

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014916.D
 Acq On : 28 Jul 2023 18:09
 Operator : SY/MD
 Sample : 03826-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-072823

Quant Time: Jul 29 03:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	67228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	95203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	33308	43.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.960%
35) Dibromofluoromethane	7.704	113	32142	45.796	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.173	98	129571	50.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.477	95	40232	40.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.100%

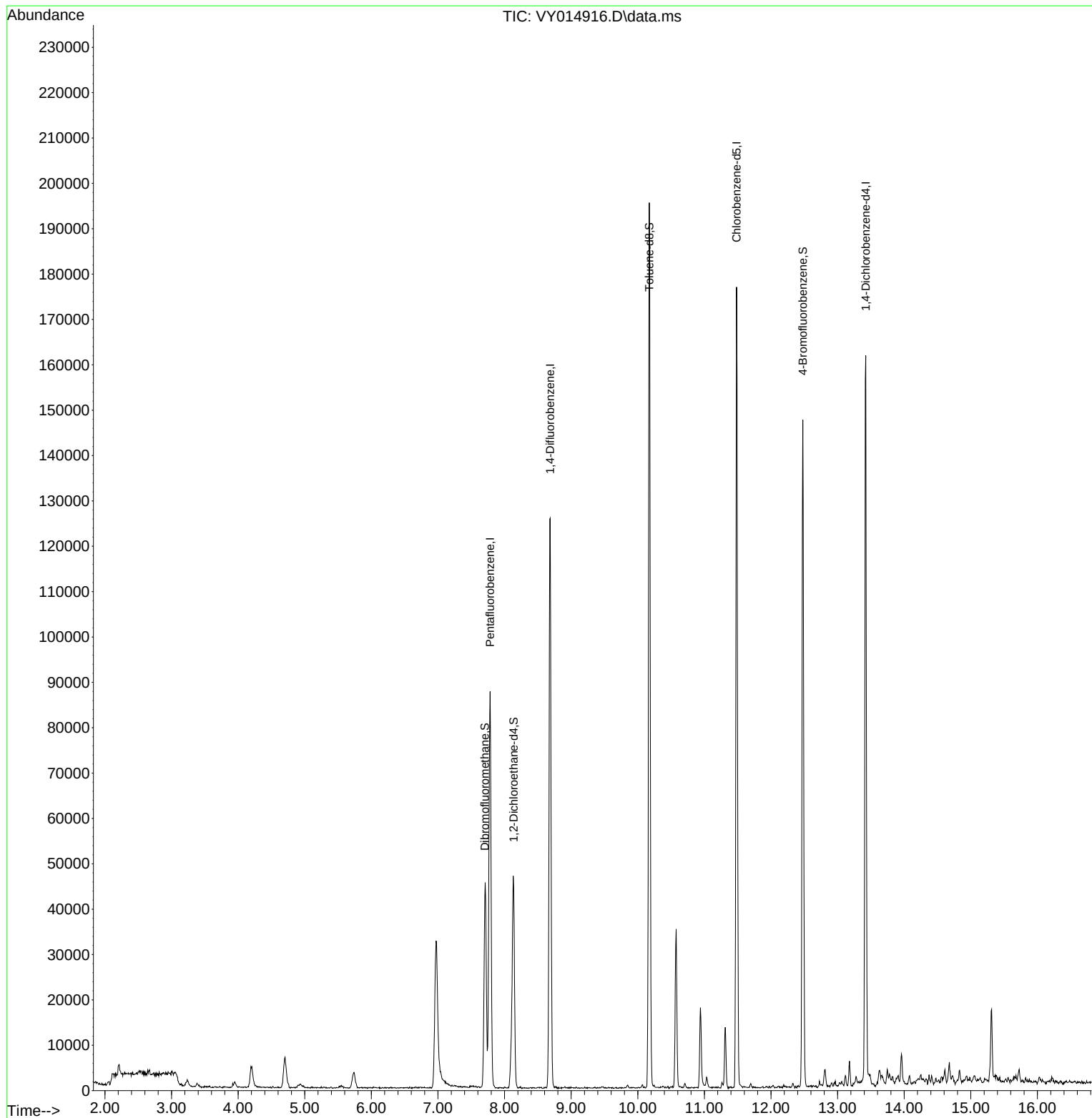
Target Compounds	Qvalue

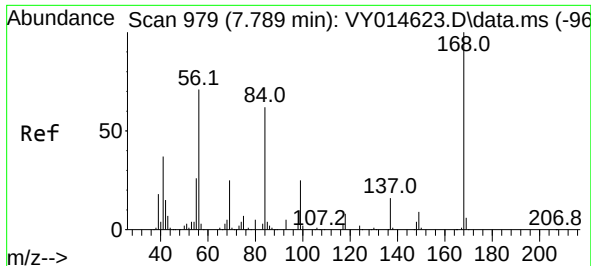
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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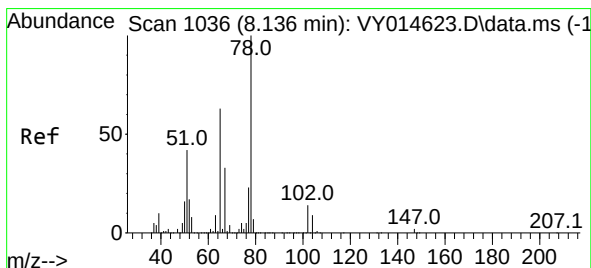
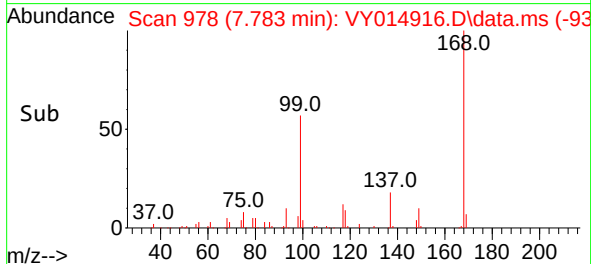
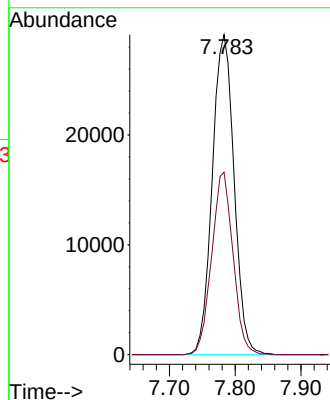
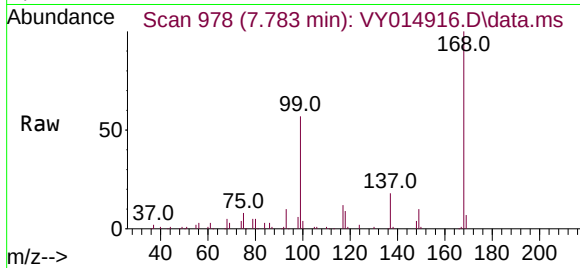




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014916.D
Acq: 28 Jul 2023 18:09

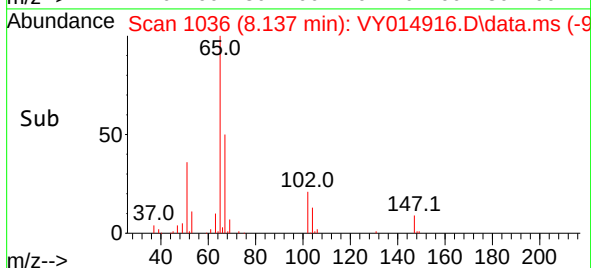
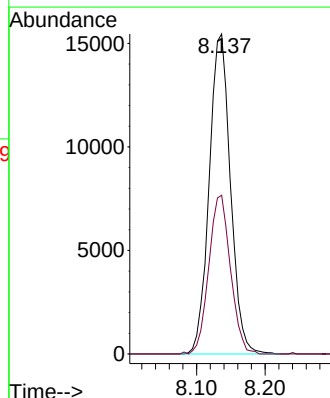
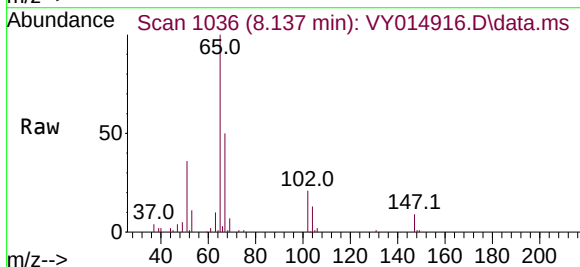
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-072823

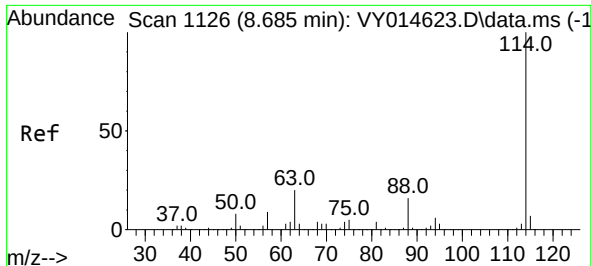
Tgt Ion:168 Resp: 67228
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 43.478 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014916.D
Acq: 28 Jul 2023 18:09

Tgt Ion: 65 Resp: 33308
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014916.D

Acq: 28 Jul 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-072823

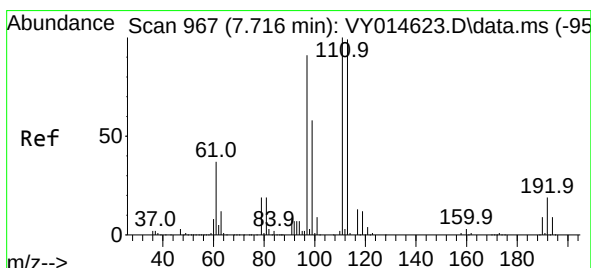
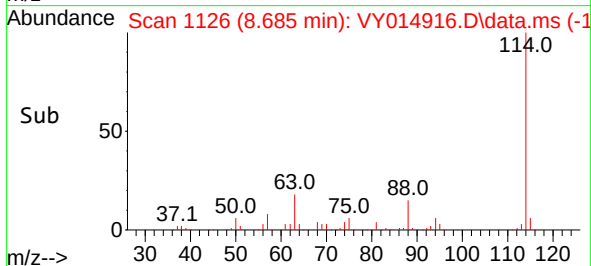
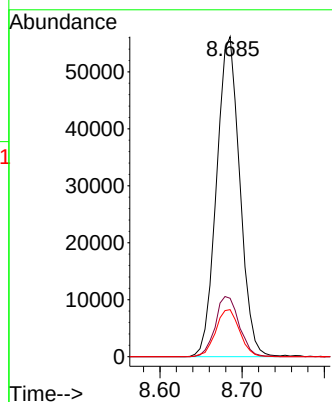
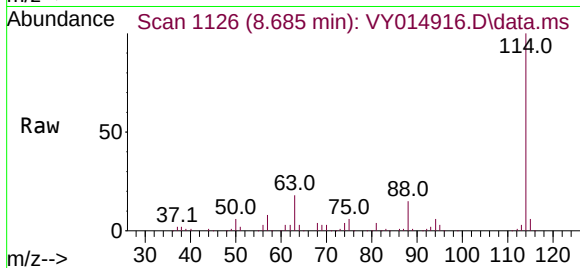
Tgt Ion:114 Resp: 110255

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.796 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY014916.D

Acq: 28 Jul 2023 18:09

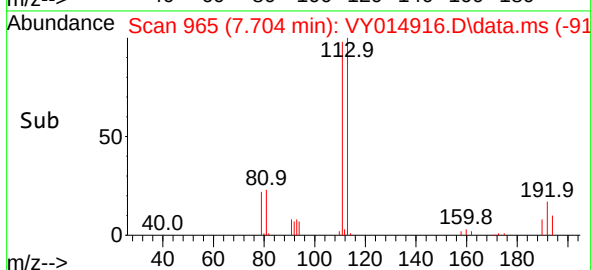
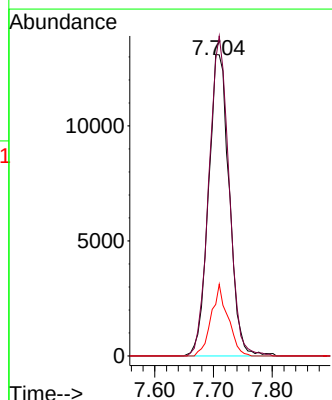
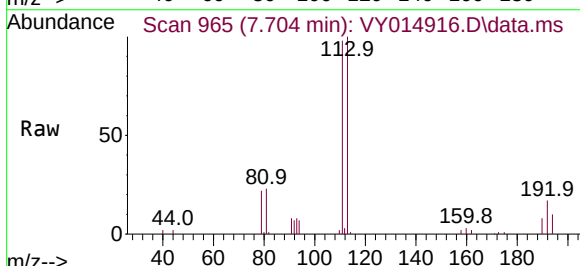
Tgt Ion:113 Resp: 32142

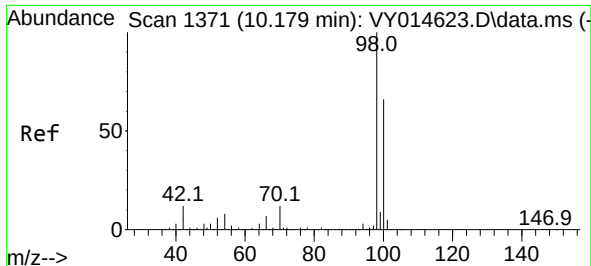
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.2 16.9 25.3

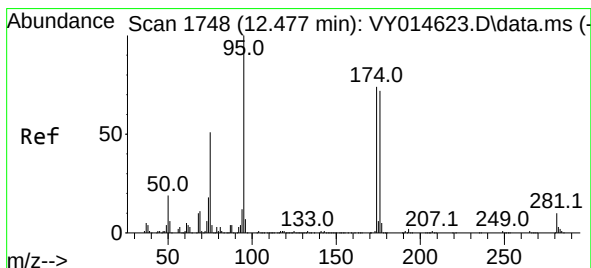
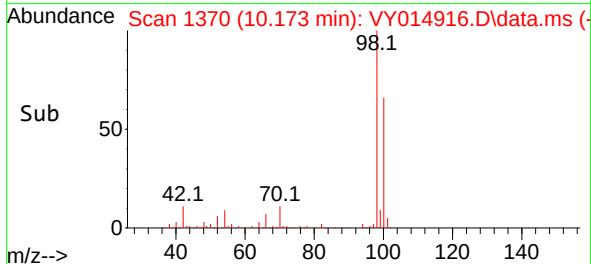
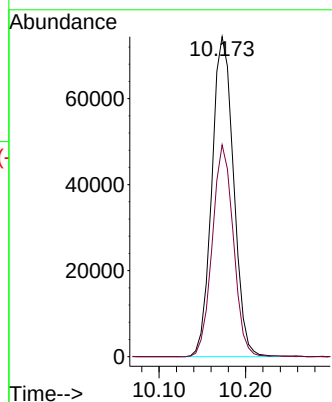
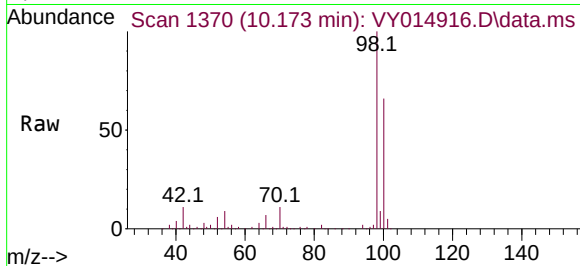




#50
Toluene-d8
Concen: 50.074 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014916.D
Acq: 28 Jul 2023 18:09

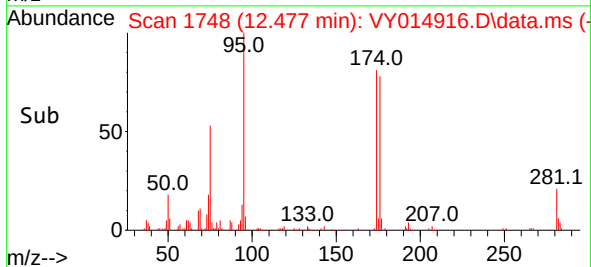
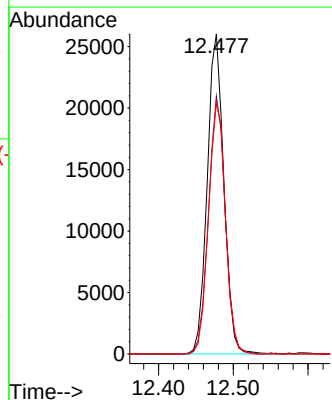
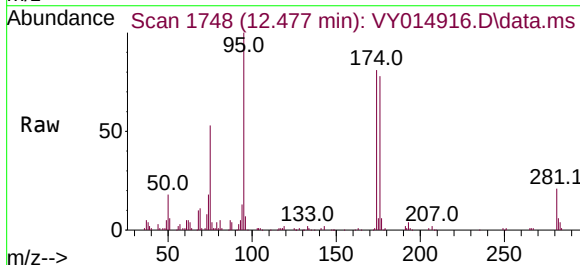
Instrument :
MSVOA_Y
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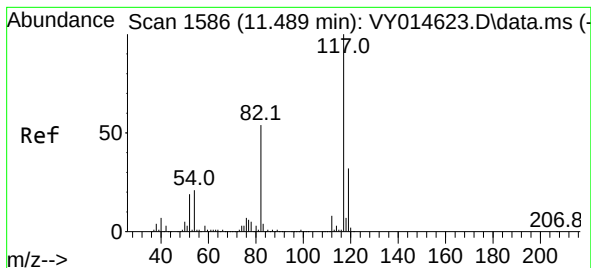
Tgt Ion: 98 Resp: 129571
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.549 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014916.D
Acq: 28 Jul 2023 18:09

Tgt Ion: 95 Resp: 40232
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 79.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY014916.D

Acq: 28 Jul 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-072823

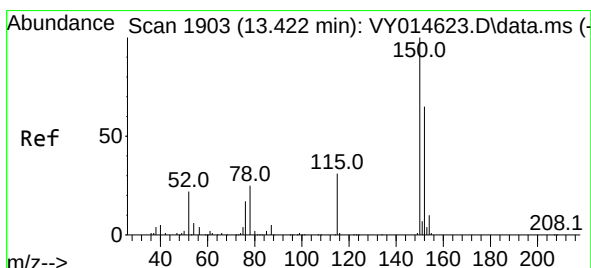
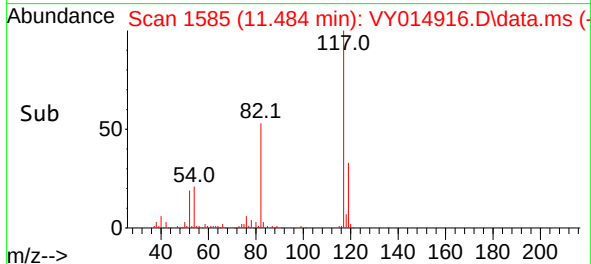
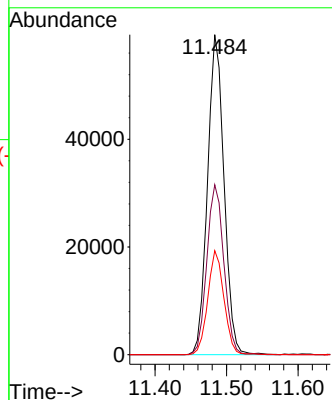
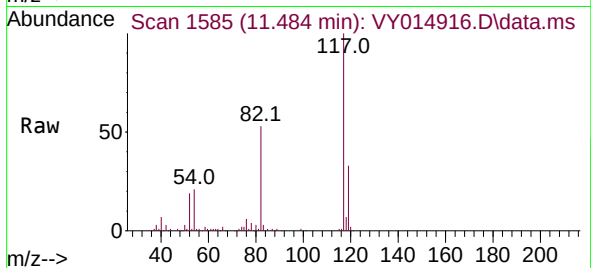
Tgt Ion:117 Resp: 95203

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014916.D

Acq: 28 Jul 2023 18:09

Tgt Ion:152 Resp: 40463

Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.5

150 158.7 0.0 348.8

