

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007370.D
 Acq On : 03 Feb 2022 11:48
 Operator : SY/MD
 Sample : N1381-02
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(33-35)-02-01-22

Quant Time: Feb 04 08:39:33 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	7.795	168	109791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68597	54.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.722	113	67430	51.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.179	98	250738	51.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.483	95	88304	53.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.460%	

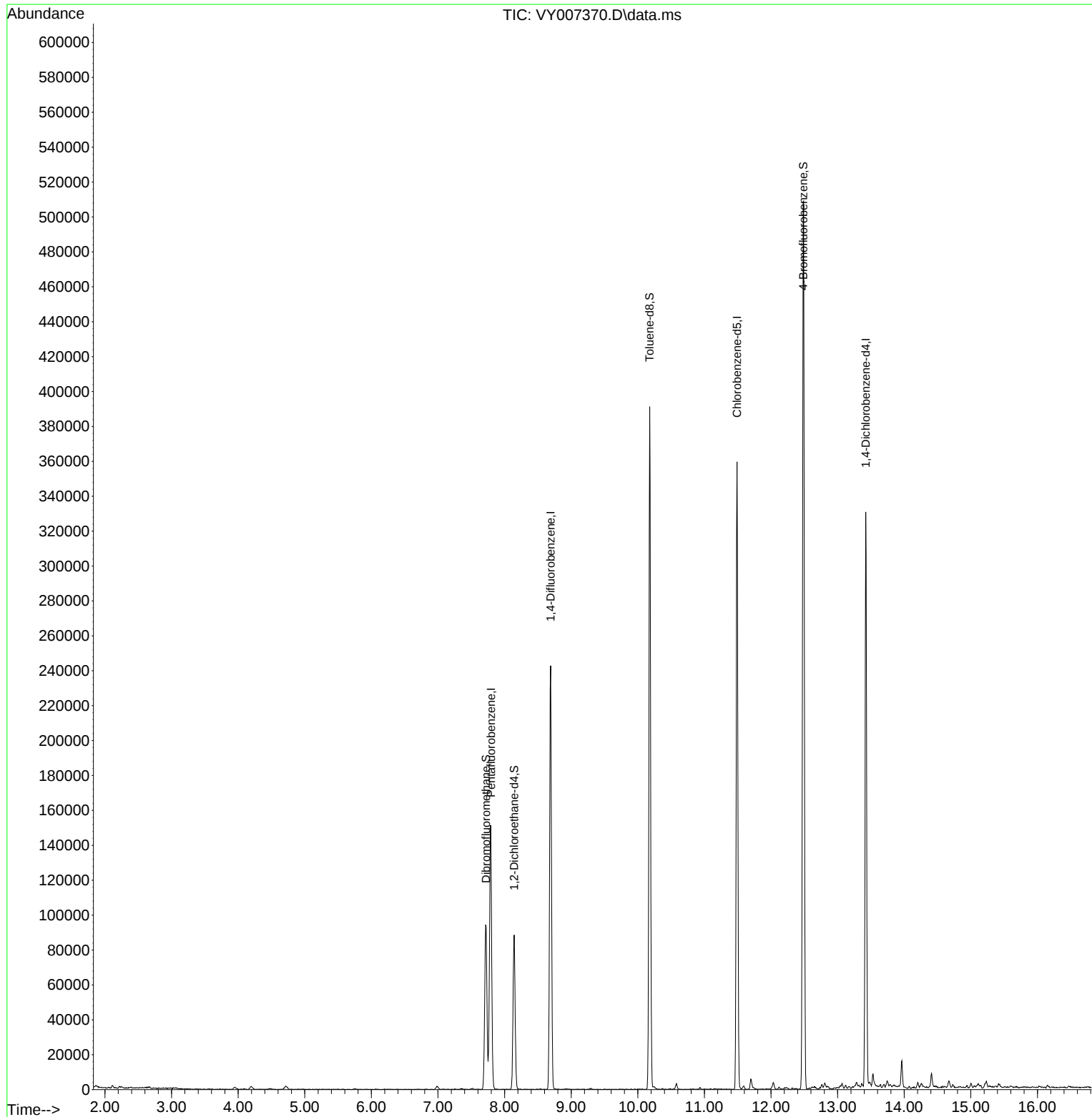
Target Compounds	Qvalue

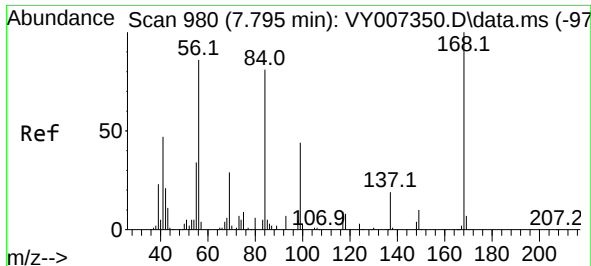
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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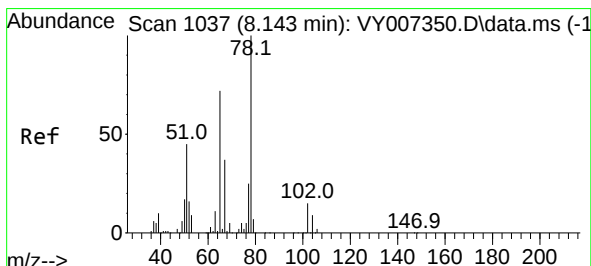
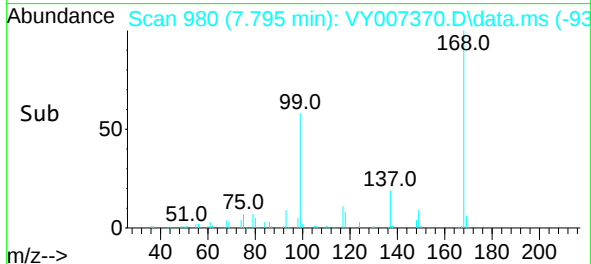
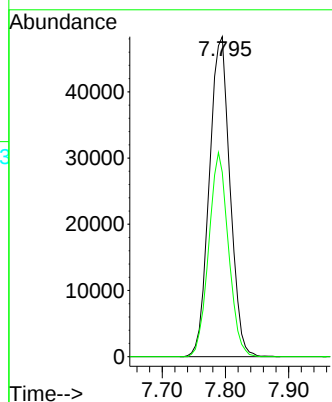
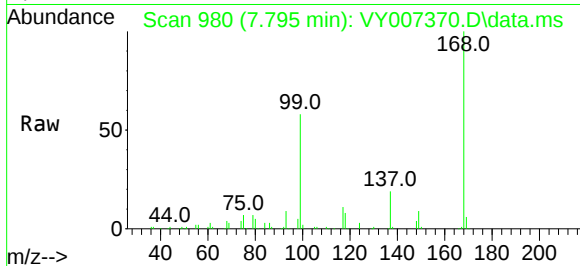




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

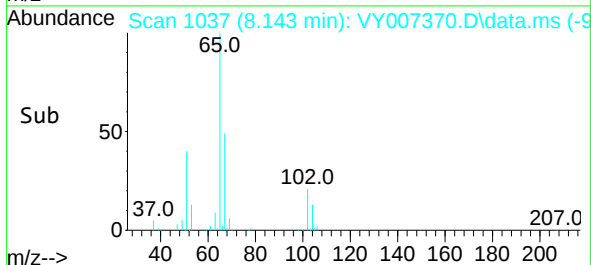
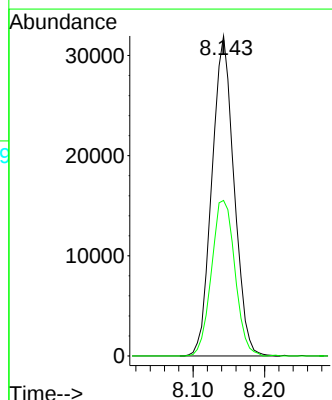
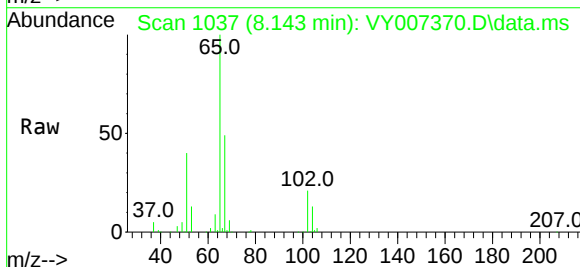
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(33-35)-02-01-22

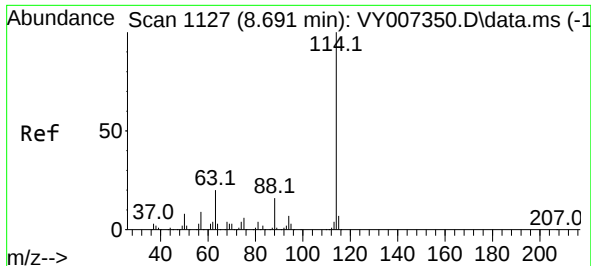
Tgt Ion:168 Resp: 109791
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.319 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Tgt Ion: 65 Resp: 68597
Ion Ratio Lower Upper
65 100
67 51.6 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: VY007370.D

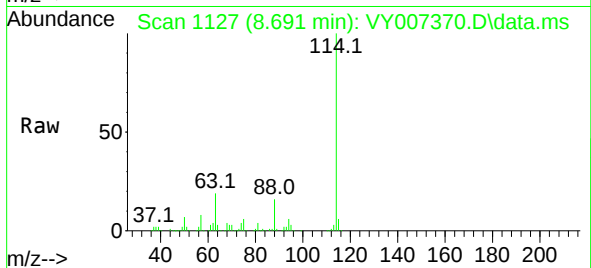
Acq: 03 Feb 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

DB-05(33-35)-02-01-22



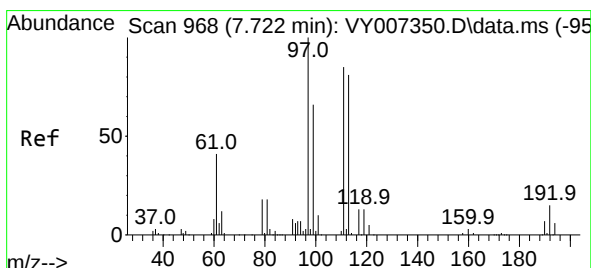
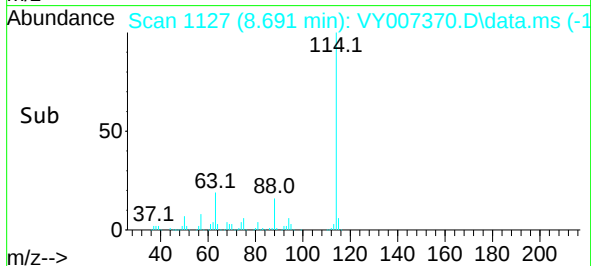
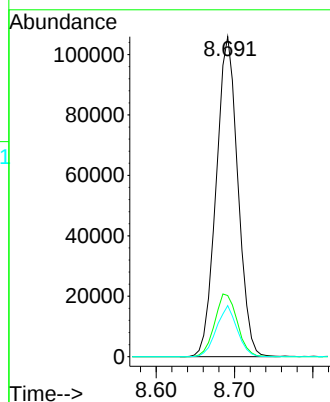
Tgt Ion:114 Resp: 203816

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.521 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

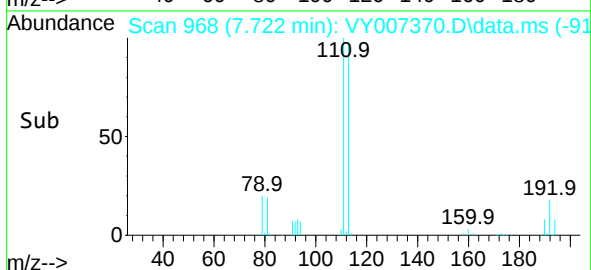
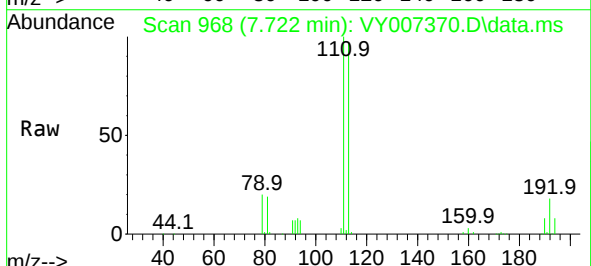
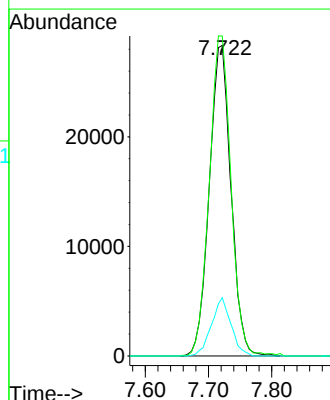
Tgt Ion:113 Resp: 67430

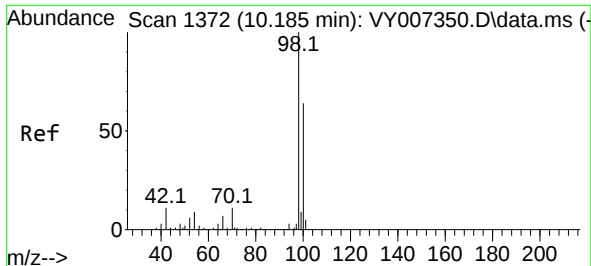
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 16.9 17.6 26.4#

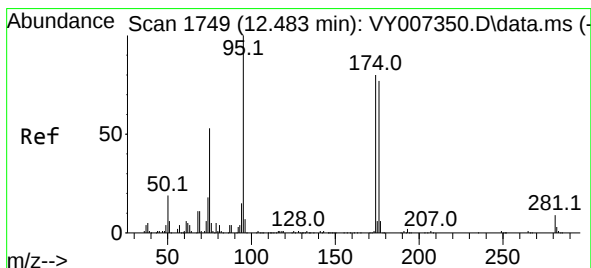
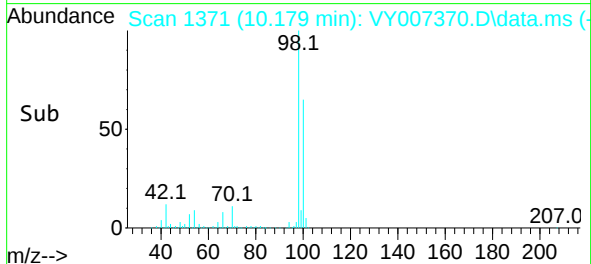
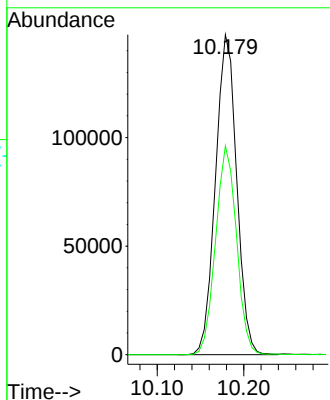
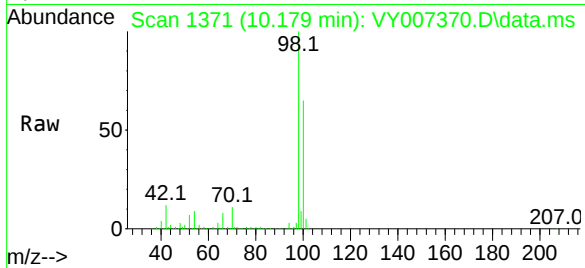




#50
Toluene-d8
Concen: 51.856 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

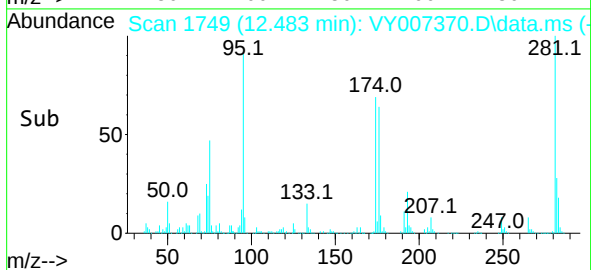
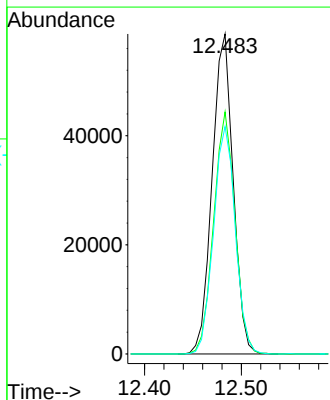
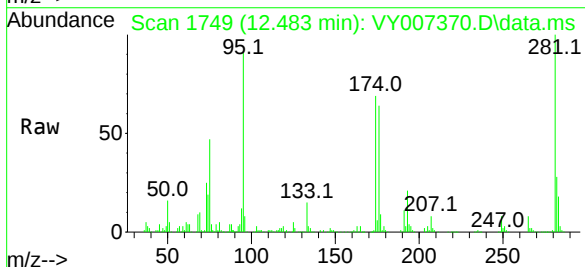
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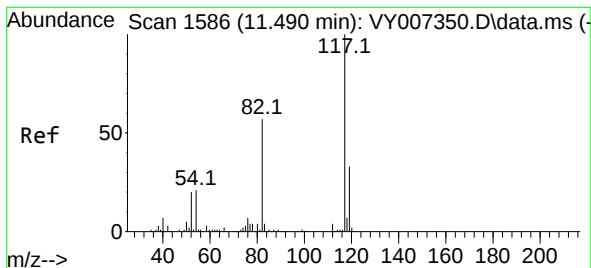
Tgt Ion: 98 Resp: 250738
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007370.D
Acq: 03 Feb 2022 11:48

Tgt Ion: 95 Resp: 88304
Ion Ratio Lower Upper
95 100
174 76.9 0.0 177.0
176 73.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

DB-05(33-35)-02-01-22

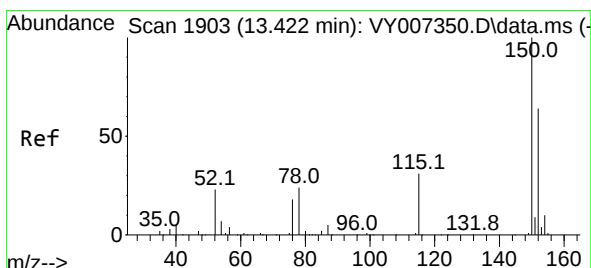
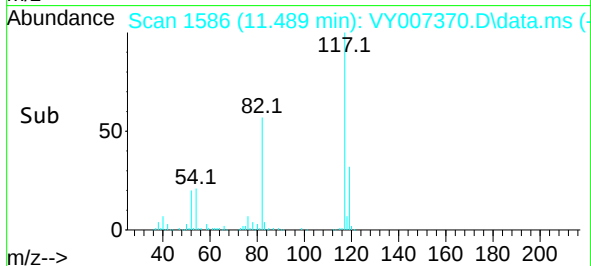
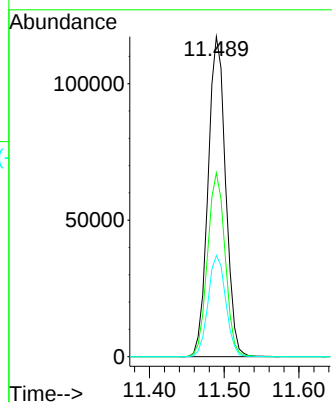
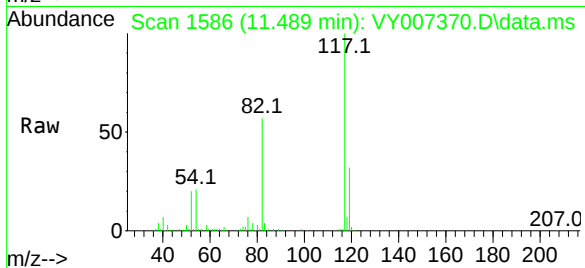
Tgt Ion:117 Resp: 191036

Ion Ratio Lower Upper

117 100

82 57.4 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY007370.D

Acq: 03 Feb 2022 11:48

Tgt Ion:152 Resp: 81096

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 157.0 0.0 347.6

