

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009113.D
 Acq On : 26 May 2022 13:16
 Operator : KP/MD
 Sample : N3001-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02-COMP

Quant Time: May 27 03:23:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66265	60.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.020%
35) Dibromofluoromethane	7.716	113	62418	52.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.100%
50) Toluene-d8	10.179	98	239967	54.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.483	95	66468	37.247	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.500%

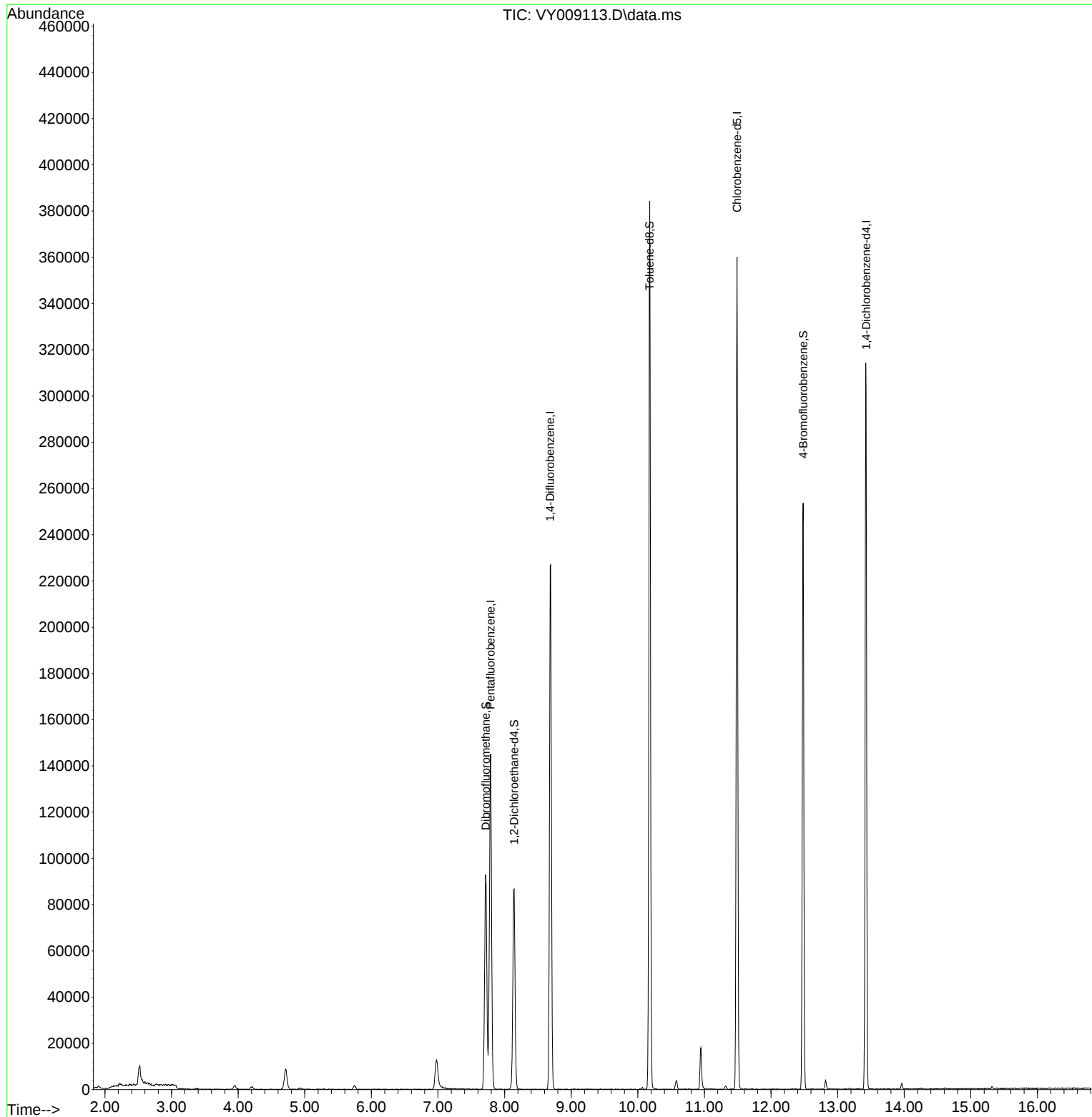
Target Compounds	Qvalue

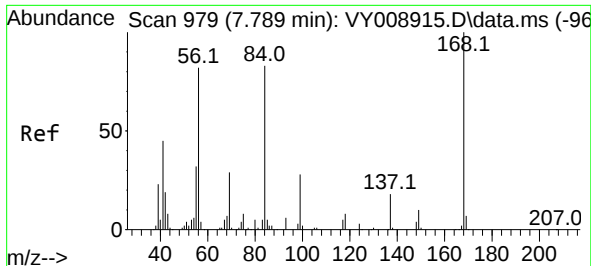
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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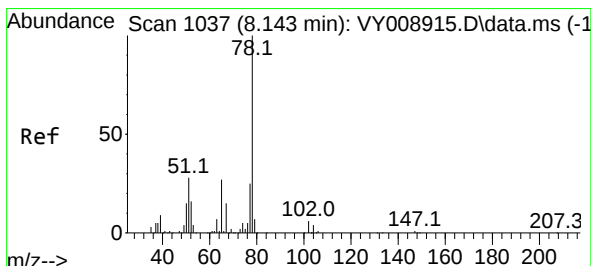
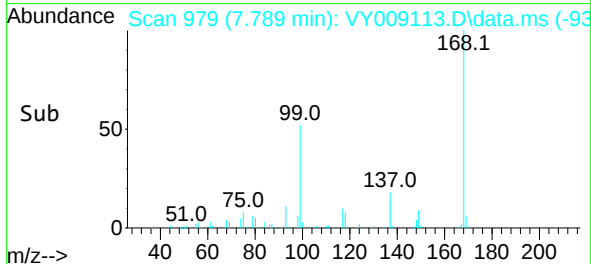
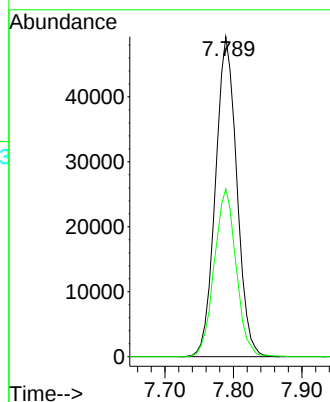
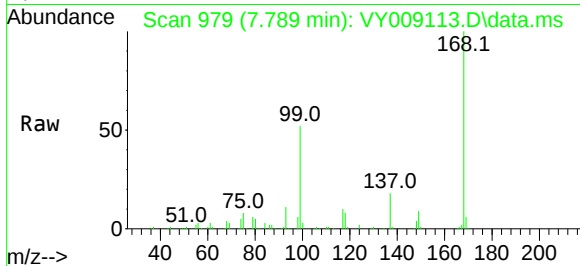




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

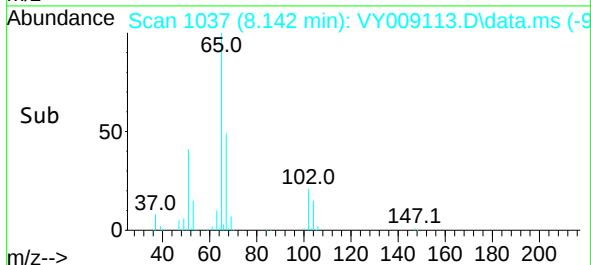
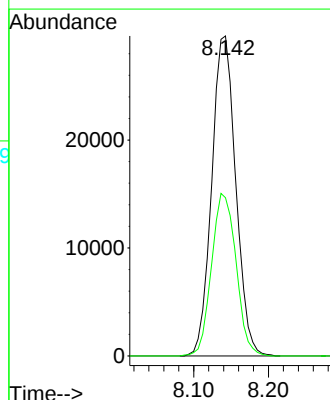
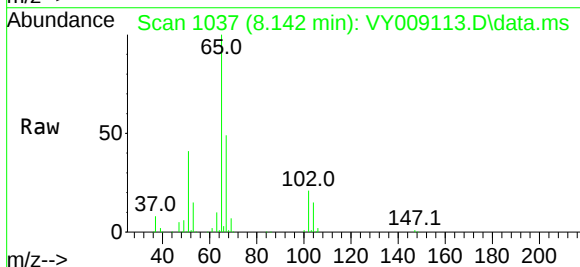
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

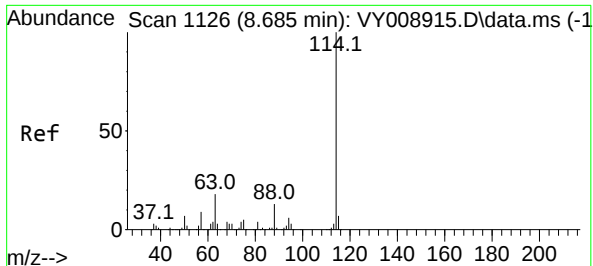
Tgt Ion:168 Resp: 106408
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.509 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 65 Resp: 66265
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-02-COMP

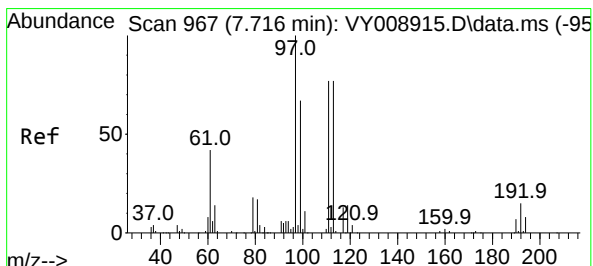
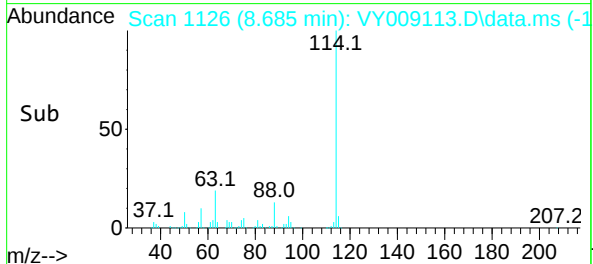
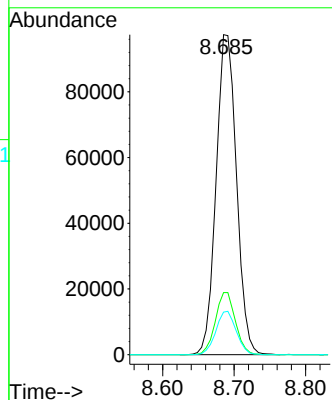
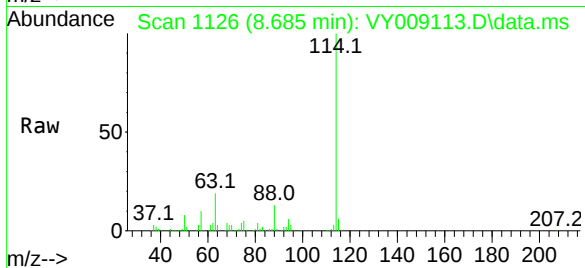
Tgt Ion:114 Resp: 192839

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.052 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

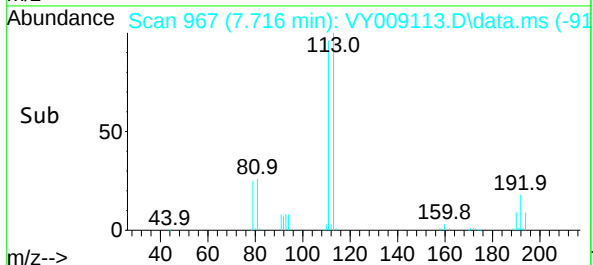
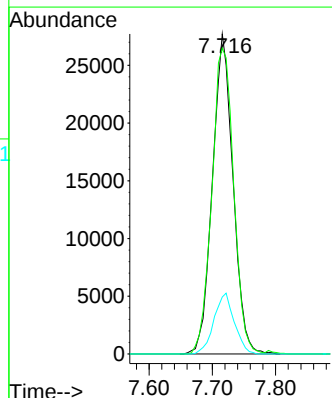
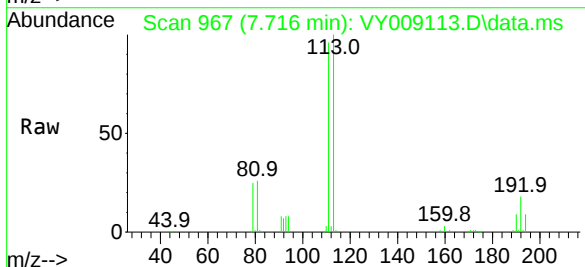
Tgt Ion:113 Resp: 62418

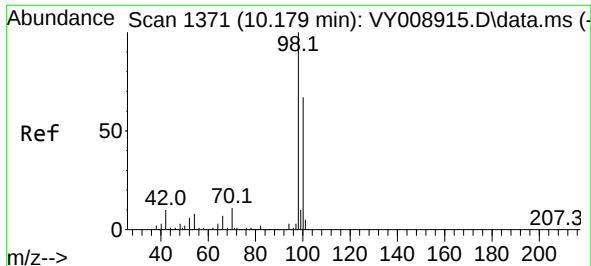
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.8 17.6 26.4

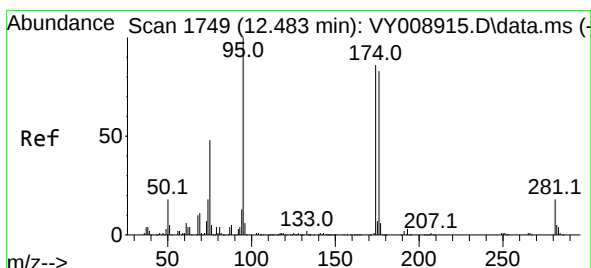
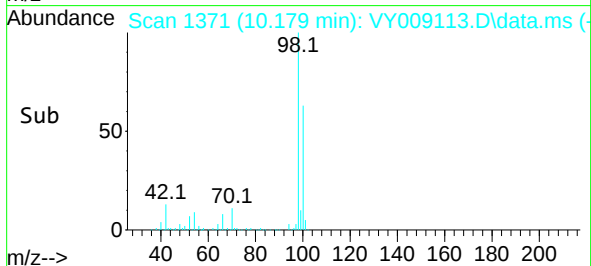
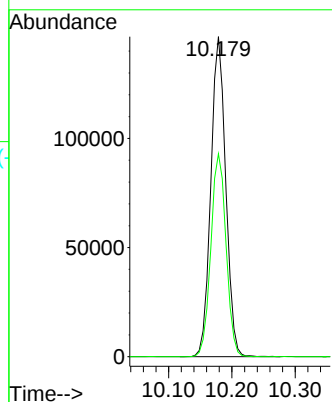
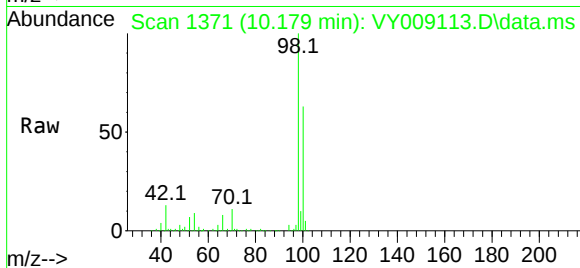




#50
Toluene-d8
Concen: 54.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

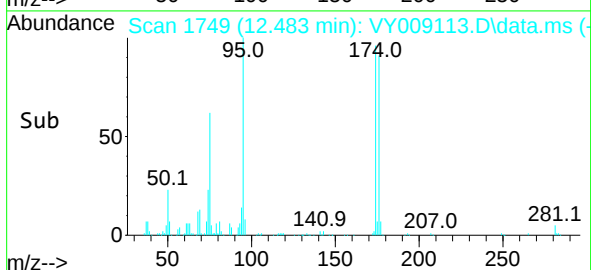
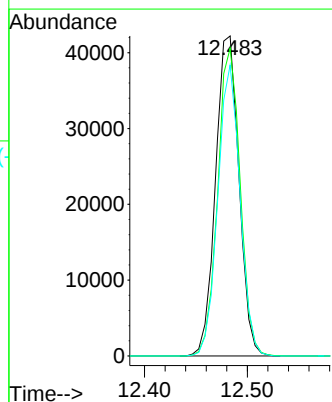
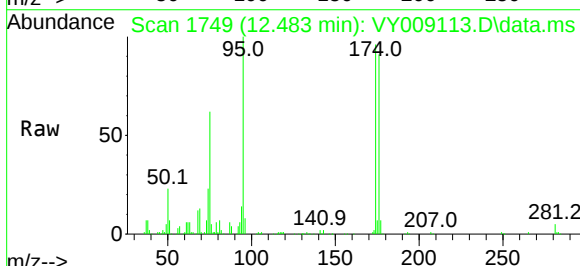
Instrument :
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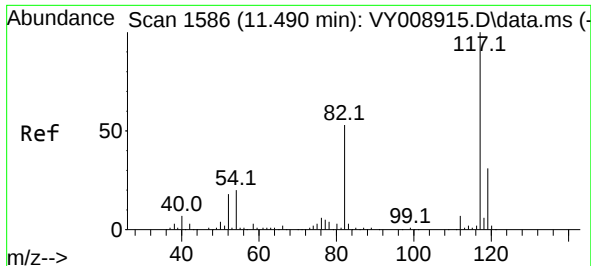
Tgt Ion: 98 Resp: 239967
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.247 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009113.D
Acq: 26 May 2022 13:16

Tgt Ion: 95 Resp: 66468
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 86.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-02-COMP

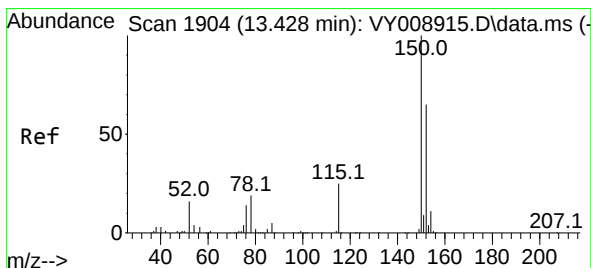
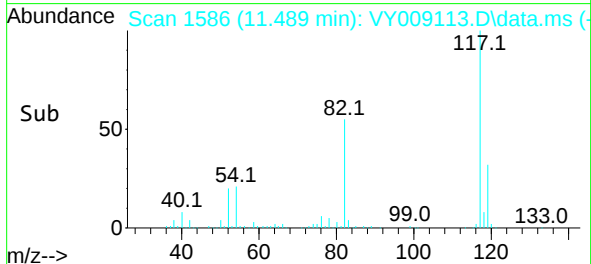
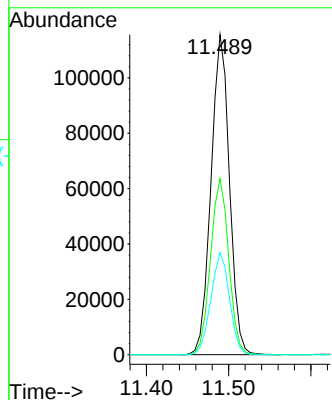
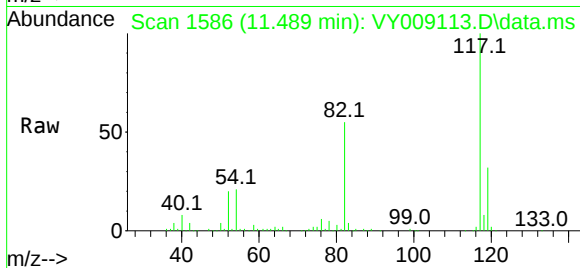
Tgt Ion:117 Resp: 179668

Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009113.D

Acq: 26 May 2022 13:16

Tgt Ion:152 Resp: 76130

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 155.4 0.0 347.6

