

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019032.D
 Acq On : 13 Aug 2024 16:19
 Operator : SY/MD
 Sample : P3519-17
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-01-080624

Quant Time: Aug 14 01:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	53697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	93710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	83842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	25913	54.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.920%
35) Dibromofluoromethane	7.622	113	29528	49.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.103	98	108437	47.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.408	95	29640	43.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.920%

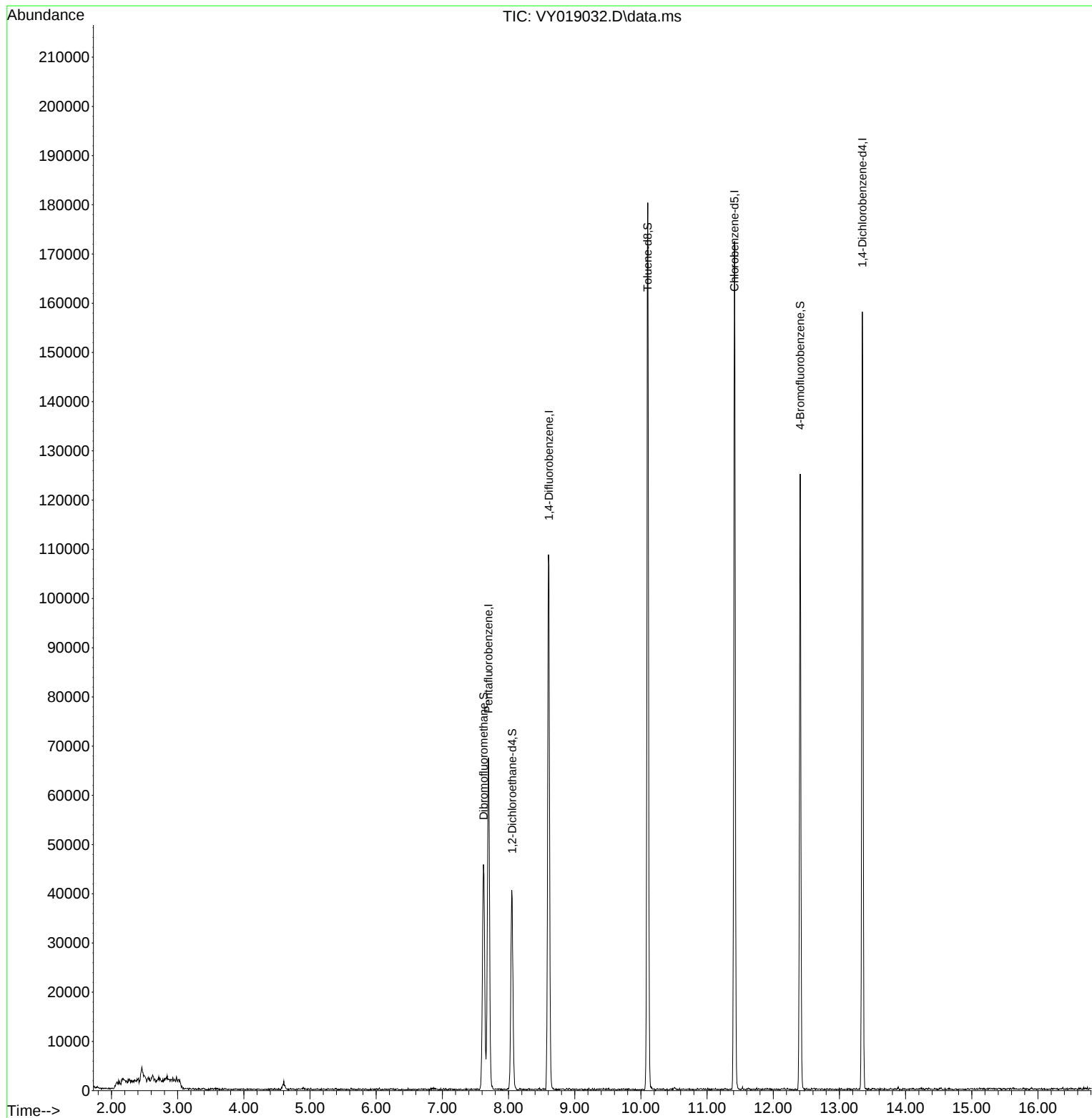
Target Compounds	Qvalue

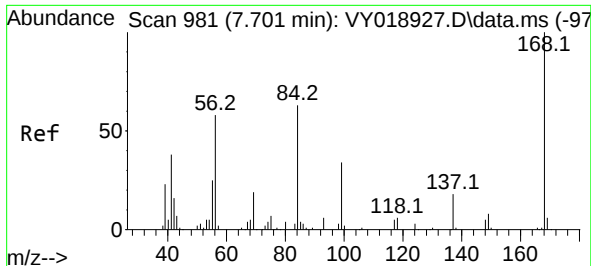
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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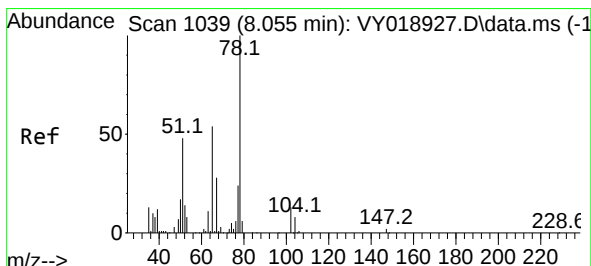
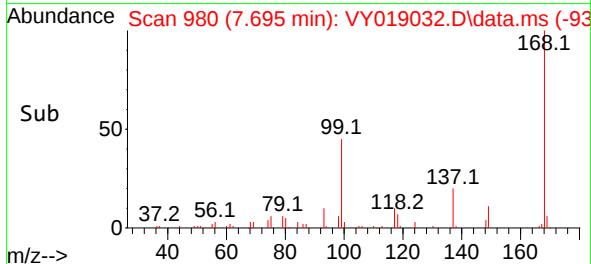
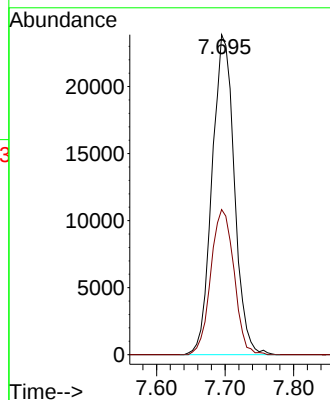
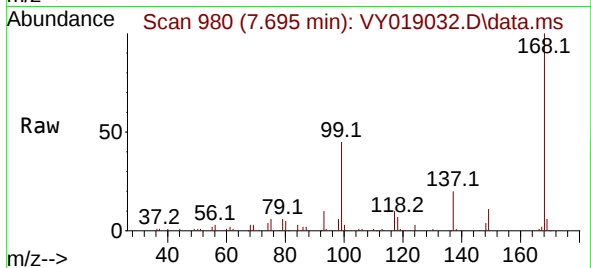




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

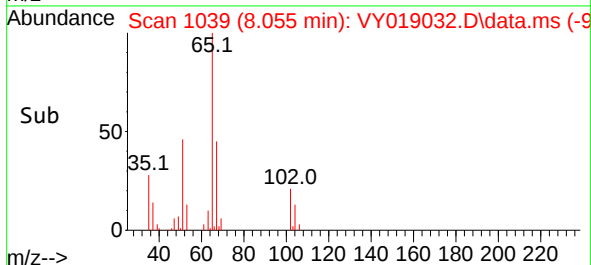
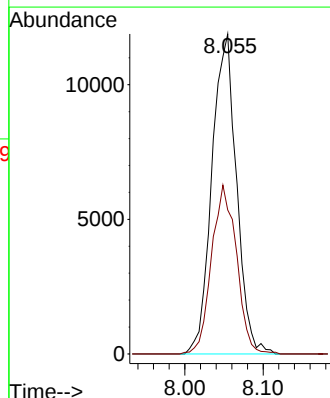
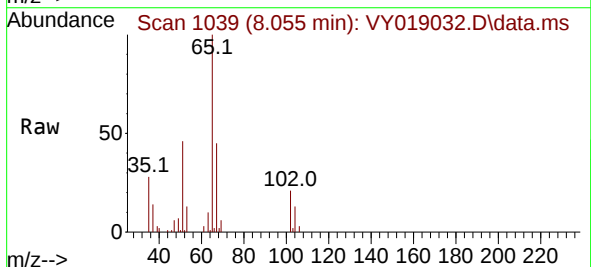
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-01-080624

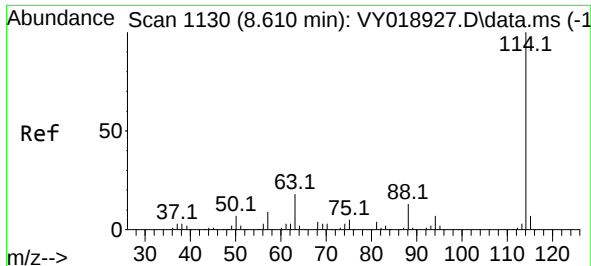
Tgt Ion:168 Resp: 53697
Ion Ratio Lower Upper
168 100
99 45.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.964 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019032.D
Acq: 13 Aug 2024 16:19

Tgt Ion: 65 Resp: 25913
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-01-080624

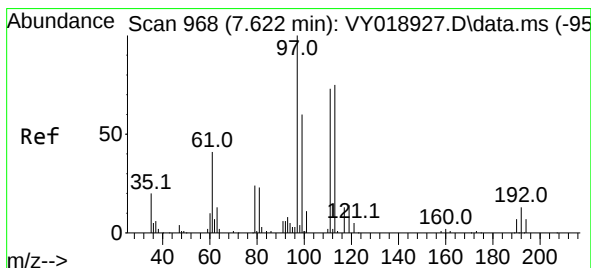
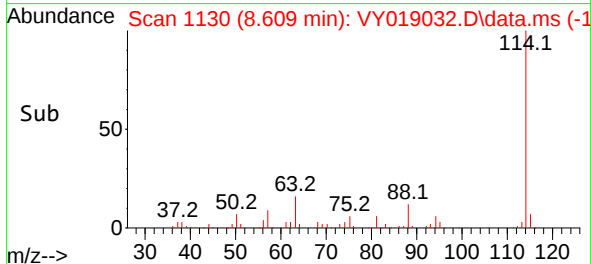
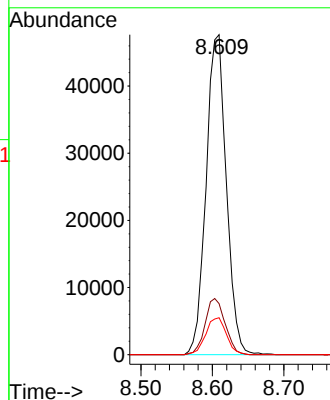
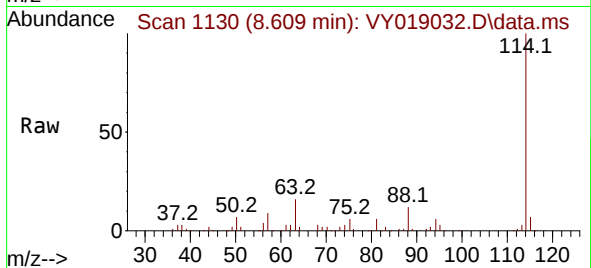
Tgt Ion:114 Resp: 93710

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 11.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

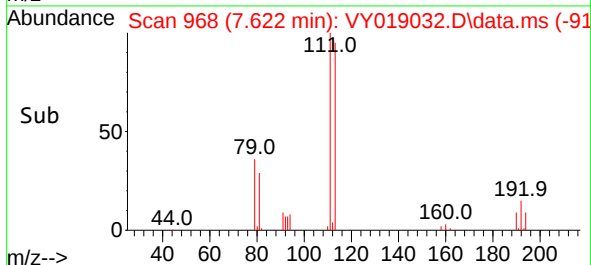
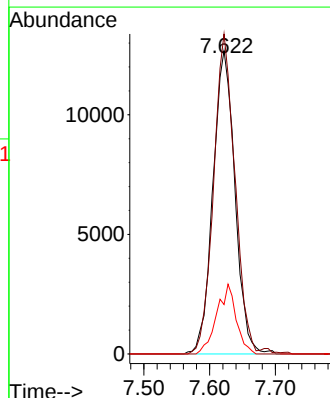
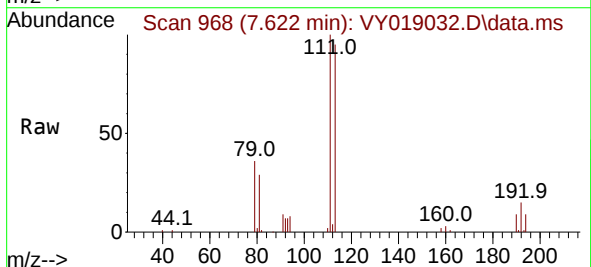
Tgt Ion:113 Resp: 29528

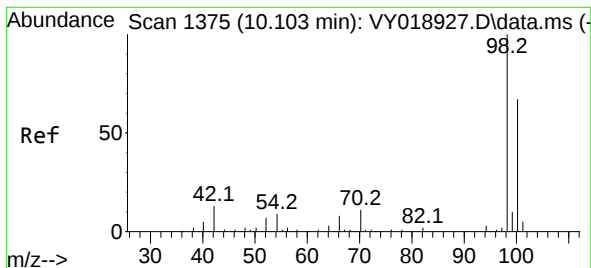
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.3 15.9 23.9





#50

Toluene-d8

Concen: 47.169 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

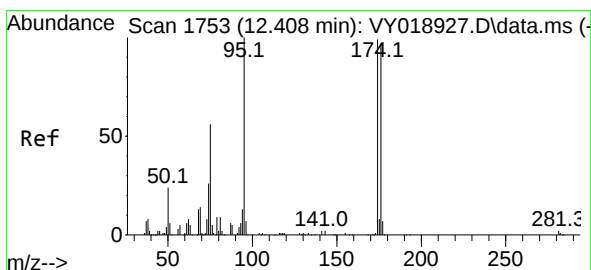
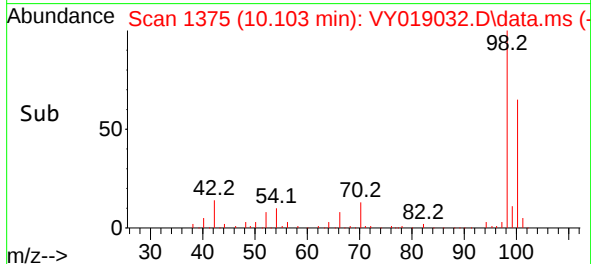
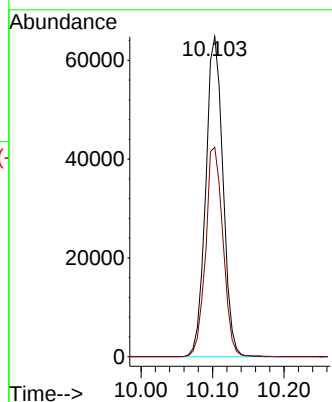
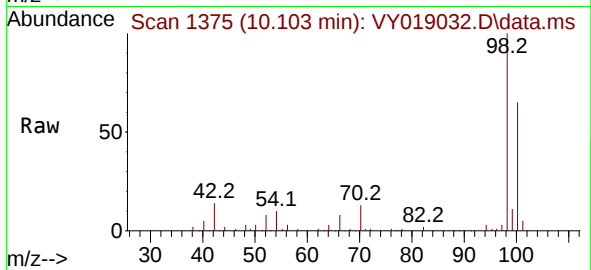
OU4-CF-01-080624

Tgt Ion: 98 Resp: 108437

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.458 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

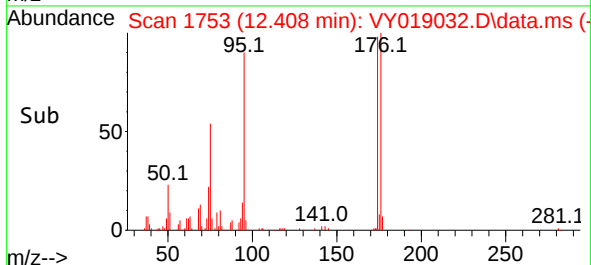
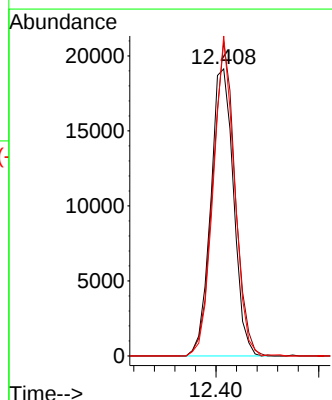
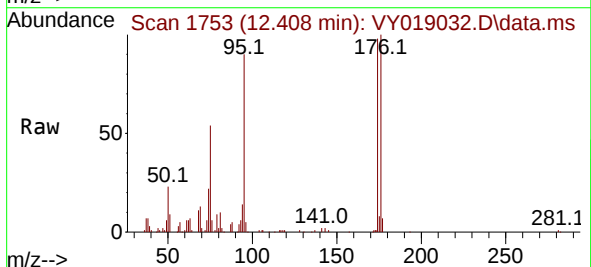
Tgt Ion: 95 Resp: 29640

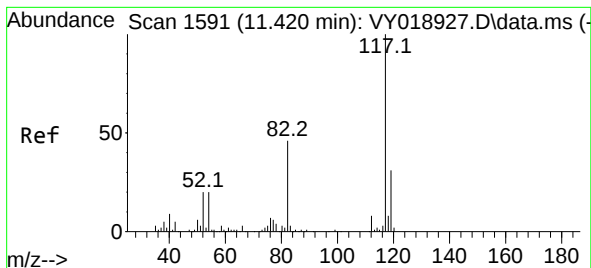
Ion Ratio Lower Upper

95 100

174 106.4 0.0 175.6

176 102.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-01-080624

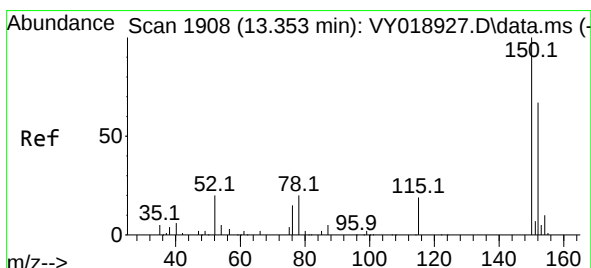
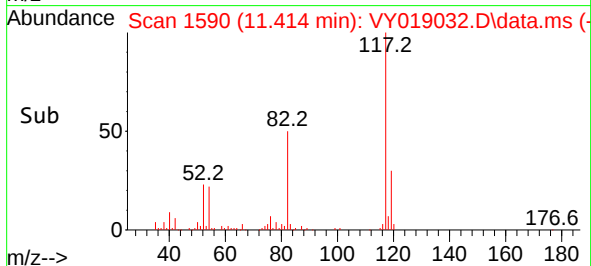
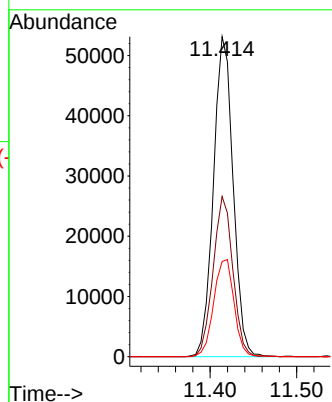
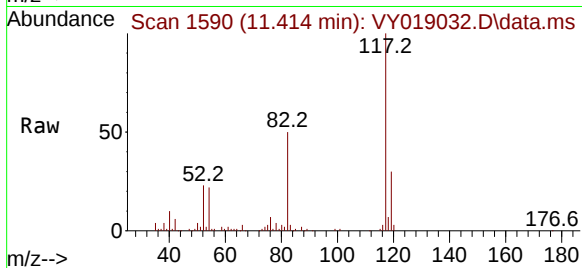
Tgt Ion:117 Resp: 83842

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 29.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019032.D

Acq: 13 Aug 2024 16:19

Tgt Ion:152 Resp: 34933

Ion Ratio Lower Upper

152 100

115 51.0 28.2 84.7

150 160.8 0.0 345.6

