

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009989.D
 Acq On : 12 Aug 2022 16:07
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 13 02:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

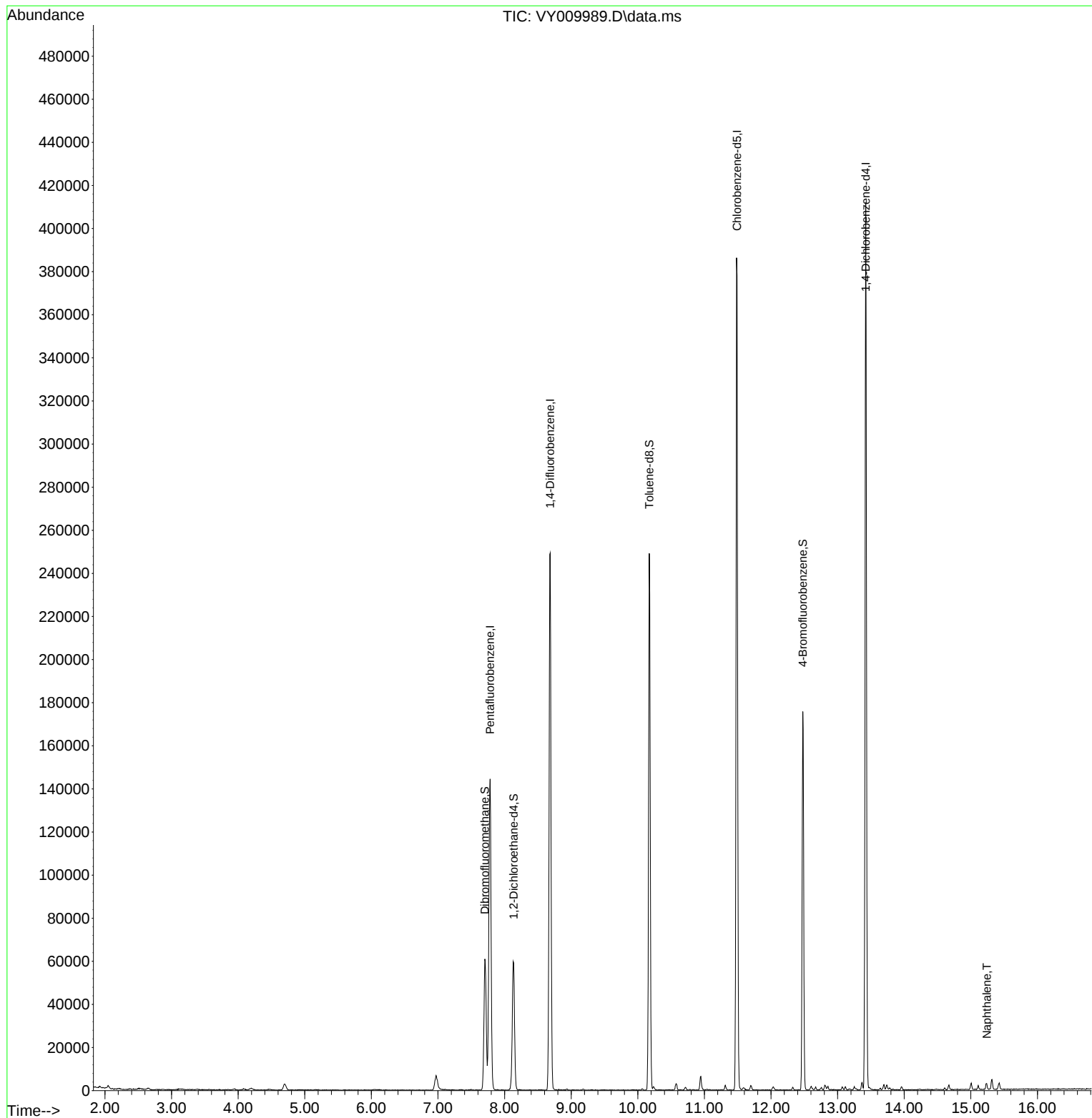
Internal Standards						
1) Pentafluorobenzene	7.783	168	111892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	220832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45423	40.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.040%
35) Dibromofluoromethane	7.704	113	44822	33.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.320%
50) Toluene-d8	10.173	98	166313	32.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	64.220%
62) 4-Bromofluorobenzene	12.477	95	59267	31.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.480%
Target Compounds						
					Qvalue	
95) Naphthalene	15.239	128	2793	3.716	ug/l #	94

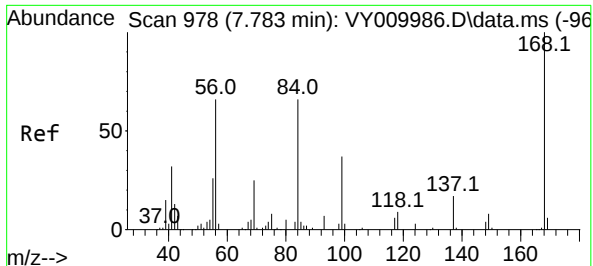
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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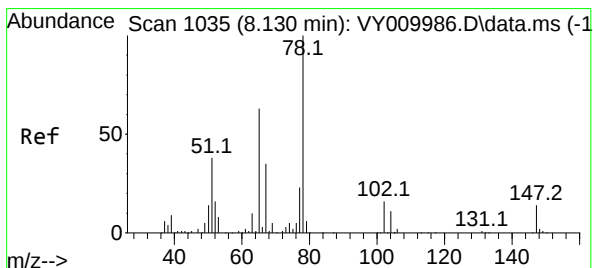
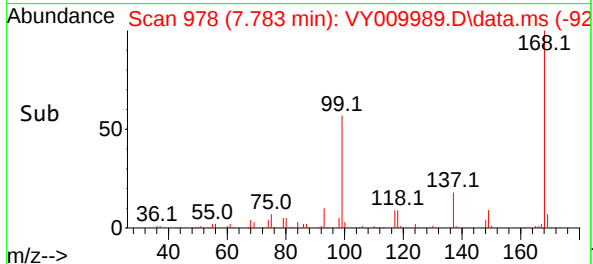
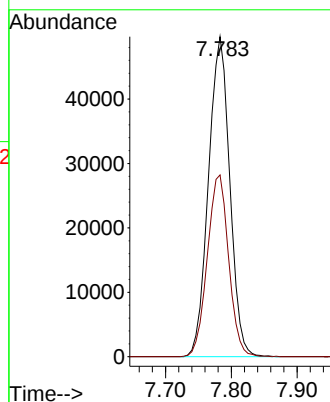
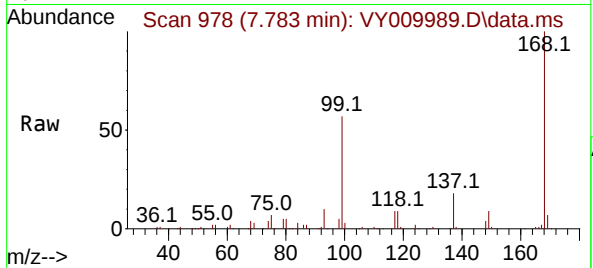




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009989.D
Acq: 12 Aug 2022 16:07

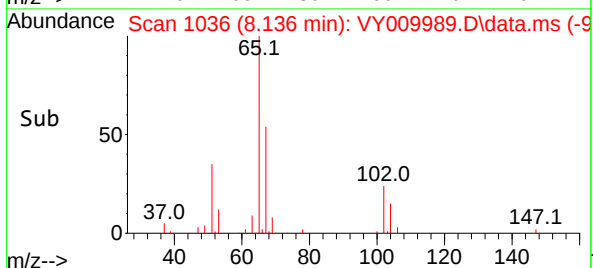
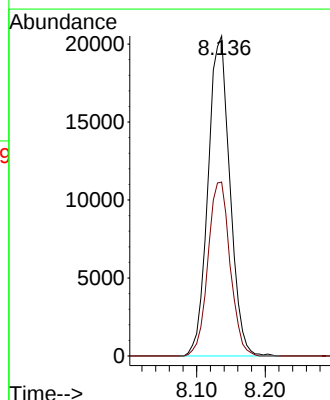
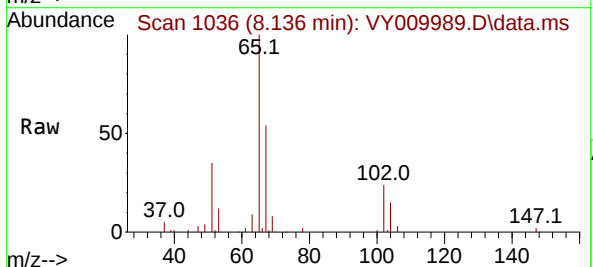
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

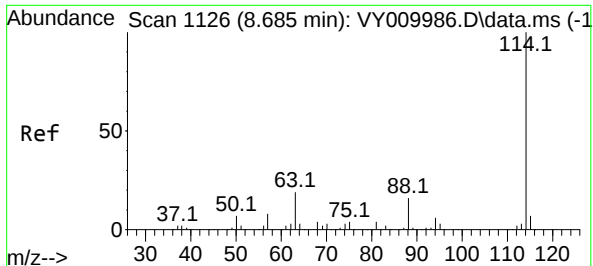
Tgt Ion:168 Resp: 111892
Ion Ratio Lower Upper
168 100
99 56.8 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 40.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009989.D
Acq: 12 Aug 2022 16:07

Tgt Ion: 65 Resp: 45423
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009989.D

Acq: 12 Aug 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

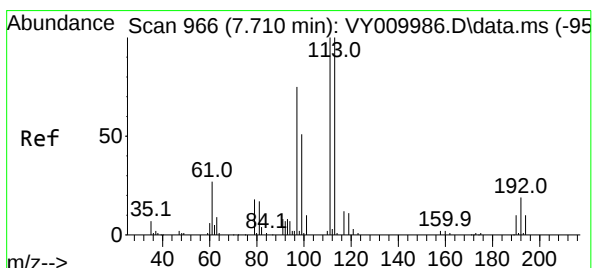
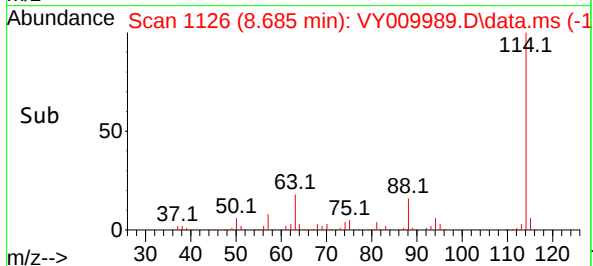
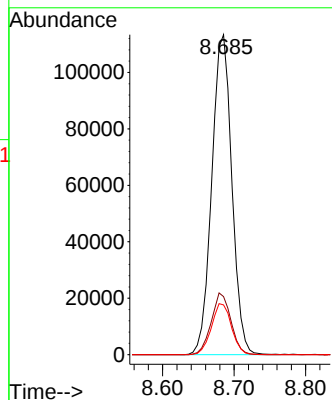
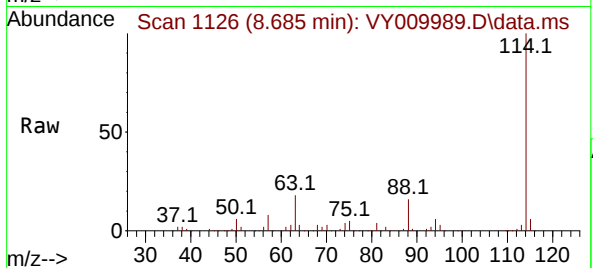
Tgt Ion:114 Resp: 220832

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

88 15.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.163 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009989.D

Acq: 12 Aug 2022 16:07

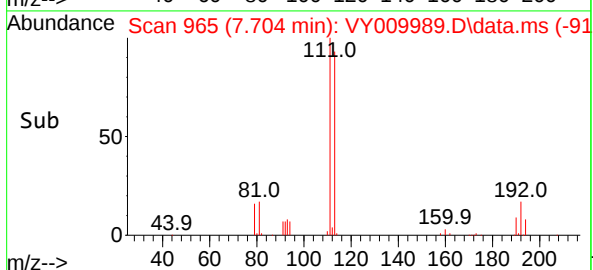
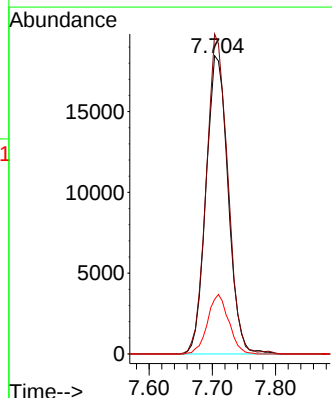
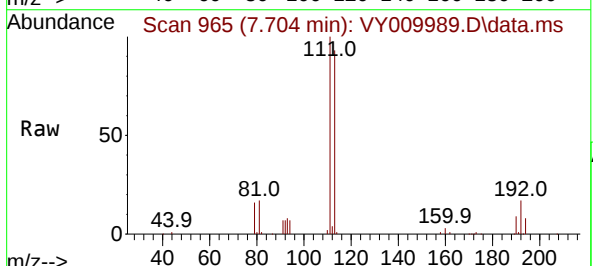
Tgt Ion:113 Resp: 44822

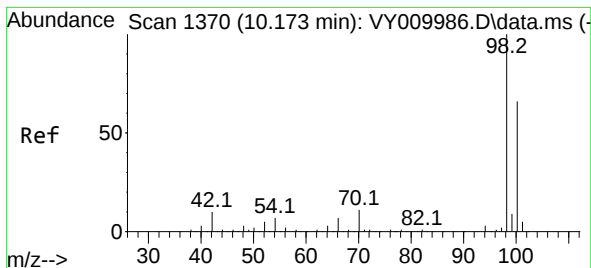
Ion Ratio Lower Upper

113 100

111 104.1 80.6 120.8

192 19.1 16.2 24.4





#50

Toluene-d8

Concen: 32.114 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009989.D

Acq: 12 Aug 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

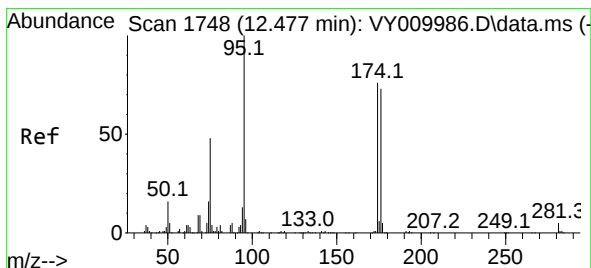
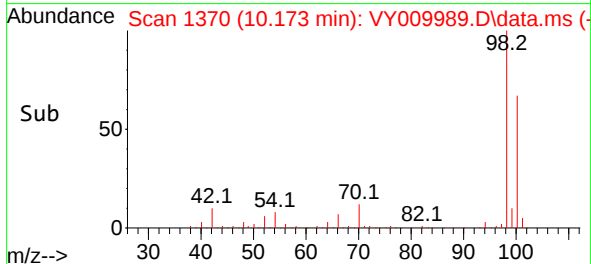
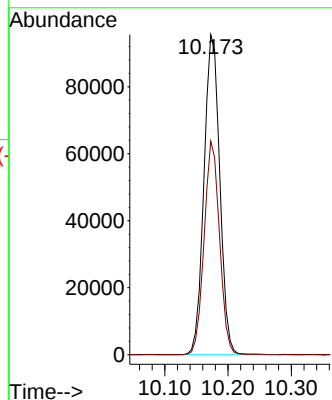
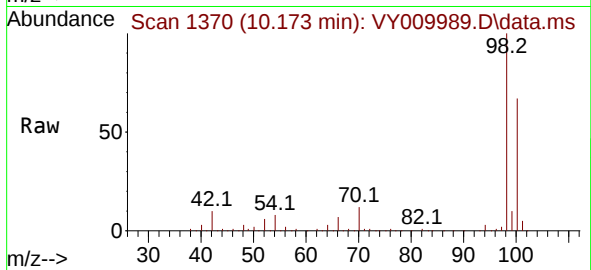
VIBLK

Tgt Ion: 98 Resp: 166313

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 31.235 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009989.D

Acq: 12 Aug 2022 16:07

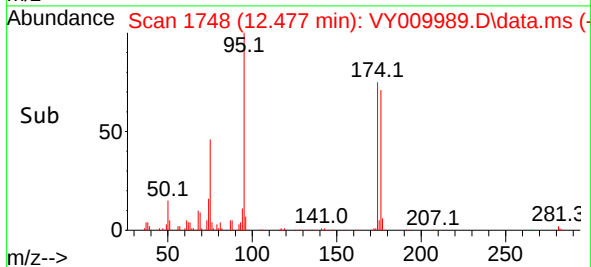
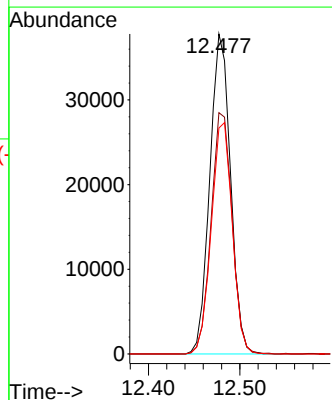
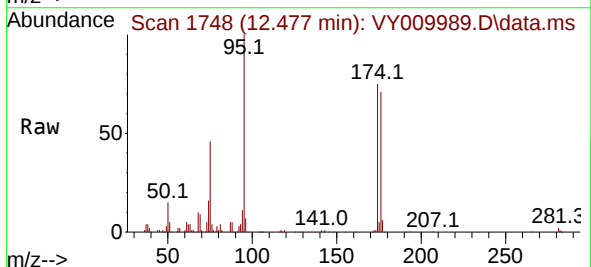
Tgt Ion: 95 Resp: 59267

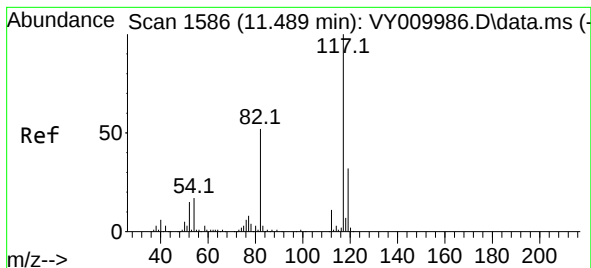
Ion Ratio Lower Upper

95 100

174 76.9 0.0 173.8

176 73.5 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009989.D

Acq: 12 Aug 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

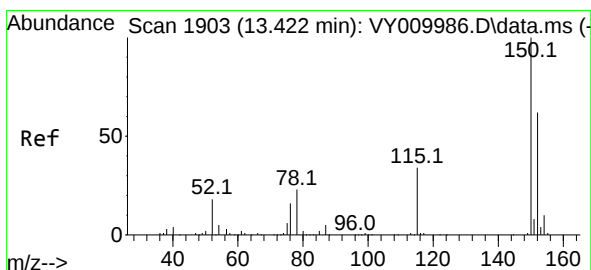
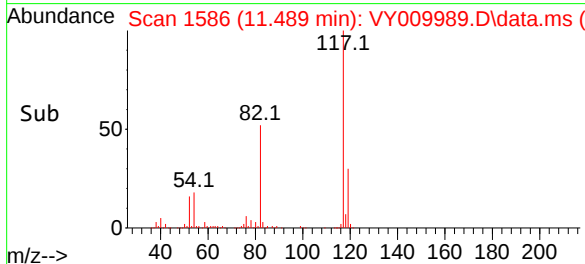
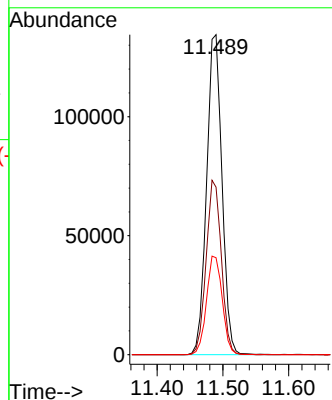
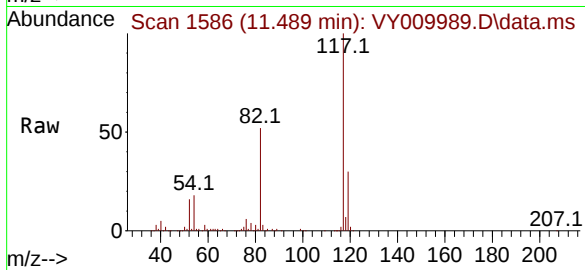
Tgt Ion:117 Resp: 218626

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 30.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009989.D

Acq: 12 Aug 2022 16:07

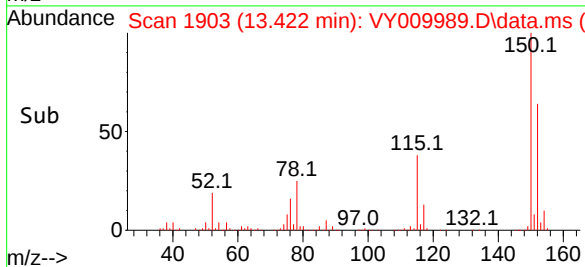
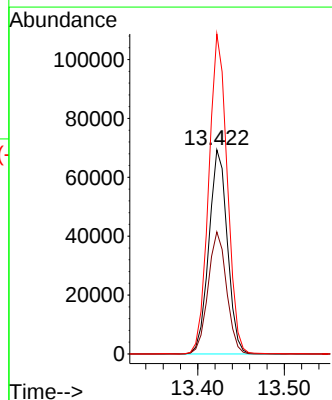
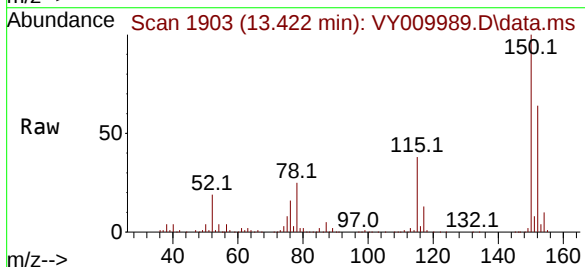
Tgt Ion:152 Resp: 102742

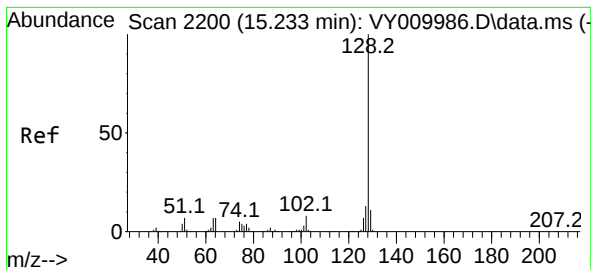
Ion Ratio Lower Upper

152 100

115 59.8 28.6 85.9

150 156.8 0.0 349.8





#95
Naphthalene
Concen: 3.716 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009989.D
Acq: 12 Aug 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 2793
Ion Ratio Lower Upper
128 100
127 9.9 10.6 15.8#
129 10.0 8.8 13.2

