

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015890.D
 Acq On : 10 Oct 2023 12:33
 Operator : SY/MD
 Sample : 04804-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-100623

Quant Time: Oct 11 01:18:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	11463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	17901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	15128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	5144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5927	57.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.920%
35) Dibromofluoromethane	7.734	113	5150	51.579	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.191	98	19466	59.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.300%
62) 4-Bromofluorobenzene	12.489	95	5313	39.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.500%

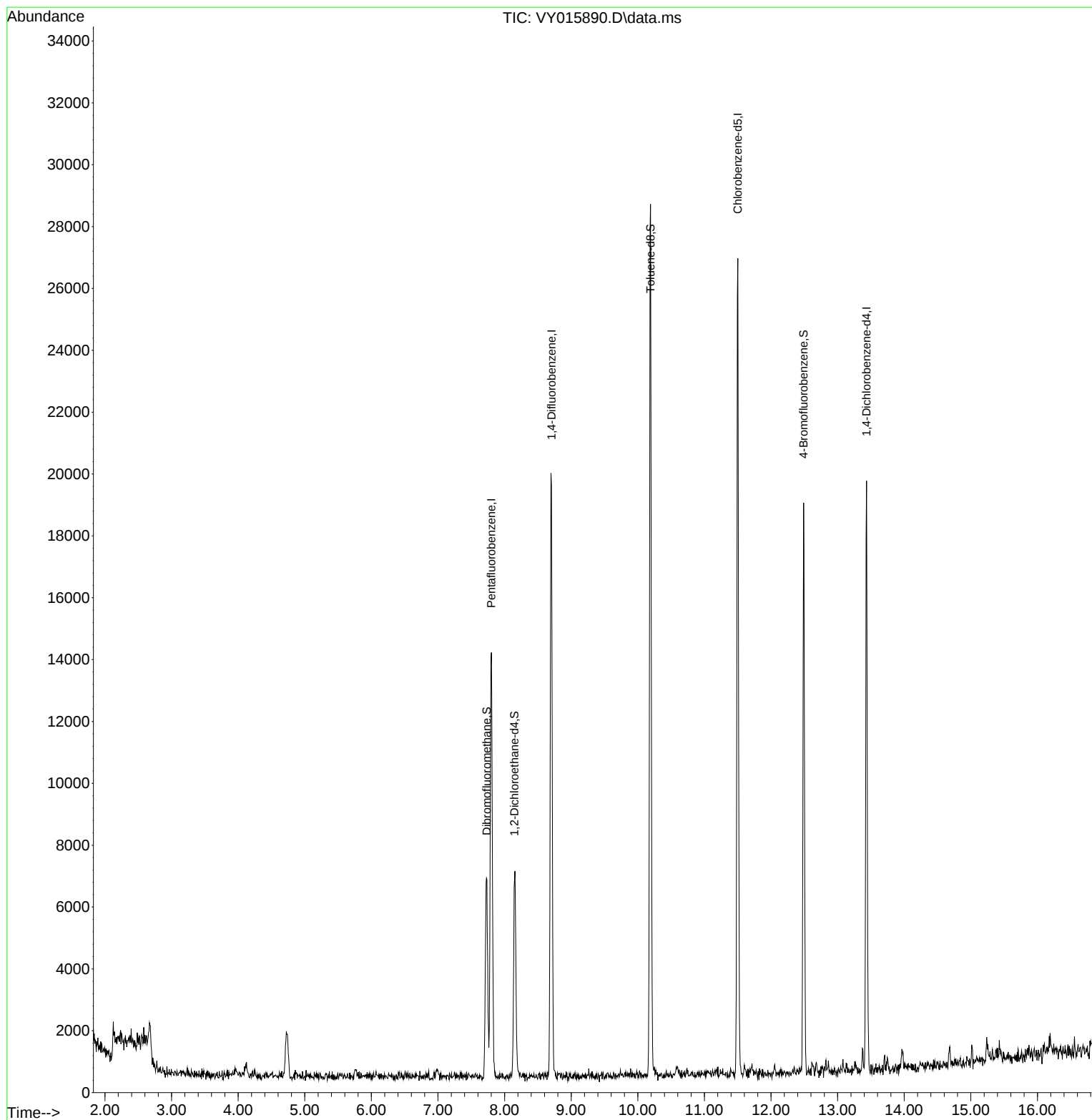
Target Compounds	Qvalue

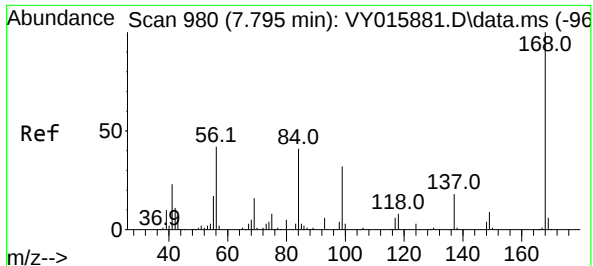
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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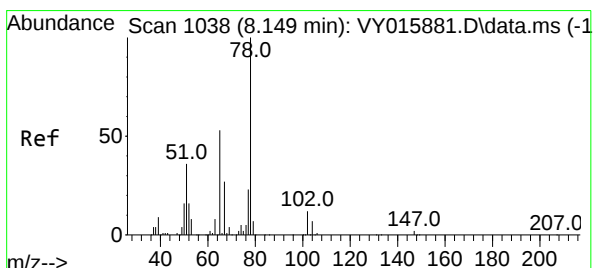
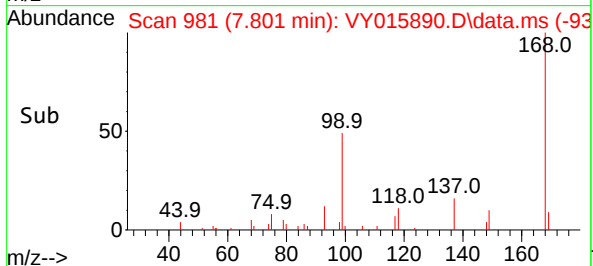
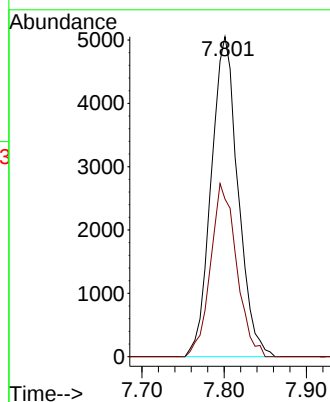
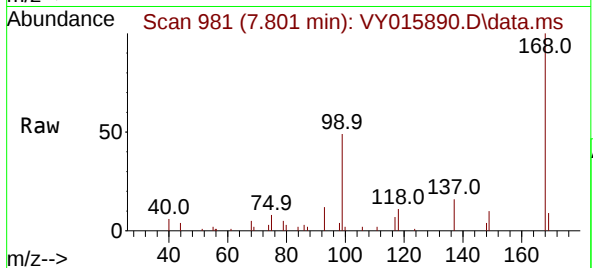




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY015890.D
Acq: 10 Oct 2023 12:33

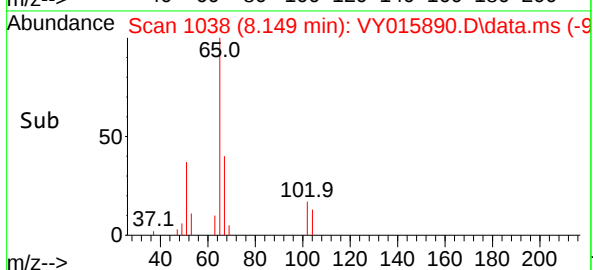
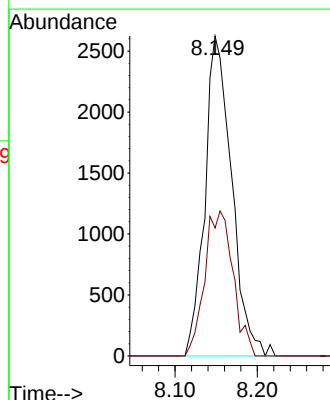
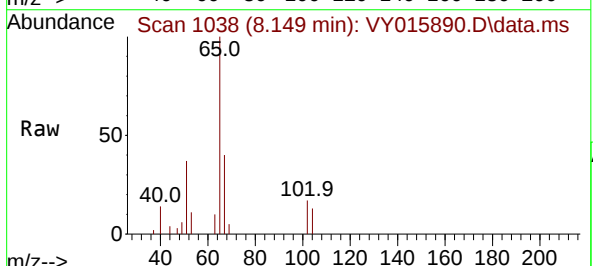
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-100623

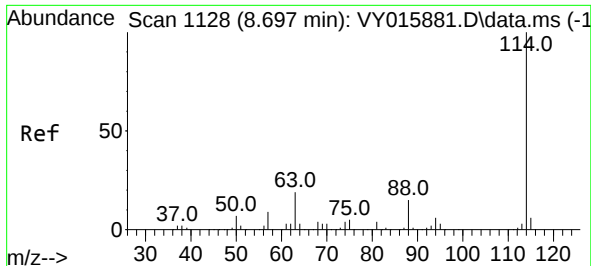
Tgt Ion:168 Resp: 11463
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.463 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015890.D
Acq: 10 Oct 2023 12:33

Tgt Ion: 65 Resp: 5927
Ion Ratio Lower Upper
65 100
67 48.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY015890.D

Acq: 10 Oct 2023 12:33

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-100623

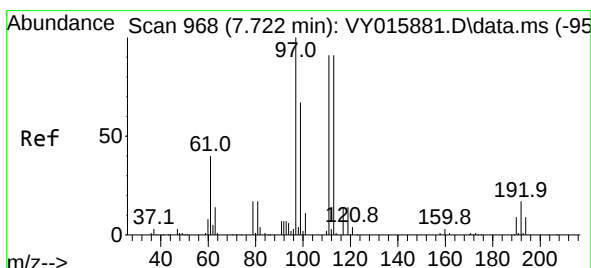
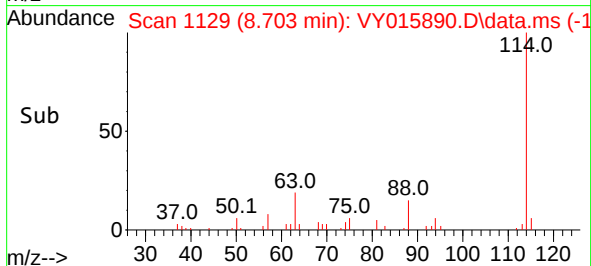
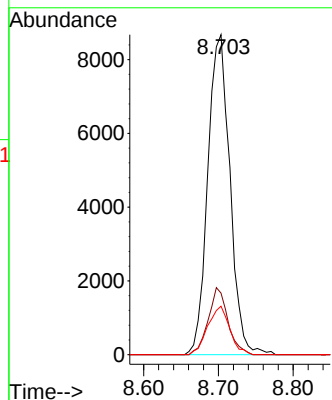
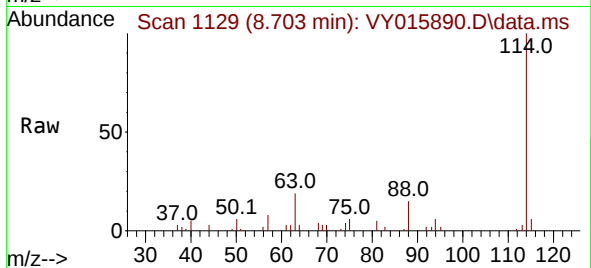
Tgt Ion:114 Resp: 17901

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.579 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY015890.D

Acq: 10 Oct 2023 12:33

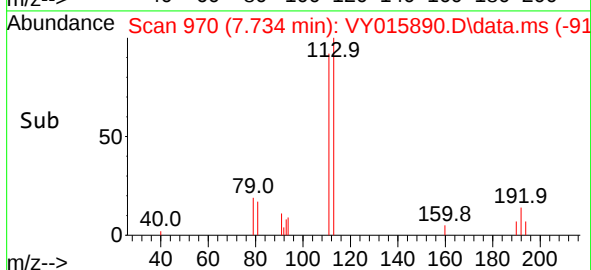
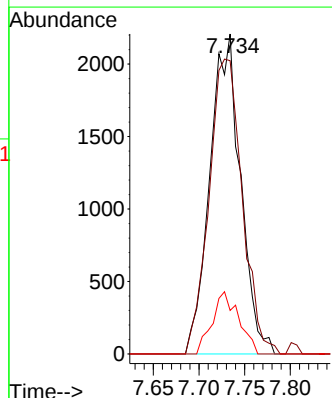
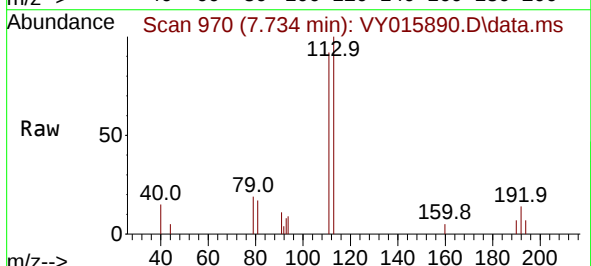
Tgt Ion:113 Resp: 5150

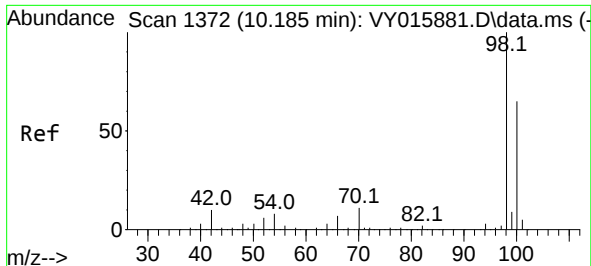
Ion Ratio Lower Upper

113 100

111 99.8 81.3 121.9

192 16.8 16.9 25.3#





#50

Toluene-d8

Concen: 59.155 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015890.D

Acq: 10 Oct 2023 12:33

Instrument :

MSVOA_Y

ClientSampleId :

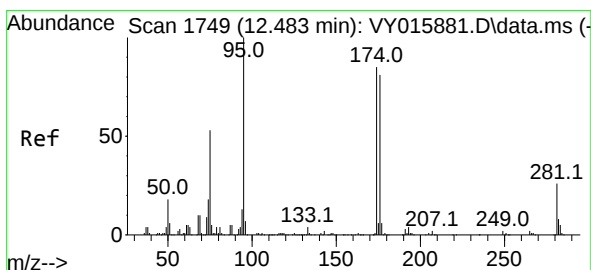
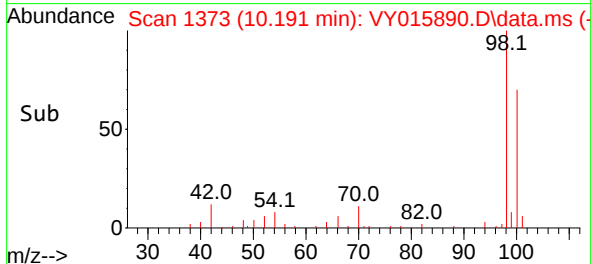
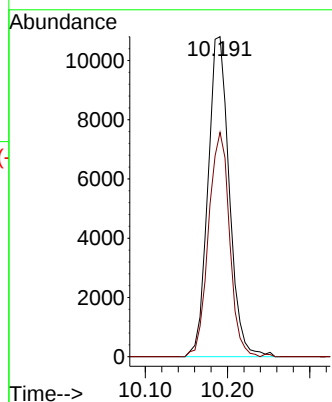
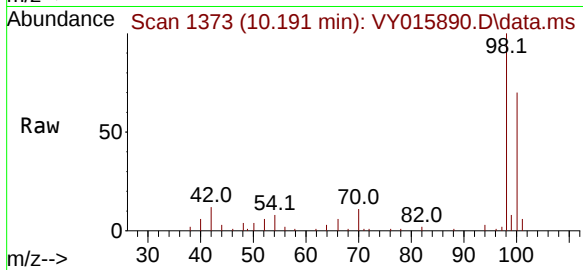
HD-02-100623

Tgt Ion: 98 Resp: 19466

Ion Ratio Lower Upper

98 100

100 68.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.750 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015890.D

Acq: 10 Oct 2023 12:33

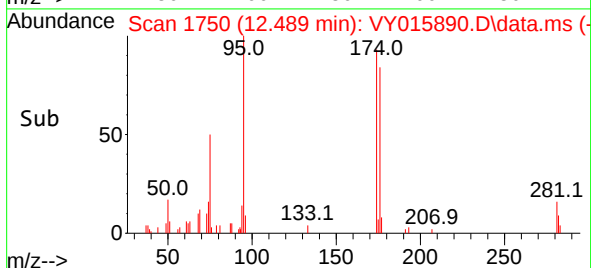
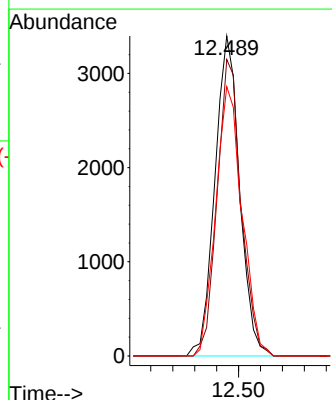
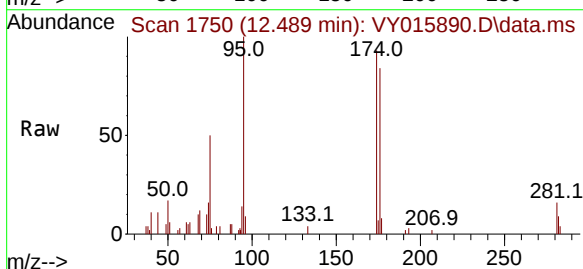
Tgt Ion: 95 Resp: 5313

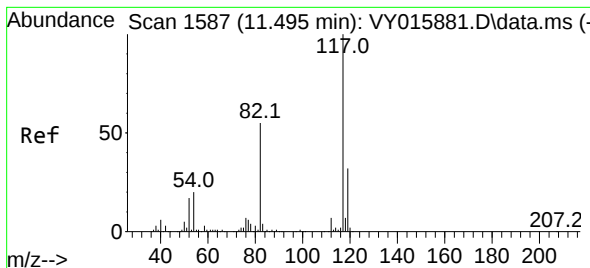
Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.2

176 89.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015890.D

Acq: 10 Oct 2023 12:33

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-100623

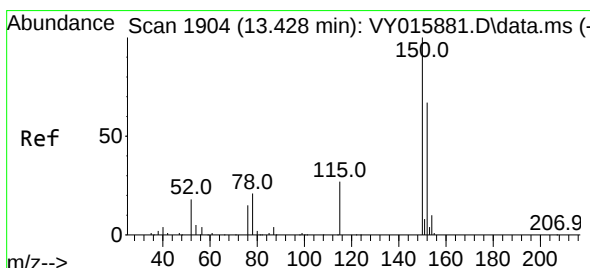
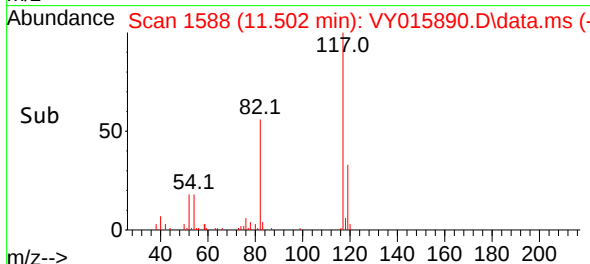
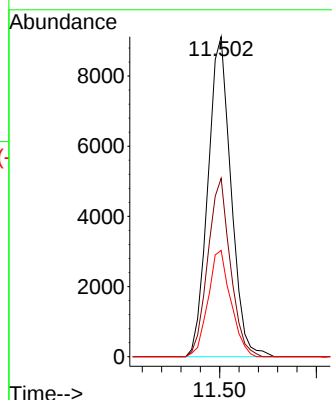
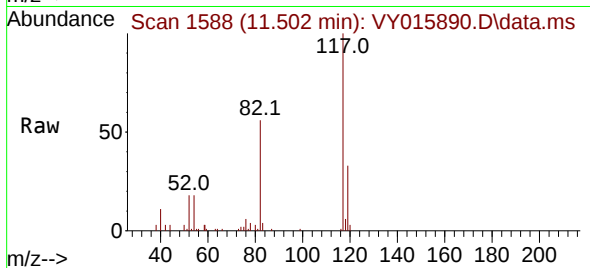
Tgt Ion:117 Resp: 15128

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 33.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015890.D

Acq: 10 Oct 2023 12:33

Tgt Ion:152 Resp: 5144

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 164.7 0.0 348.8

