

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013773.D
 Acq On : 17 May 2023 12:32
 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: May 18 06:57:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

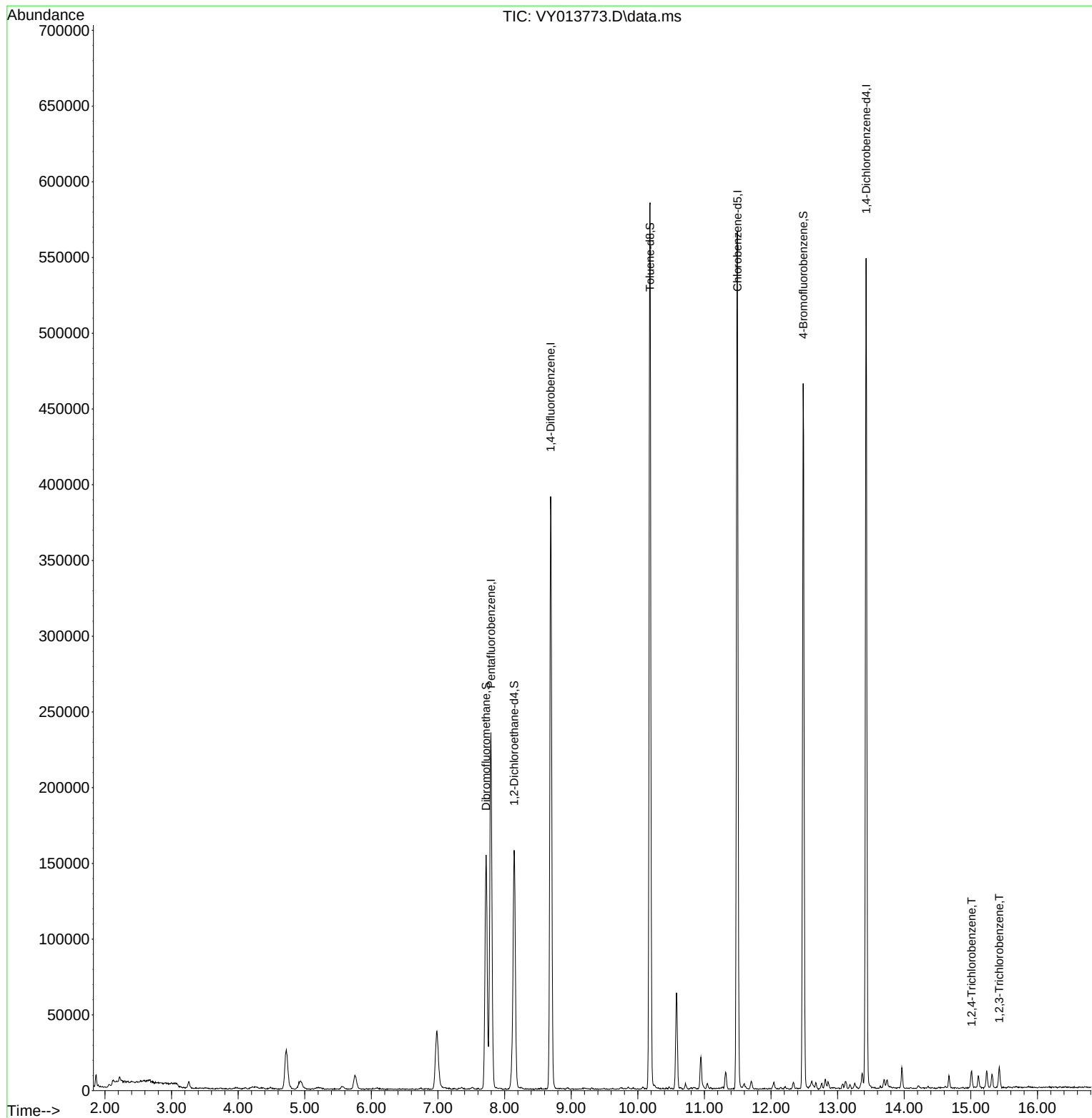
Internal Standards						
1) Pentafluorobenzene	7.795	168	179829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120227	57.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.100%
35) Dibromofluoromethane	7.722	113	106161	52.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.185	98	386180	50.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.483	95	126705	49.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.000%
Target Compounds						
						Qvalue
93) 1,2,4-Trichlorobenzene	15.013	180	3440	1.549	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3682	1.843	ug/l	88

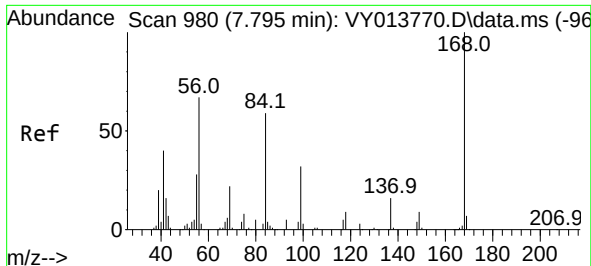
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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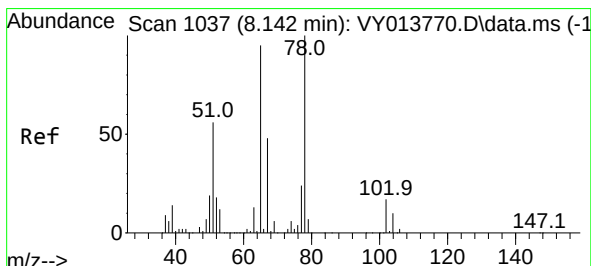
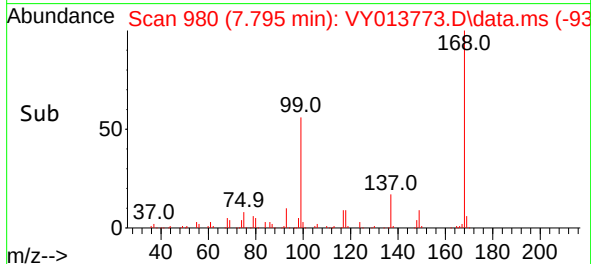
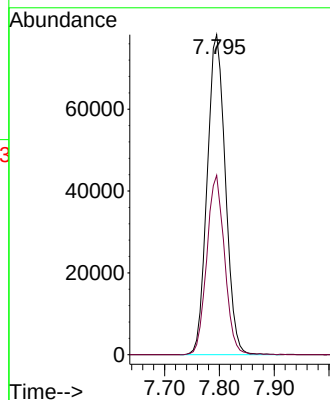
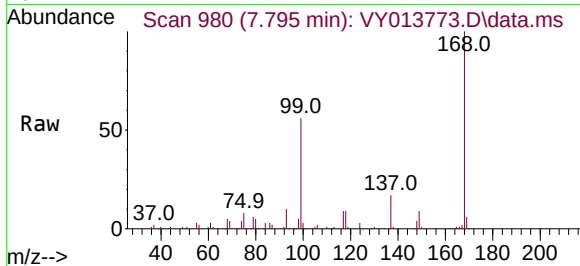




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

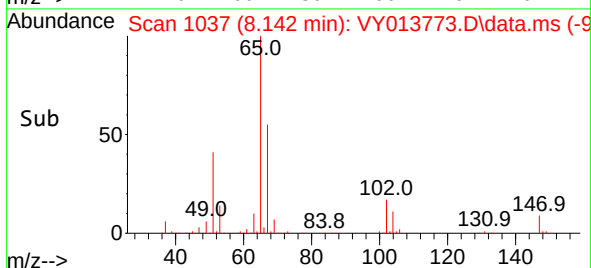
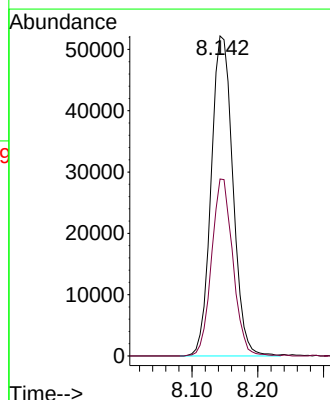
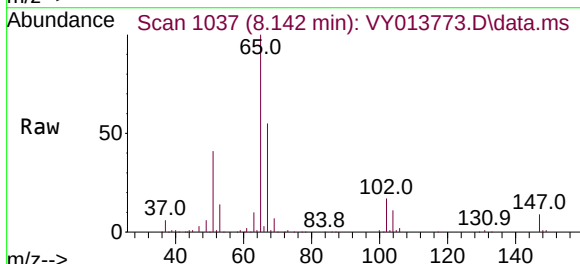
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

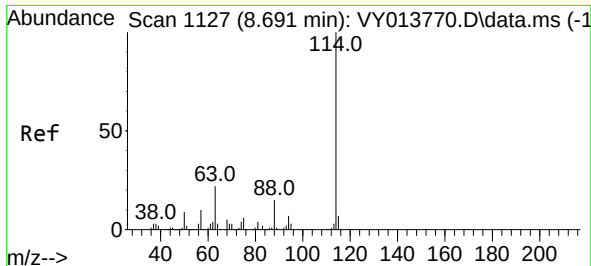
Tgt Ion:168 Resp: 179829
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.552 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 65 Resp: 120227
Ion Ratio Lower Upper
65 100
67 54.2 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: VY013773.D

Acq: 17 May 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

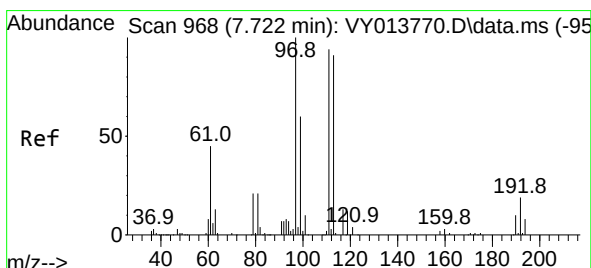
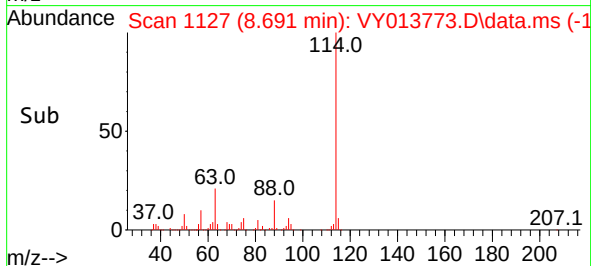
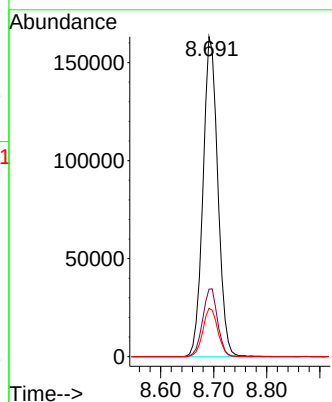
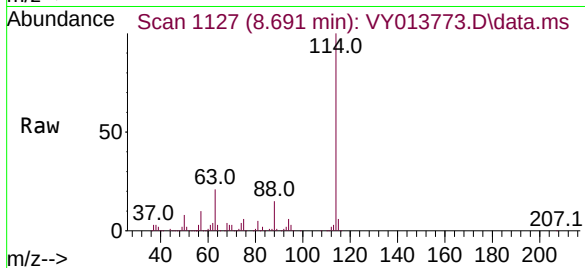
Tgt Ion:114 Resp: 317019

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 15.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.221 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013773.D

Acq: 17 May 2023 12:32

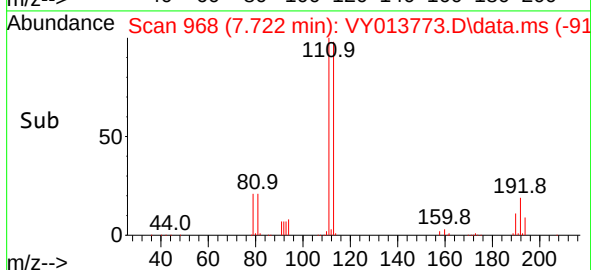
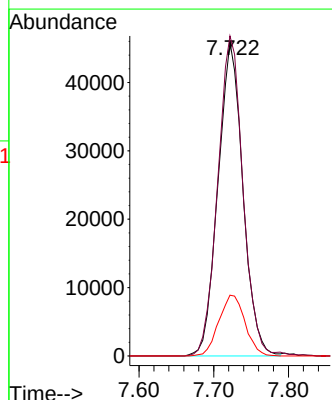
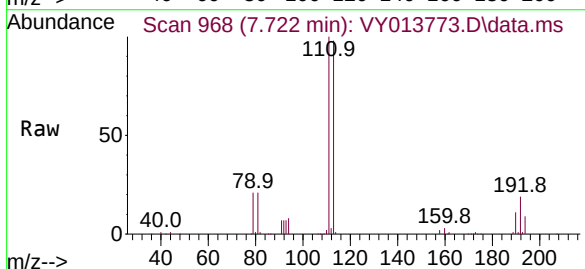
Tgt Ion:113 Resp: 106161

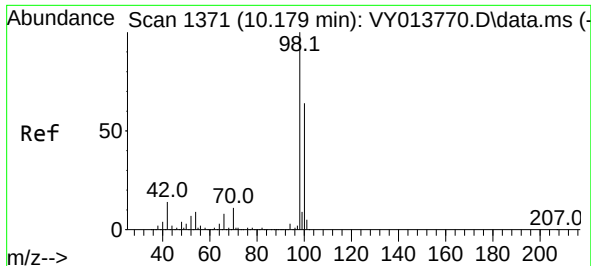
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 20.4 16.0 24.0

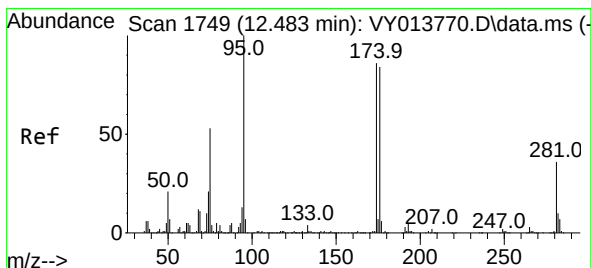
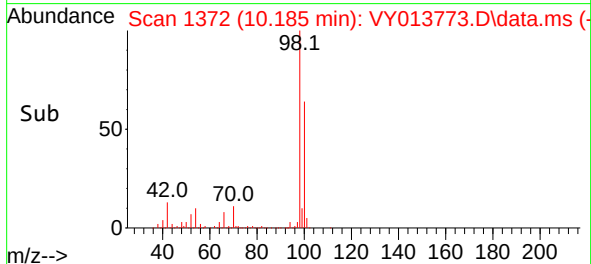
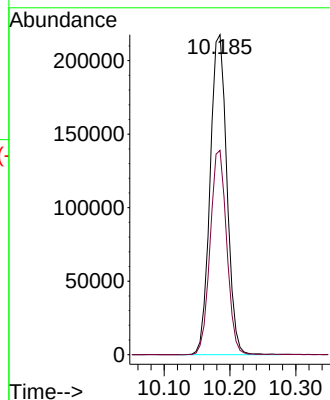
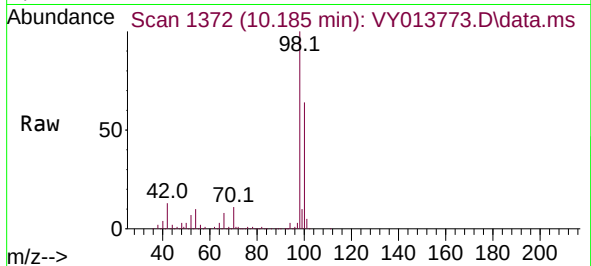




#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

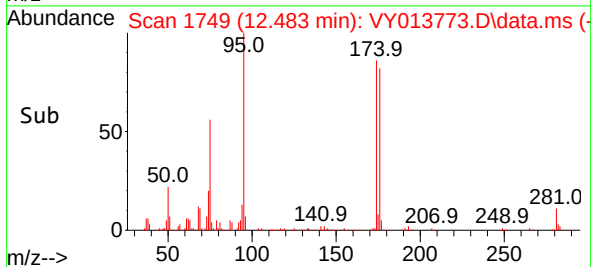
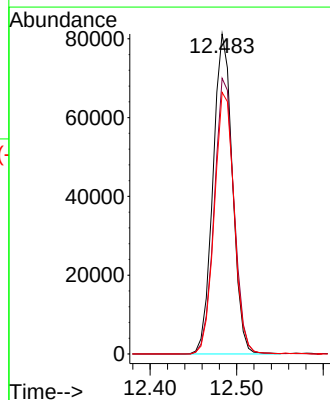
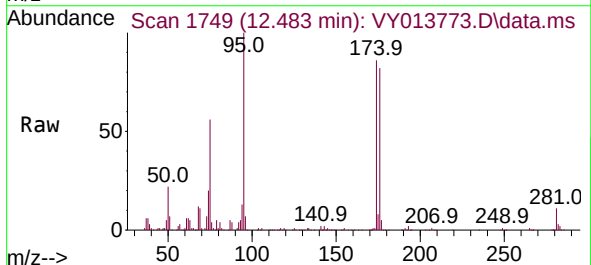
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

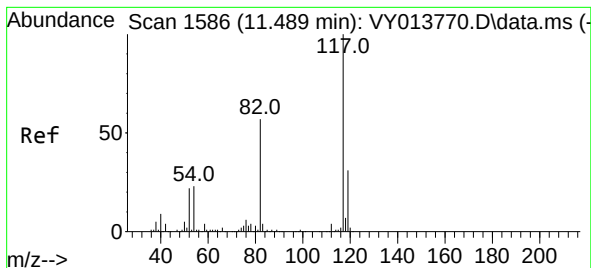
Tgt Ion: 98 Resp: 386180
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 95 Resp: 126705
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.8
176 83.2 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013773.D

Acq: 17 May 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

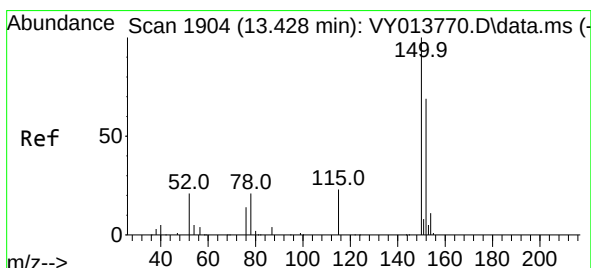
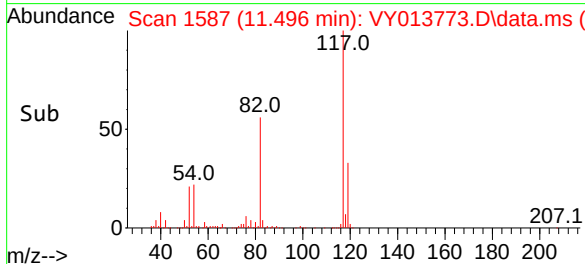
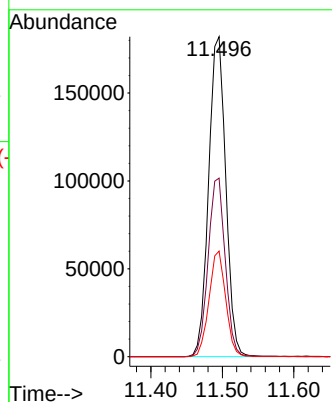
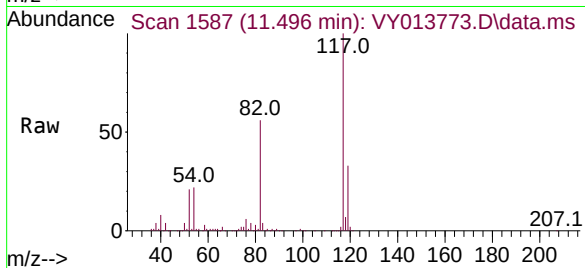
Tgt Ion:117 Resp: 303244

Ion Ratio Lower Upper

117 100

82 55.8 45.5 68.3

119 33.0 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013773.D

Acq: 17 May 2023 12:32

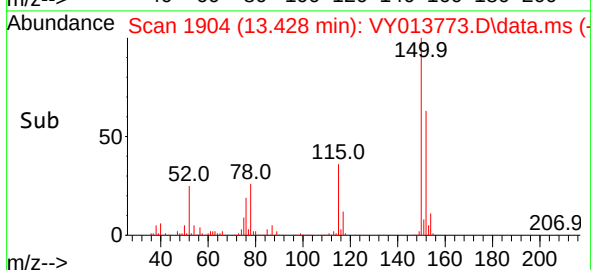
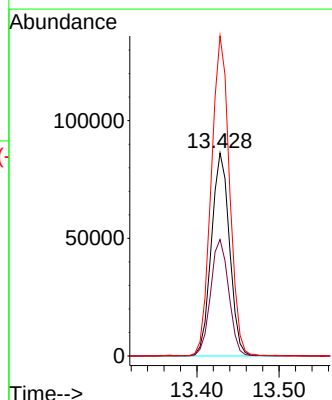
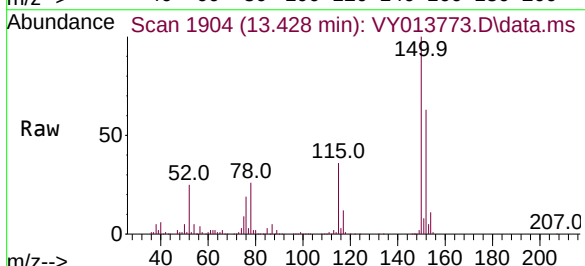
Tgt Ion:152 Resp: 132173

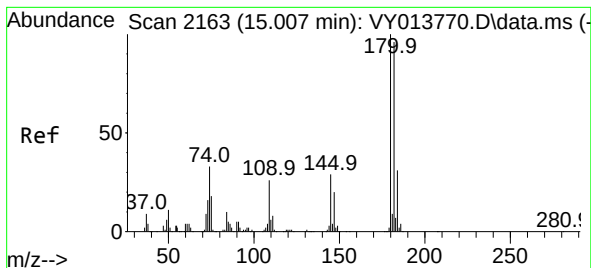
Ion Ratio Lower Upper

152 100

115 57.4 28.5 85.5

150 158.6 0.0 347.0





#93

1,2,4-Trichlorobenzene

Concen: 1.549 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY013773.D

Acq: 17 May 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

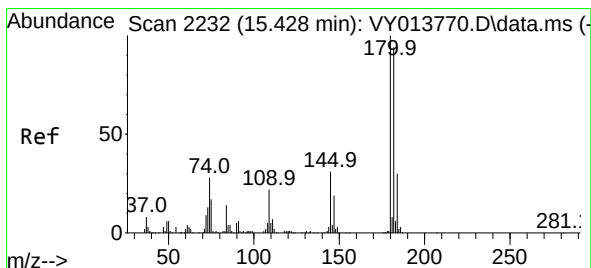
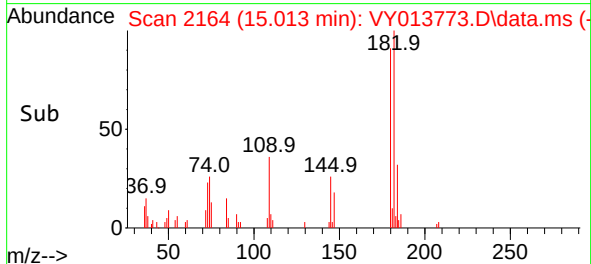
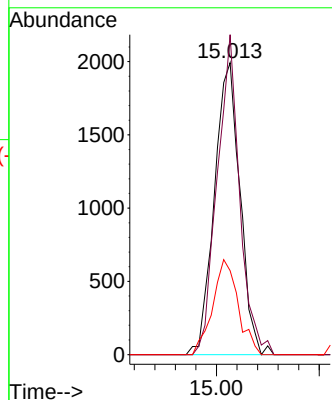
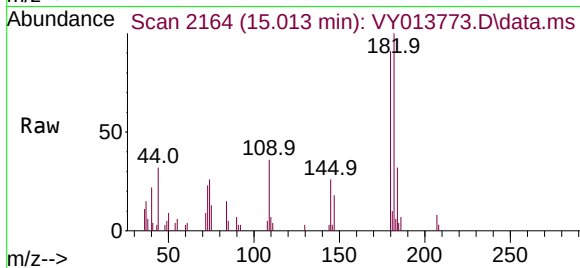
Tgt Ion:180 Resp: 3440

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 32.4 14.9 44.9



#96

1,2,3-Trichlorobenzene

Concen: 1.843 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013773.D

Acq: 17 May 2023 12:32

Tgt Ion:180 Resp: 3682

Ion Ratio Lower Upper

180 100

182 107.1 47.8 143.4

145 37.9 15.6 46.7

