

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022123\
 Data File : VY012680.D
 Acq On : 21 Feb 2023 17:33
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 22 01:28:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

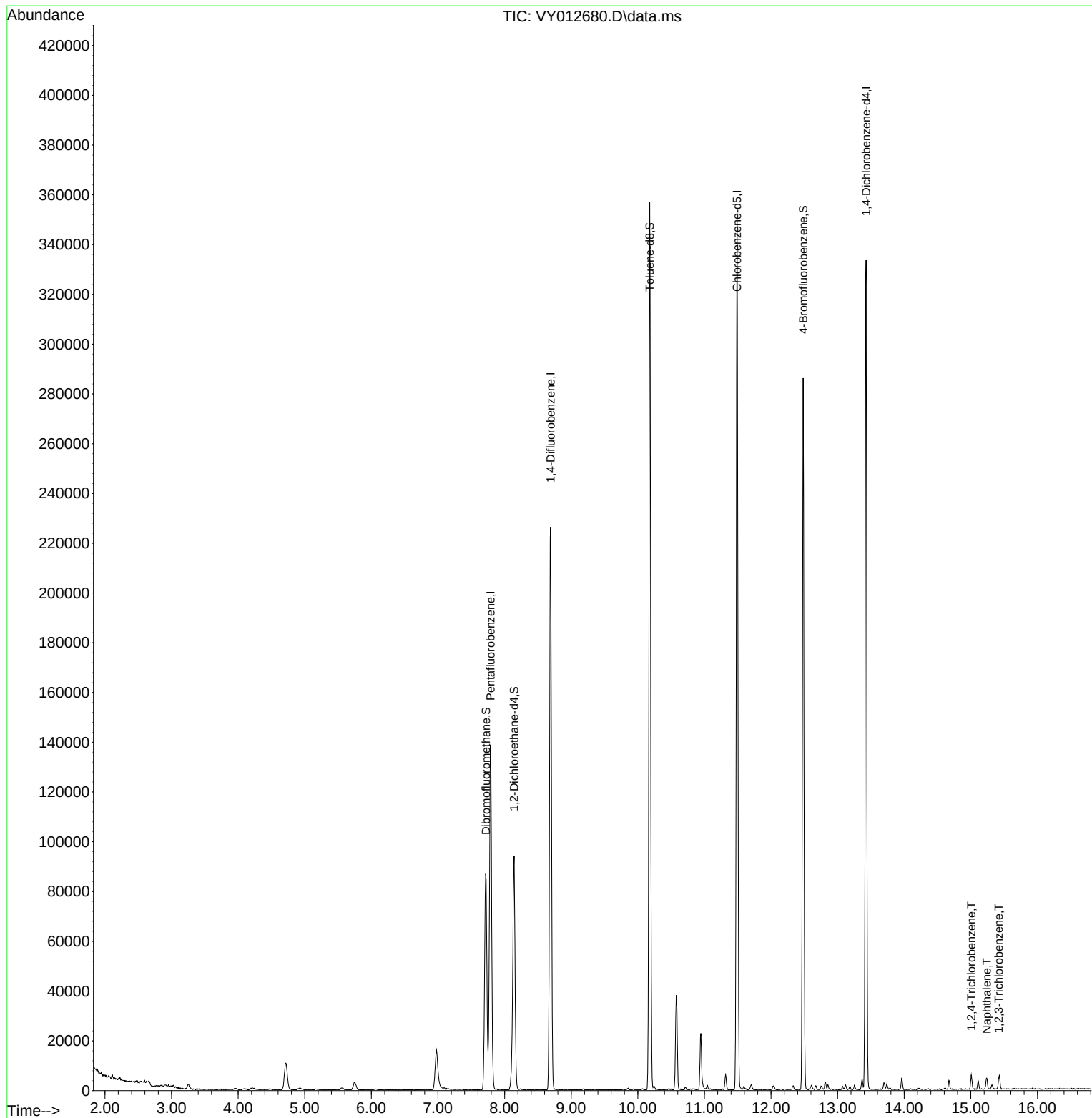
Internal Standards						
1) Pentafluorobenzene	7.789	168	105646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69079	55.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.720%
35) Dibromofluoromethane	7.722	113	61256	48.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.178	98	225079	47.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.483	95	77311	51.424	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.840%
Target Compounds						
						Qvalue
93) 1,2,4-Trichlorobenzene	15.007	180	1749	1.077	ug/l	98
95) Naphthalene	15.239	128	4013	1.223	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.421	180	1919	1.335	ug/l	98

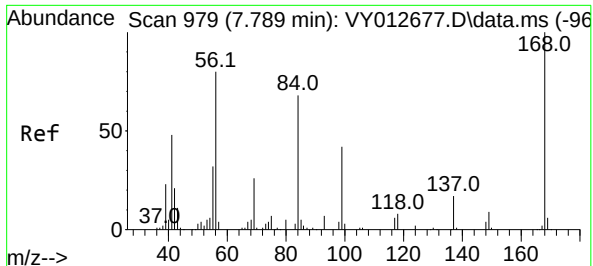
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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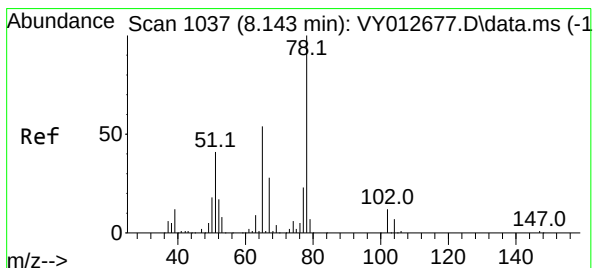
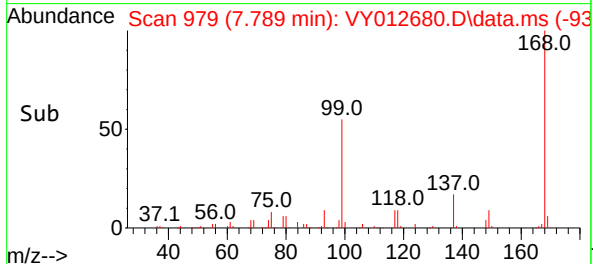
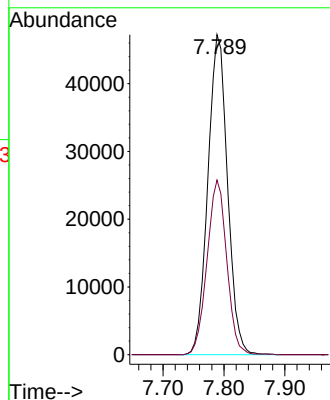
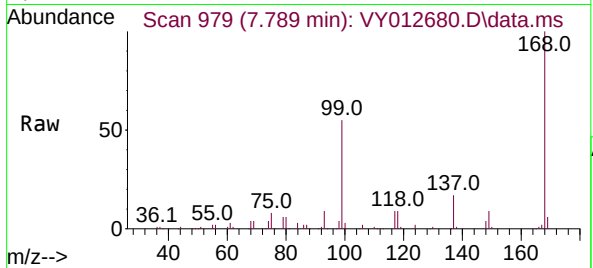




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012680.D
Acq: 21 Feb 2023 17:33

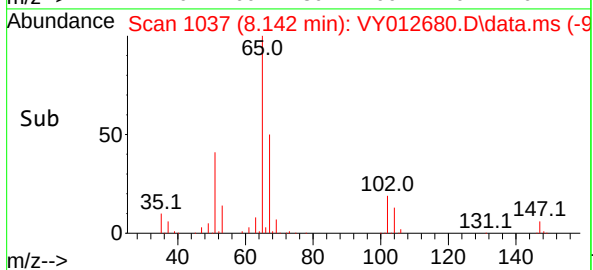
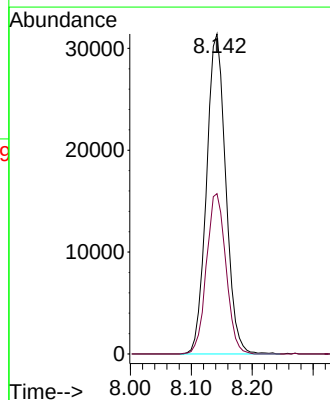
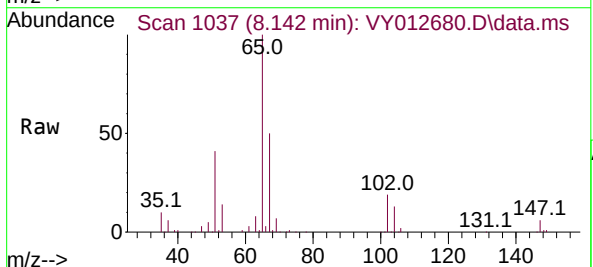
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

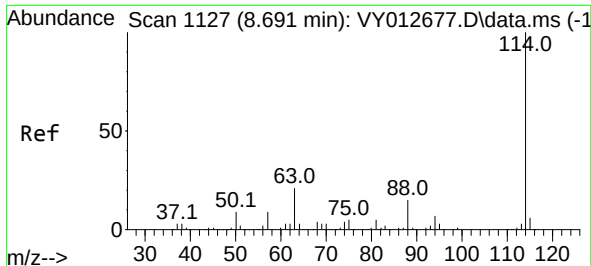
Tgt Ion:168 Resp: 105646
Ion Ratio Lower Upper
168 100
99 54.6 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 55.364 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012680.D
Acq: 21 Feb 2023 17:33

Tgt Ion: 65 Resp: 69079
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012680.D

Acq: 21 Feb 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

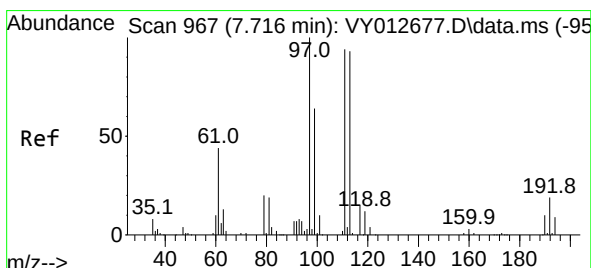
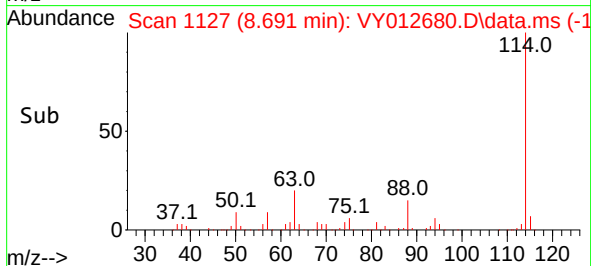
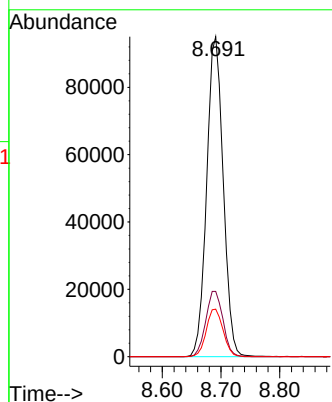
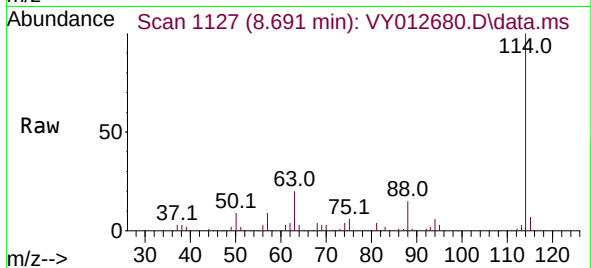
Tgt Ion:114 Resp: 185661

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.848 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012680.D

Acq: 21 Feb 2023 17:33

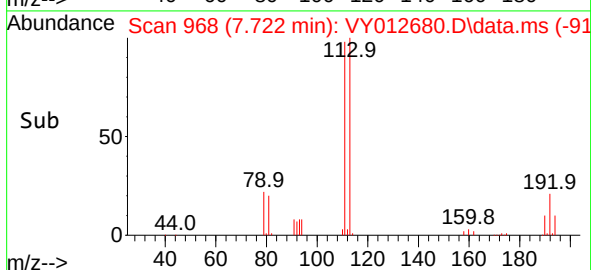
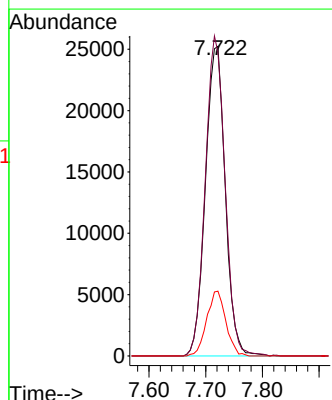
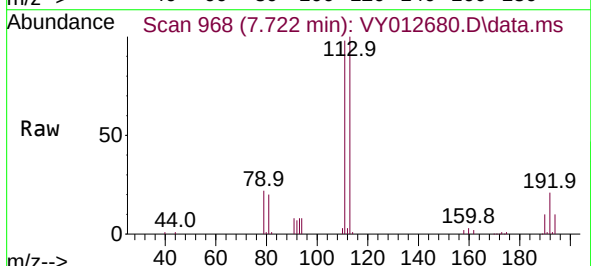
Tgt Ion:113 Resp: 61256

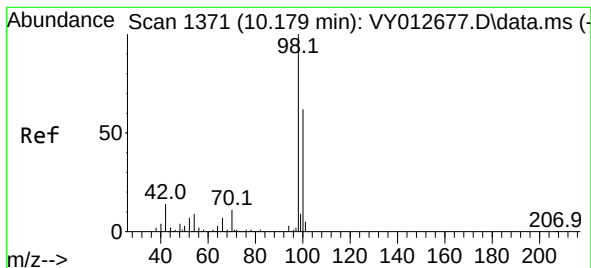
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 20.2 16.2 24.2

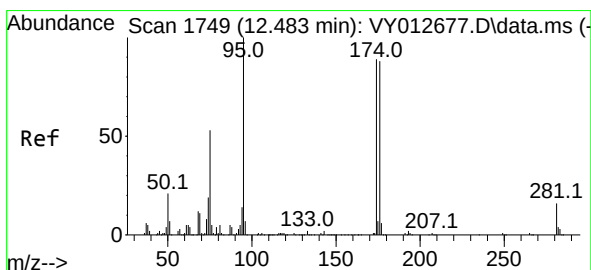
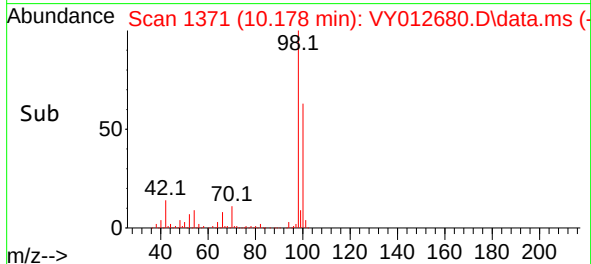
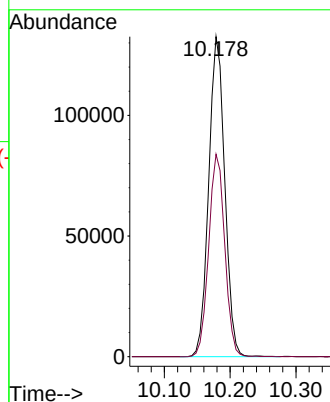
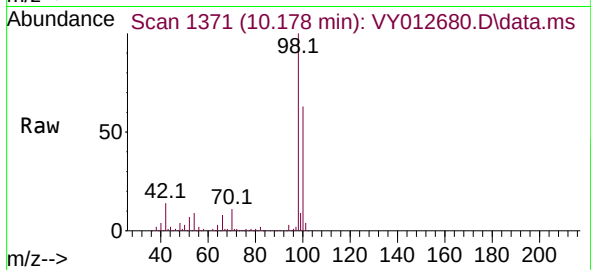




#50
Toluene-d8
Concen: 47.909 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012680.D
Acq: 21 Feb 2023 17:33

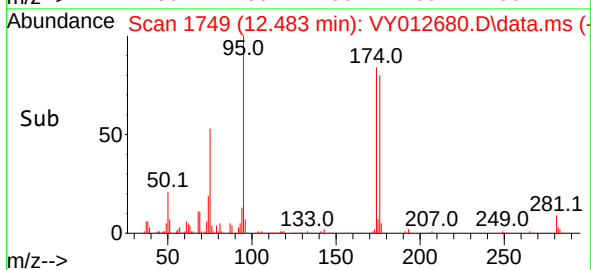
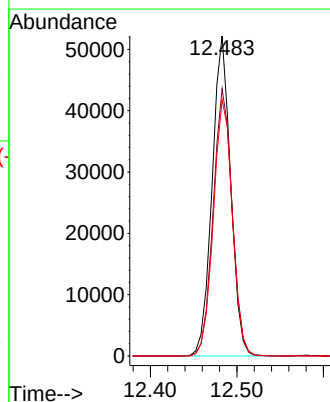
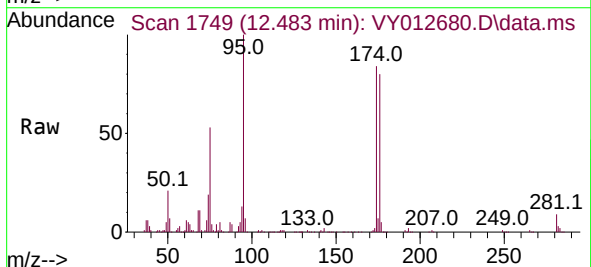
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

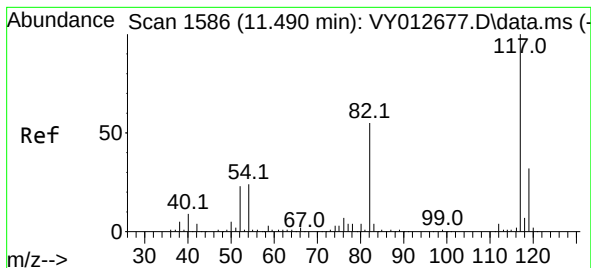
Tgt Ion: 98 Resp: 225079
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 51.424 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012680.D
Acq: 21 Feb 2023 17:33

Tgt Ion: 95 Resp: 77311
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.8
176 82.4 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012680.D

Acq: 21 Feb 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

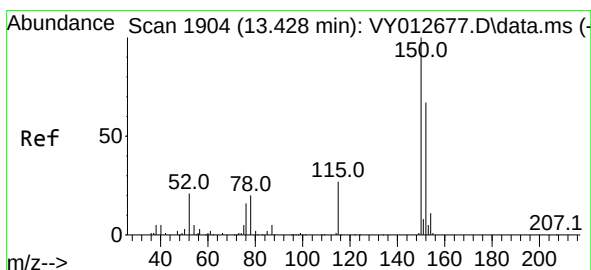
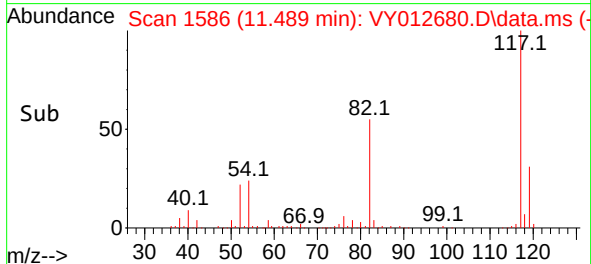
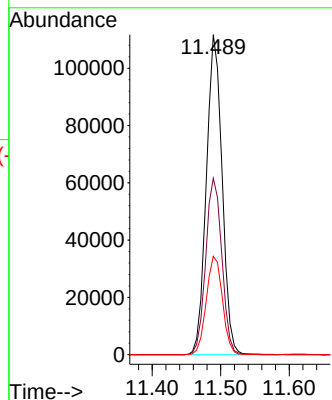
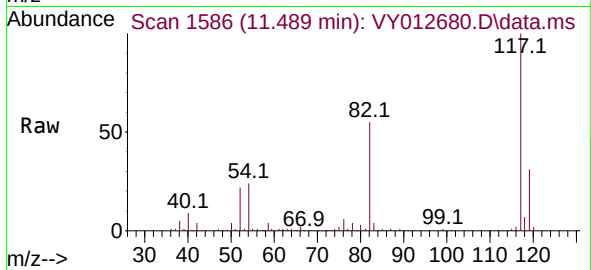
Tgt Ion:117 Resp: 178870

Ion Ratio Lower Upper

117 100

82 55.1 44.1 66.1

119 30.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012680.D

Acq: 21 Feb 2023 17:33

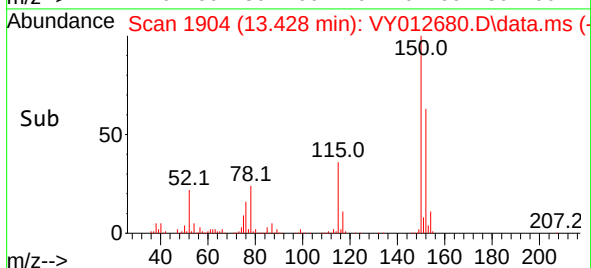
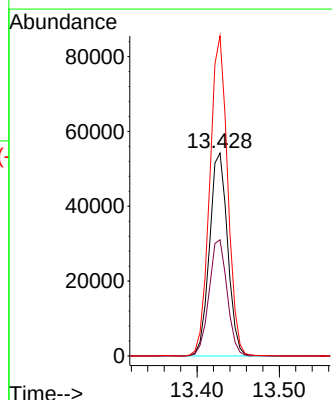
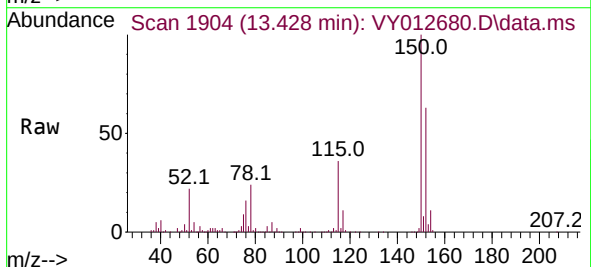
Tgt Ion:152 Resp: 82903

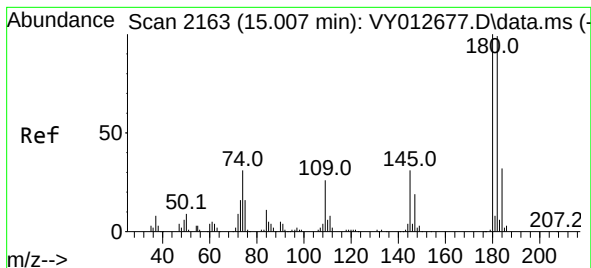
Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 156.0 0.0 347.6





#93

1,2,4-Trichlorobenzene

Concen: 1.077 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012680.D

Acq: 21 Feb 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

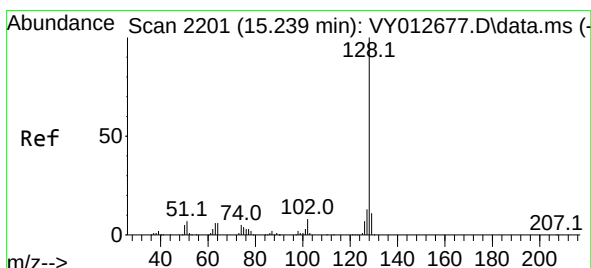
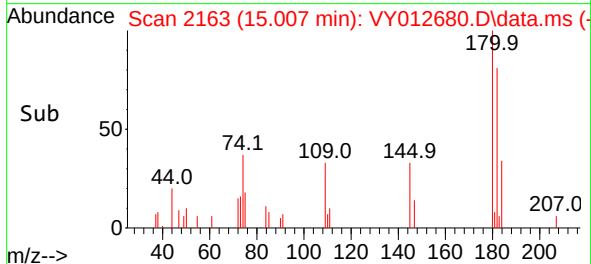
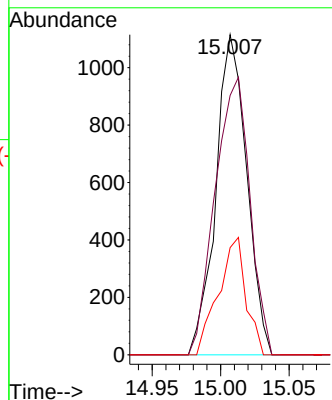
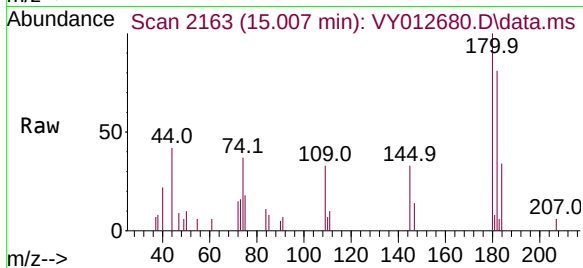
Tgt Ion:180 Resp: 1749

Ion Ratio Lower Upper

180 100

182 97.7 48.0 144.2

145 32.6 15.0 45.0



#95

Naphthalene

Concen: 1.223 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012680.D

Acq: 21 Feb 2023 17:33

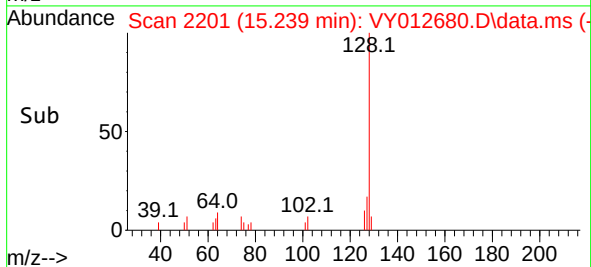
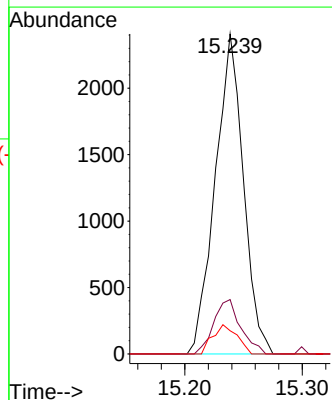
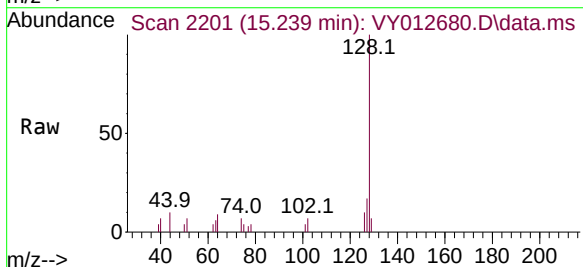
Tgt Ion:128 Resp: 4013

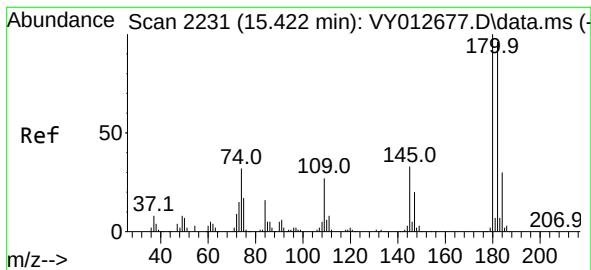
Ion Ratio Lower Upper

128 100

127 16.3 10.3 15.5#

129 7.9 9.0 13.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.335 ug/l
 RT: 15.421 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY012680.D
 Acq: 21 Feb 2023 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:180 Resp: 1919
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.5 145.6
 145 28.6 16.1 48.2

