

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017747.D
 Acq On : 25 Mar 2024 10:26
 Operator : SY/MD
 Sample : VY0325SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBL01

Quant Time: Mar 26 03:32:08 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	153350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	273707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77883	58.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.600%
35) Dibromofluoromethane	7.734	113	89526	54.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.440%
50) Toluene-d8	10.191	98	310926	49.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.489	95	83251	44.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.560%

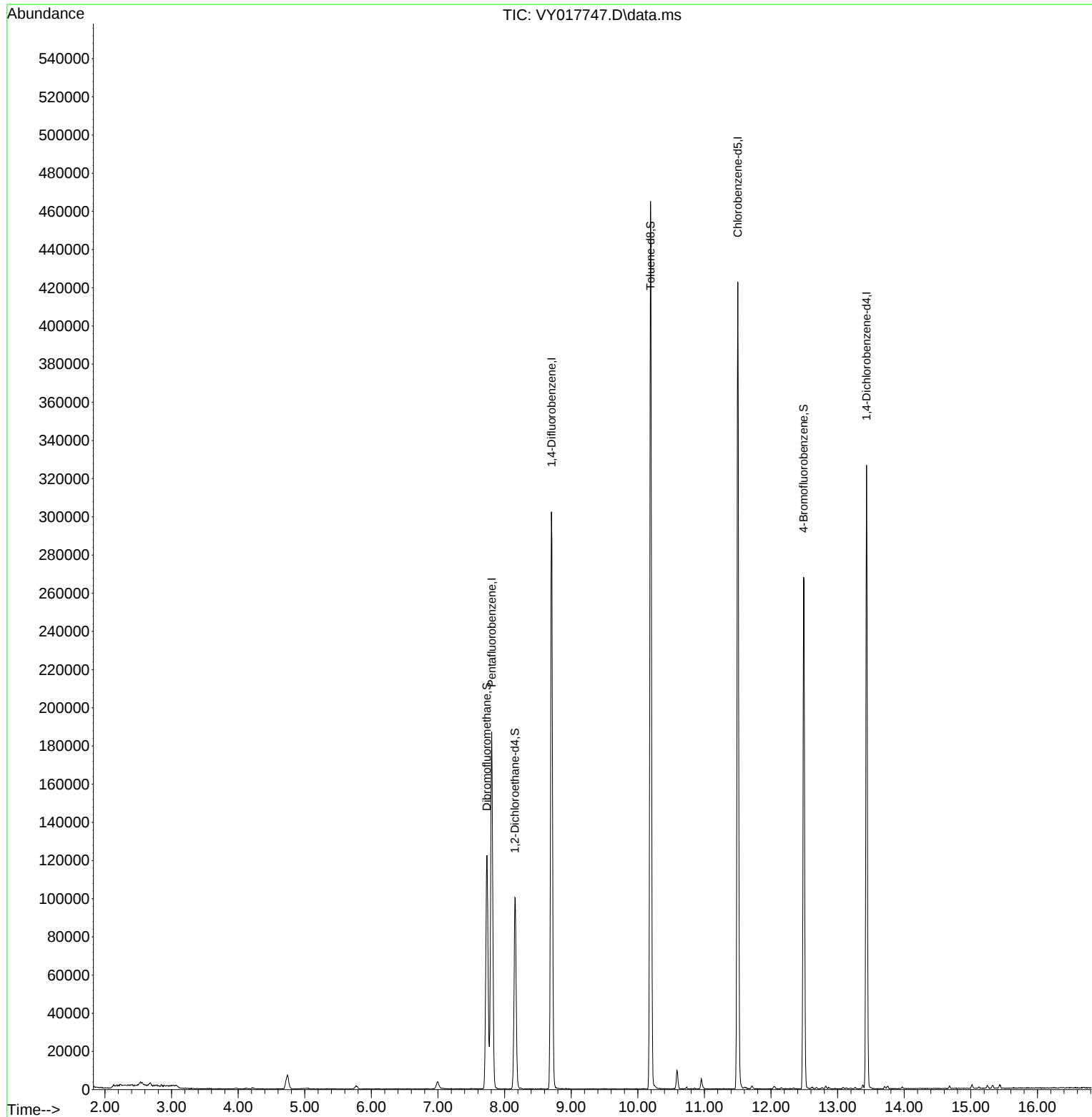
Target Compounds	Qvalue

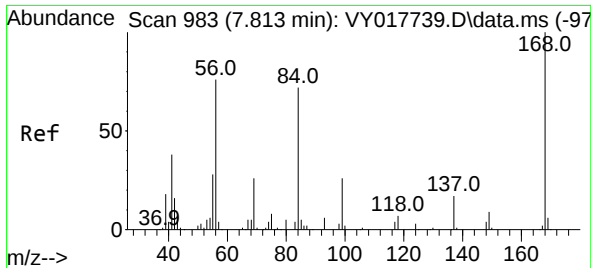
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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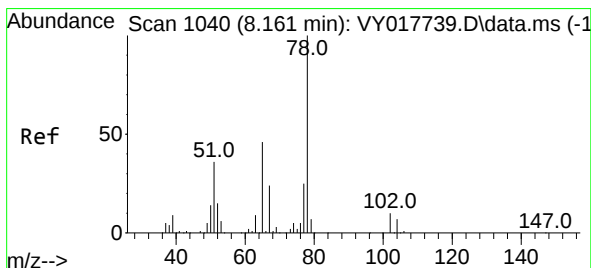
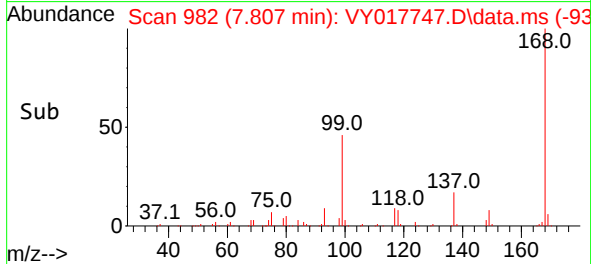
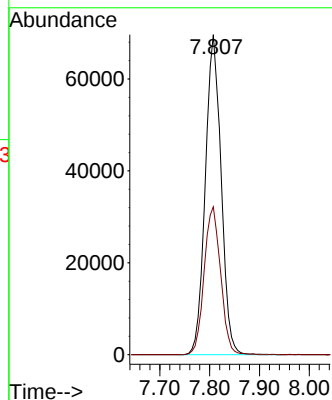
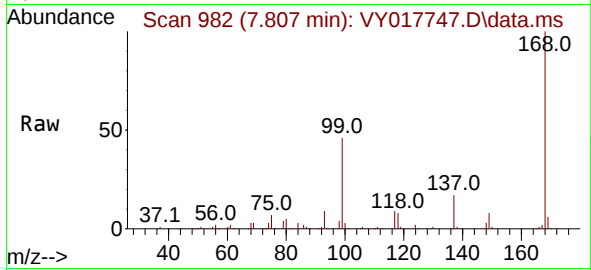




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017747.D
Acq: 25 Mar 2024 10:26

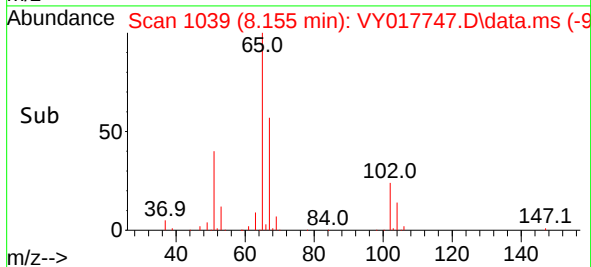
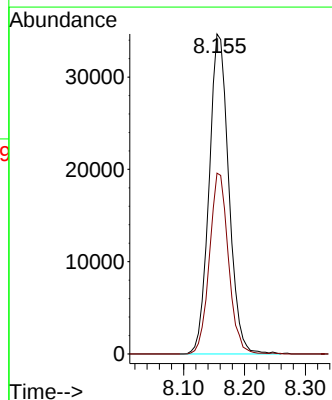
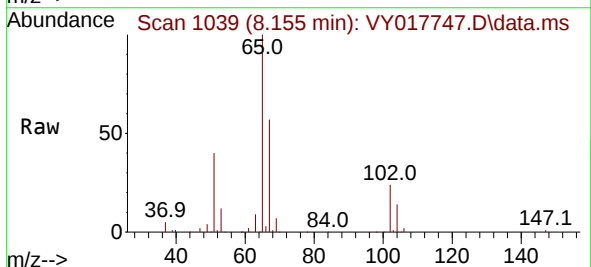
Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

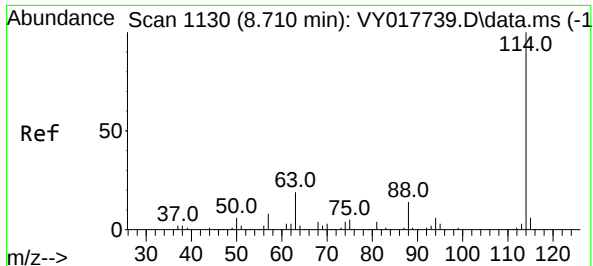
Tgt Ion:168 Resp: 153350
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.298 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY017747.D
Acq: 25 Mar 2024 10:26

Tgt Ion: 65 Resp: 77883
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY017747.D

Acq: 25 Mar 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBL01

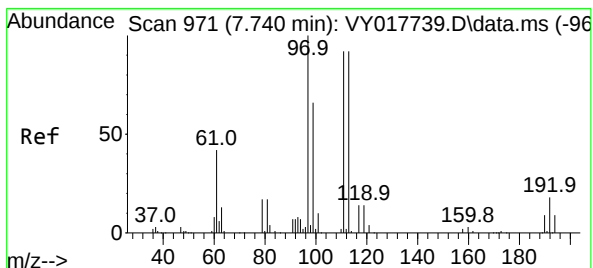
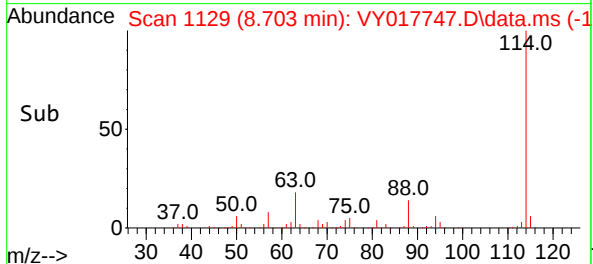
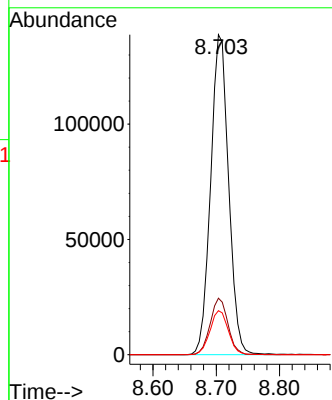
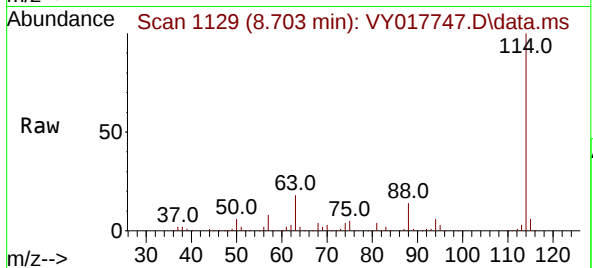
Tgt Ion:114 Resp: 273707

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.719 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY017747.D

Acq: 25 Mar 2024 10:26

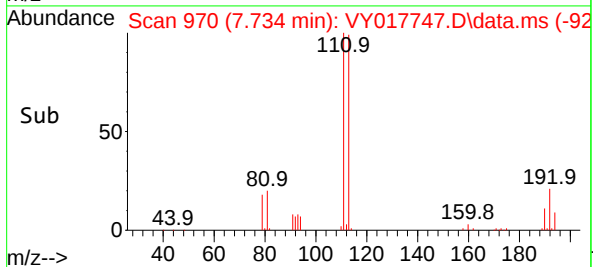
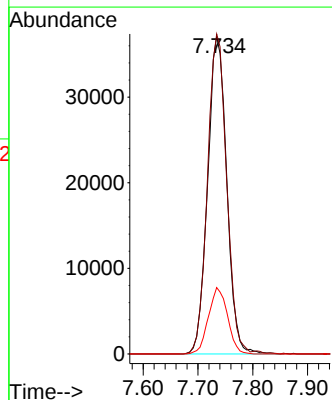
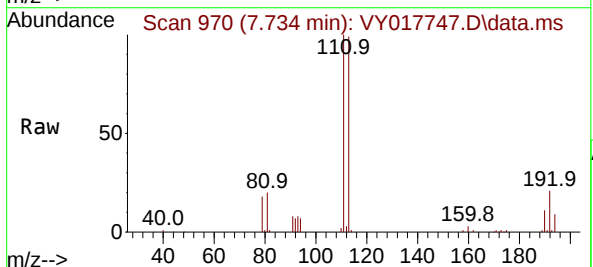
Tgt Ion:113 Resp: 89526

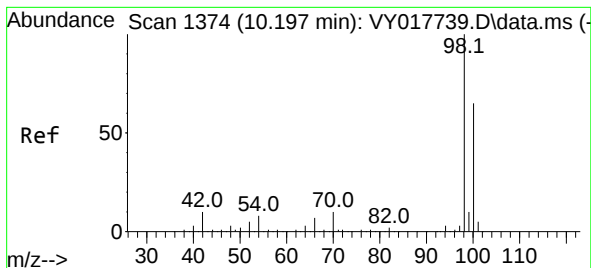
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 20.9 15.9 23.9





#50

Toluene-d8

Concen: 49.655 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017747.D

Acq: 25 Mar 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

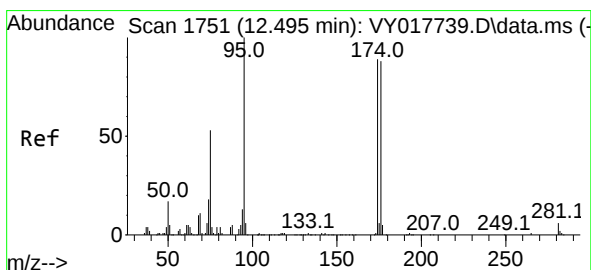
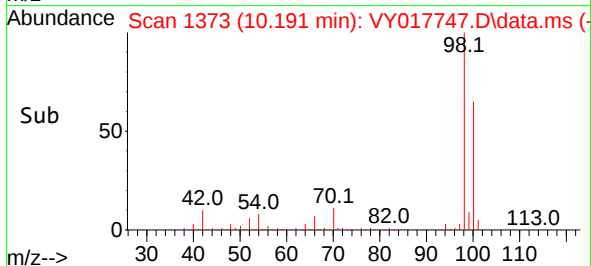
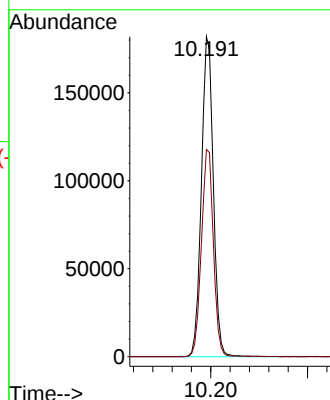
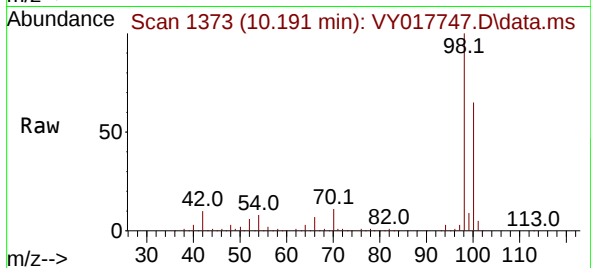
VY0325SBL01

Tgt Ion: 98 Resp: 310926

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.276 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017747.D

Acq: 25 Mar 2024 10:26

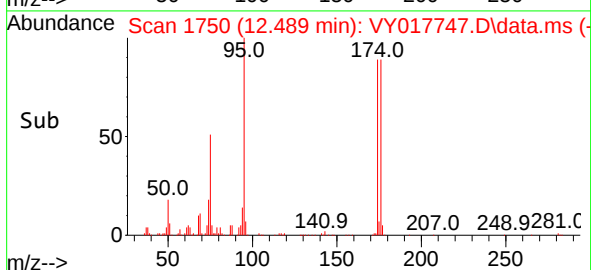
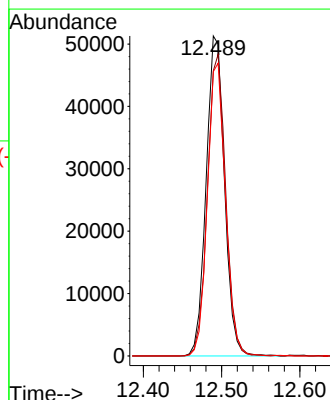
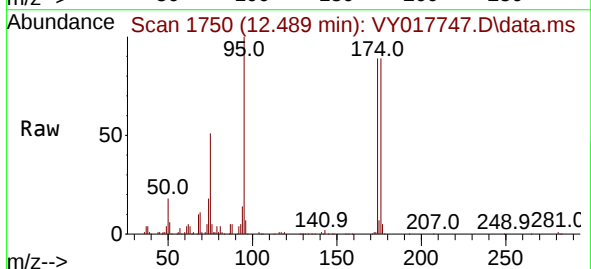
Tgt Ion: 95 Resp: 83251

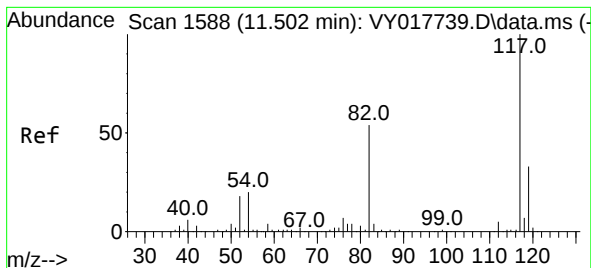
Ion Ratio Lower Upper

95 100

174 94.2 0.0 175.6

176 90.1 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: VY017747.D

Acq: 25 Mar 2024 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0325SBL01

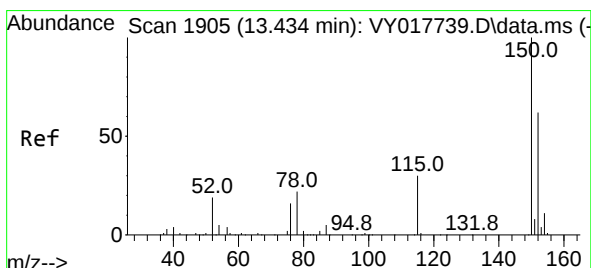
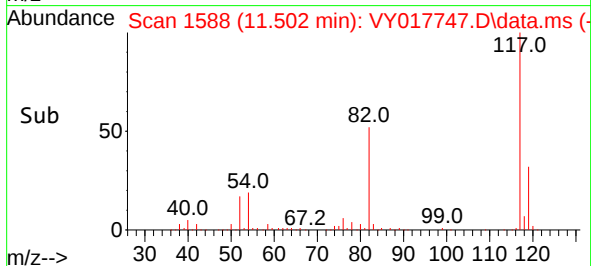
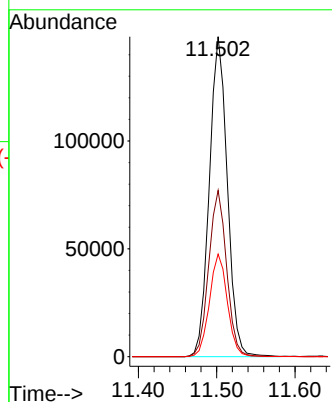
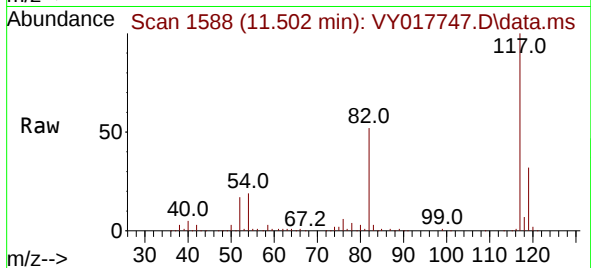
Tgt Ion:117 Resp: 236235

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 32.1 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: VY017747.D

Acq: 25 Mar 2024 10:26

Tgt Ion:152 Resp: 85974

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 160.8 0.0 345.6

