

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017059.D
 Acq On : 19 Jan 2024 16:32
 Operator : SY/MD
 Sample : P1181-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-011824

Quant Time: Jan 19 22:24:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	16289	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	29724	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	27101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	8751	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	6782	42.126	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.260%
35) Dibromofluoromethane	7.740	113	7586	40.050	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.203	98	26026	39.902	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.800%
62) 4-Bromofluorobenzene	12.501	95	7424	33.736	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.480%

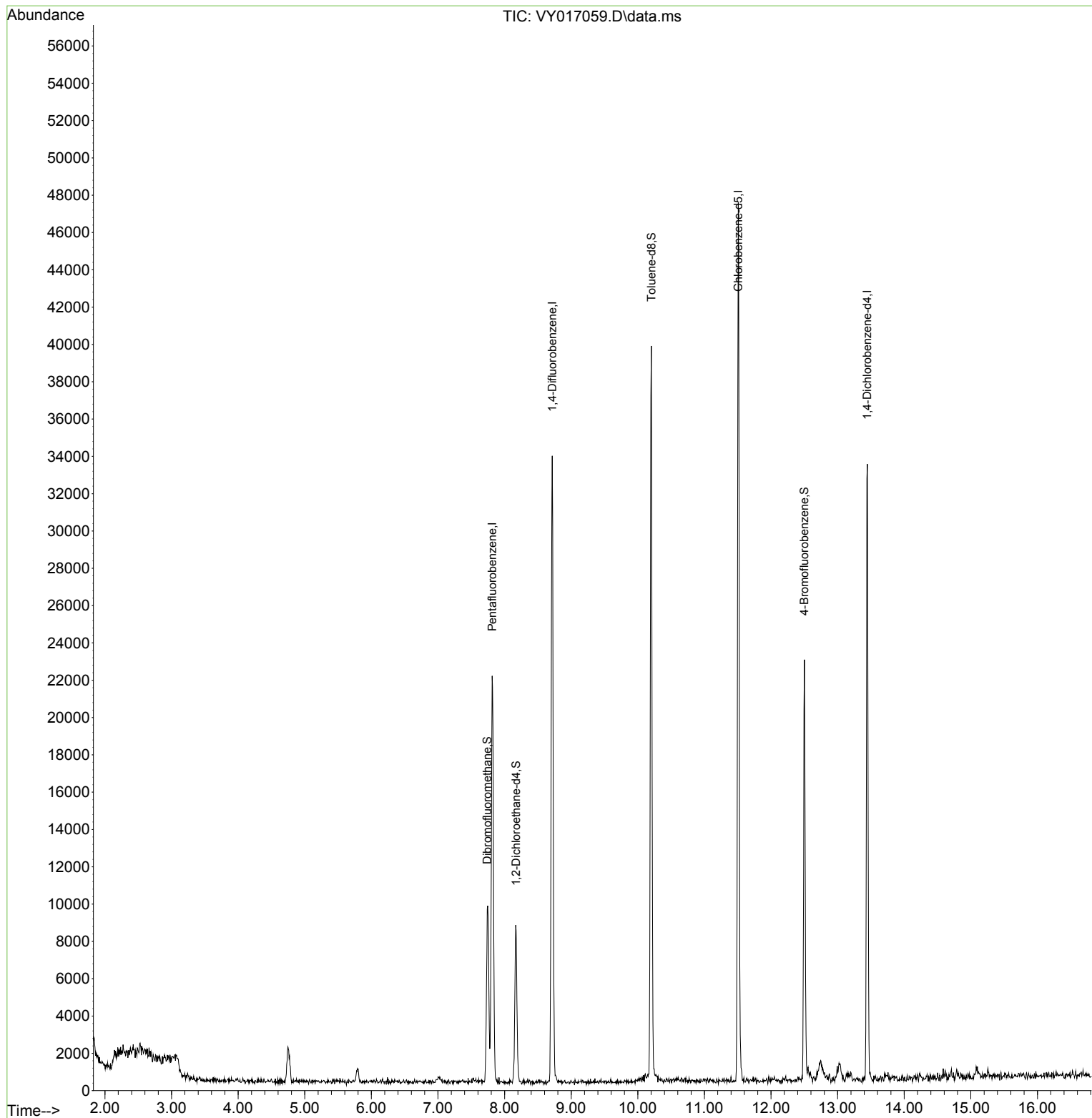
Target Compounds	Qvalue

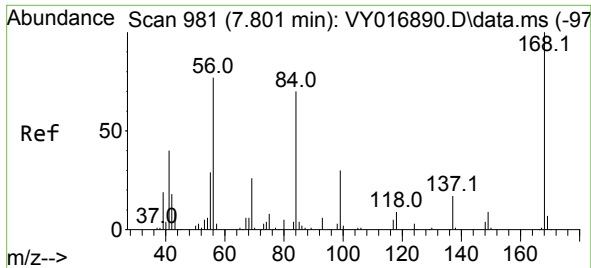
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
Data File : VY017059.D
Acq On : 19 Jan 2024 16:32
Operator : SY/MD
Sample : P1181-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

Quant Time: Jan 19 22:24:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

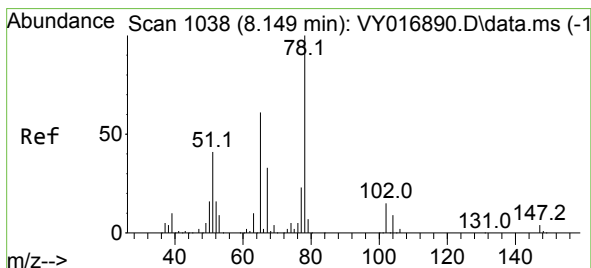
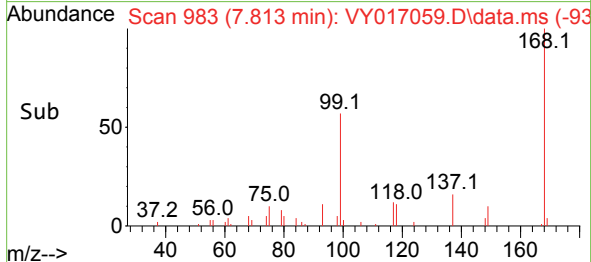
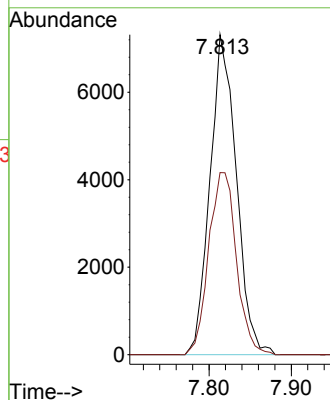
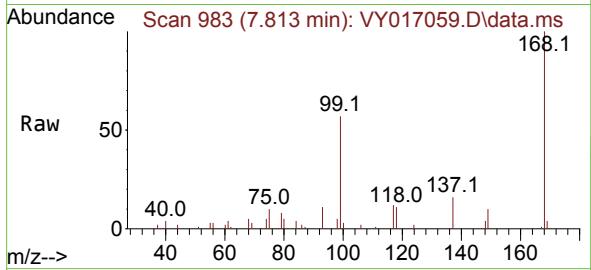




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

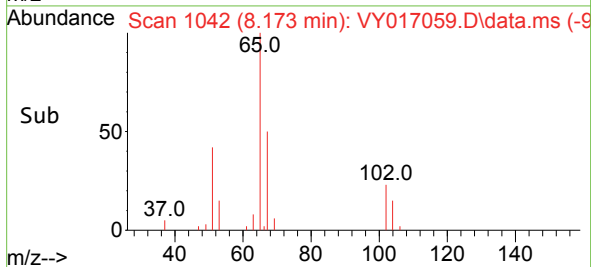
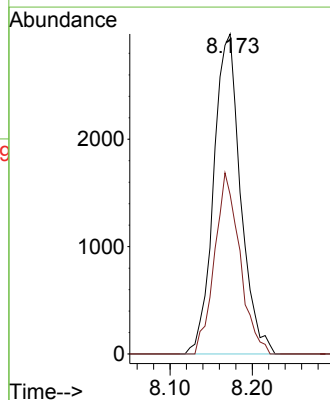
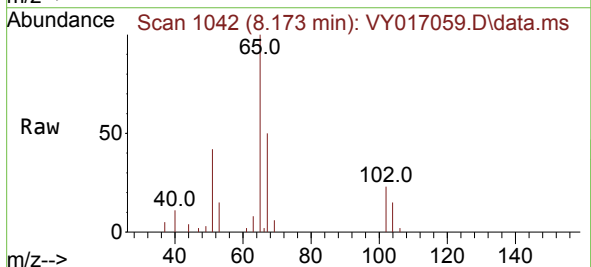
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011824

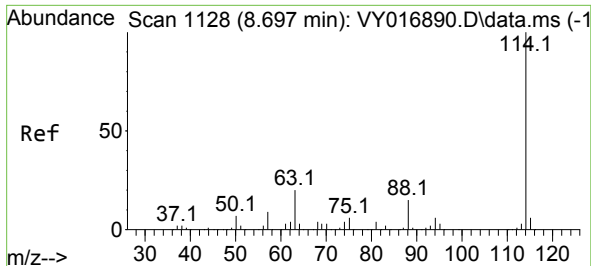
Tgt Ion:168 Resp: 16289
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 42.126 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017059.D
Acq: 19 Jan 2024 16:32

Tgt Ion: 65 Resp: 6782
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011824

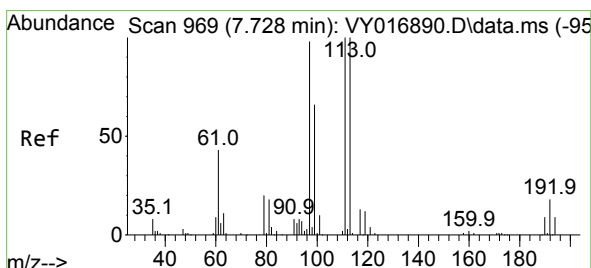
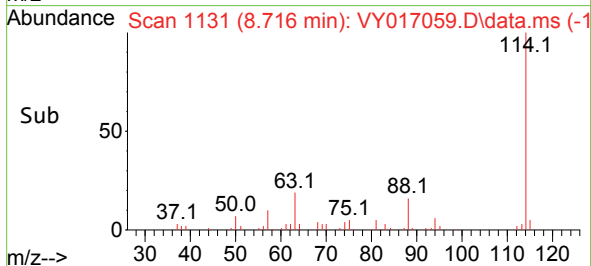
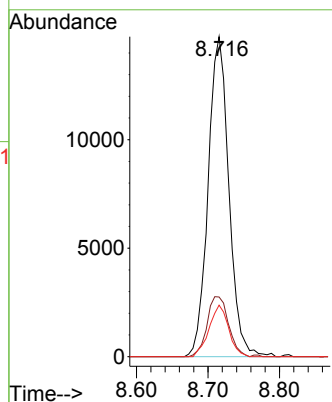
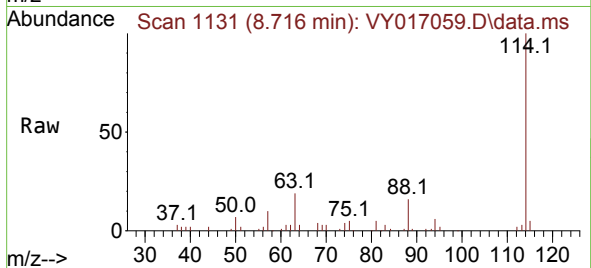
Tgt Ion:114 Resp: 29724

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.050 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

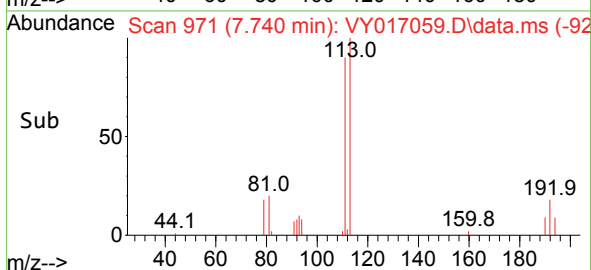
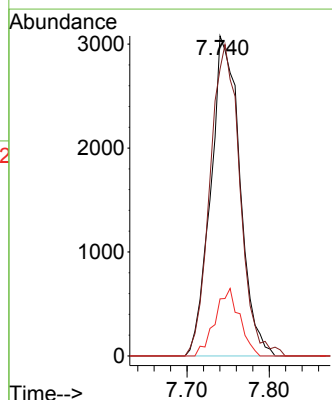
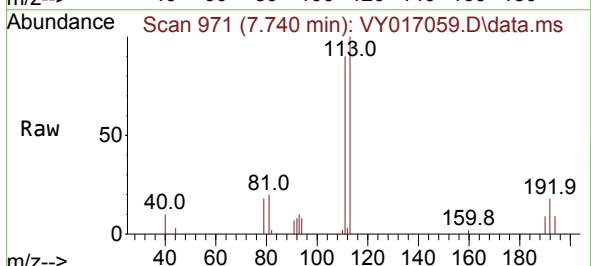
Tgt Ion:113 Resp: 7586

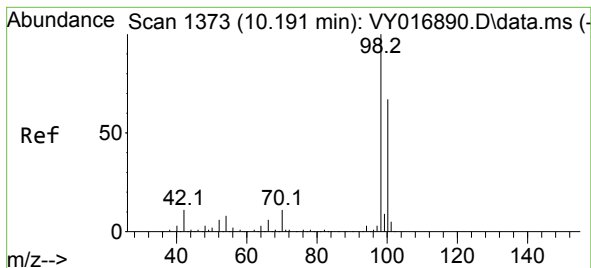
Ion Ratio Lower Upper

113 100

111 99.7 83.8 125.6

192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 39.902 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

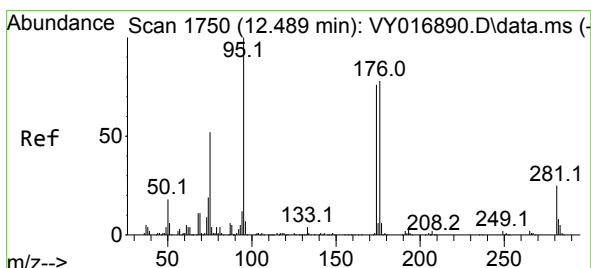
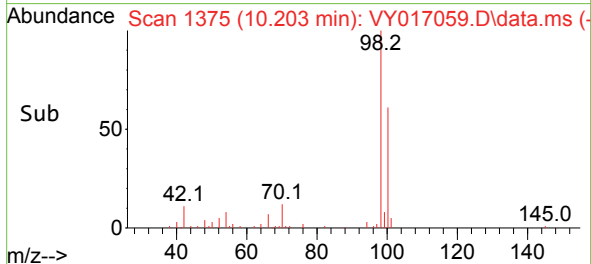
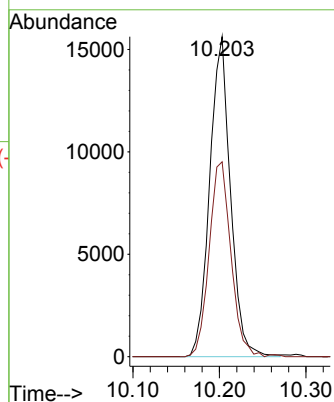
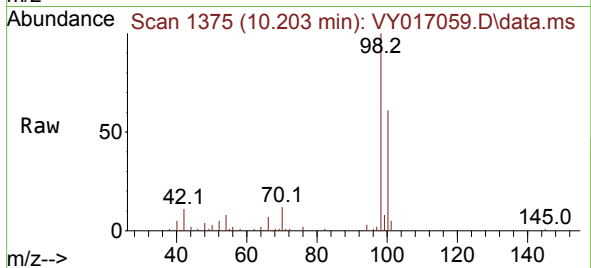
TR-05-011824

Tgt Ion: 98 Resp: 26026

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 33.736 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

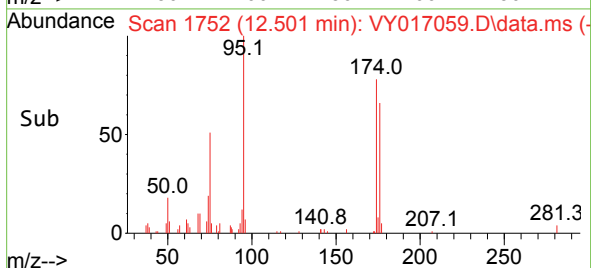
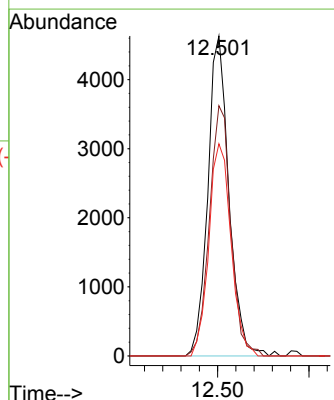
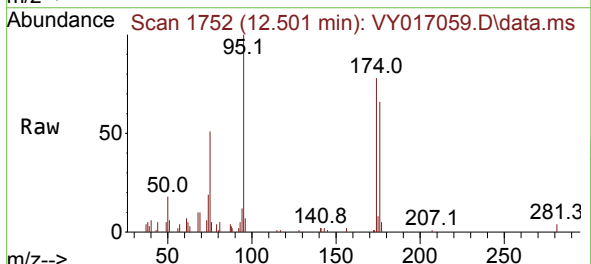
Tgt Ion: 95 Resp: 7424

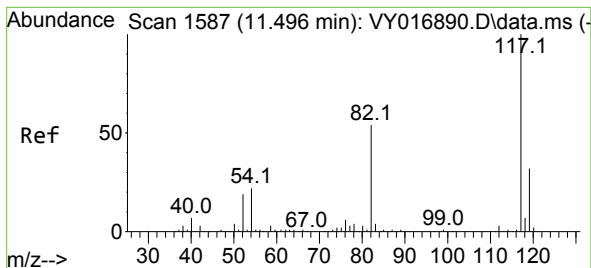
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.0

176 69.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011824

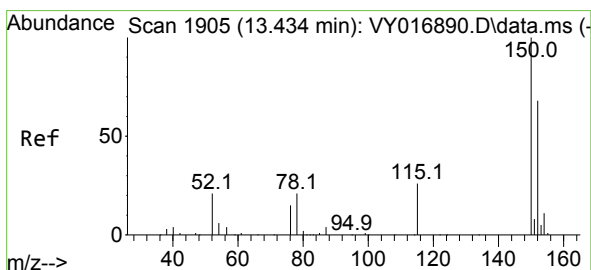
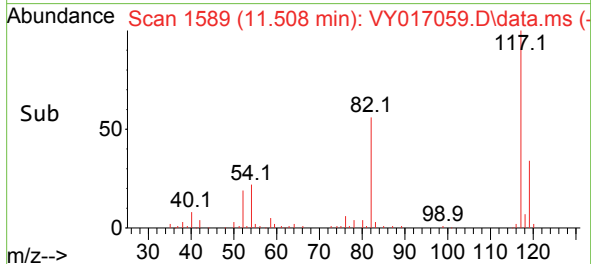
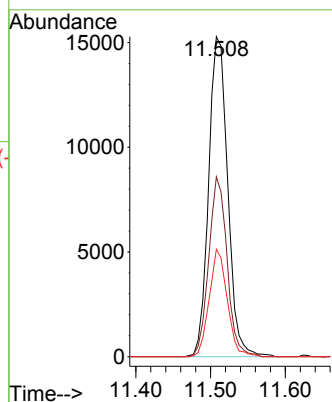
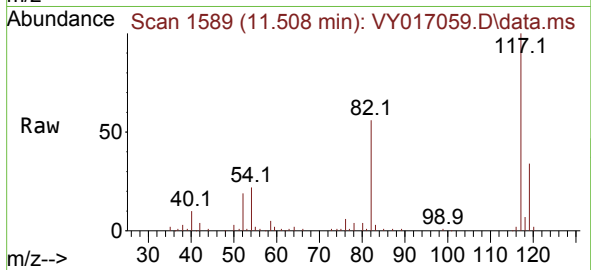
Tgt Ion:117 Resp: 27101

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 33.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017059.D

Acq: 19 Jan 2024 16:32

Tgt Ion:152 Resp: 8751

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.1 0.0 344.6

