

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017171.D
 Acq On : 01 Feb 2024 16:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 02 00:59:07 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	7.807	168	90318	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	189320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	184230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	42903	53.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.340%
35) Dibromofluoromethane	7.728	113	45547	44.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.120%
50) Toluene-d8	10.191	98	166718	44.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.495	95	55418	45.455	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.900%

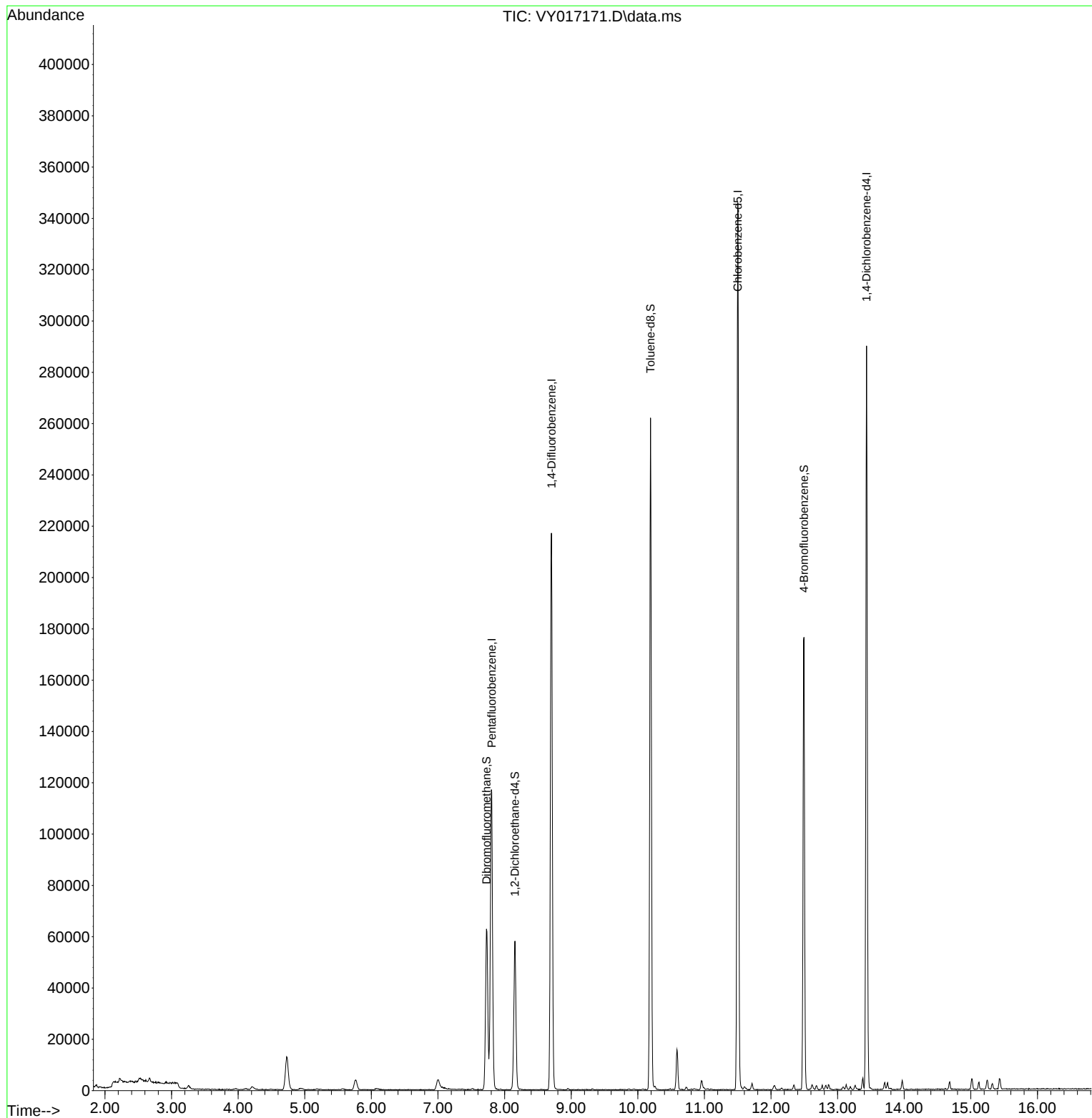
Target Compounds	Qvalue

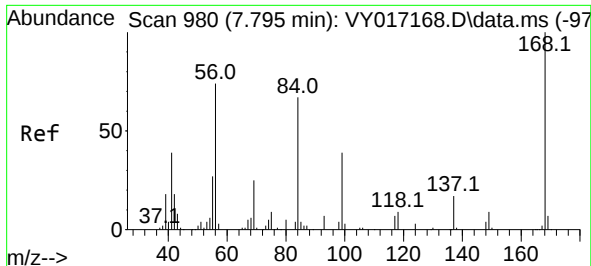
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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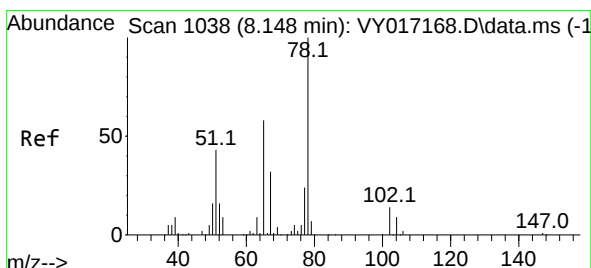
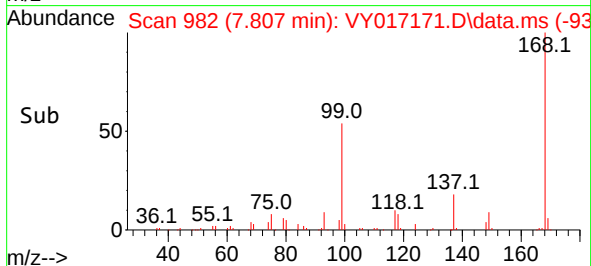
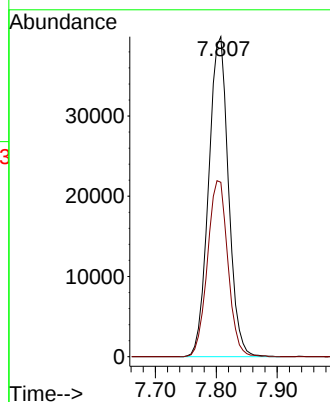
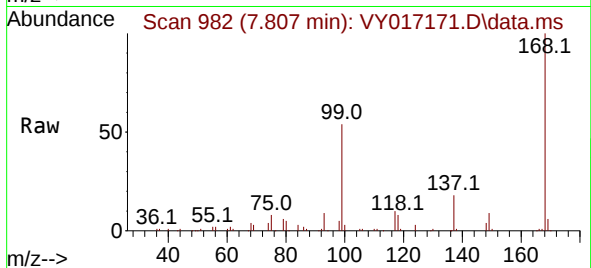




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY017171.D
Acq: 01 Feb 2024 16:02

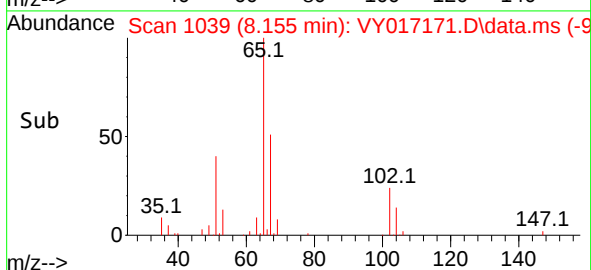
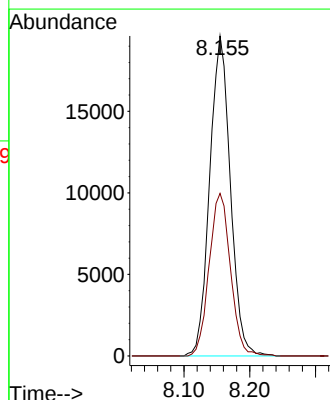
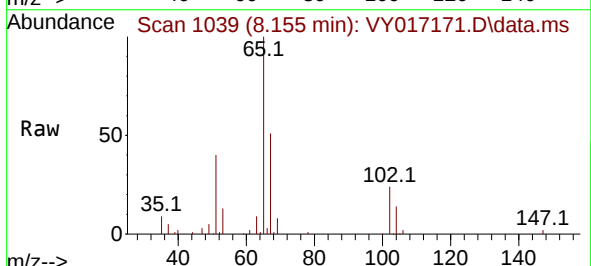
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

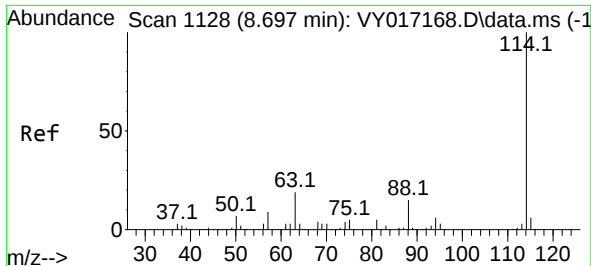
Tgt Ion:168 Resp: 90318
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.174 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY017171.D
Acq: 01 Feb 2024 16:02

Tgt Ion: 65 Resp: 42903
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY017171.D

Acq: 01 Feb 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

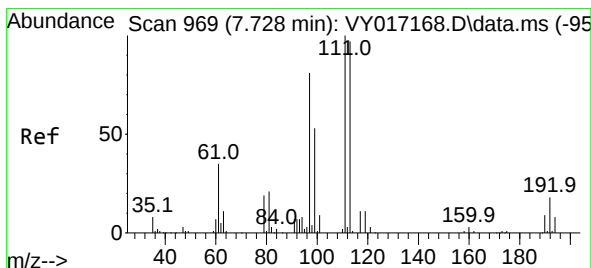
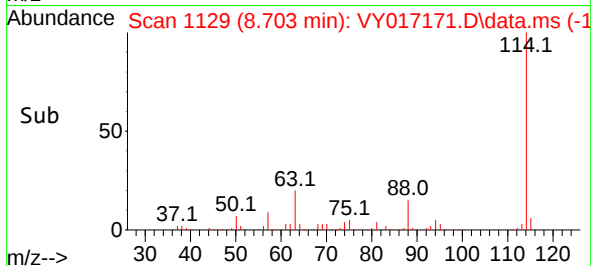
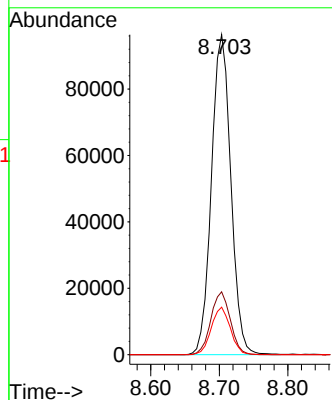
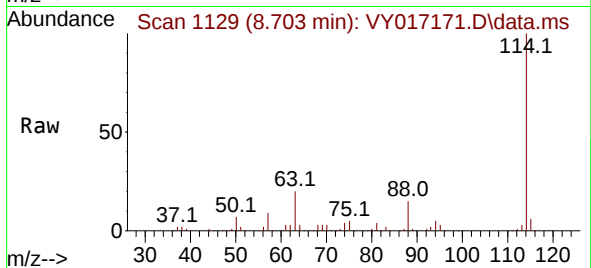
Tgt Ion:114 Resp: 189320

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.557 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017171.D

Acq: 01 Feb 2024 16:02

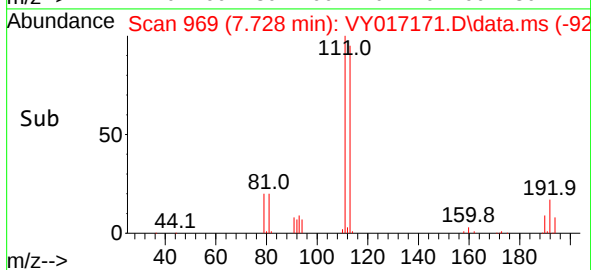
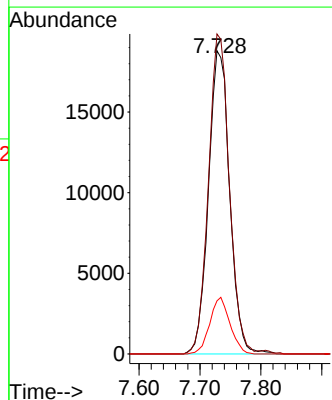
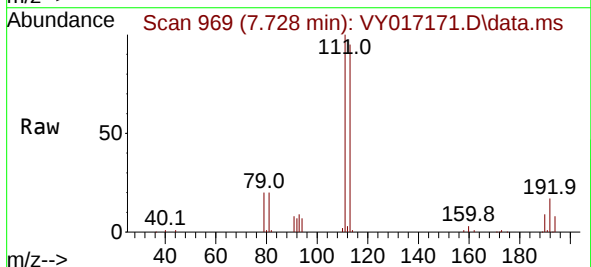
Tgt Ion:113 Resp: 45547

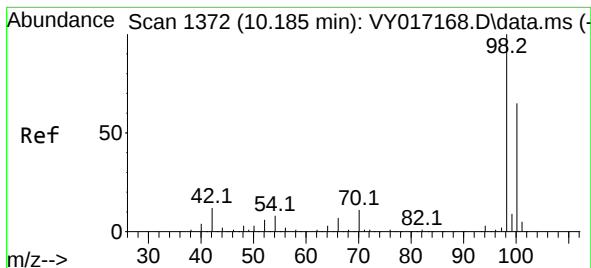
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.7 14.5 21.7





#50

Toluene-d8

Concen: 44.795 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017171.D

Acq: 01 Feb 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :

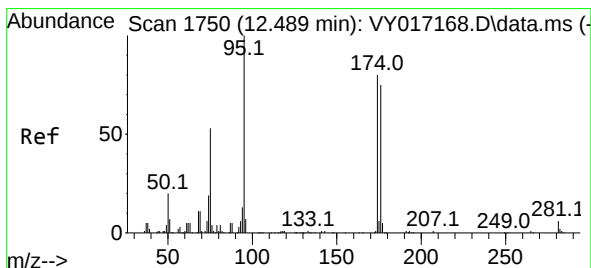
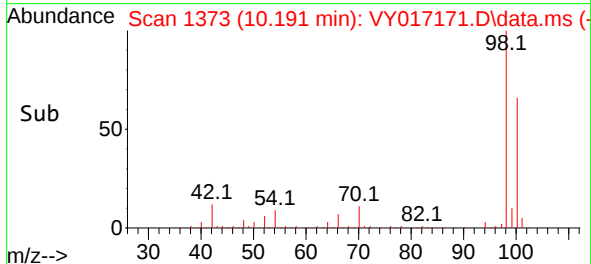
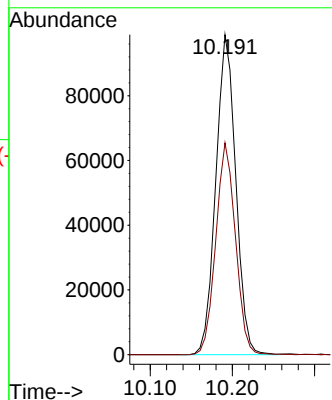
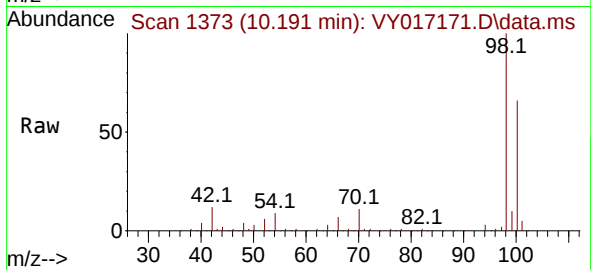
VIBLK

Tgt Ion: 98 Resp: 166718

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.455 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017171.D

Acq: 01 Feb 2024 16:02

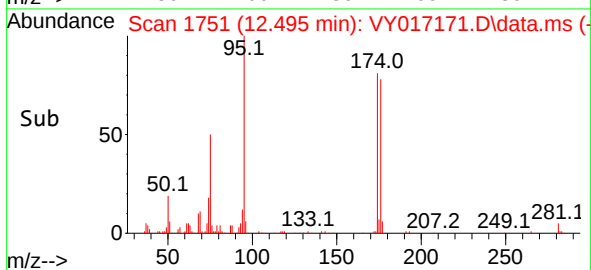
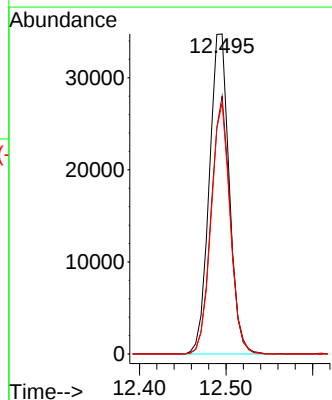
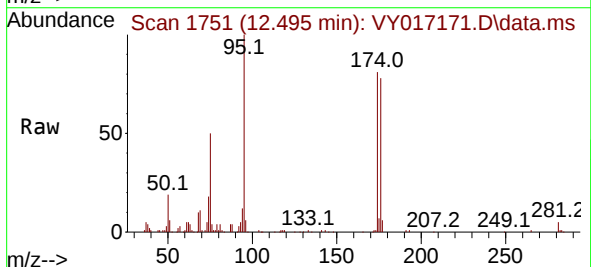
Tgt Ion: 95 Resp: 55418

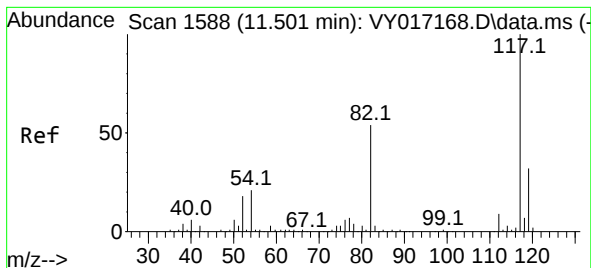
Ion Ratio Lower Upper

95 100

174 77.3 0.0 160.0

176 74.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017171.D

Acq: 01 Feb 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

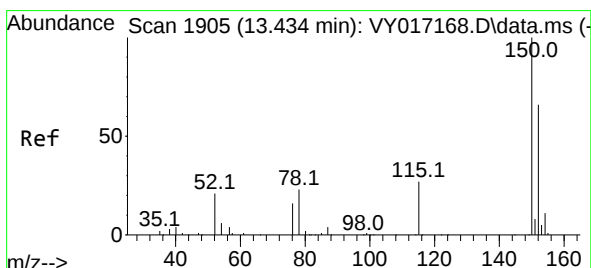
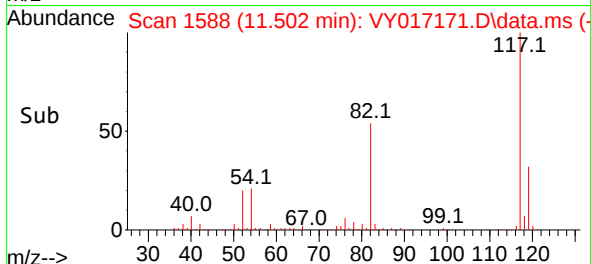
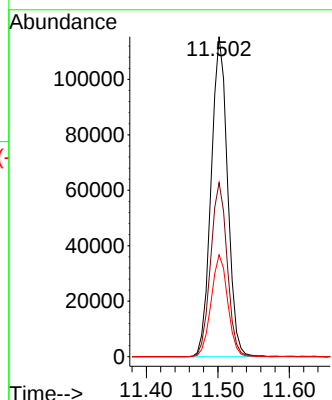
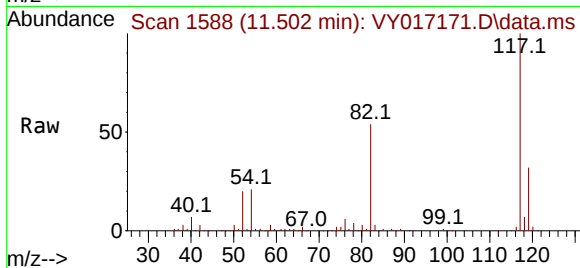
Tgt Ion:117 Resp: 184230

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 31.9 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: VY017171.D

Acq: 01 Feb 2024 16:02

Tgt Ion:152 Resp: 70453

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 158.7 0.0 344.6

