

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017147.D
 Acq On : 30 Jan 2024 16:36
 Operator : SY/MD
 Sample : P1285-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SECOND-AVE-TP-1

Quant Time: Jan 31 00:29:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	78157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	166747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	38376	50.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.728	113	41247	40.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.980%
50) Toluene-d8	10.191	98	151243	39.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.580%
62) 4-Bromofluorobenzene	12.489	95	54299	46.371	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.740%

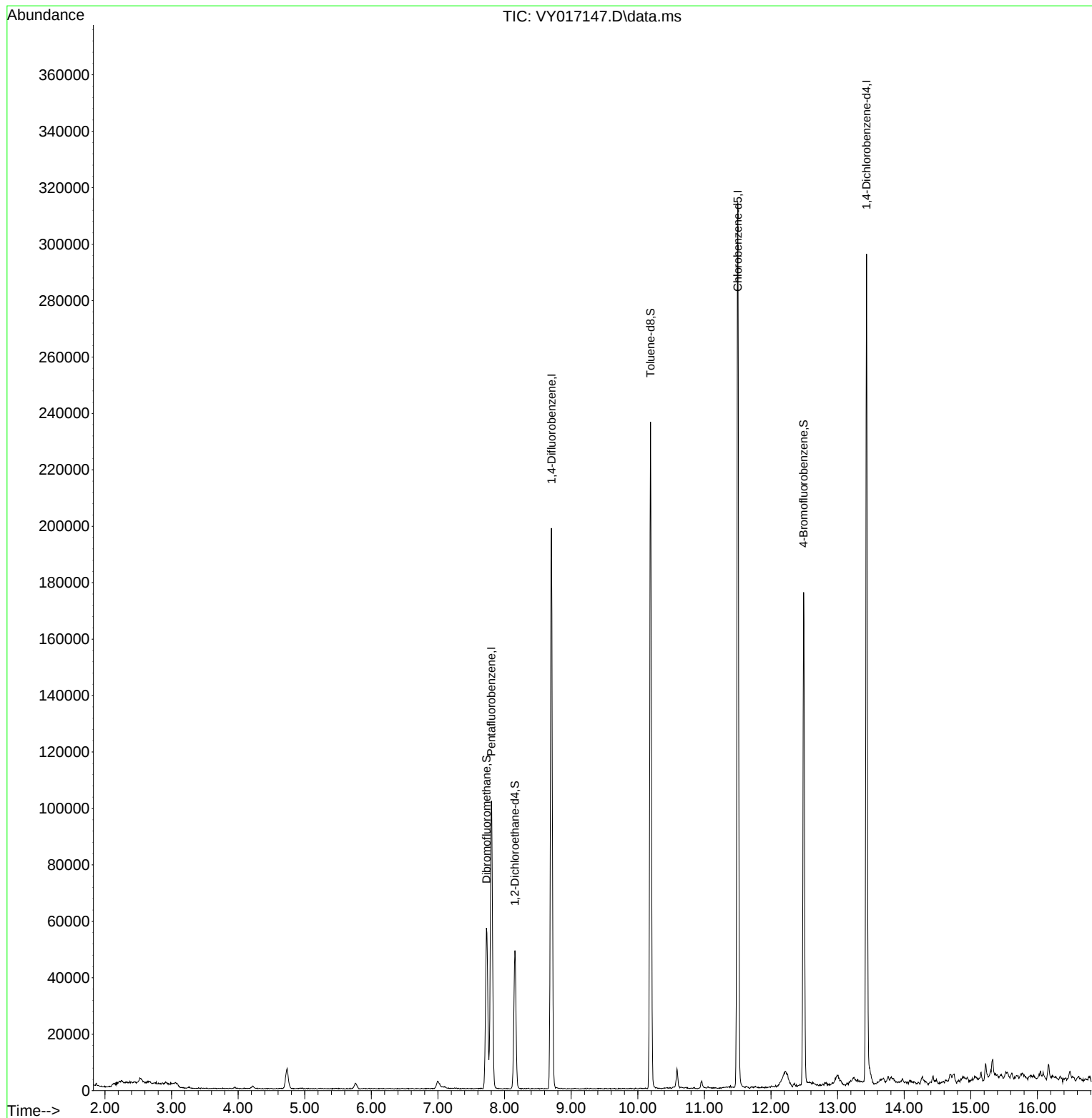
Target Compounds Qvalue

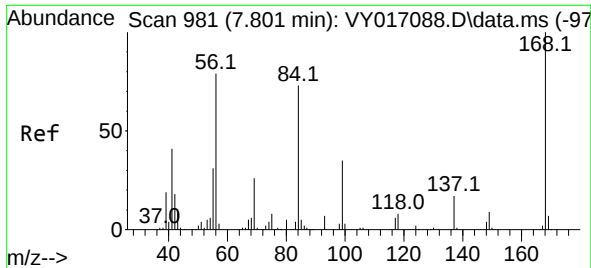
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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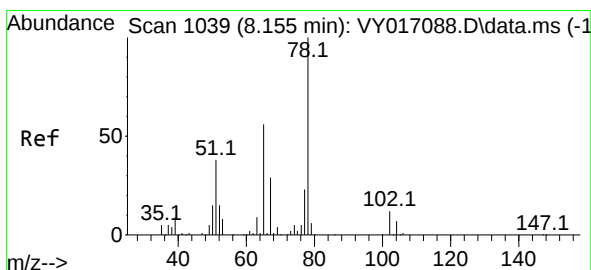
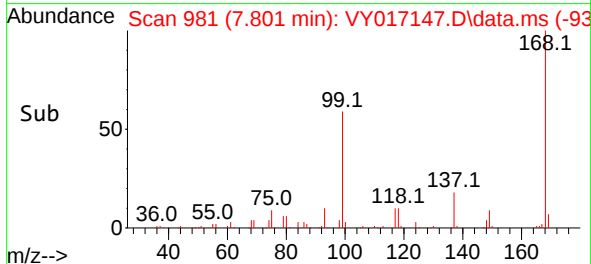
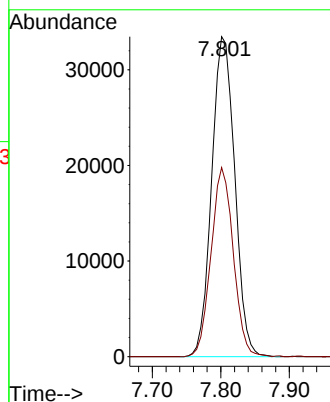
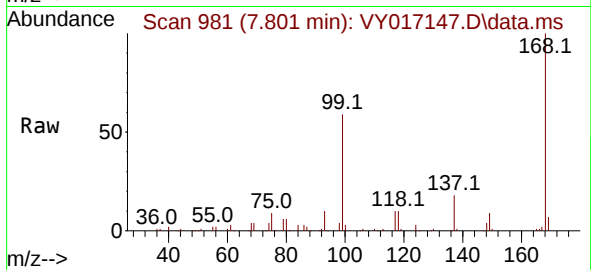




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017147.D
Acq: 30 Jan 2024 16:36

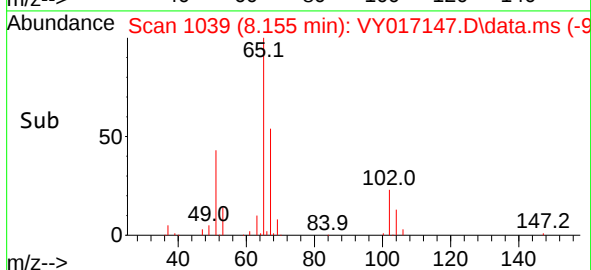
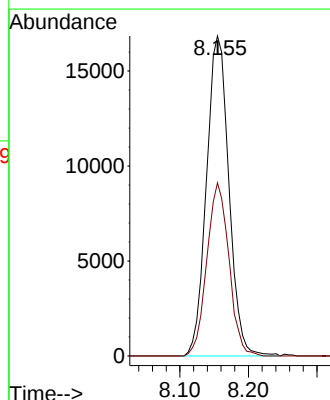
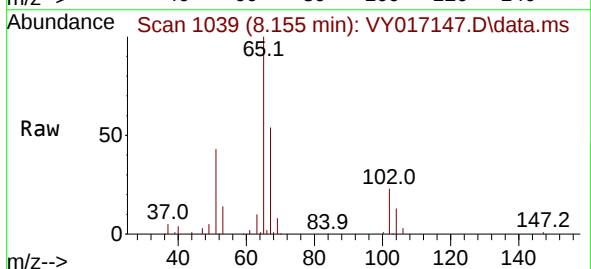
Instrument :
MSVOA_Y
ClientSampleId :
SECOND-AVE-TP-1

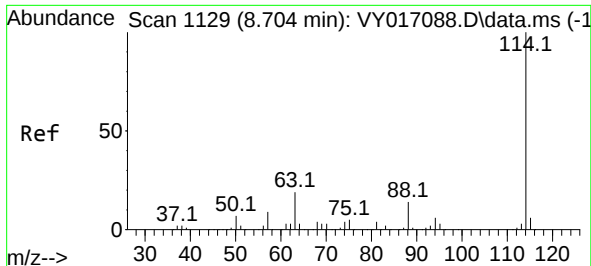
Tgt Ion:168 Resp: 78157
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.396 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017147.D
Acq: 30 Jan 2024 16:36

Tgt Ion: 65 Resp: 38376
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY017147.D

Acq: 30 Jan 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

SECOND-AVE-TP-1

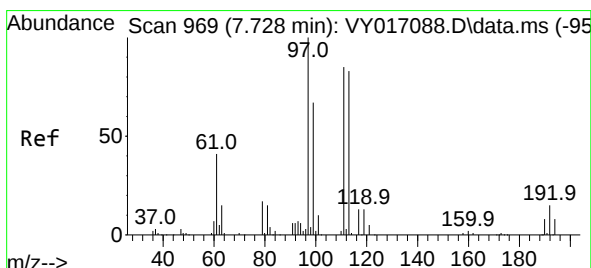
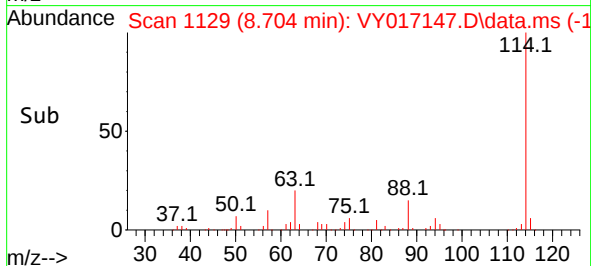
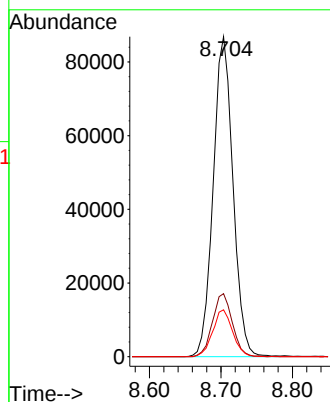
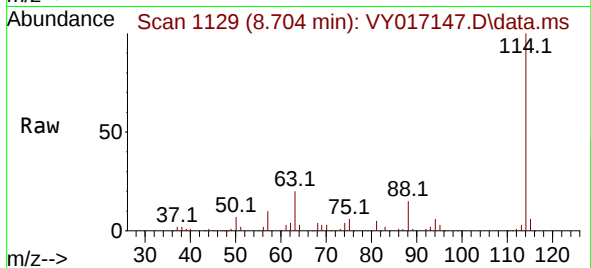
Tgt Ion:114 Resp: 166747

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.985 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017147.D

Acq: 30 Jan 2024 16:36

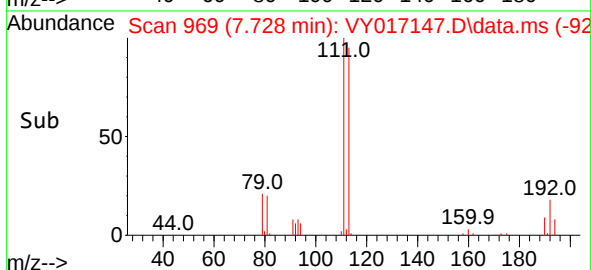
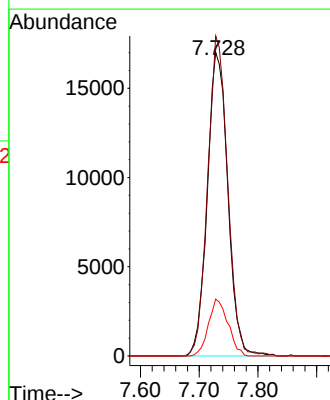
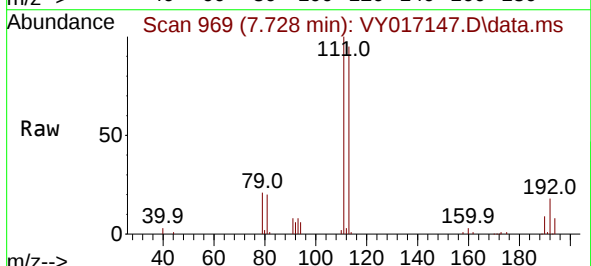
Tgt Ion:113 Resp: 41247

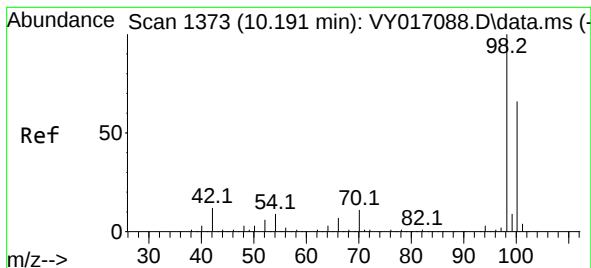
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 39.789 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017147.D

Acq: 30 Jan 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

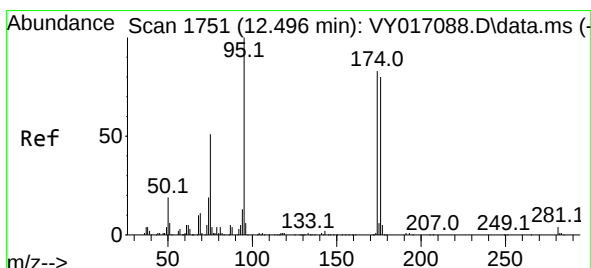
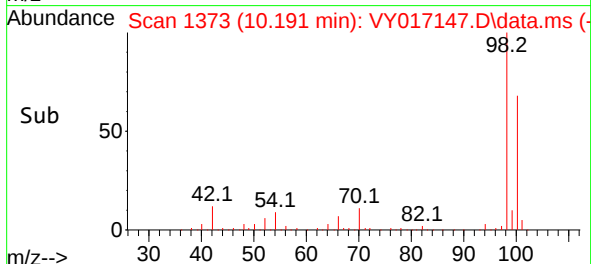
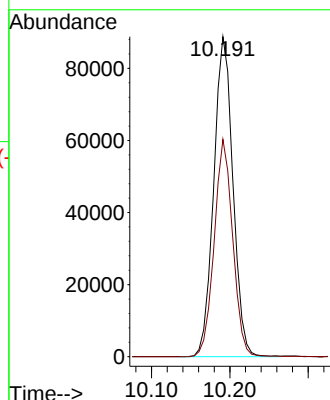
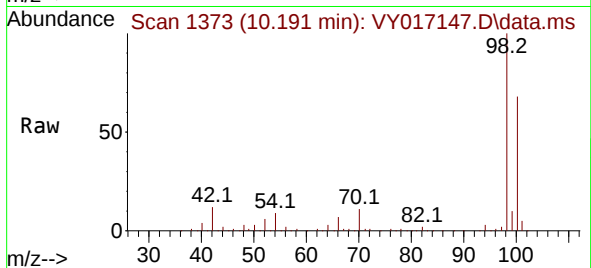
SECOND-AVE-TP-1

Tgt Ion: 98 Resp: 151243

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.371 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017147.D

Acq: 30 Jan 2024 16:36

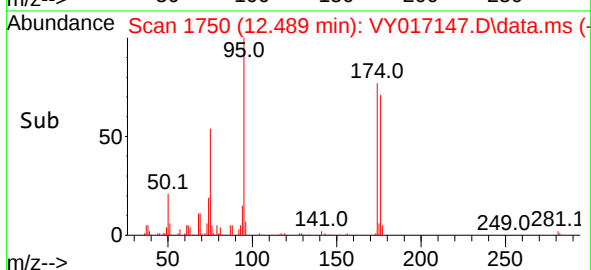
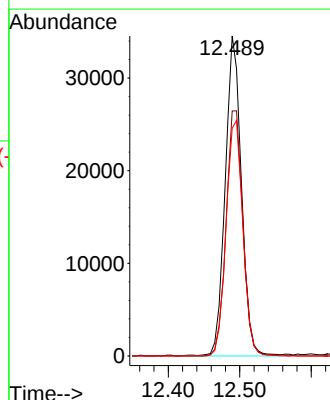
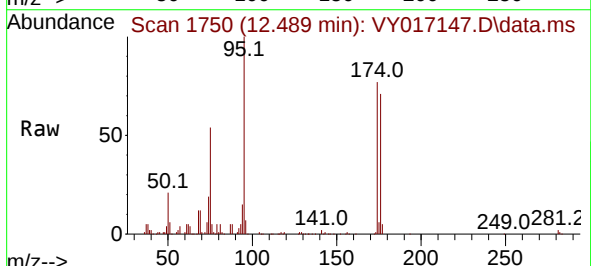
Tgt Ion: 95 Resp: 54299

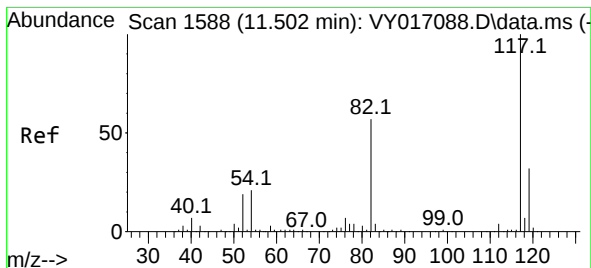
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 76.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017147.D

Acq: 30 Jan 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

SECOND-AVE-TP-1

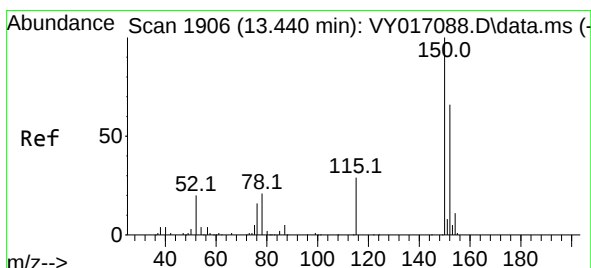
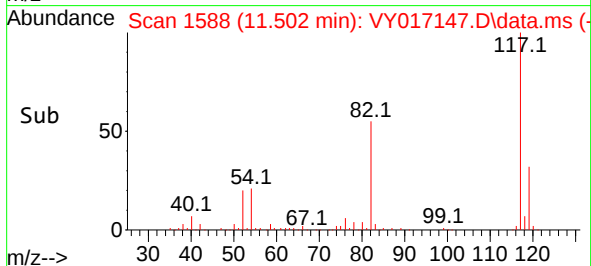
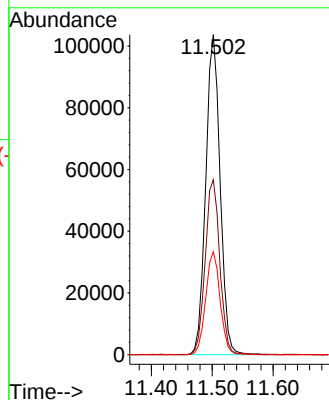
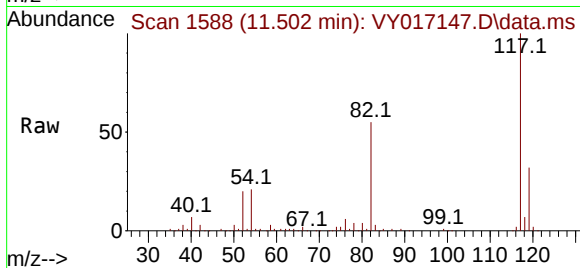
Tgt Ion:117 Resp: 170150

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017147.D

Acq: 30 Jan 2024 16:36

Tgt Ion:152 Resp: 69281

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 158.7 0.0 344.6

