

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017190.D
 Acq On : 02 Feb 2024 17:35
 Operator : SY/MD
 Sample : P1311-07RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Feb 02 22:32:58 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	7.795	168	24257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	42901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	39129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	12434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10486	48.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.780%
35) Dibromofluoromethane	7.722	113	11433	49.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.185	98	36856	43.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.400%
62) 4-Bromofluorobenzene	12.489	95	10225	37.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.020%

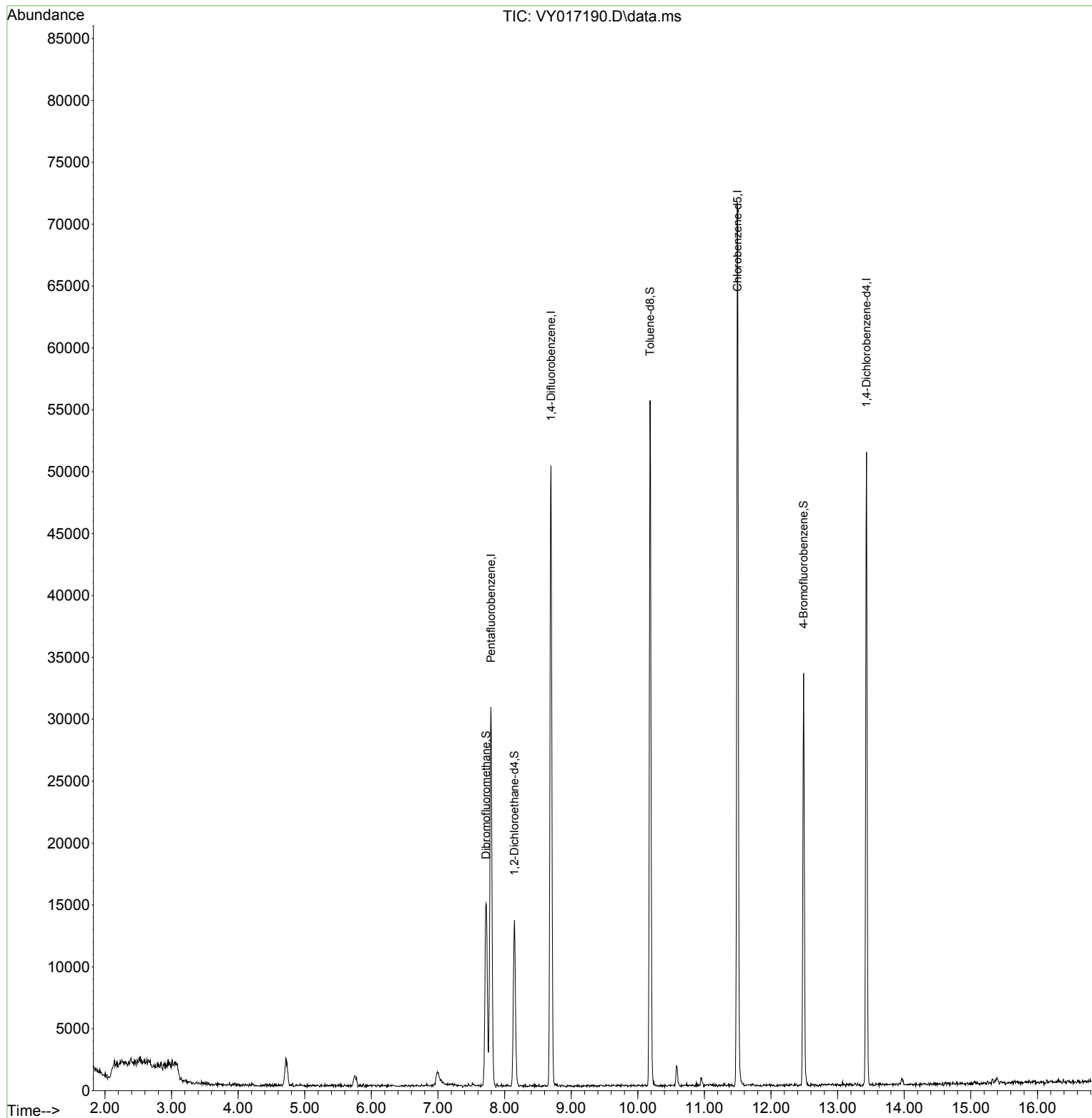
Target Compounds	Qvalue

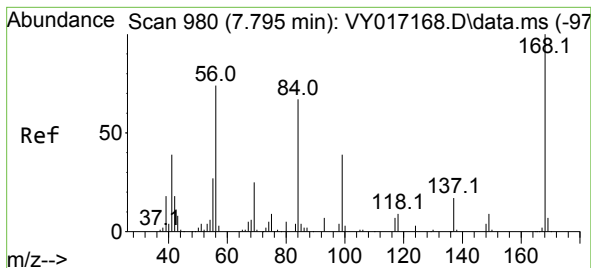
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

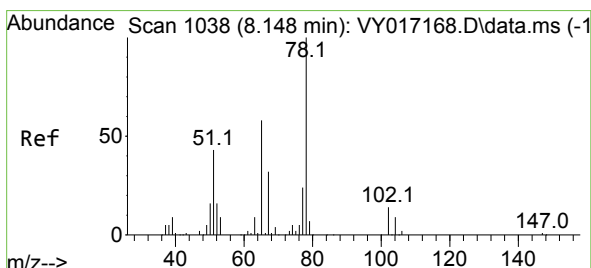
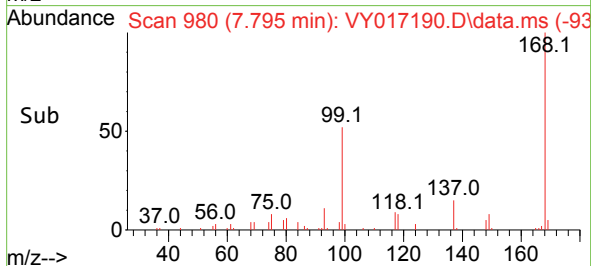
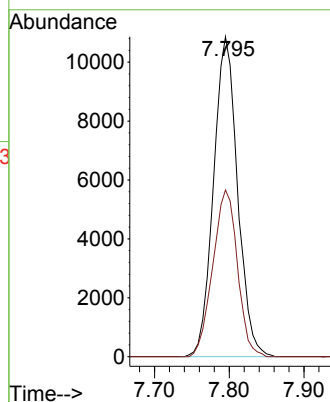
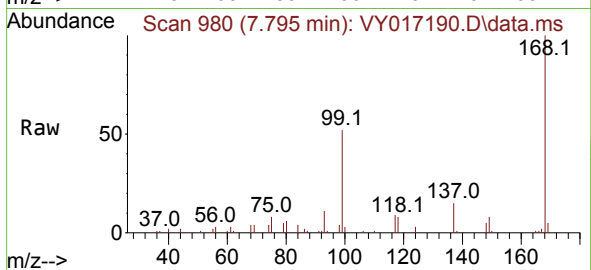
TP-4RE

Tgt Ion:168 Resp: 24257

Ion Ratio Lower Upper

168 100

99 52.1 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 48.390 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017190.D

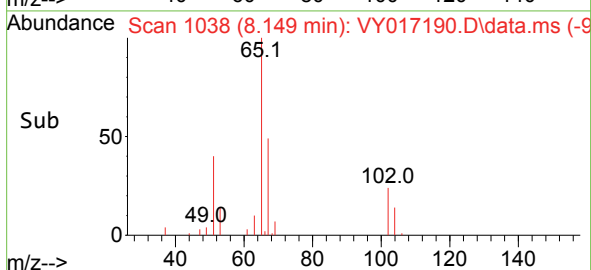
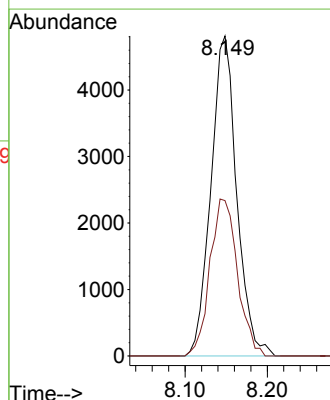
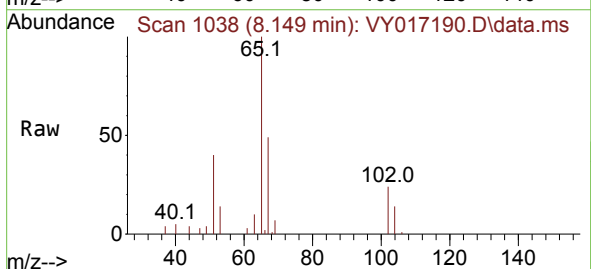
Acq: 02 Feb 2024 17:35

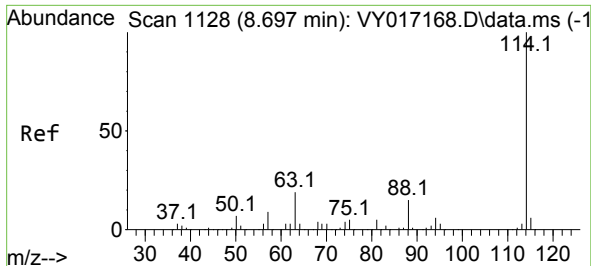
Tgt Ion: 65 Resp: 10486

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

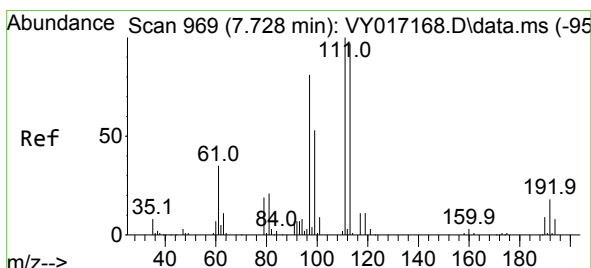
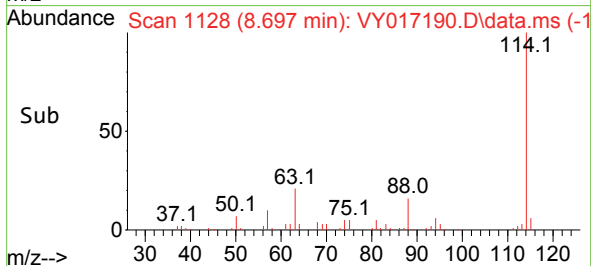
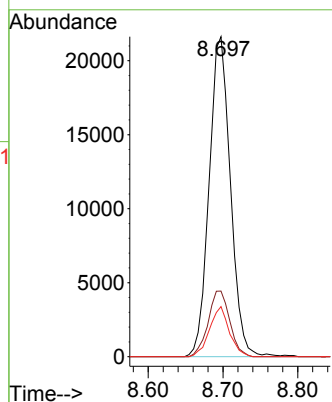
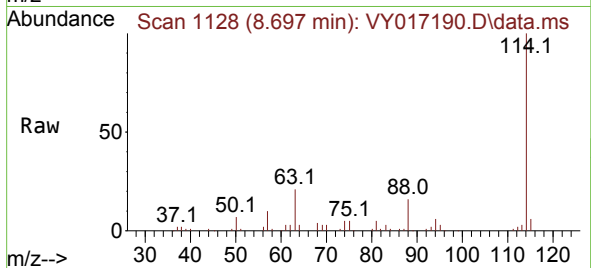
Tgt Ion:114 Resp: 42901

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

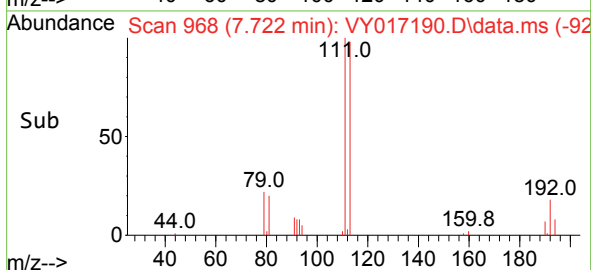
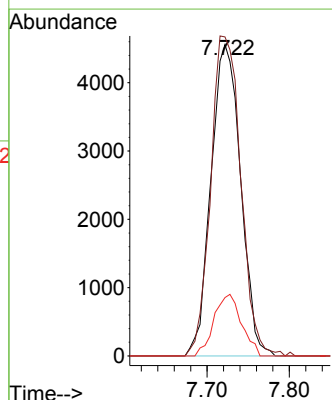
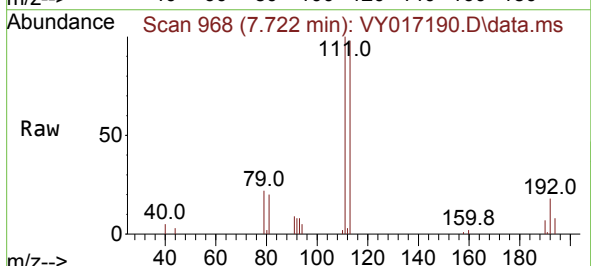
Tgt Ion:113 Resp: 11433

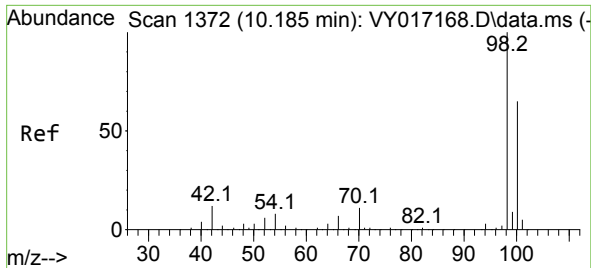
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.3 14.5 21.7

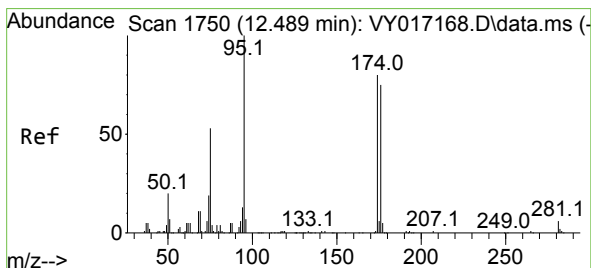
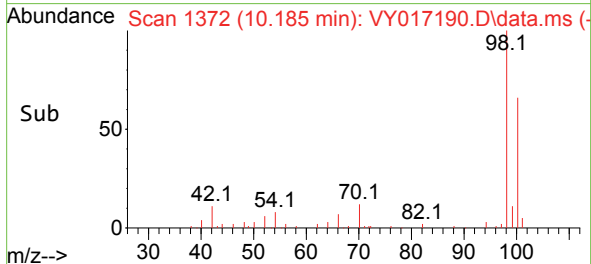
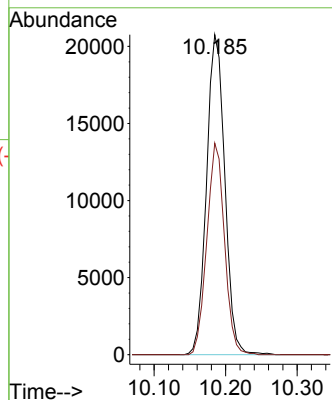
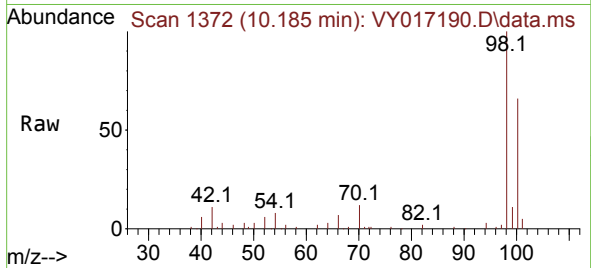




#50
Toluene-d8
Concen: 43.701 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

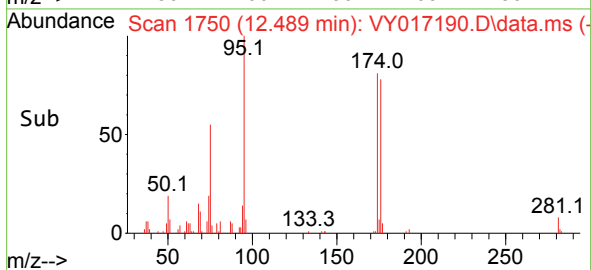
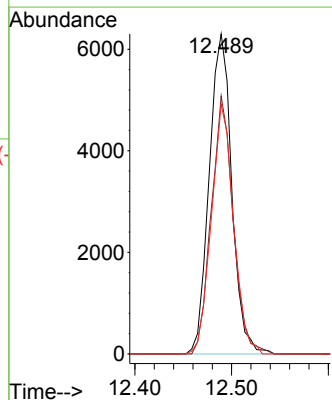
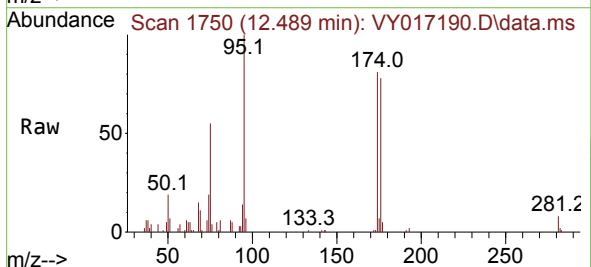
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

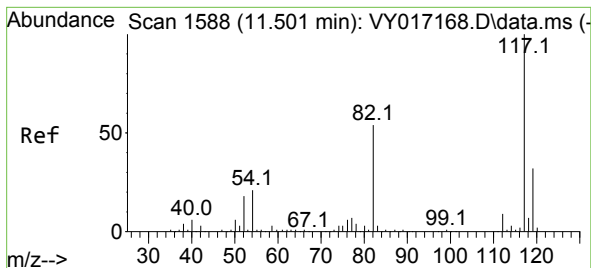
Tgt Ion: 98 Resp: 36856
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.010 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017190.D
Acq: 02 Feb 2024 17:35

Tgt Ion: 95 Resp: 10225
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 76.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

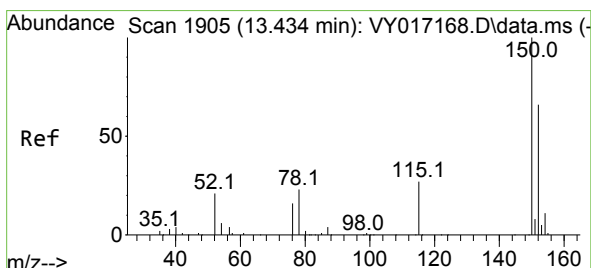
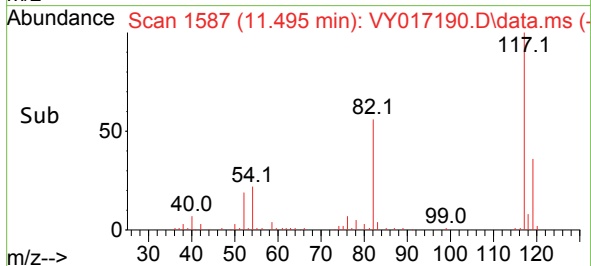
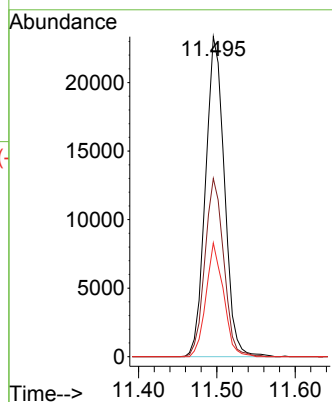
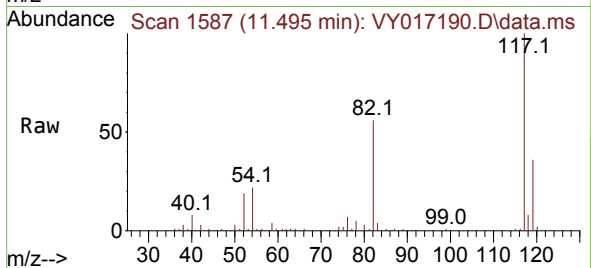
Tgt Ion:117 Resp: 39129

Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 35.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017190.D

Acq: 02 Feb 2024 17:35

Tgt Ion:152 Resp: 12434

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 164.5 0.0 344.6

