

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017914.D
 Acq On : 11 Apr 2024 16:25
 Operator : SY/MD
 Sample : P2067-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346RE

Quant Time: Apr 12 05:02:48 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	7.789	168	61356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	100426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34954	65.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.660%
35) Dibromofluoromethane	7.716	113	37336	60.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.860%
50) Toluene-d8	10.185	98	129433	56.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.483	95	36463	51.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.860%

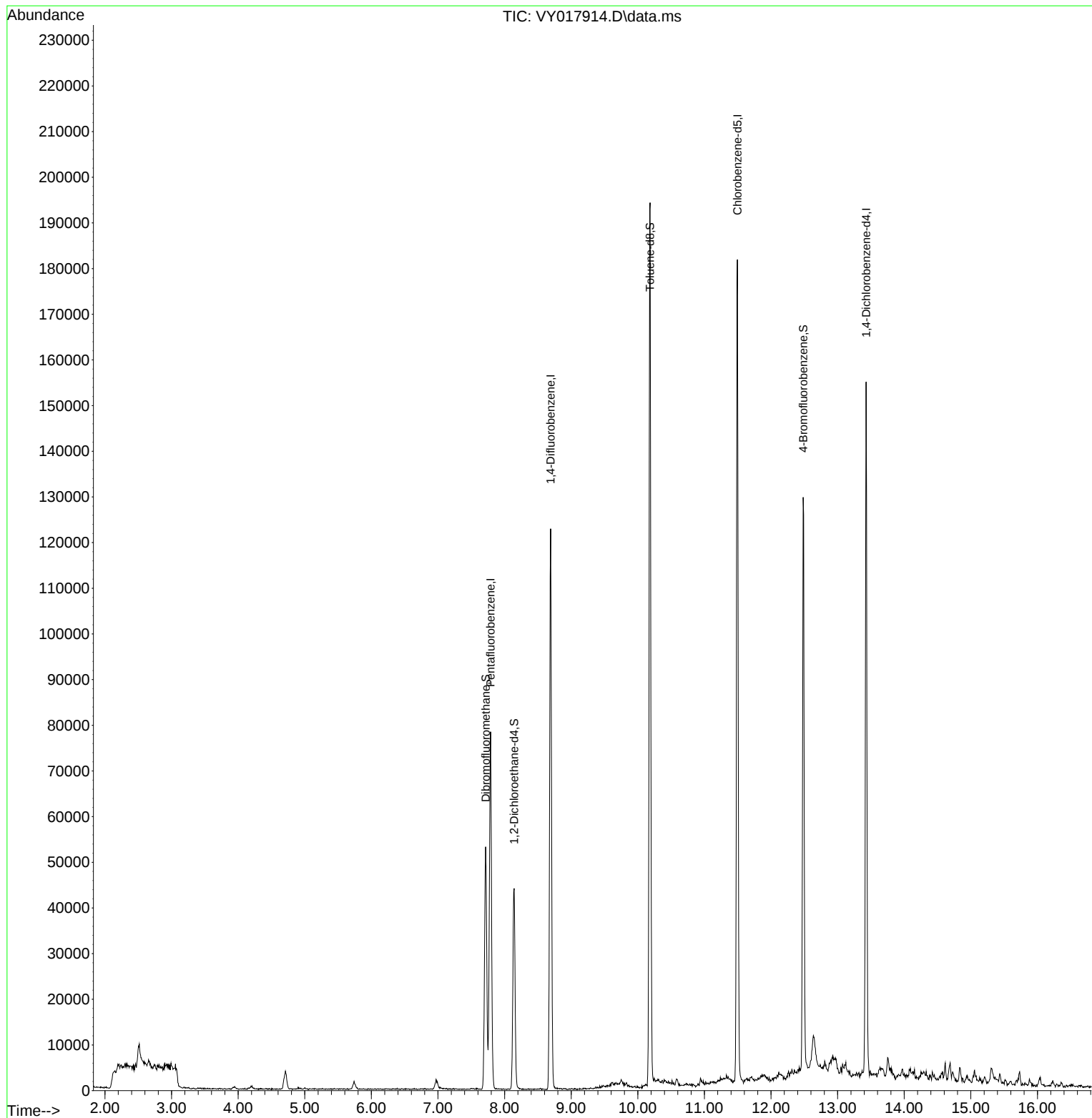
Target Compounds	Qvalue

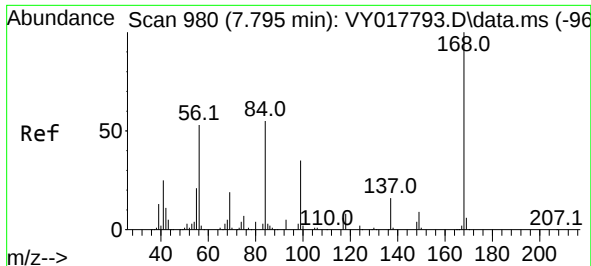
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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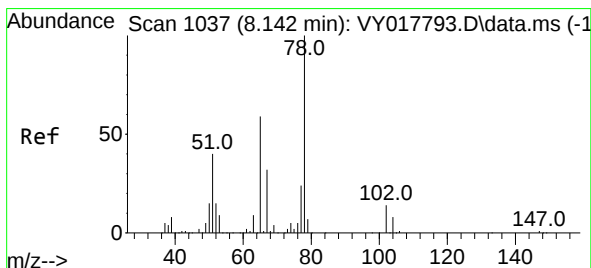
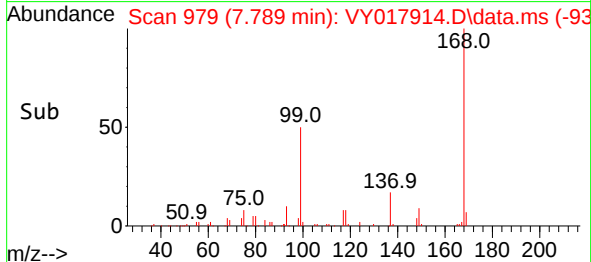
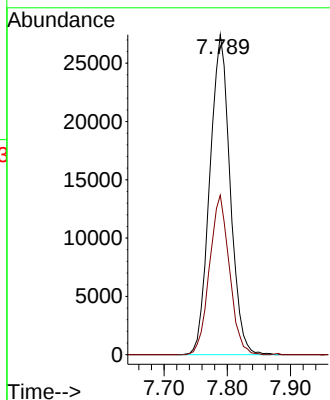
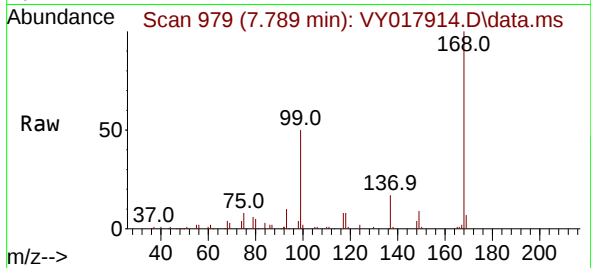




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

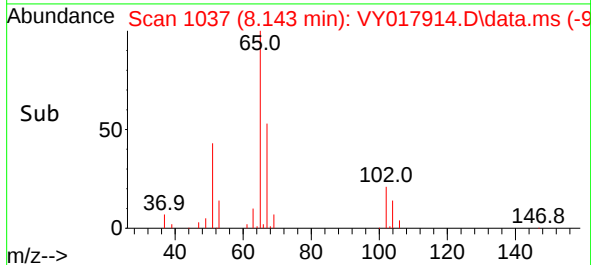
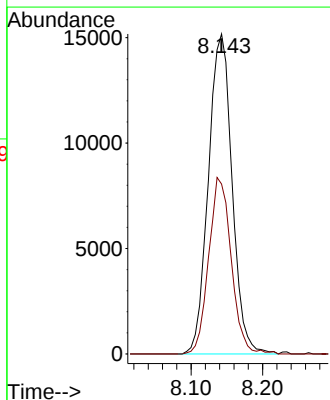
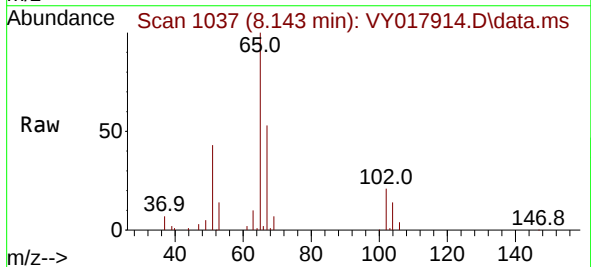
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346RE

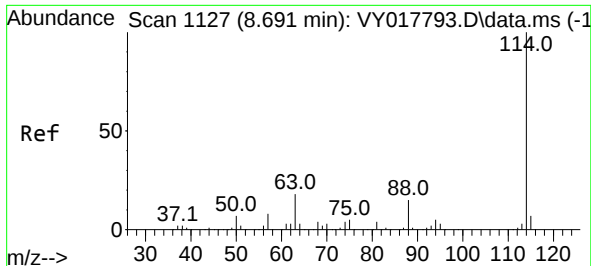
Tgt Ion:168 Resp: 61356
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 65.835 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Tgt Ion: 65 Resp: 34954
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346RE

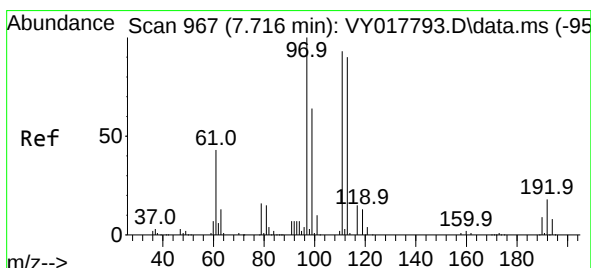
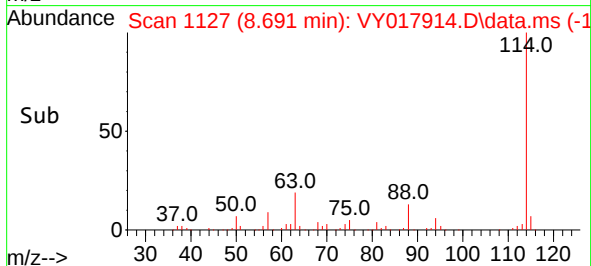
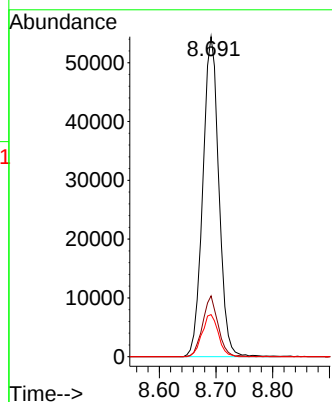
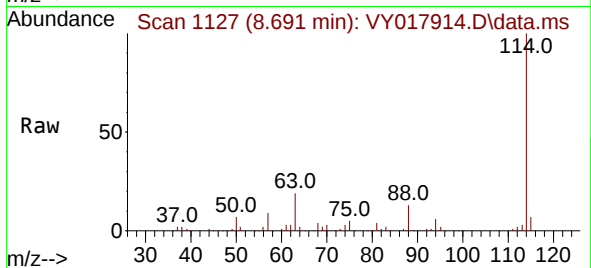
Tgt Ion:114 Resp: 106914

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.434 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

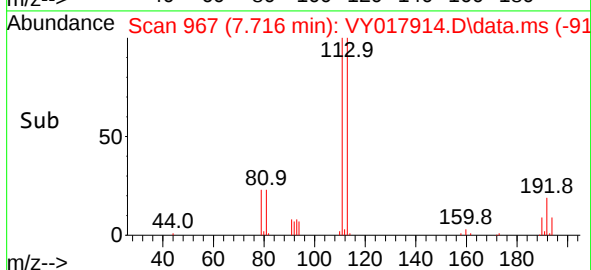
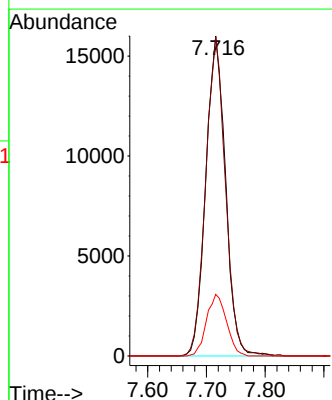
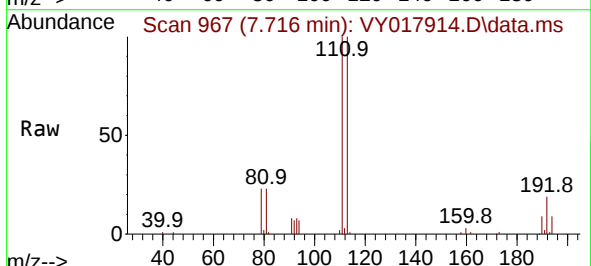
Tgt Ion:113 Resp: 37336

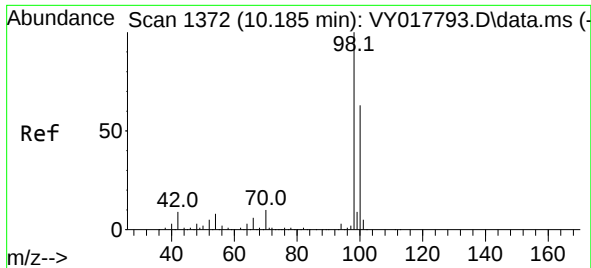
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.4

192 19.5 15.9 23.9

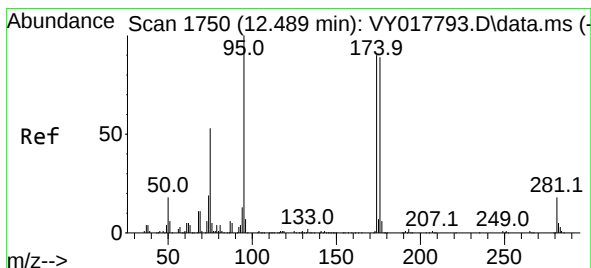
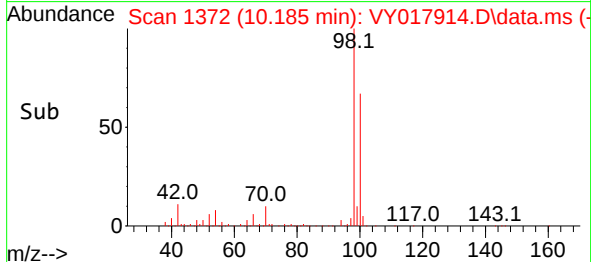
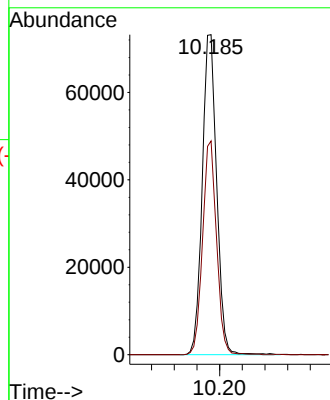
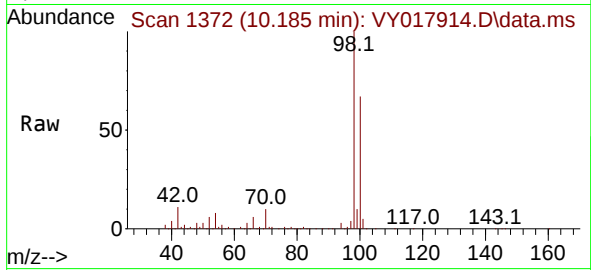




#50
Toluene-d8
Concen: 56.086 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

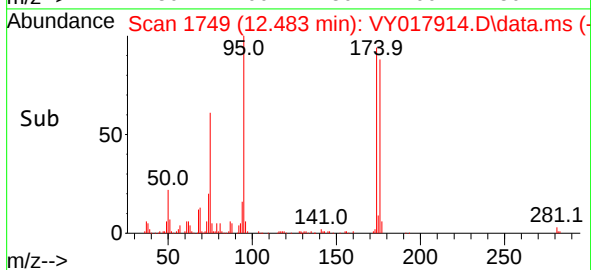
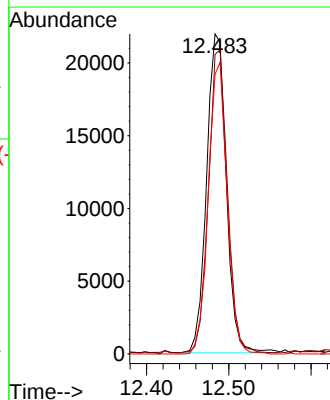
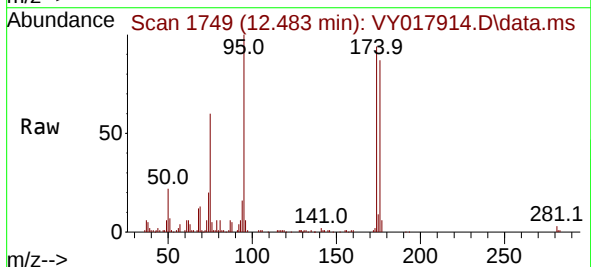
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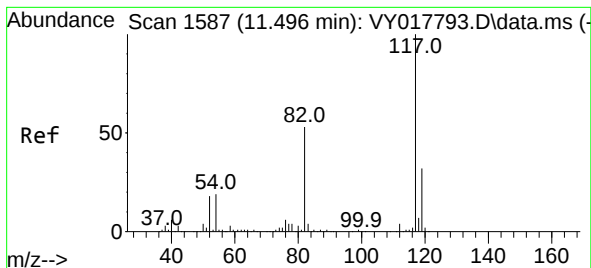
Tgt Ion: 98 Resp: 129433
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Tgt Ion: 95 Resp: 36463
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 87.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346RE

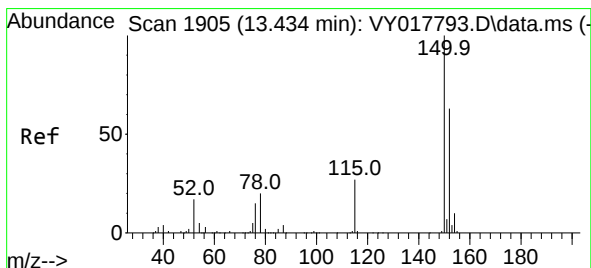
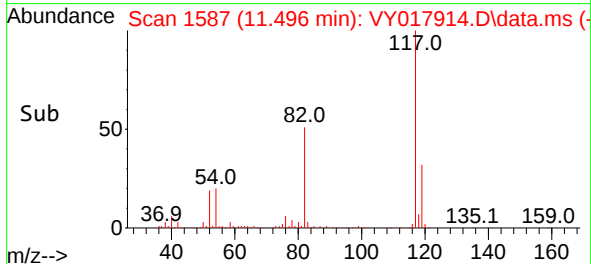
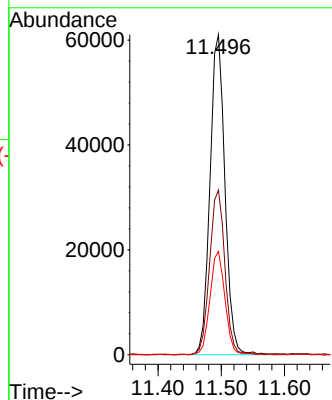
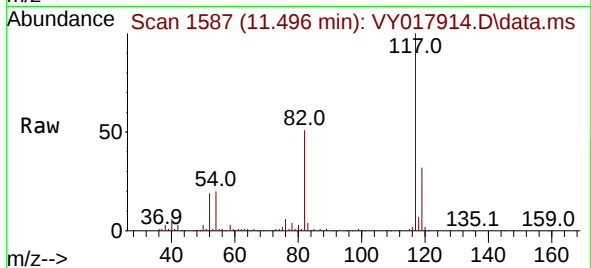
Tgt Ion:117 Resp: 100426

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

Tgt Ion:152 Resp: 38448

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 157.4 0.0 345.6

