

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009229.D
 Acq On : 17 Jun 2022 16:05
 Operator : KP/MD
 Sample : N3383-07
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-04-(10-15)

Quant Time: Jun 17 22:54:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

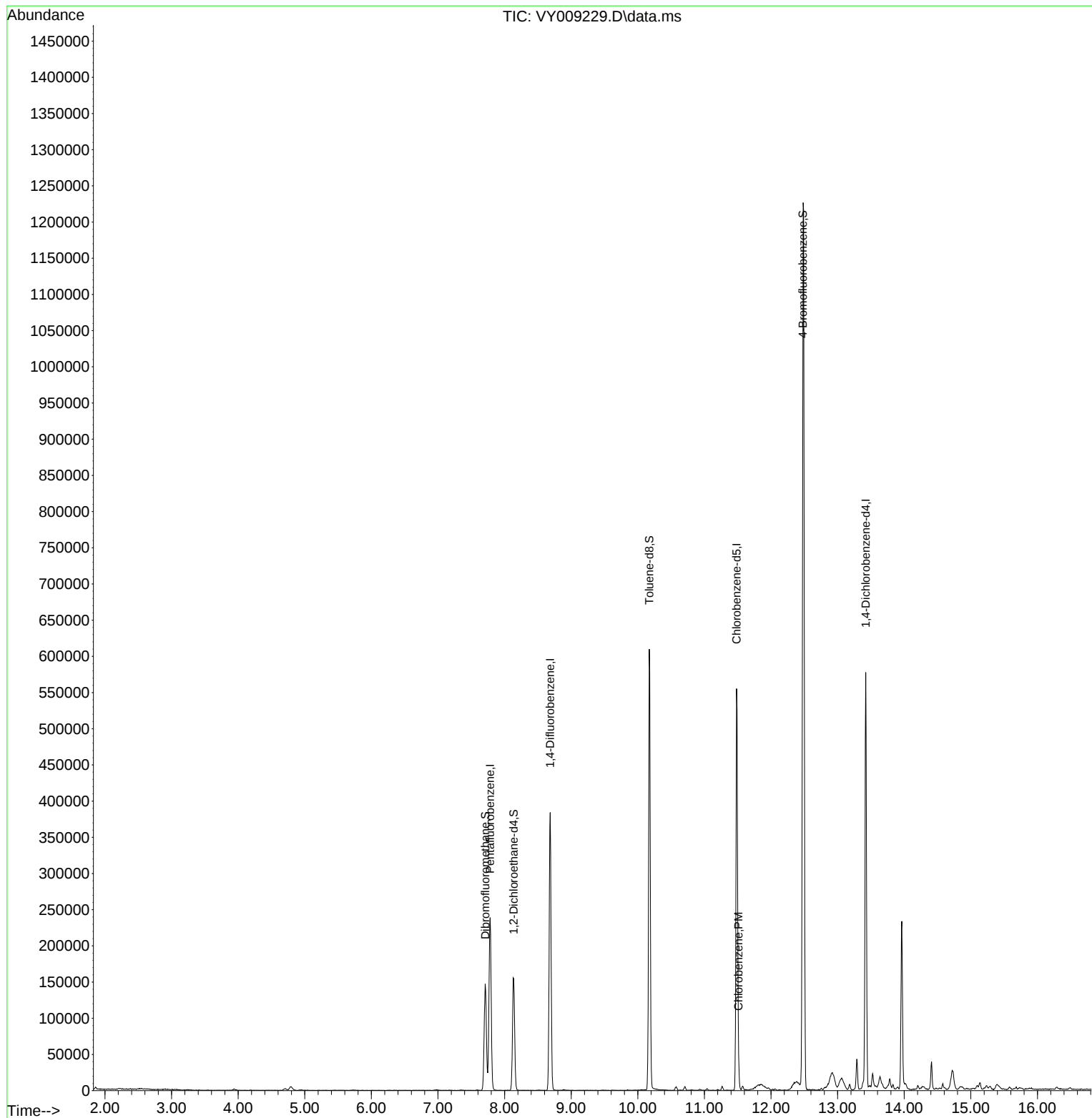
Internal Standards						
1) Pentafluorobenzene	7.783	168	191223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	305854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116667	58.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.820%
35) Dibromofluoromethane	7.710	113	101433	48.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.173	98	388908	49.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.477	95	141483	50.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.780%
Target Compounds						
					Qvalue	
65) Chlorobenzene	11.514	112	13759	2.077	ug/l	96

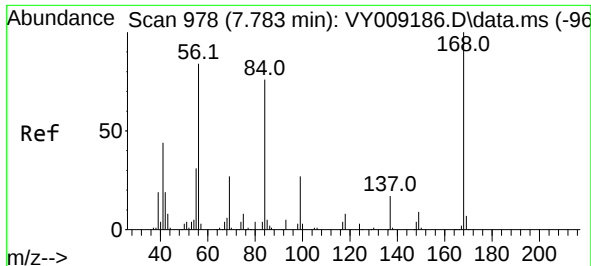
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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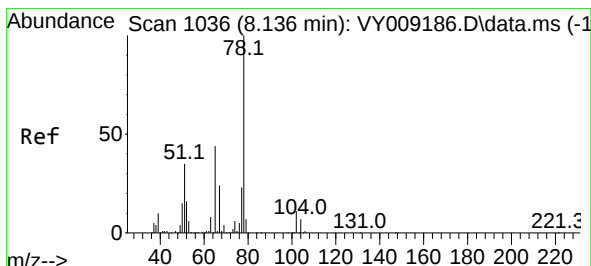
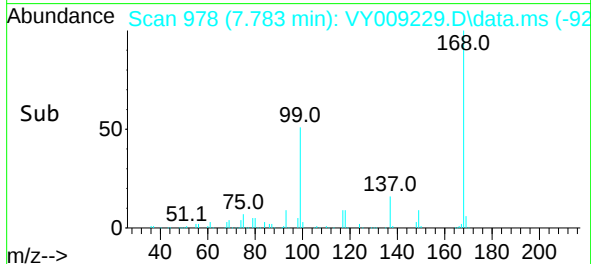
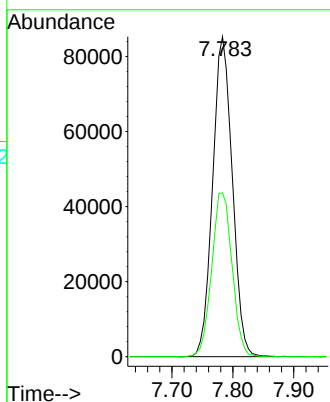
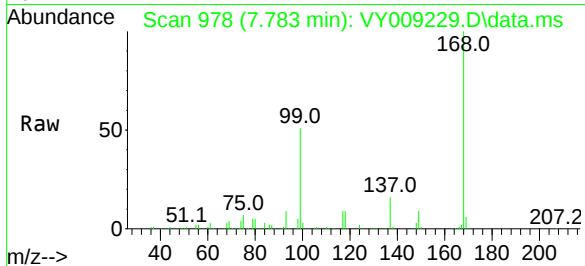




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009229.D
Acq: 17 Jun 2022 16:05

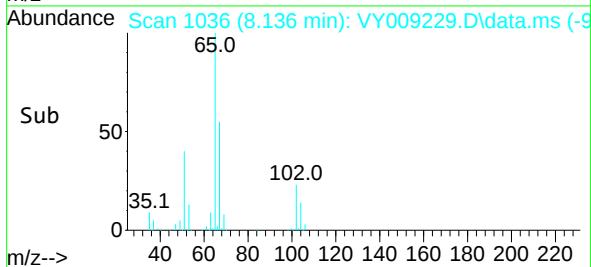
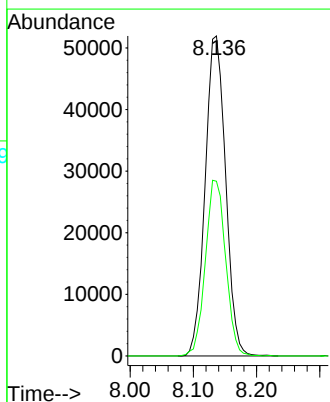
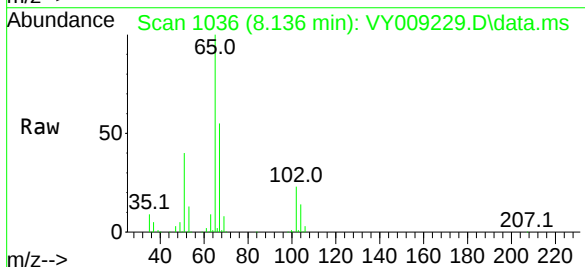
Instrument :
MSVOA_Y
ClientSampleId :
RB-04-(10-15)

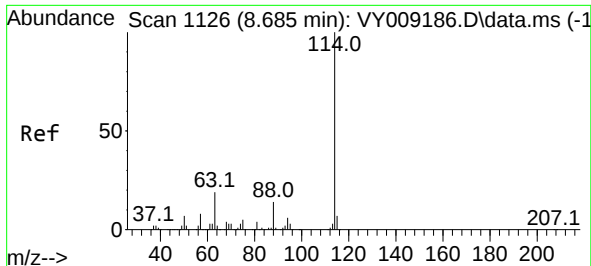
Tgt Ion:168 Resp: 191223
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.406 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009229.D
Acq: 17 Jun 2022 16:05

Tgt Ion: 65 Resp: 116667
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009229.D

Acq: 17 Jun 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

RB-04-(10-15)

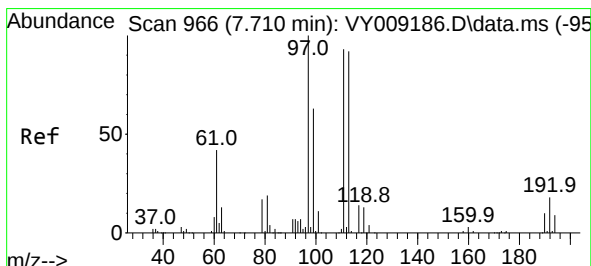
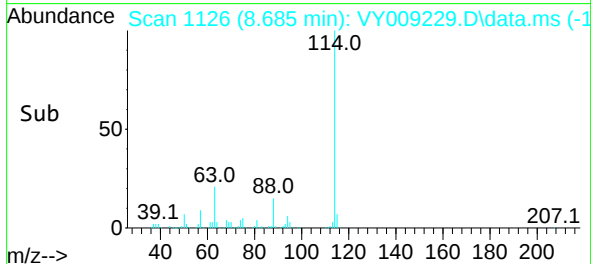
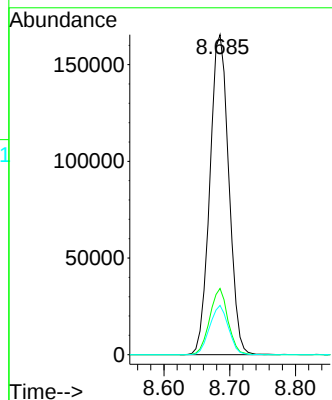
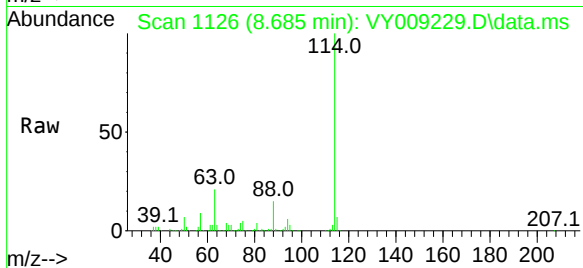
Tgt Ion:114 Resp: 331089

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.864 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009229.D

Acq: 17 Jun 2022 16:05

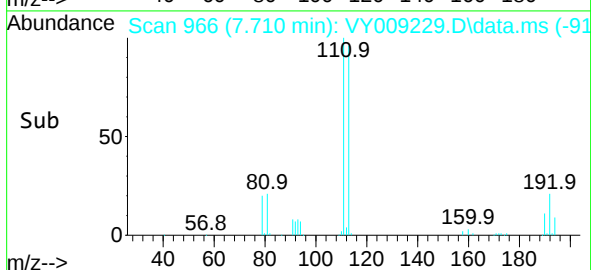
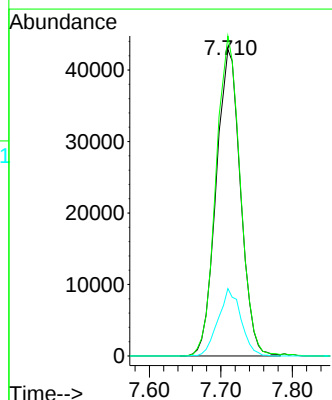
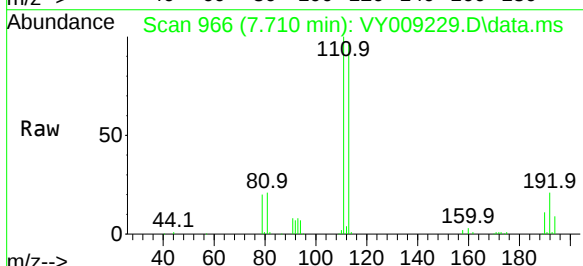
Tgt Ion:113 Resp: 101433

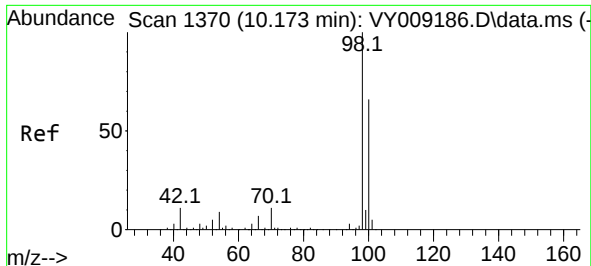
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 20.6 17.6 26.4

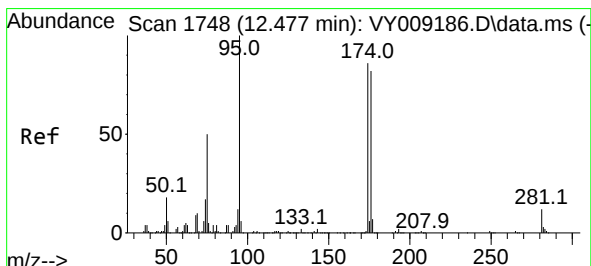
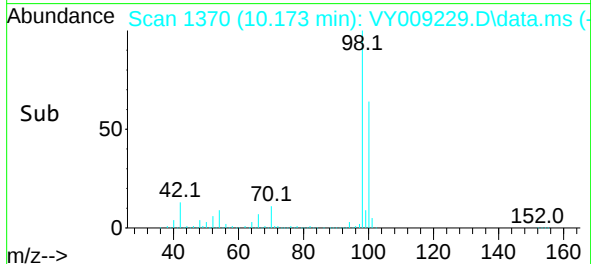
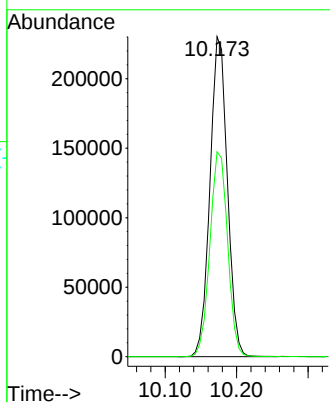
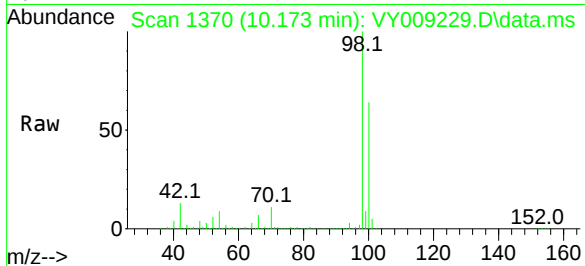




#50
Toluene-d8
Concen: 49.217 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009229.D
Acq: 17 Jun 2022 16:05

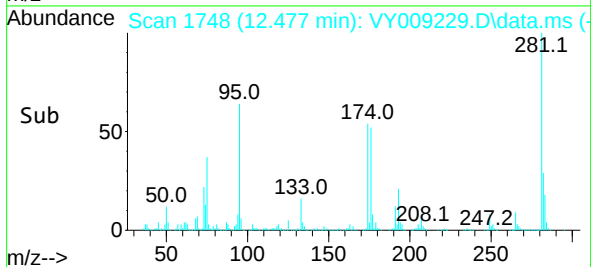
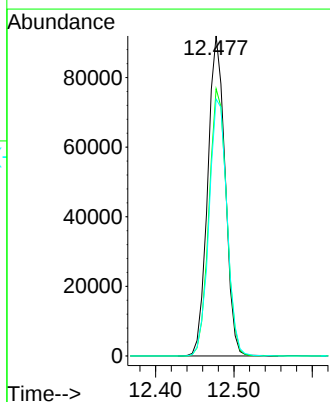
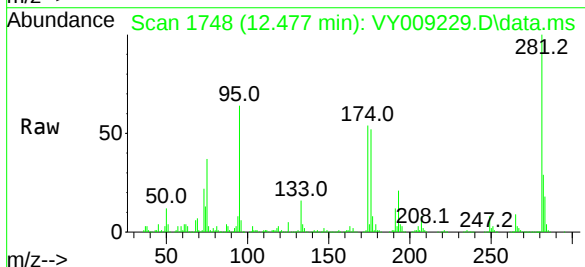
Instrument :
MSVOA_Y
ClientSampleId :
RB-04-(10-15)

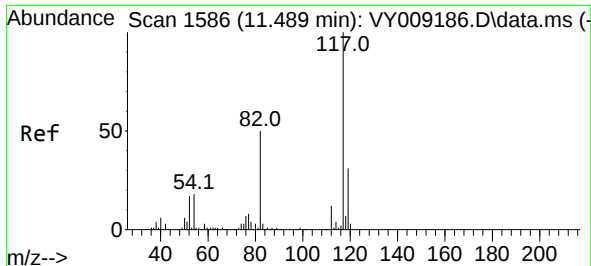
Tgt Ion: 98 Resp: 388908
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.386 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009229.D
Acq: 17 Jun 2022 16:05

Tgt Ion: 95 Resp: 141483
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009229.D

Acq: 17 Jun 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

RB-04-(10-15)

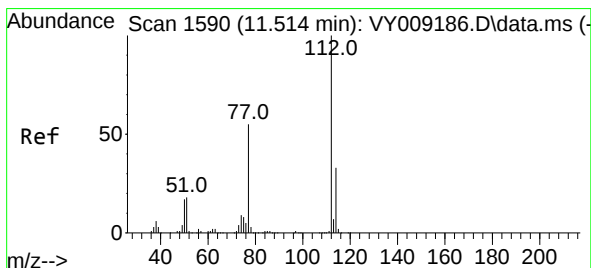
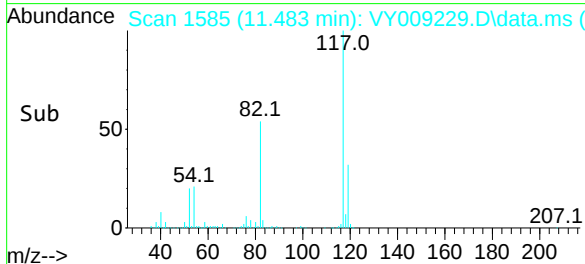
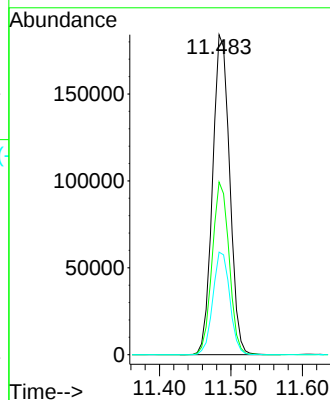
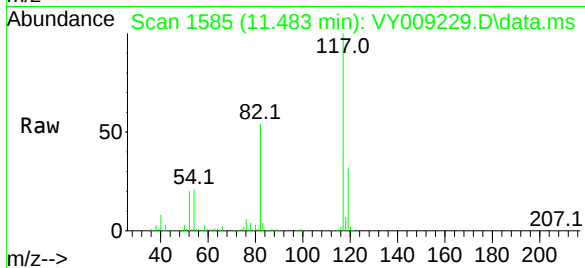
Tgt Ion:117 Resp: 305854

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.1 25.4 38.0



#65

Chlorobenzene

Concen: 2.077 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009229.D

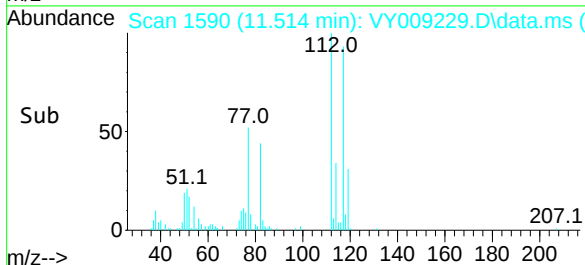
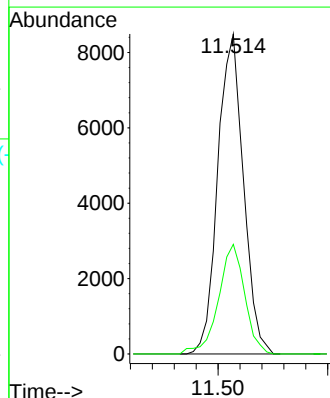
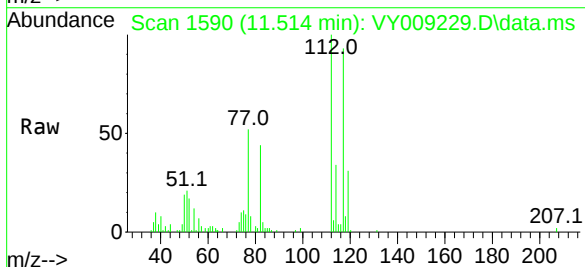
Acq: 17 Jun 2022 16:05

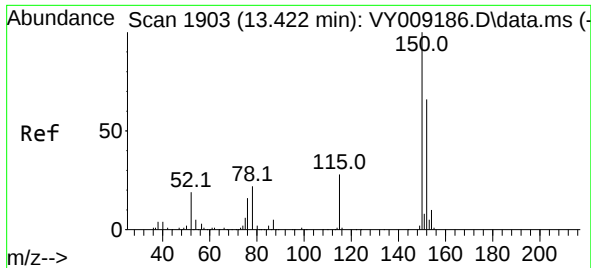
Tgt Ion:112 Resp: 13759

Ion Ratio Lower Upper

112 100

114 34.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009229.D

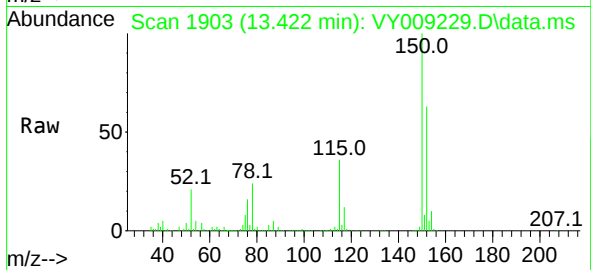
Acq: 17 Jun 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

RB-04-(10-15)



Tgt Ion:152 Resp: 145763

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 156.4 0.0 347.6

