

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017159.D
 Acq On : 31 Jan 2024 16:04
 Operator : SY/MD
 Sample : P1311-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jan 31 22:59:45 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)

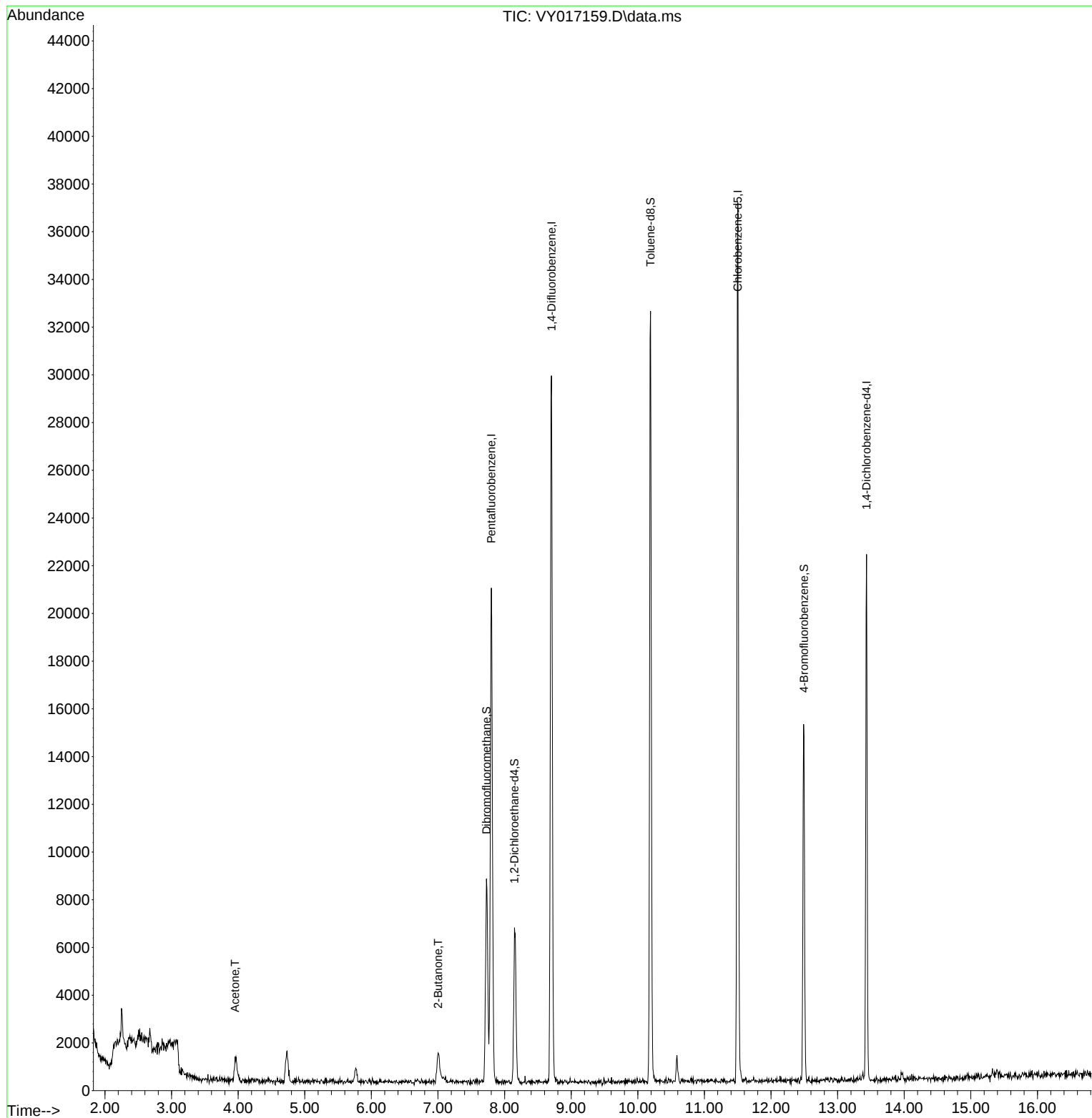
Internal Standards						
1) Pentafluorobenzene	7.801	168	15596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	26370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	20648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	5448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5266	34.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.320%
35) Dibromofluoromethane	7.728	113	6396	40.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.380%
50) Toluene-d8	10.191	98	22593	37.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.160%
62) 4-Bromofluorobenzene	12.495	95	4909	26.509	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.020%
Target Compounds						
16) Acetone	3.954	43	1968	22.255	ug/l #	78
25) 2-Butanone	7.002	43	1735	21.616	ug/l #	88

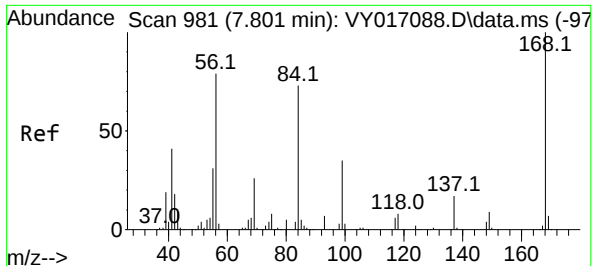
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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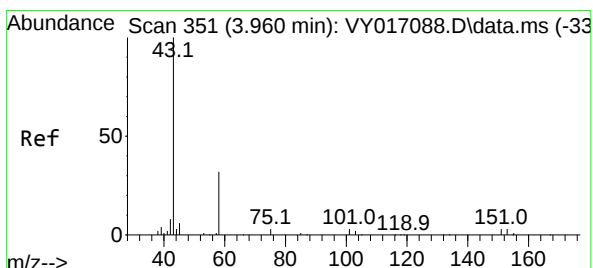
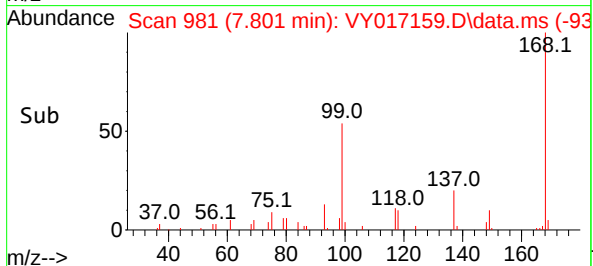
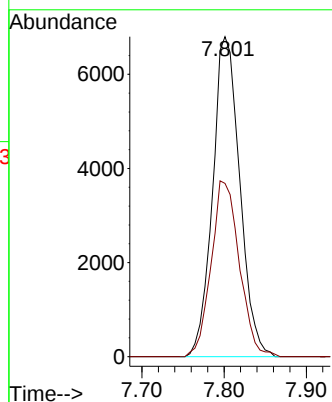
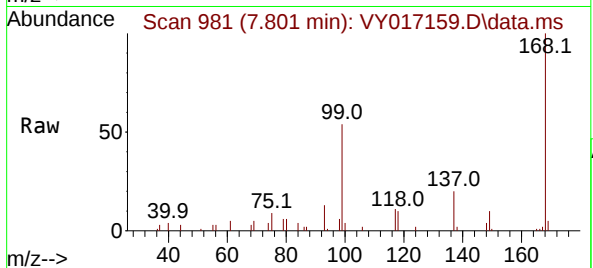




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

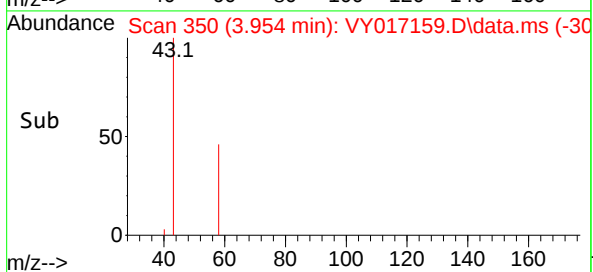
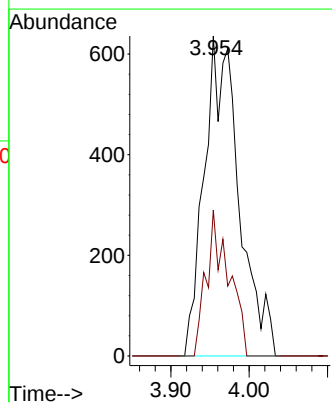
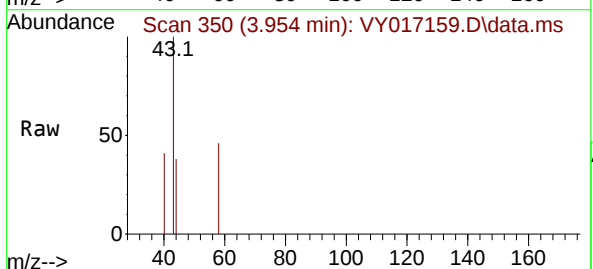
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

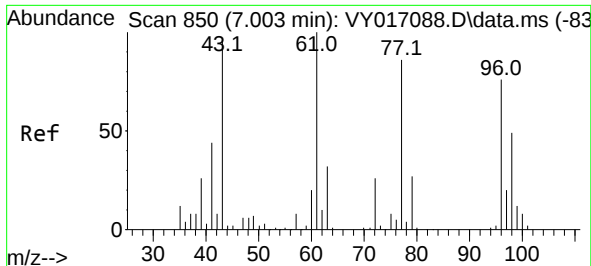
Tgt Ion:168 Resp: 15596
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#16
Acetone
Concen: 22.255 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017159.D
Acq: 31 Jan 2024 16:04

Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 45.6 26.6 39.8#





#25

2-Butanone

Concen: 21.616 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017159.D

Acq: 31 Jan 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

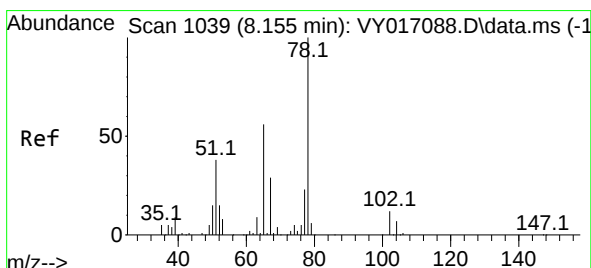
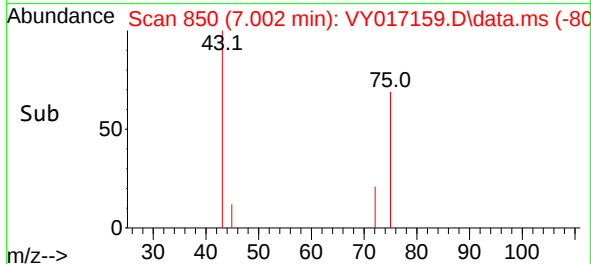
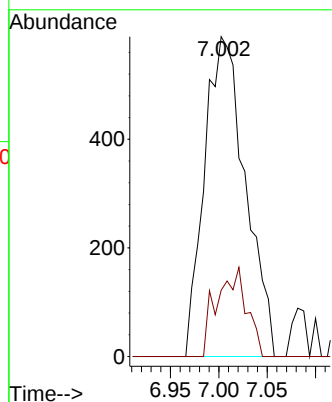
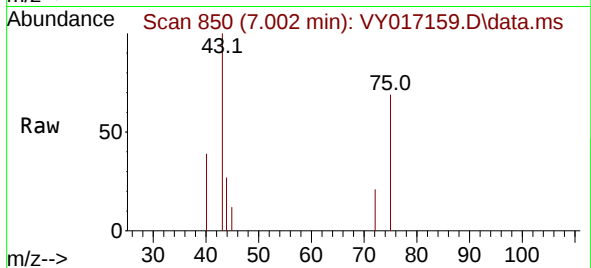
TP-3

Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

43 100

72 20.7 21.4 32.2#



#33

1,2-Dichloroethane-d4

Concen: 34.655 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY017159.D

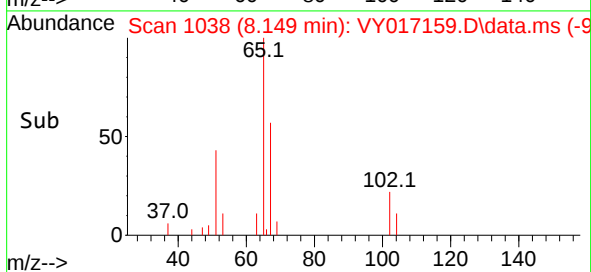
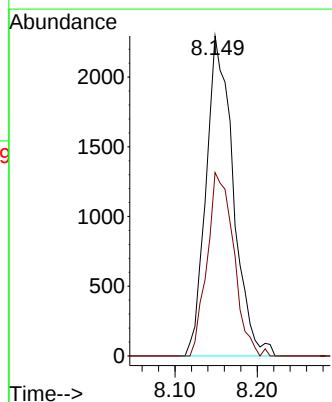
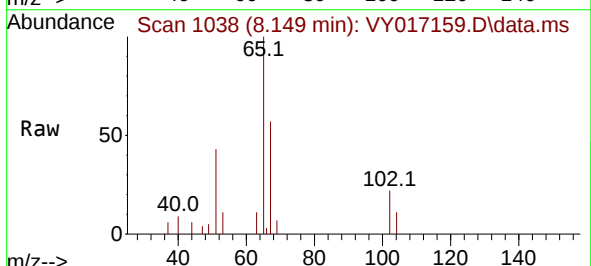
Acq: 31 Jan 2024 16:04

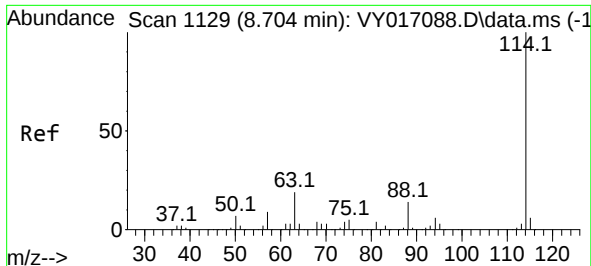
Tgt Ion: 65 Resp: 5266

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017159.D

Acq: 31 Jan 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

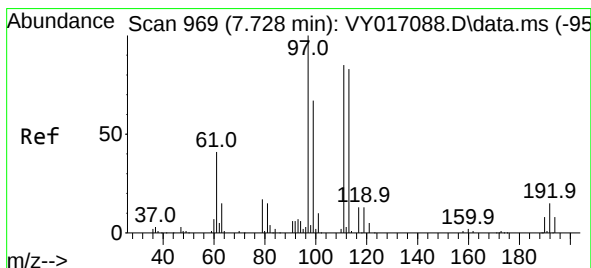
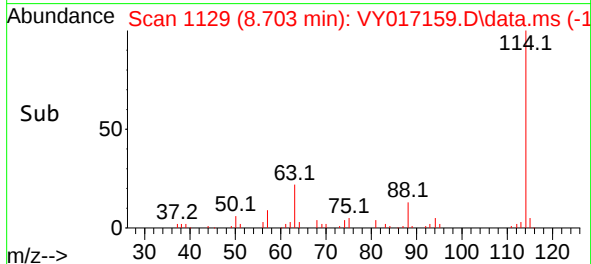
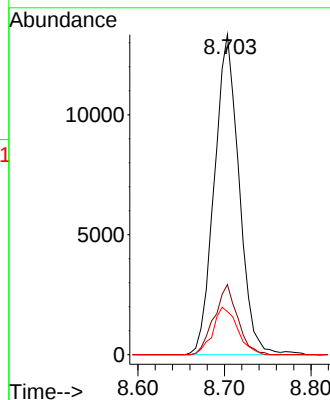
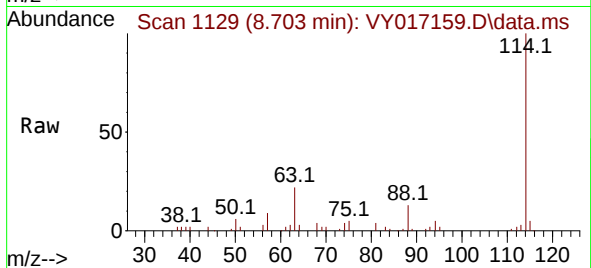
Tgt Ion:114 Resp: 26370

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

88 13.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.187 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY017159.D

Acq: 31 Jan 2024 16:04

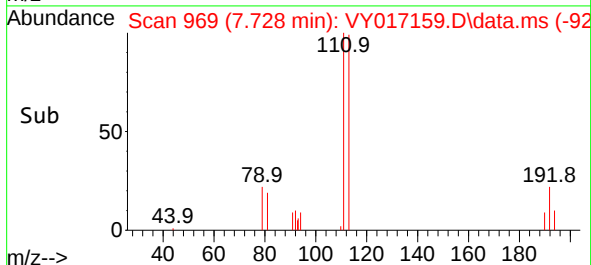
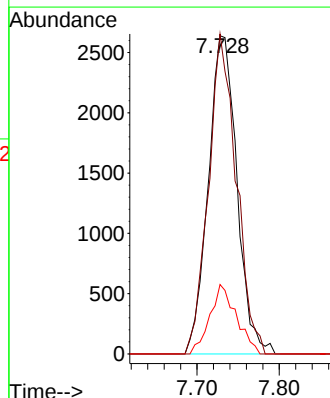
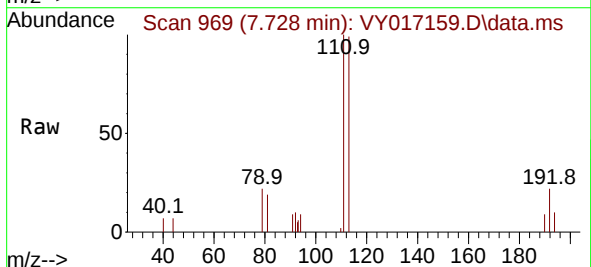
Tgt Ion:113 Resp: 6396

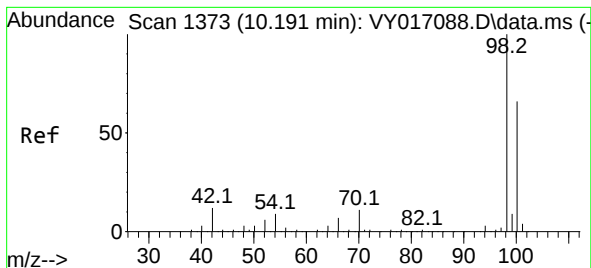
Ion Ratio Lower Upper

113 100

111 97.5 83.8 125.6

192 20.2 14.5 21.7





#50

Toluene-d8

Concen: 37.584 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017159.D

Acq: 31 Jan 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

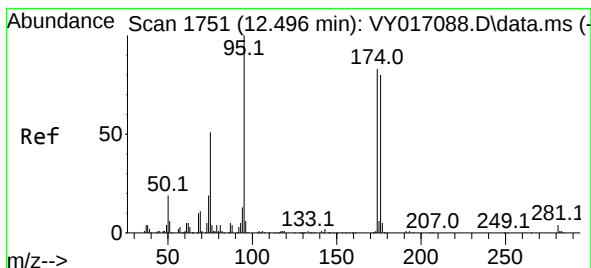
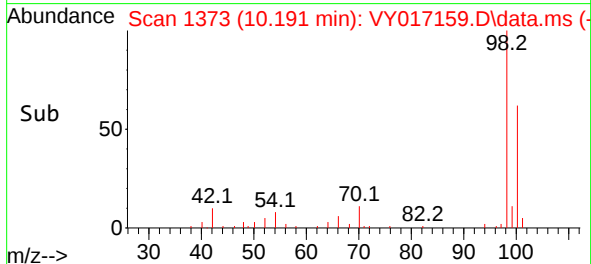
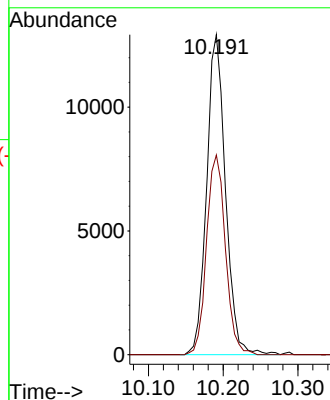
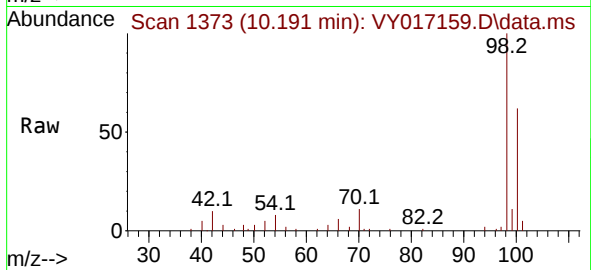
TP-3

Tgt Ion: 98 Resp: 22593

Ion Ratio Lower Upper

98 100

100 62.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 26.509 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017159.D

Acq: 31 Jan 2024 16:04

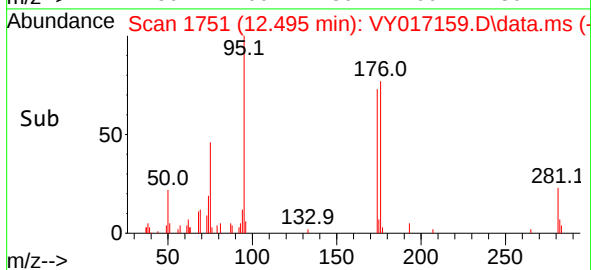
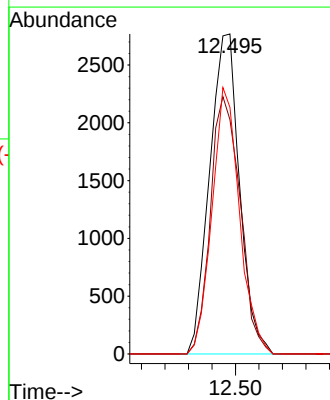
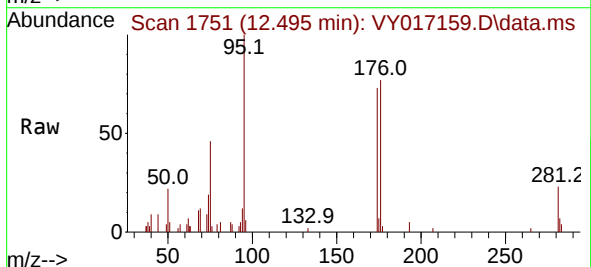
Tgt Ion: 95 Resp: 4909

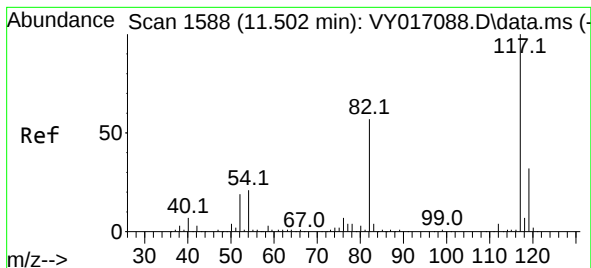
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.0

176 76.4 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: VY017159.D

Acq: 31 Jan 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

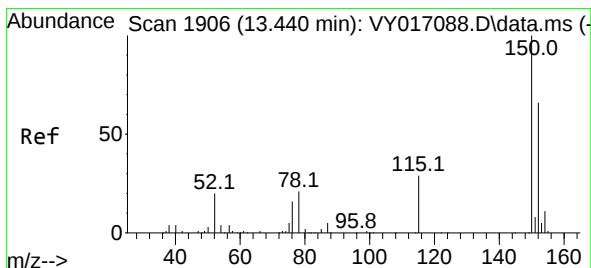
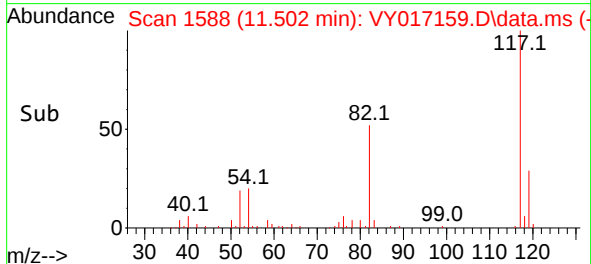
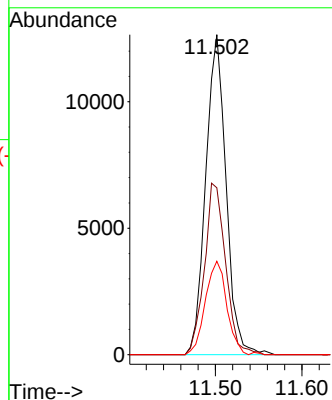
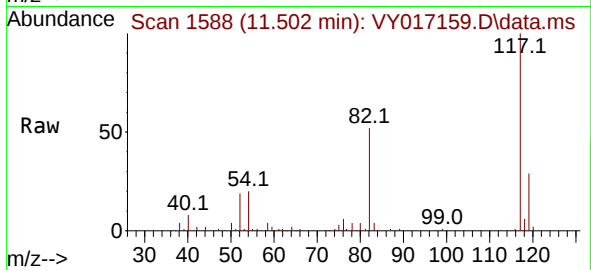
Tgt Ion:117 Resp: 20648

Ion Ratio Lower Upper

117 100

82 52.1 43.8 65.8

119 29.2 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: VY017159.D

Acq: 31 Jan 2024 16:04

Tgt Ion:152 Resp: 5448

Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

150 161.9 0.0 344.6

