

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007375.D
 Acq On : 03 Feb 2022 14:27
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 04 08:40:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64097	50.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.640%
35) Dibromofluoromethane	7.716	113	66153	50.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.740%
50) Toluene-d8	10.179	98	248803	51.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.483	95	87648	53.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.300%

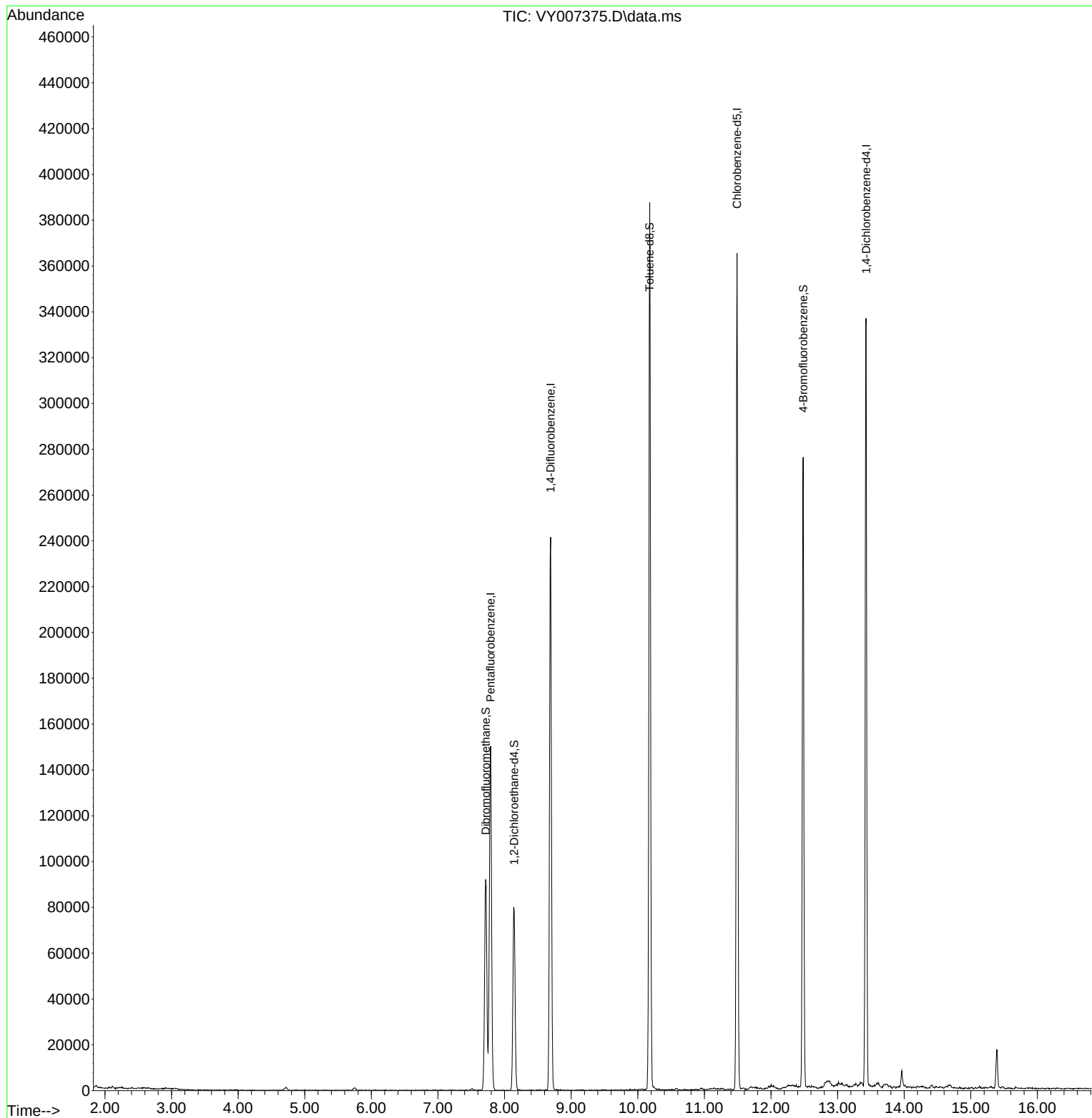
Target Compounds	Qvalue

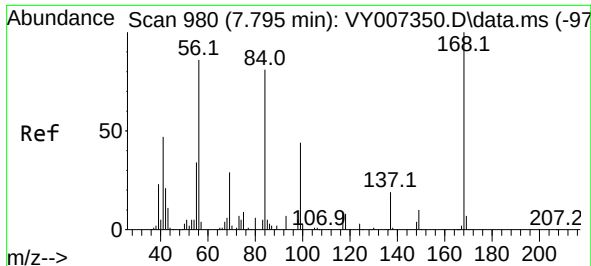
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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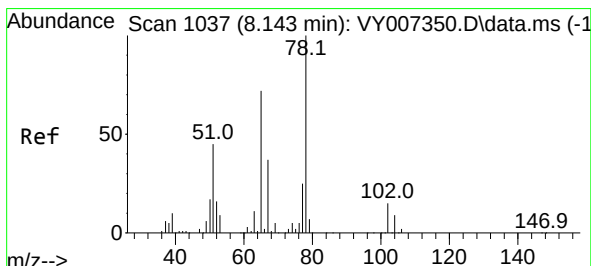
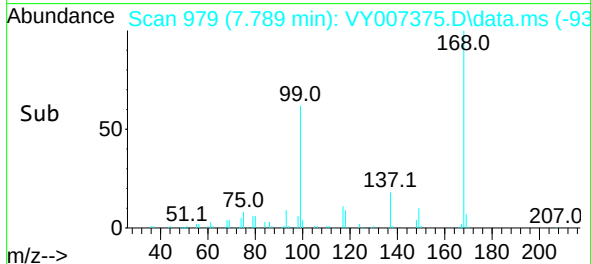
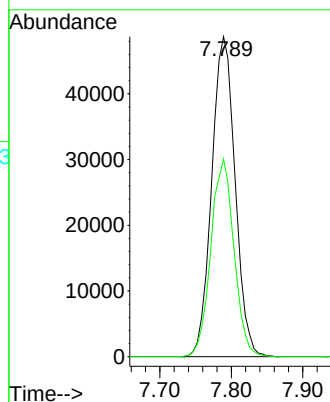
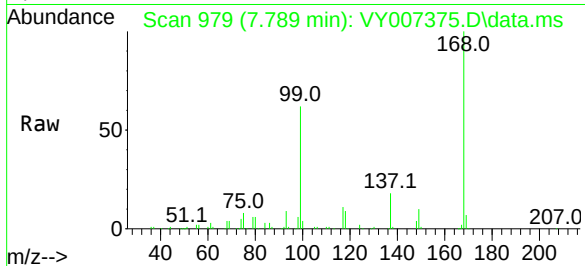




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007375.D
Acq: 03 Feb 2022 14:27

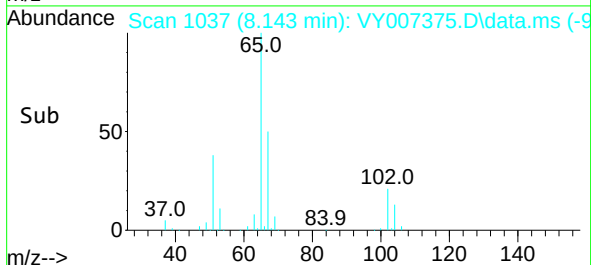
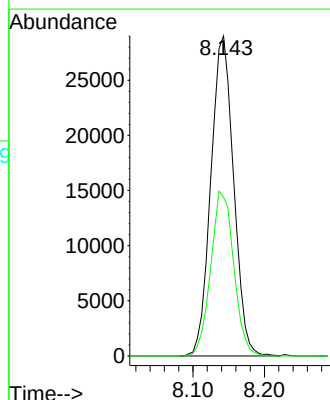
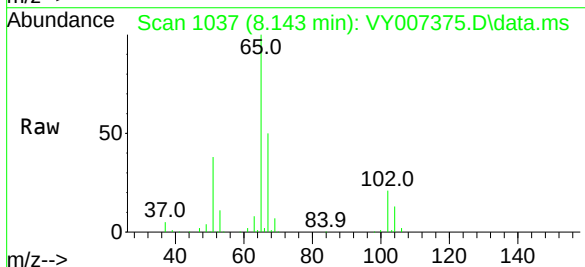
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

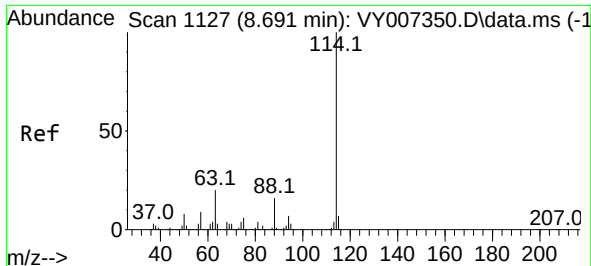
Tgt Ion:168 Resp: 110732
Ion Ratio Lower Upper
168 100
99 61.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.324 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007375.D
Acq: 03 Feb 2022 14:27

Tgt Ion: 65 Resp: 64097
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007375.D

Acq: 03 Feb 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

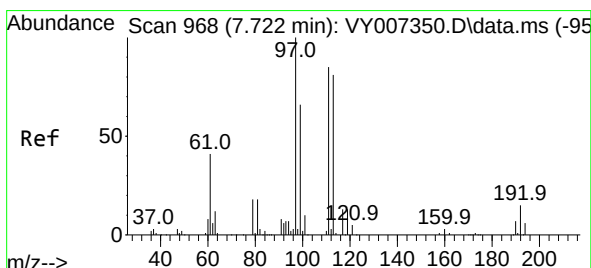
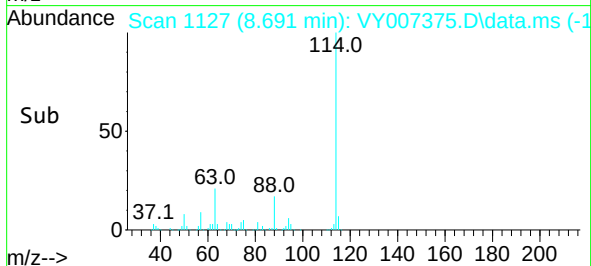
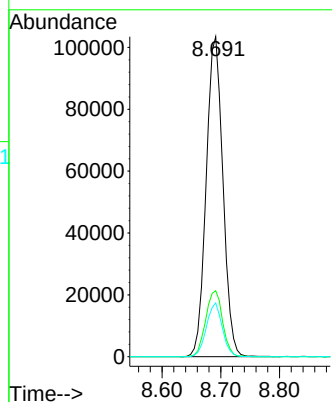
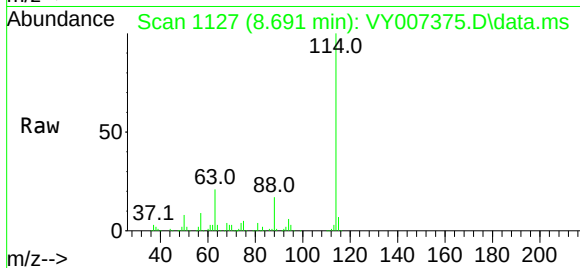
Tgt Ion:114 Resp: 204527

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 16.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.370 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007375.D

Acq: 03 Feb 2022 14:27

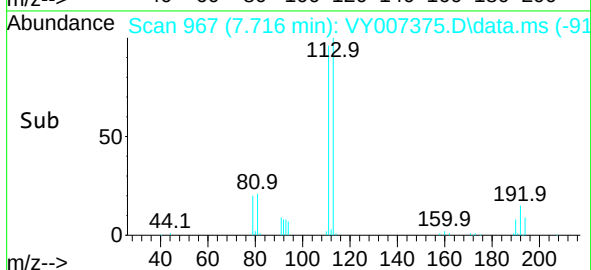
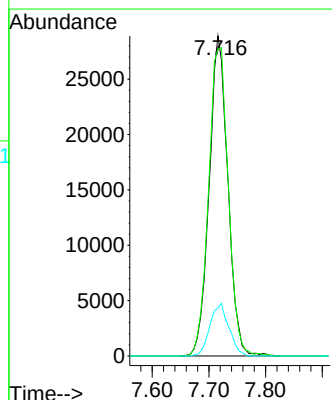
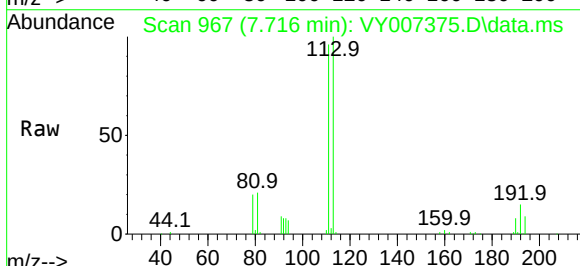
Tgt Ion:113 Resp: 66153

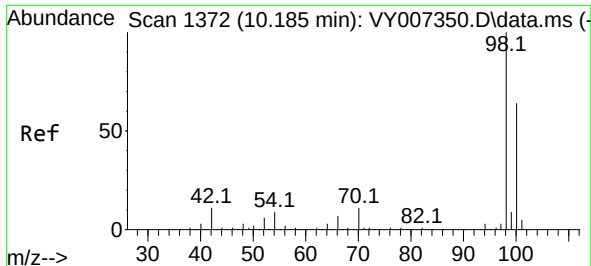
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 16.6 17.6 26.4#

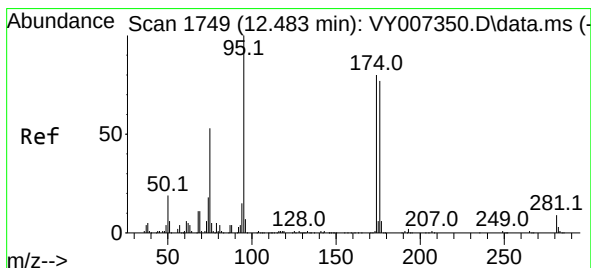
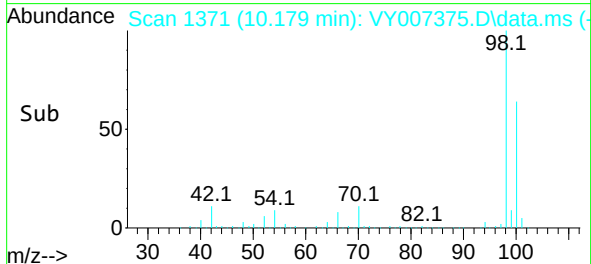
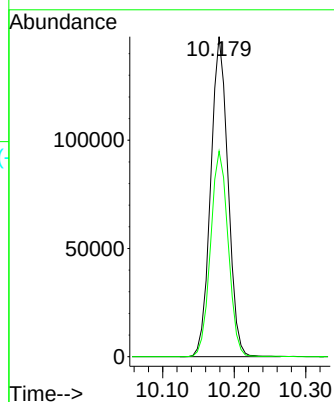
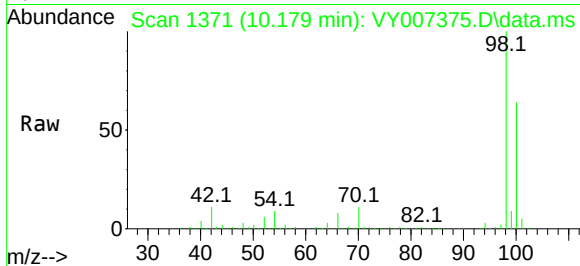




#50
Toluene-d8
Concen: 51.277 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007375.D
Acq: 03 Feb 2022 14:27

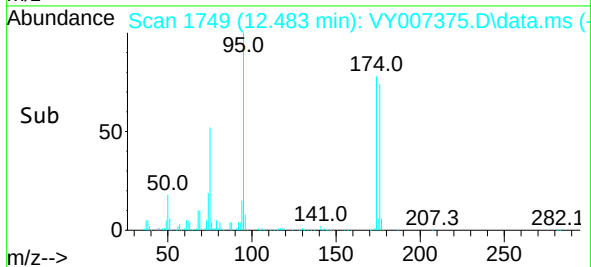
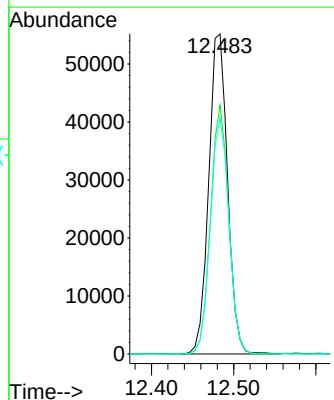
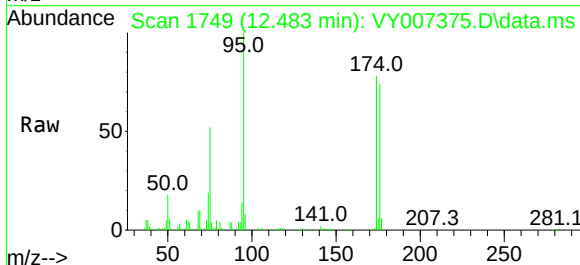
Instrument :
MSVOA_Y
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VIBLK

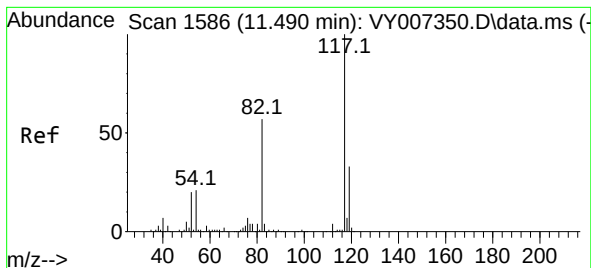
Tgt Ion: 98 Resp: 248803
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.146 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007375.D
Acq: 03 Feb 2022 14:27

Tgt Ion: 95 Resp: 87648
Ion Ratio Lower Upper
95 100
174 74.8 0.0 177.0
176 72.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007375.D

Acq: 03 Feb 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

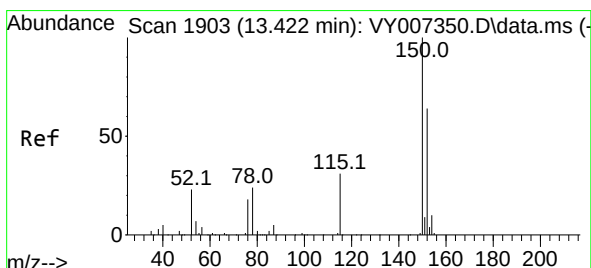
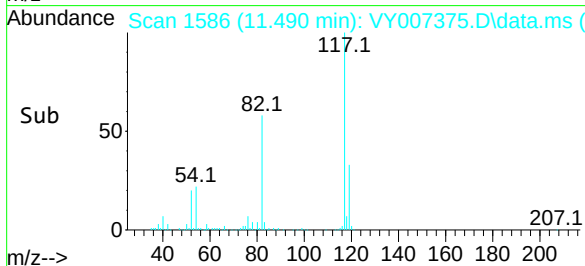
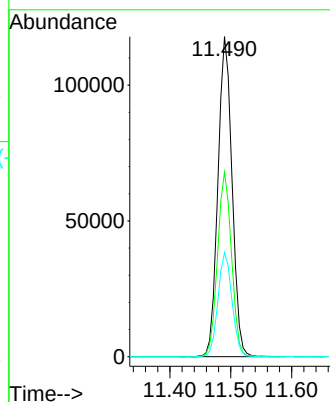
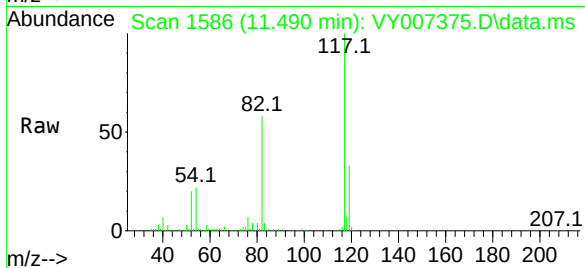
Tgt Ion:117 Resp: 189654

Ion Ratio Lower Upper

117 100

82 57.7 43.0 64.4

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007375.D

Acq: 03 Feb 2022 14:27

Tgt Ion:152 Resp: 82250

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 156.7 0.0 347.6

