

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015517.D
 Acq On : 12 Sep 2023 18:58
 Operator : SY/MD
 Sample : 04394-03
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-07(3.5-4)

Quant Time: Sep 13 05:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	327188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	488319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205285	58.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.060%
35) Dibromofluoromethane	7.710	113	170684	55.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.173	98	633385	56.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.900%
62) 4-Bromofluorobenzene	12.477	95	214291	51.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.900%

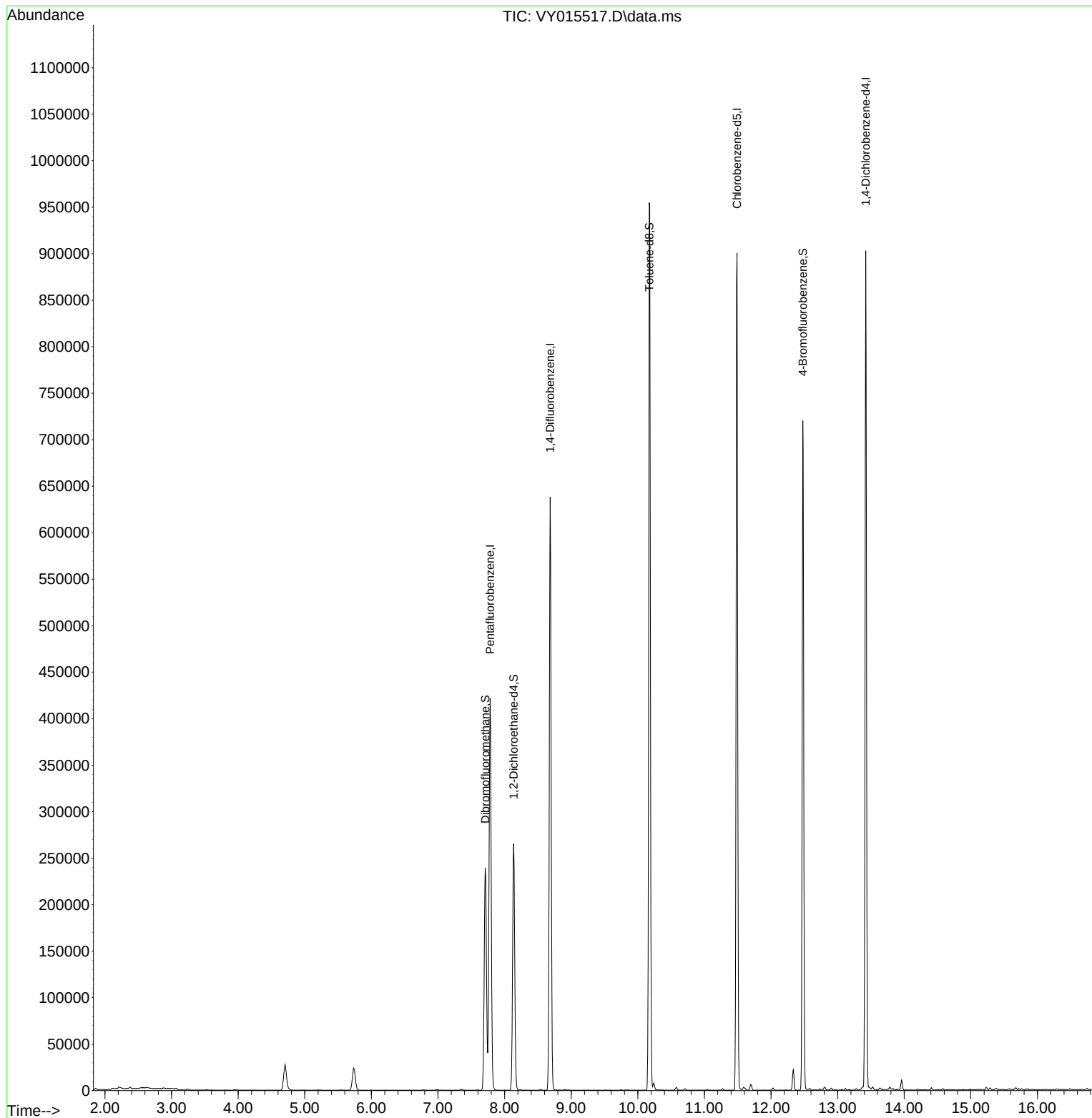
Target Compounds	Qvalue

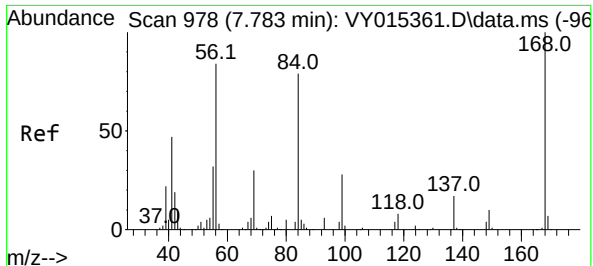
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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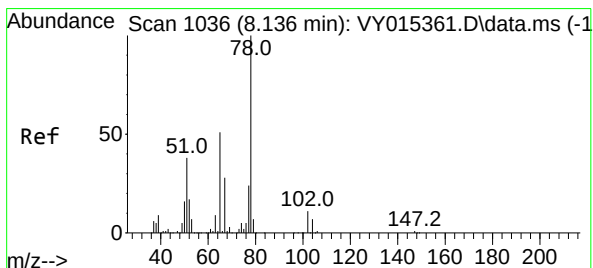
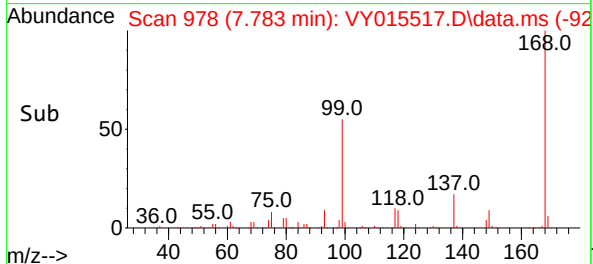
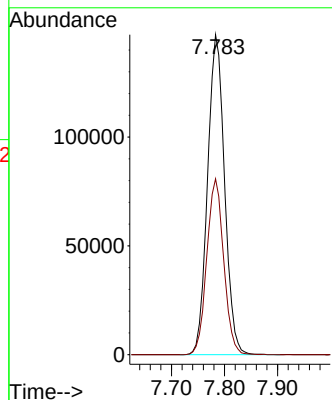
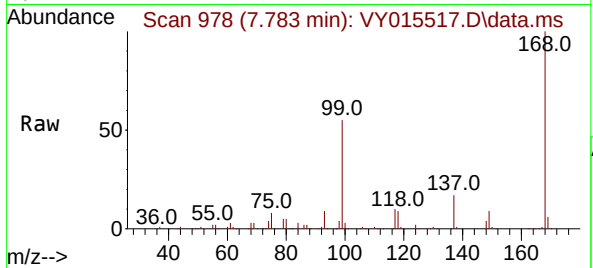




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

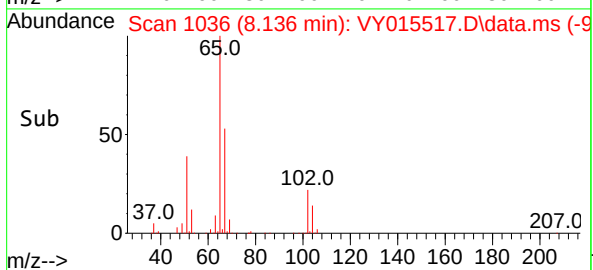
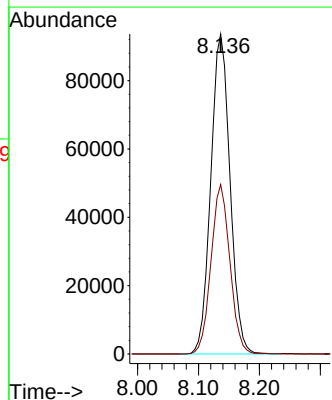
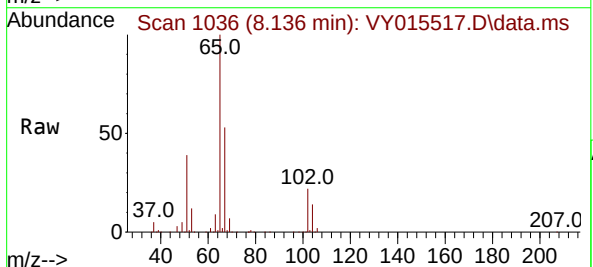
Instrument :
MSVOA_Y
ClientSampleId :
B103-07(3.5-4)

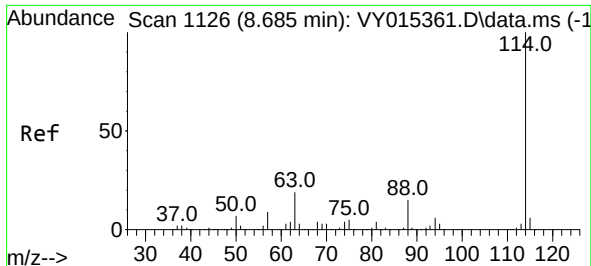
Tgt Ion:168 Resp: 327188
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.529 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

Tgt Ion: 65 Resp: 205285
Ion Ratio Lower Upper
65 100
67 52.0 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: VY015517.D

Acq: 12 Sep 2023 18:58

Instrument :

MSVOA_Y

ClientSampleId :

B103-07(3.5-4)

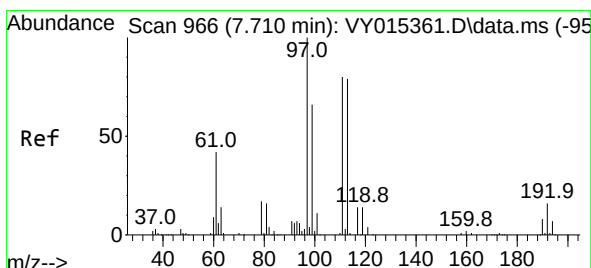
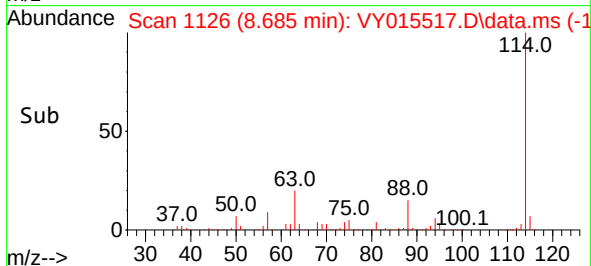
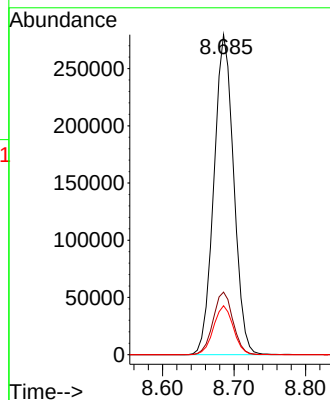
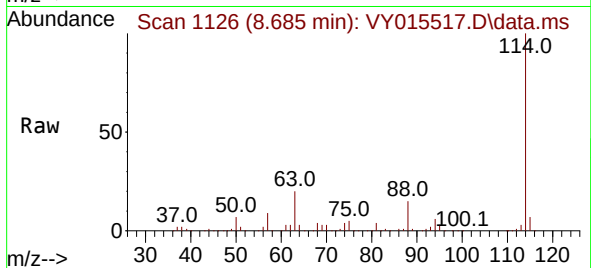
Tgt Ion:114 Resp: 537935

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.088 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015517.D

Acq: 12 Sep 2023 18:58

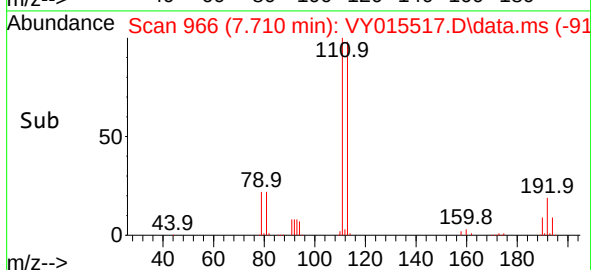
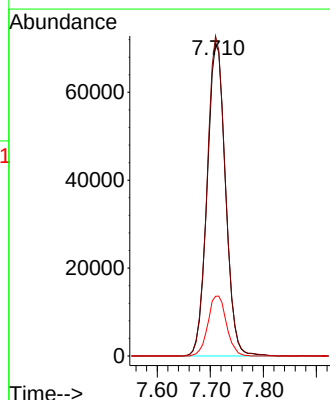
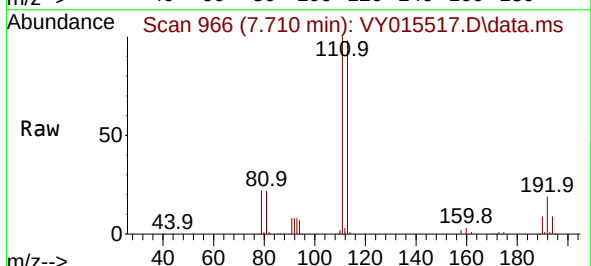
Tgt Ion:113 Resp: 170684

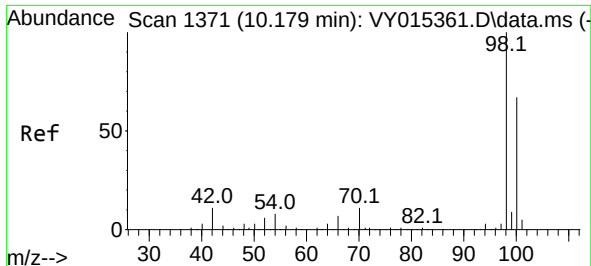
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.4 16.9 25.3

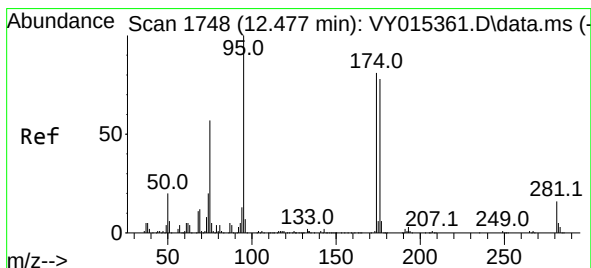
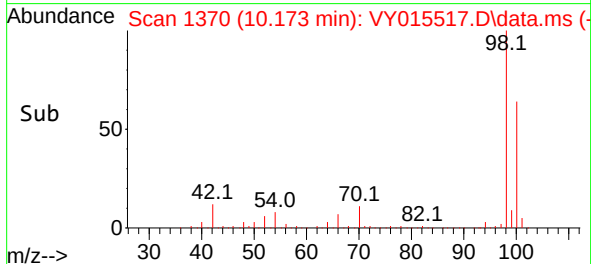
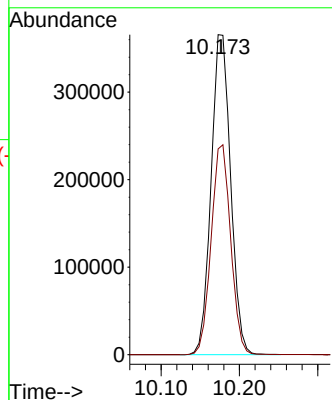
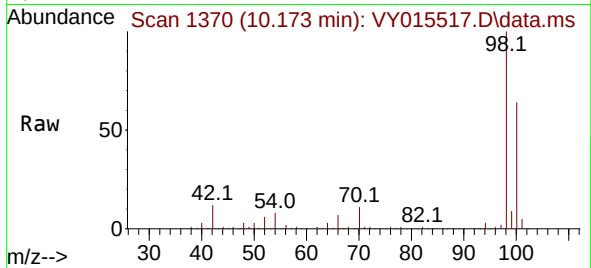




#50
Toluene-d8
Concen: 56.449 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

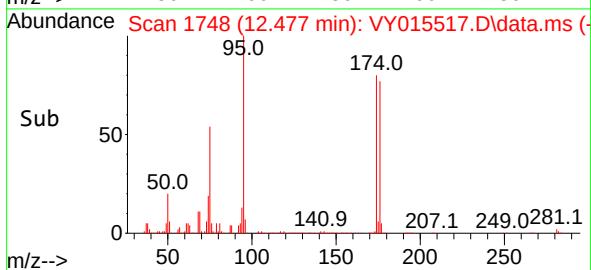
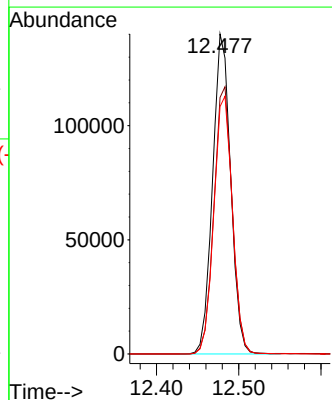
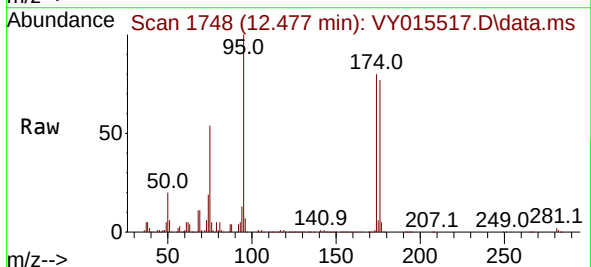
Instrument :
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B103-07(3.5-4)

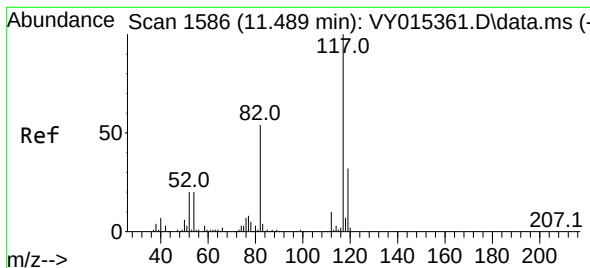
Tgt Ion: 98 Resp: 633385
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

Tgt Ion: 95 Resp: 214291
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015517.D

Acq: 12 Sep 2023 18:58

Instrument :

MSVOA_Y

ClientSampleId :

B103-07(3.5-4)

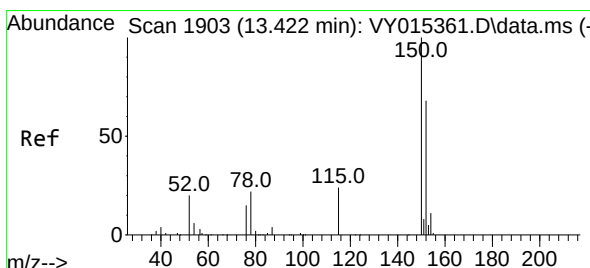
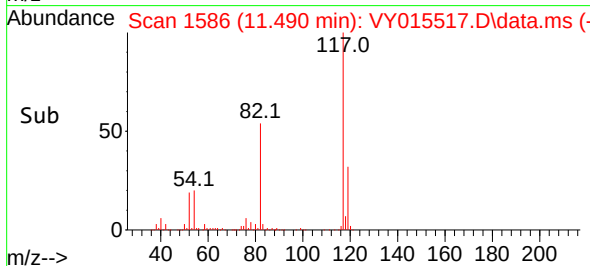
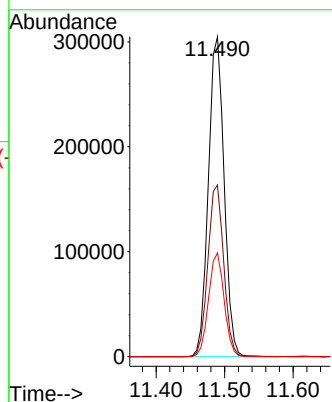
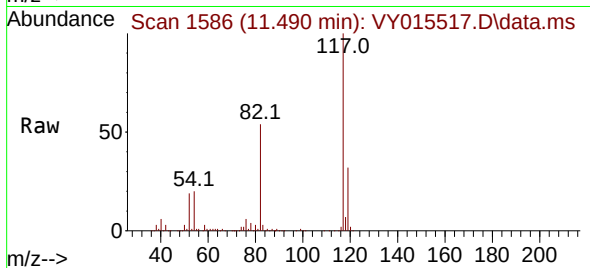
Tgt Ion:117 Resp: 488319

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.4 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: VY015517.D

Acq: 12 Sep 2023 18:58

Tgt Ion:152 Resp: 226541

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 154.8 0.0 348.8

