

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016384.D
 Acq On : 16 Nov 2023 13:19
 Operator : SY/MD
 Sample : 05446-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-111523B

Quant Time: Nov 17 04:05:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	17522	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	28349	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	25030	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	9419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9377	58.553	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.722	113	9607	59.656	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.320%
50) Toluene-d8	10.179	98	32975	50.494	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.483	95	9037	42.607	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%

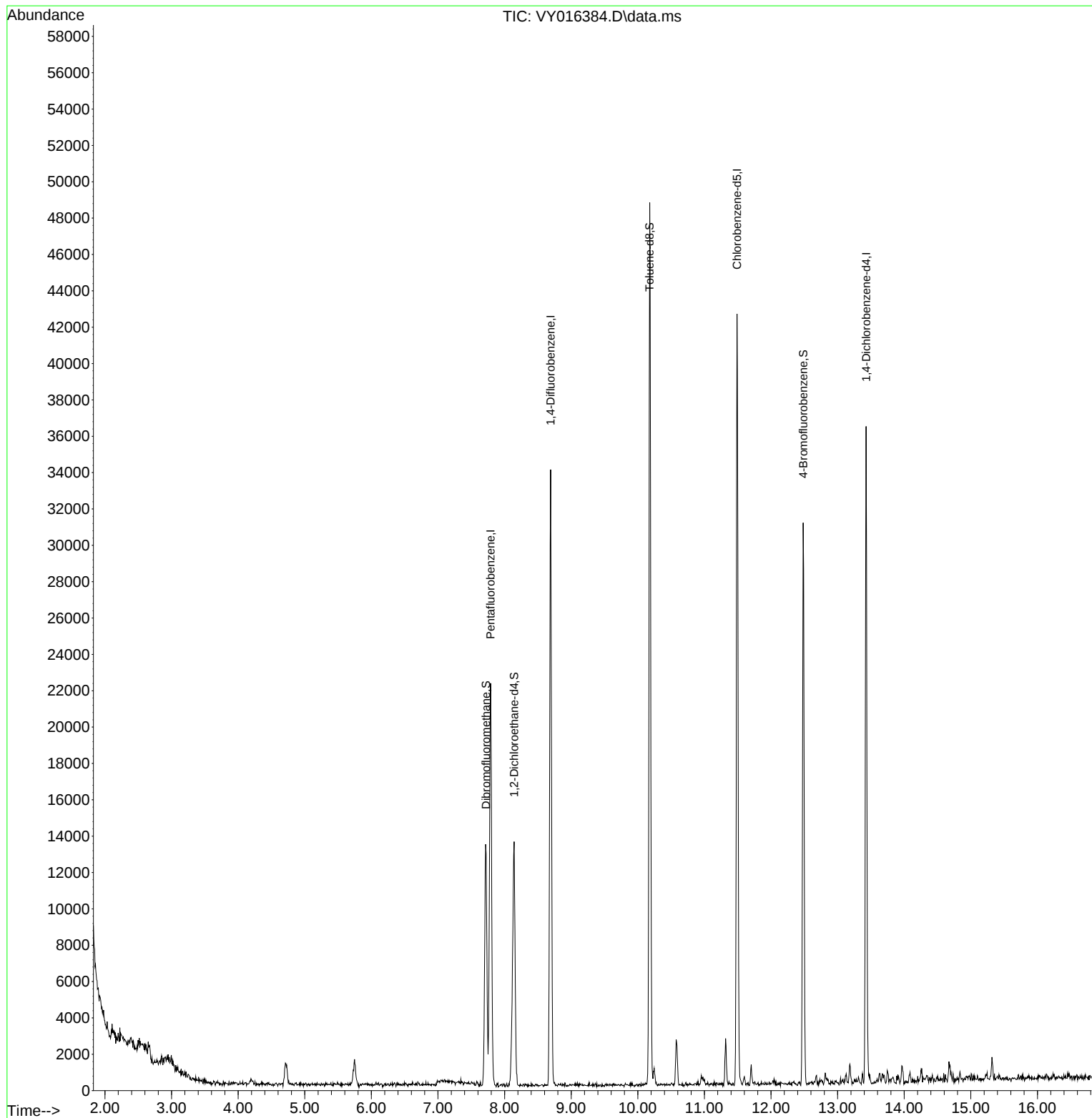
Target Compounds	Qvalue

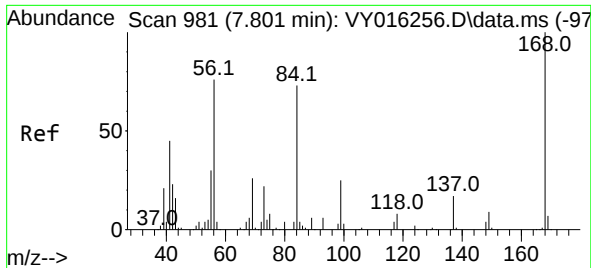
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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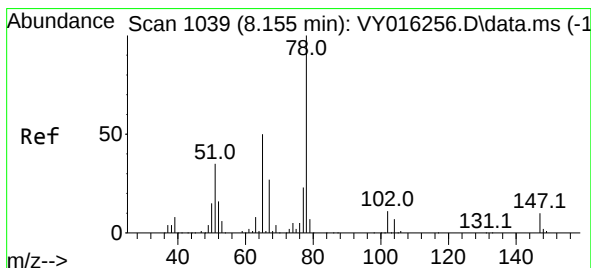
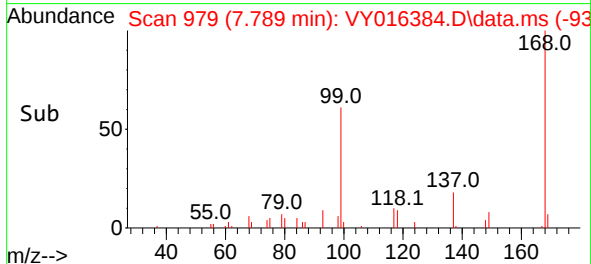
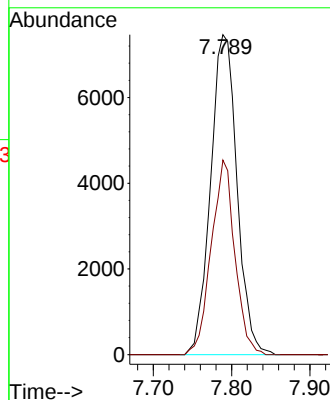
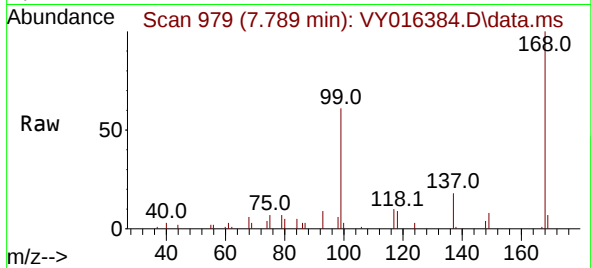




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

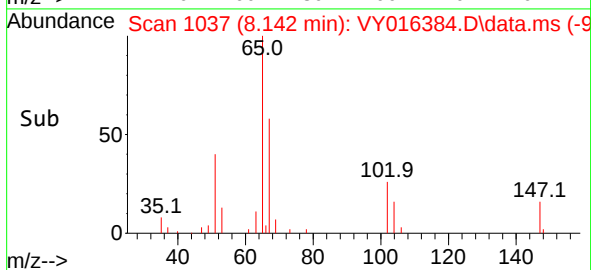
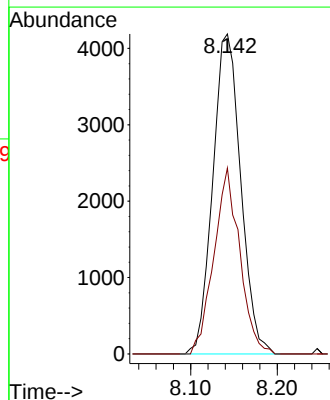
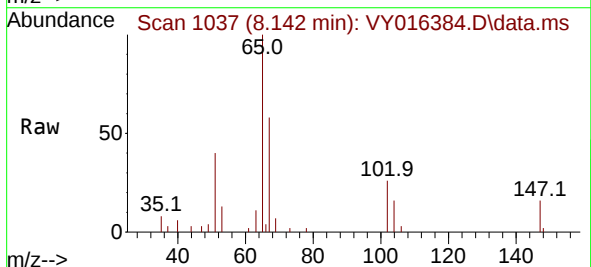
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-111523B

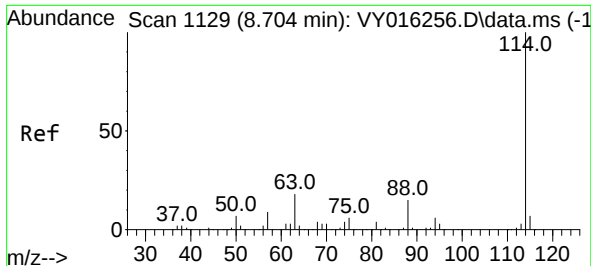
Tgt Ion:168 Resp: 17522
Ion Ratio Lower Upper
168 100
99 60.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.553 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Tgt Ion: 65 Resp: 9377
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-111523B

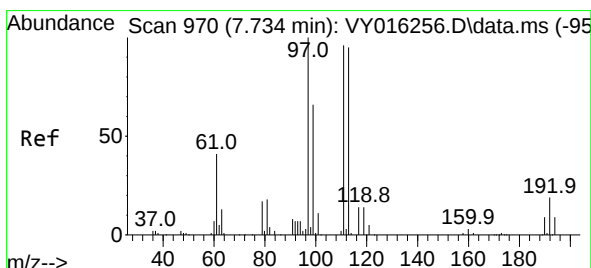
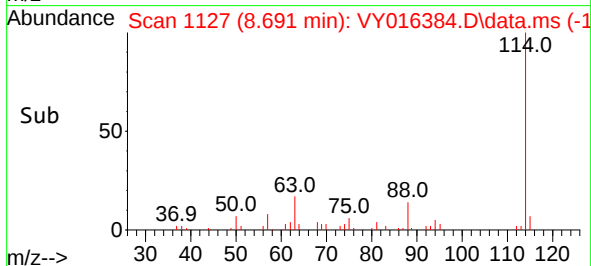
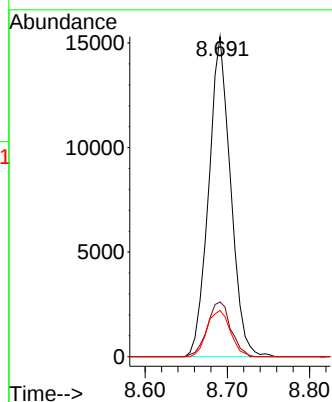
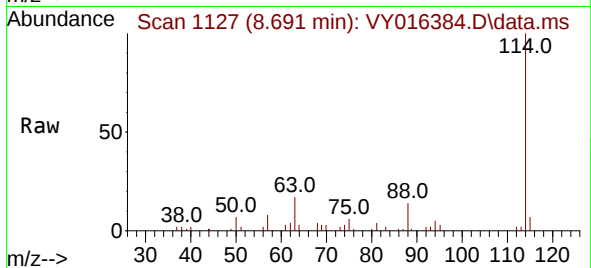
Tgt Ion:114 Resp: 28349

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.656 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

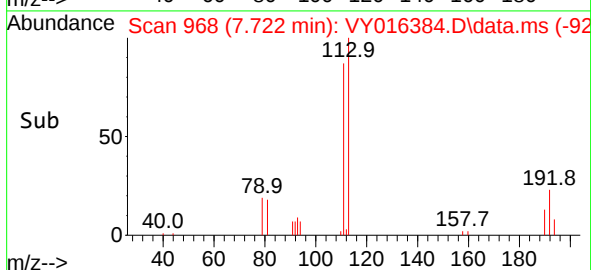
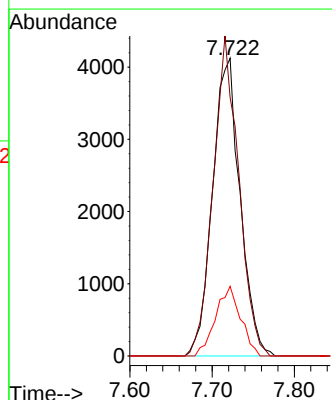
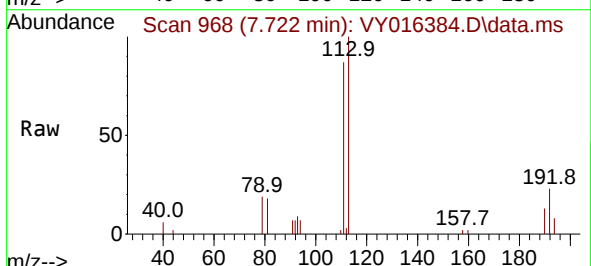
Tgt Ion:113 Resp: 9607

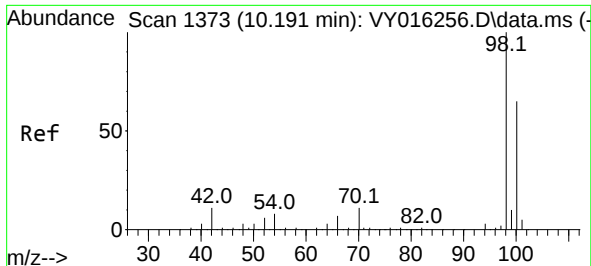
Ion Ratio Lower Upper

113 100

111 99.8 81.3 121.9

192 21.3 16.9 25.3

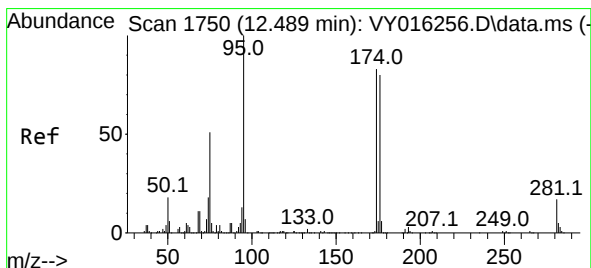
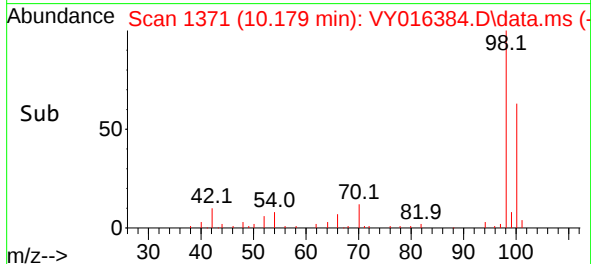
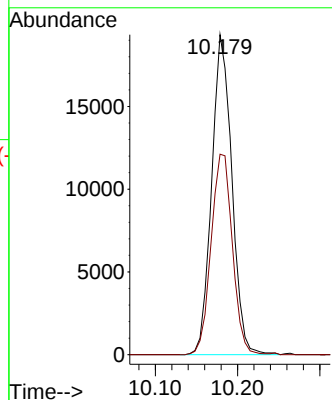
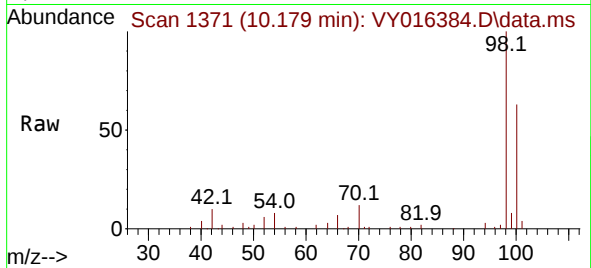




#50
Toluene-d8
Concen: 50.494 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

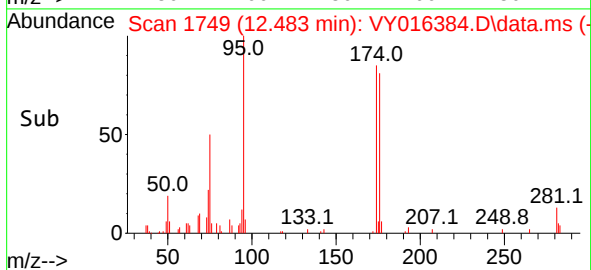
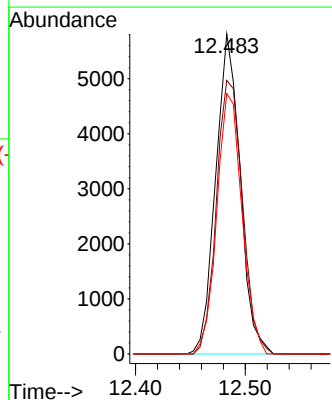
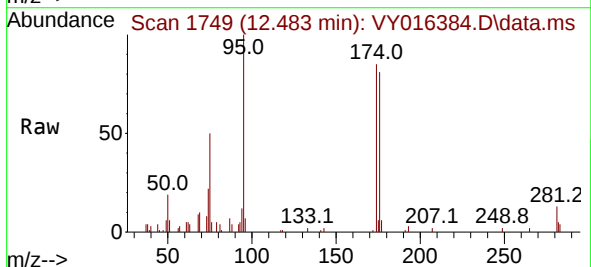
Instrument :
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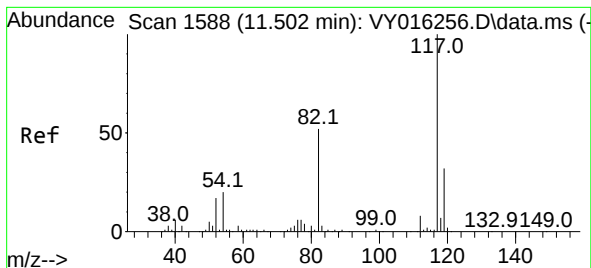
Tgt Ion: 98 Resp: 32975
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016384.D
Acq: 16 Nov 2023 13:19

Tgt Ion: 95 Resp: 9037
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-111523B

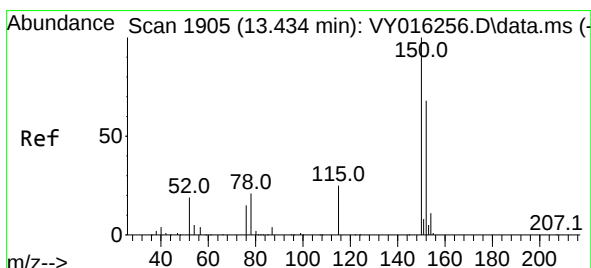
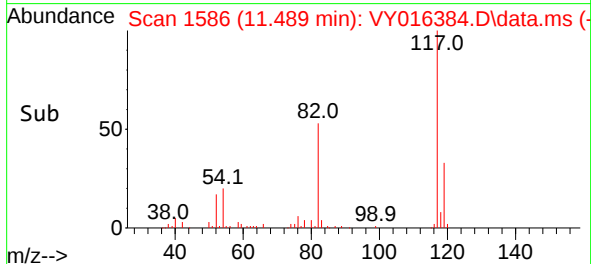
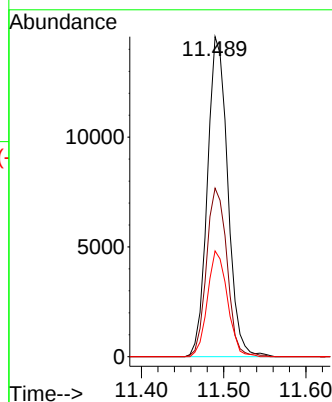
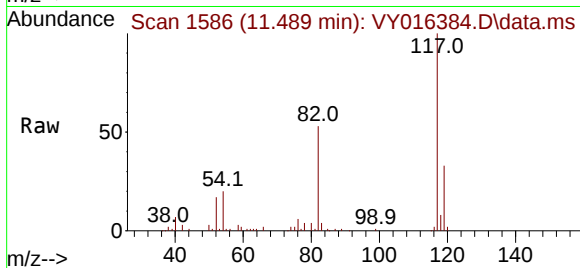
Tgt Ion:117 Resp: 25030

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016384.D

Acq: 16 Nov 2023 13:19

Tgt Ion:152 Resp: 9419

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.2 0.0 348.8

