

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011165.D
 Acq On : 28 Oct 2022 18:26
 Operator : KP/MD
 Sample : N5332-01
 Misc : 6.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-4-WC

Quant Time: Oct 28 23:47:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

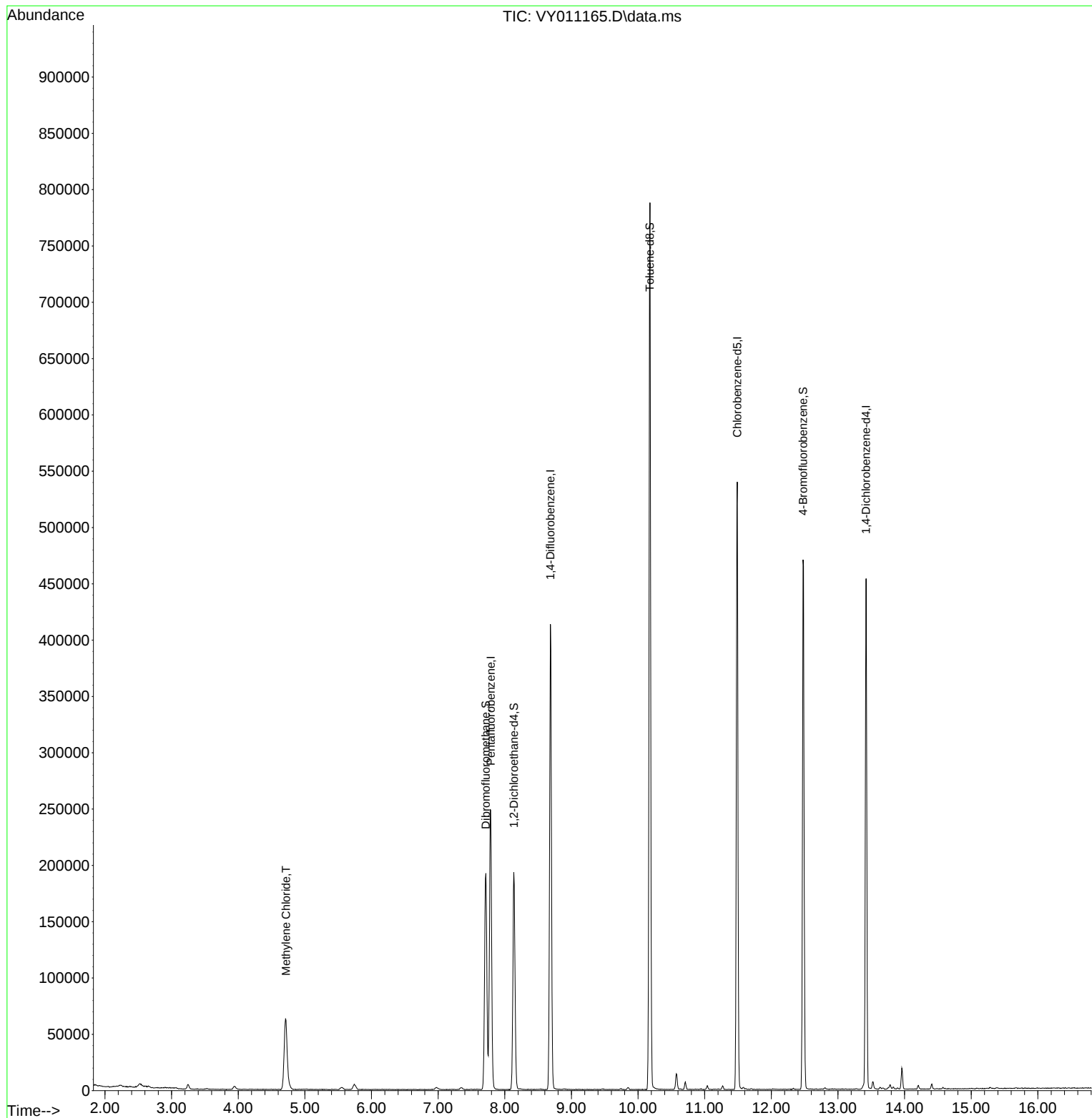
Internal Standards						
1) Pentafluorobenzene	7.789	168	195601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	303292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150327	74.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.660%
35) Dibromofluoromethane	7.716	113	140123	64.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.540%
50) Toluene-d8	10.179	98	517255	59.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.760%
62) 4-Bromofluorobenzene	12.477	95	142381	50.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.760%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	49871	20.421	ug/l	# 83

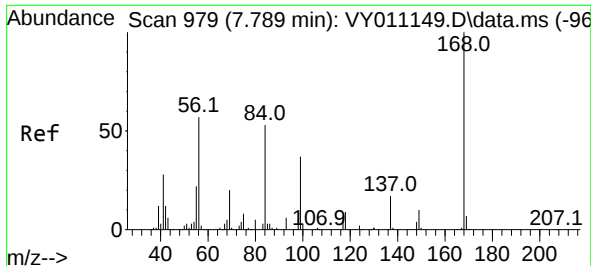
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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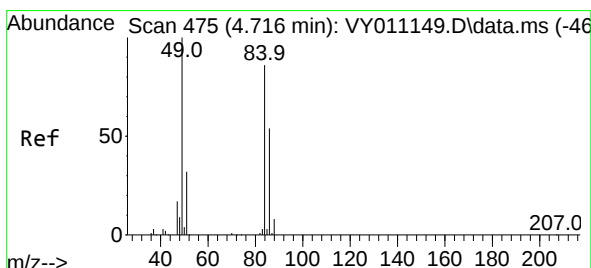
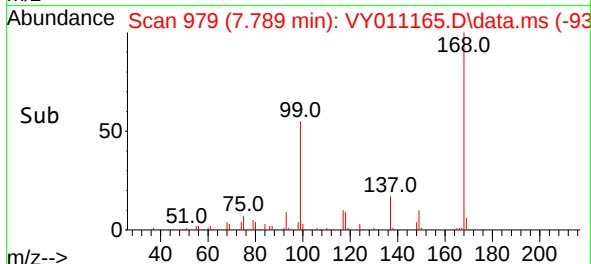
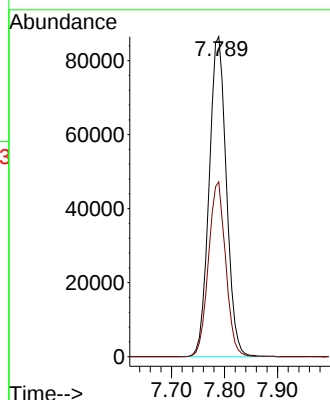
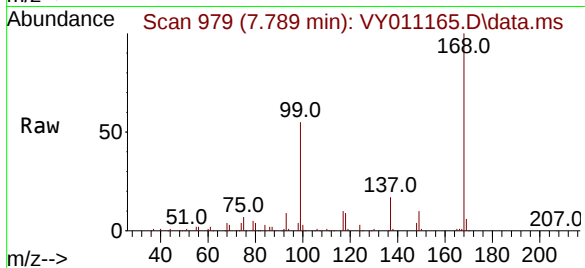




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011165.D
Acq: 28 Oct 2022 18:26

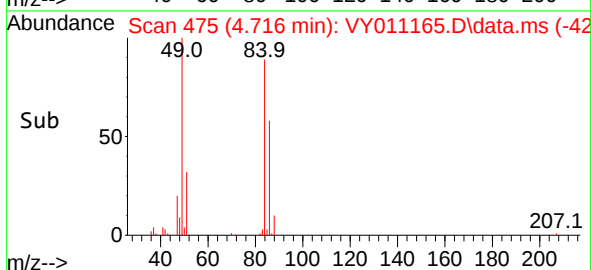
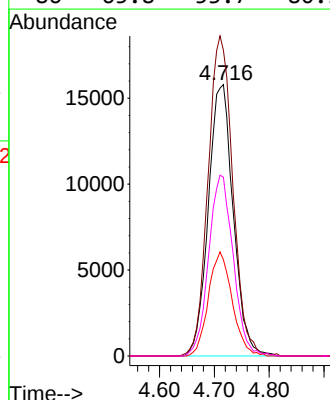
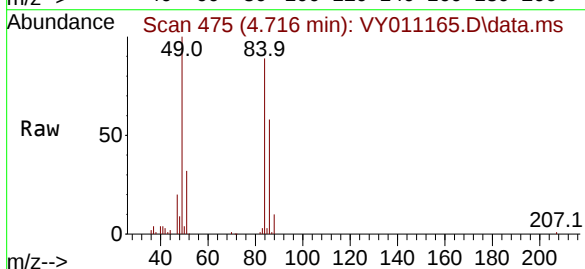
Instrument :
MSVOA_Y
ClientSampleId :
MH-4-WC

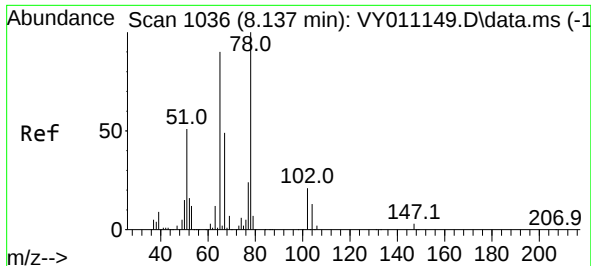
Tgt Ion:168 Resp: 195601
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#20
Methylene Chloride
Concen: 20.421 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011165.D
Acq: 28 Oct 2022 18:26

Tgt Ion: 84 Resp: 49871
Ion Ratio Lower Upper
84 100
49 112.7 114.4 171.6#
51 35.5 35.3 52.9
86 65.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 74.326 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY011165.D

Acq: 28 Oct 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

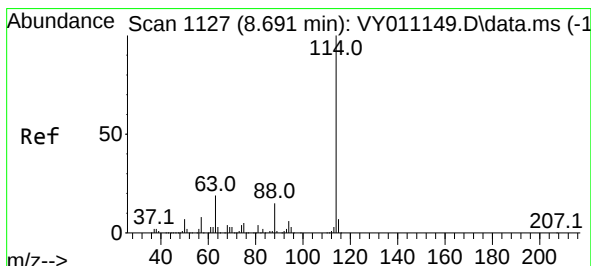
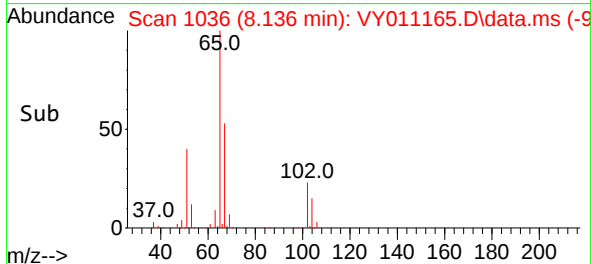
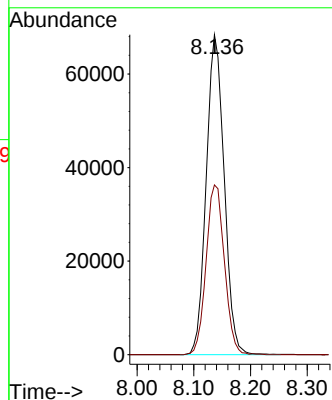
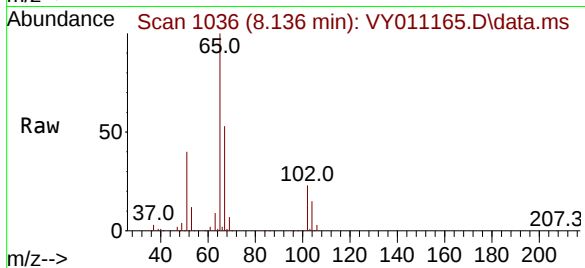
MH-4-WC

Tgt Ion: 65 Resp: 150327

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011165.D

Acq: 28 Oct 2022 18:26

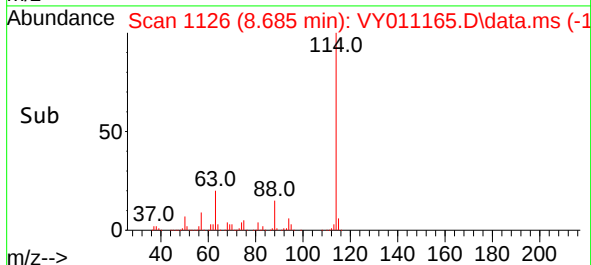
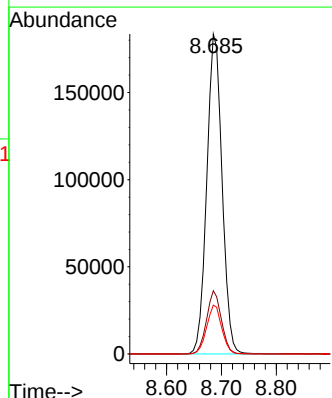
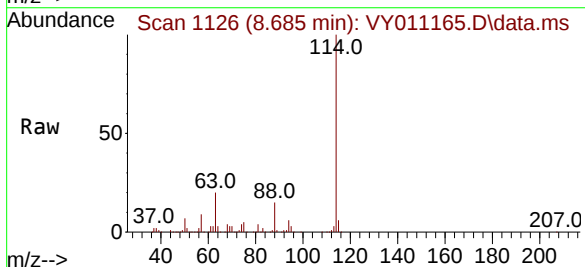
Tgt Ion: 114 Resp: 354543

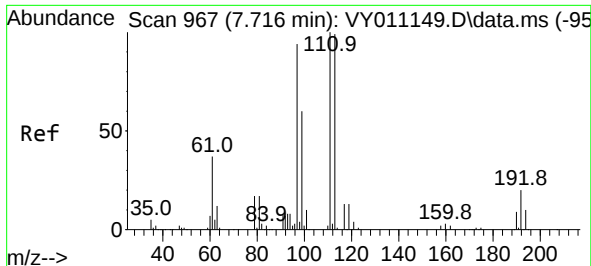
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.2 0.0 31.8

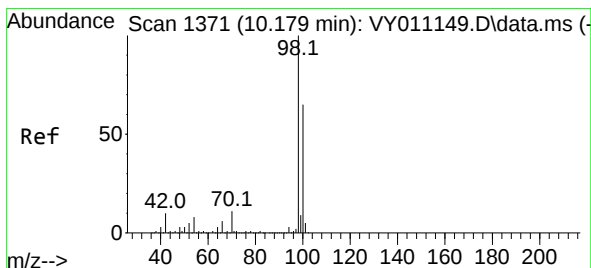
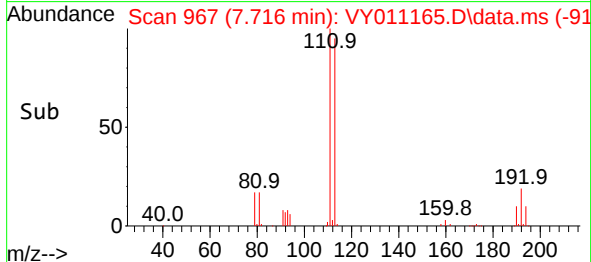
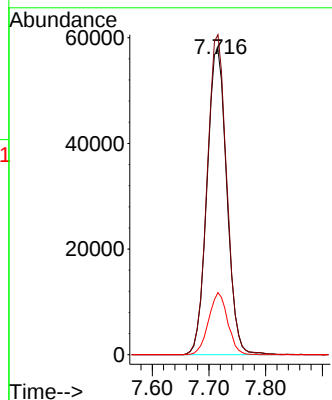
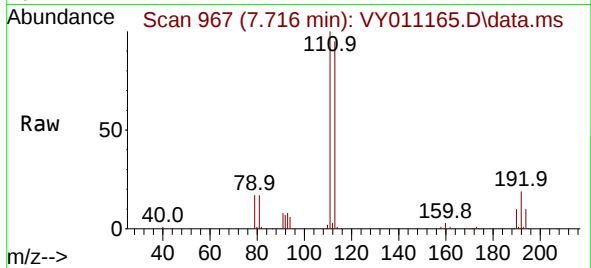




#35
Dibromofluoromethane
Concen: 64.268 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011165.D
Acq: 28 Oct 2022 18:26

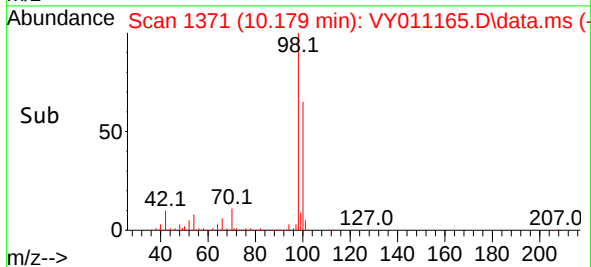
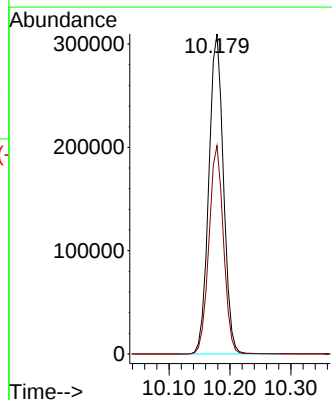
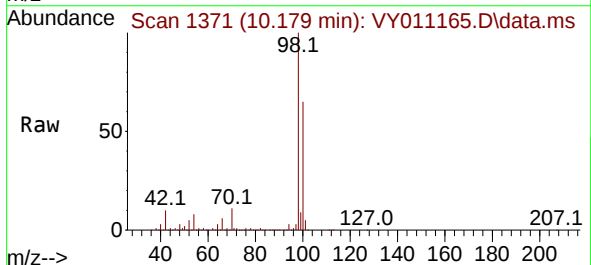
Instrument :
MSVOA_Y
ClientSampleId :
MH-4-WC

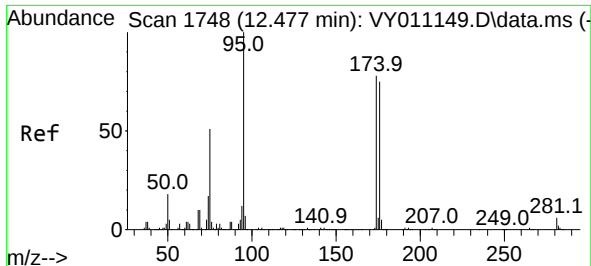
Tgt Ion:113 Resp: 140123
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 59.884 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011165.D
Acq: 28 Oct 2022 18:26

Tgt Ion: 98 Resp: 517255
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 50.377 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011165.D

Acq: 28 Oct 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-4-WC

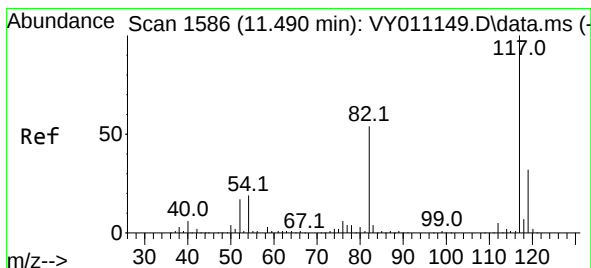
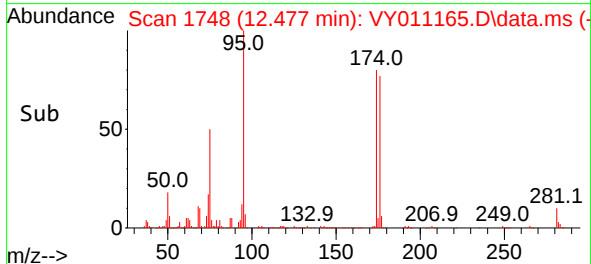
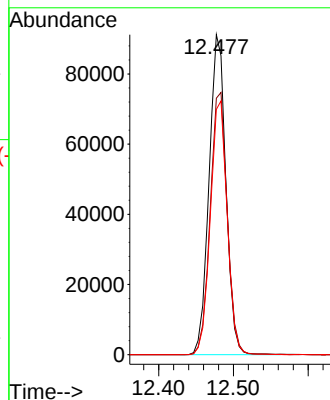
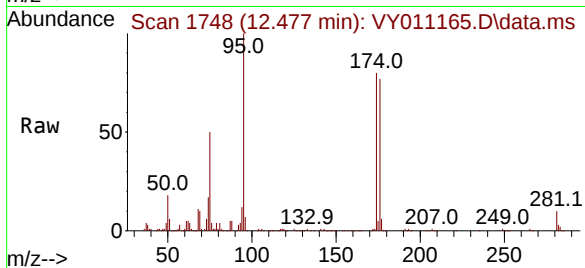
Tgt Ion: 95 Resp: 142381

Ion Ratio Lower Upper

95 100

174 83.1 0.0 177.0

176 79.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011165.D

Acq: 28 Oct 2022 18:26

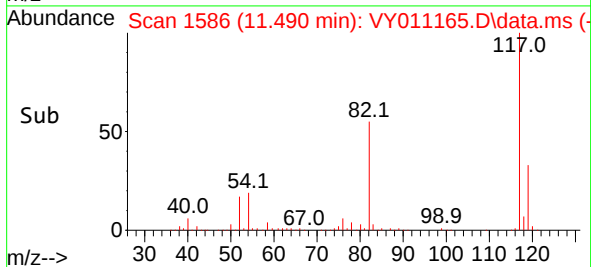
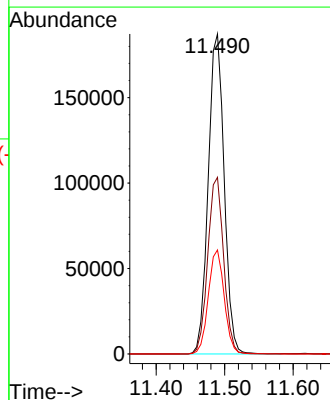
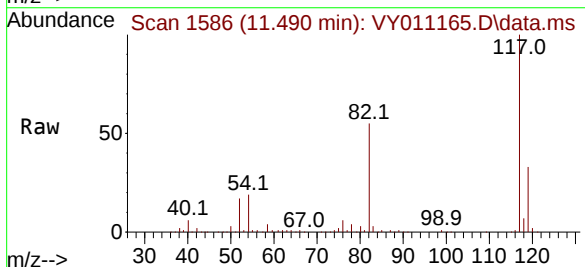
Tgt Ion: 117 Resp: 303292

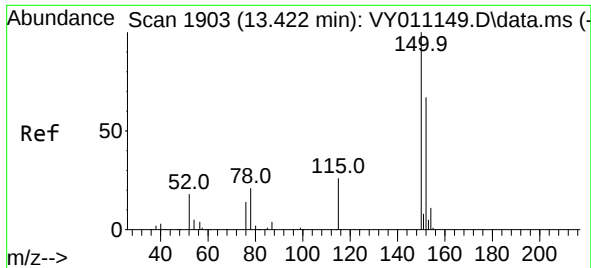
Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.4

119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011165.D

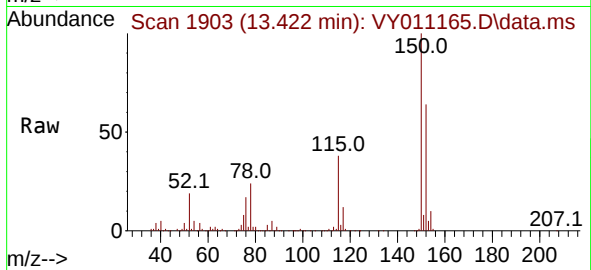
Acq: 28 Oct 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-4-WC



Tgt Ion:152 Resp: 116252

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 156.8 0.0 347.6

