

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017457.D
 Acq On : 22 Feb 2024 14:49
 Operator : SY/MD
 Sample : P1537-05
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Feb 23 00:30:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128518	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	228259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	191576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70913	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43829	39.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.840%
35) Dibromofluoromethane	7.716	113	53040	39.696	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.400%
50) Toluene-d8	10.185	98	194713	37.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.140%
62) 4-Bromofluorobenzene	12.489	95	49080	29.145	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.280%

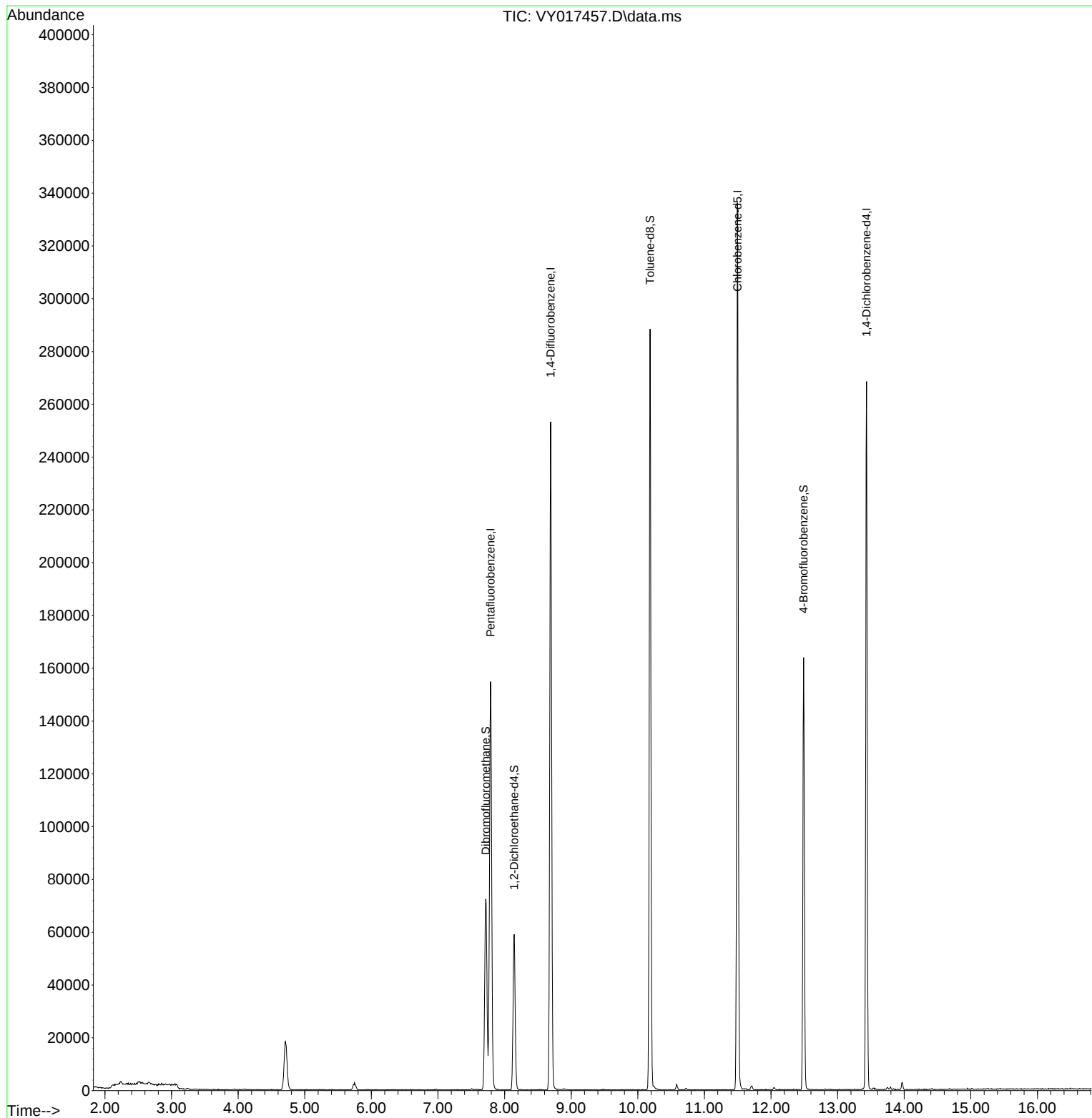
Target Compounds	Qvalue

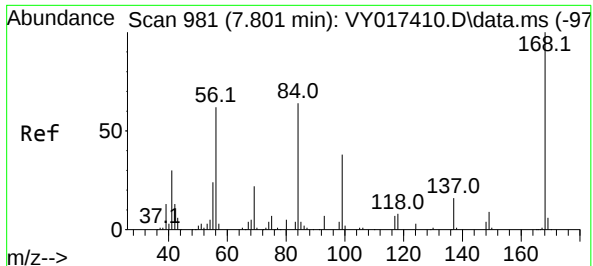
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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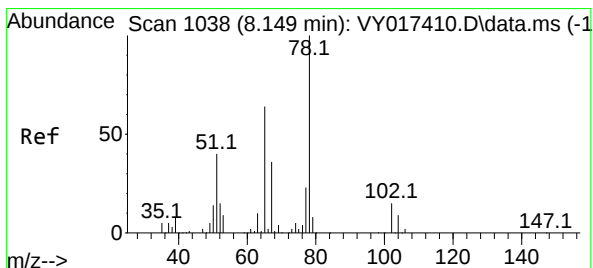
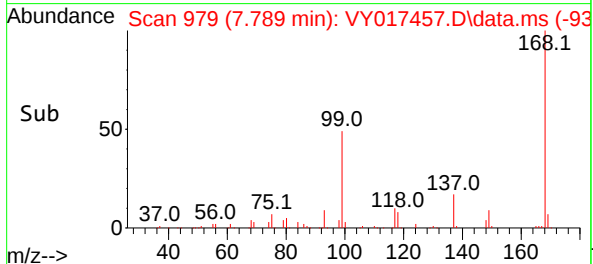
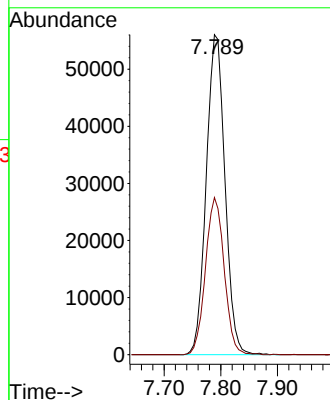
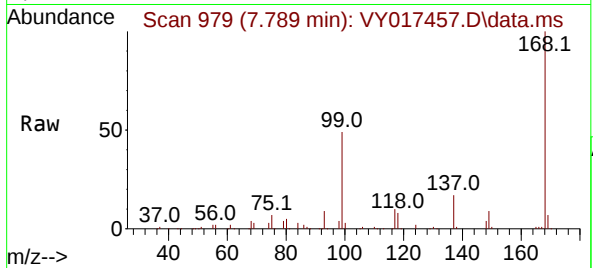




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017457.D
Acq: 22 Feb 2024 14:49

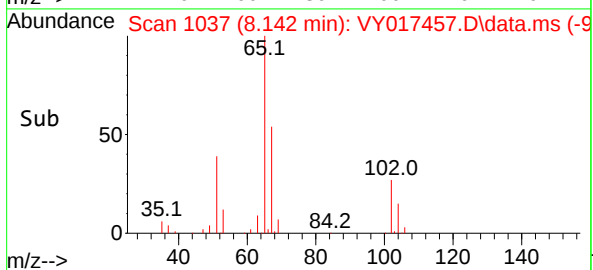
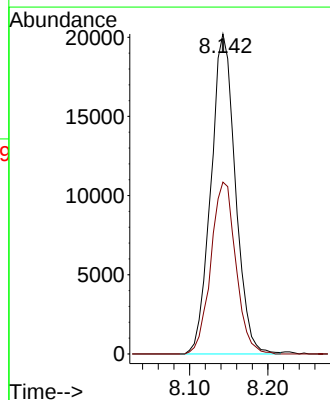
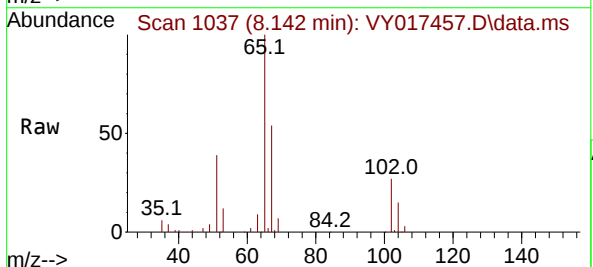
Instrument :
MSVOA_Y
ClientSampleId :
5

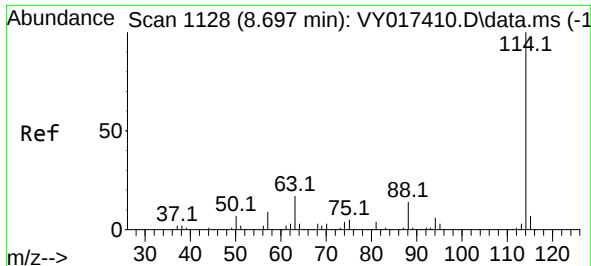
Tgt Ion:168 Resp: 128518
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.920 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017457.D
Acq: 22 Feb 2024 14:49

Tgt Ion: 65 Resp: 43829
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017457.D

Acq: 22 Feb 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

5

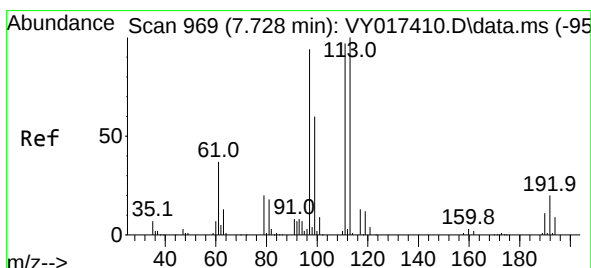
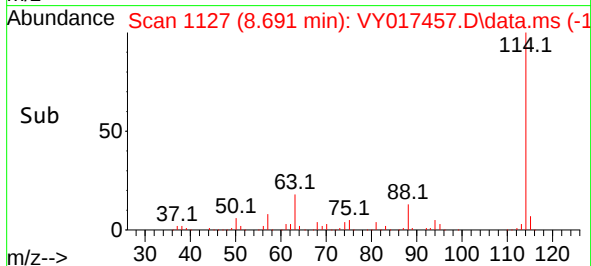
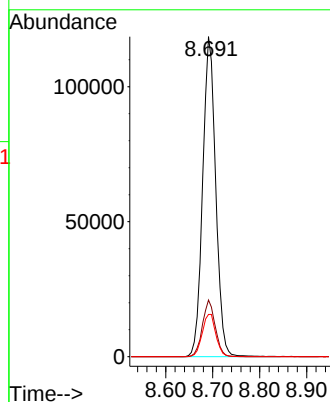
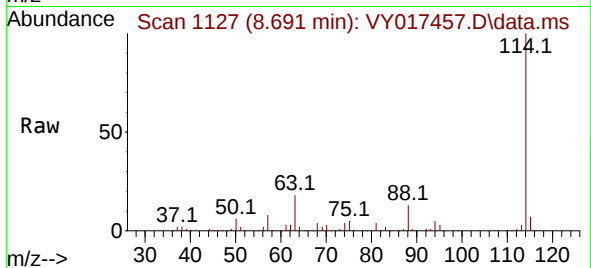
Tgt Ion:114 Resp: 228259

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 39.696 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017457.D

Acq: 22 Feb 2024 14:49

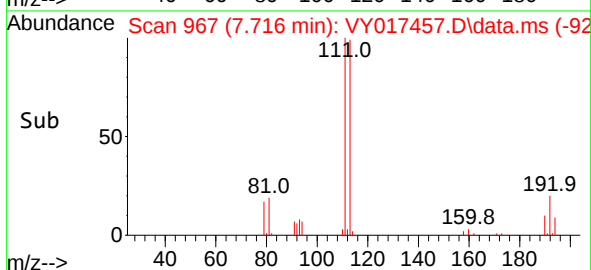
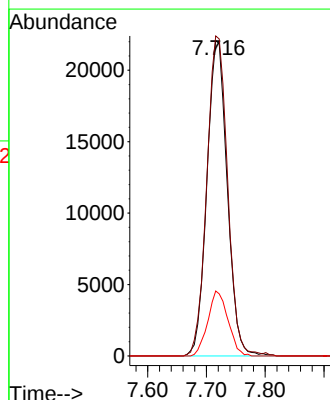
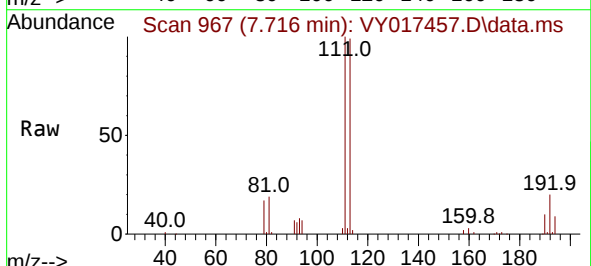
Tgt Ion:113 Resp: 53040

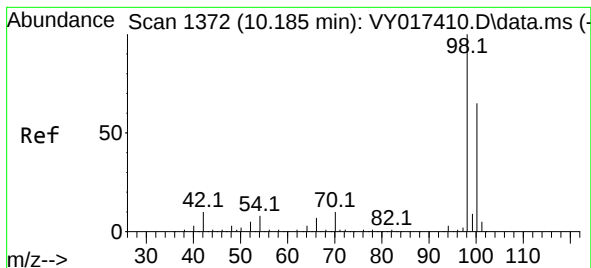
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 20.5 15.9 23.9





#50

Toluene-d8

Concen: 37.575 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017457.D

Acq: 22 Feb 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

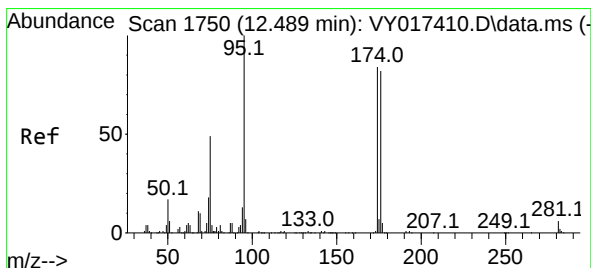
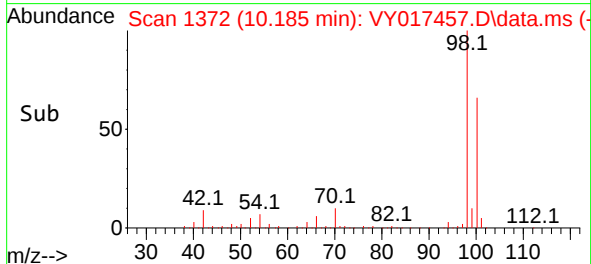
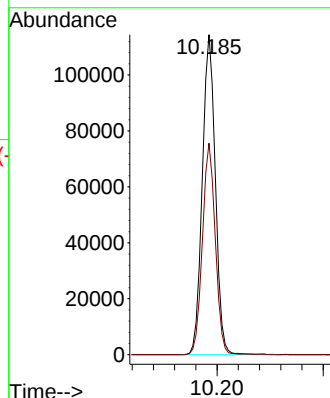
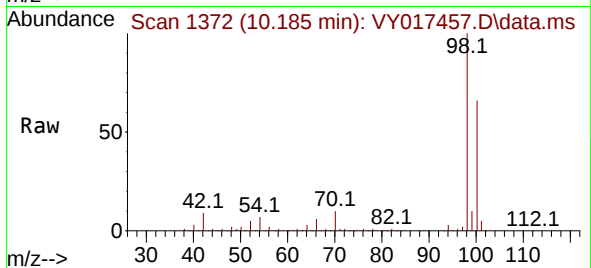
5

Tgt Ion: 98 Resp: 194713

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.145 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017457.D

Acq: 22 Feb 2024 14:49

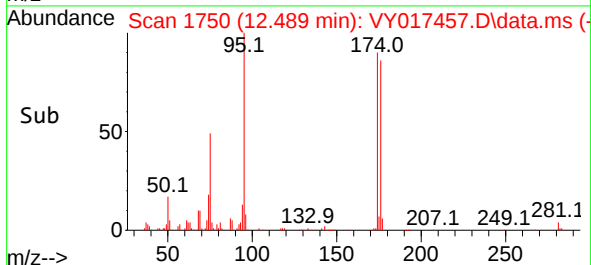
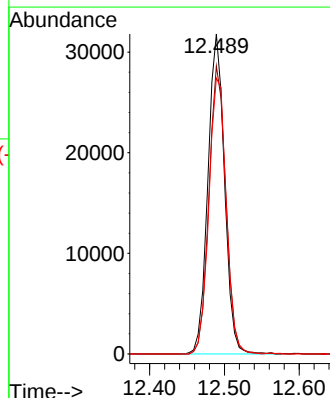
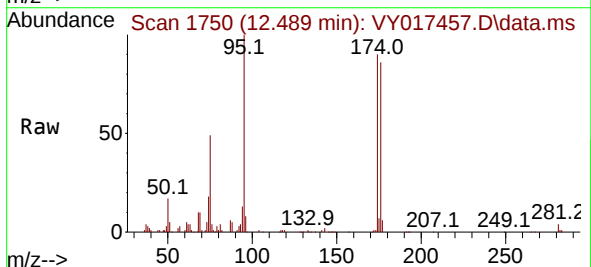
Tgt Ion: 95 Resp: 49080

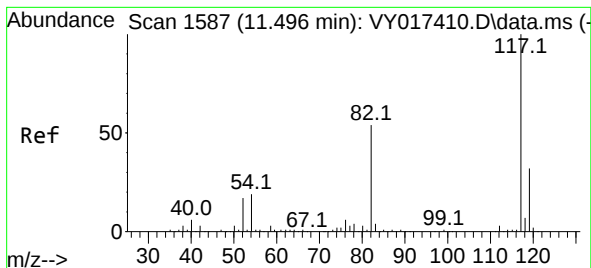
Ion Ratio Lower Upper

95 100

174 91.9 0.0 175.6

176 90.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017457.D

Acq: 22 Feb 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

5

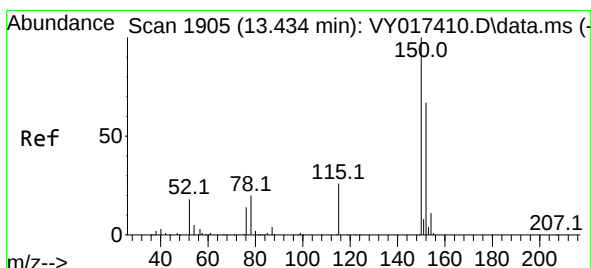
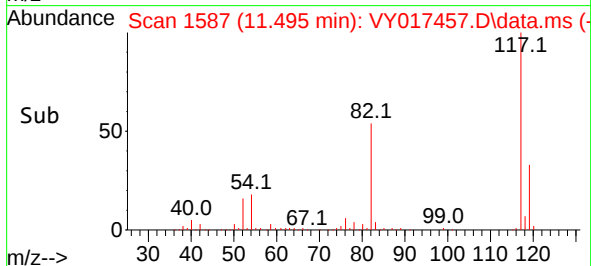
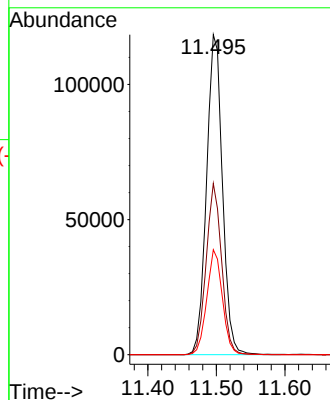
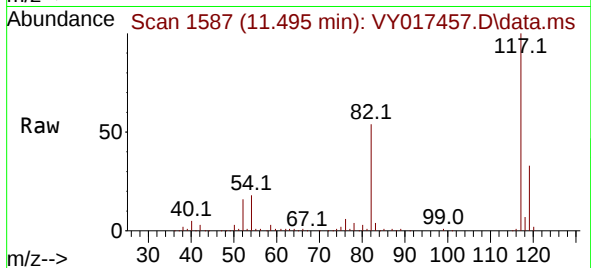
Tgt Ion:117 Resp: 191576

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

119 32.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017457.D

Acq: 22 Feb 2024 14:49

Tgt Ion:152 Resp: 70913

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 157.9 0.0 345.6

