

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012737.D
 Acq On : 27 Feb 2023 16:29
 Operator : KP/MD
 Sample : 01724-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR53-VNJ201

Quant Time: Feb 28 00:23:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	159839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74163	54.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.180%
35) Dibromofluoromethane	7.722	113	70075	54.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.179	98	240445	49.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.483	95	70446	45.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.460%

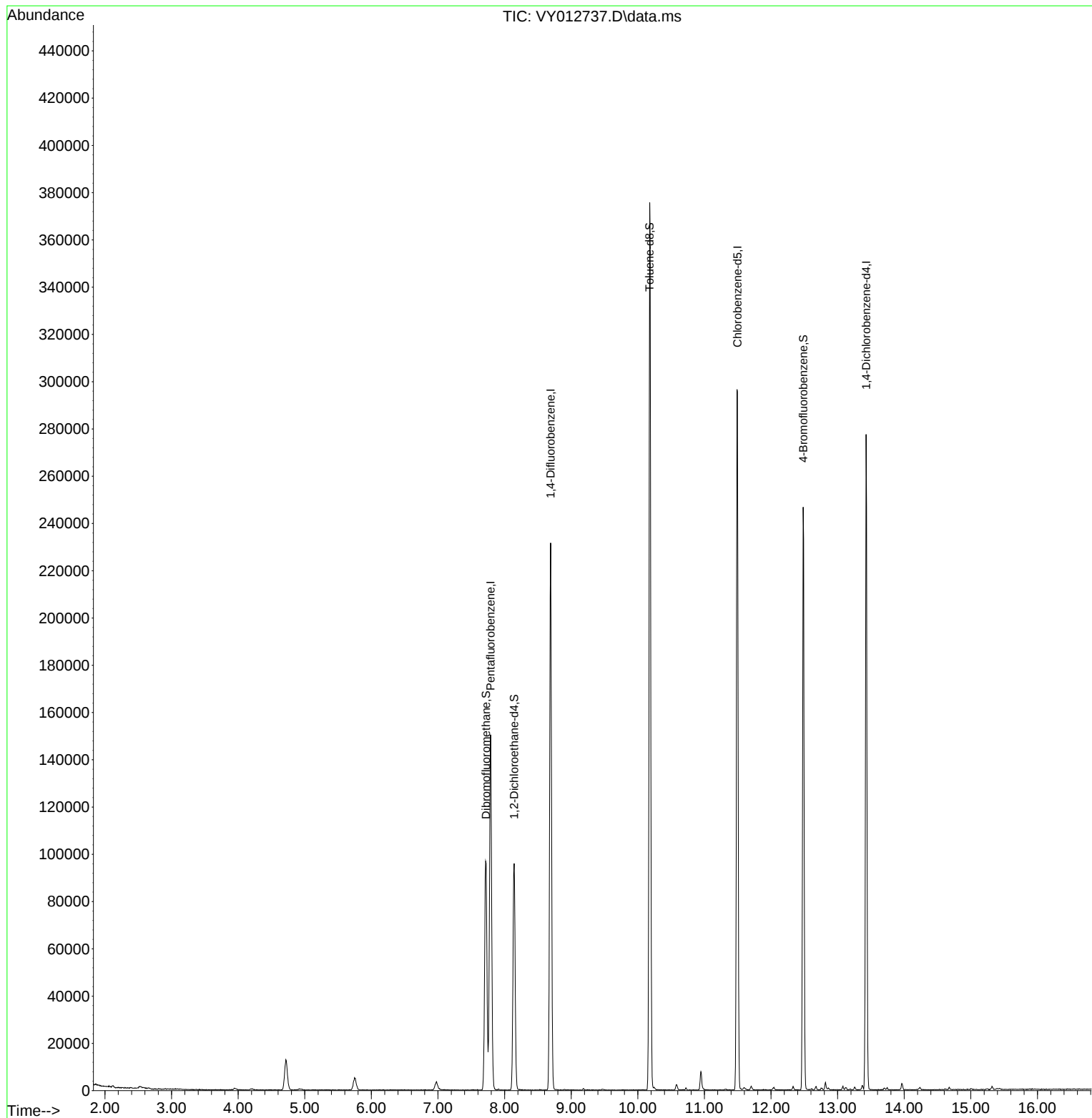
Target Compounds	Qvalue

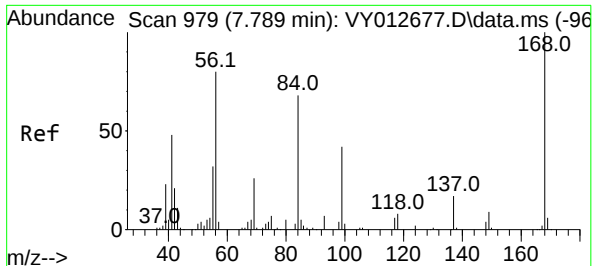
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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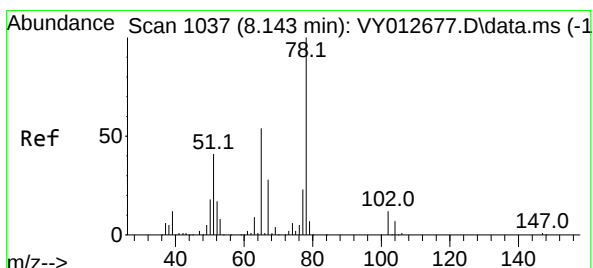
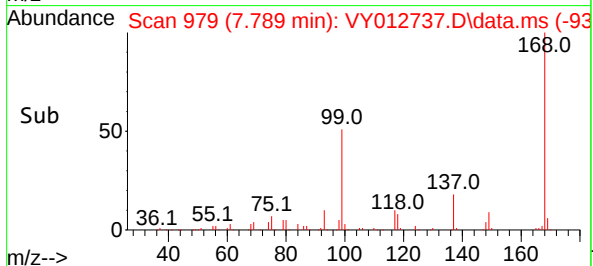
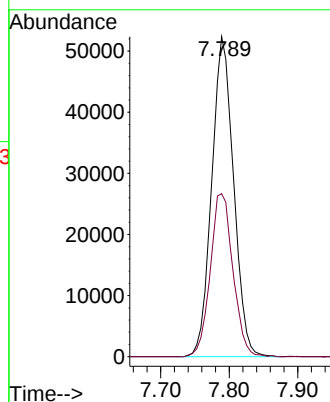
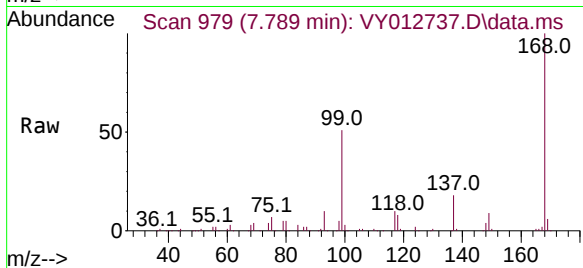




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

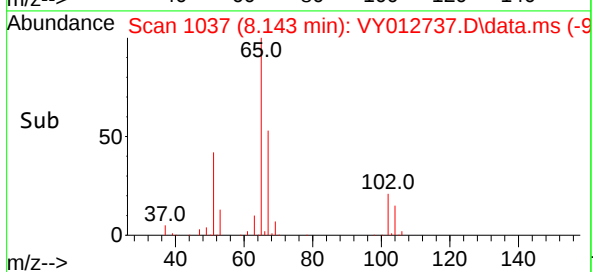
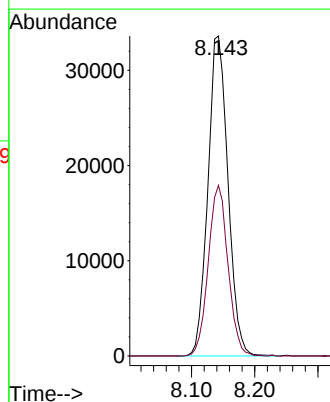
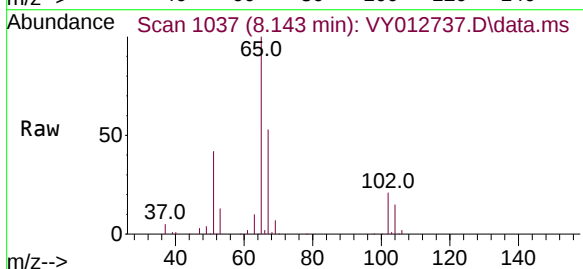
Instrument :
MSVOA_Y
ClientSampleId :
RBR53-VNJ201

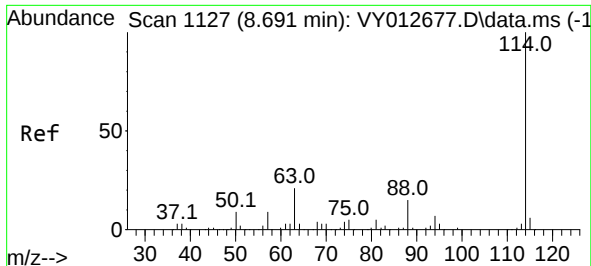
Tgt Ion:168 Resp: 116095
Ion Ratio Lower Upper
168 100
99 51.0 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion: 65 Resp: 74163
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012737.D

Acq: 27 Feb 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

RBR53-VNJ201

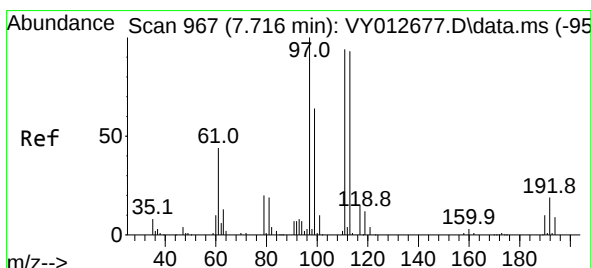
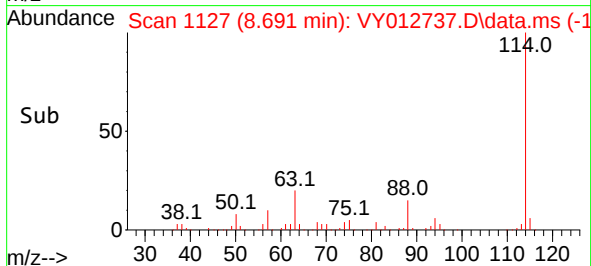
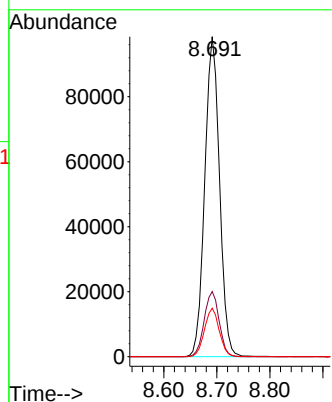
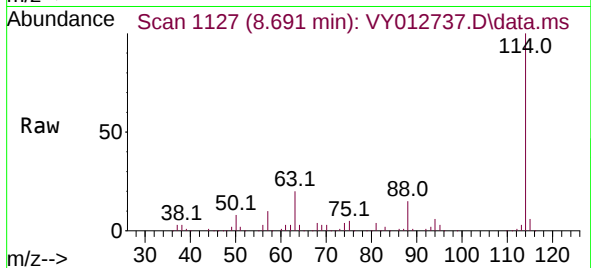
Tgt Ion:114 Resp: 190239

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 15.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 54.536 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012737.D

Acq: 27 Feb 2023 16:29

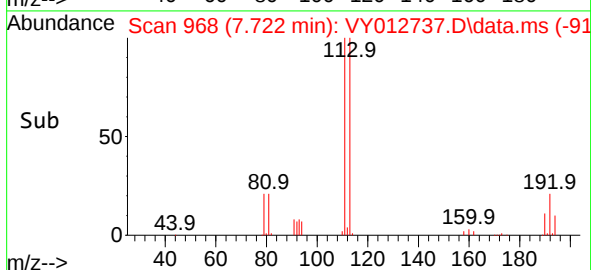
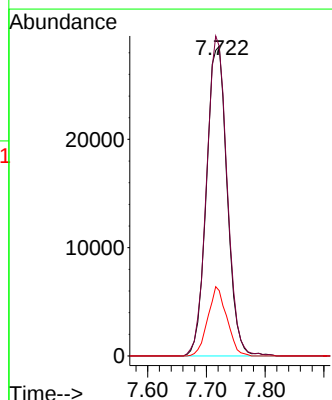
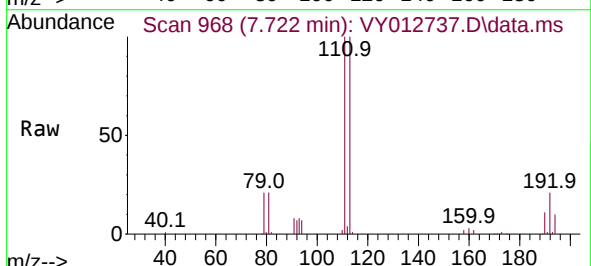
Tgt Ion:113 Resp: 70075

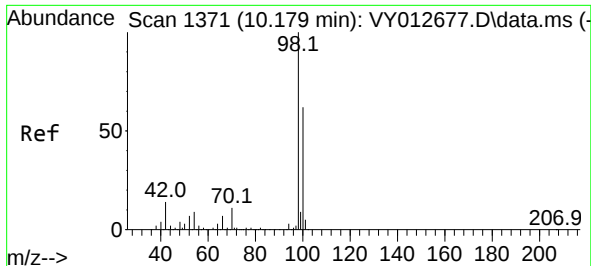
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 20.5 16.2 24.2

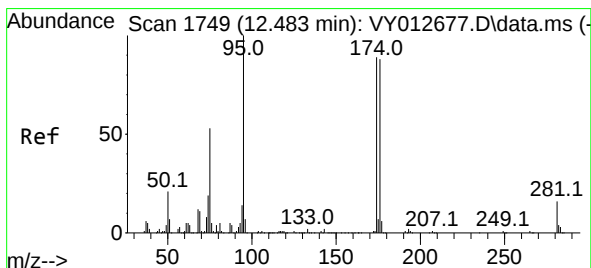
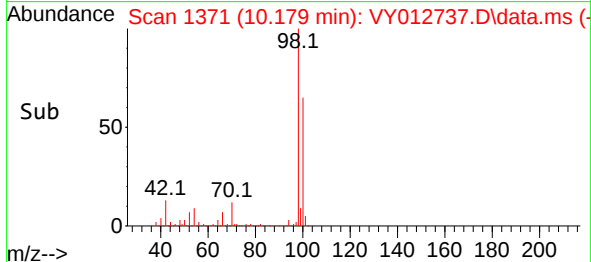
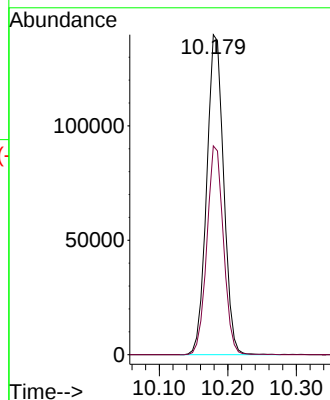
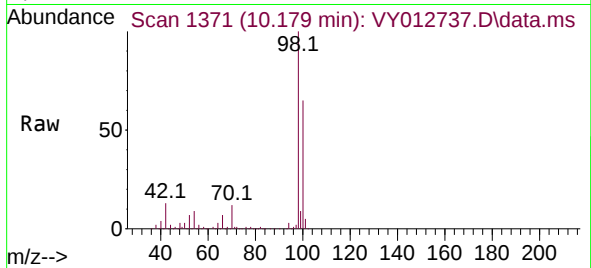




#50
Toluene-d8
Concen: 49.948 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

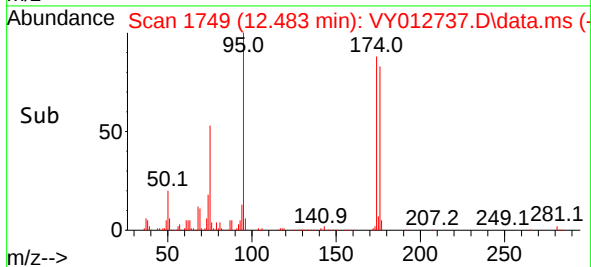
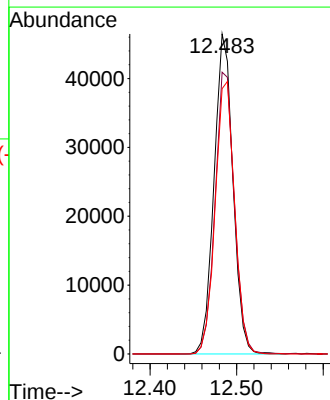
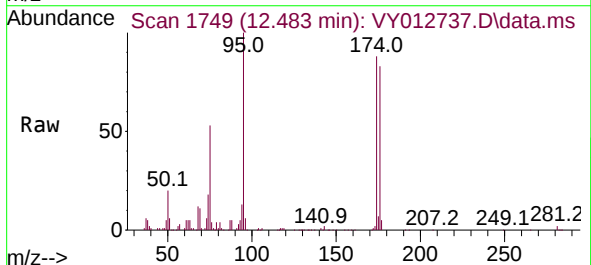
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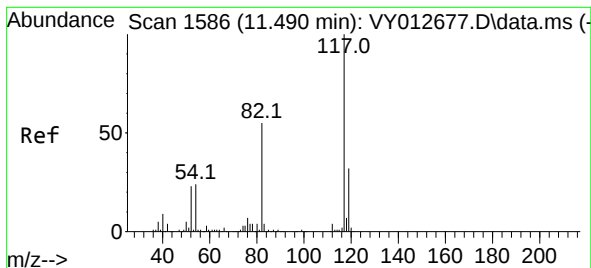
Tgt Ion: 98 Resp: 240445
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion: 95 Resp: 70446
Ion Ratio Lower Upper
95 100
174 90.0 0.0 172.8
176 87.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012737.D

Acq: 27 Feb 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

RBR53-VNJ201

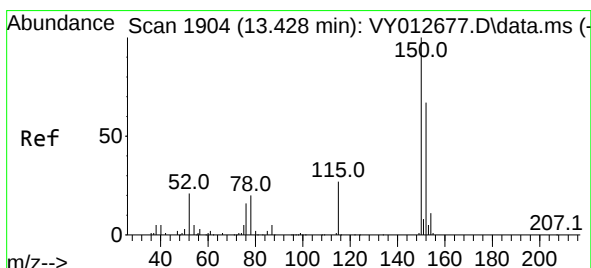
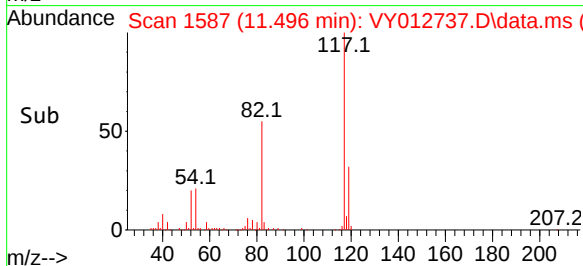
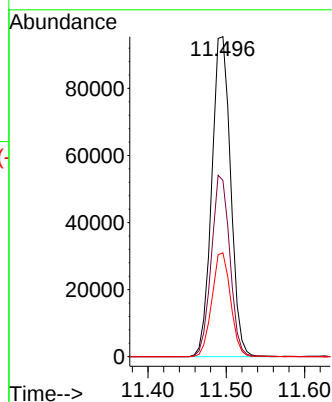
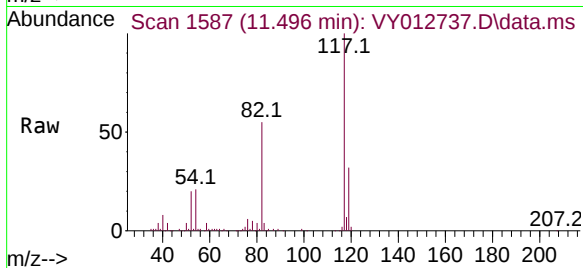
Tgt Ion:117 Resp: 159839

Ion Ratio Lower Upper

117 100

82 55.1 44.1 66.1

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012737.D

Acq: 27 Feb 2023 16:29

Tgt Ion:152 Resp: 68029

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

150 159.3 0.0 347.6

