

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017760.D
 Acq On : 26 Mar 2024 10:46
 Operator : SY/MD
 Sample : VY0326SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBL01

Quant Time: Mar 27 01:26:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	137935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	251355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	219753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	70318	58.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.040%
35) Dibromofluoromethane	7.734	113	81704	54.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.760%
50) Toluene-d8	10.191	98	289460	50.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.496	95	75924	43.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.940%

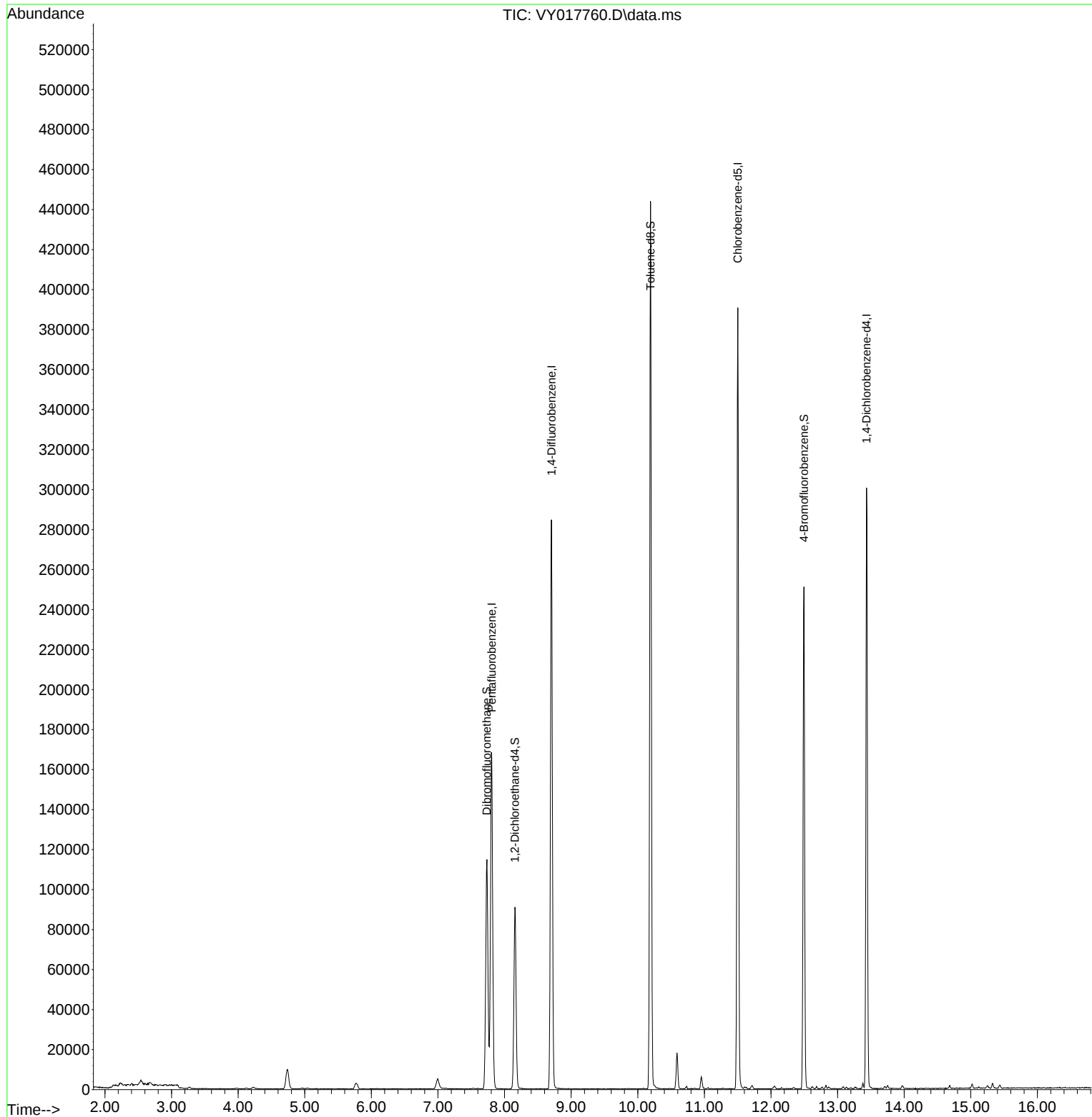
Target Compounds	Qvalue

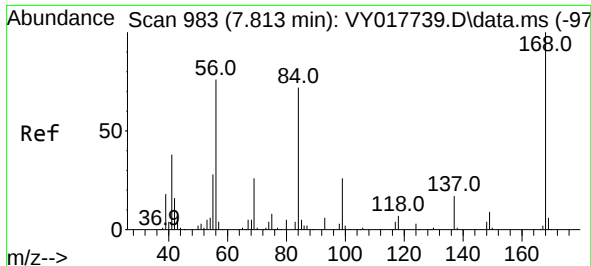
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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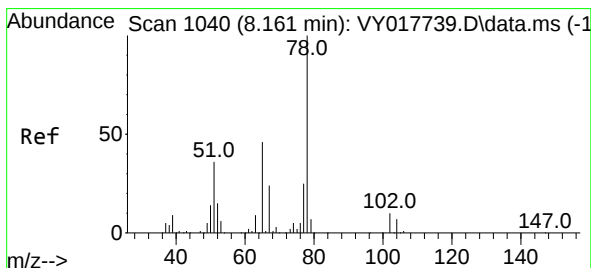
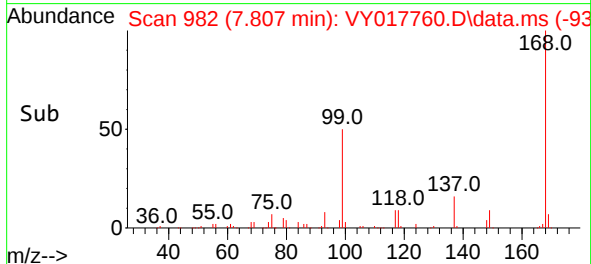
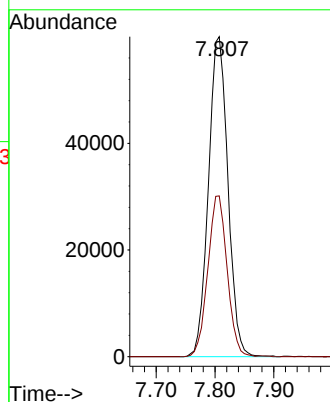
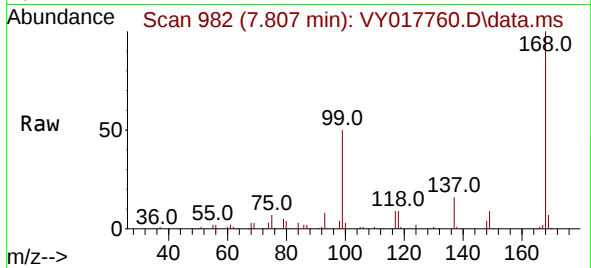




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

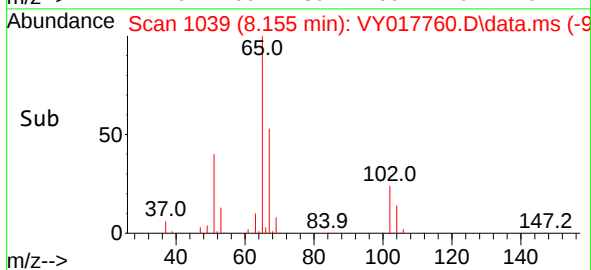
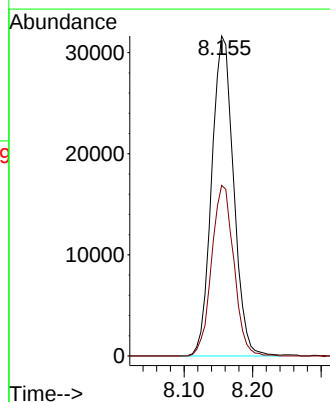
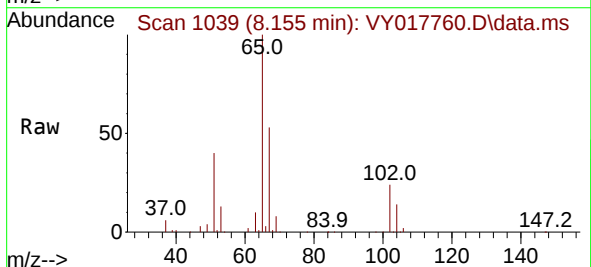
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

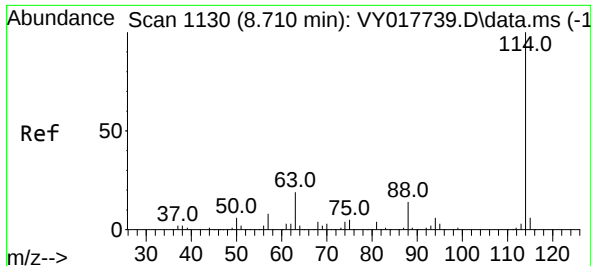
Tgt Ion:168 Resp: 137935
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.517 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Tgt Ion: 65 Resp: 70318
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

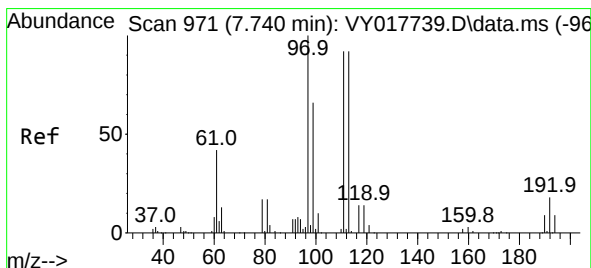
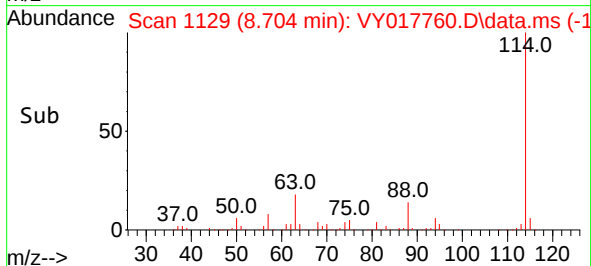
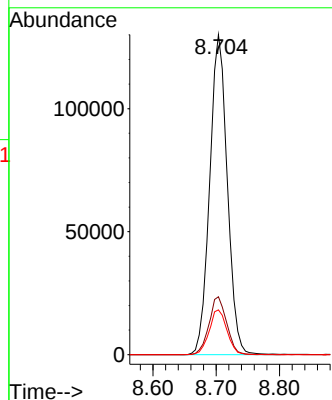
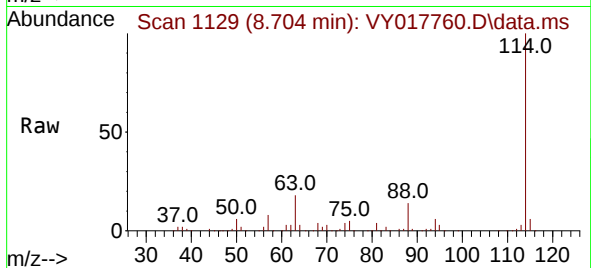
Tgt Ion:114 Resp: 251355

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.379 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

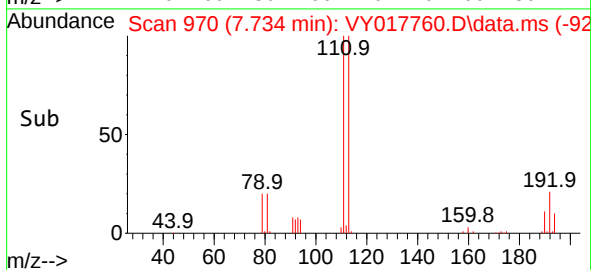
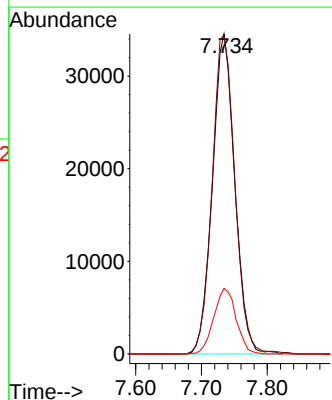
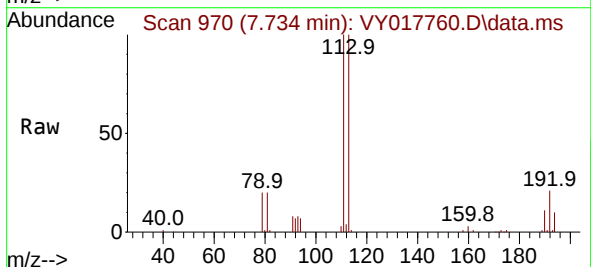
Tgt Ion:113 Resp: 81704

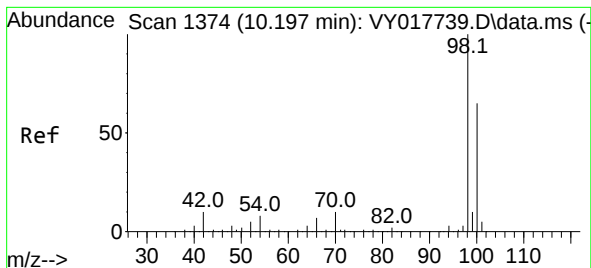
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 20.5 15.9 23.9





#50

Toluene-d8

Concen: 50.337 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

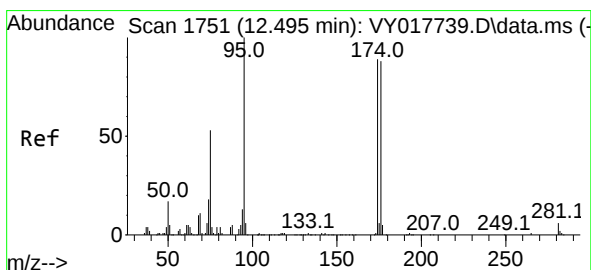
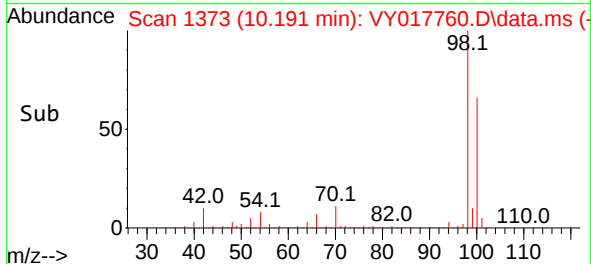
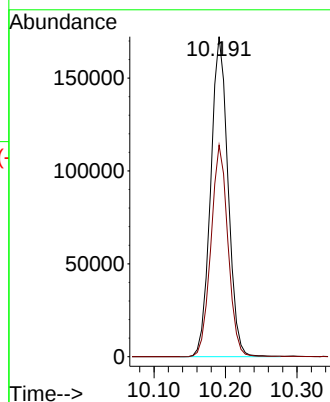
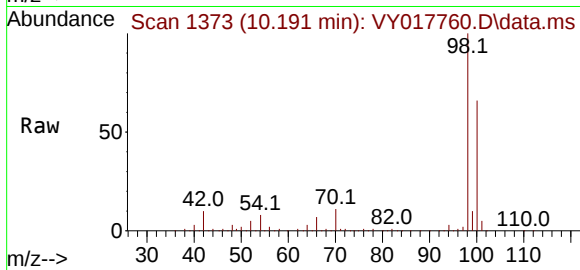
VY0326SBL01

Tgt Ion: 98 Resp: 289460

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.970 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.000 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

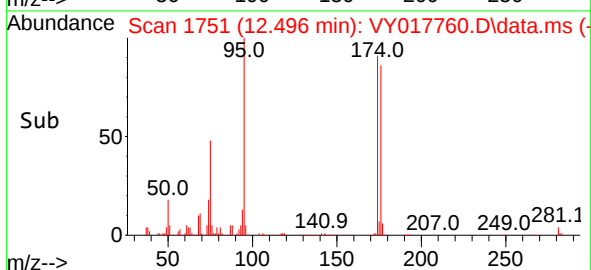
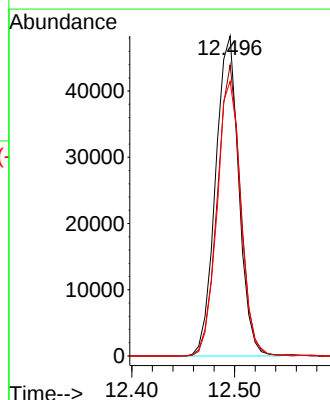
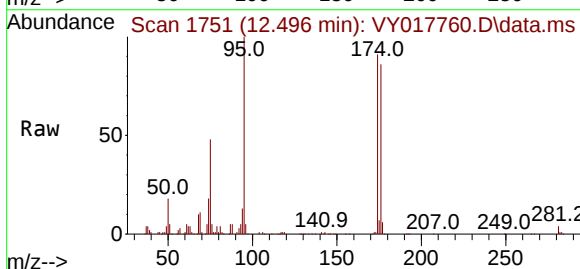
Tgt Ion: 95 Resp: 75924

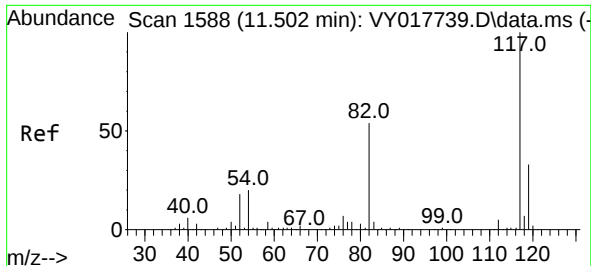
Ion Ratio Lower Upper

95 100

174 90.7 0.0 175.6

176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

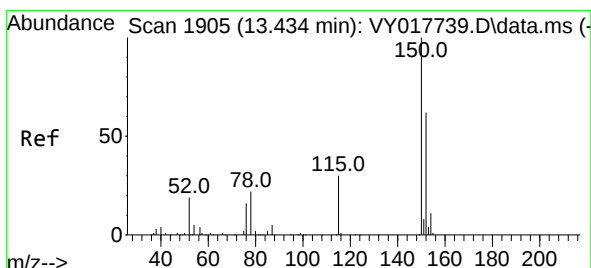
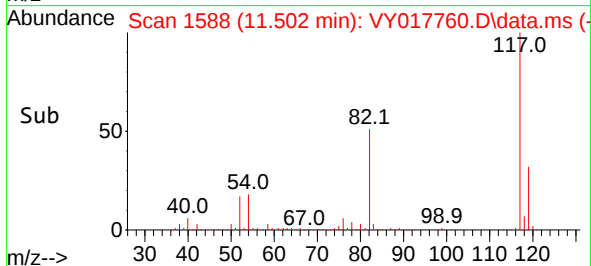
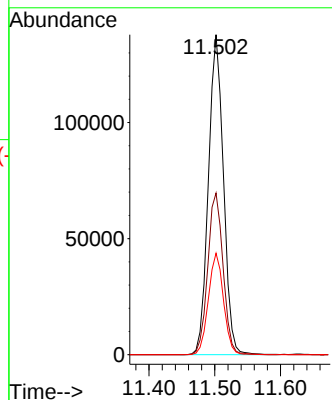
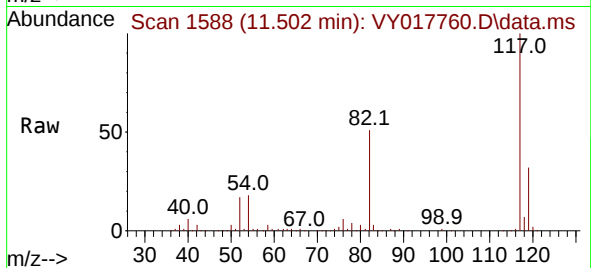
Tgt Ion:117 Resp: 219753

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Tgt Ion:152 Resp: 78511

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 159.4 0.0 345.6

