

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018457.D
 Acq On : 04 Jun 2024 12:10
 Operator : SY/MD
 Sample : VY0604SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBL01

Quant Time: Jun 05 01:21:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	57741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	95377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76273	67.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.520%
35) Dibromofluoromethane	7.703	113	70053	49.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.173	98	281666	50.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.477	95	77989	44.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.540%

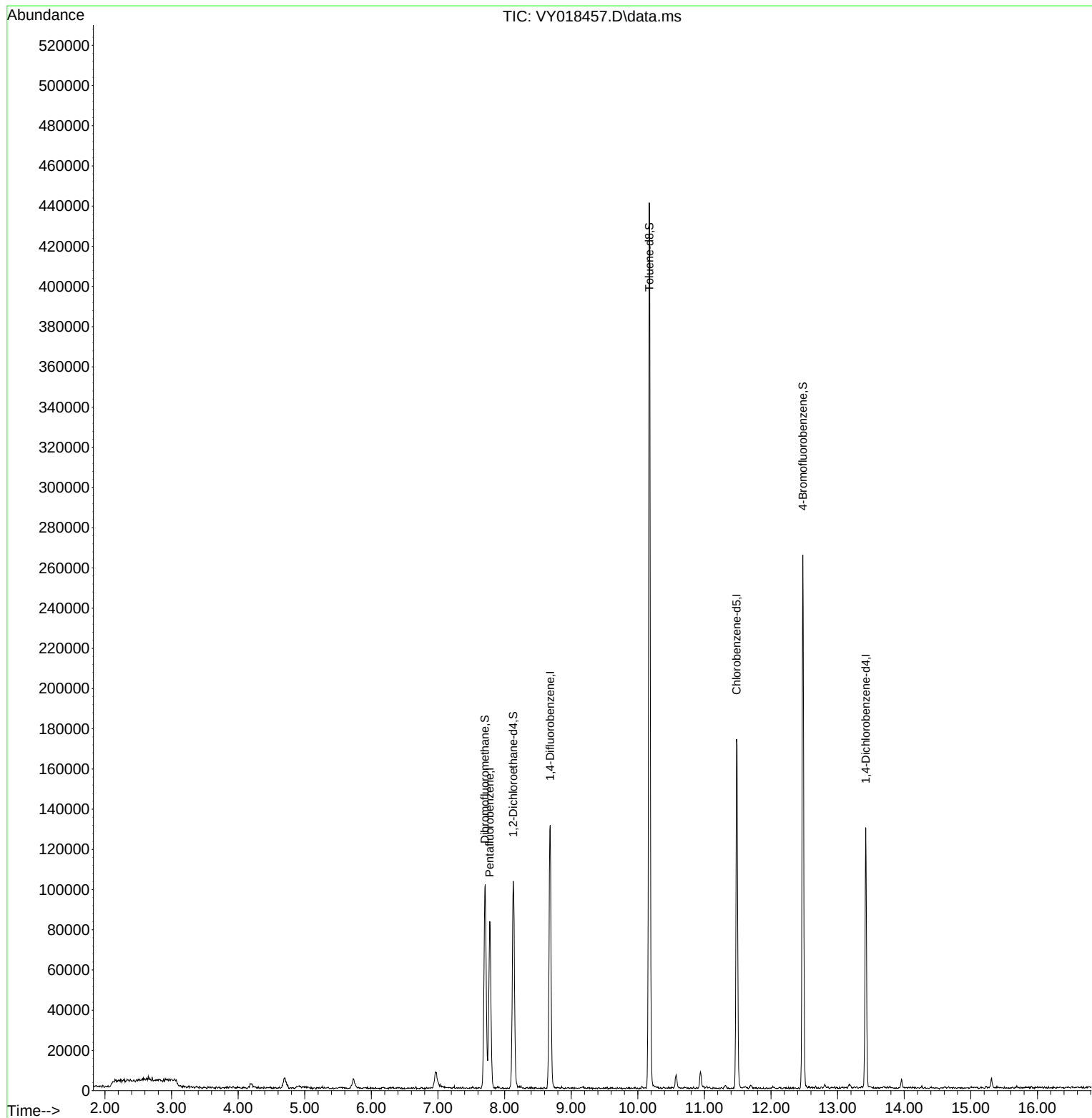
Target Compounds	Qvalue

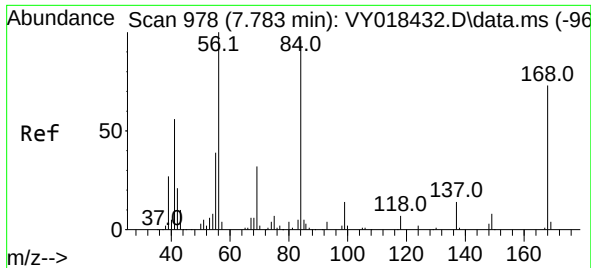
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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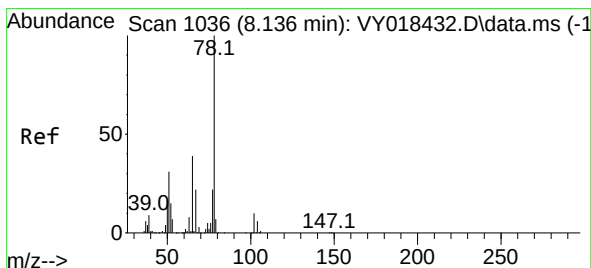
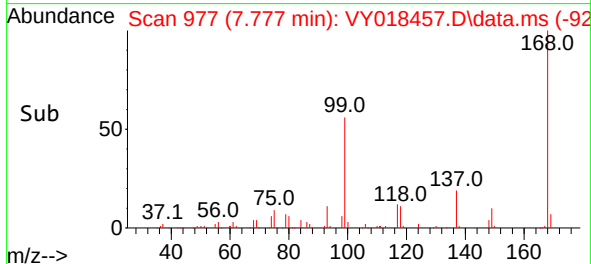
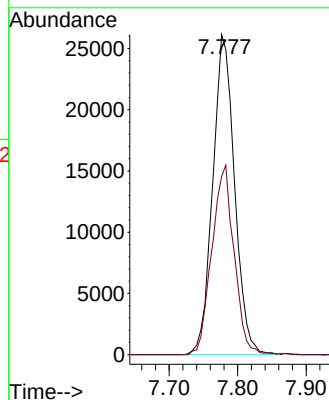
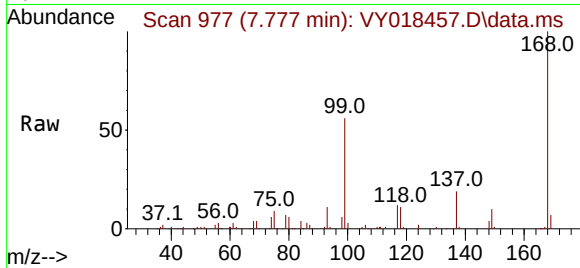




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

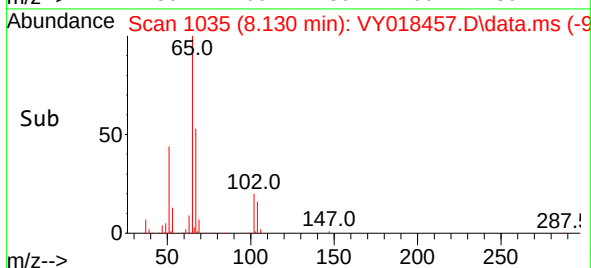
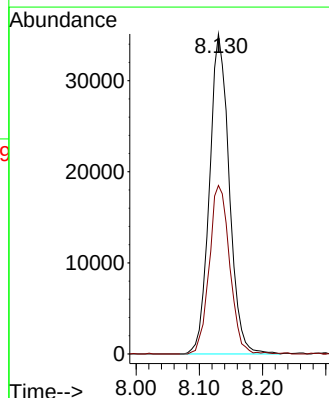
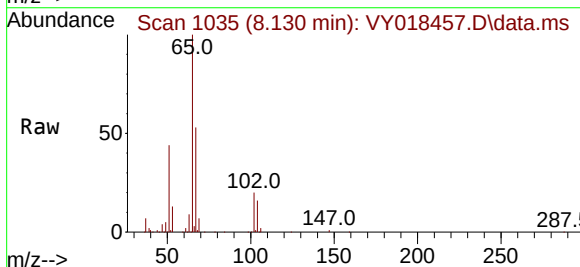
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBL01

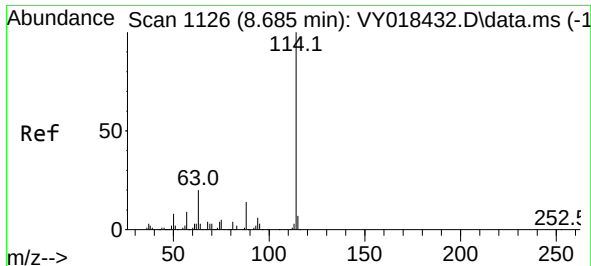
Tgt Ion:168 Resp: 57741
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 67.264 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

Tgt Ion: 65 Resp: 76273
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

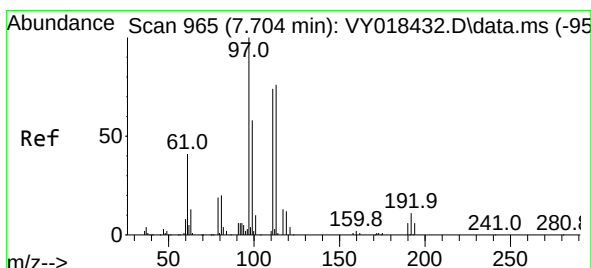
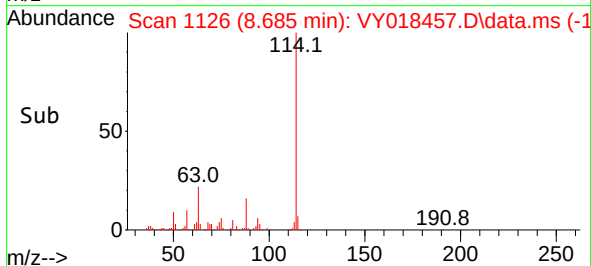
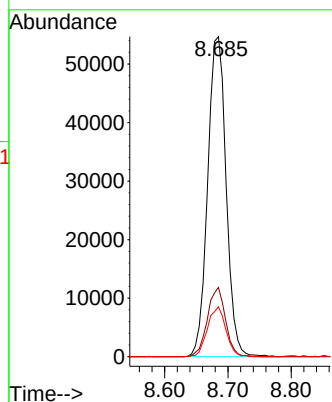
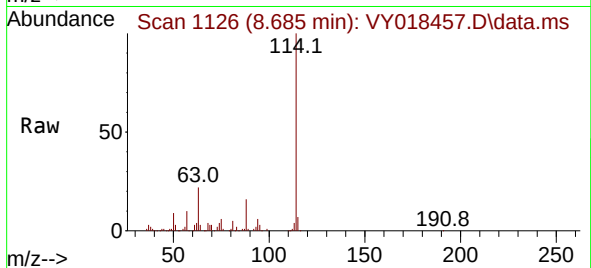
Tgt Ion:114 Resp: 110914

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.808 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

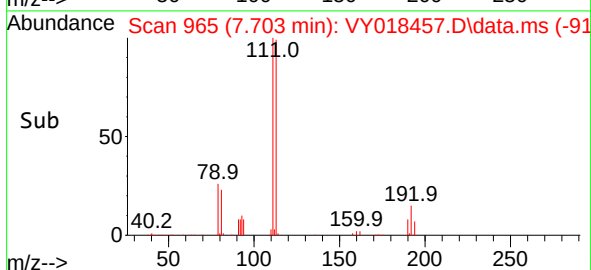
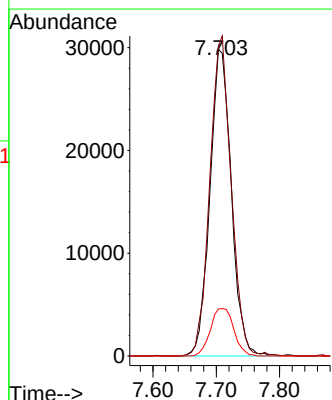
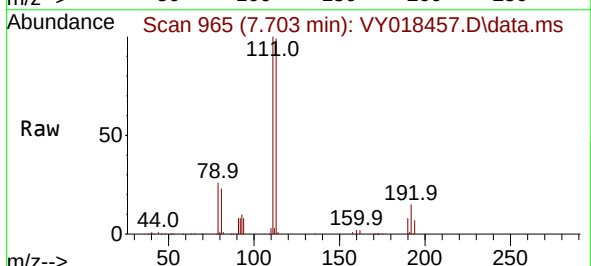
Tgt Ion:113 Resp: 70053

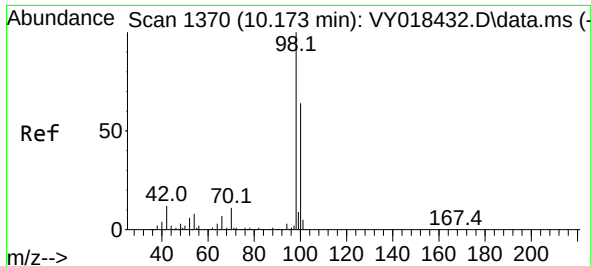
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 16.9 15.9 23.9

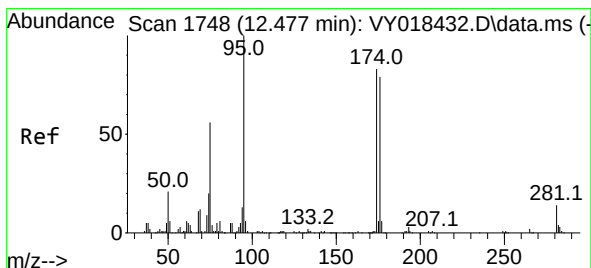
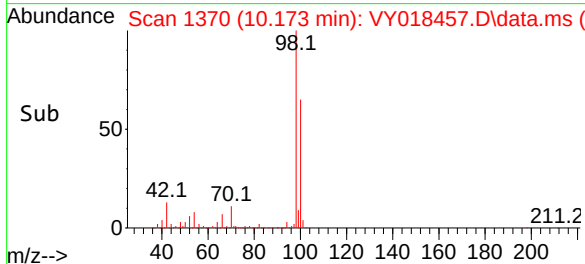
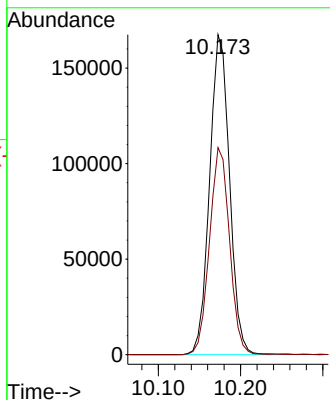
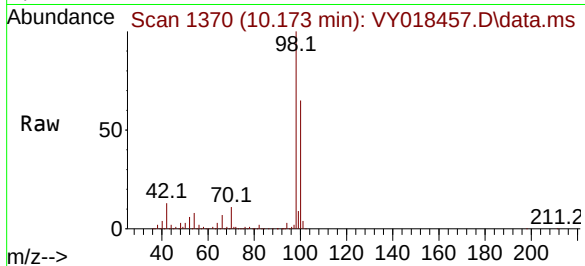




#50
Toluene-d8
Concen: 50.340 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

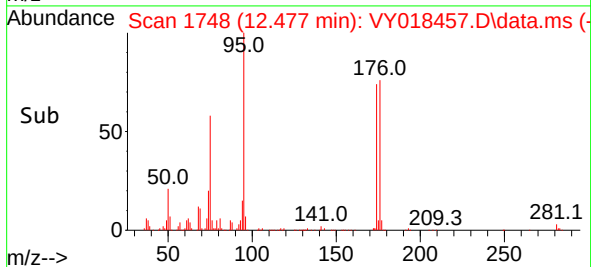
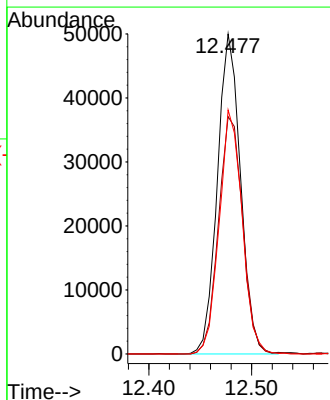
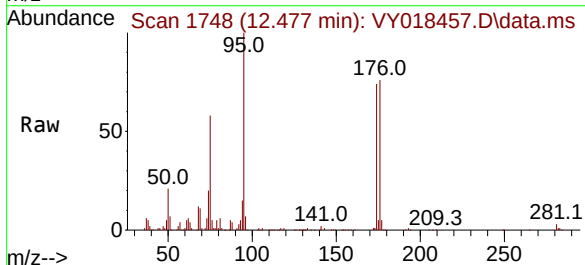
Instrument :
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ClientSampleId :
VY0604SBL01

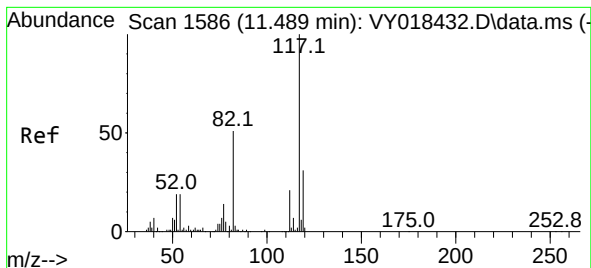
Tgt Ion: 98 Resp: 281666
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018457.D
Acq: 04 Jun 2024 12:10

Tgt Ion: 95 Resp: 77989
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 75.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBL01

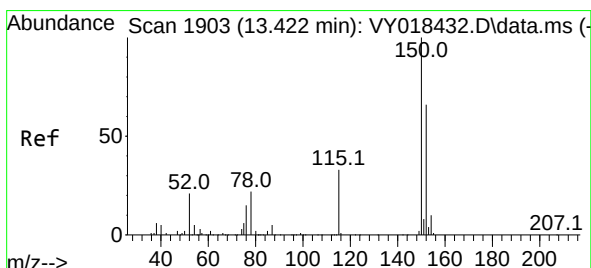
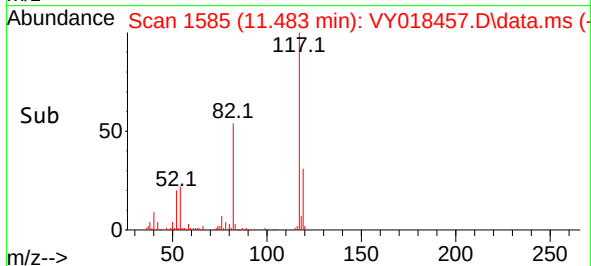
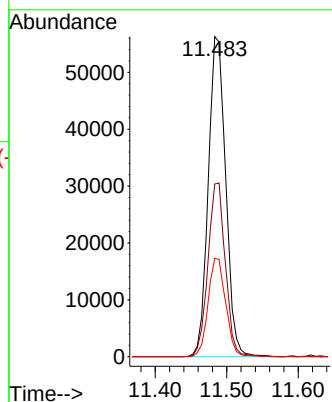
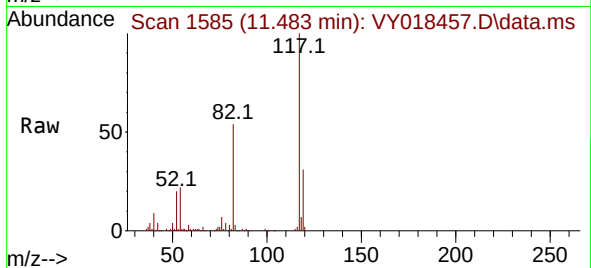
Tgt Ion:117 Resp: 95377

Ion Ratio Lower Upper

117 100

82 54.0 42.4 63.6

119 30.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018457.D

Acq: 04 Jun 2024 12:10

Tgt Ion:152 Resp: 29197

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 163.5 0.0 345.6

