

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011817.D
 Acq On : 14 Dec 2022 01:37
 Operator : KP/MD
 Sample : N6037-08
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(1-3)

Quant Time: Dec 14 05:37:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	270751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	452645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	377884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	96435	52.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.860%
35) Dibromofluoromethane	7.722	113	99849	49.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.179	98	280488	41.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.800%
62) 4-Bromofluorobenzene	12.483	95	97519	35.869	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.740%

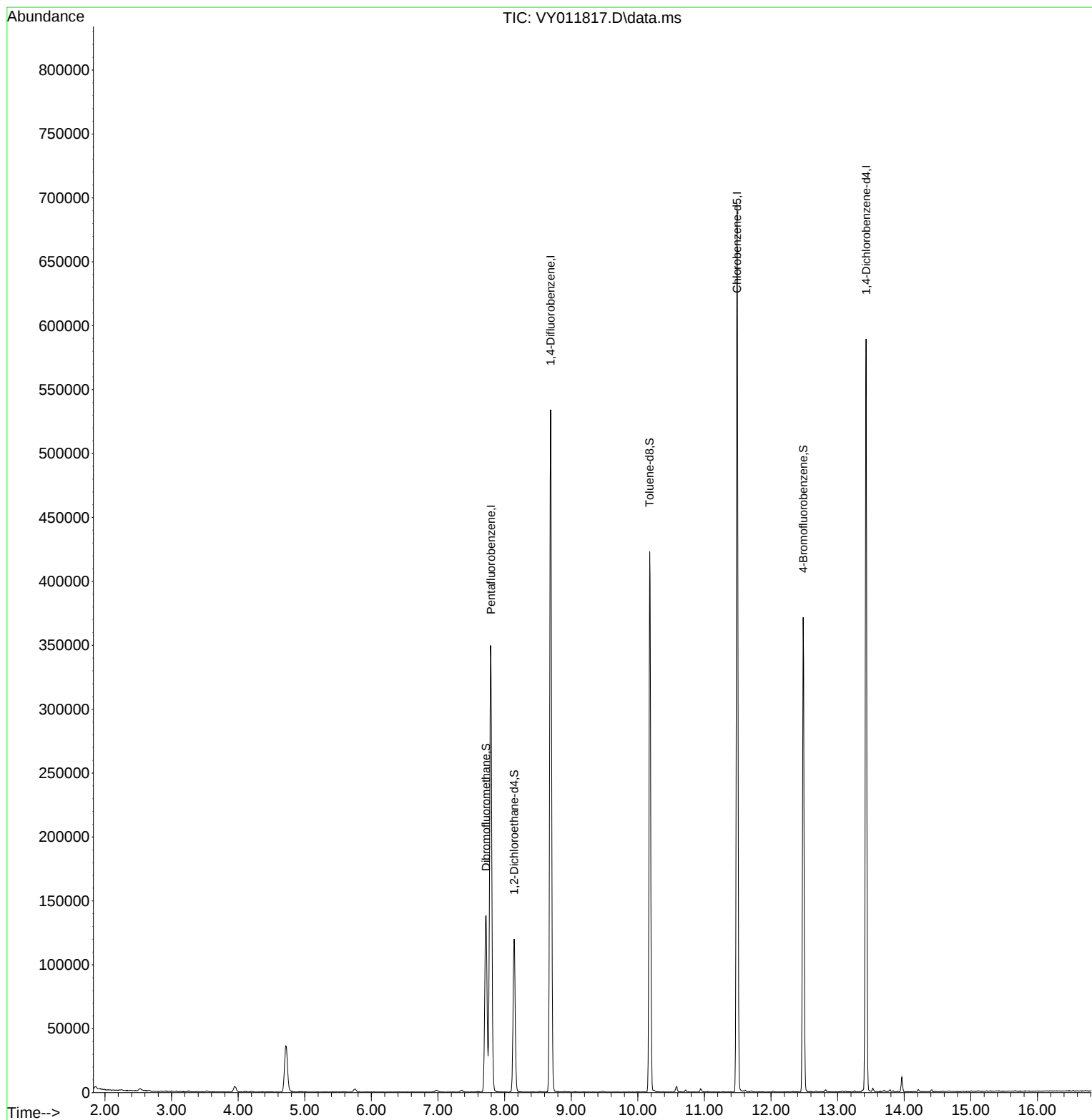
Target Compounds	Qvalue

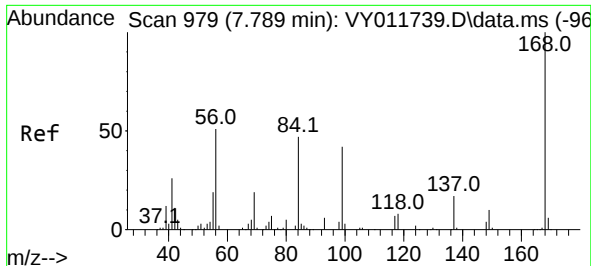
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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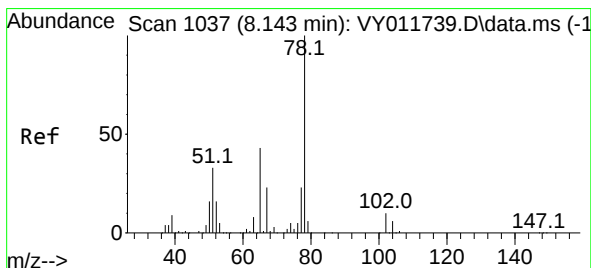
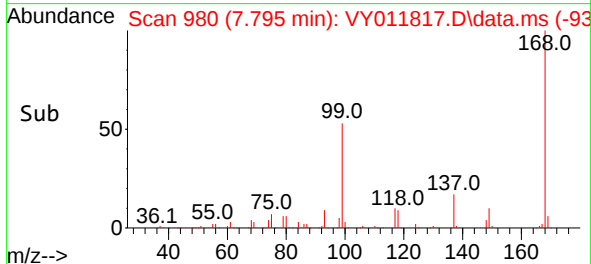
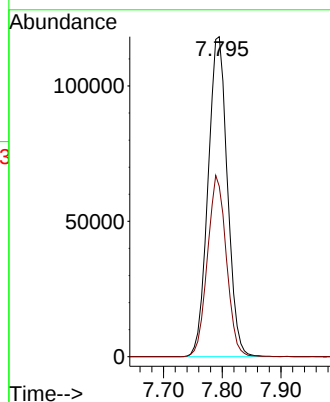
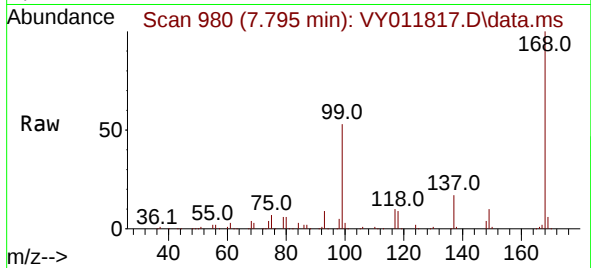




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011817.D
Acq: 14 Dec 2022 01:37

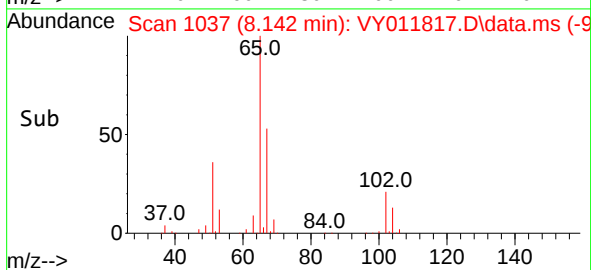
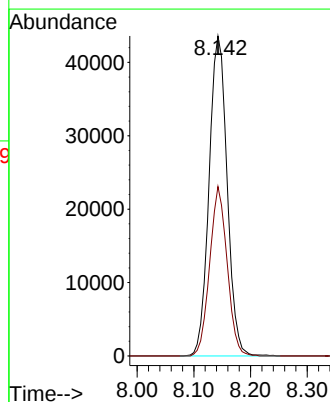
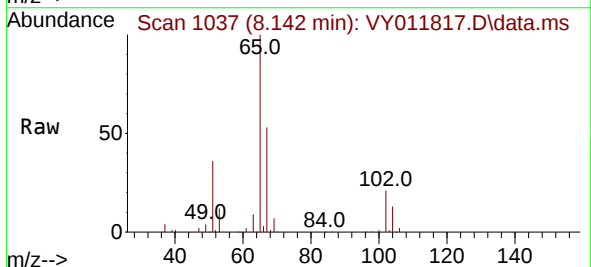
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(1-3)

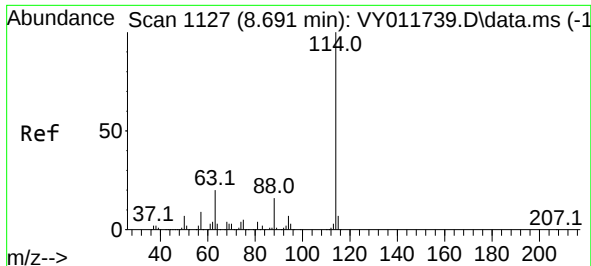
Tgt Ion:168 Resp: 270751
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.429 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011817.D
Acq: 14 Dec 2022 01:37

Tgt Ion: 65 Resp: 96435
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.2

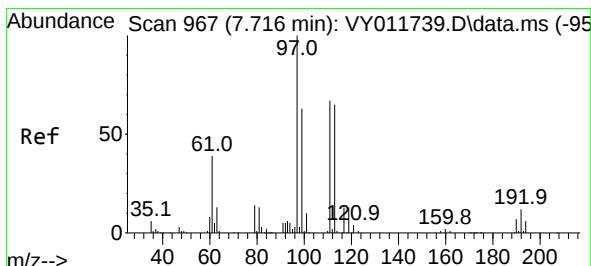
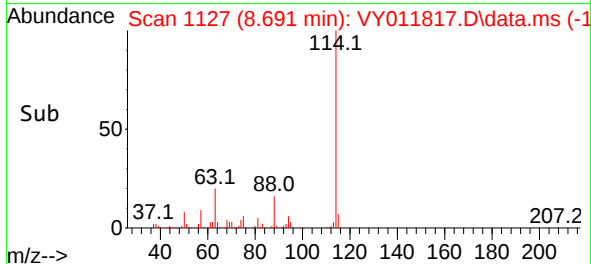
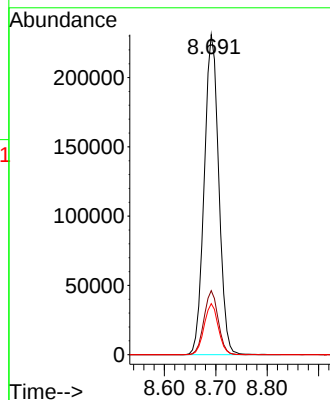
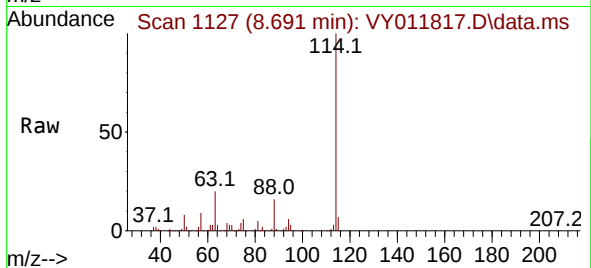




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011817.D
Acq: 14 Dec 2022 01:37

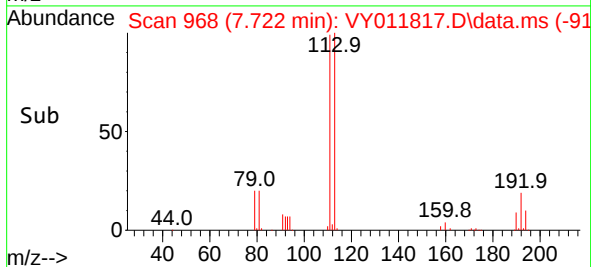
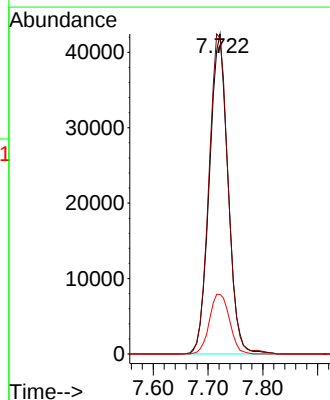
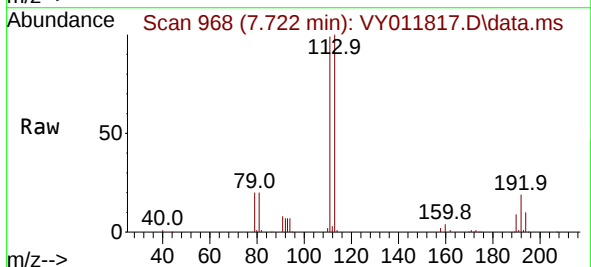
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(1-3)

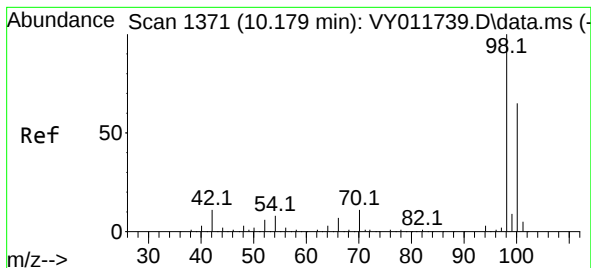
Tgt Ion:114 Resp: 452645
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.620 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY011817.D
Acq: 14 Dec 2022 01:37

Tgt Ion:113 Resp: 99849
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.1 16.0 24.0





#50

Toluene-d8

Concen: 41.398 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011817.D

Acq: 14 Dec 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

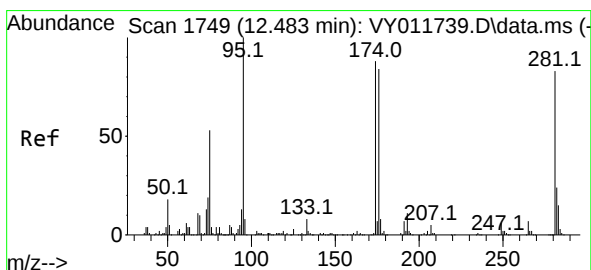
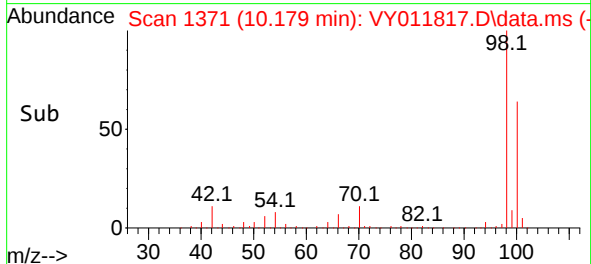
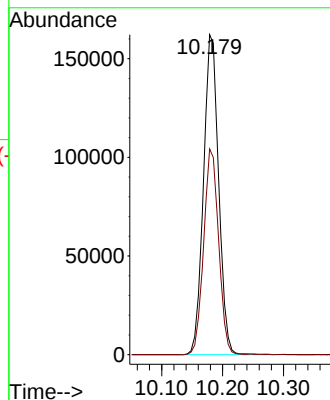
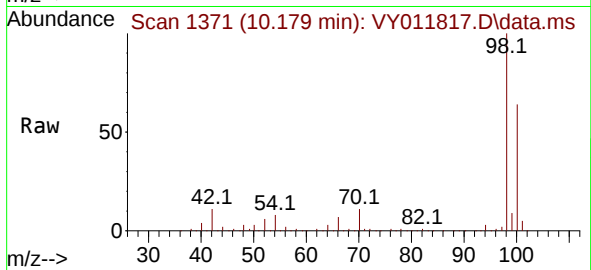
RB-22-(1-3)

Tgt Ion: 98 Resp: 280488

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.869 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011817.D

Acq: 14 Dec 2022 01:37

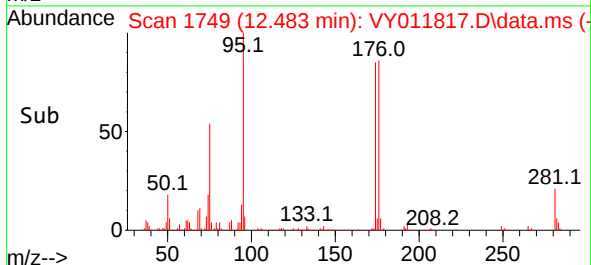
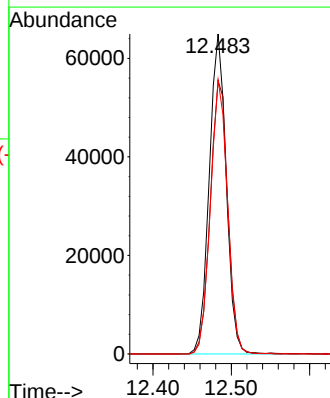
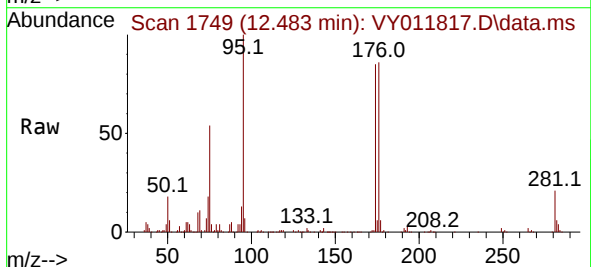
Tgt Ion: 95 Resp: 97519

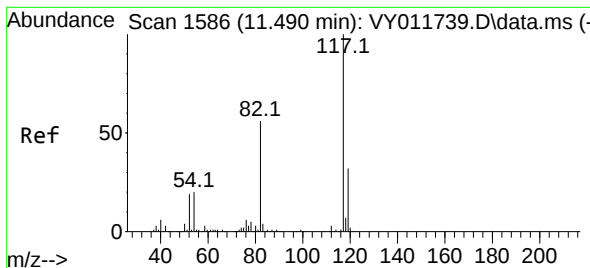
Ion Ratio Lower Upper

95 100

174 88.2 0.0 172.0

176 86.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011817.D

Acq: 14 Dec 2022 01:37

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(1-3)

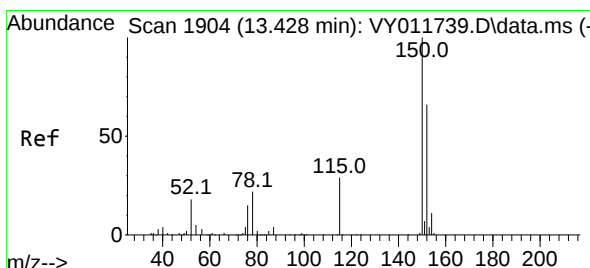
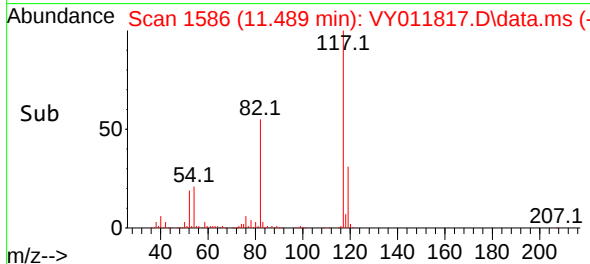
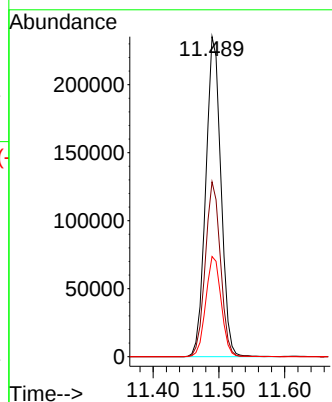
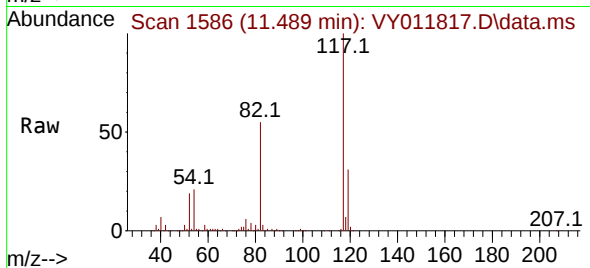
Tgt Ion:117 Resp: 377884

Ion Ratio Lower Upper

117 100

82 54.7 44.8 67.2

119 31.3 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: VY011817.D

Acq: 14 Dec 2022 01:37

Tgt Ion:152 Resp: 151536

Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.3

150 156.0 0.0 342.6

