

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017007.D
 Acq On : 17 Jan 2024 12:01
 Operator : SY/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Quant Time: Jan 17 15:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	106432	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	225017	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	212569	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	81138	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	49428	46.988	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.980%
35) Dibromofluoromethane	7.752	113	52574	36.665	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.340%
50) Toluene-d8	10.209	98	197251	39.949	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.900%
62) 4-Bromofluorobenzene	12.508	95	62833	37.717	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.440%

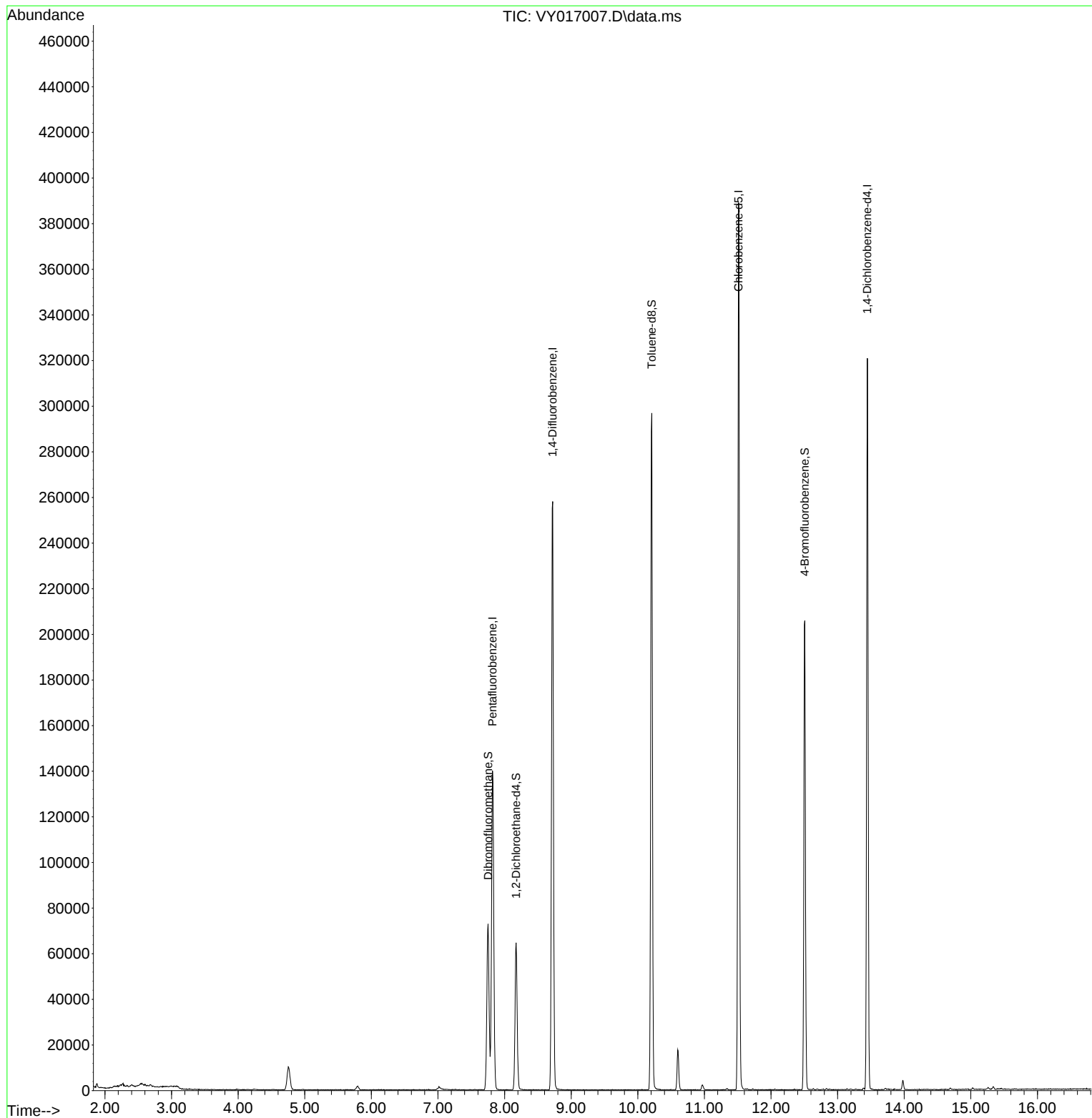
Target Compounds	Qvalue

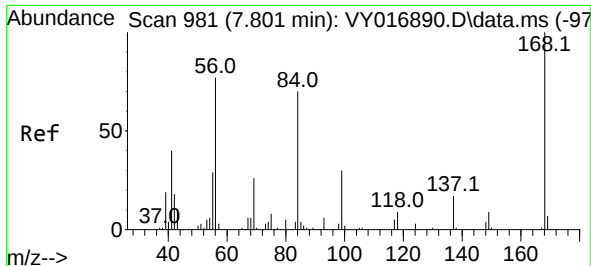
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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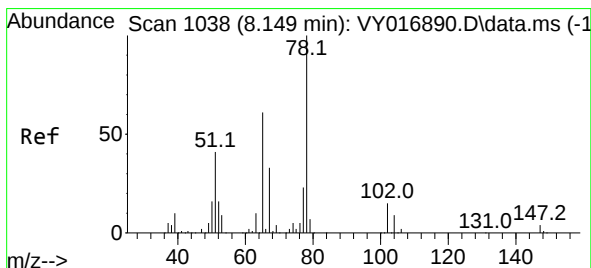
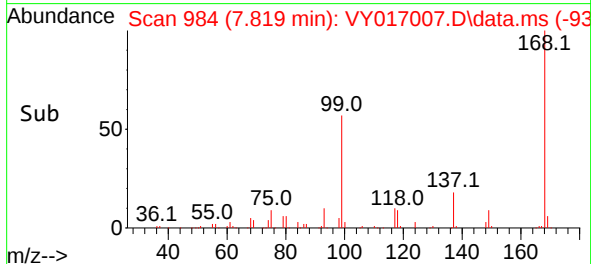
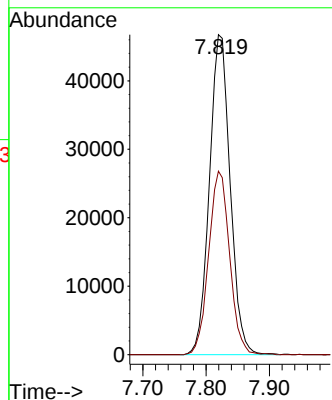
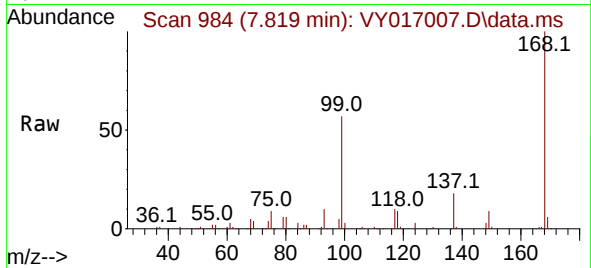




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

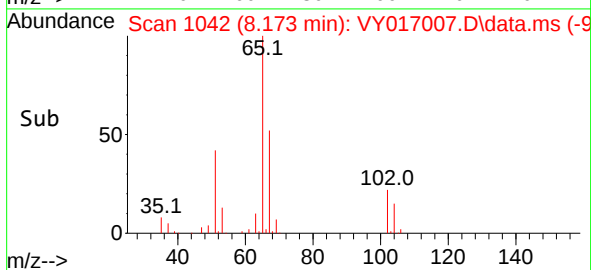
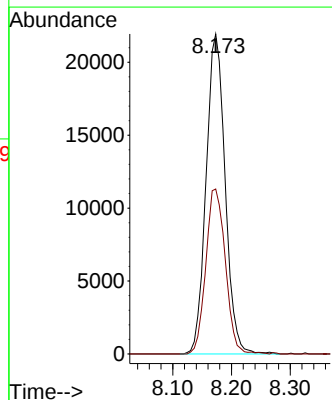
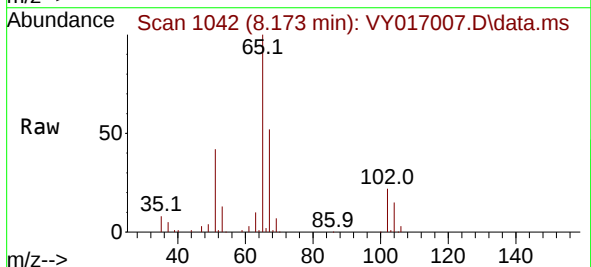
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

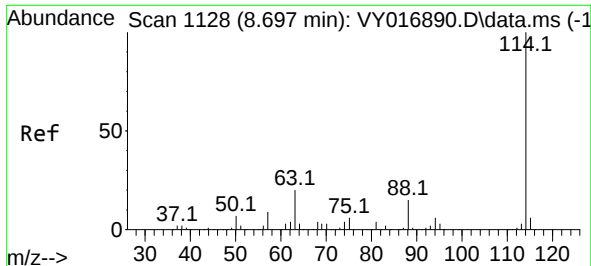
Tgt Ion:168 Resp: 106432
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.988 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

Tgt Ion: 65 Resp: 49428
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017007.D

Acq: 17 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

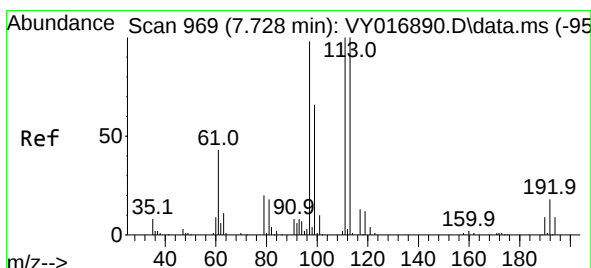
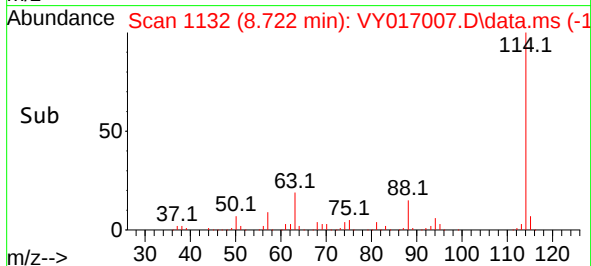
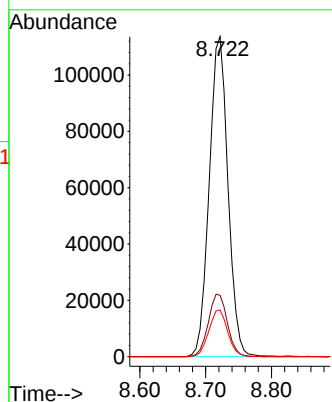
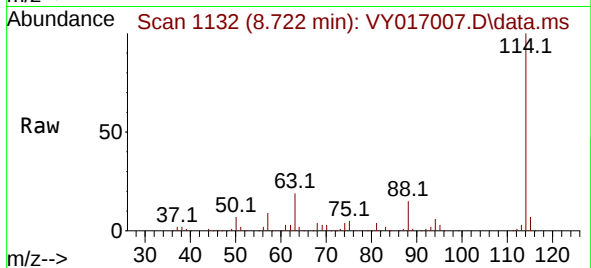
Tgt Ion:114 Resp: 225017

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.665 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017007.D

Acq: 17 Jan 2024 12:01

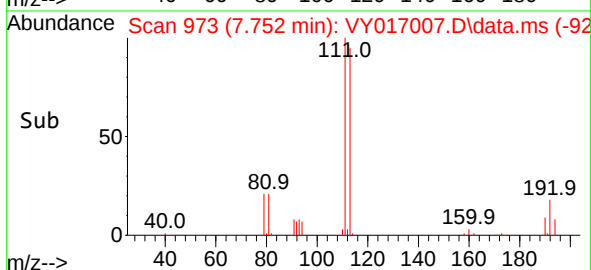
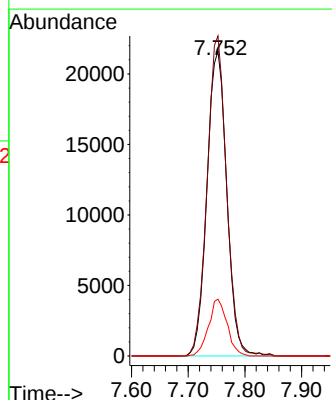
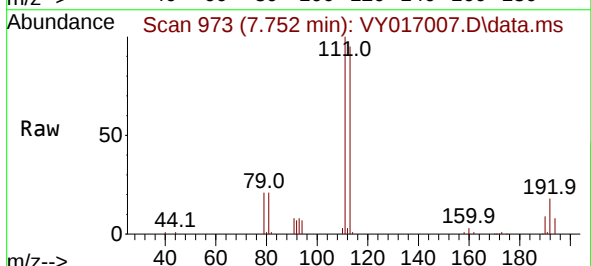
Tgt Ion:113 Resp: 52574

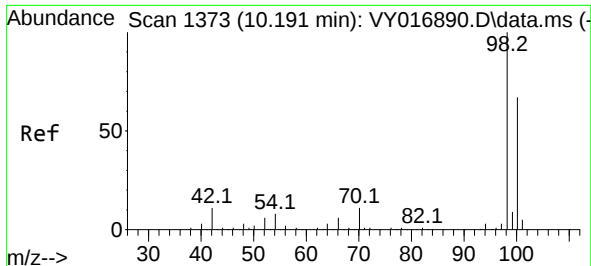
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.5 14.5 21.7

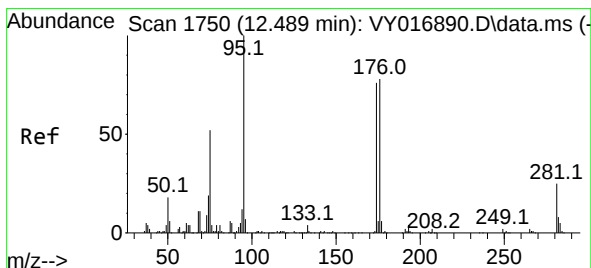
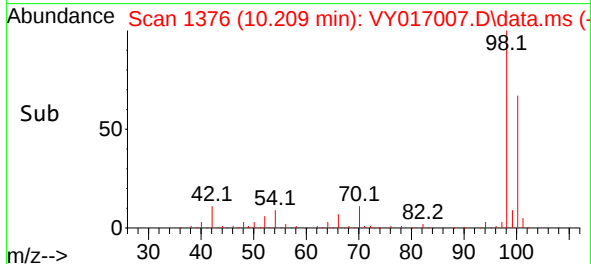
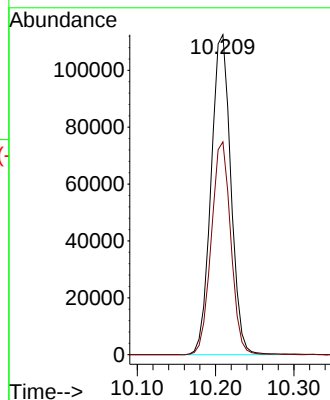
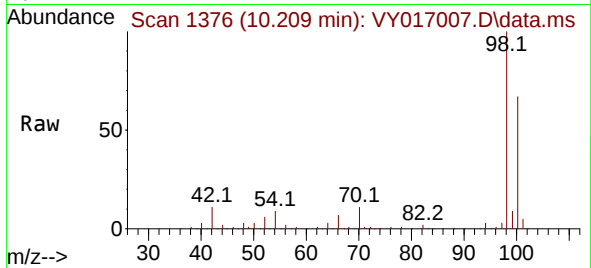




#50
Toluene-d8
Concen: 39.949 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

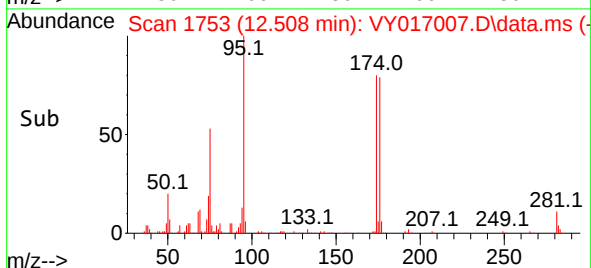
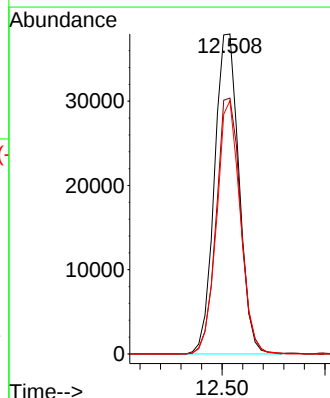
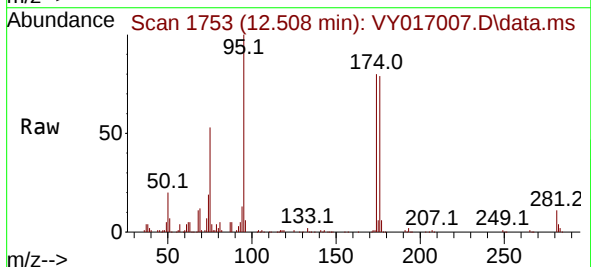
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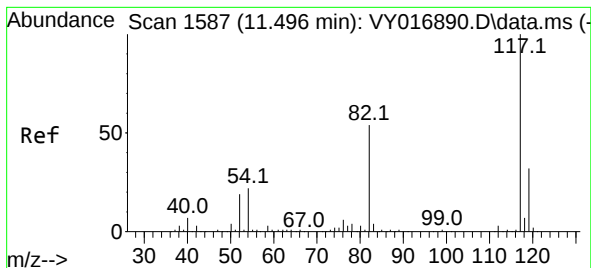
Tgt Ion: 98 Resp: 197251
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.717 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017007.D
Acq: 17 Jan 2024 12:01

Tgt Ion: 95 Resp: 62833
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017007.D

Acq: 17 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

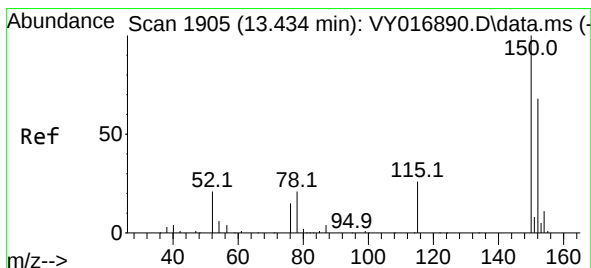
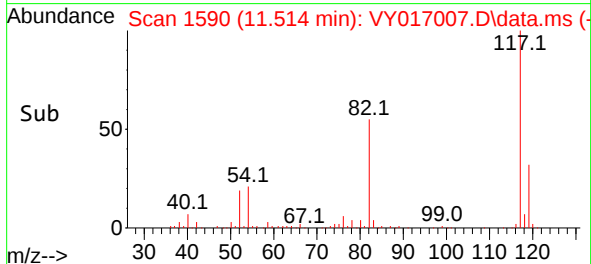
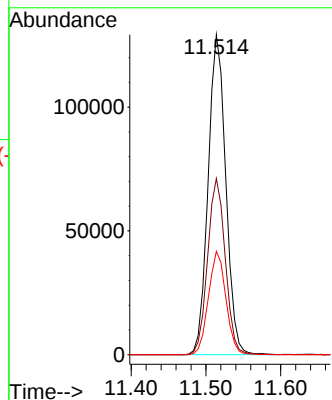
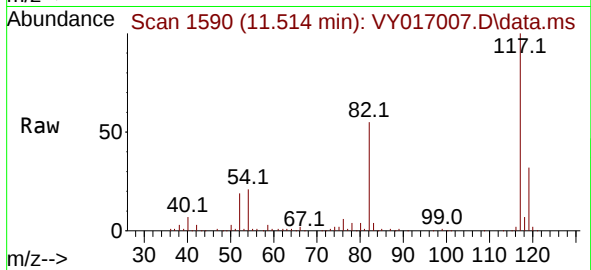
Tgt Ion:117 Resp: 212569

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017007.D

Acq: 17 Jan 2024 12:01

Tgt Ion:152 Resp: 81138

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 154.7 0.0 344.6

