

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017335.D
 Acq On : 09 Feb 2024 13:32
 Operator : SY/MD
 Sample : P1414-01
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(15-16)

Quant Time: Feb 09 22:02:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153155	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	59767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	42372	54.017	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.040%
35) Dibromofluoromethane	7.716	113	42030	45.890	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.179	98	150446	45.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.240%
62) 4-Bromofluorobenzene	12.483	95	42991	39.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.720%

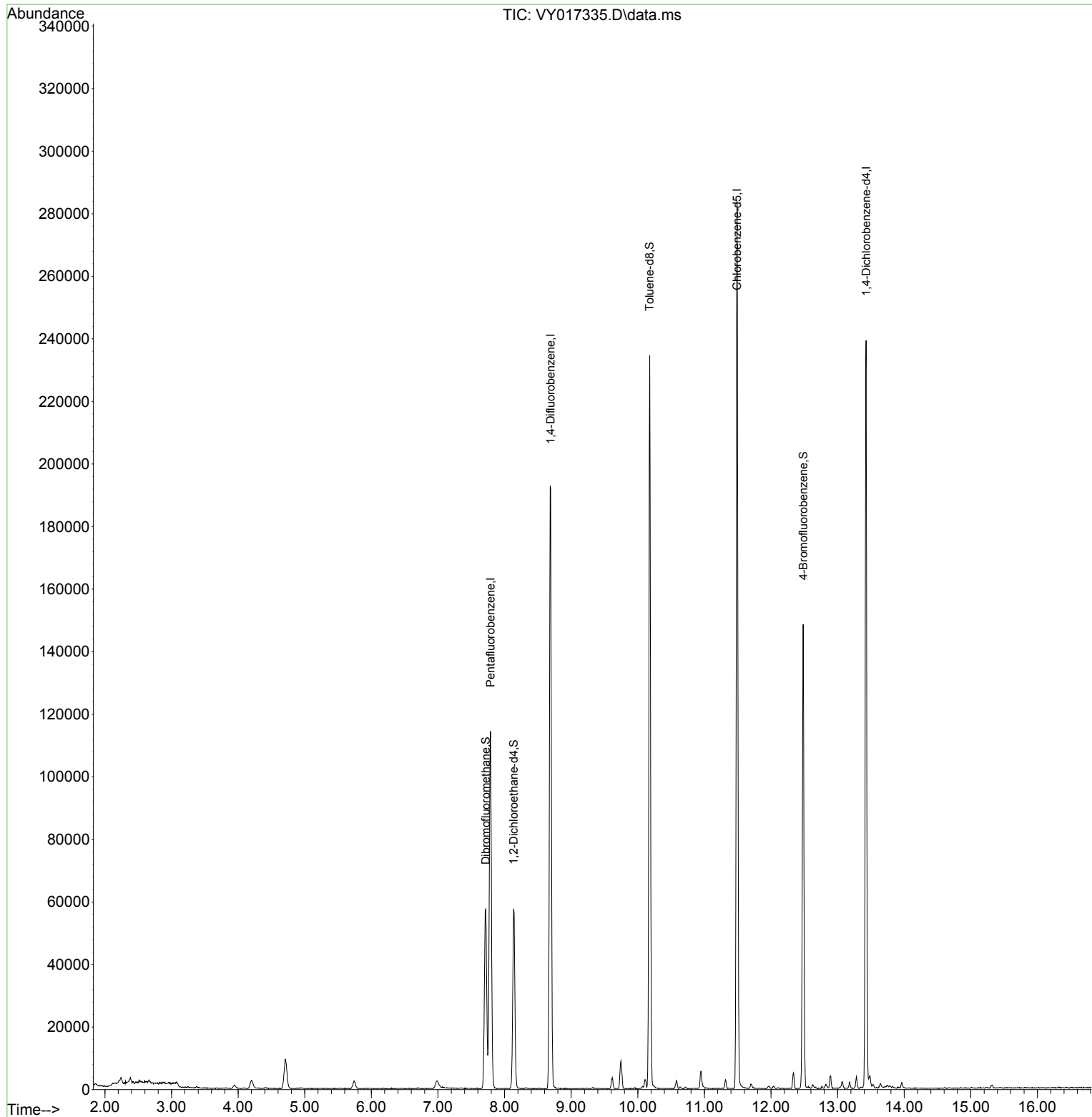
Target Compounds	Qvalue

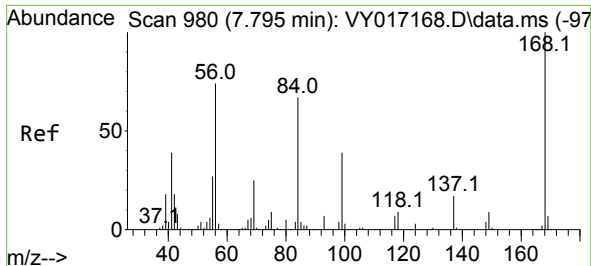
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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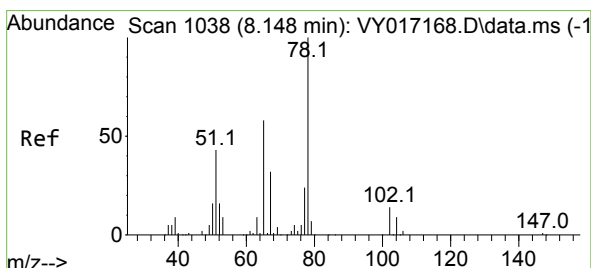
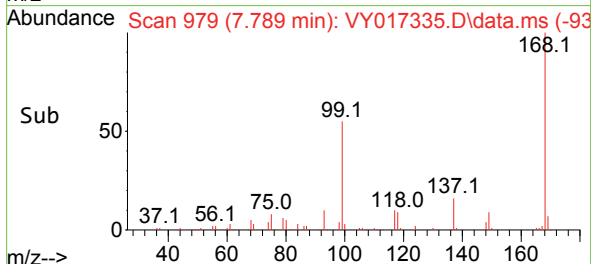
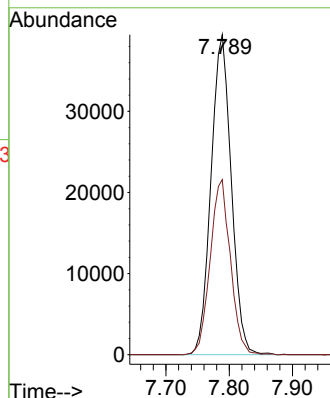
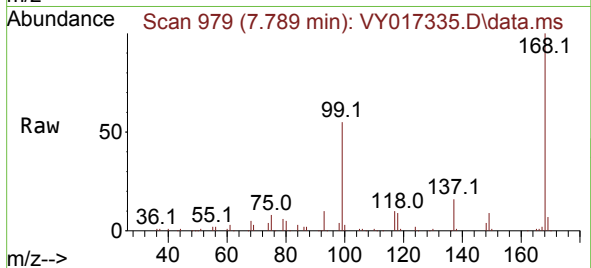




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017335.D
Acq: 09 Feb 2024 13:32

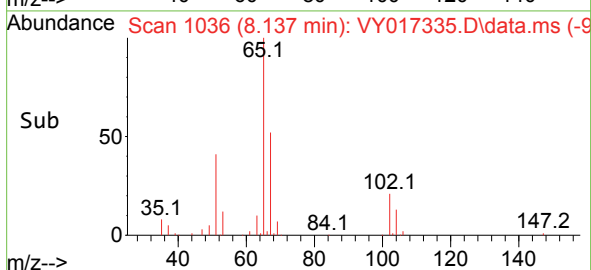
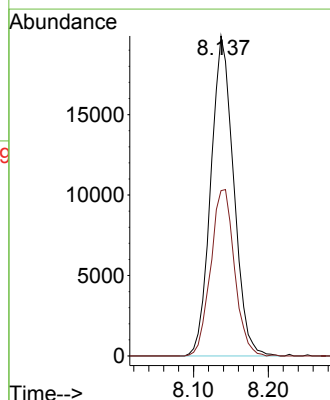
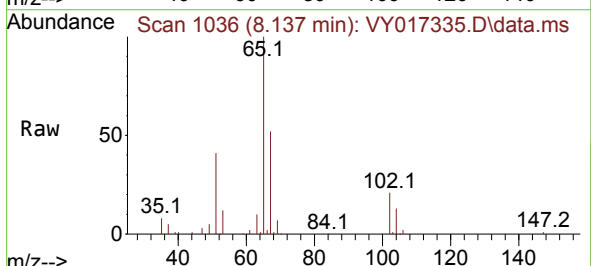
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(15-16)

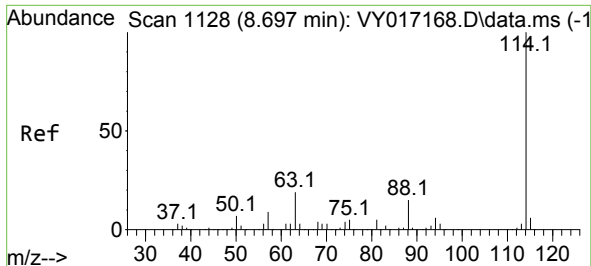
Tgt Ion:168 Resp: 87807
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.017 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017335.D
Acq: 09 Feb 2024 13:32

Tgt Ion: 65 Resp: 42372
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017335.D

Acq: 09 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)

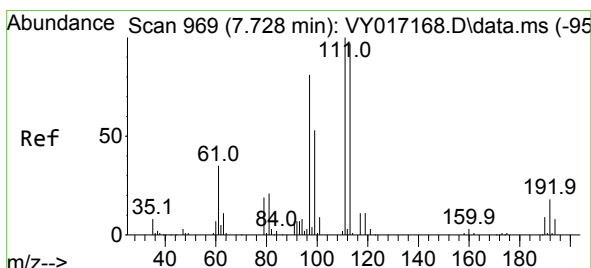
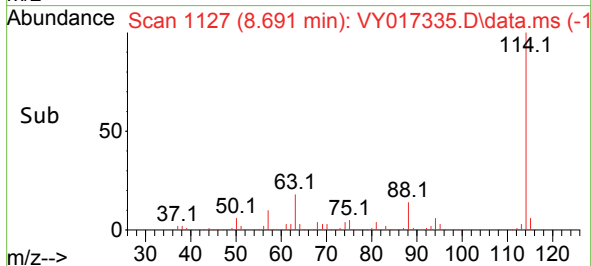
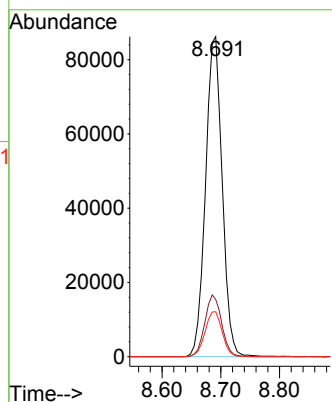
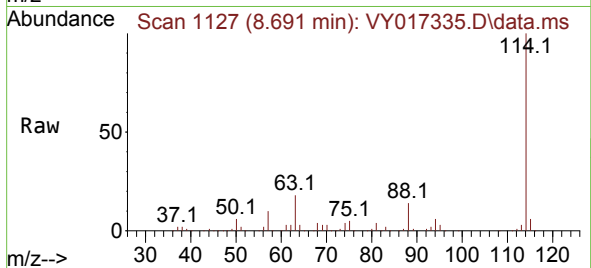
Tgt Ion:114 Resp: 169628

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.890 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017335.D

Acq: 09 Feb 2024 13:32

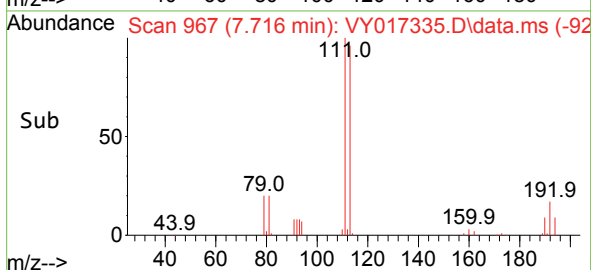
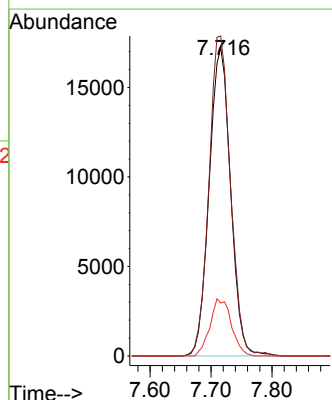
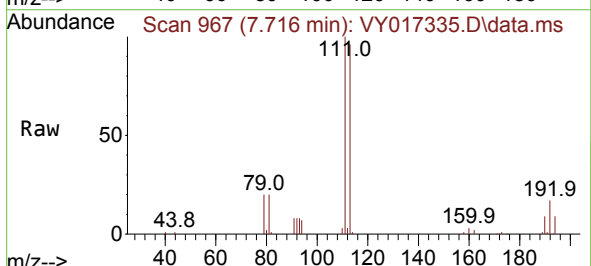
Tgt Ion:113 Resp: 42030

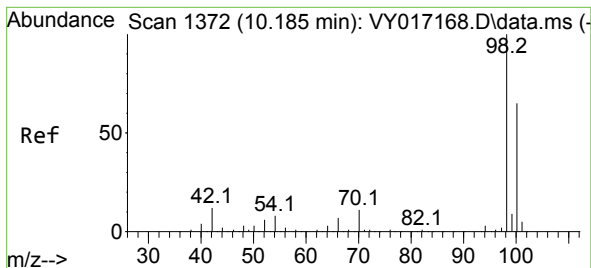
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 18.5 14.5 21.7





#50

Toluene-d8

Concen: 45.116 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017335.D

Acq: 09 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

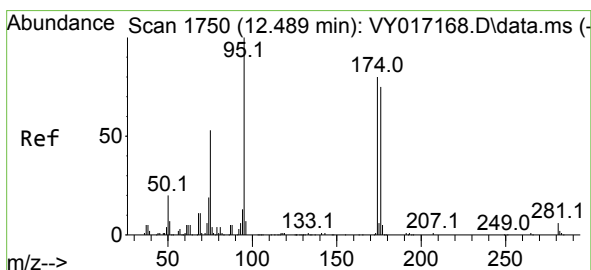
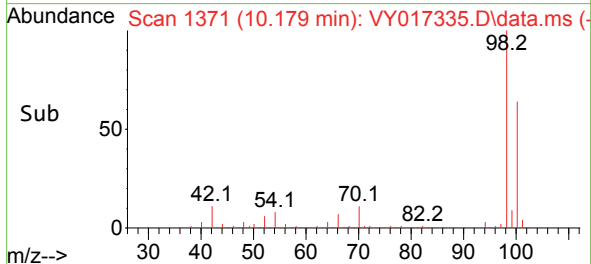
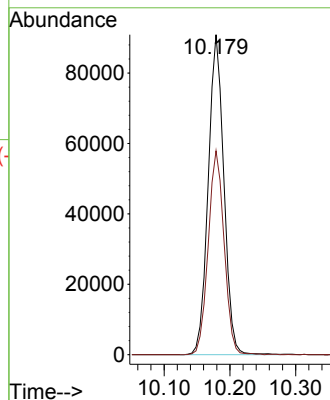
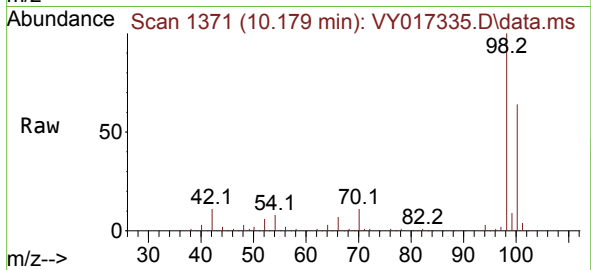
SB-6(15-16)

Tgt Ion: 98 Resp: 150446

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.356 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017335.D

Acq: 09 Feb 2024 13:32

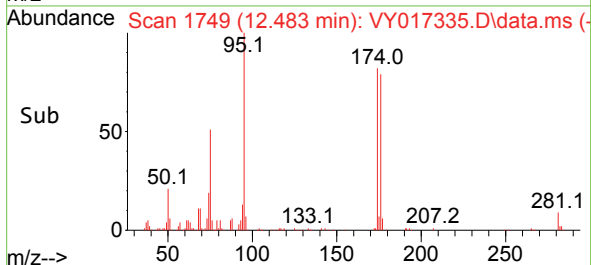
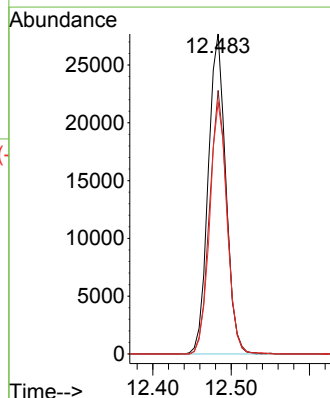
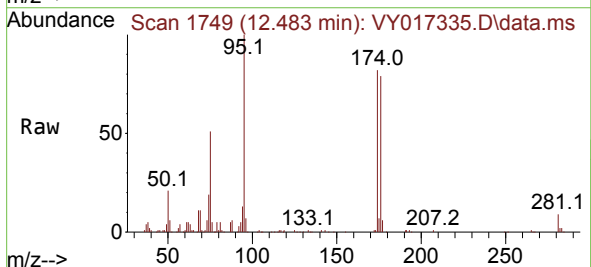
Tgt Ion: 95 Resp: 42991

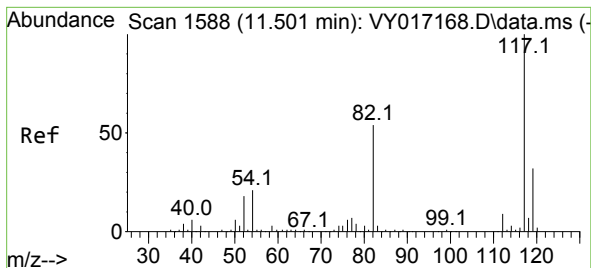
Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.0

176 77.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017335.D

Acq: 09 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(15-16)

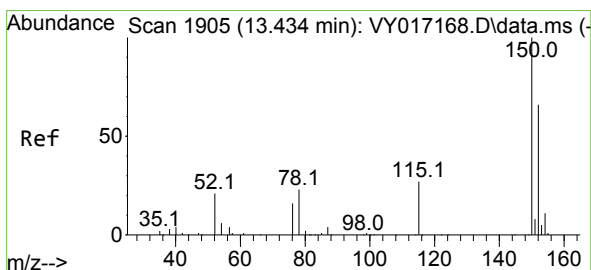
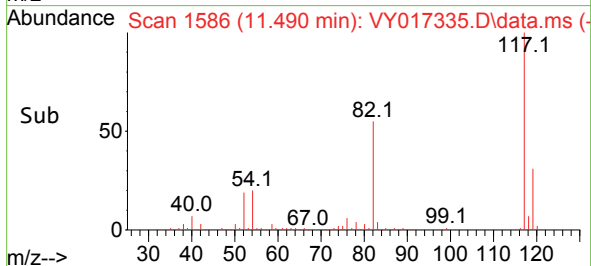
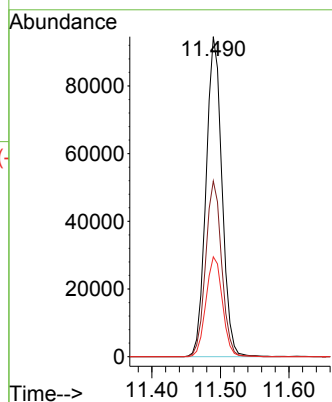
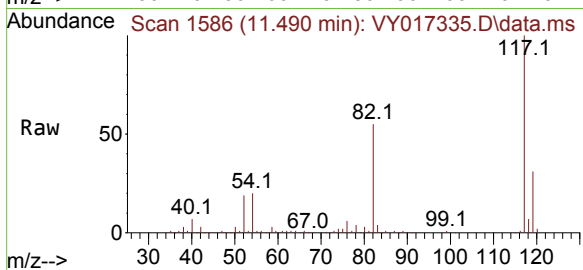
Tgt Ion:117 Resp: 153155

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

119 31.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017335.D

Acq: 09 Feb 2024 13:32

Tgt Ion:152 Resp: 59767

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 157.5 0.0 344.6

