

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012325.D
 Acq On : 23 Jan 2023 19:42
 Operator : KP/MD
 Sample : 01243-01
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-11823-B4-0-10

Quant Time: Jan 24 01:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	157990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	244758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112231	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96238	75.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.980%
35) Dibromofluoromethane	7.716	113	75582	55.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.179	98	310648	66.956	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.920%
62) 4-Bromofluorobenzene	12.483	95	100474	52.059	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.120%

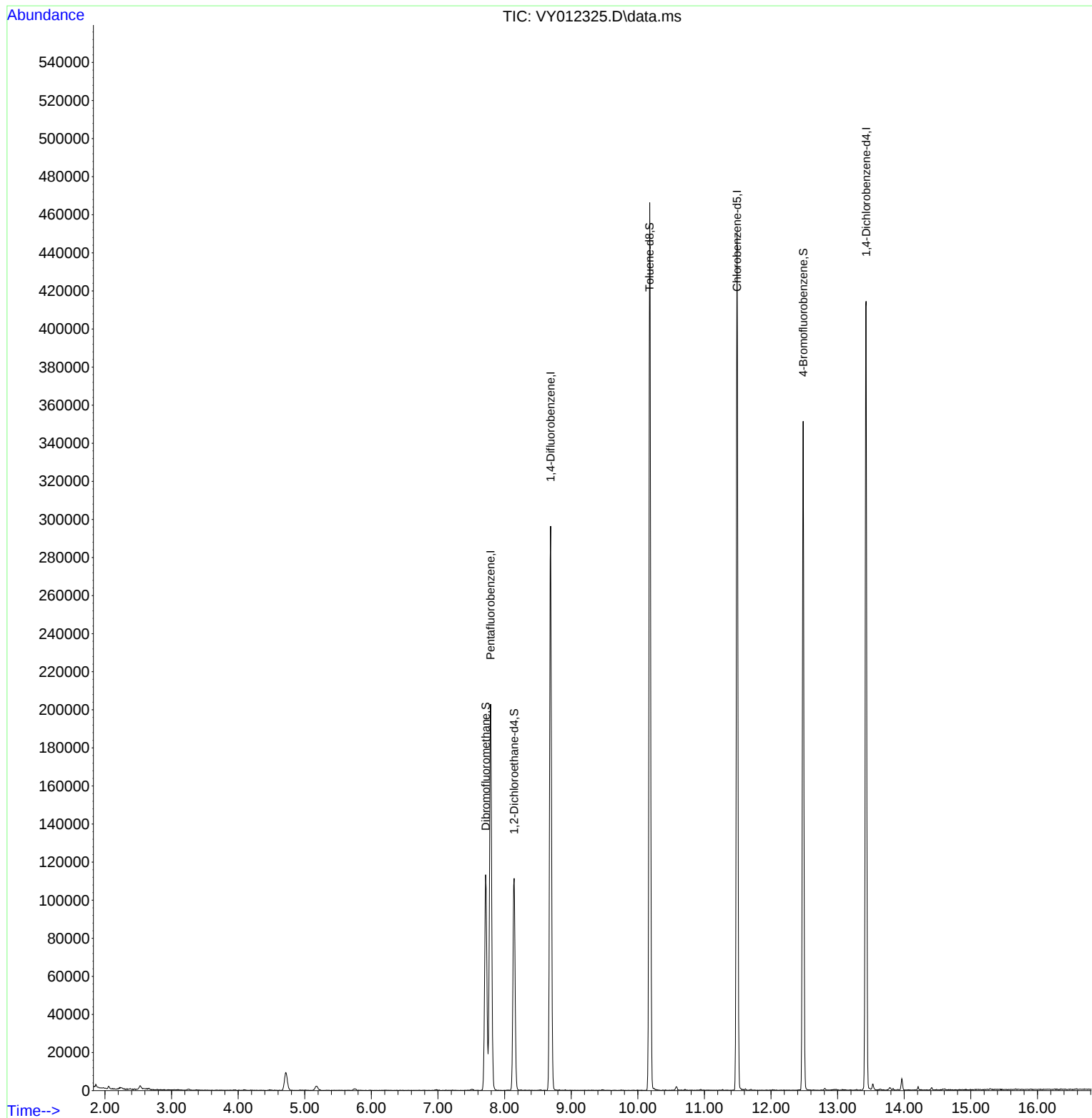
Target Compounds	Qvalue

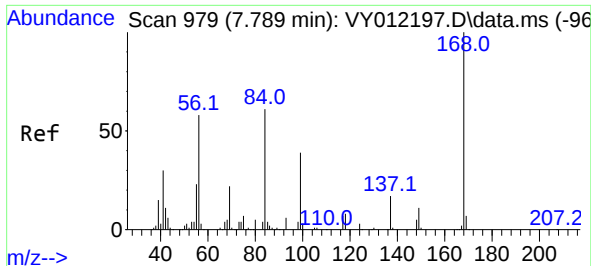
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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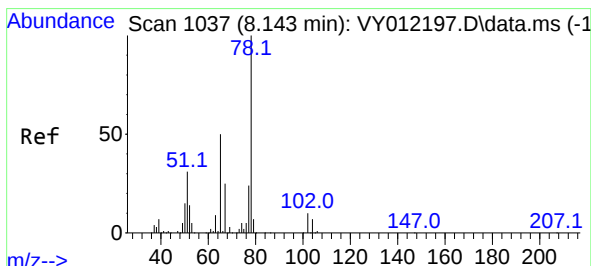
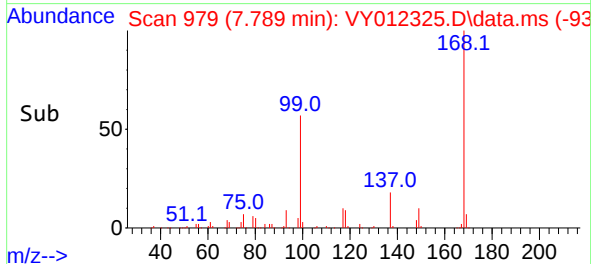
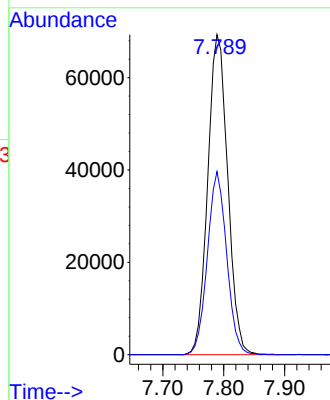
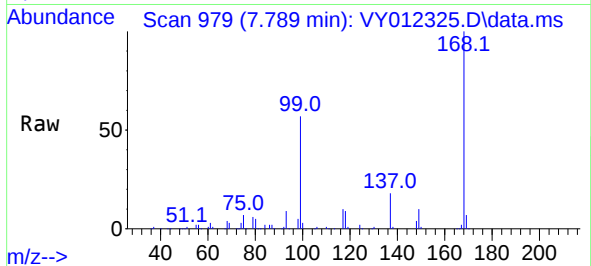




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

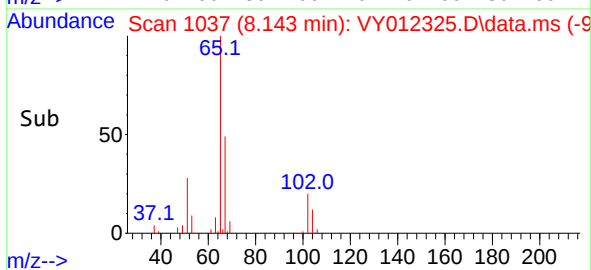
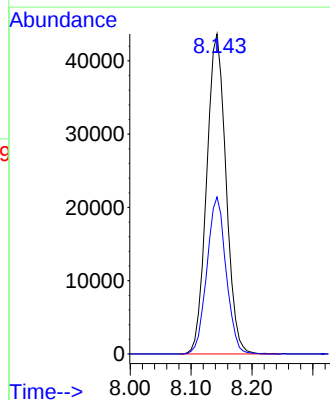
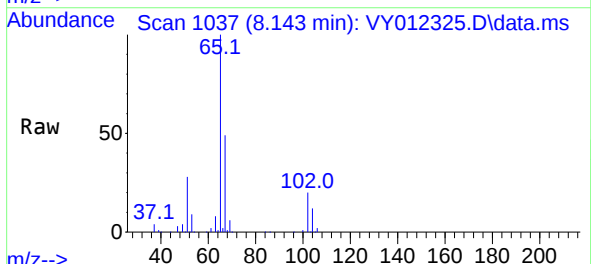
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-11823-B4-0-10

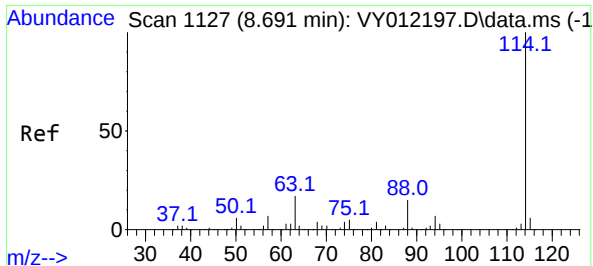
Tgt Ion:168 Resp: 157990
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 75.494 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion: 65 Resp: 96238
Ion Ratio Lower Upper
65 100
67 48.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012325.D

Acq: 23 Jan 2023 19:42

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-11823-B4-0-10

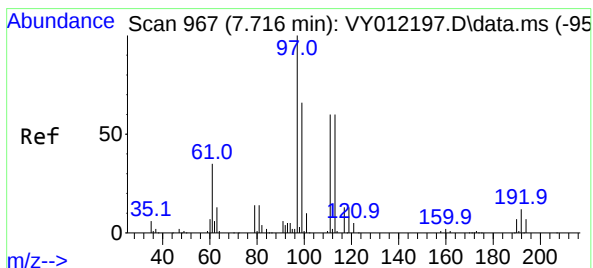
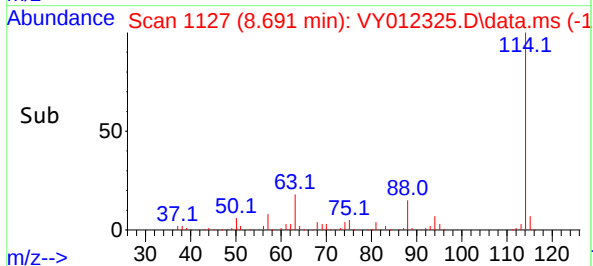
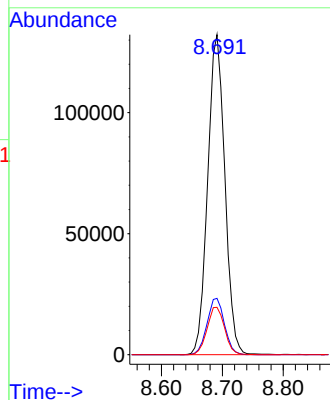
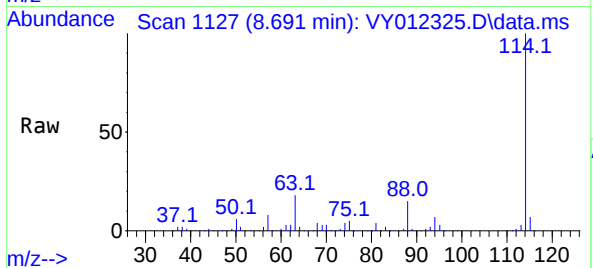
Tgt Ion:114 Resp: 258565

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.206 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012325.D

Acq: 23 Jan 2023 19:42

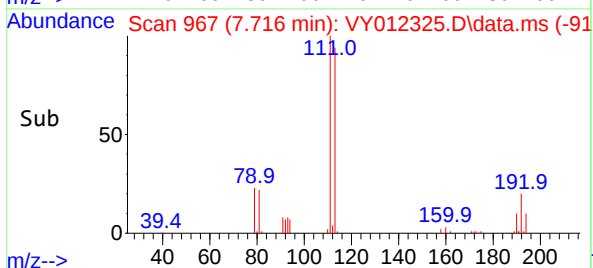
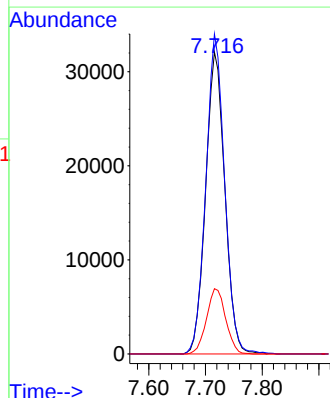
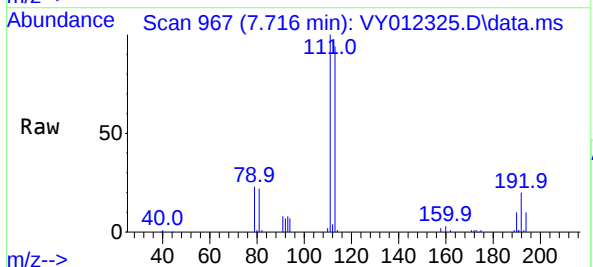
Tgt Ion:113 Resp: 75582

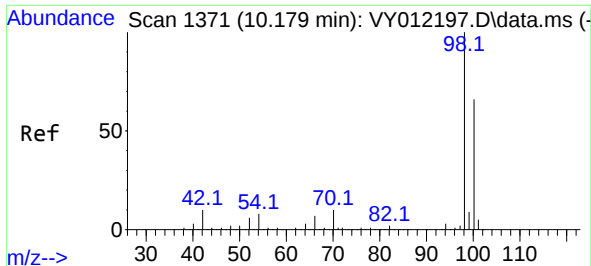
Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.4

192 21.6 16.0 24.0

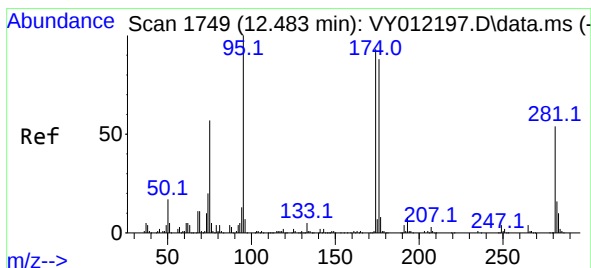
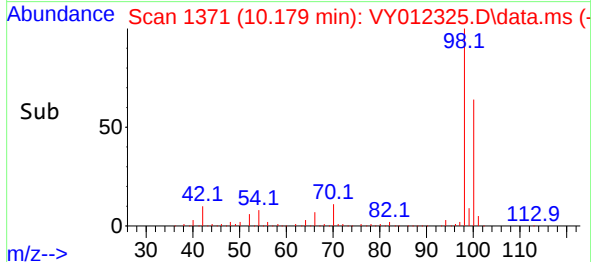
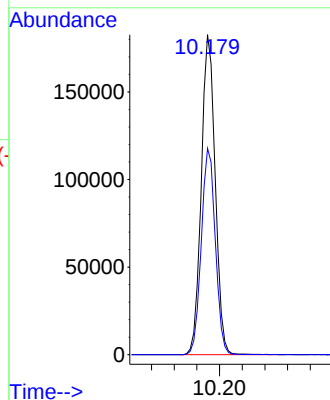
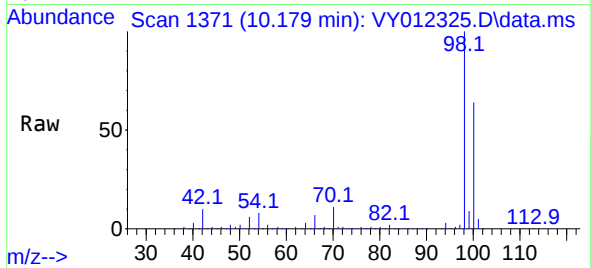




#50
Toluene-d8
Concen: 66.956 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

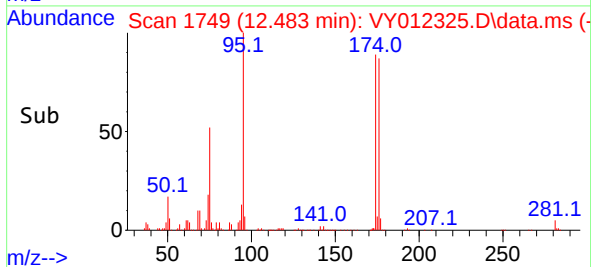
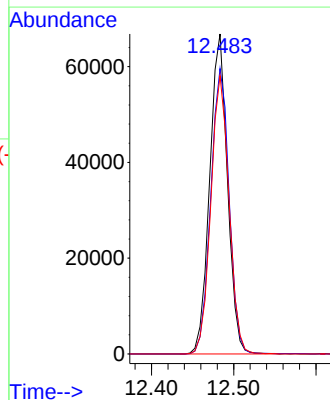
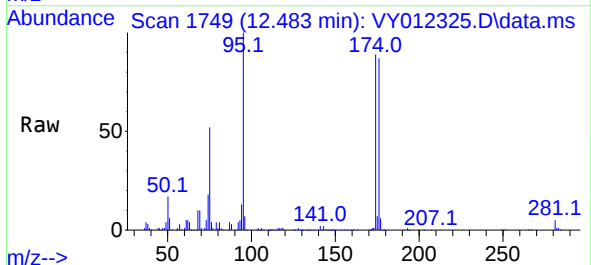
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MSVOA_Y
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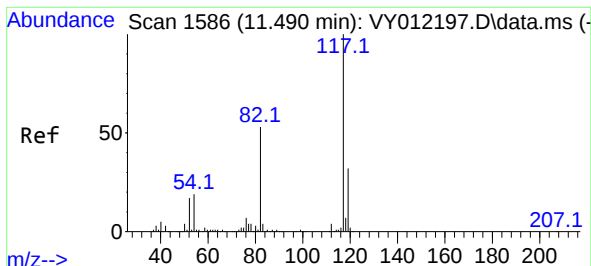
Tgt Ion: 98 Resp: 310648
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.059 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012325.D
Acq: 23 Jan 2023 19:42

Tgt Ion: 95 Resp: 100474
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY012325.D

Acq: 23 Jan 2023 19:42

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-11823-B4-0-10

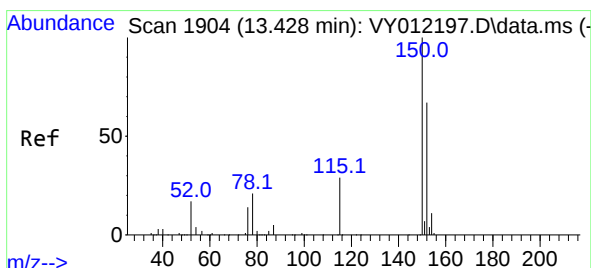
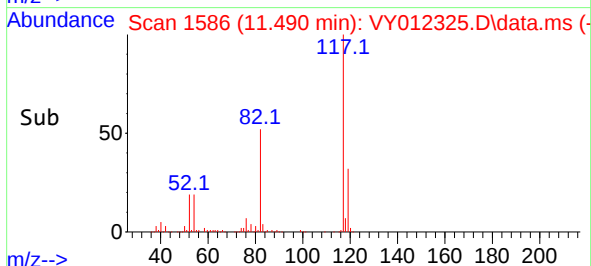
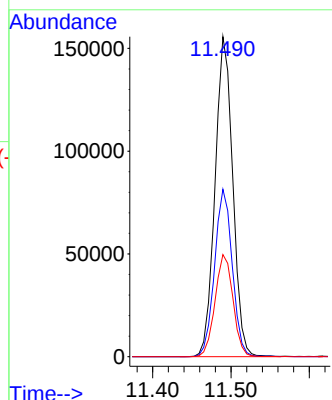
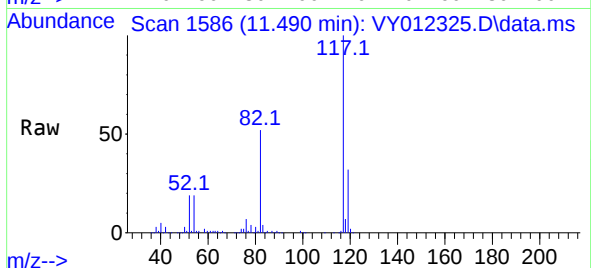
Tgt Ion:117 Resp: 244758

Ion Ratio Lower Upper

117 100

82 52.3 44.8 67.2

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012325.D

Acq: 23 Jan 2023 19:42

Tgt Ion:152 Resp: 112231

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 157.3 0.0 342.6

