

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017784.D
 Acq On : 27 Mar 2024 16:22
 Operator : SY/MD
 Sample : P1894-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB40858RT

Quant Time: Mar 28 02:18:43 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	7.795	168	78584	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	142405	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.496	117	124669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	43398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42057	61.432	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.860%
35) Dibromofluoromethane	7.722	113	47027	55.246	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.500%
50) Toluene-d8	10.185	98	170193	52.240	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.489	95	42545	43.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.980%

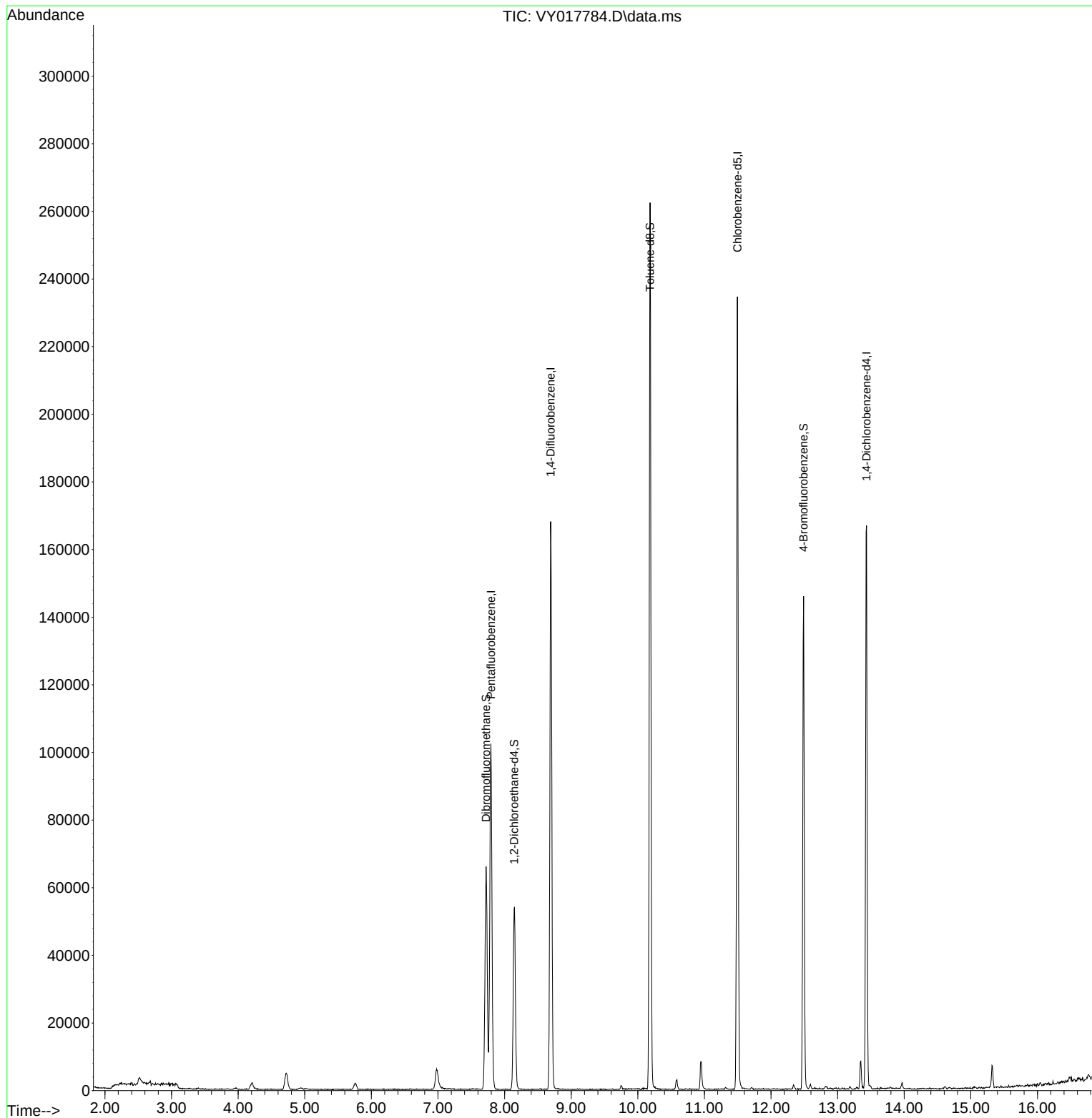
Target Compounds	Qvalue

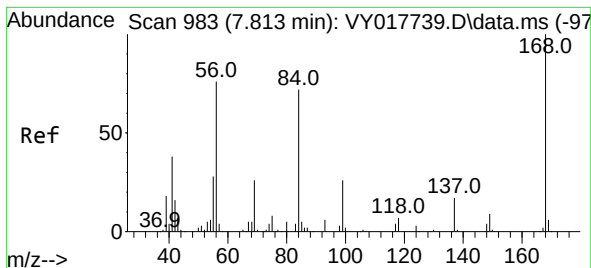
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.018 min

Lab File: VY017784.D

Acq: 27 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

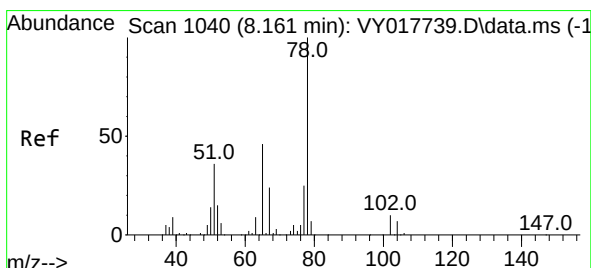
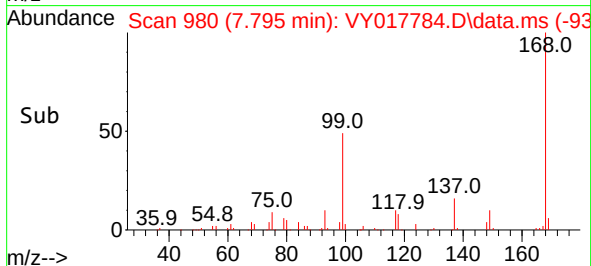
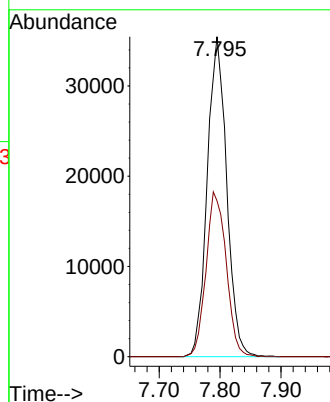
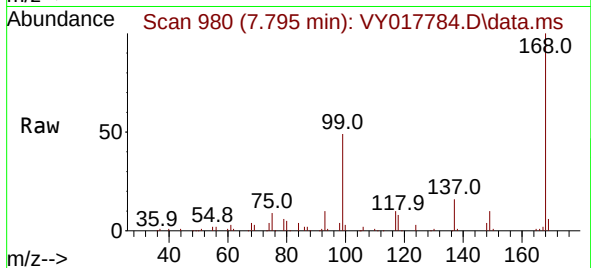
RB40858RT

Tgt Ion:168 Resp: 78584

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 61.432 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.018 min

Lab File: VY017784.D

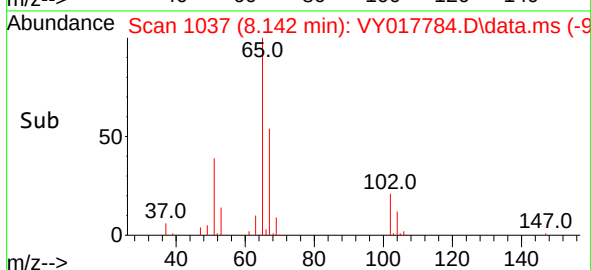
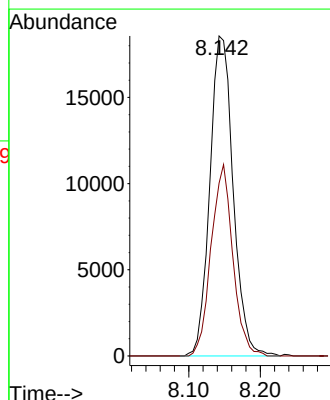
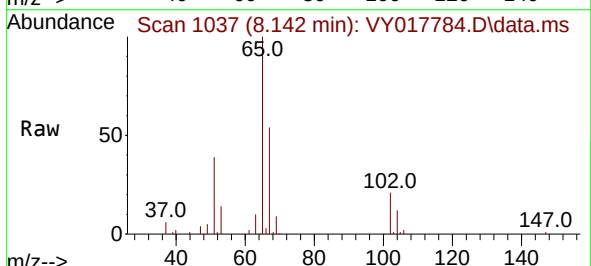
Acq: 27 Mar 2024 16:22

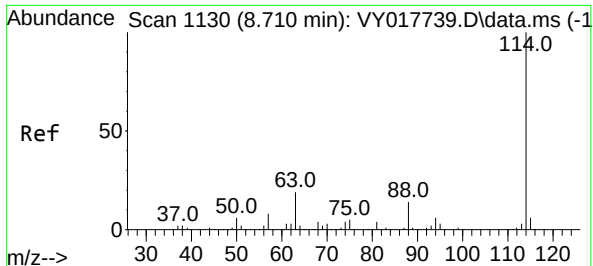
Tgt Ion: 65 Resp: 42057

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.018 min

Lab File: VY017784.D

Acq: 27 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RB40858RT

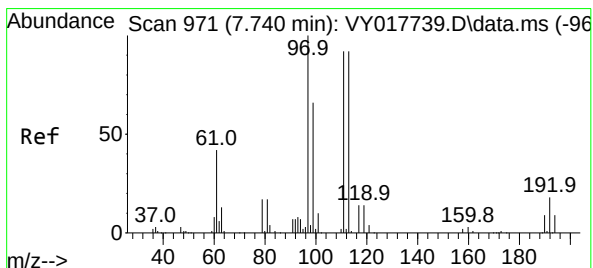
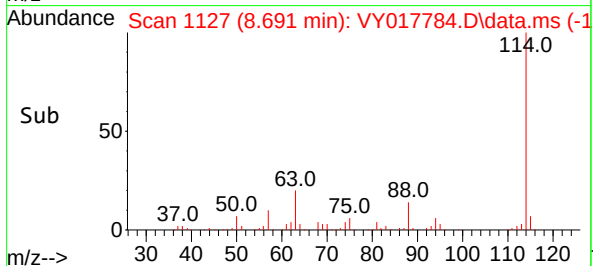
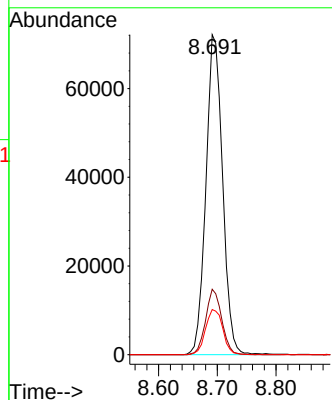
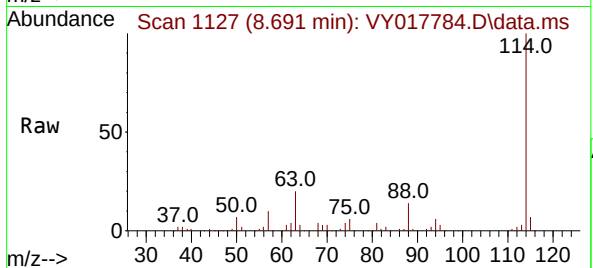
Tgt Ion:114 Resp: 142405

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.246 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017784.D

Acq: 27 Mar 2024 16:22

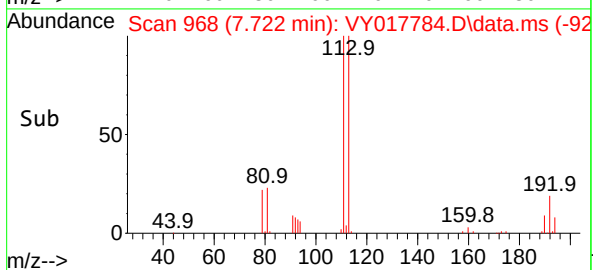
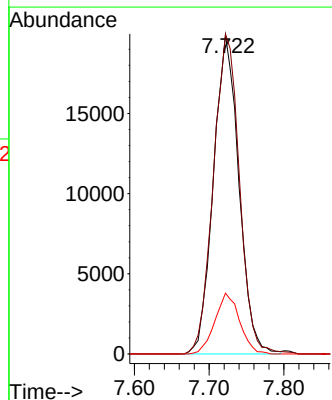
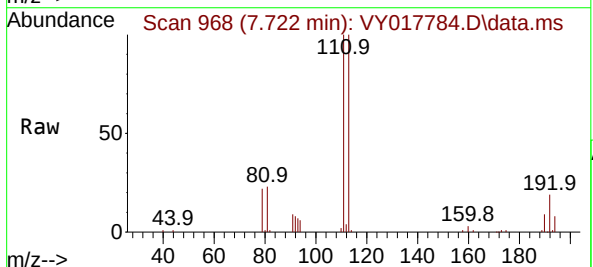
Tgt Ion:113 Resp: 47027

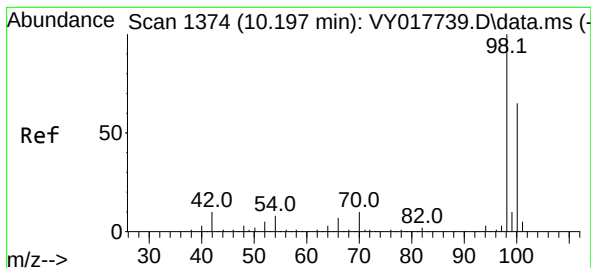
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.5 15.9 23.9





#50

Toluene-d8

Concen: 52.240 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017784.D

Acq: 27 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

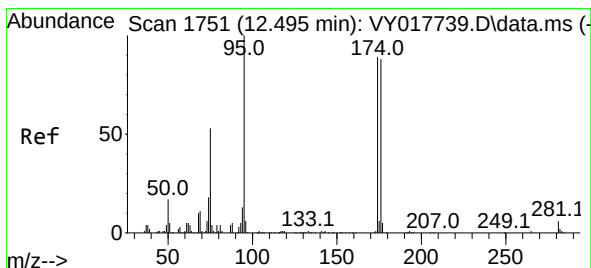
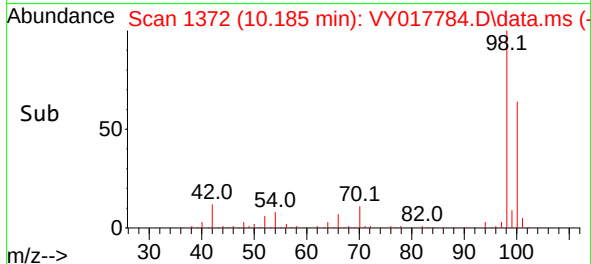
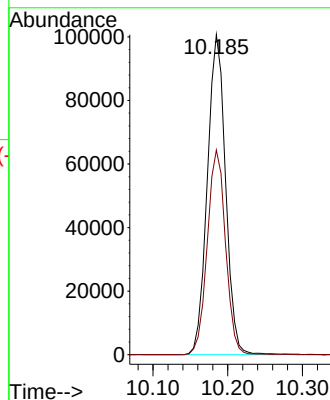
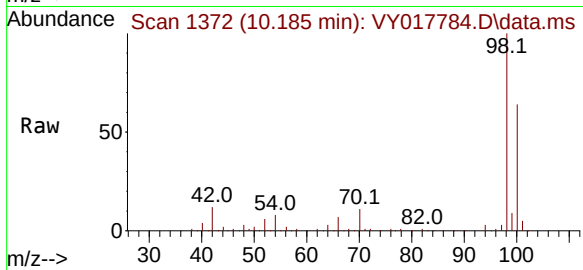
RB40858RT

Tgt Ion: 98 Resp: 170193

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.490 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017784.D

Acq: 27 Mar 2024 16:22

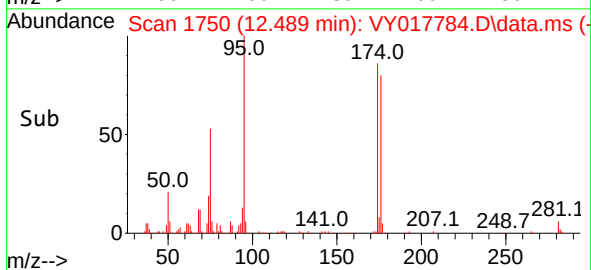
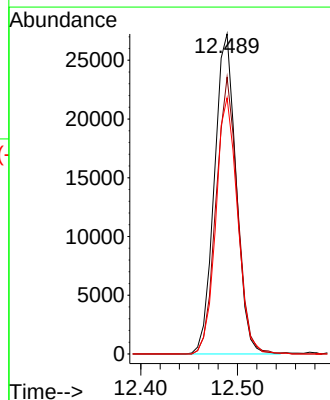
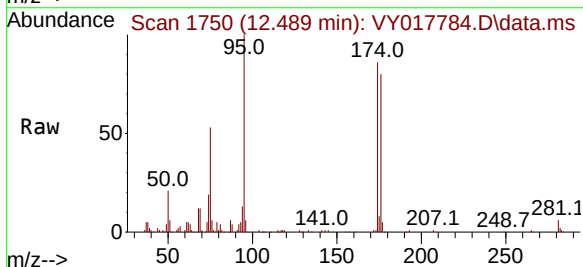
Tgt Ion: 95 Resp: 42545

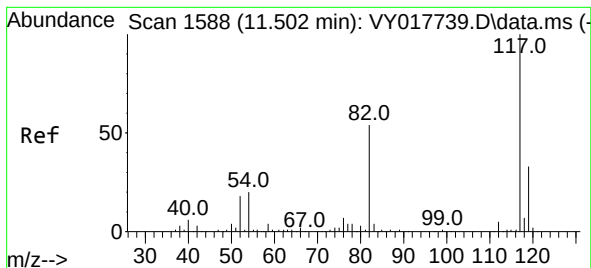
Ion Ratio Lower Upper

95 100

174 85.2 0.0 175.6

176 79.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017784.D

Acq: 27 Mar 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RB40858RT

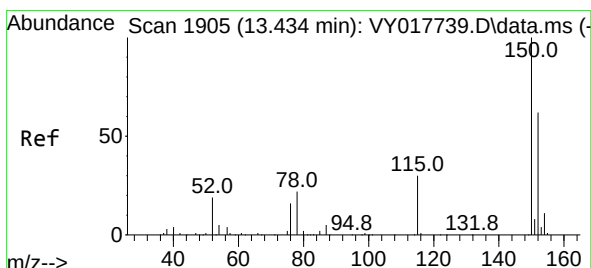
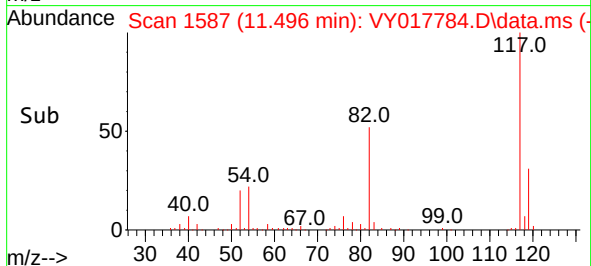
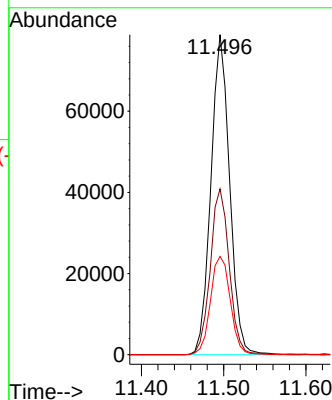
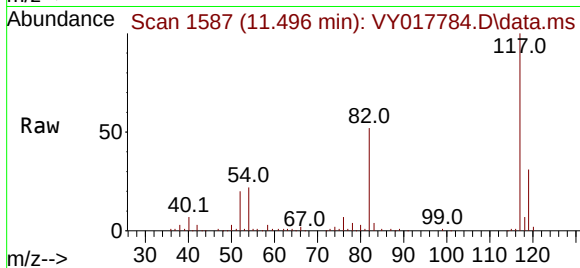
Tgt Ion:117 Resp: 124669

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 30.7 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: VY017784.D

Acq: 27 Mar 2024 16:22

Tgt Ion:152 Resp: 43398

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 151.5 0.0 345.6

