

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017158.D
 Acq On : 31 Jan 2024 15:40
 Operator : SY/MD
 Sample : P1311-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jan 31 22:59:25 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	17753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	30929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	9005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8563	49.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.728	113	8860	44.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.700%
50) Toluene-d8	10.191	98	29028	38.473	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.940%
62) 4-Bromofluorobenzene	12.489	95	7801	33.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.120%

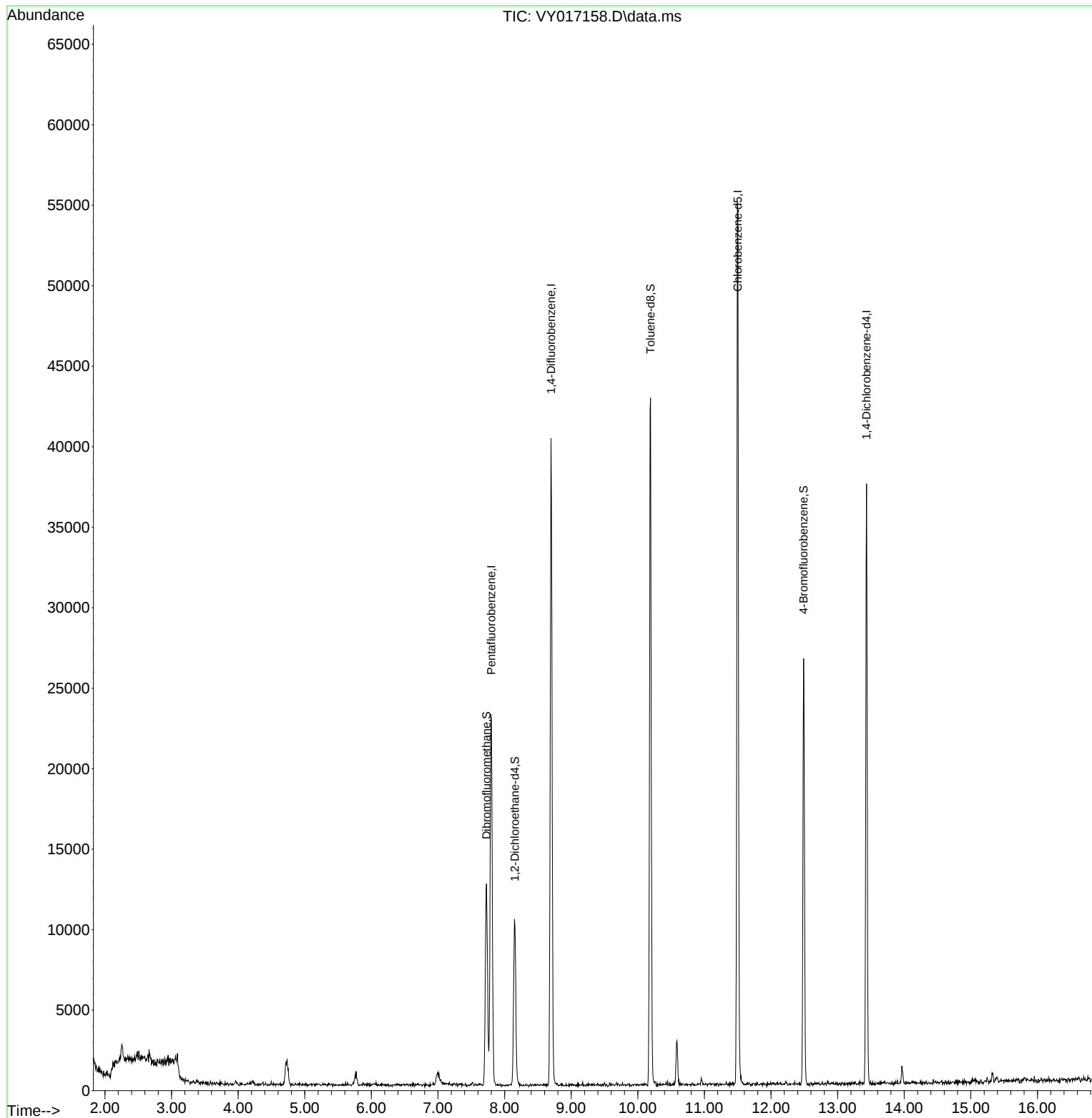
Target Compounds	Qvalue

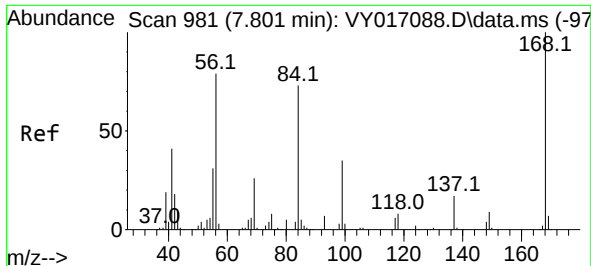
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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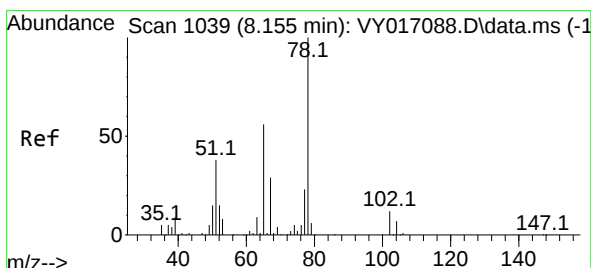
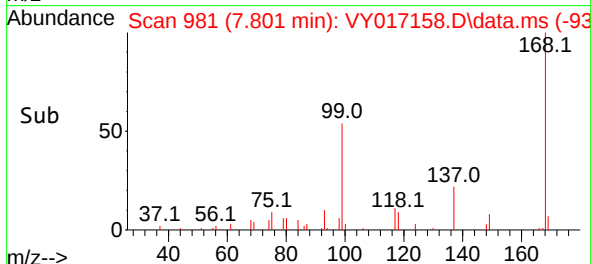
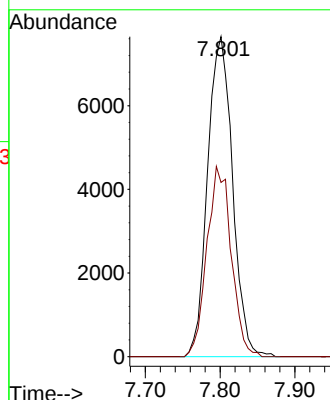
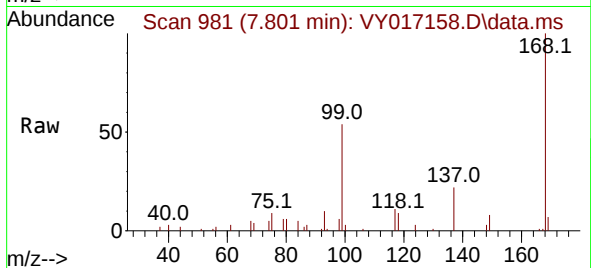




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

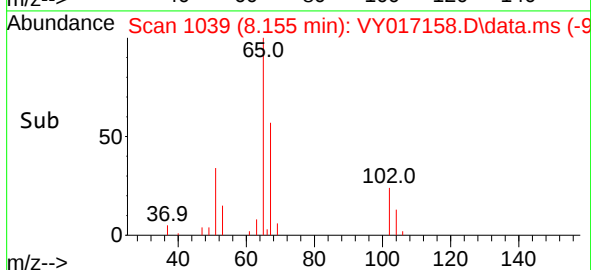
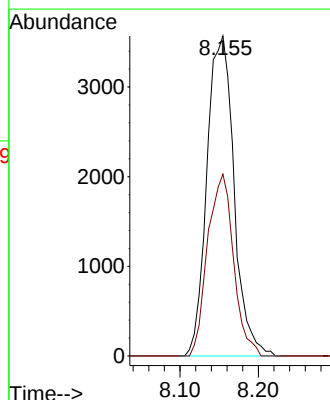
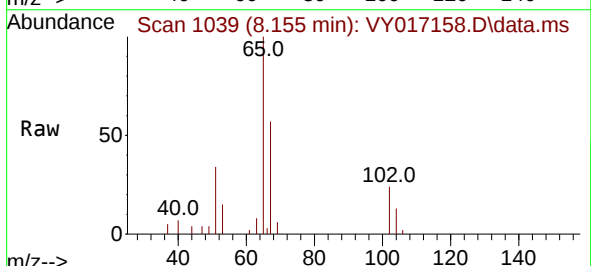
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

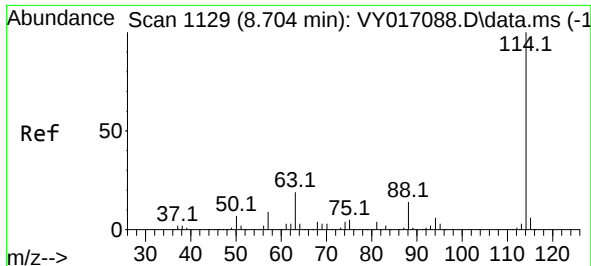
Tgt Ion:168 Resp: 17753
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.506 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017158.D
Acq: 31 Jan 2024 15:40

Tgt Ion: 65 Resp: 8563
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017158.D

Acq: 31 Jan 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

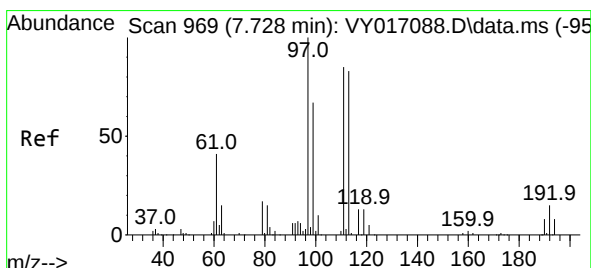
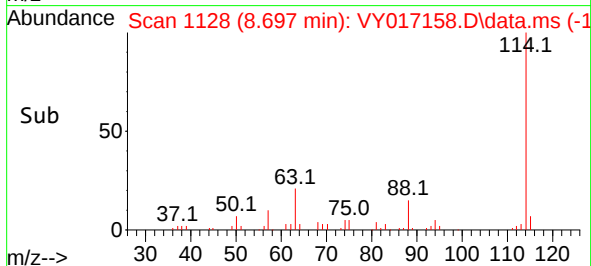
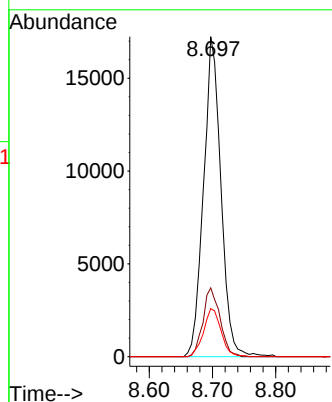
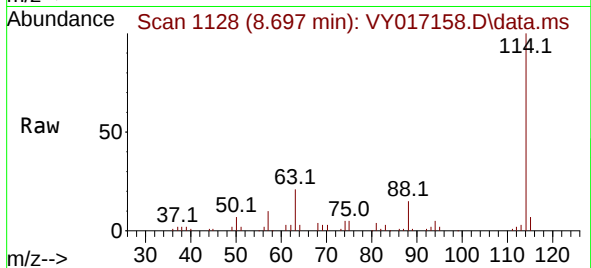
Tgt Ion:114 Resp: 33098

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.353 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY017158.D

Acq: 31 Jan 2024 15:40

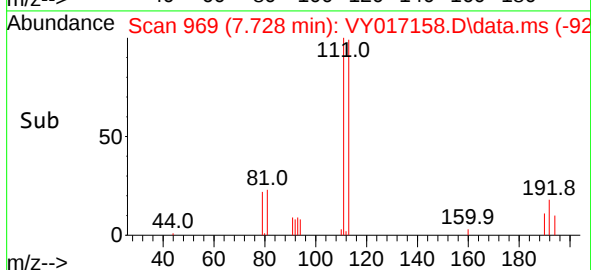
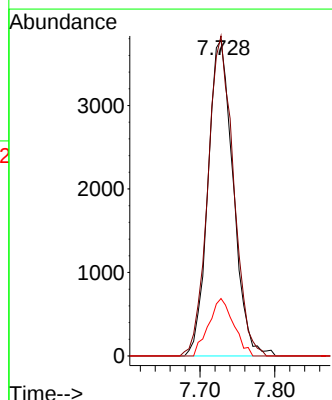
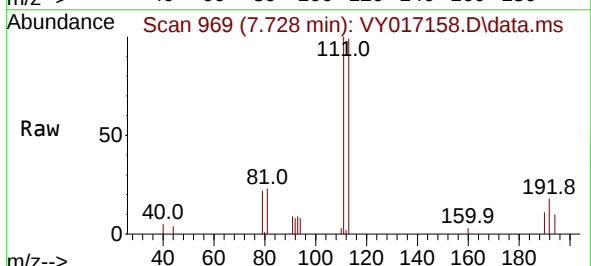
Tgt Ion:113 Resp: 8860

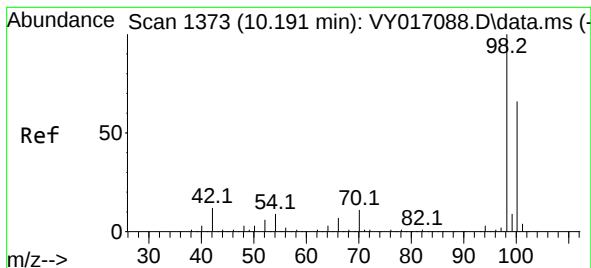
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 38.473 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017158.D

Acq: 31 Jan 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

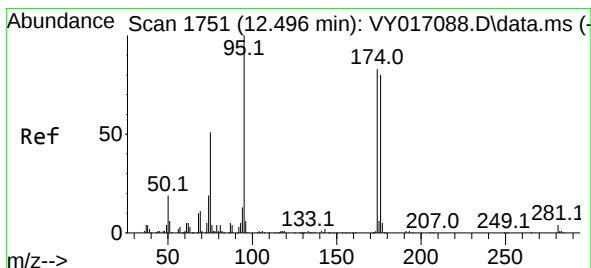
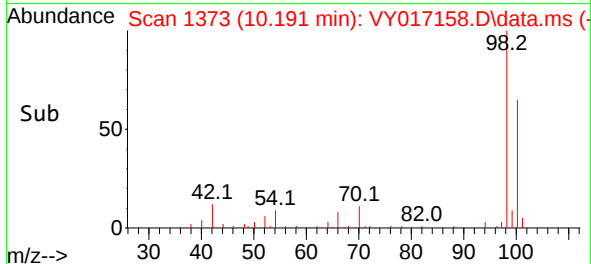
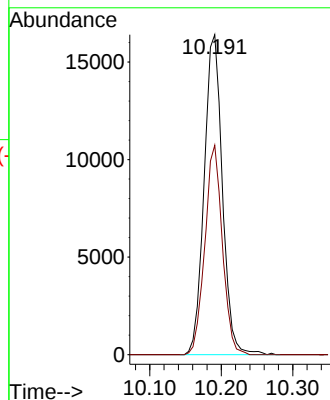
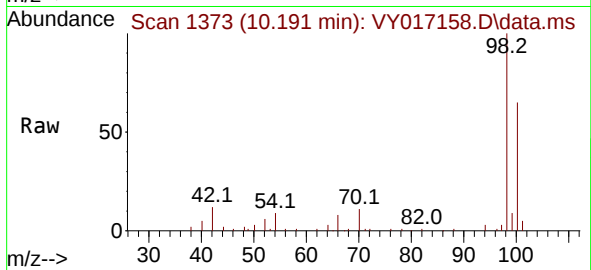
TP-1

Tgt Ion: 98 Resp: 29028

Ion Ratio Lower Upper

98 100

100 62.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 33.563 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017158.D

Acq: 31 Jan 2024 15:40

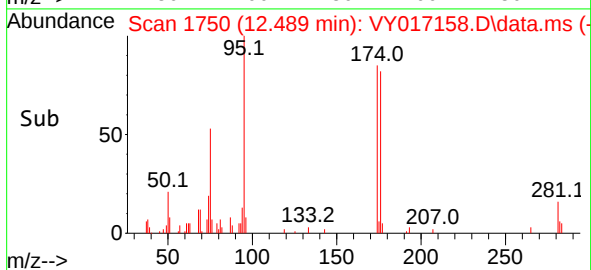
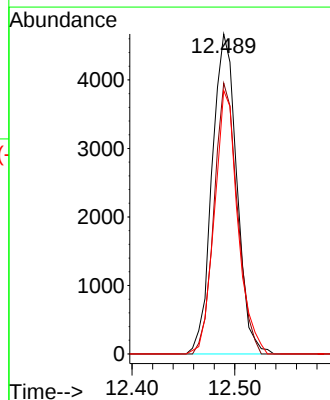
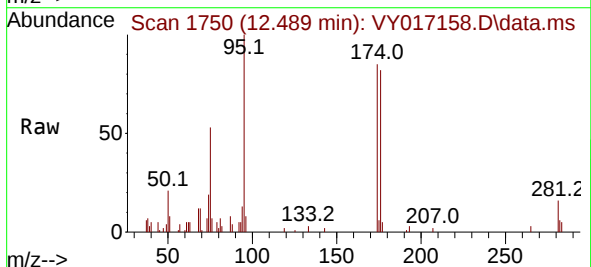
Tgt Ion: 95 Resp: 7801

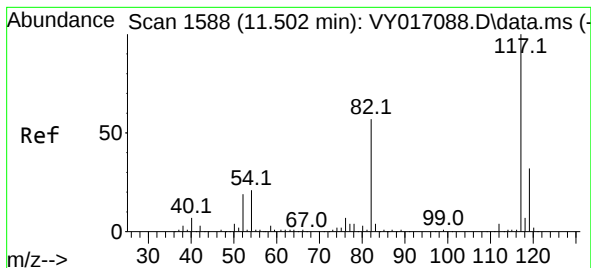
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 77.8 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: VY017158.D

Acq: 31 Jan 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

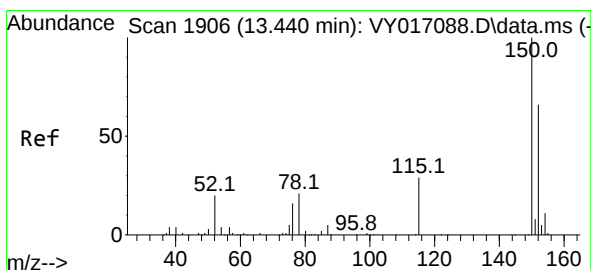
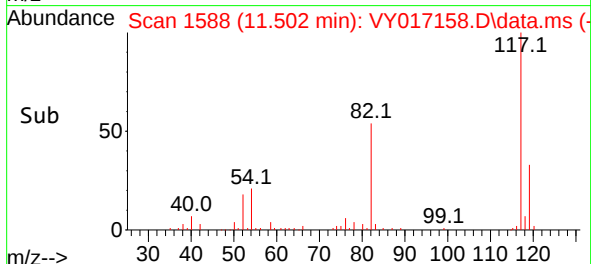
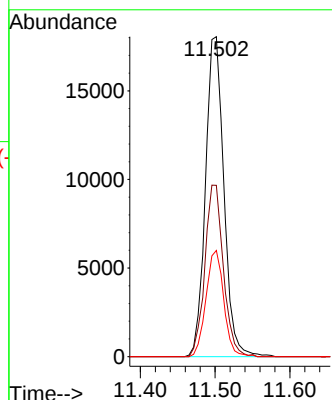
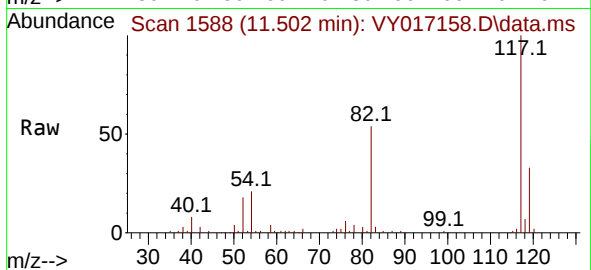
Tgt Ion:117 Resp: 30929

Ion Ratio Lower Upper

117 100

82 53.6 43.8 65.8

119 33.2 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: VY017158.D

Acq: 31 Jan 2024 15:40

Tgt Ion:152 Resp: 9005

Ion Ratio Lower Upper

152 100

115 64.4 30.0 90.0

150 163.7 0.0 344.6

