

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018400.D
 Acq On : 29 May 2024 15:28
 Operator : SY/MD
 Sample : P2612-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200057

Quant Time: May 30 04:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	16563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8970	57.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.320%
35) Dibromofluoromethane	7.716	113	8897	50.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.179	98	34581	50.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.477	95	8455	39.846	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.700%

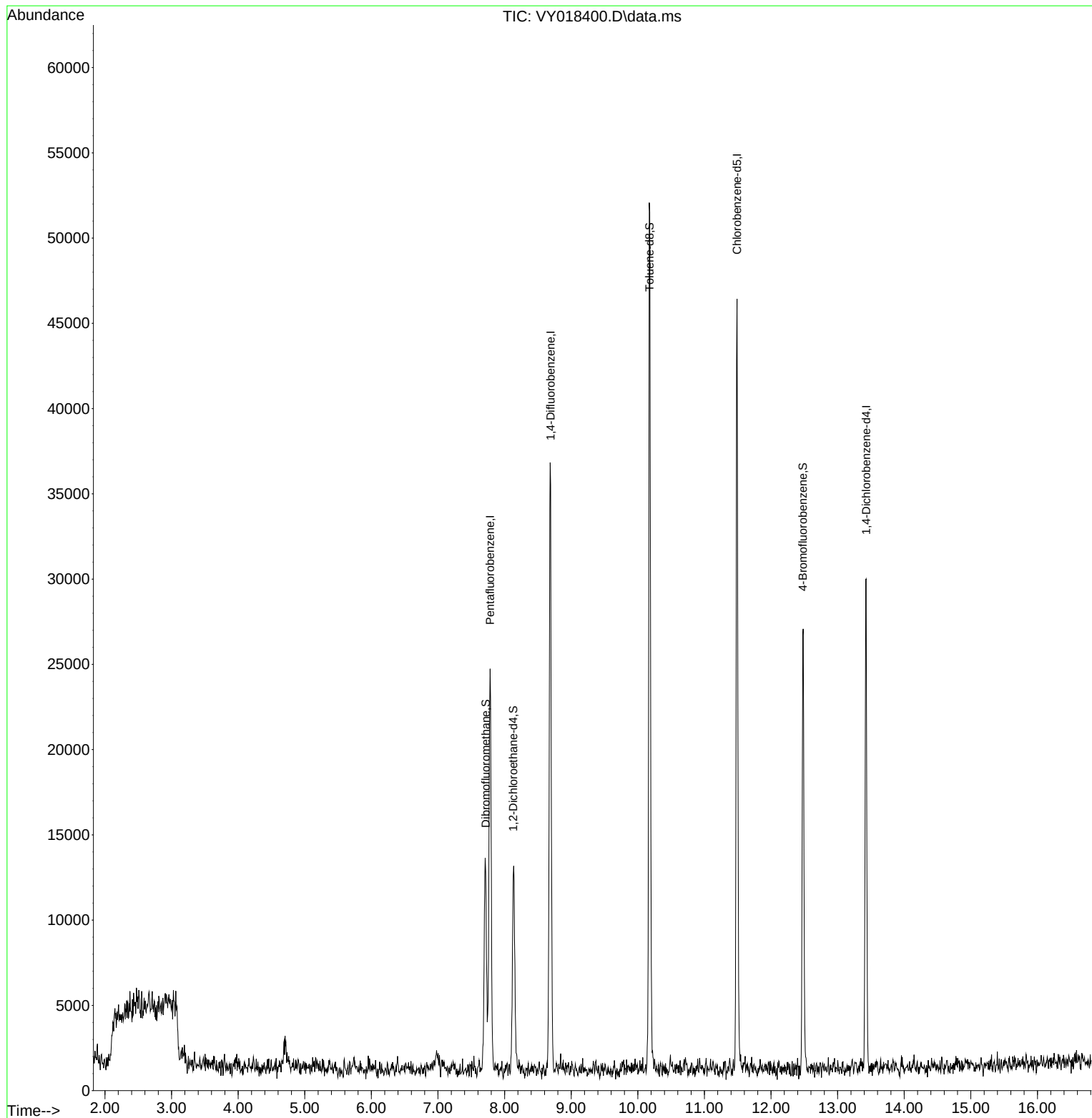
Target Compounds	Qvalue

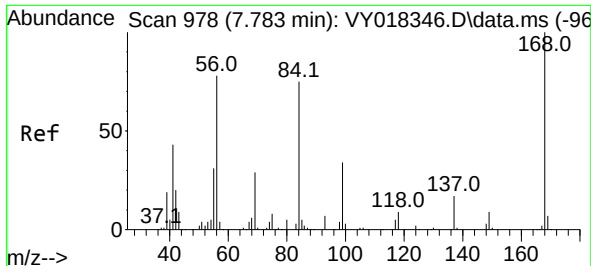
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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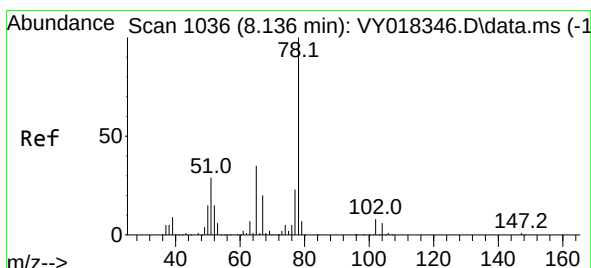
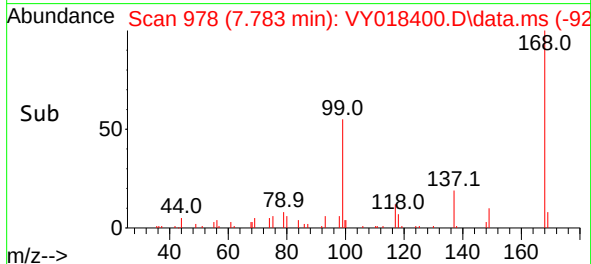
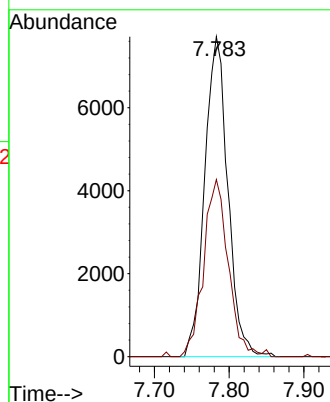
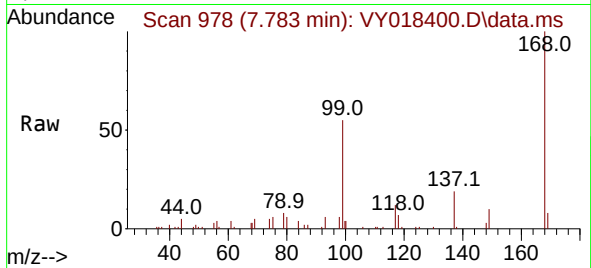




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018400.D
Acq: 29 May 2024 15:28

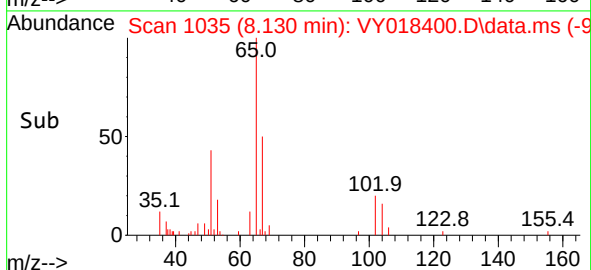
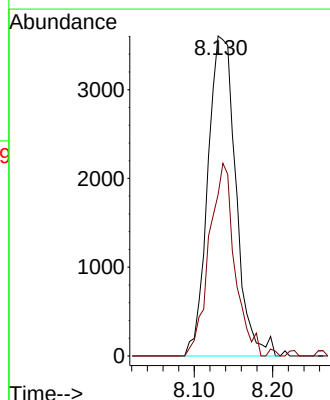
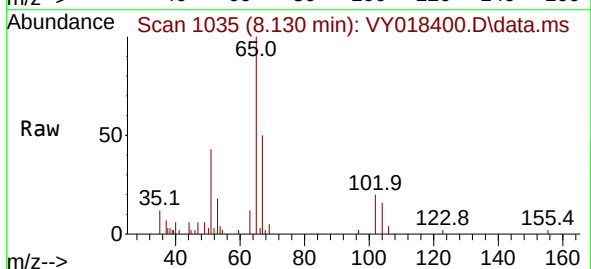
Instrument :
MSVOA_Y
ClientSampleId :
RBR200057

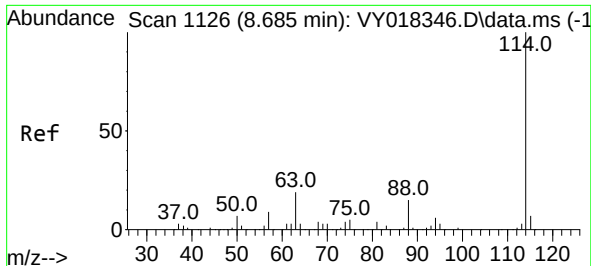
Tgt Ion:168 Resp: 16563
Ion Ratio Lower Upper
168 100
99 55.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.163 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018400.D
Acq: 29 May 2024 15:28

Tgt Ion: 65 Resp: 8970
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018400.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR200057

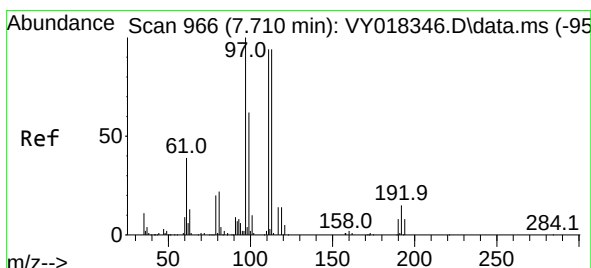
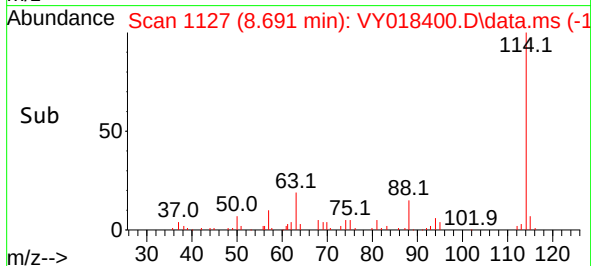
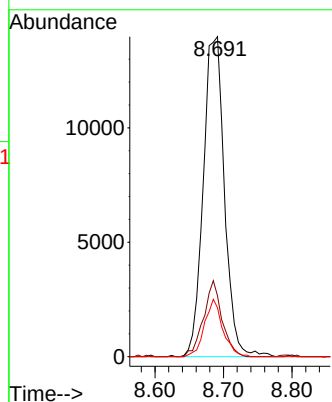
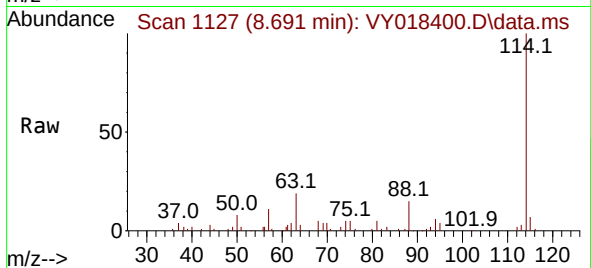
Tgt Ion:114 Resp: 30204

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.512 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY018400.D

Acq: 29 May 2024 15:28

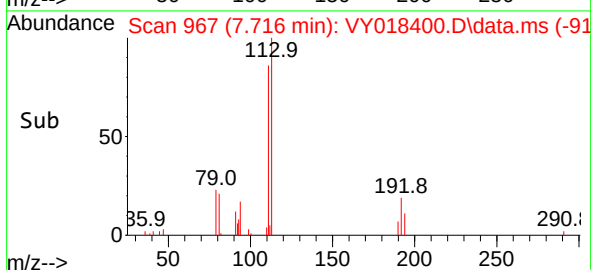
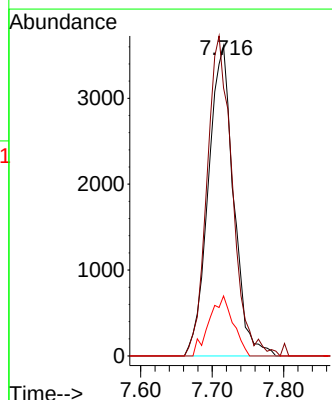
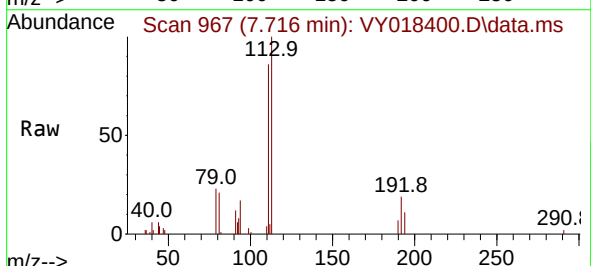
Tgt Ion:113 Resp: 8897

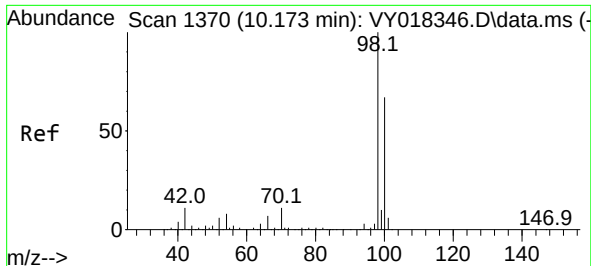
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.3 15.9 23.9

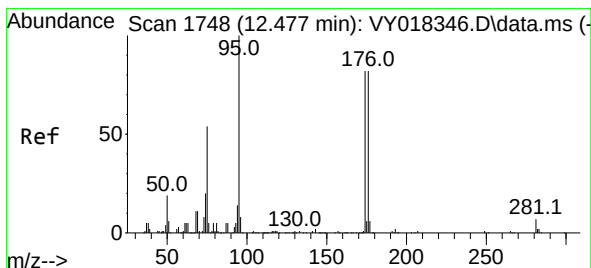
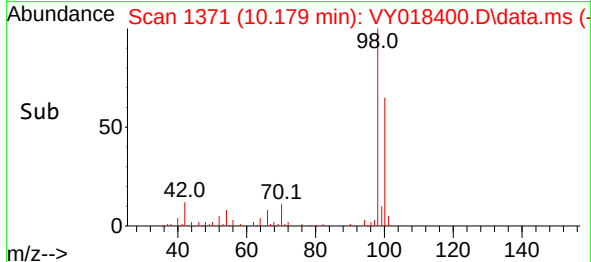
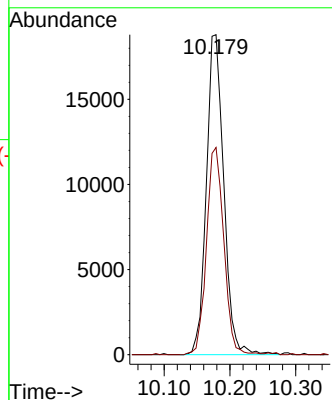
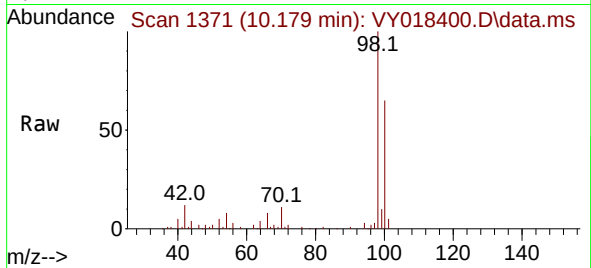




#50
Toluene-d8
Concen: 50.357 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018400.D
Acq: 29 May 2024 15:28

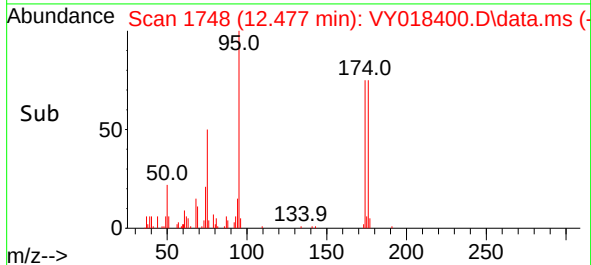
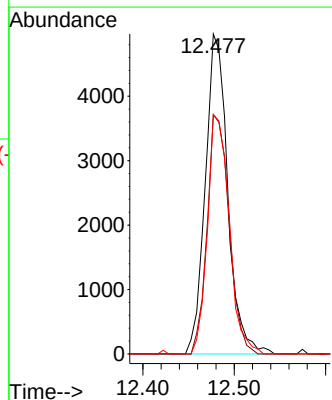
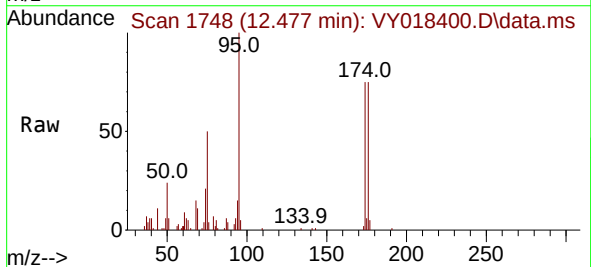
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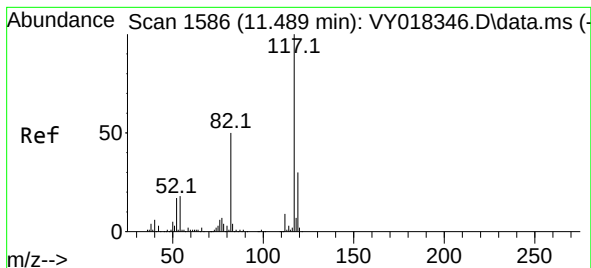
Tgt Ion: 98 Resp: 34581
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.846 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018400.D
Acq: 29 May 2024 15:28

Tgt Ion: 95 Resp: 8455
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 72.7 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: VY018400.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR200057

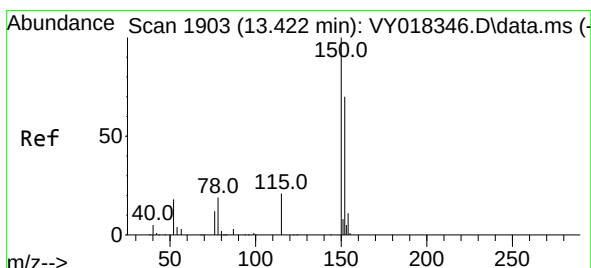
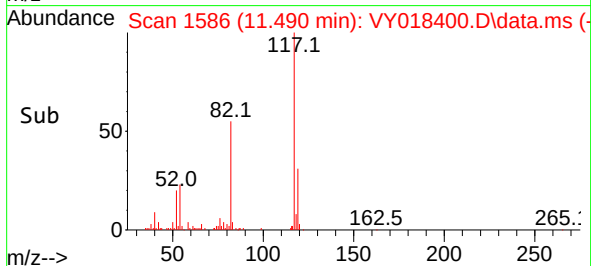
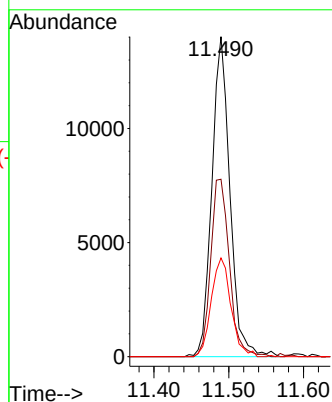
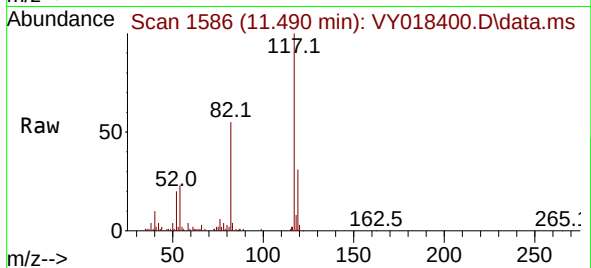
Tgt Ion:117 Resp: 23563

Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 30.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018400.D

Acq: 29 May 2024 15:28

Tgt Ion:152 Resp: 7240

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 156.0 0.0 345.6

