

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019548.D
 Acq On : 13 Sep 2024 18:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 6.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 13 23:36:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	333060	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	648898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	576713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	223958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	193606	62.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.560%
35) Dibromofluoromethane	7.628	113	202235	54.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.940%
50) Toluene-d8	10.103	98	767953	56.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.860%
62) 4-Bromofluorobenzene	12.402	95	253881	48.520	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.040%

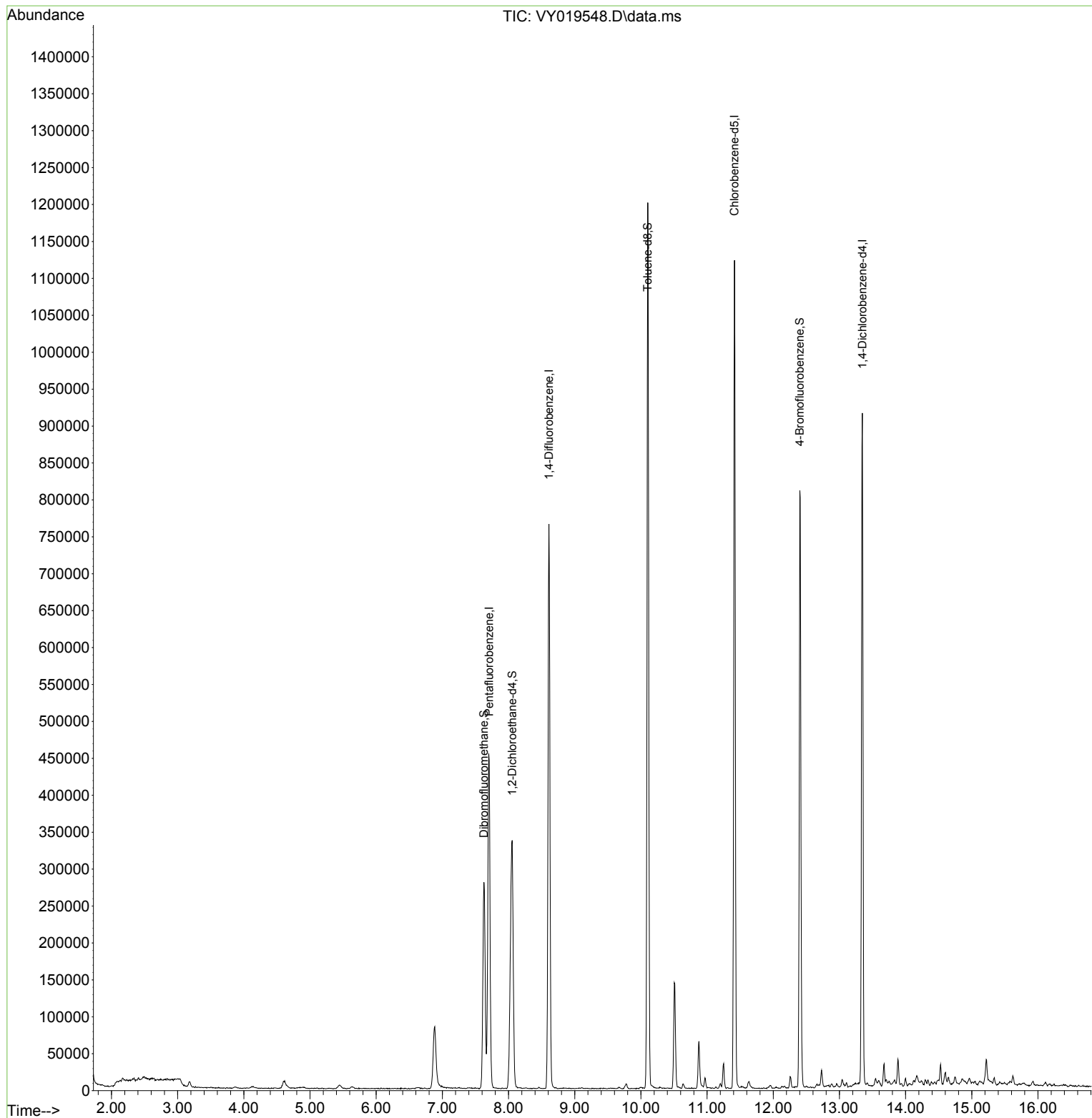
Target Compounds	Qvalue

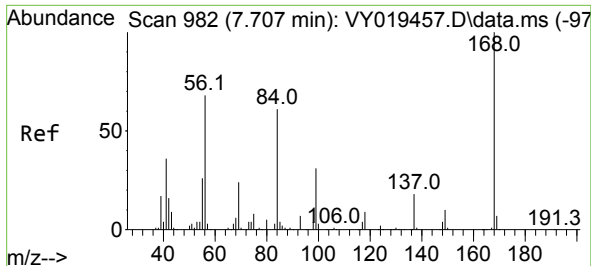
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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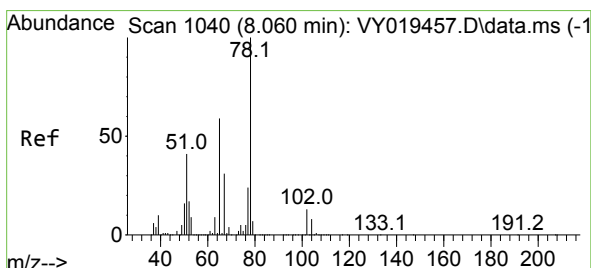
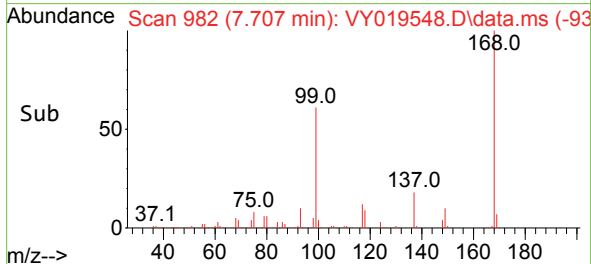
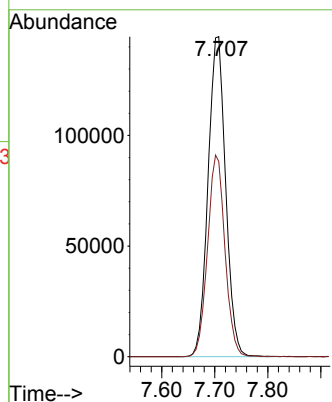
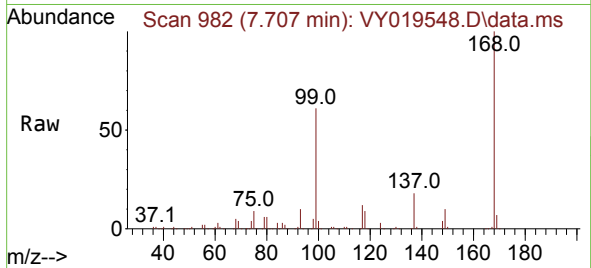




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019548.D
Acq: 13 Sep 2024 18:42

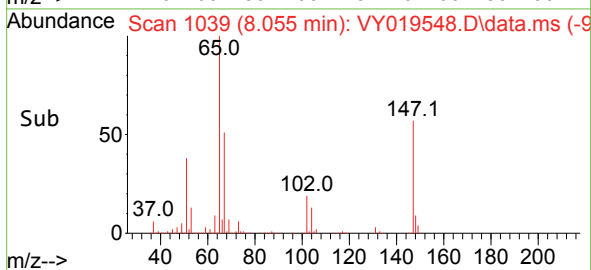
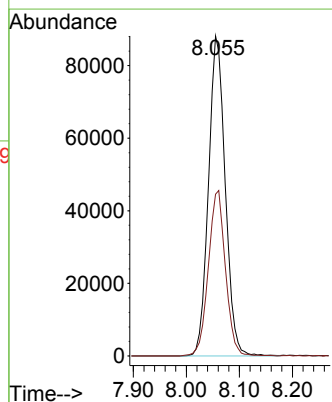
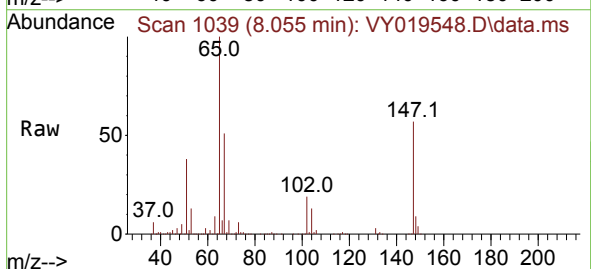
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

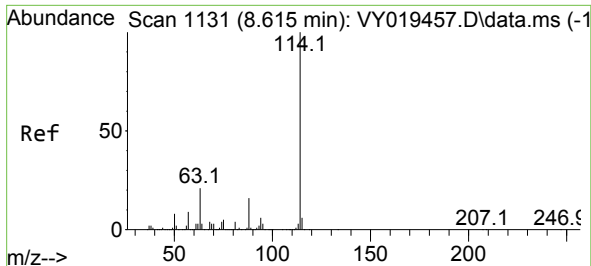
Tgt Ion:168 Resp: 333060
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.776 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019548.D
Acq: 13 Sep 2024 18:42

Tgt Ion: 65 Resp: 193606
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

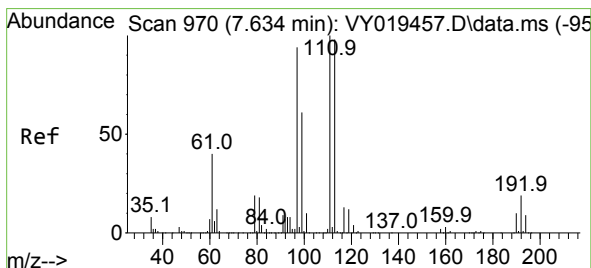
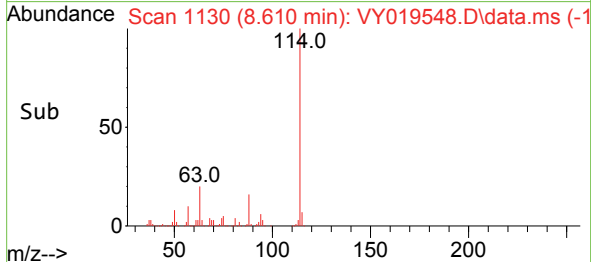
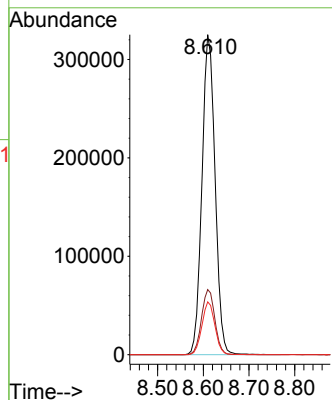
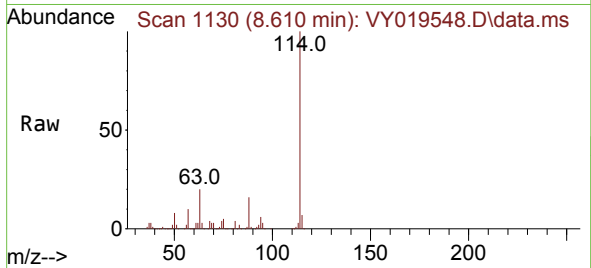




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019548.D
Acq: 13 Sep 2024 18:42

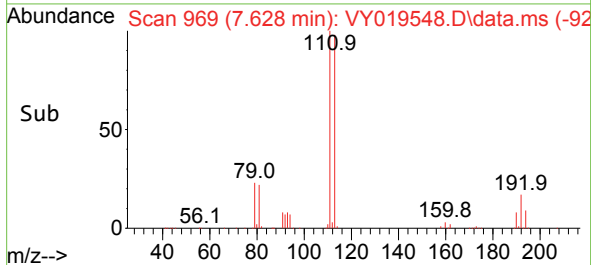
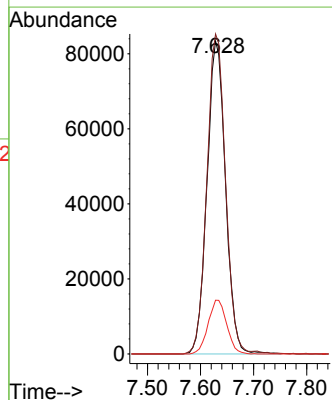
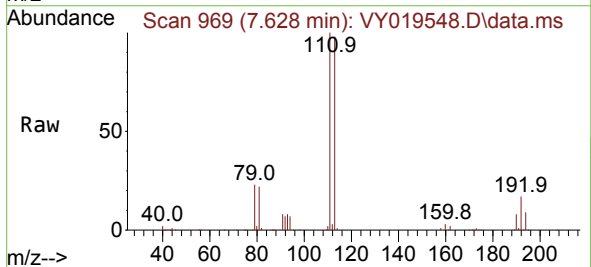
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

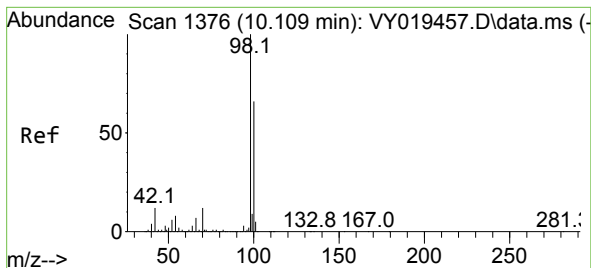
Tgt Ion:114 Resp: 648898
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.0
88 16.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.968 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019548.D
Acq: 13 Sep 2024 18:42

Tgt Ion:113 Resp: 202235
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.3 15.9 23.9





#50

Toluene-d8

Concen: 56.433 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019548.D

Acq: 13 Sep 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

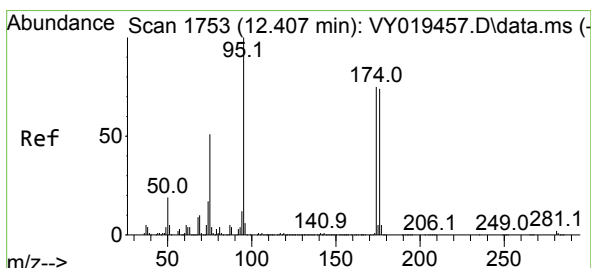
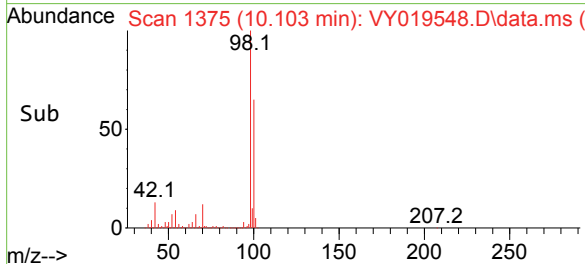
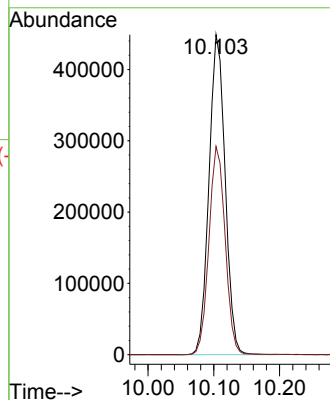
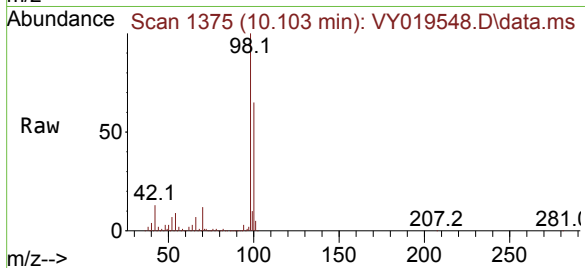
VIBLK

Tgt Ion: 98 Resp: 767953

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.520 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019548.D

Acq: 13 Sep 2024 18:42

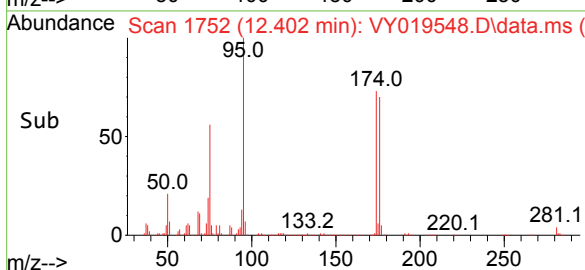
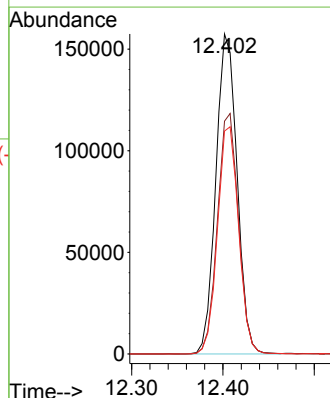
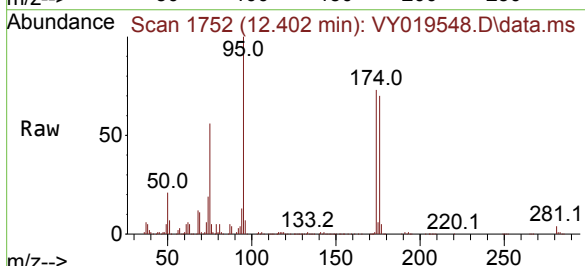
Tgt Ion: 95 Resp: 253881

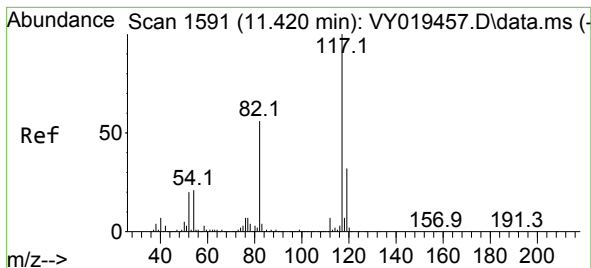
Ion Ratio Lower Upper

95 100

174 74.8 0.0 175.6

176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019548.D

Acq: 13 Sep 2024 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

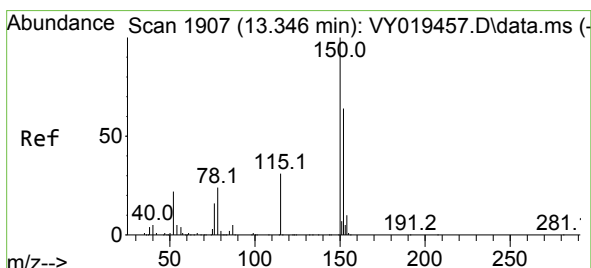
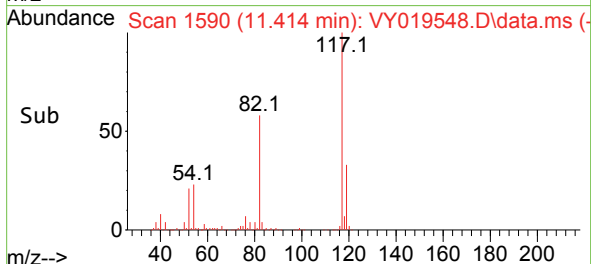
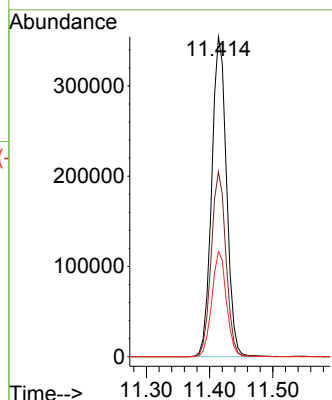
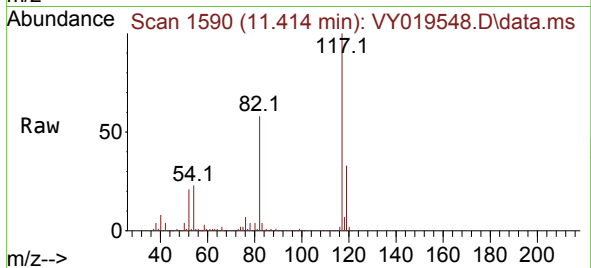
Tgt Ion:117 Resp: 576713

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 32.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019548.D

Acq: 13 Sep 2024 18:42

Tgt Ion:152 Resp: 223958

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 156.2 0.0 345.6

