

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007453.D
 Acq On : 09 Feb 2022 15:23
 Operator : SY/MD
 Sample : N1455-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 10 05:35:50 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	82912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54205	56.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.680%
35) Dibromofluoromethane	7.722	113	51827	51.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.179	98	189097	51.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.483	95	58412	46.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.140%

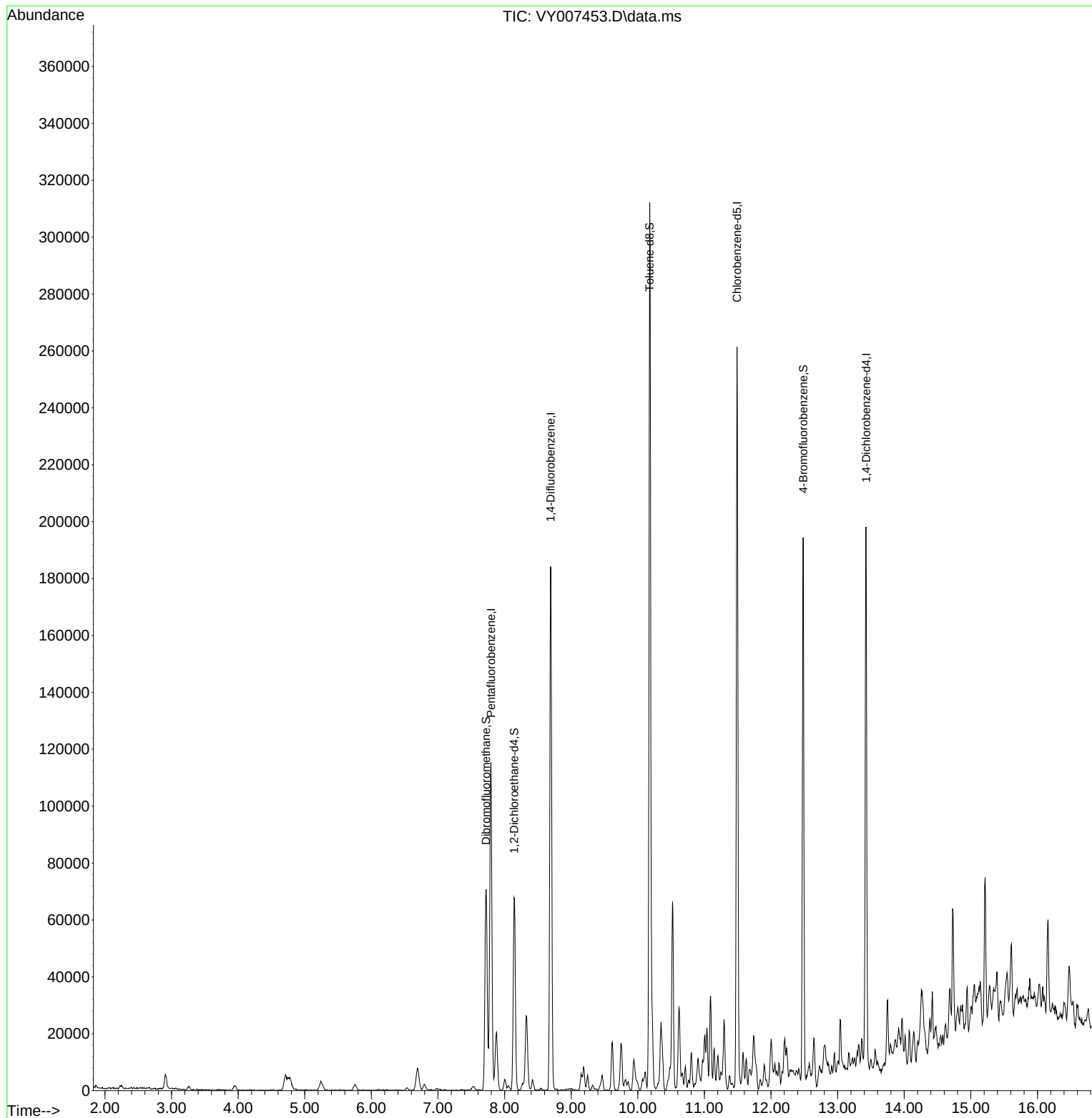
Target Compounds	Qvalue

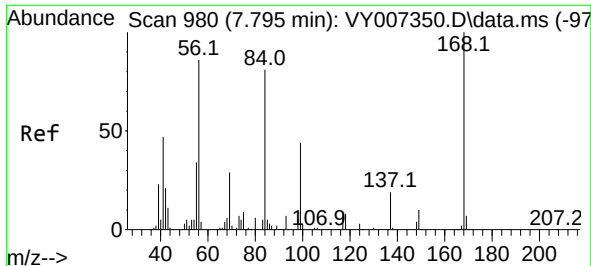
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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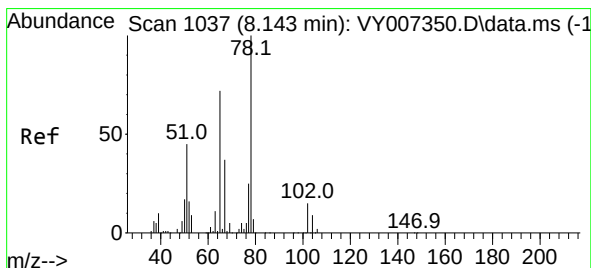
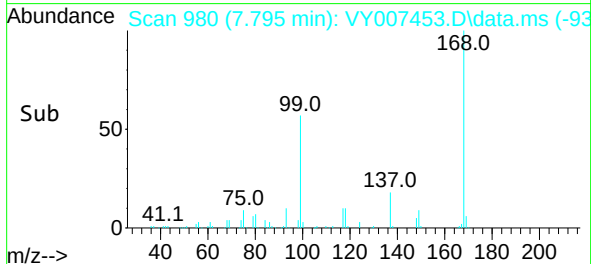
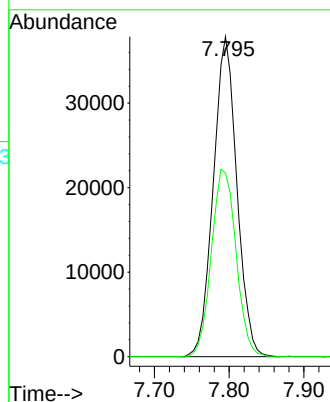
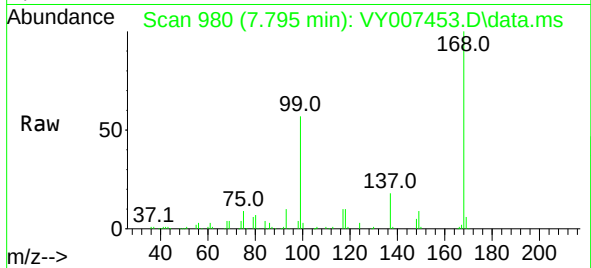




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

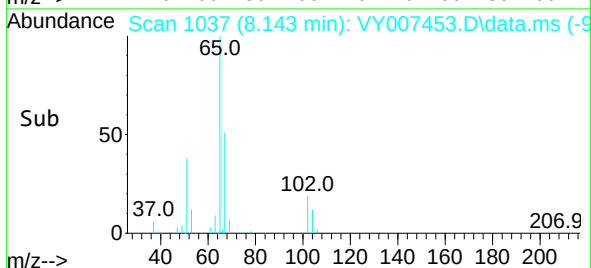
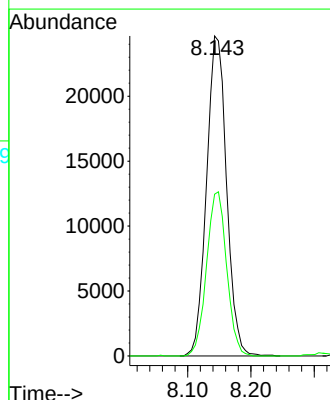
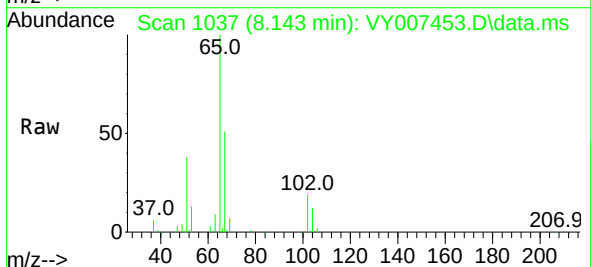
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

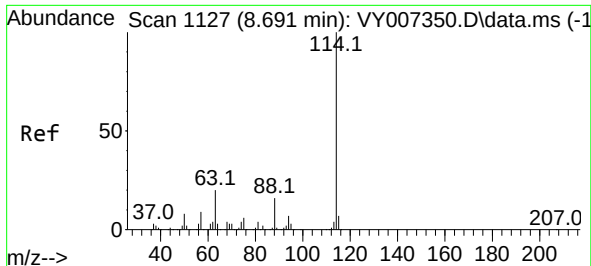
Tgt Ion:168 Resp: 82912
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.837 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 65 Resp: 54205
Ion Ratio Lower Upper
65 100
67 51.5 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: VY007453.D

Acq: 09 Feb 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

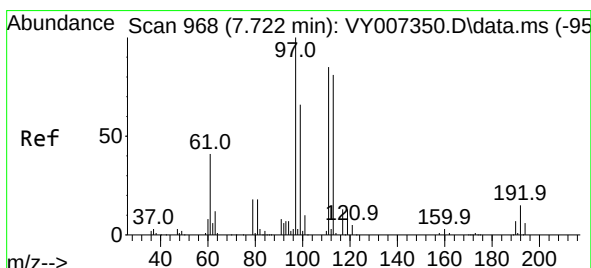
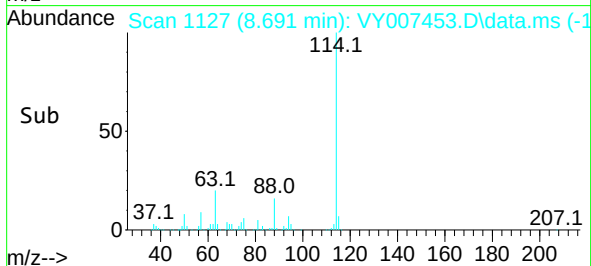
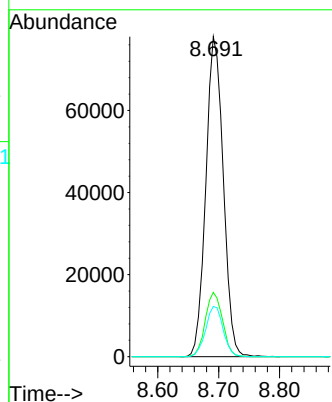
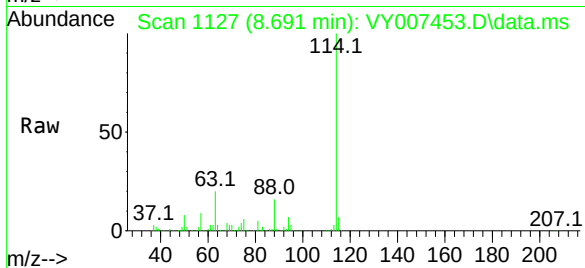
Tgt Ion:114 Resp: 155554

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.886 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007453.D

Acq: 09 Feb 2022 15:23

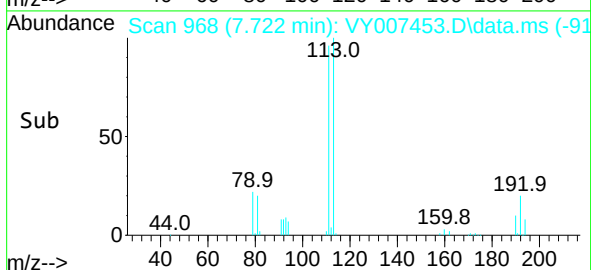
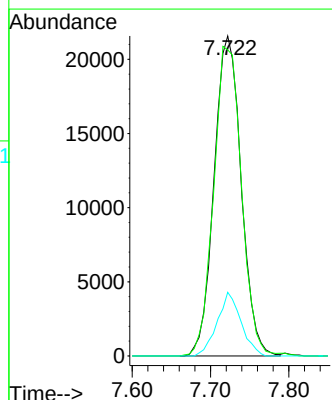
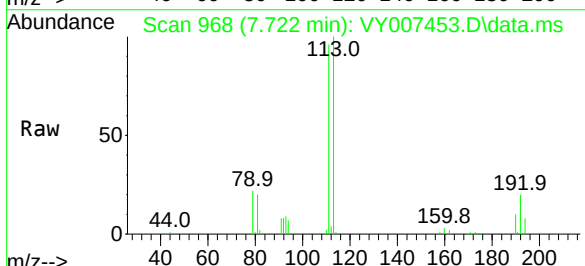
Tgt Ion:113 Resp: 51827

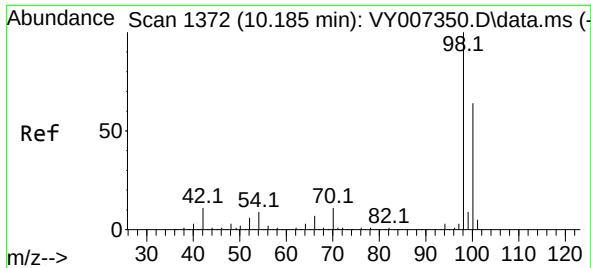
Ion Ratio Lower Upper

113 100

111 99.4 82.6 124.0

192 17.5 17.6 26.4#

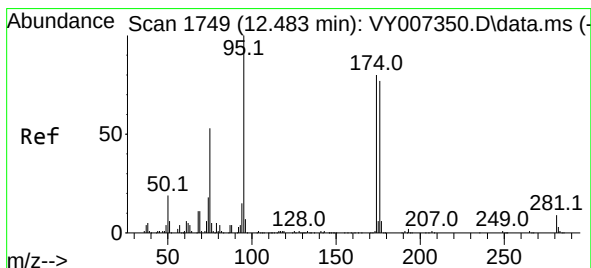
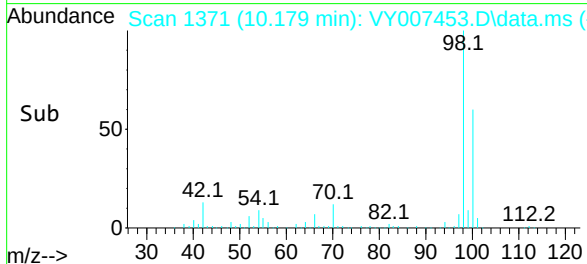
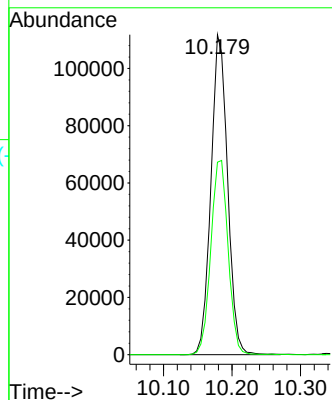
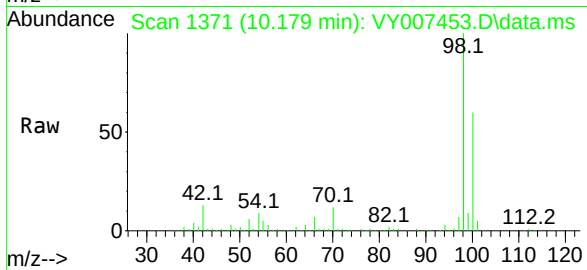




#50
Toluene-d8
Concen: 51.241 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

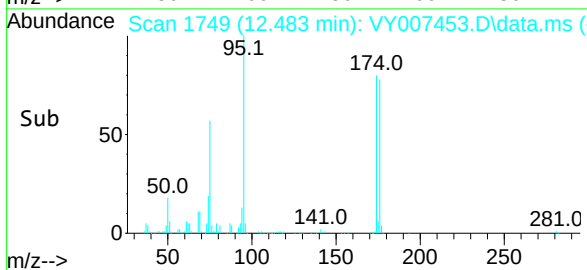
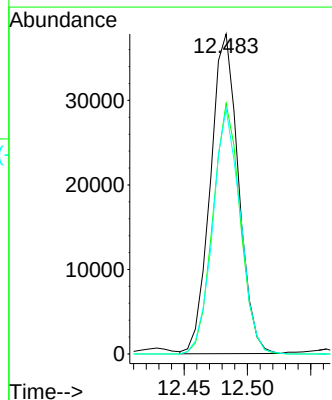
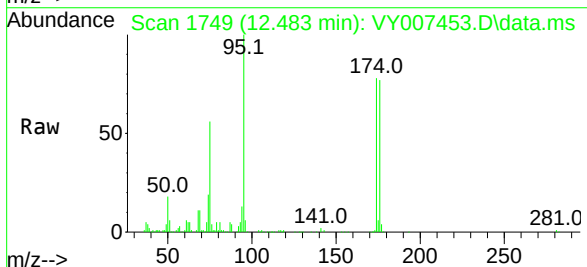
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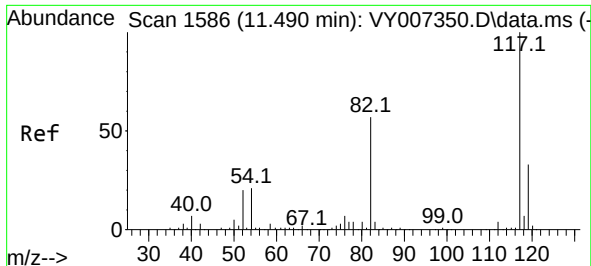
Tgt Ion: 98 Resp: 189097
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion: 95 Resp: 58412
Ion Ratio Lower Upper
95 100
174 75.9 0.0 177.0
176 75.0 0.0 175.8

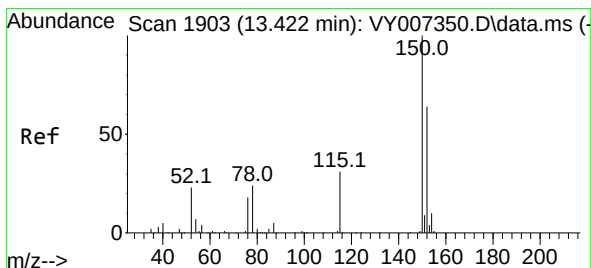
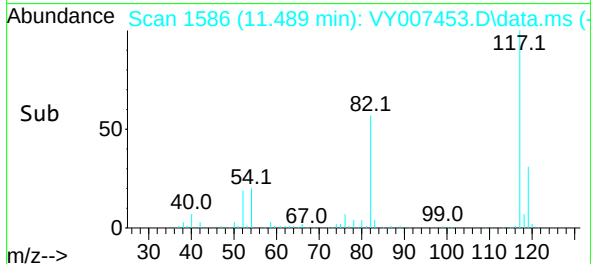
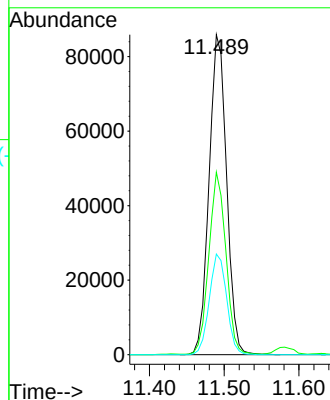
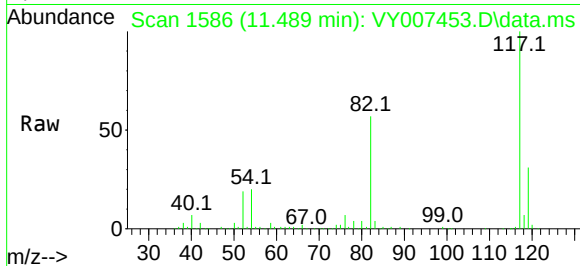




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007453.D
Acq: 09 Feb 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 139669
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 31.5 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: VY007453.D
Acq: 09 Feb 2022 15:23

Tgt Ion:152 Resp: 46750
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 156.6 0.0 347.6

