

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018034.D
 Acq On : 24 Apr 2024 12:50
 Operator : SY/MD
 Sample : P2247-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-04232024

Quant Time: Apr 25 01:34:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	11294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	14570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4254	43.526	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.060%
35) Dibromofluoromethane	7.716	113	4883	54.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.640%
50) Toluene-d8	10.179	98	14879	43.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.240%
62) 4-Bromofluorobenzene	12.483	95	2464	23.326	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.660%

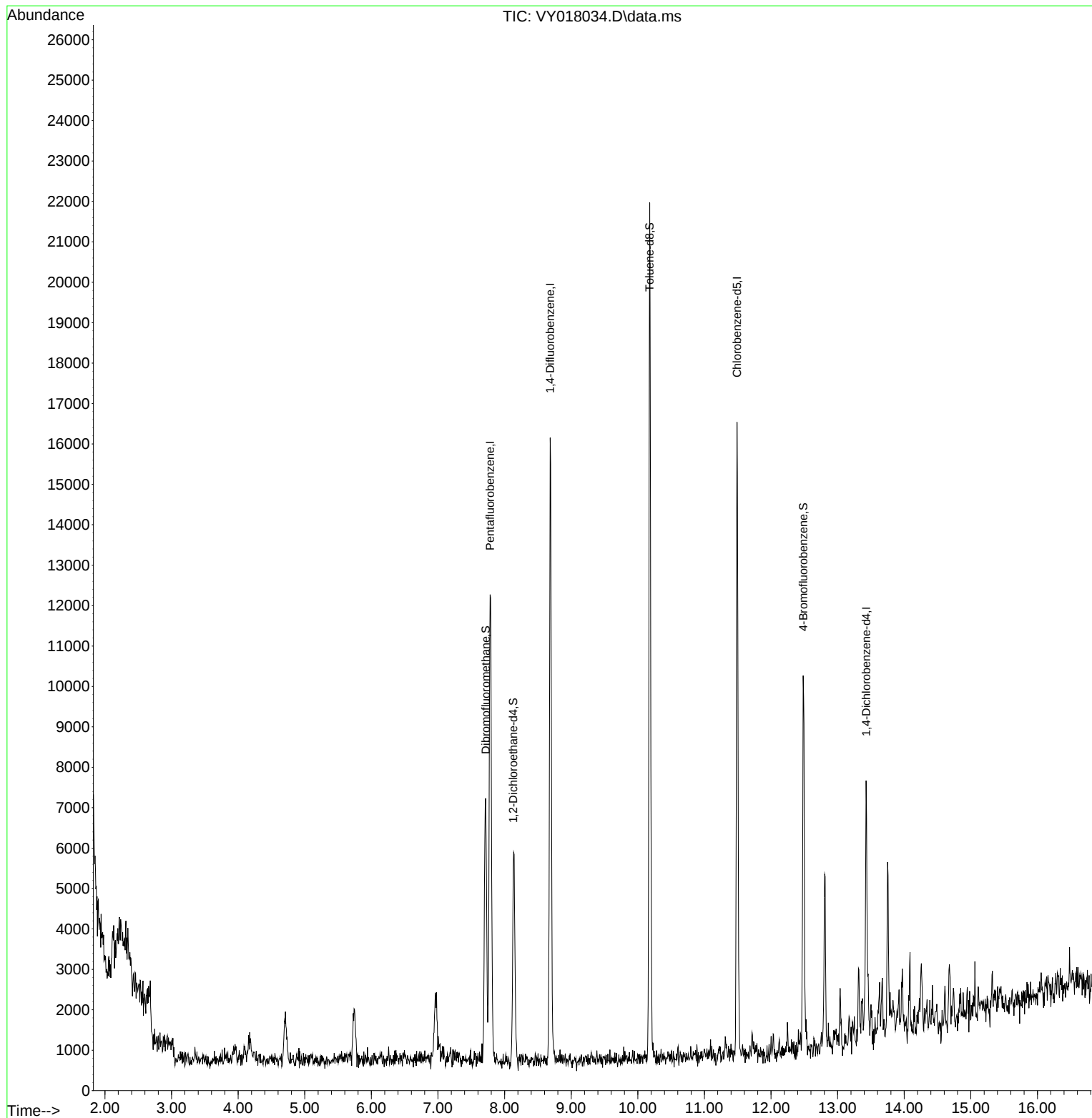
Target Compounds	Qvalue

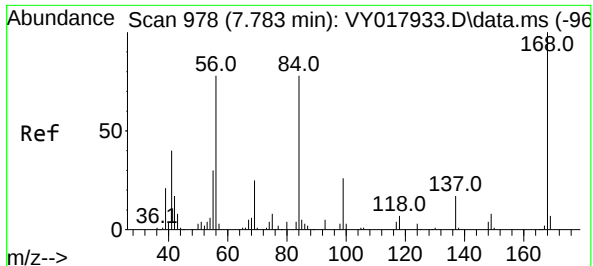
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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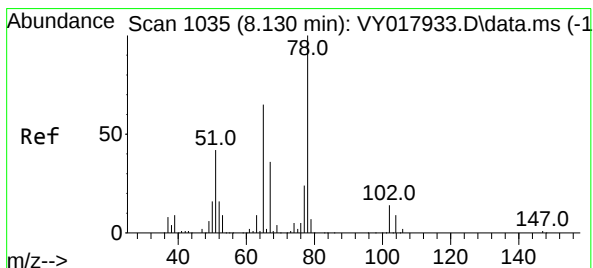
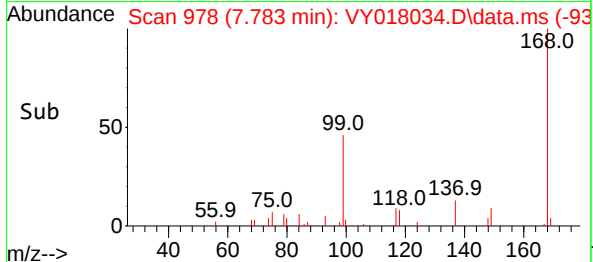
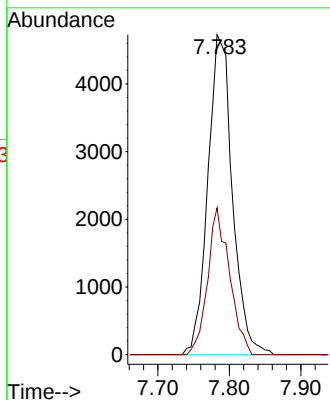
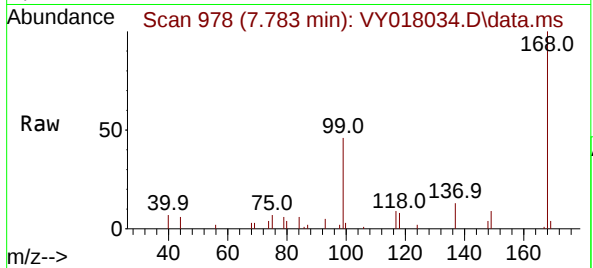




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018034.D
Acq: 24 Apr 2024 12:50

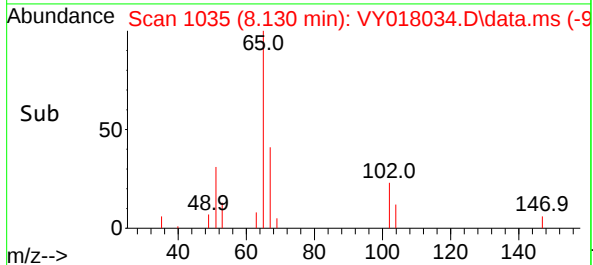
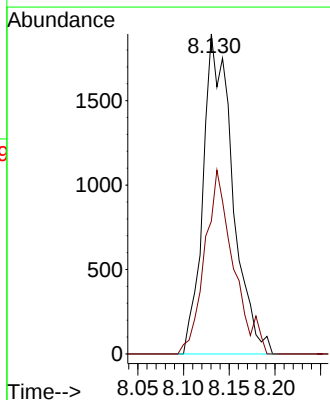
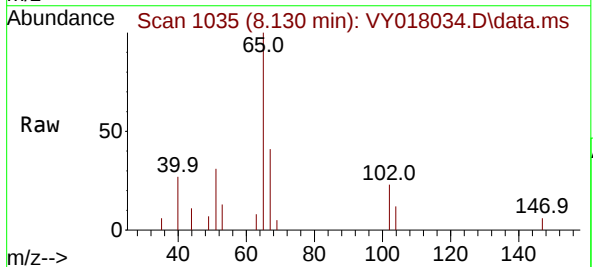
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-04232024

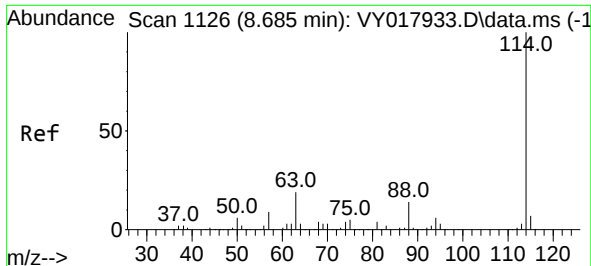
Tgt Ion:168 Resp: 11294
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.526 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY018034.D
Acq: 24 Apr 2024 12:50

Tgt Ion: 65 Resp: 4254
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018034.D

Acq: 24 Apr 2024 12:50

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-04232024

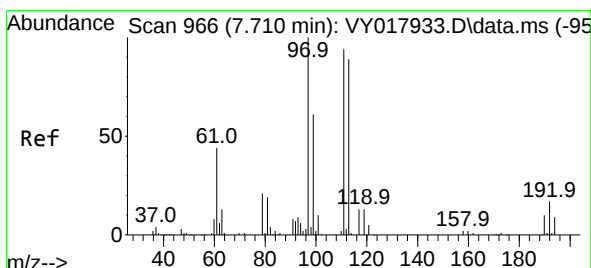
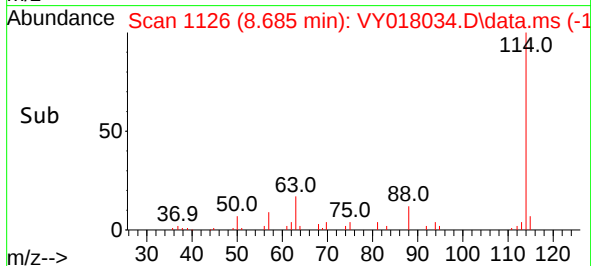
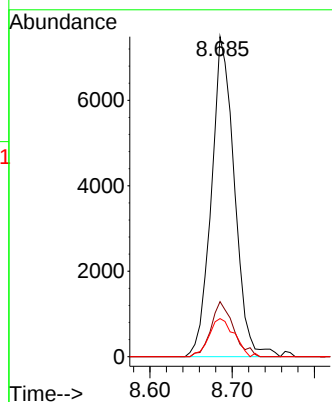
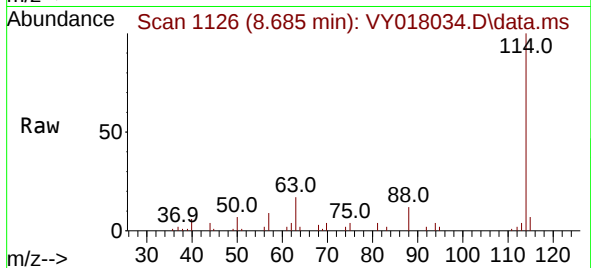
Tgt Ion:114 Resp: 14570

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 11.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.323 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018034.D

Acq: 24 Apr 2024 12:50

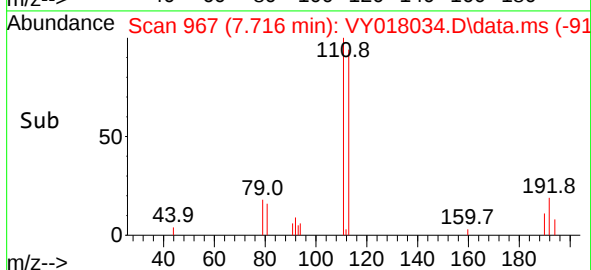
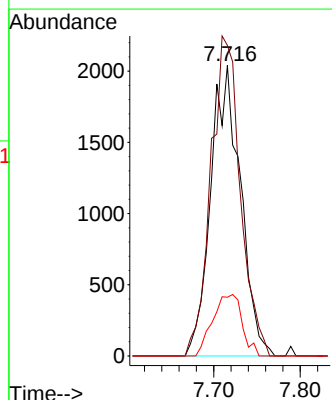
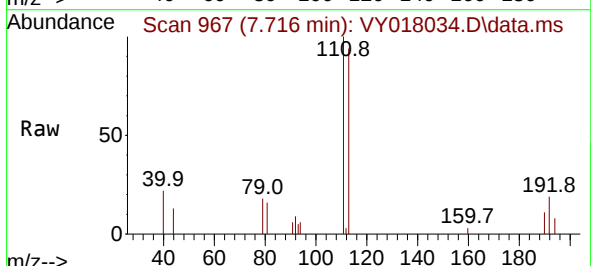
Tgt Ion:113 Resp: 4883

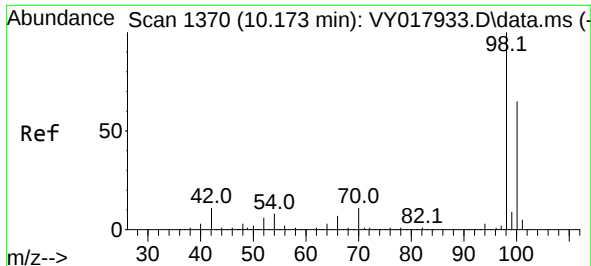
Ion Ratio Lower Upper

113 100

111 108.7 82.2 123.4

192 20.8 15.9 23.9





#50

Toluene-d8

Concen: 43.623 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018034.D

Acq: 24 Apr 2024 12:50

Instrument :

MSVOA_Y

ClientSampleId :

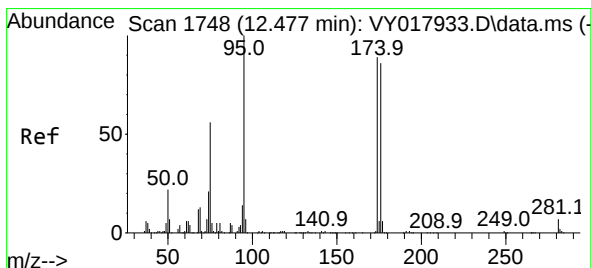
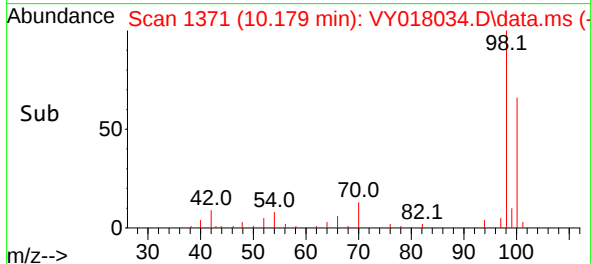
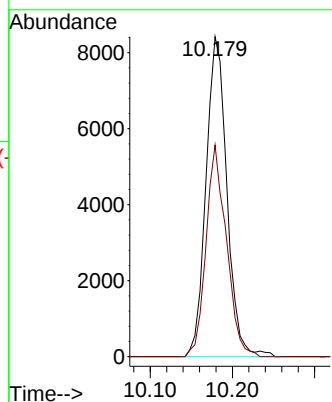
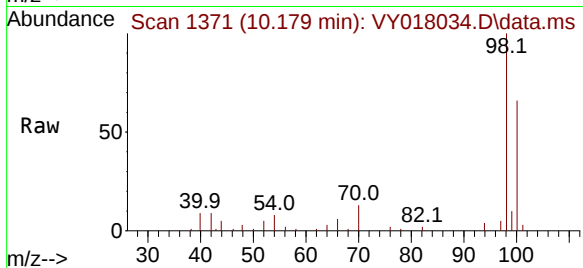
PL-02-04232024

Tgt Ion: 98 Resp: 14879

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 23.326 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018034.D

Acq: 24 Apr 2024 12:50

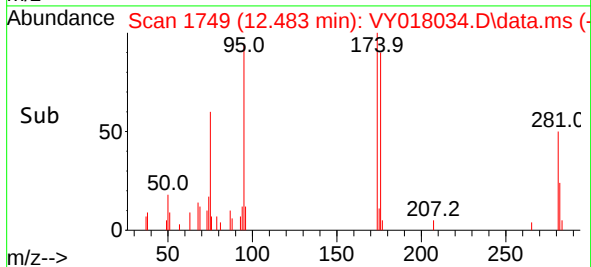
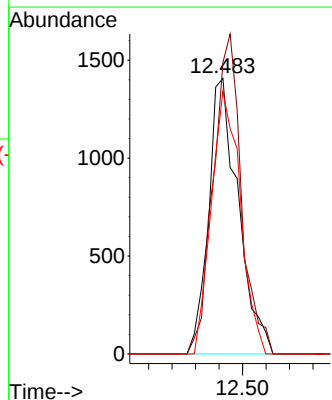
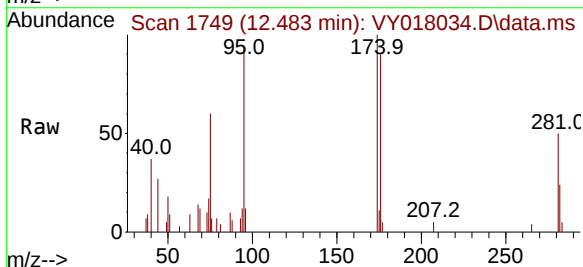
Tgt Ion: 95 Resp: 2464

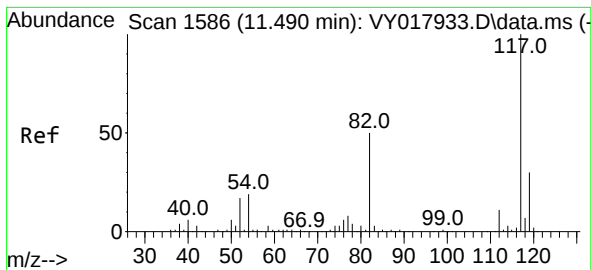
Ion Ratio Lower Upper

95 100

174 110.3 0.0 175.6

176 93.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018034.D

Acq: 24 Apr 2024 12:50

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-04232024

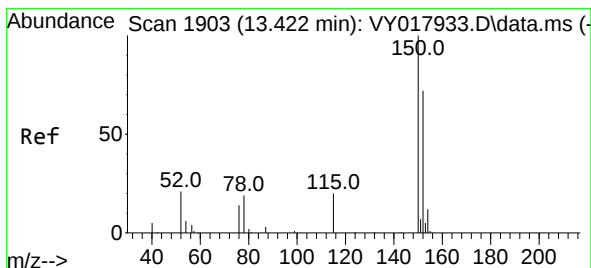
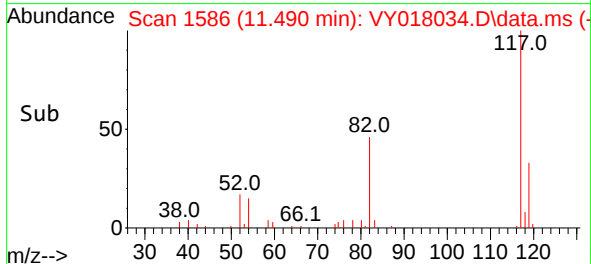
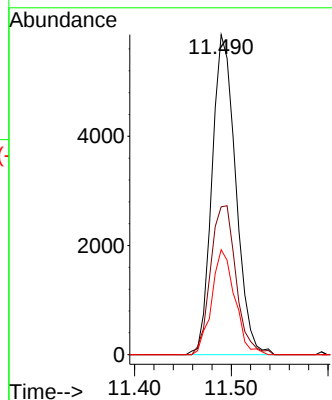
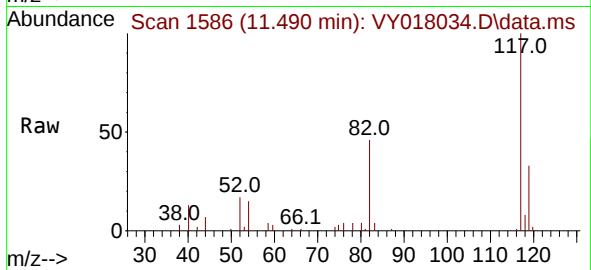
Tgt Ion:117 Resp: 9958

Ion Ratio Lower Upper

117 100

82 46.2 42.4 63.6

119 32.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018034.D

Acq: 24 Apr 2024 12:50

Tgt Ion:152 Resp: 2027

Ion Ratio Lower Upper

152 100

115 47.6 28.2 84.7

150 147.9 0.0 345.6

