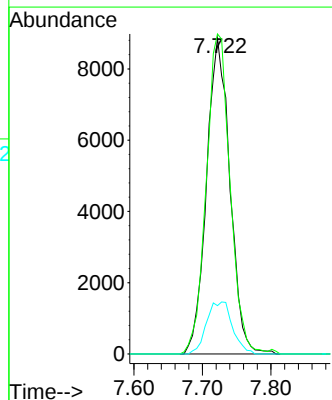
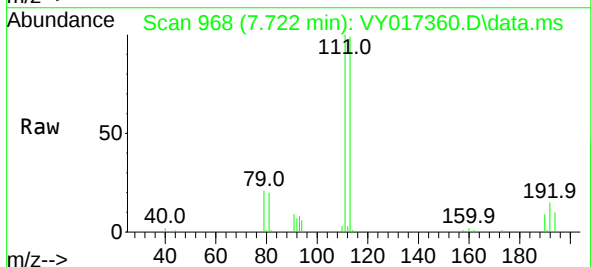
Tgt Ion:113 Resp: 21053

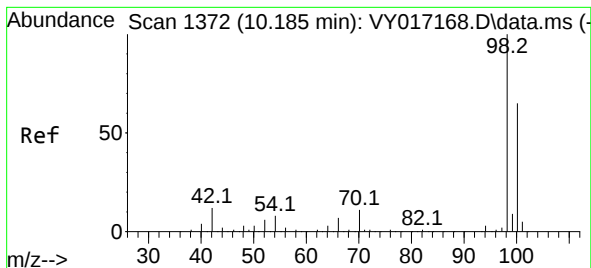
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.2 14.5 21.7





#50

Toluene-d8

Concen: 44.144 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017360.D

Acq: 12 Feb 2024 17:53

Instrument :

MSVOA_Y

ClientSampleId :

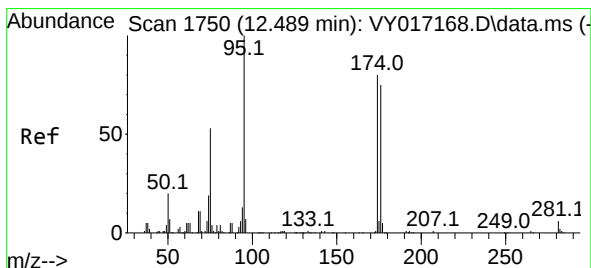
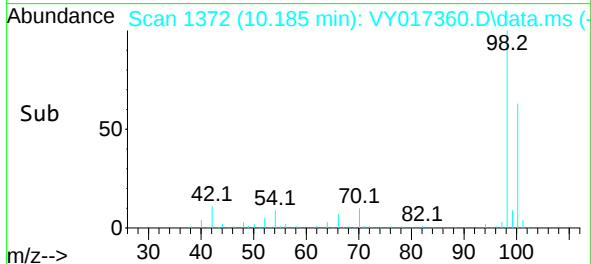
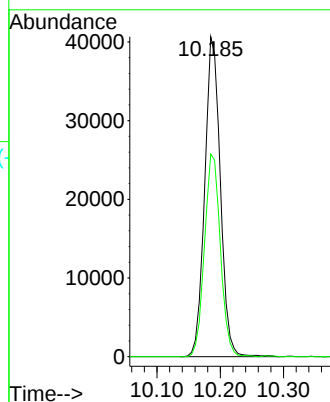
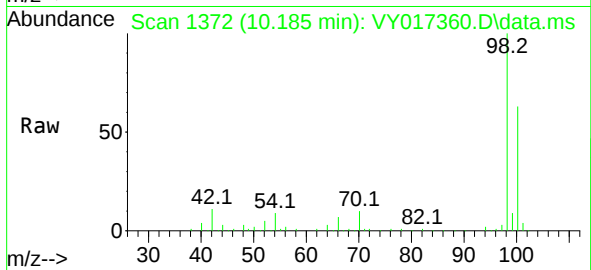
TP-2-VOCRE

Tgt Ion: 98 Resp: 69967

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.331 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017360.D

Acq: 12 Feb 2024 17:53

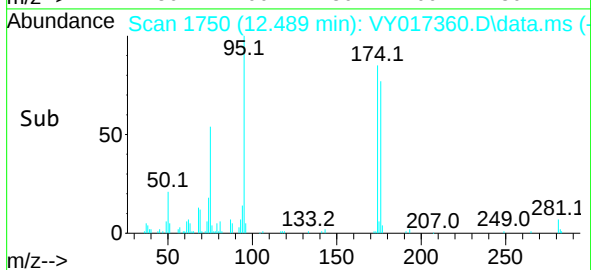
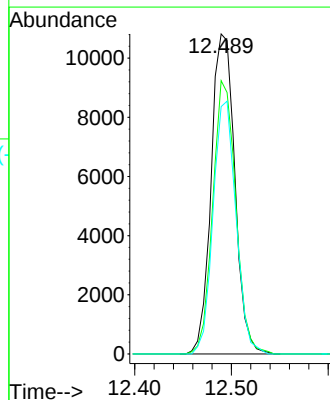
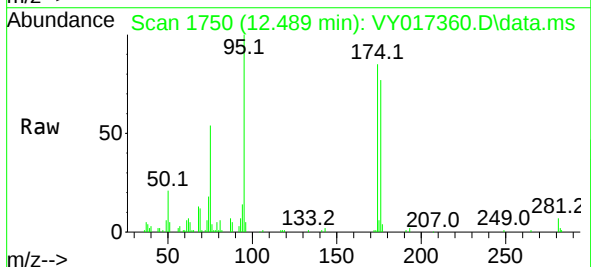
Tgt Ion: 95 Resp: 18344

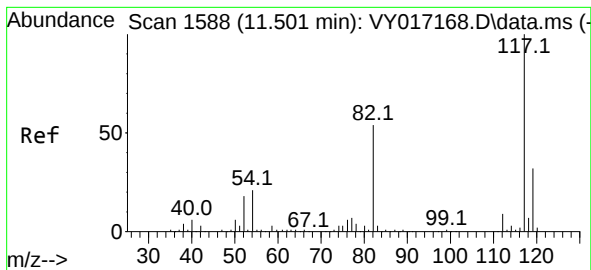
Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.0

176 76.4 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: VY017360.D

Acq: 12 Feb 2024 17:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-VOCRE

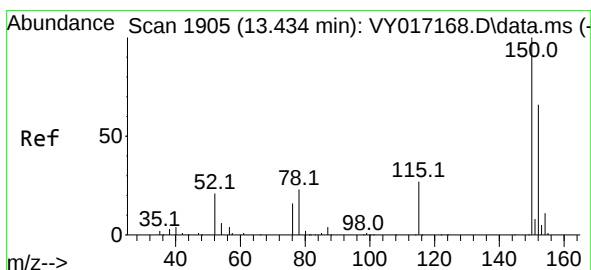
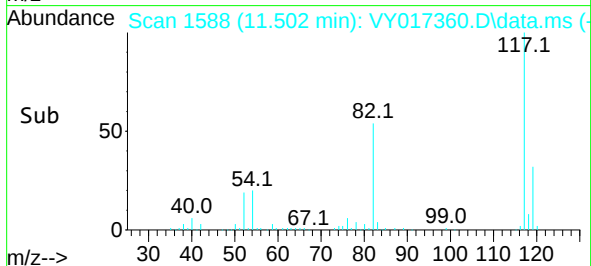
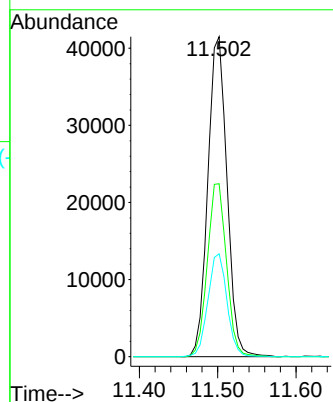
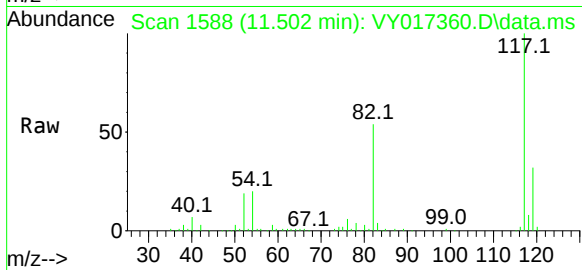
Tgt Ion:117 Resp: 70400

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017360.D

Acq: 12 Feb 2024 17:53

Tgt Ion:152 Resp: 23645

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 158.8 0.0 344.6

