

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017845.D
 Acq On : 04 Apr 2024 11:37
 Operator : SY/MD
 Sample : P1955-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20103RE

Quant Time: Apr 05 00:44:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	112828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	200342	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	173399	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	58670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57270	58.658	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.734	113	62504	53.991	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.980%
50) Toluene-d8	10.197	98	237915	55.017	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.040%
62) 4-Bromofluorobenzene	12.495	95	60054	45.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.280%

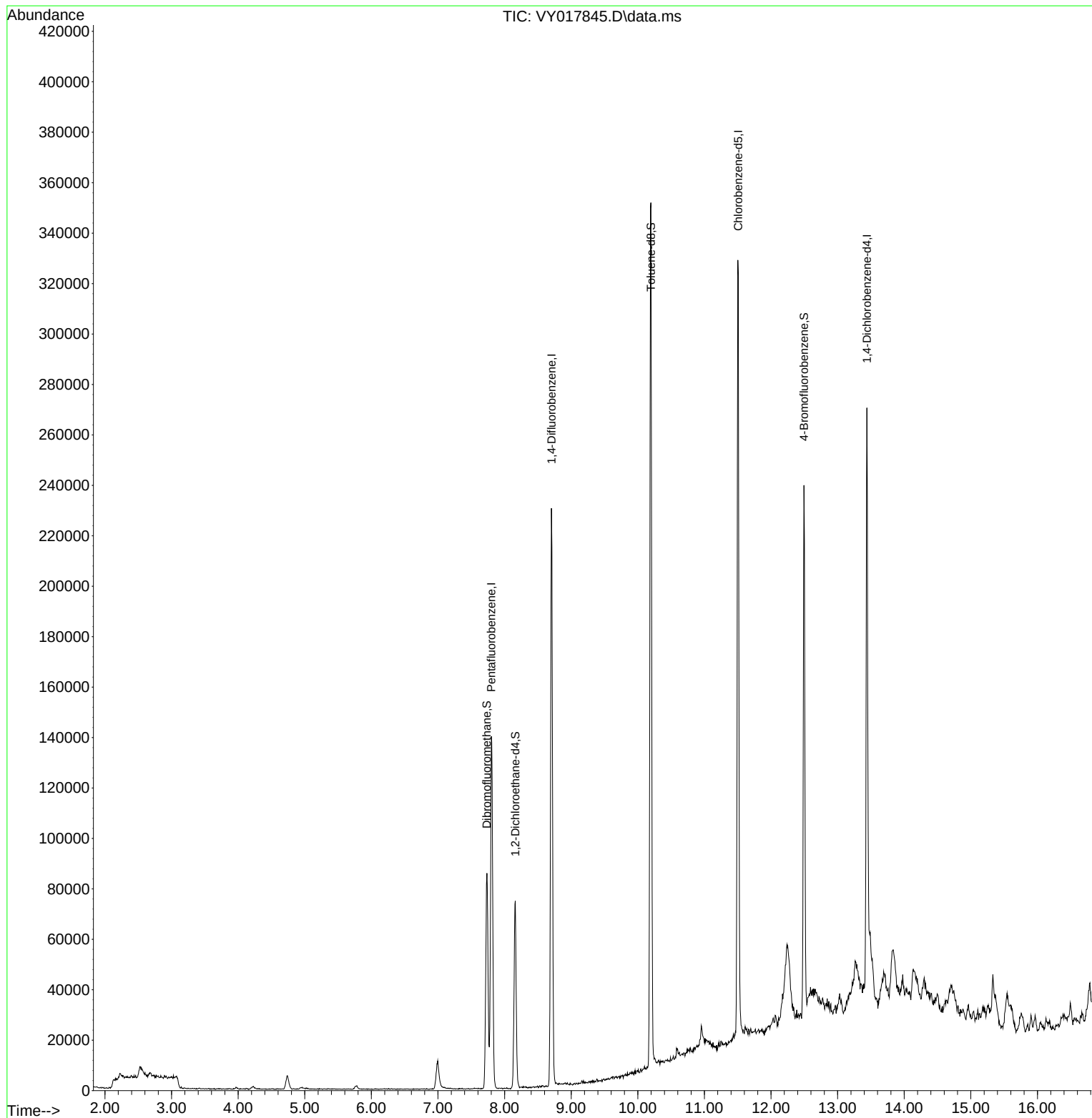
Target Compounds	Qvalue

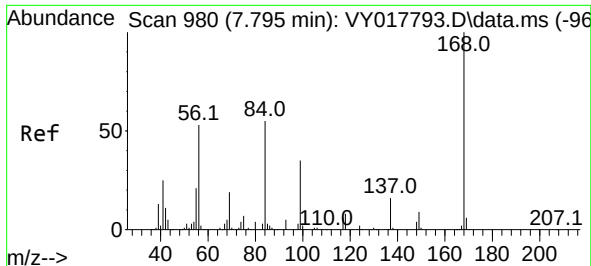
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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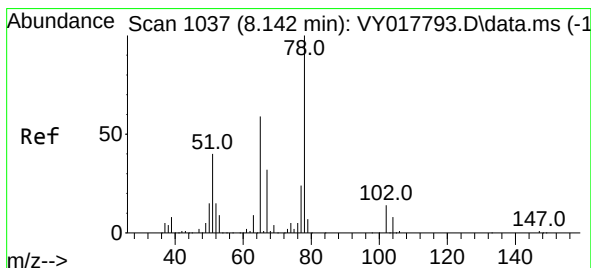
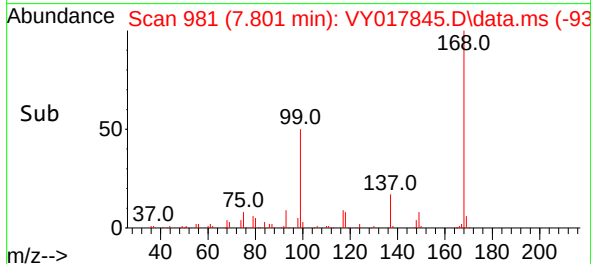
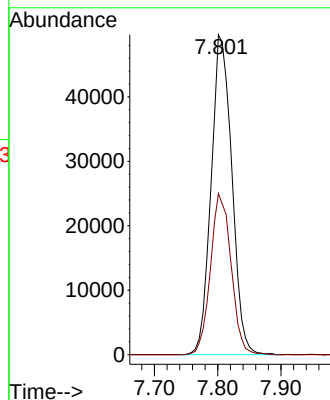
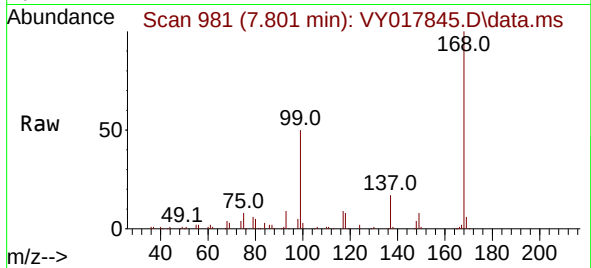




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

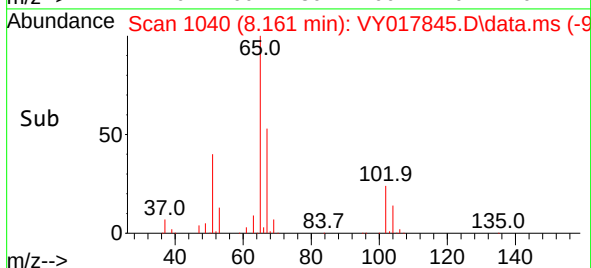
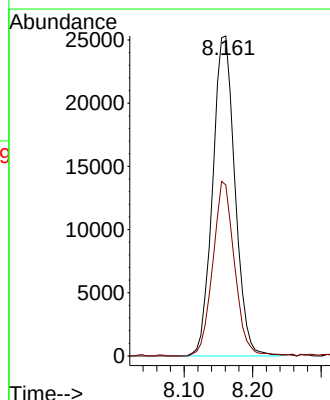
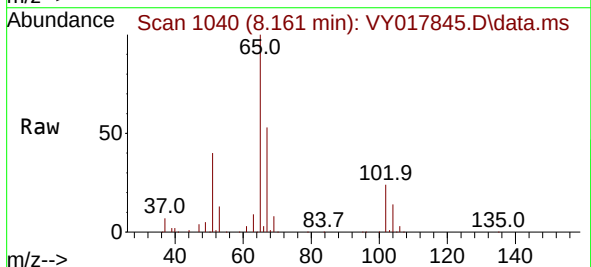
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103RE

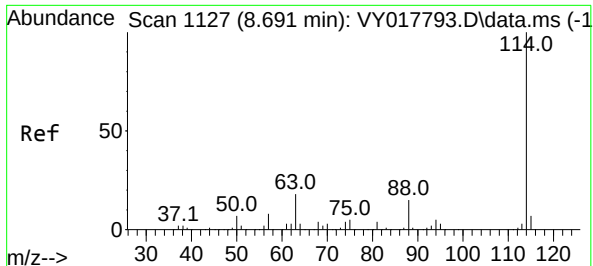
Tgt Ion:168 Resp: 112828
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.658 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

Tgt Ion: 65 Resp: 57270
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20103RE

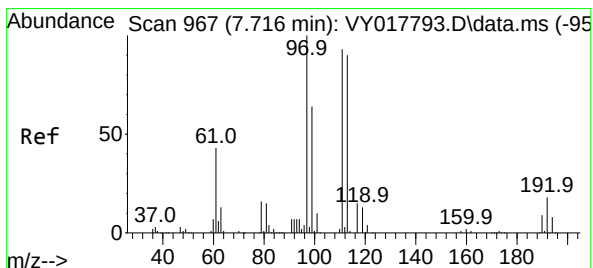
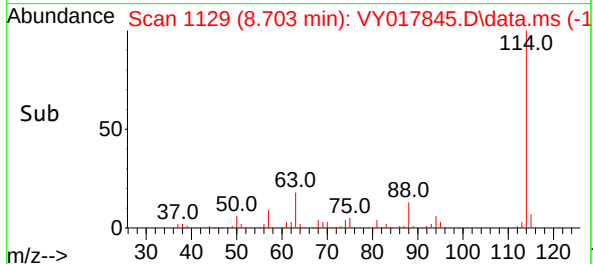
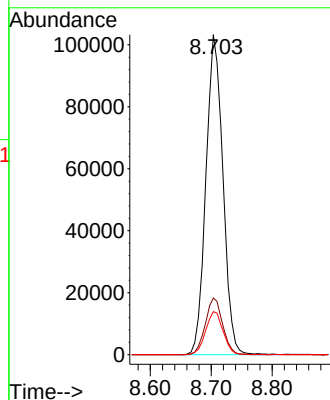
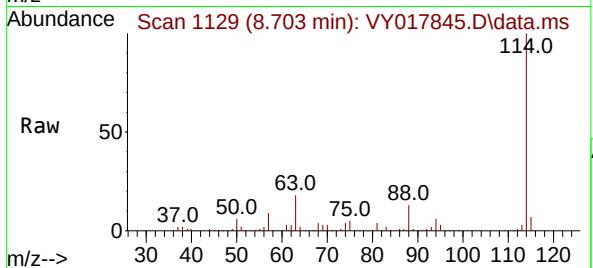
Tgt Ion:114 Resp: 200342

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.991 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

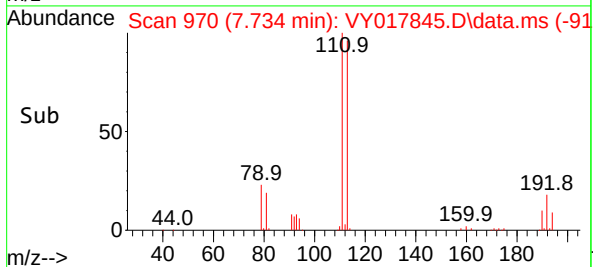
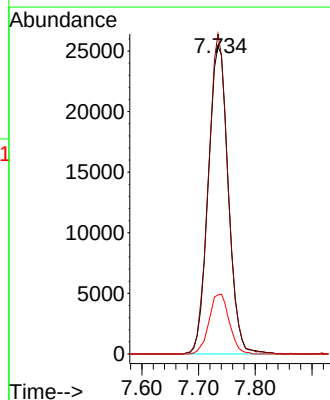
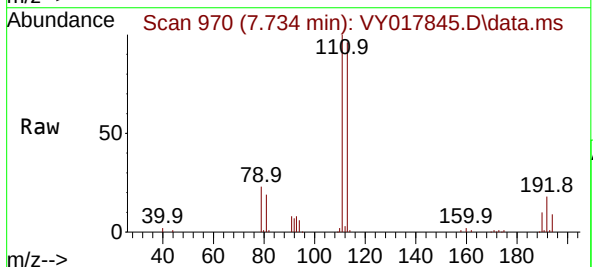
Tgt Ion:113 Resp: 62504

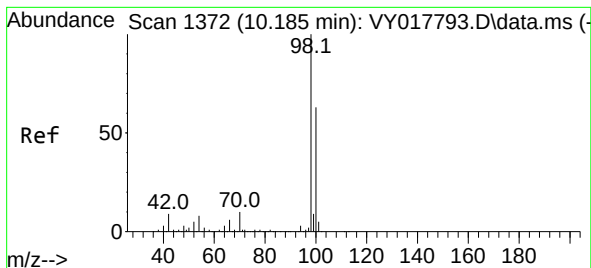
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 55.017 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

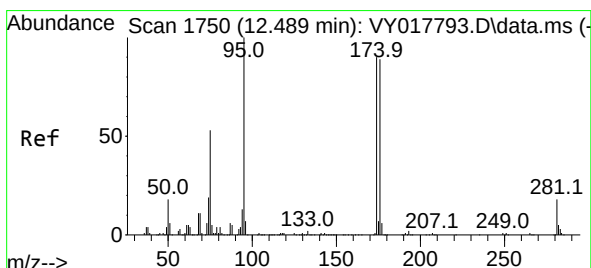
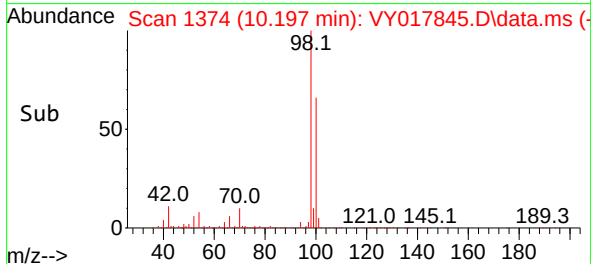
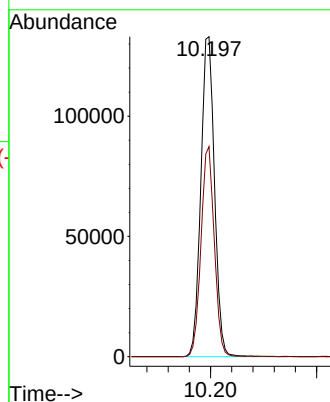
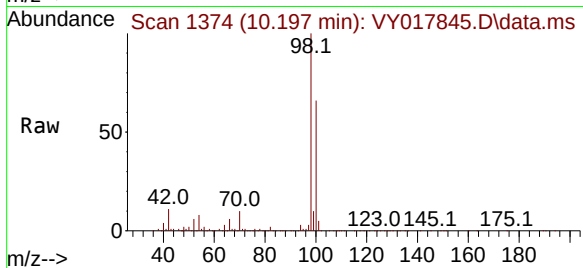
CHRT-20103RE

Tgt Ion: 98 Resp: 237915

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.645 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

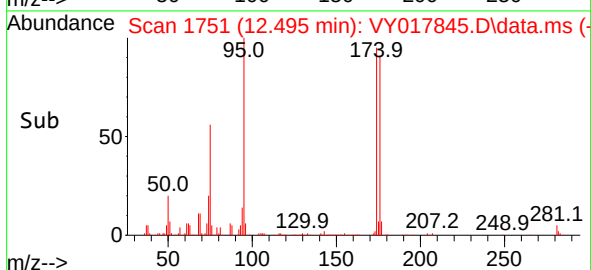
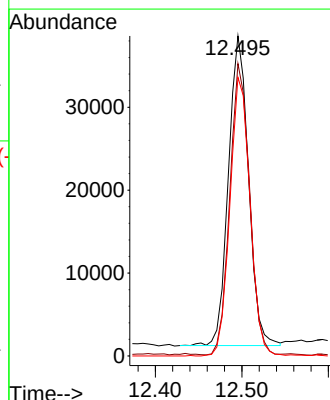
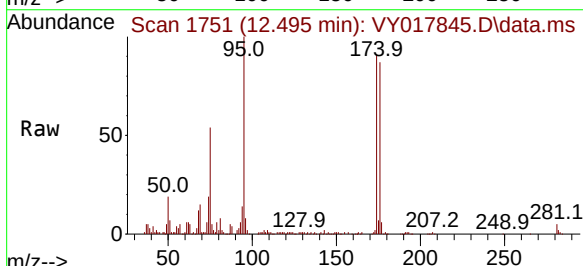
Tgt Ion: 95 Resp: 60054

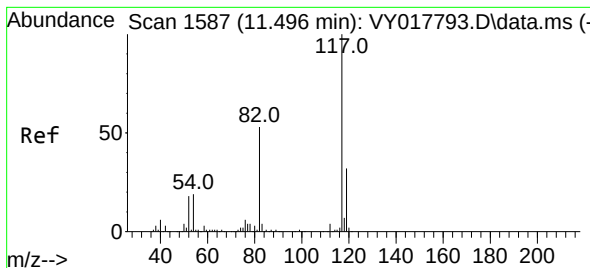
Ion Ratio Lower Upper

95 100

174 92.8 0.0 175.6

176 90.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20103RE

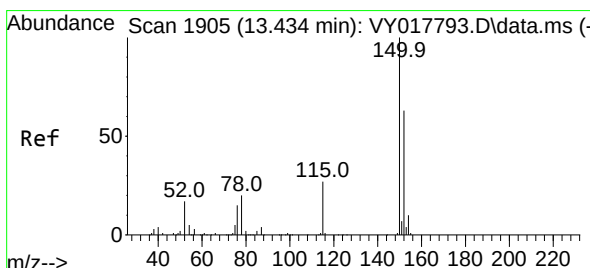
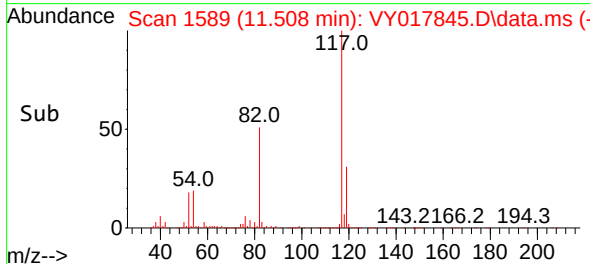
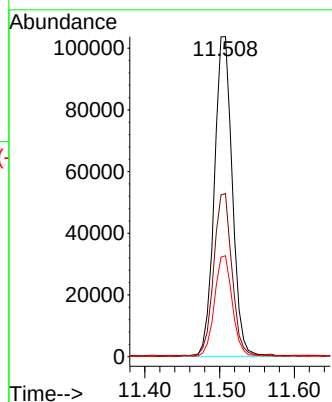
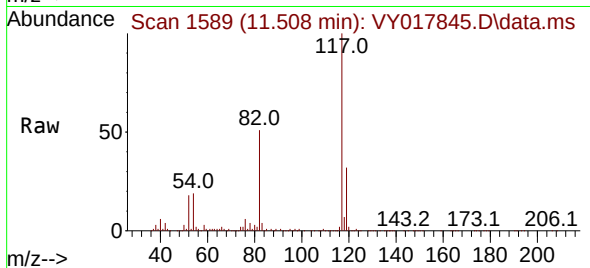
Tgt Ion:117 Resp: 173399

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Tgt Ion:152 Resp: 58670

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.5 0.0 345.6

