

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012720.D
 Acq On : 24 Feb 2023 14:21
 Operator : KP/MD
 Sample : 01657-01
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-17-SB01

Quant Time: Feb 25 00:49:24 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	7.795	168	180749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	304010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108066	50.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.240%
35) Dibromofluoromethane	7.722	113	104146	46.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.720%
50) Toluene-d8	10.185	98	397800	47.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.483	95	122684	45.549	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.100%

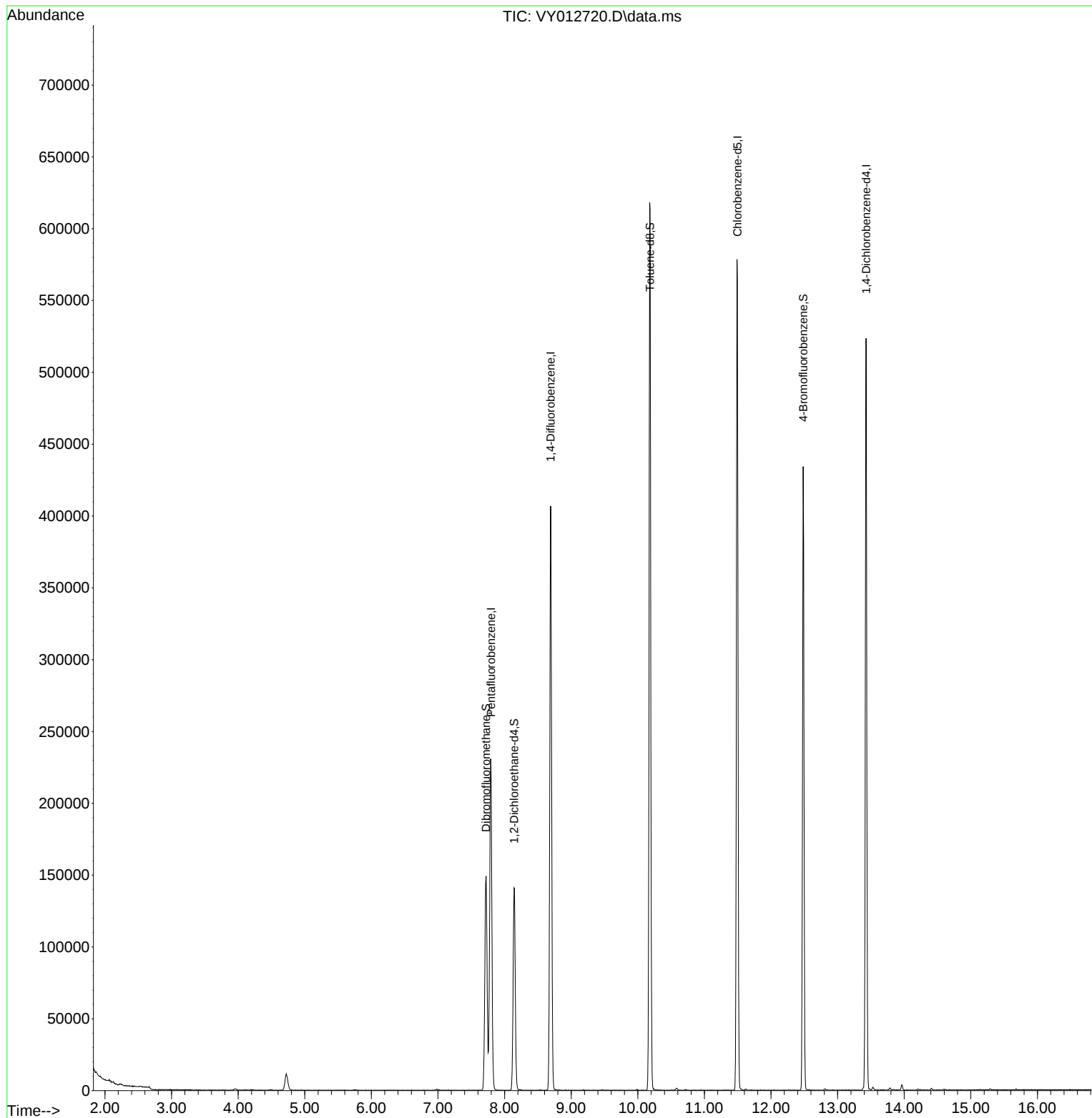
Target Compounds	Qvalue

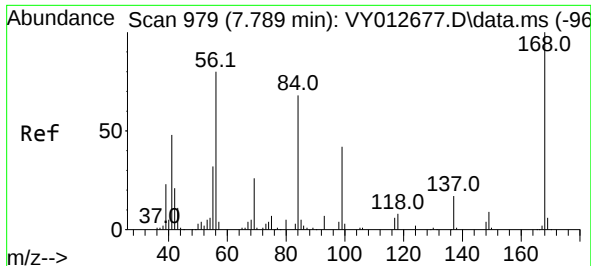
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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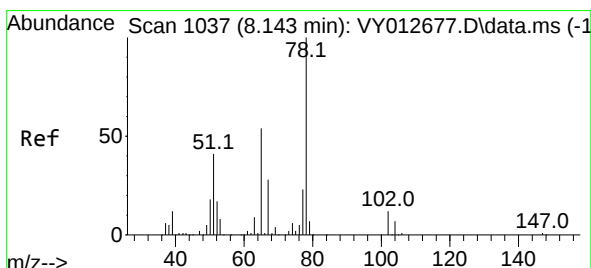
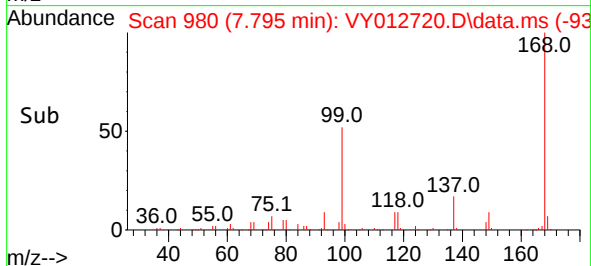
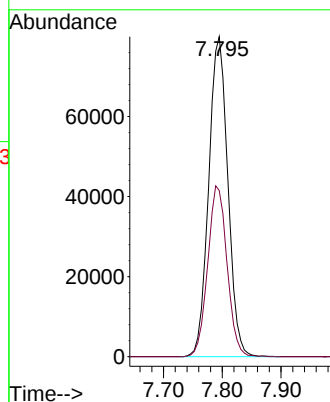
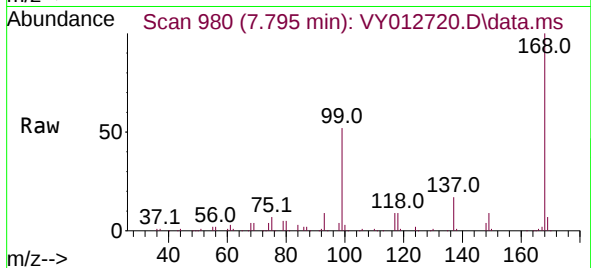




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

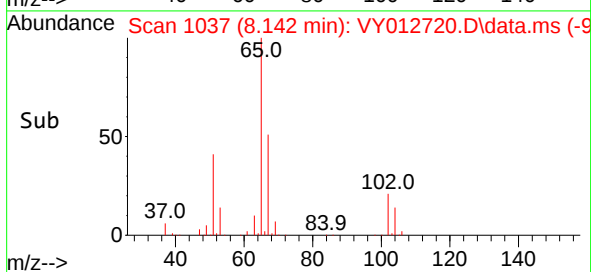
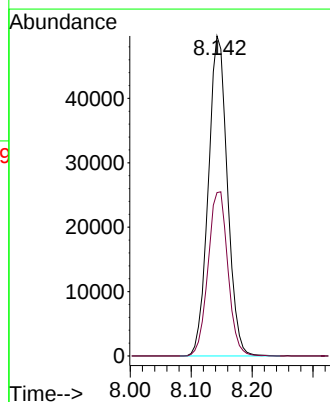
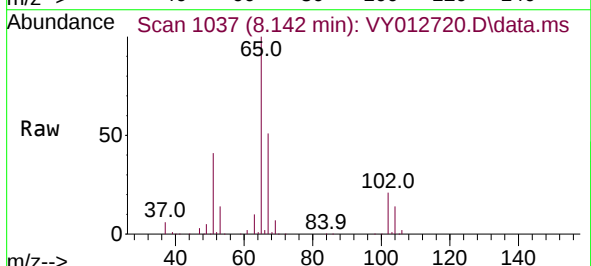
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB01

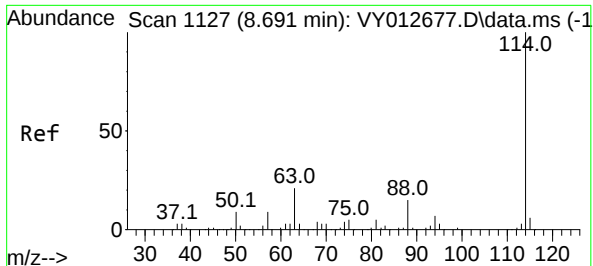
Tgt Ion:168 Resp: 180749
Ion Ratio Lower Upper
168 100
99 51.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 50.623 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion: 65 Resp: 108066
Ion Ratio Lower Upper
65 100
67 53.3 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: VY012720.D

Acq: 24 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

B-17-SB01

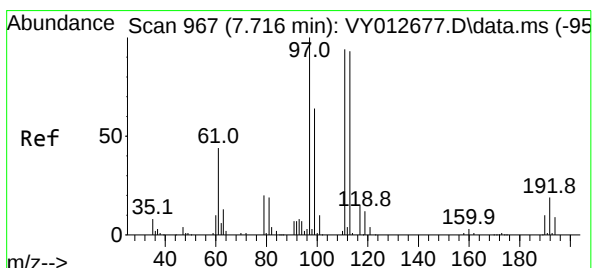
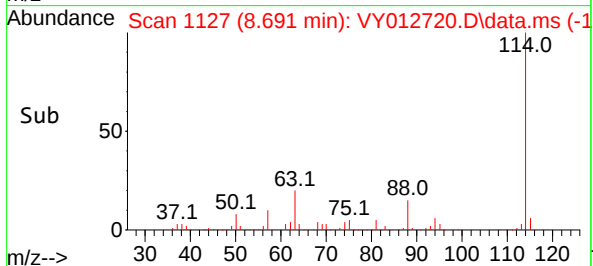
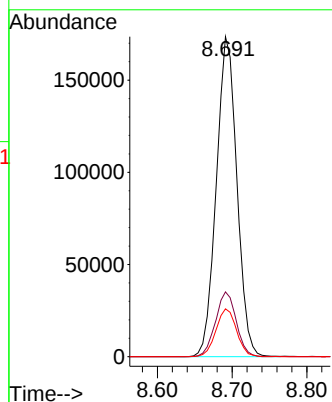
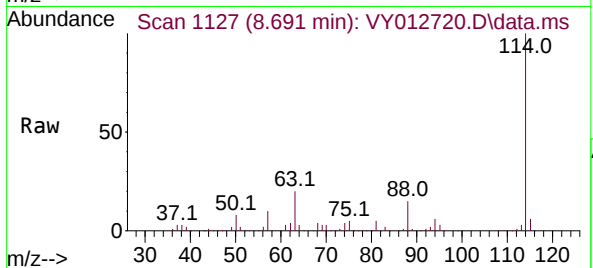
Tgt Ion:114 Resp: 332623

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.356 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

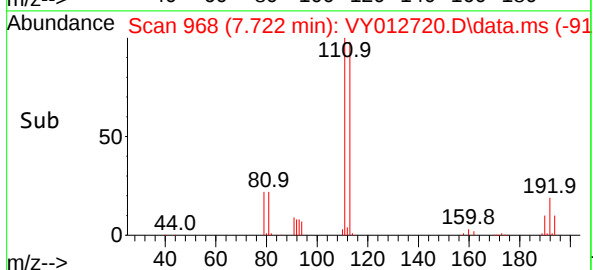
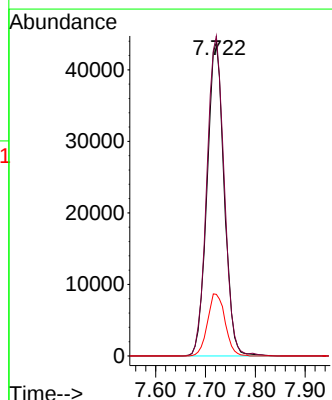
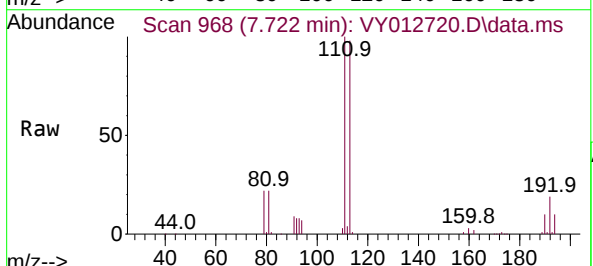
Tgt Ion:113 Resp: 104146

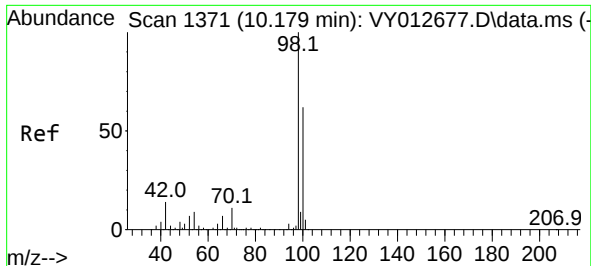
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 20.4 16.2 24.2

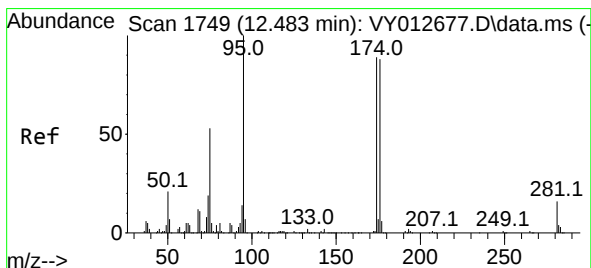
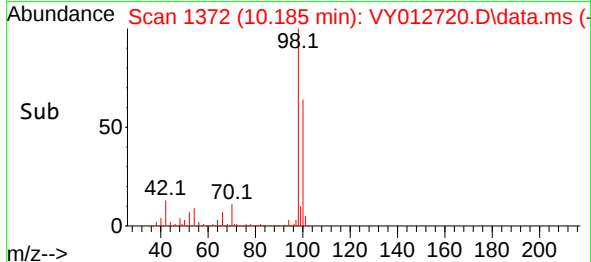
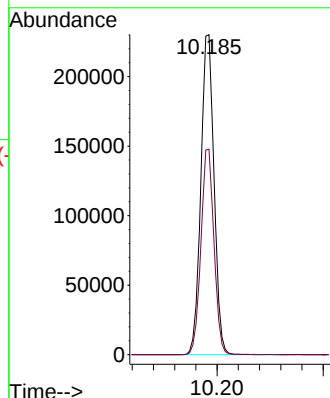
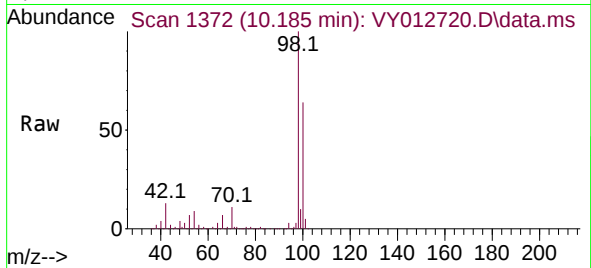




#50
Toluene-d8
Concen: 47.262 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

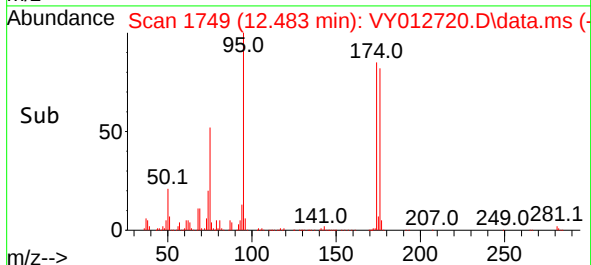
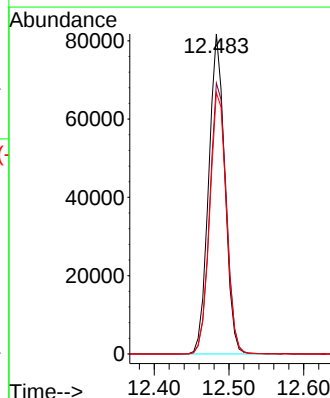
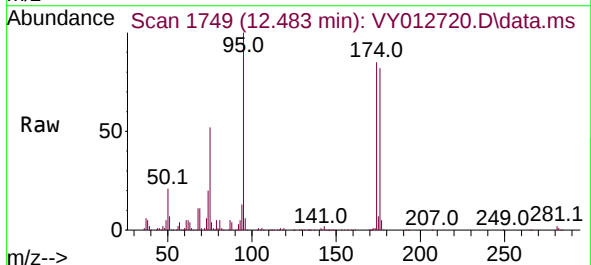
Instrument :
MSVOA_Y
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B-17-SB01

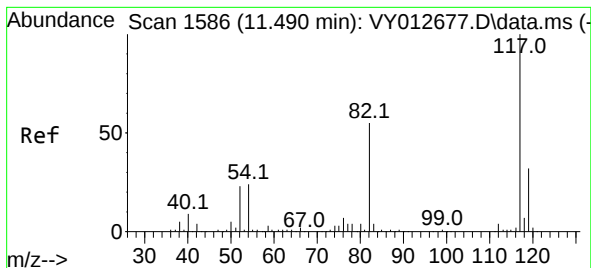
Tgt Ion: 98 Resp: 397800
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012720.D
Acq: 24 Feb 2023 14:21

Tgt Ion: 95 Resp: 122684
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.8
176 84.3 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY012720.D

Acq: 24 Feb 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

B-17-SB01

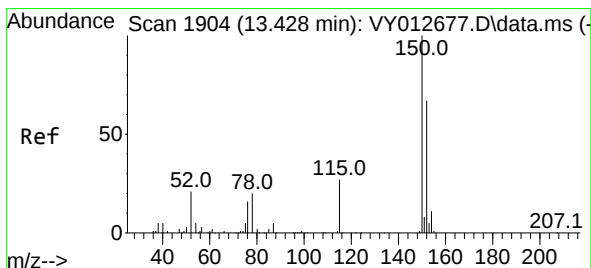
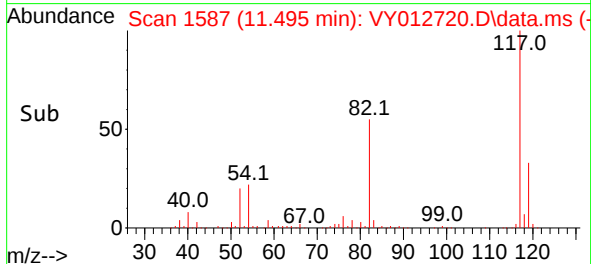
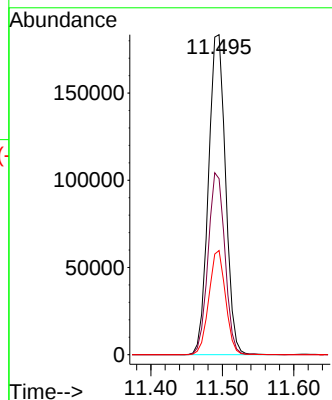
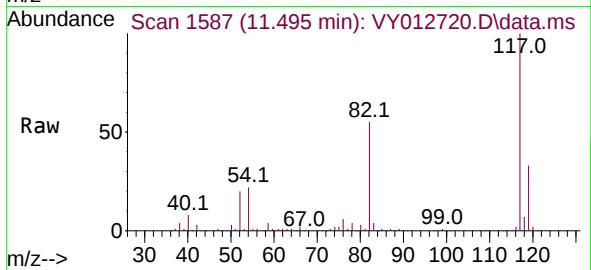
Tgt Ion:117 Resp: 304010

Ion Ratio Lower Upper

117 100

82 55.0 44.1 66.1

119 32.6 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: VY012720.D

Acq: 24 Feb 2023 14:21

Tgt Ion:152 Resp: 128864

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

150 157.0 0.0 347.6

