

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018318.D
 Acq On : 17 May 2024 19:09
 Operator : SY/MD
 Sample : P2482-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-01-229

Quant Time: May 18 00:55:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	130293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	261434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	69985	73.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.020%	
35) Dibromofluoromethane	7.710	113	75994	55.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.620%	
50) Toluene-d8	10.179	98	303885	56.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.260%	
62) 4-Bromofluorobenzene	12.483	95	91739	52.468	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.940%	

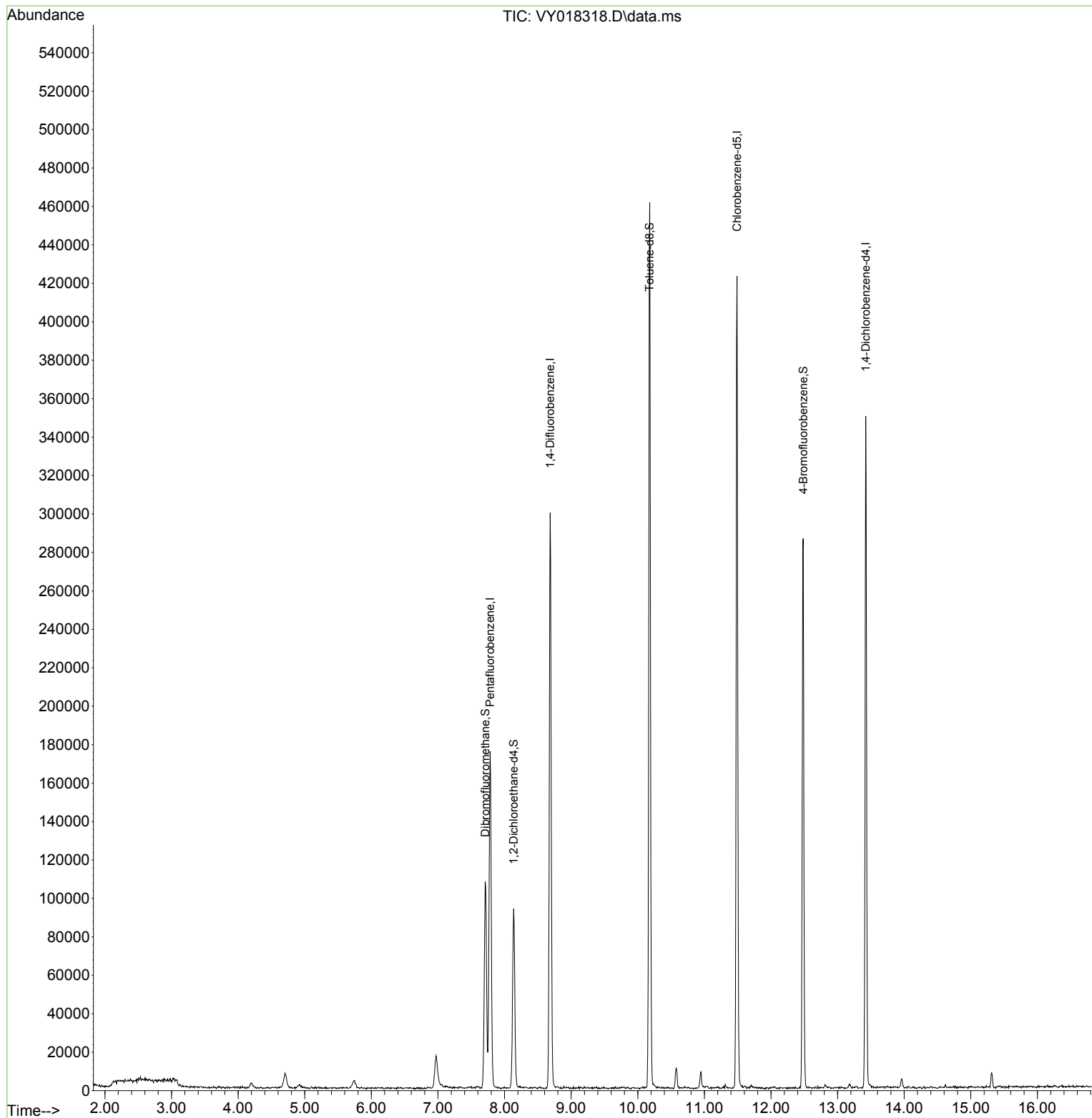
Target Compounds	Qvalue

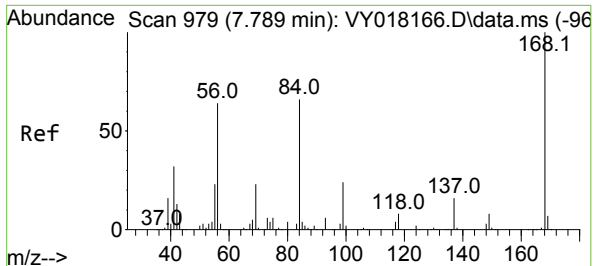
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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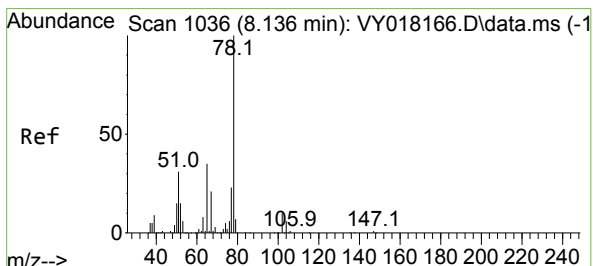
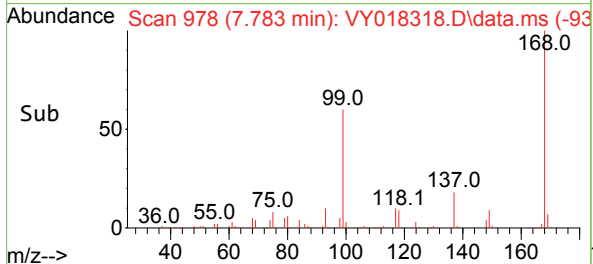
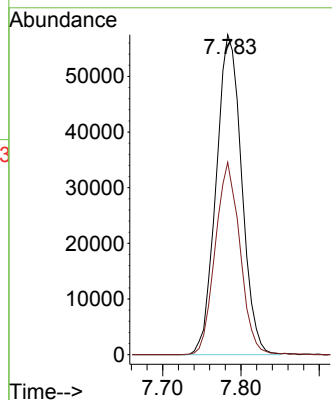
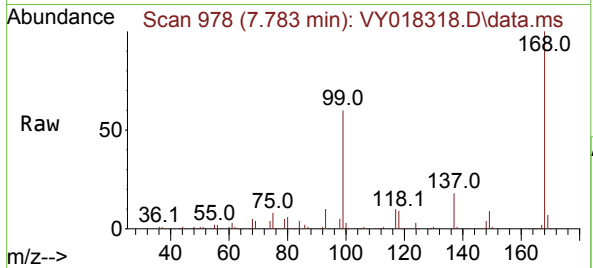




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

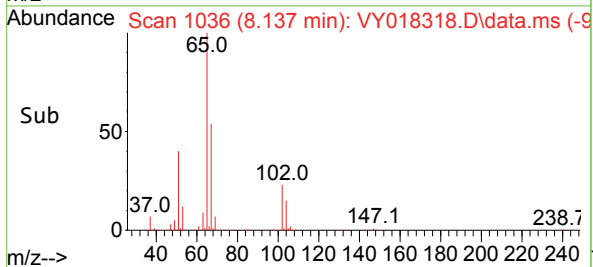
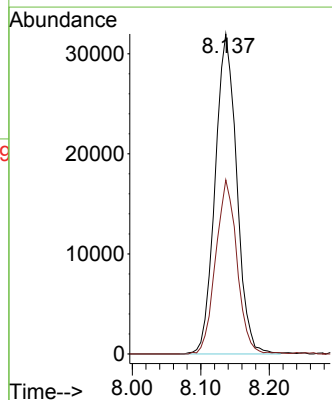
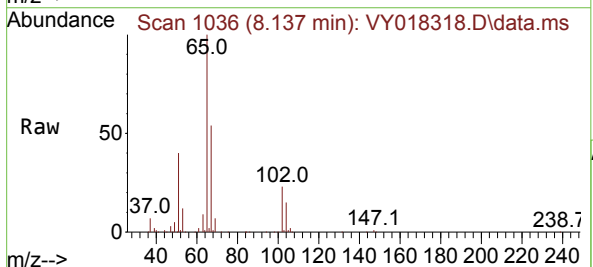
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

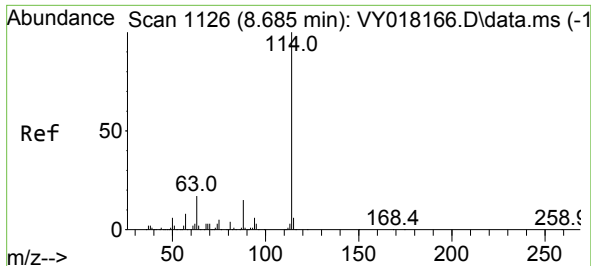
Tgt Ion:168 Resp: 130293
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 73.013 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 65 Resp: 69985
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018318.D

Acq: 17 May 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

P-01-229

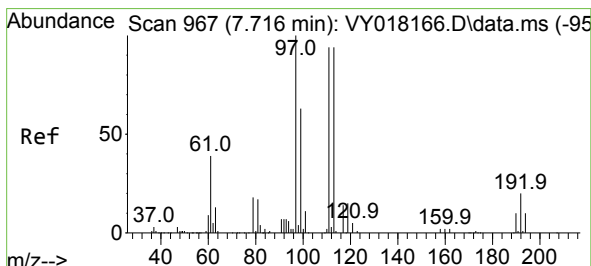
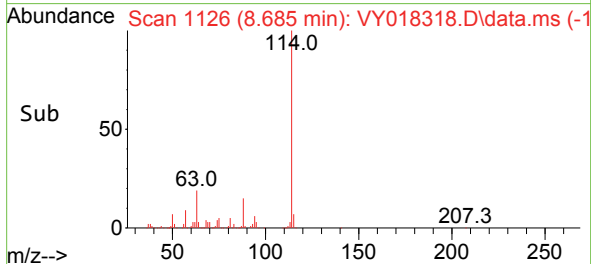
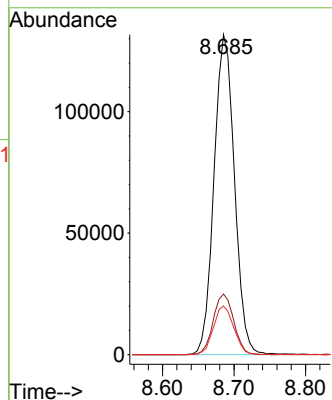
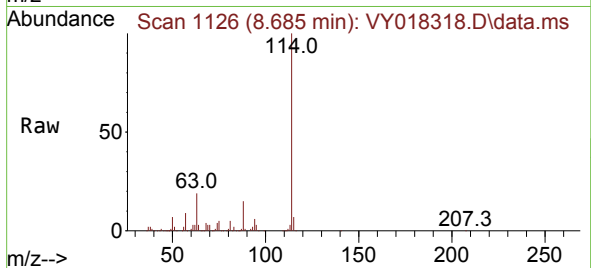
Tgt Ion:114 Resp: 261434

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.310 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018318.D

Acq: 17 May 2024 19:09

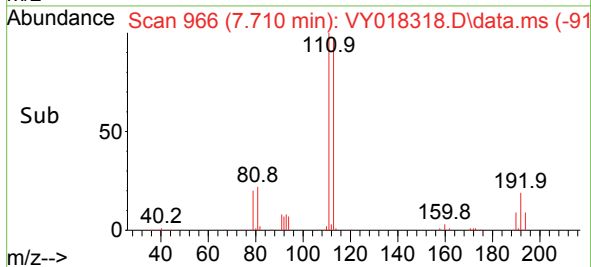
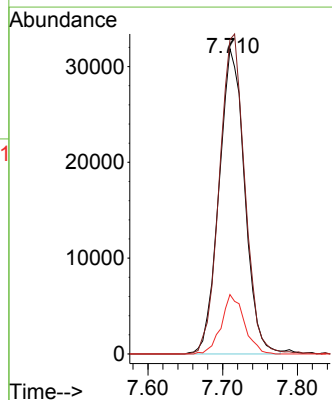
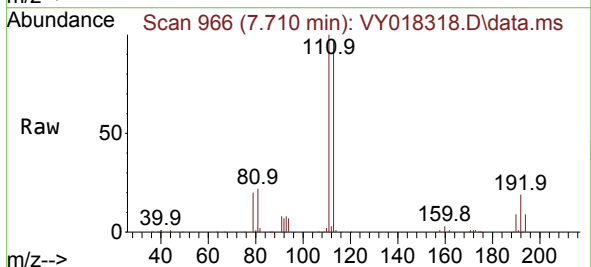
Tgt Ion:113 Resp: 75994

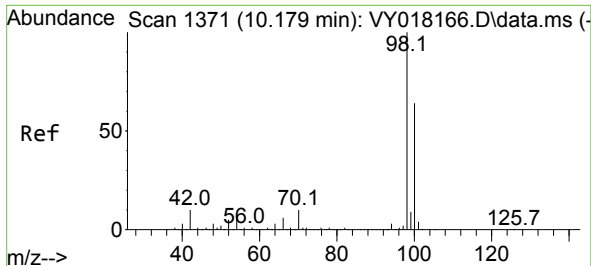
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 17.4 15.9 23.9

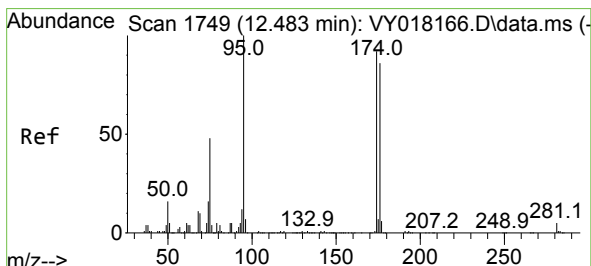
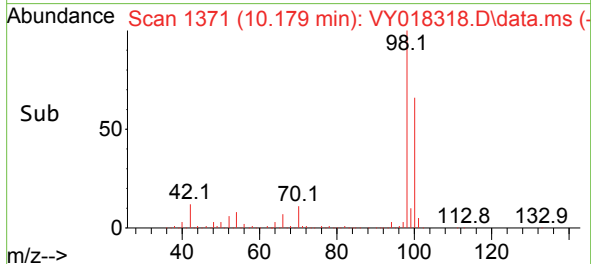
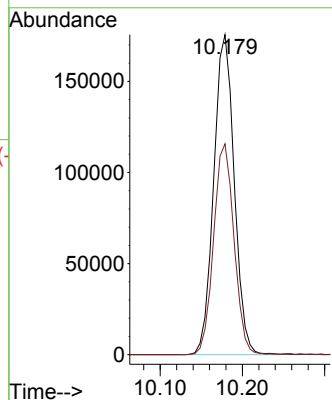
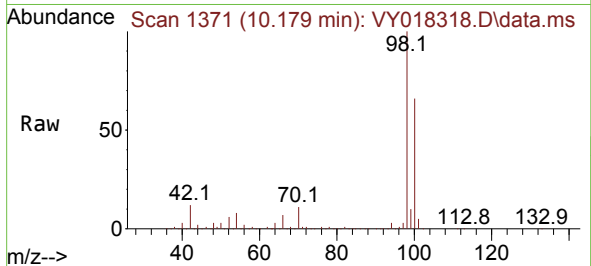




#50
Toluene-d8
Concen: 56.127 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

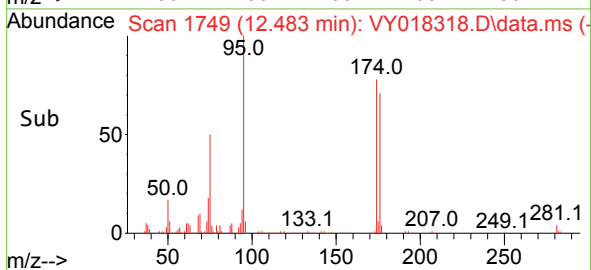
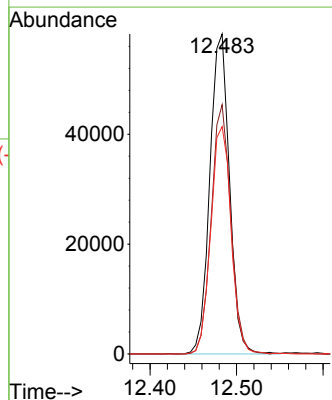
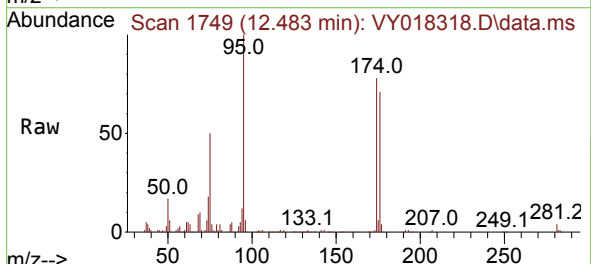
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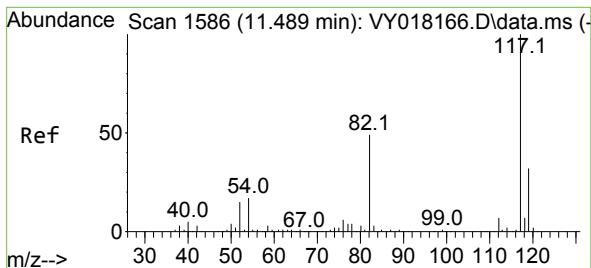
Tgt Ion: 98 Resp: 303885
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018318.D
Acq: 17 May 2024 19:09

Tgt Ion: 95 Resp: 91739
Ion Ratio Lower Upper
95 100
174 77.9 0.0 175.6
176 73.8 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: VY018318.D

Acq: 17 May 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

P-01-229

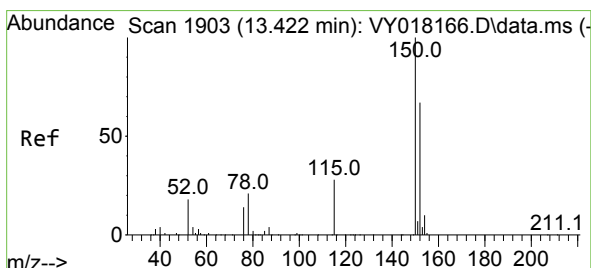
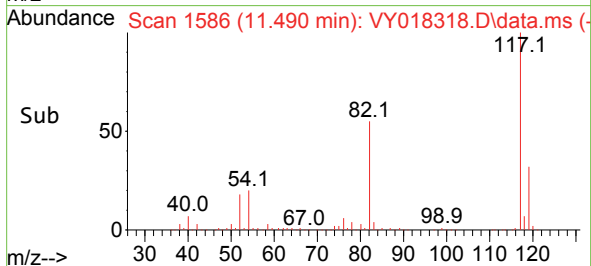
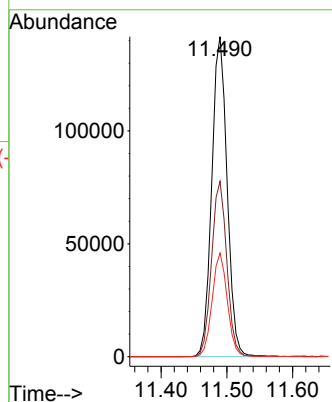
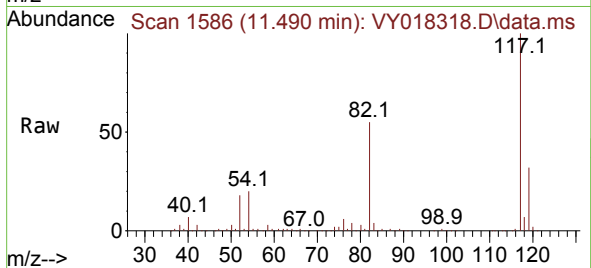
Tgt Ion:117 Resp: 230411

Ion Ratio Lower Upper

117 100

82 54.8 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018318.D

Acq: 17 May 2024 19:09

Tgt Ion:152 Resp: 84897

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 158.5 0.0 345.6

