

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019115.D
 Acq On : 19 Aug 2024 14:26
 Operator : SY/MD
 Sample : P3614-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-081424RE

Quant Time: Aug 19 15:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	7468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	11104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	7142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	3790	50.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.260%
35) Dibromofluoromethane	7.622	113	3864	53.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.103	98	11095	42.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.920%
62) 4-Bromofluorobenzene	12.414	95	2136	23.981	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	47.960%

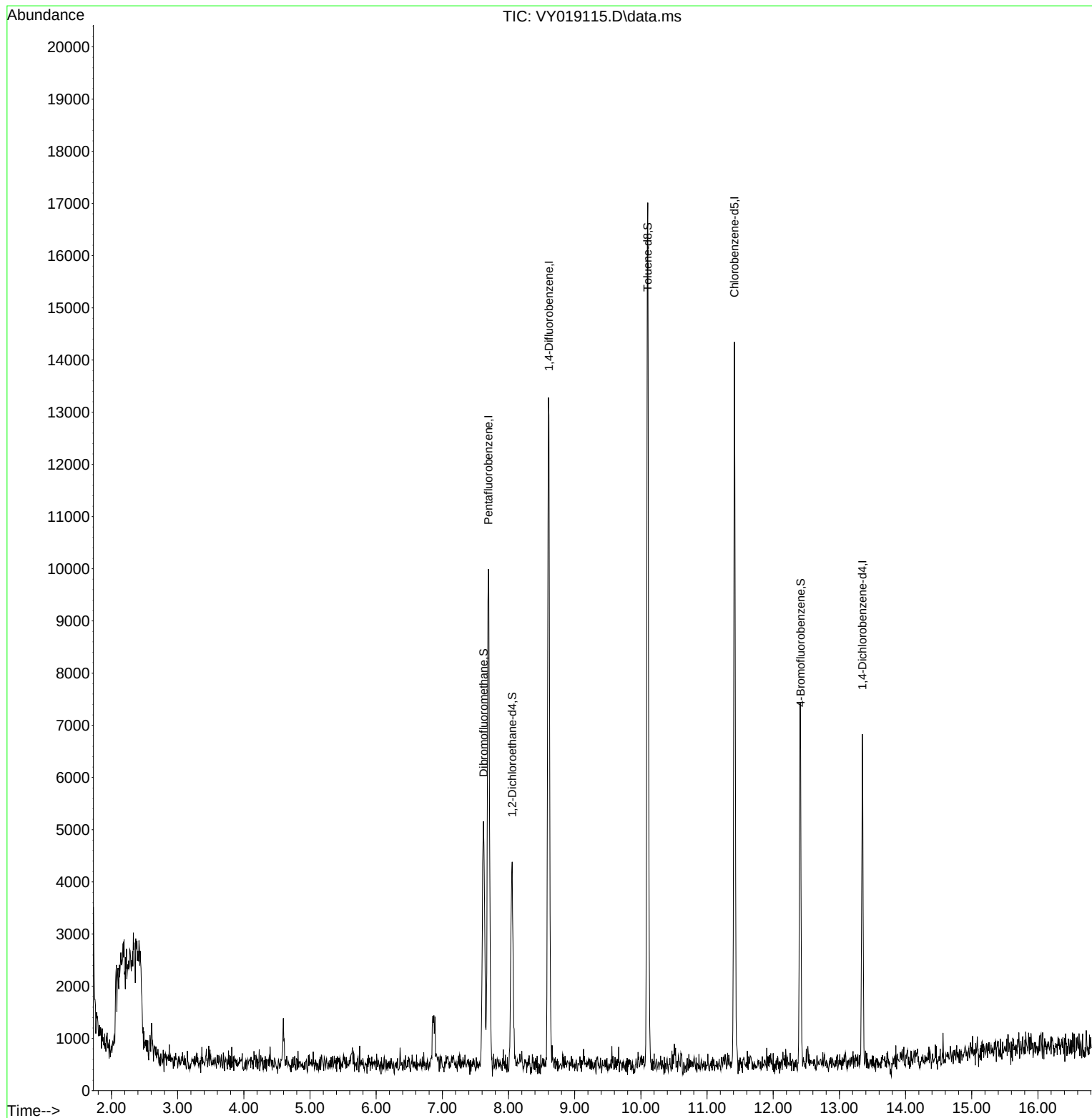
Target Compounds	Qvalue

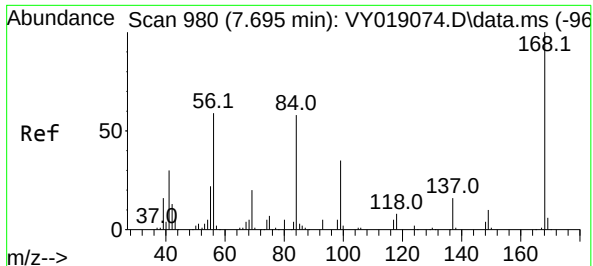
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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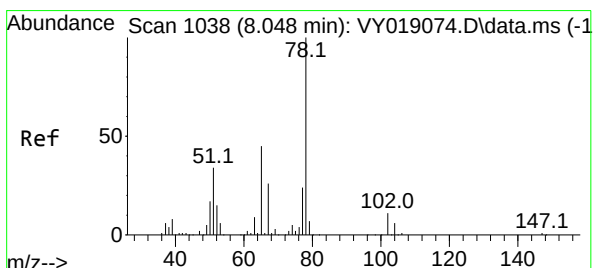
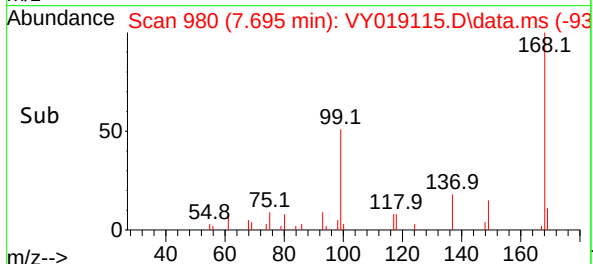
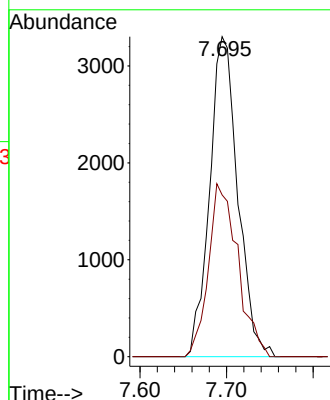
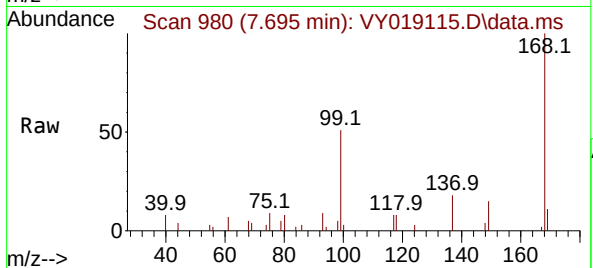




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

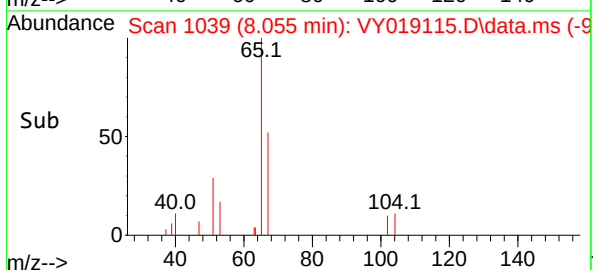
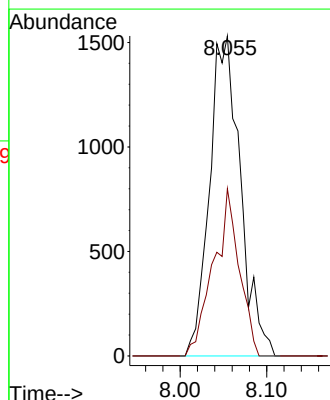
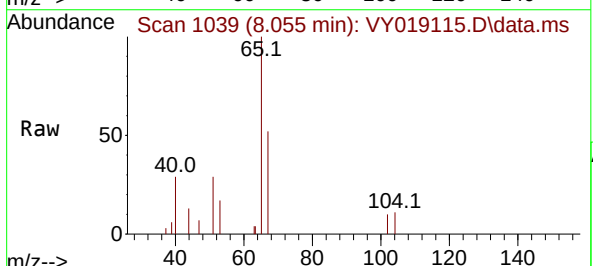
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-081424RE

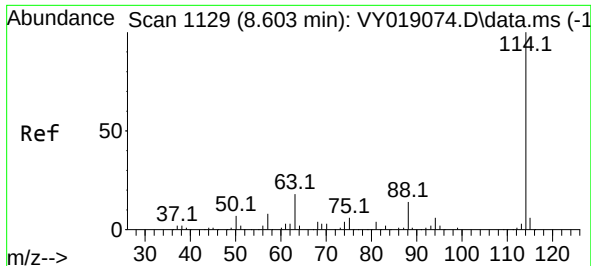
Tgt Ion:168 Resp: 7468
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.627 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 65 Resp: 3790
Ion Ratio Lower Upper
65 100
67 43.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019115.D

Acq: 19 Aug 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-081424RE

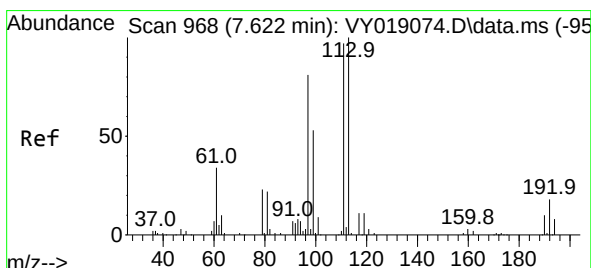
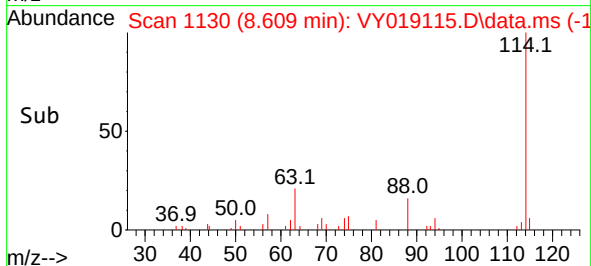
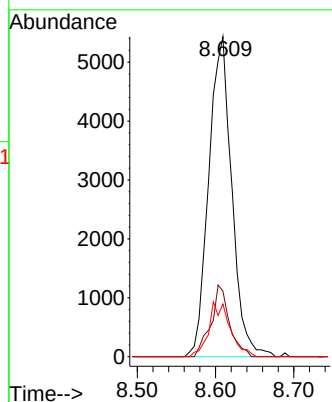
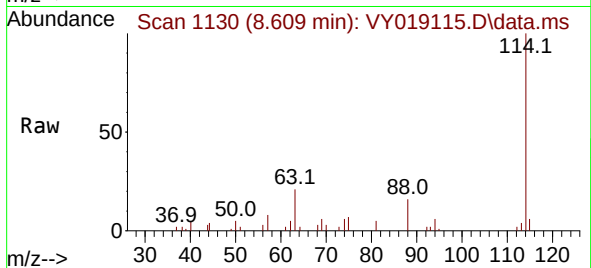
Tgt Ion:114 Resp: 11104

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 16.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.220 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019115.D

Acq: 19 Aug 2024 14:26

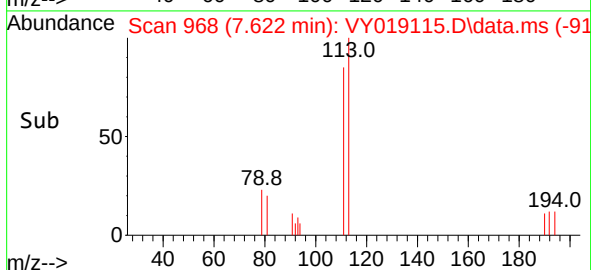
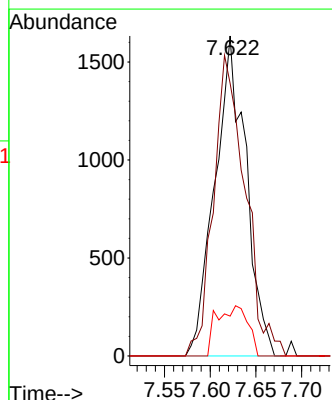
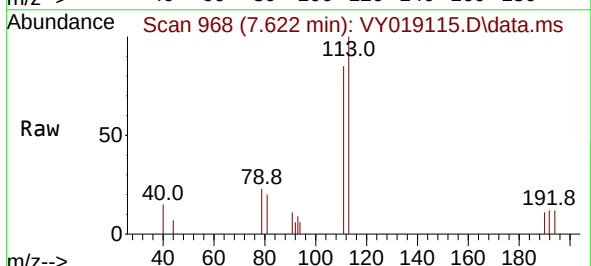
Tgt Ion:113 Resp: 3864

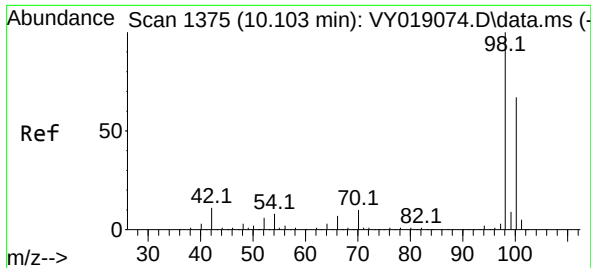
Ion Ratio Lower Upper

113 100

111 95.5 82.2 123.4

192 15.5 15.9 23.9#

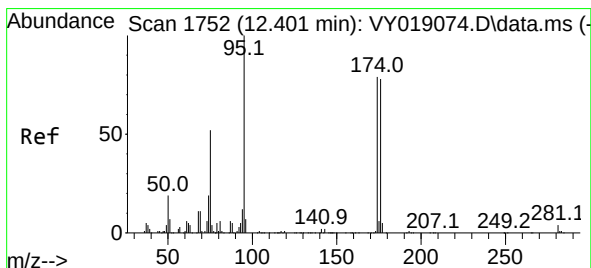
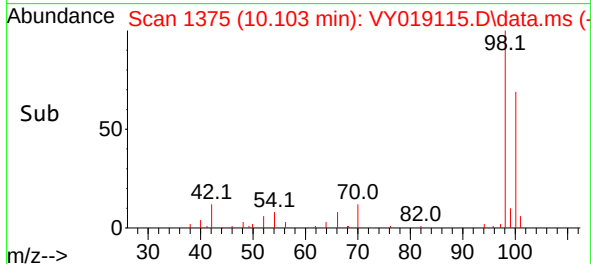
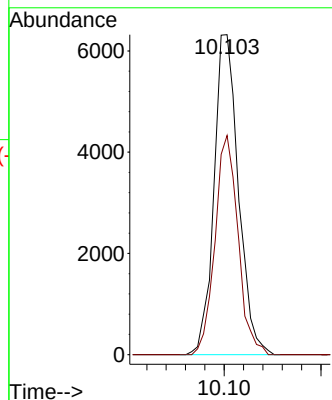
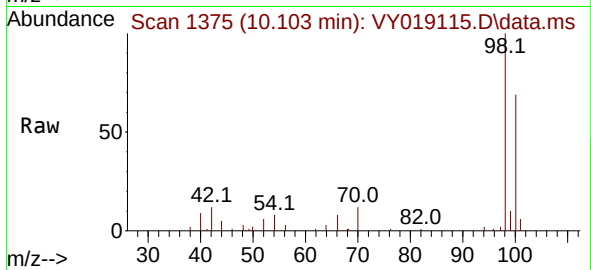




#50
Toluene-d8
Concen: 42.464 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

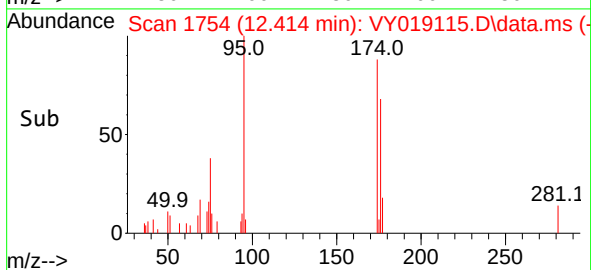
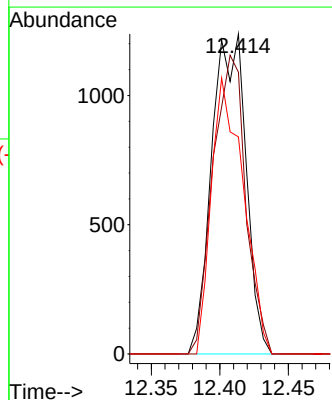
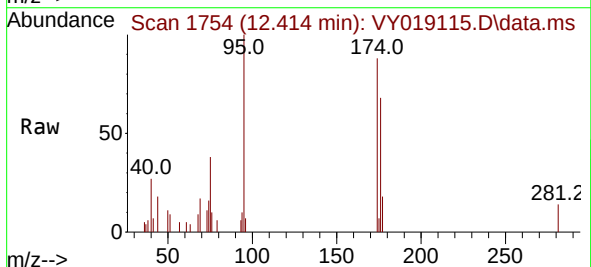
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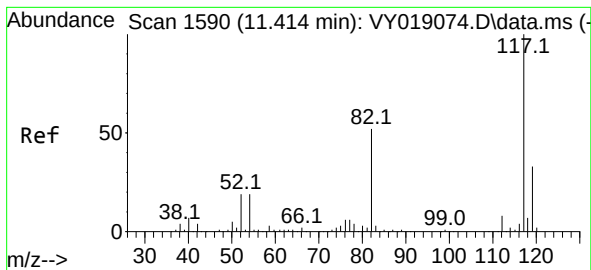
Tgt Ion: 98 Resp: 11095
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.981 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 95 Resp: 2136
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 81.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019115.D

Acq: 19 Aug 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-081424RE

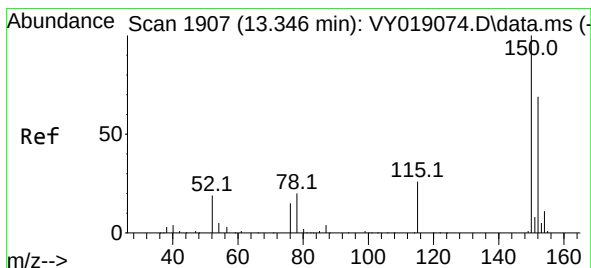
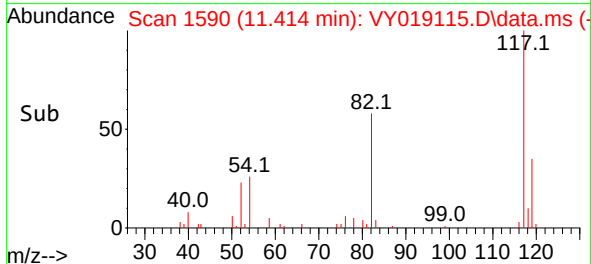
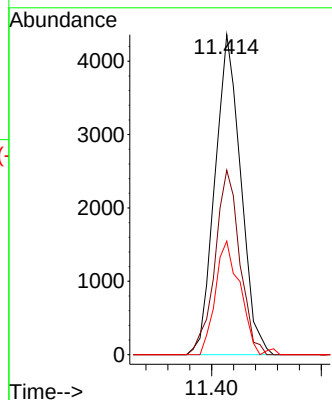
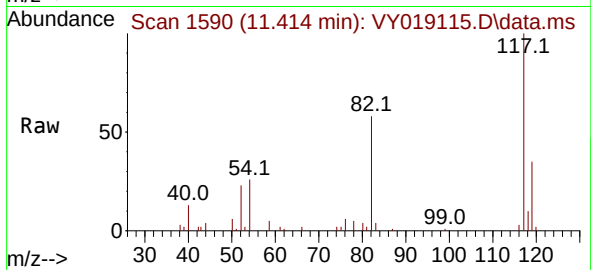
Tgt Ion:117 Resp: 7142

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 35.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019115.D

Acq: 19 Aug 2024 14:26

Tgt Ion:152 Resp: 1755

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 144.0 0.0 345.6

