

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018990.D
 Acq On : 12 Aug 2024 10:12
 Operator : SY/MD
 Sample : VY0812SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBL01

Quant Time: Aug 13 01:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	62509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	98706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	82856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	36816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	28349	51.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.628	113	31555	50.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.103	98	119476	49.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.408	95	32665	45.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.940%

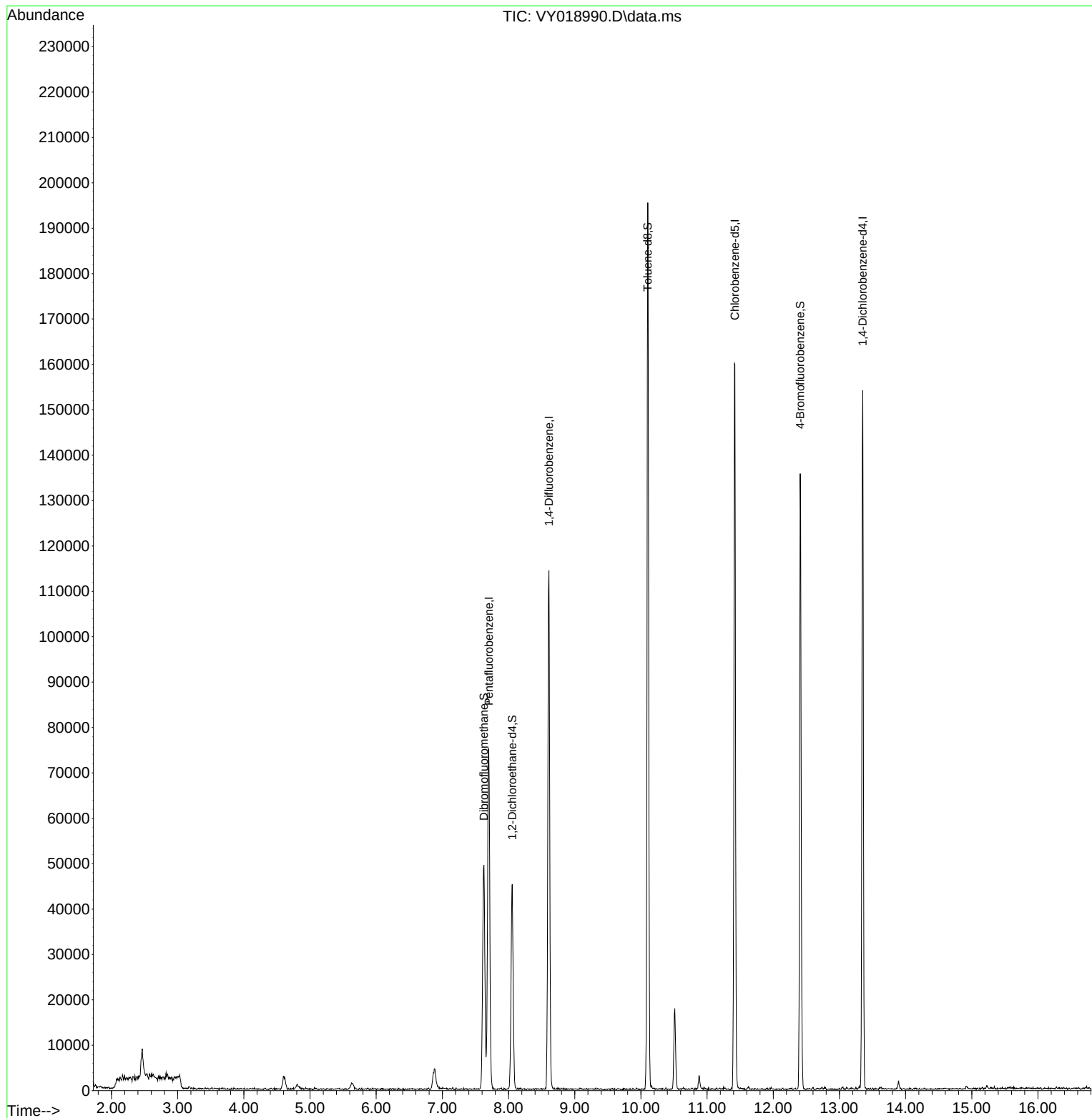
Target Compounds	Qvalue

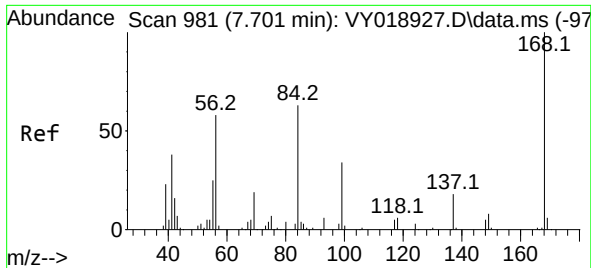
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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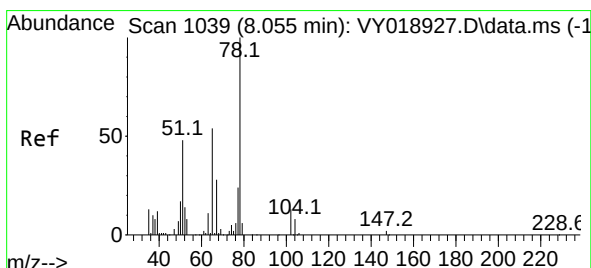
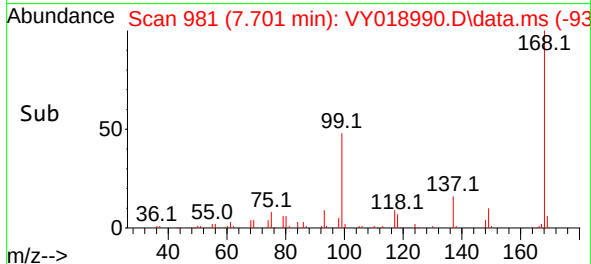
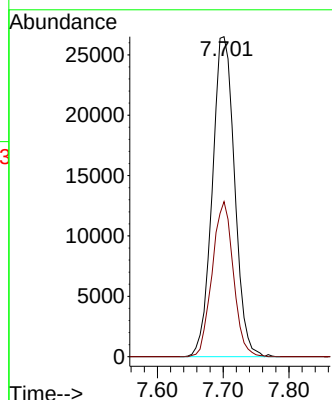
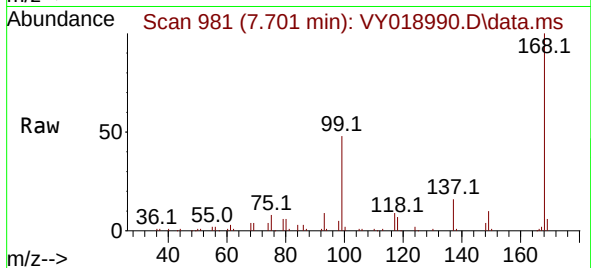




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

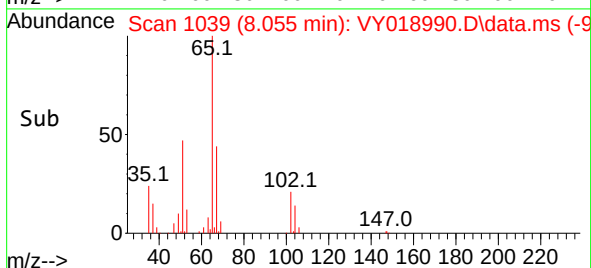
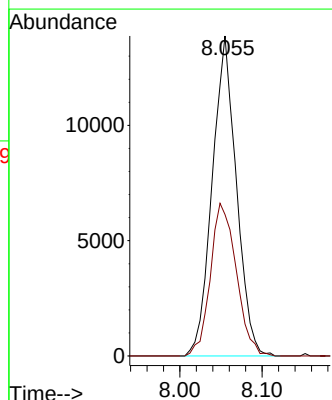
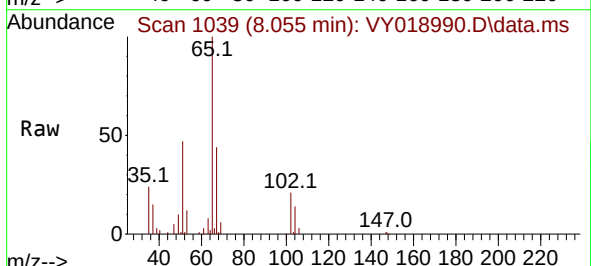
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

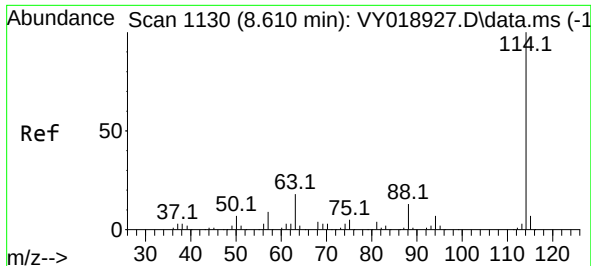
Tgt Ion:168 Resp: 62509
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.654 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018990.D
Acq: 12 Aug 2024 10:12

Tgt Ion: 65 Resp: 28349
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBL01

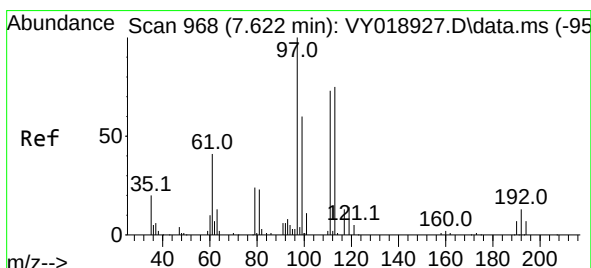
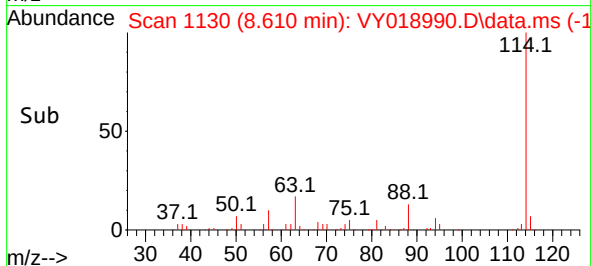
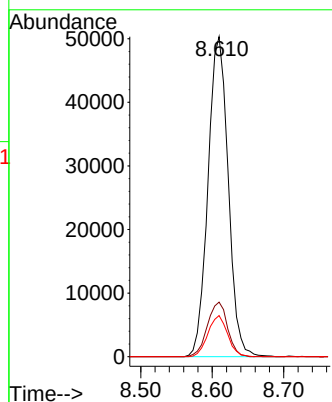
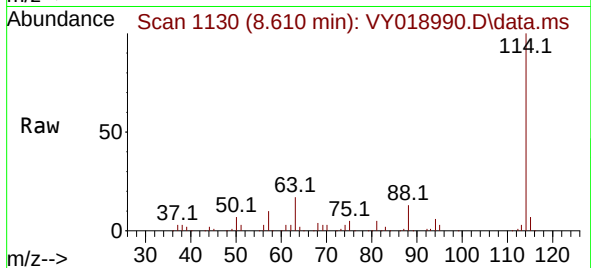
Tgt Ion:114 Resp: 98706

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

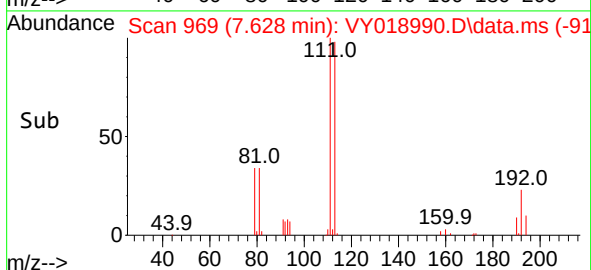
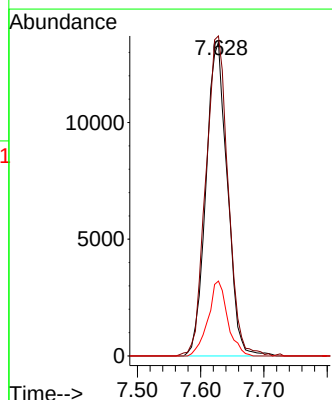
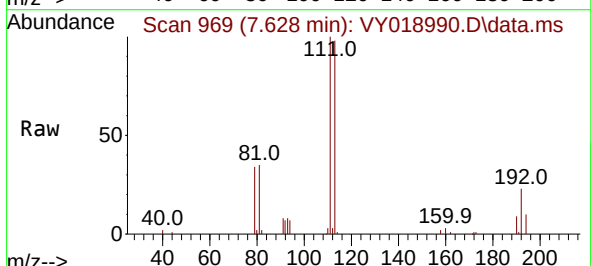
Tgt Ion:113 Resp: 31555

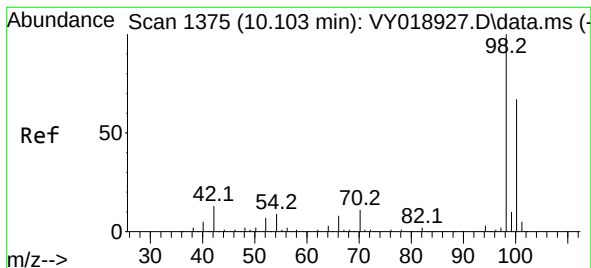
Ion Ratio Lower Upper

113 100

111 106.4 82.2 123.4

192 21.9 15.9 23.9





#50

Toluene-d8

Concen: 49.340 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Instrument :

MSVOA_Y

ClientSampleId :

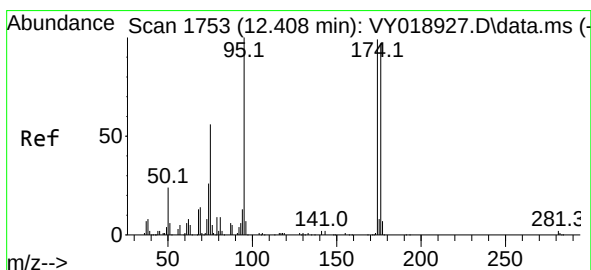
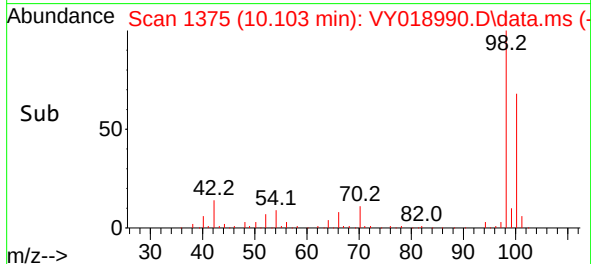
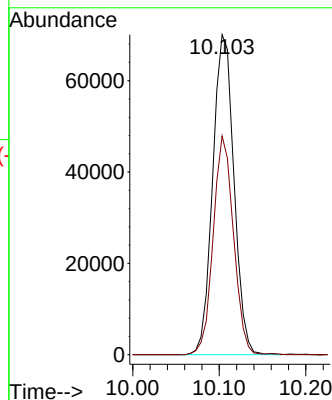
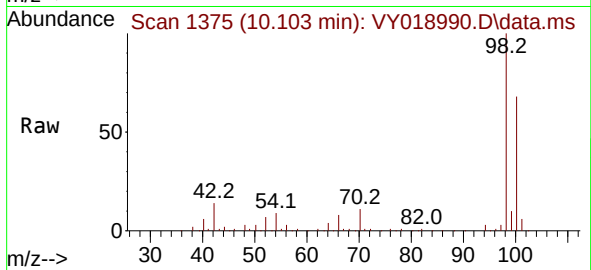
VY0812SBL01

Tgt Ion: 98 Resp: 119476

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.469 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

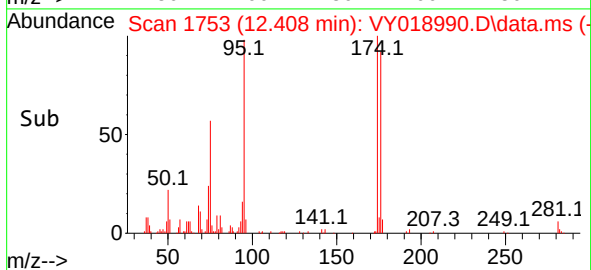
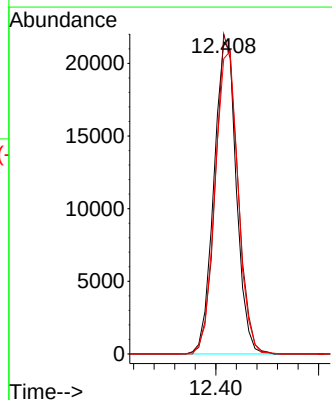
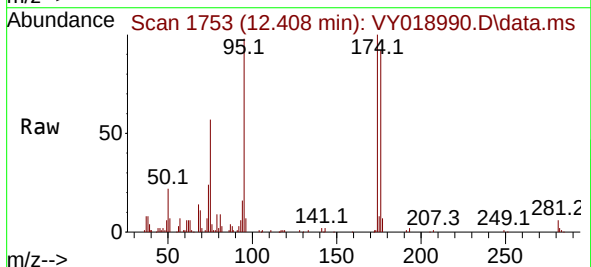
Tgt Ion: 95 Resp: 32665

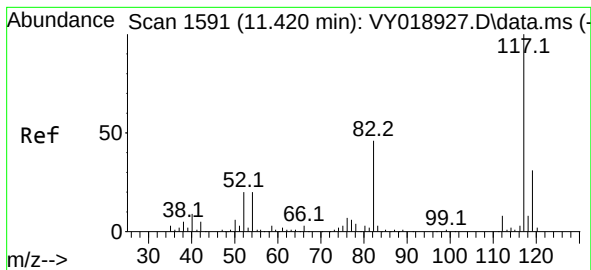
Ion Ratio Lower Upper

95 100

174 100.7 0.0 175.6

176 99.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBL01

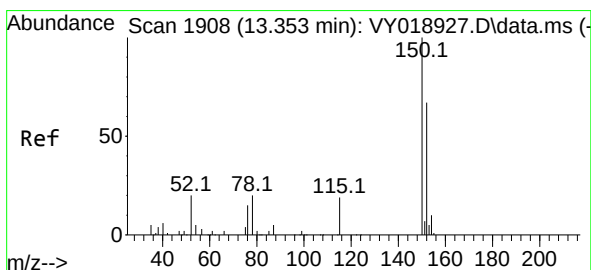
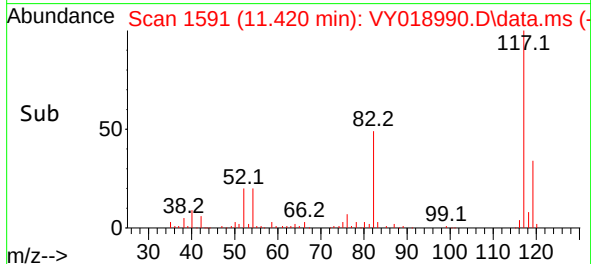
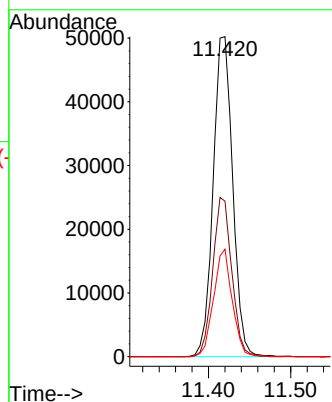
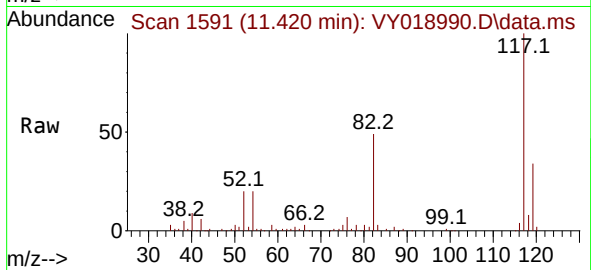
Tgt Ion:117 Resp: 82856

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 33.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY018990.D

Acq: 12 Aug 2024 10:12

Tgt Ion:152 Resp: 36816

Ion Ratio Lower Upper

152 100

115 51.5 28.2 84.7

150 154.6 0.0 345.6

