

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010553.D
 Acq On : 19 Sep 2022 14:34
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 20 01:04:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

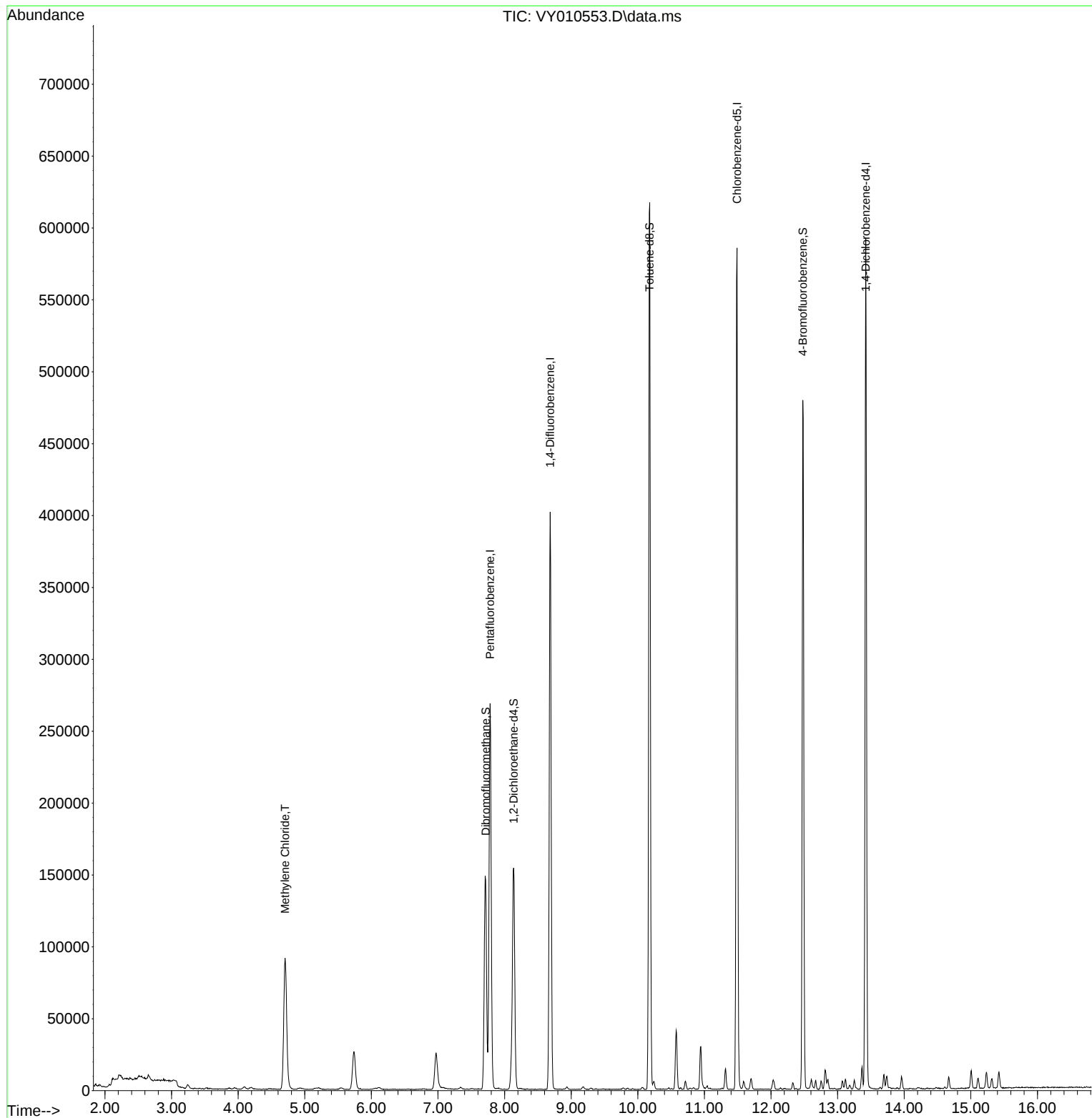
Internal Standards						
1) Pentafluorobenzene	7.783	168	209274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116211	58.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.120%
35) Dibromofluoromethane	7.716	113	107617	47.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.179	98	418974	50.117	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.477	95	143571	46.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.140%
Target Compounds						
20) Methylene Chloride	4.704	84	72298	28.059	ug/l	Qvalue # 83

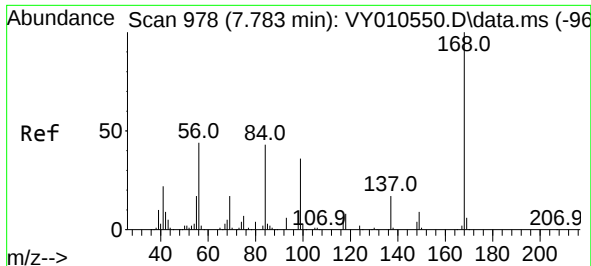
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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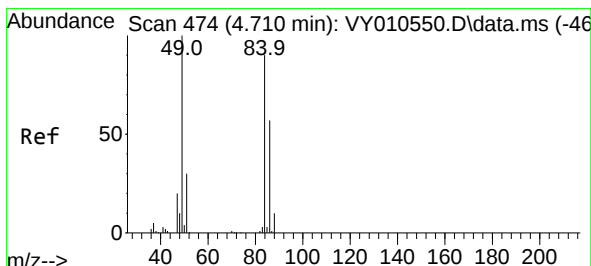
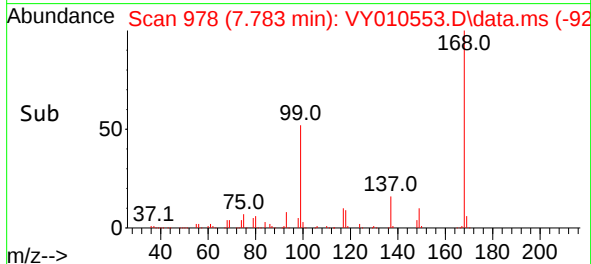
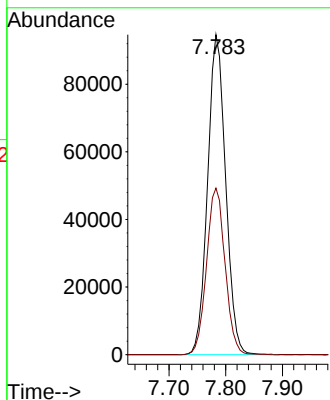
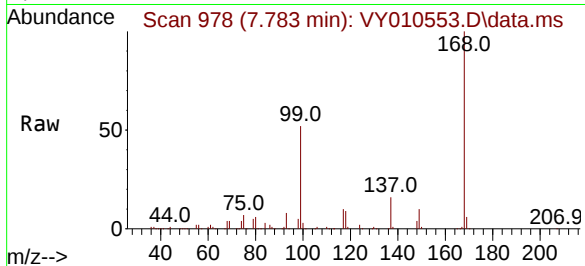




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010553.D
Acq: 19 Sep 2022 14:34

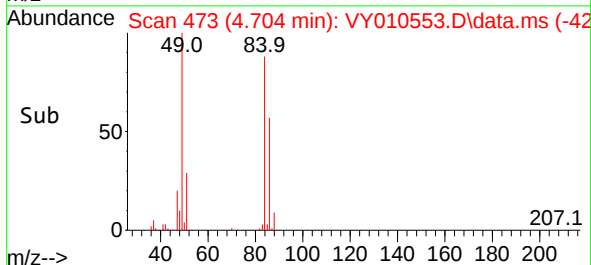
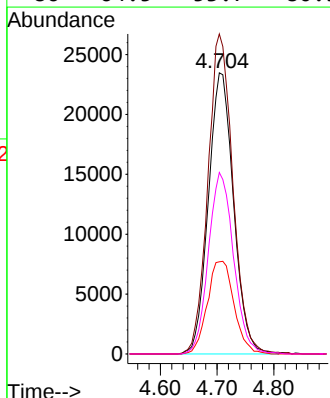
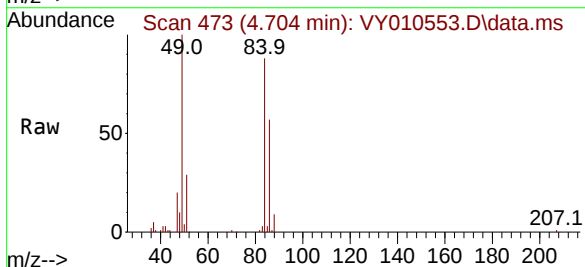
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

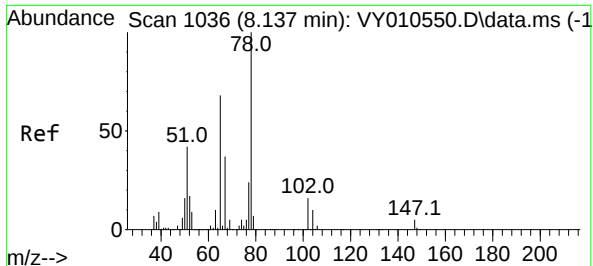
Tgt Ion:168 Resp: 209274
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#20
Methylene Chloride
Concen: 28.059 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010553.D
Acq: 19 Sep 2022 14:34

Tgt Ion: 84 Resp: 72298
Ion Ratio Lower Upper
84 100
49 113.8 114.4 171.6#
51 32.8 35.3 52.9#
86 64.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 58.057 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.001 min

Lab File: VY010553.D

Acq: 19 Sep 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

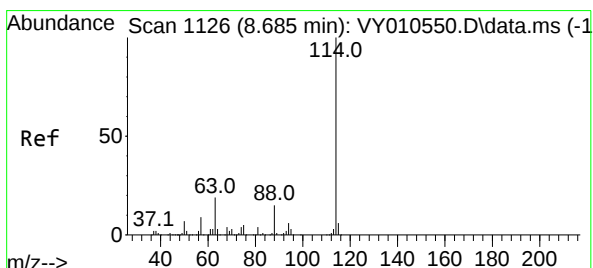
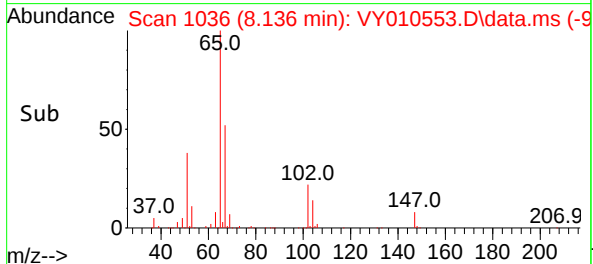
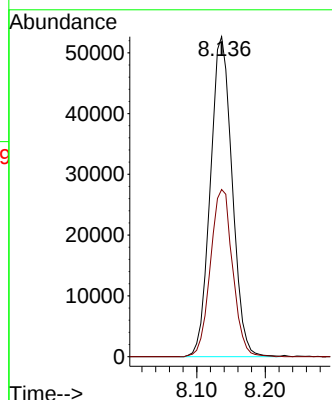
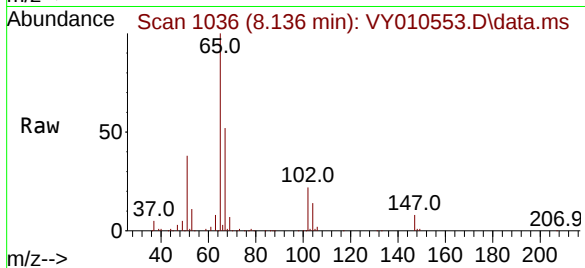
VIBLK

Tgt Ion: 65 Resp: 116211

Ion Ratio Lower Upper

65 100

67 53.3 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: VY010553.D

Acq: 19 Sep 2022 14:34

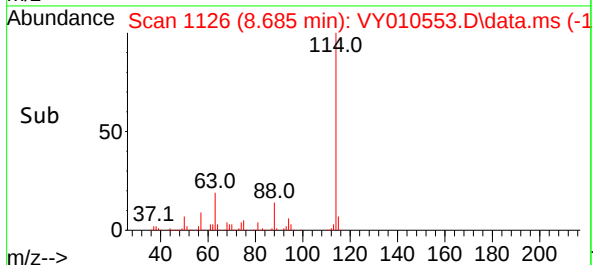
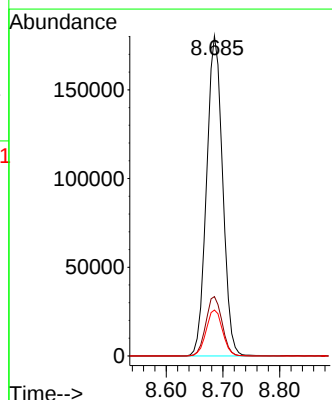
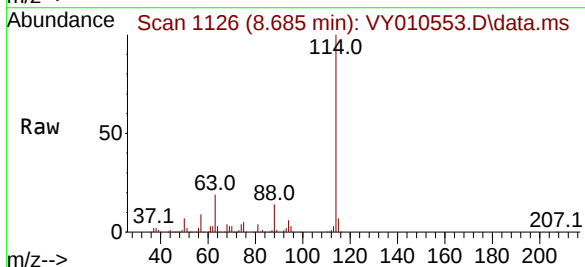
Tgt Ion: 114 Resp: 354381

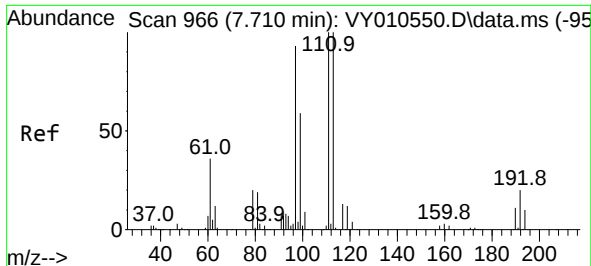
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.3 0.0 31.8

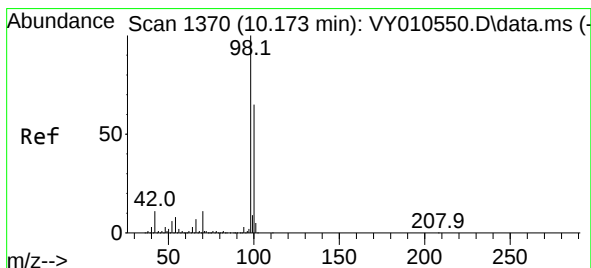
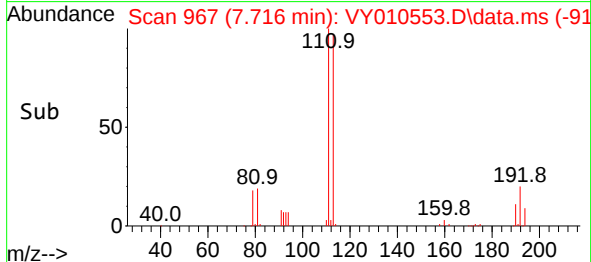
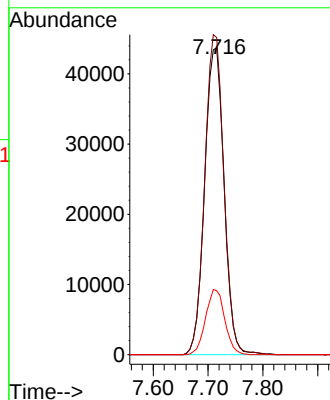
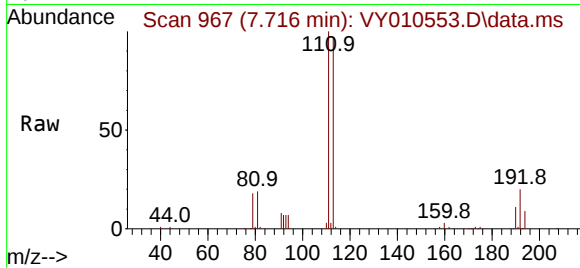




#35
Dibromofluoromethane
Concen: 47.583 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010553.D
Acq: 19 Sep 2022 14:34

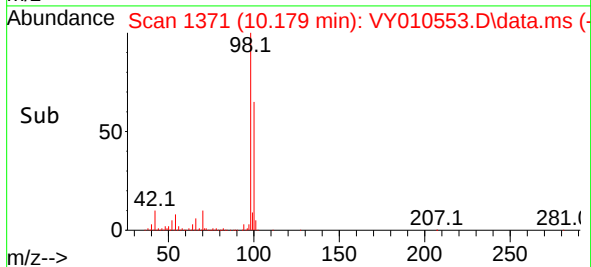
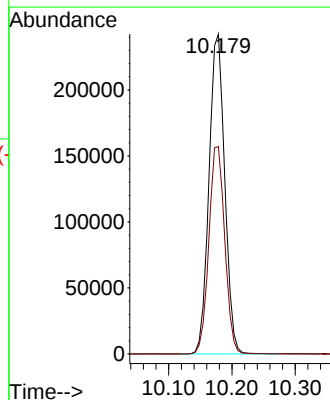
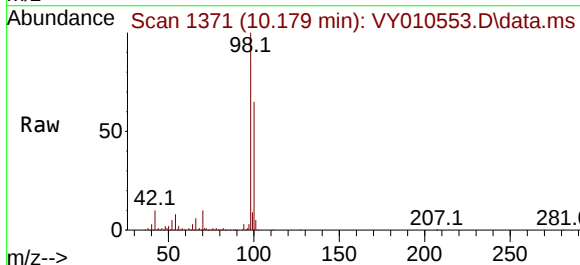
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

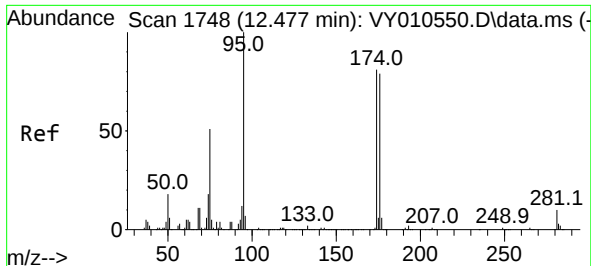
Tgt Ion:113 Resp: 107617
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010553.D
Acq: 19 Sep 2022 14:34

Tgt Ion: 98 Resp: 418974
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 46.070 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010553.D

Acq: 19 Sep 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

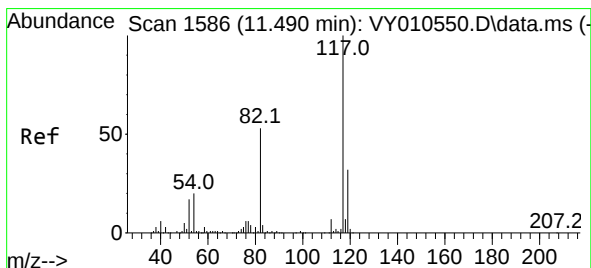
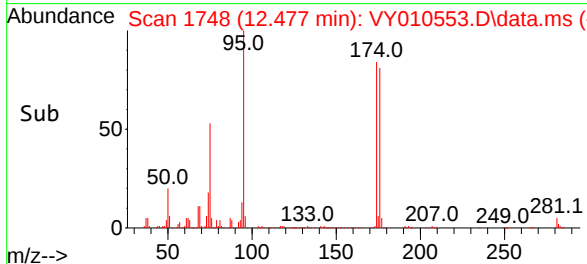
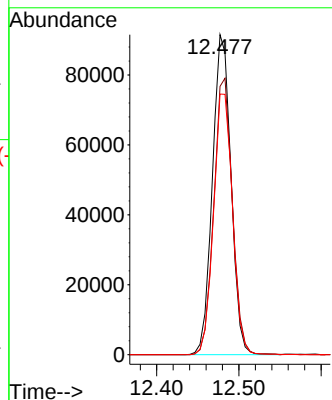
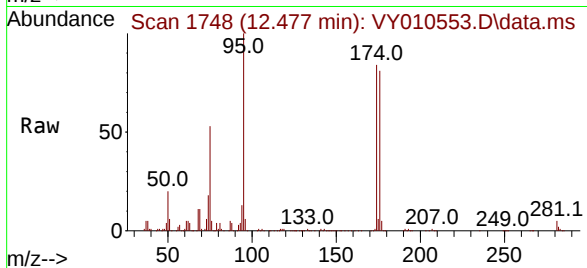
Tgt Ion: 95 Resp: 143571

Ion Ratio Lower Upper

95 100

174 86.4 0.0 177.0

176 83.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010553.D

Acq: 19 Sep 2022 14:34

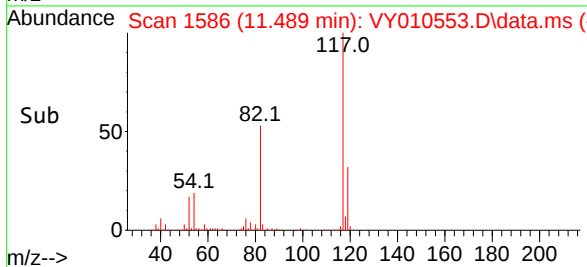
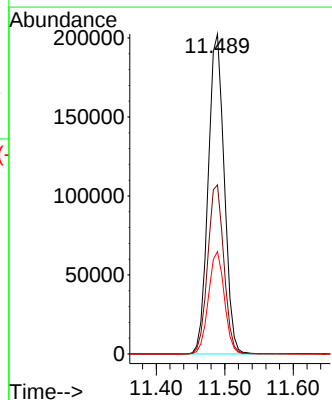
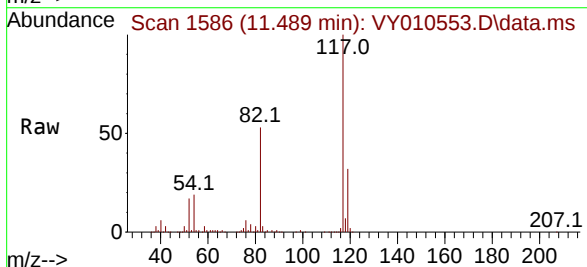
Tgt Ion: 117 Resp: 329959

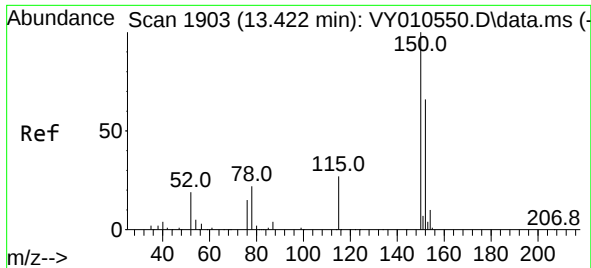
Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 32.0 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: VY010553.D

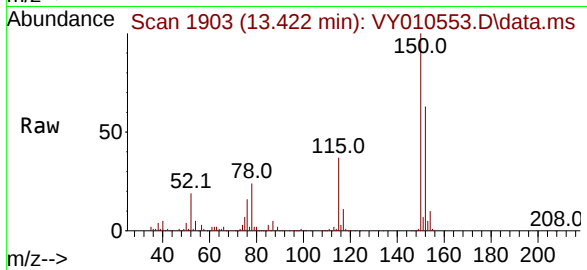
Acq: 19 Sep 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 153299

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.6 0.0 347.6

