

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011954.D
 Acq On : 21 Dec 2022 18:07
 Operator : KP/MD
 Sample : N6151-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-01-(0-2)

Quant Time: Dec 22 00:14:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	287	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	305	105.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	210.960%#
35) Dibromofluoromethane	7.716	113	104	37.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.940%
50) Toluene-d8	10.179	98	530	47.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.140%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

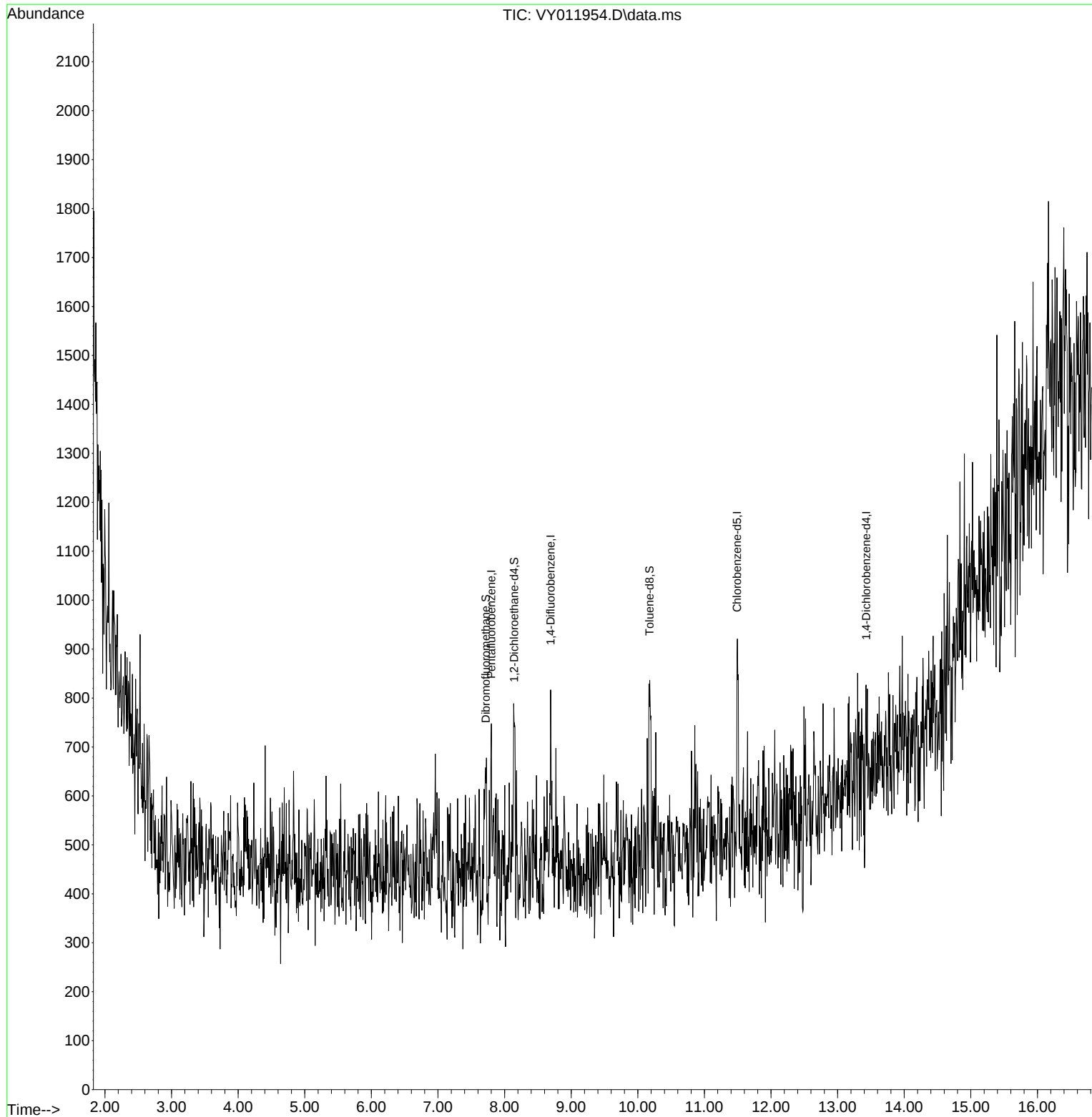
Target Compounds	Qvalue

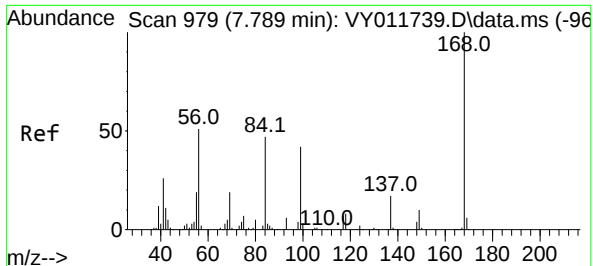
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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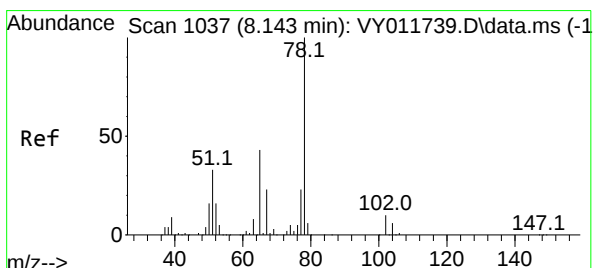
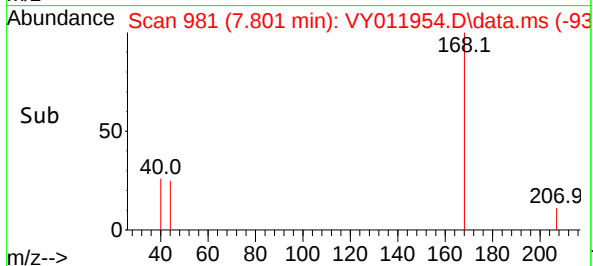
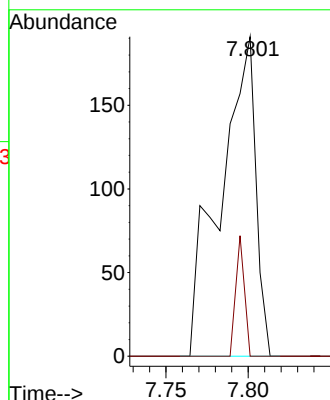
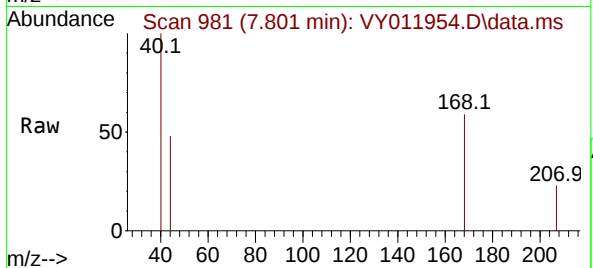




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY011954.D
Acq: 21 Dec 2022 18:07

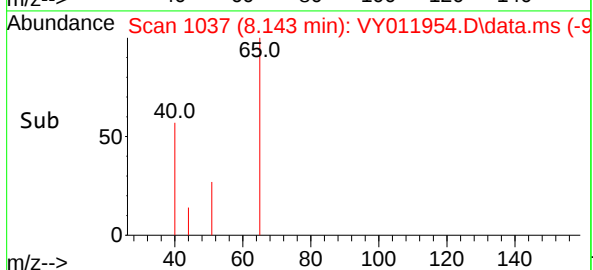
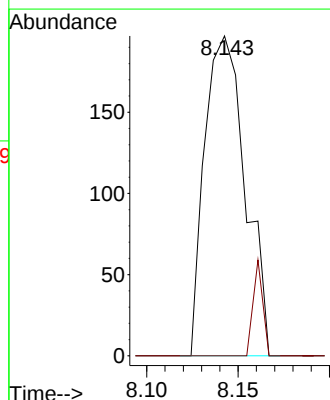
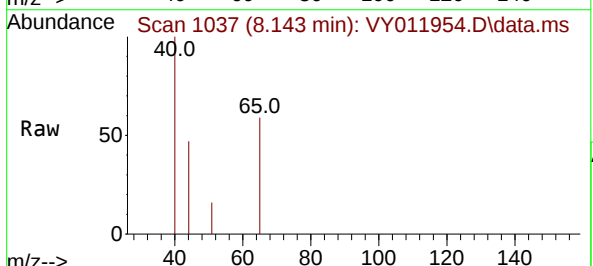
Instrument :
MSVOA_Y
ClientSampleId :
FS-01-(0-2)

Tgt Ion:168 Resp: 287
Ion Ratio Lower Upper
168 100
99 0.0 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 105.483 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011954.D
Acq: 21 Dec 2022 18:07

Tgt Ion: 65 Resp: 305
Ion Ratio Lower Upper
65 100
67 7.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011954.D

Acq: 21 Dec 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

FS-01-(0-2)

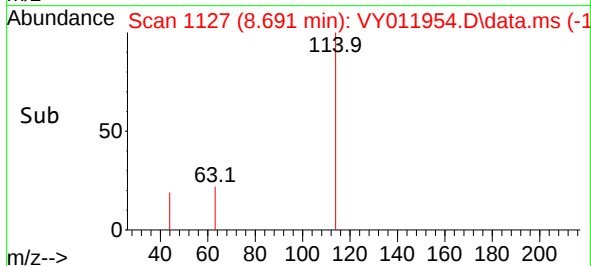
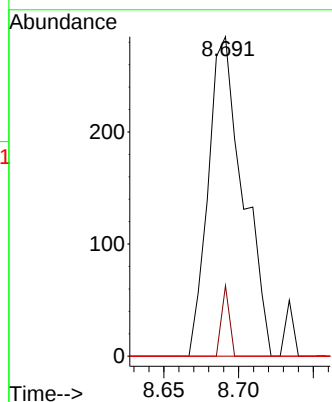
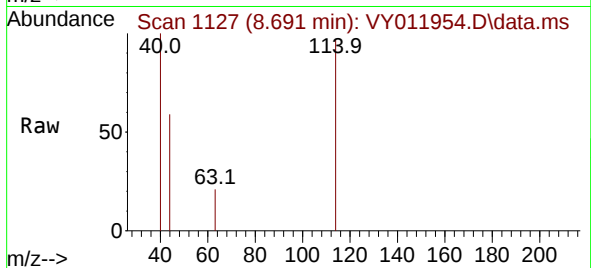
Tgt Ion:114 Resp: 461

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.6

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 37.473 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011954.D

Acq: 21 Dec 2022 18:07

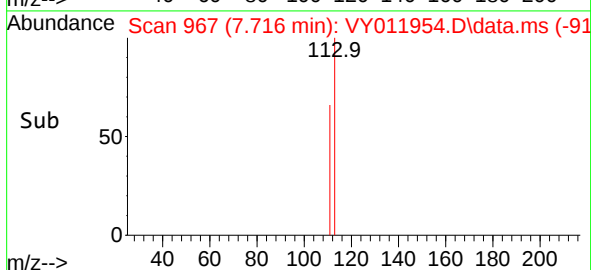
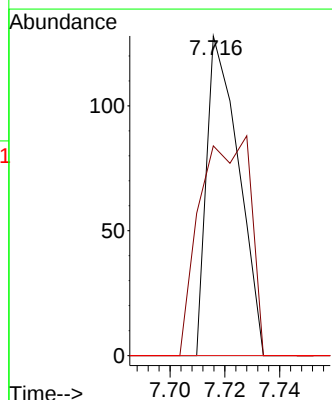
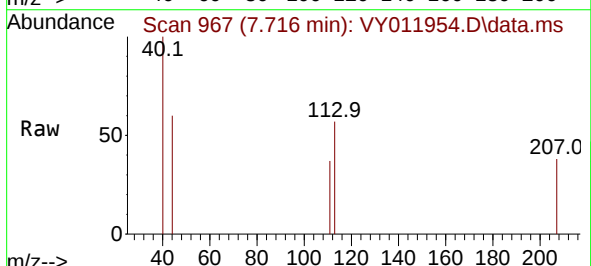
Tgt Ion:113 Resp: 104

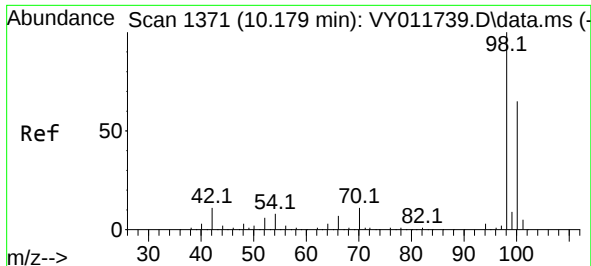
Ion Ratio Lower Upper

113 100

111 107.7 83.0 124.4

192 0.0 16.0 24.0#





#50

Toluene-d8

Concen: 47.068 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011954.D

Acq: 21 Dec 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

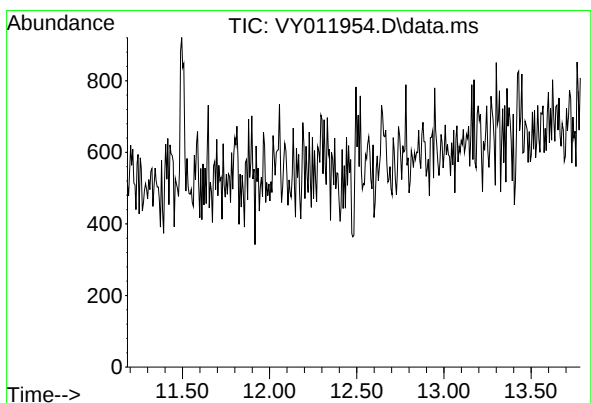
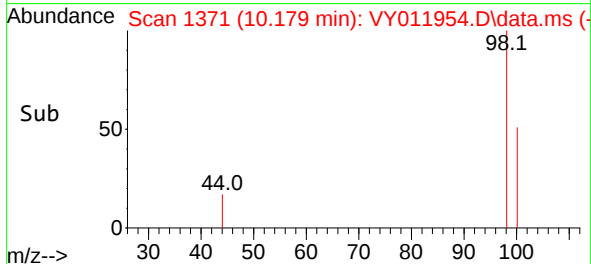
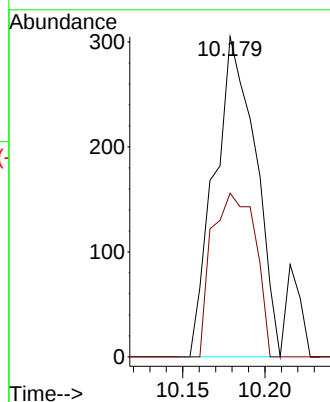
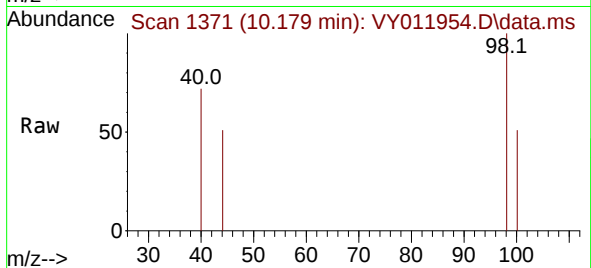
FS-01-(0-2)

Tgt Ion: 98 Resp: 530

Ion Ratio Lower Upper

98 100

100 54.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.48 min

Lab File: VY011954.D

Acq: 21 Dec 2022 18:07

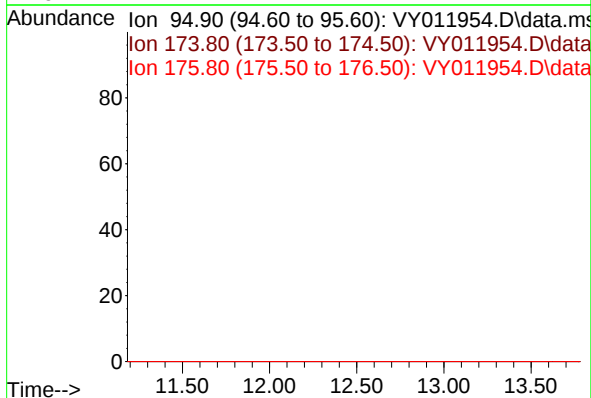
Tgt Ion: 95

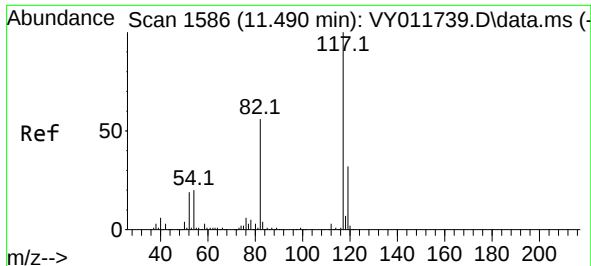
Sig Exp Ratio

95 100

174 86.0

176 83.8

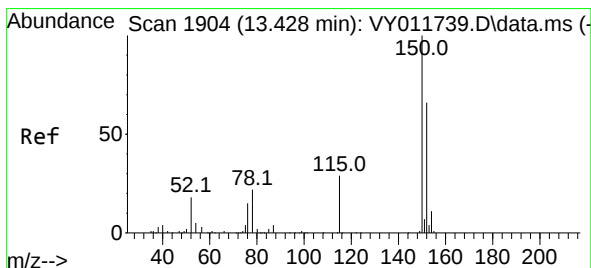
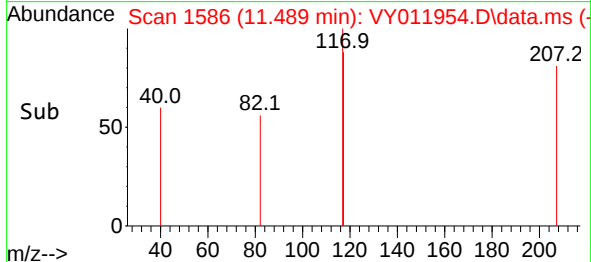
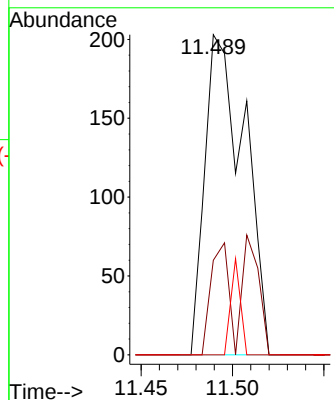
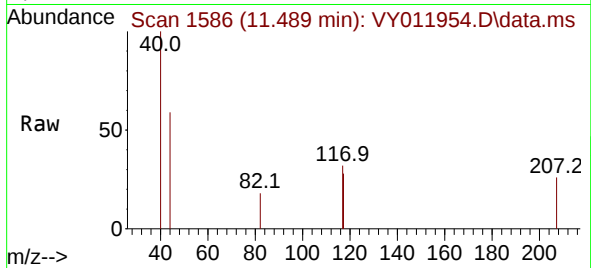




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011954.D
Acq: 21 Dec 2022 18:07

Instrument :
MSVOA_Y
ClientSampleId :
FS-01-(0-2)

Tgt Ion:117 Resp: 306
Ion Ratio Lower Upper
117 100
82 29.6 44.8 67.2#
119 0.0 25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011954.D
Acq: 21 Dec 2022 18:07

Tgt Ion:152 Resp: 72
Ion Ratio Lower Upper
152 100
115 0.0 29.1 87.3#
150 138.9 0.0 342.6

