

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007161.D
 Acq On : 14 Jan 2022 12:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 14 14:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

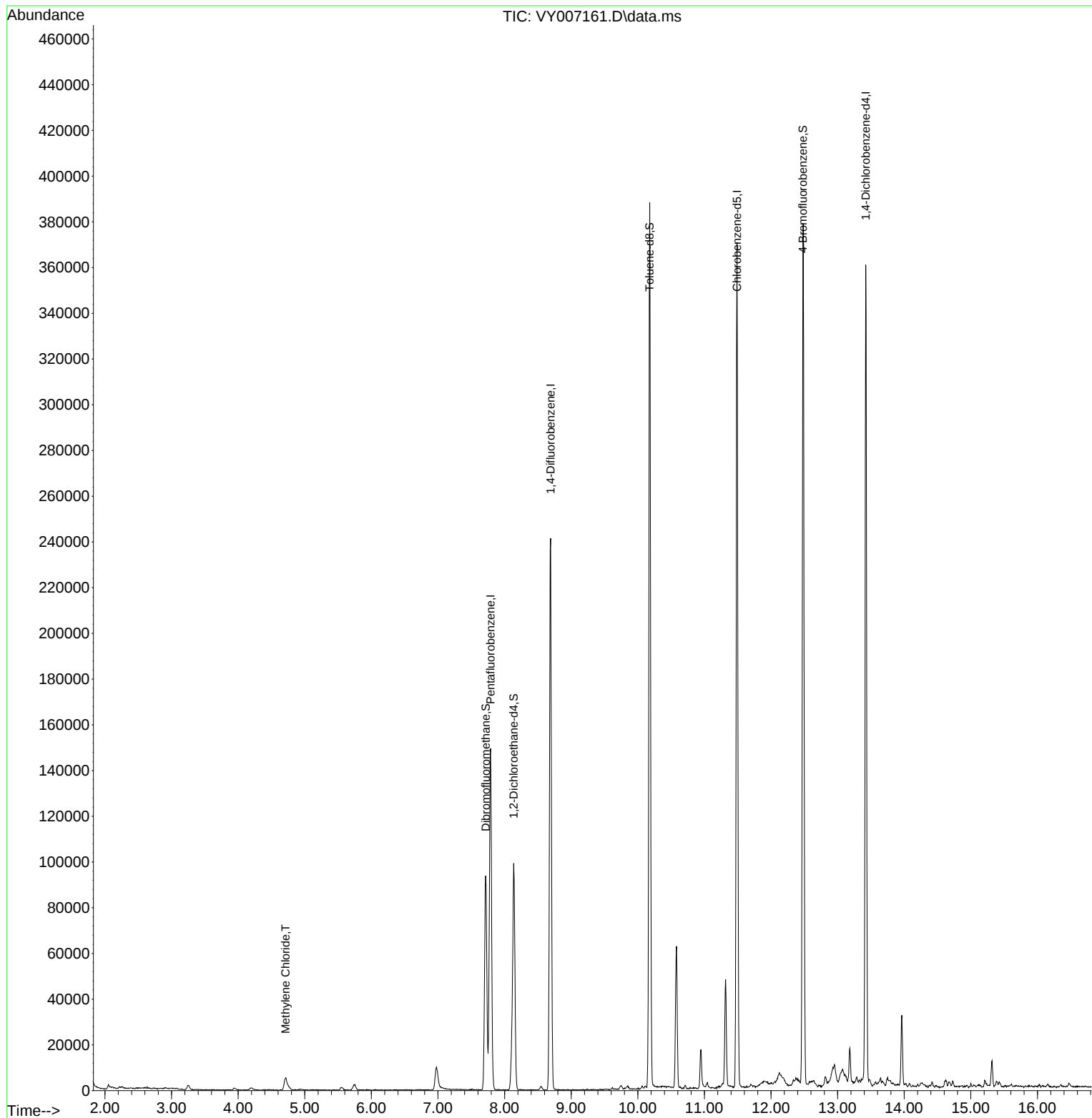
Internal Standards						
1) Pentafluorobenzene	7.789	168	110671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70840	52.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.716	113	67353	49.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.060%	
50) Toluene-d8	10.179	98	250285	49.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.477	95	92813	51.985	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.960%	
Target Compounds						
20) Methylene Chloride	4.710	84	3966	2.721	ug/l	Qvalue # 93

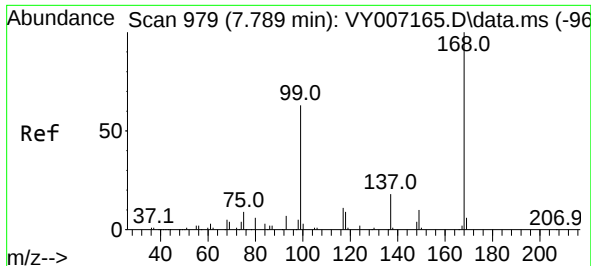
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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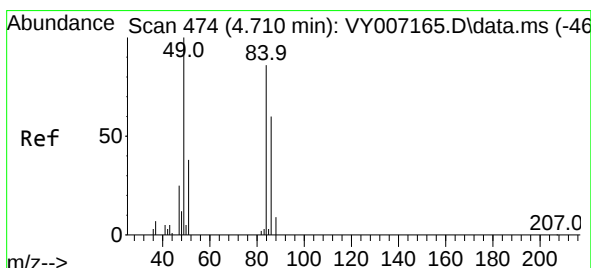
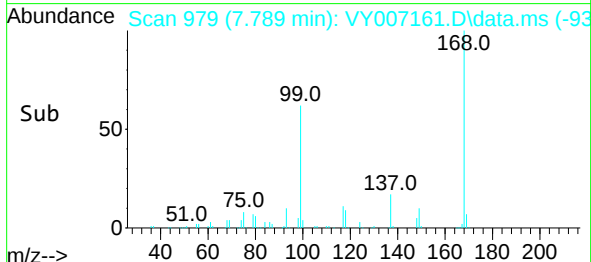
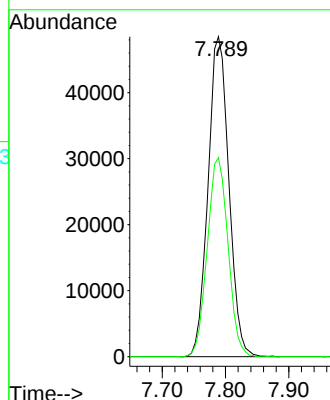
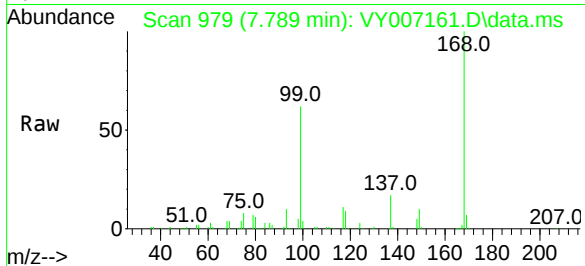




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007161.D
Acq: 14 Jan 2022 12:14

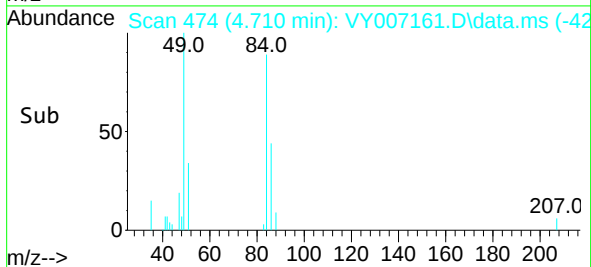
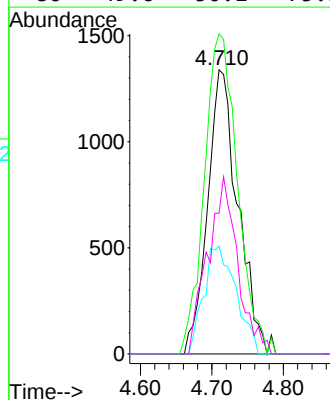
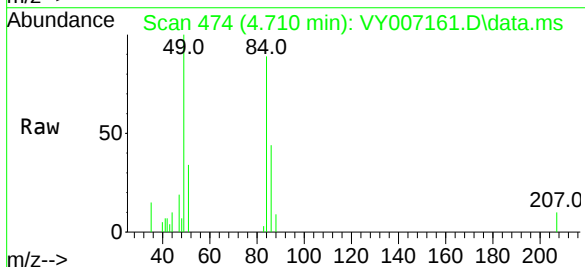
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

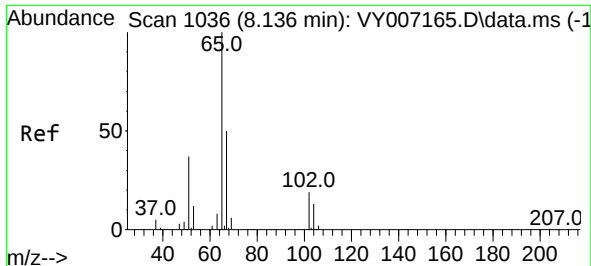
Tgt Ion:168 Resp: 110671
Ion Ratio Lower Upper
168 100
99 62.2 49.1 73.7



#20
Methylene Chloride
Concen: 2.721 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY007161.D
Acq: 14 Jan 2022 12:14

Tgt Ion: 84 Resp: 3966
Ion Ratio Lower Upper
84 100
49 112.6 92.6 139.0
51 37.9 28.6 42.8
86 49.6 50.1 75.1#





#33

1,2-Dichloroethane-d4

Concen: 52.167 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY007161.D

Acq: 14 Jan 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

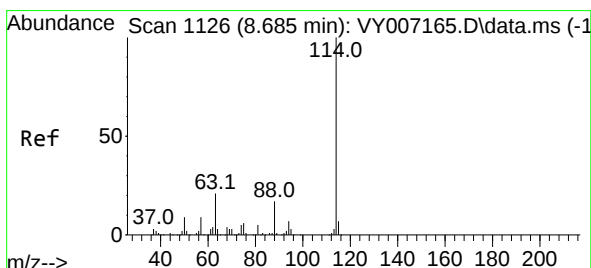
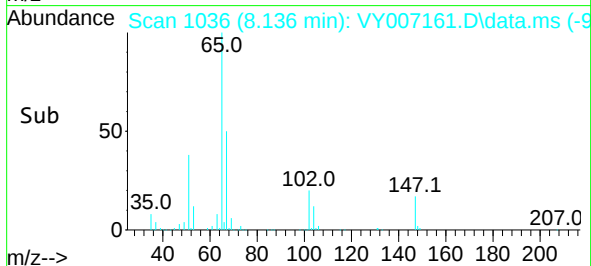
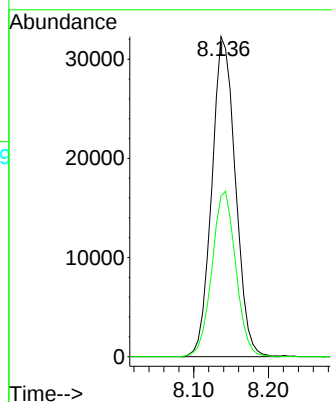
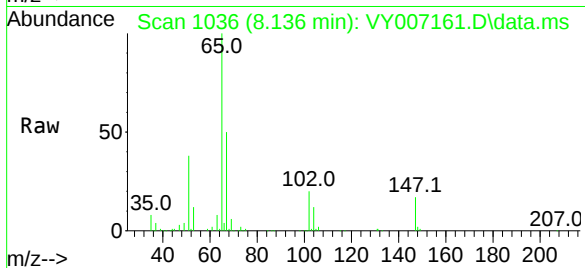
VIBLK

Tgt Ion: 65 Resp: 70840

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007161.D

Acq: 14 Jan 2022 12:14

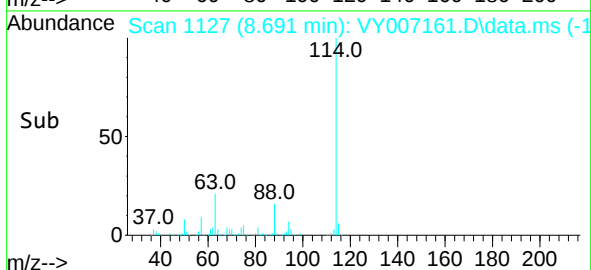
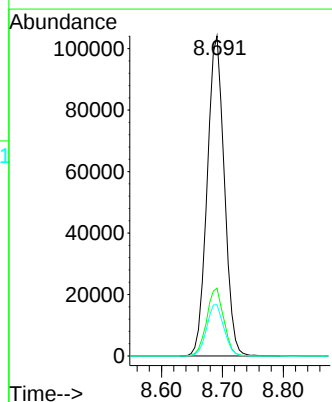
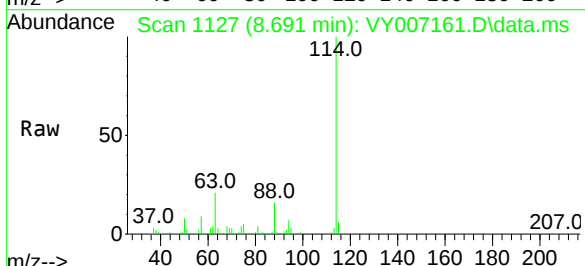
Tgt Ion: 114 Resp: 203143

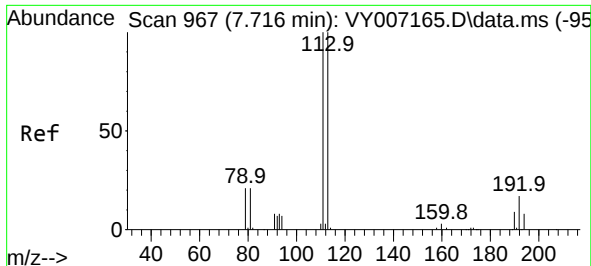
Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.2

88 16.1 0.0 31.0

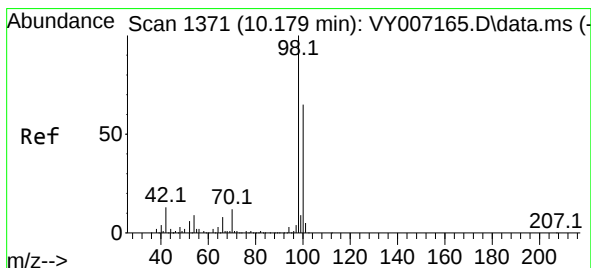
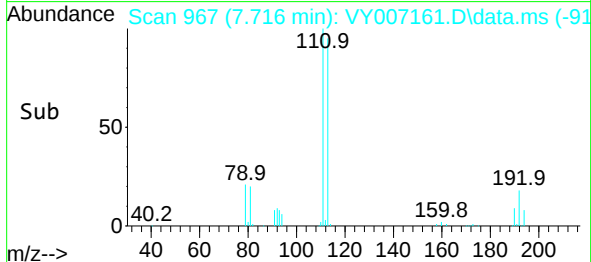
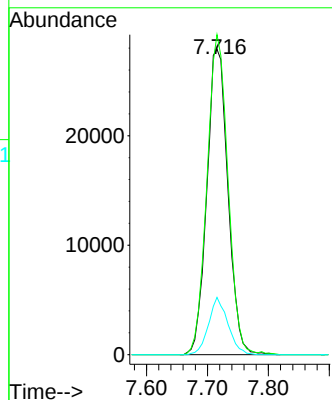
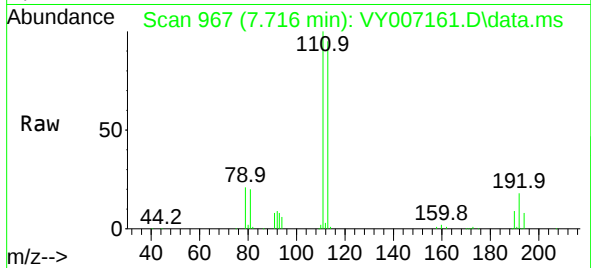




#35
Dibromofluoromethane
Concen: 49.033 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007161.D
Acq: 14 Jan 2022 12:14

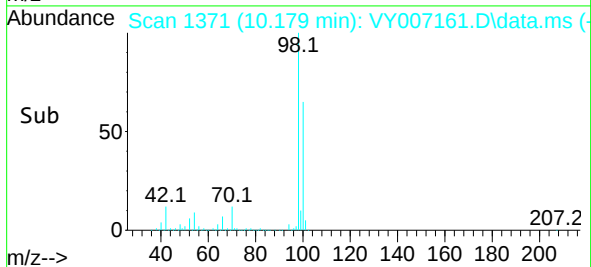
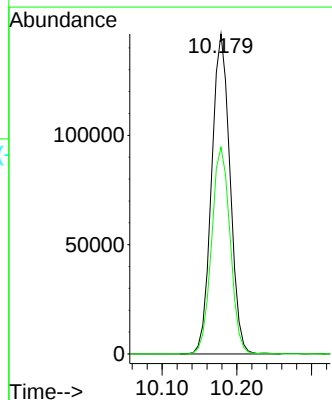
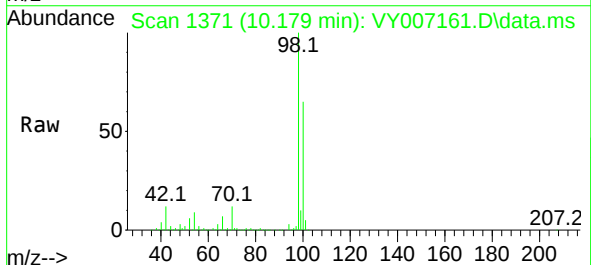
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

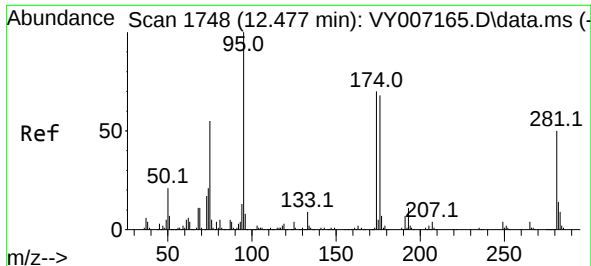
Tgt Ion:113 Resp: 67353
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007161.D
Acq: 14 Jan 2022 12:14

Tgt Ion: 98 Resp: 250285
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 51.985 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007161.D

Acq: 14 Jan 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

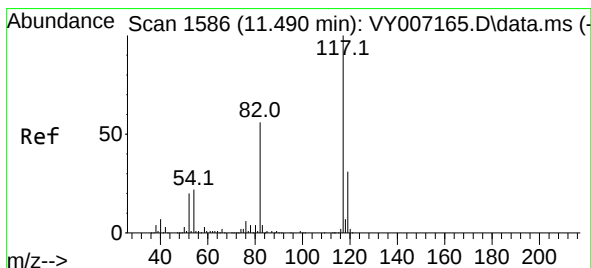
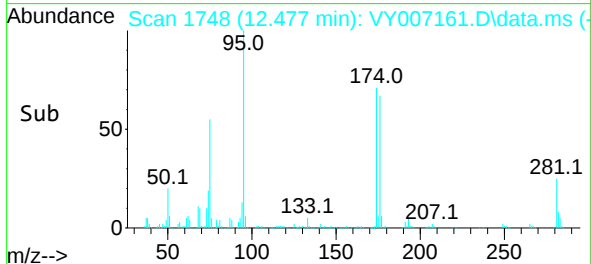
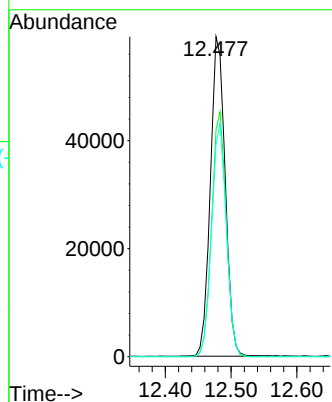
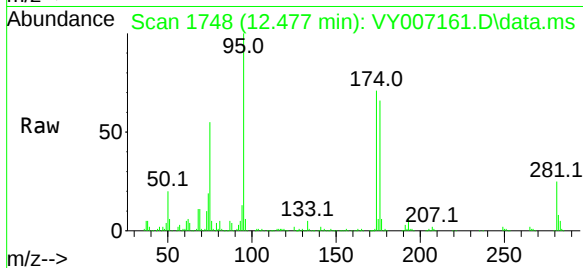
Tgt Ion: 95 Resp: 92813

Ion Ratio Lower Upper

95 100

174 75.3 0.0 148.4

176 72.4 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007161.D

Acq: 14 Jan 2022 12:14

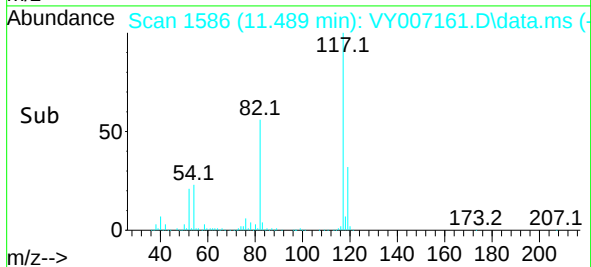
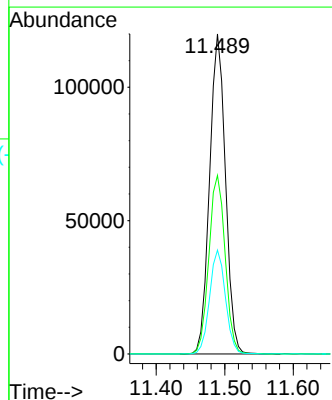
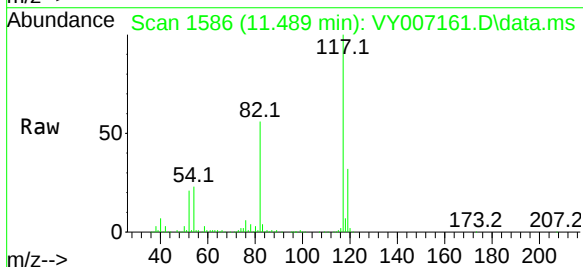
Tgt Ion:117 Resp: 193658

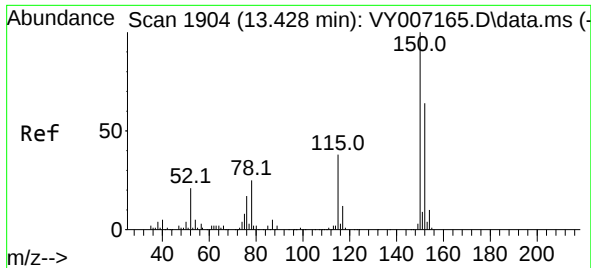
Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.0

119 32.4 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY007161.D

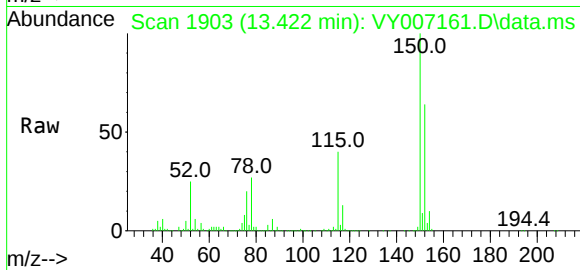
Acq: 14 Jan 2022 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 85502

Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.0

150 155.9 0.0 348.4

