

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013865.D
 Acq On : 25 May 2023 12:06
 Operator : KP/MD
 Sample : 02886-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: May 25 15:20:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	16350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12070	63.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.620%
35) Dibromofluoromethane	7.722	113	9801	57.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.860%
50) Toluene-d8	10.179	98	30800	47.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.483	95	8450	39.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.380%

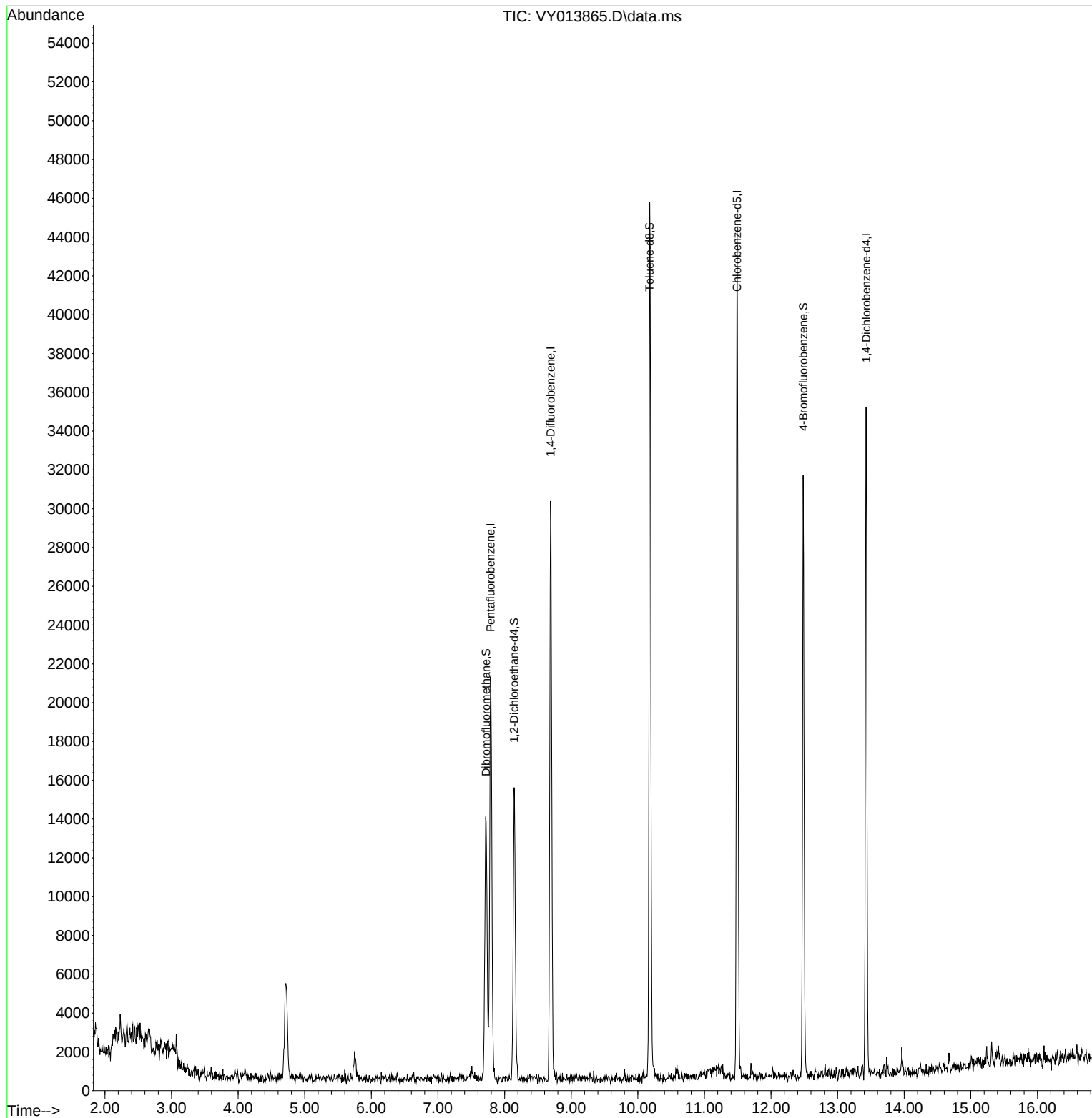
Target Compounds	Qvalue

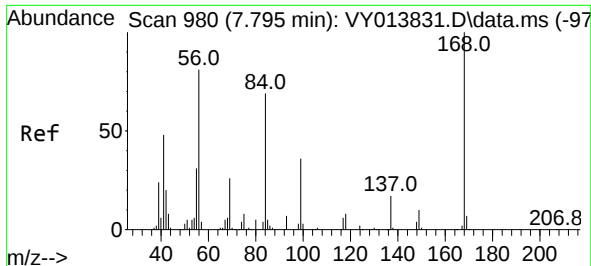
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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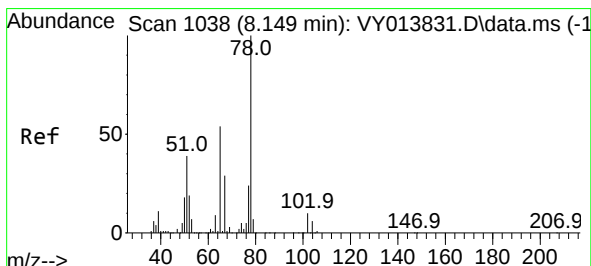
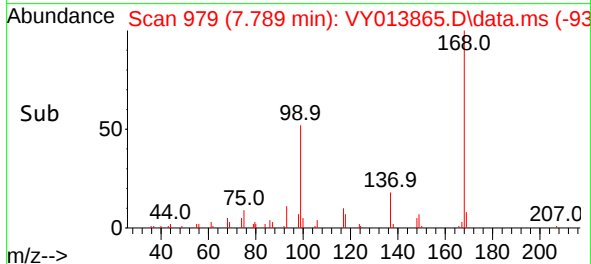
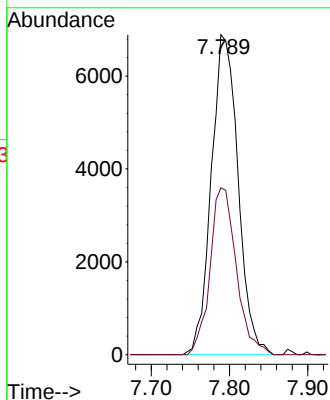
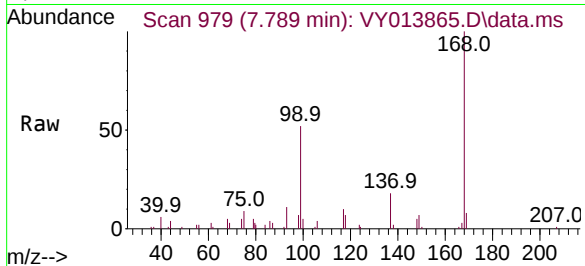




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013865.D
Acq: 25 May 2023 12:06

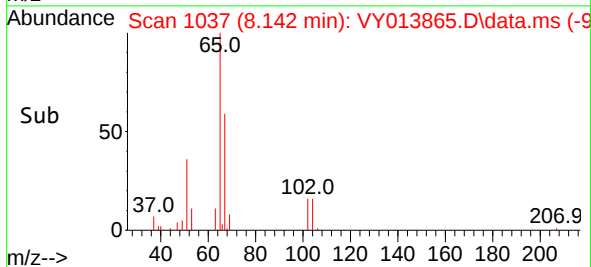
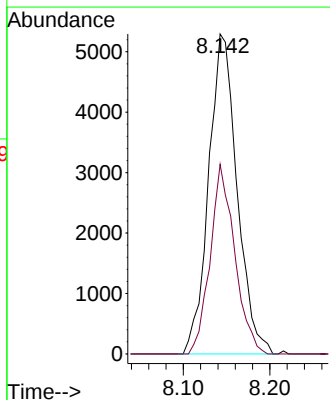
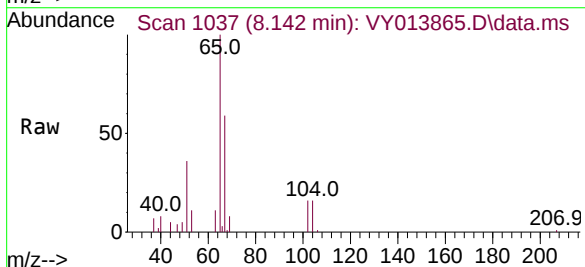
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

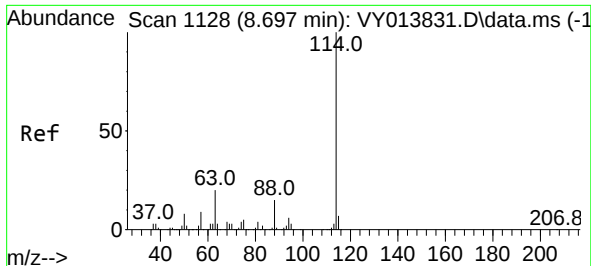
Tgt Ion:168 Resp: 16350
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 63.811 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013865.D
Acq: 25 May 2023 12:06

Tgt Ion: 65 Resp: 12070
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013865.D

Acq: 25 May 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

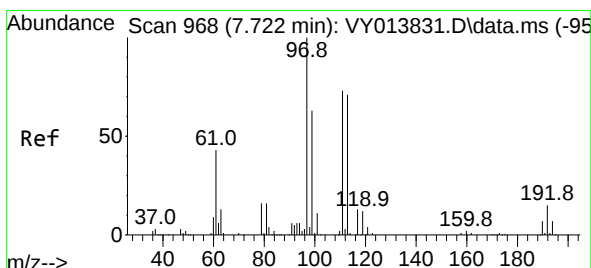
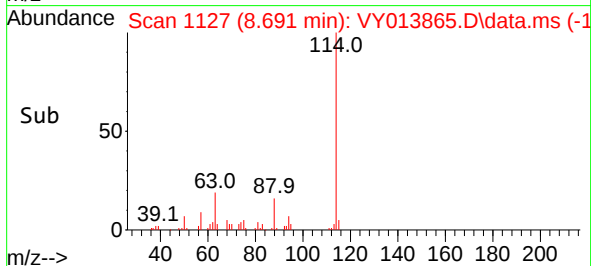
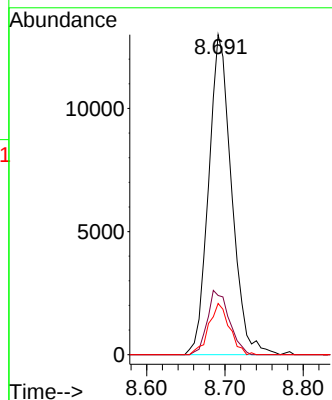
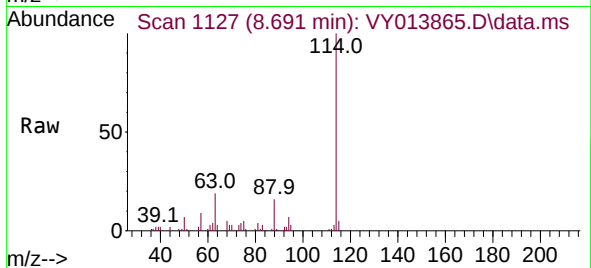
Tgt Ion:114 Resp: 26426

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.2

88 16.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 57.430 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013865.D

Acq: 25 May 2023 12:06

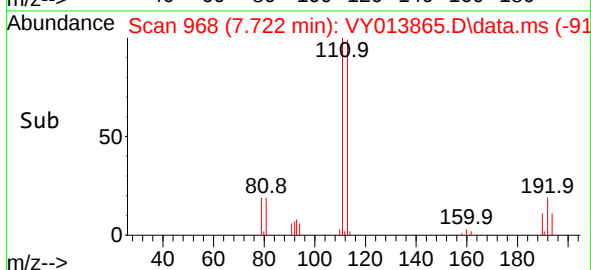
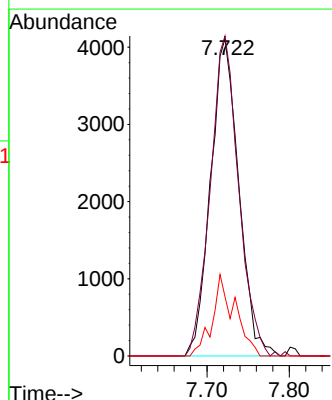
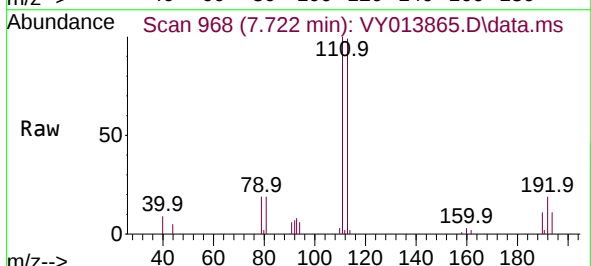
Tgt Ion:113 Resp: 9801

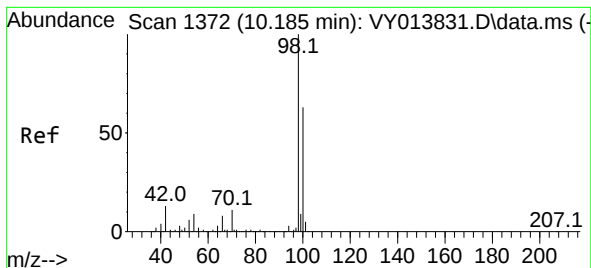
Ion Ratio Lower Upper

113 100

111 101.4 80.4 120.6

192 20.7 16.6 25.0





#50

Toluene-d8

Concen: 47.485 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013865.D

Acq: 25 May 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

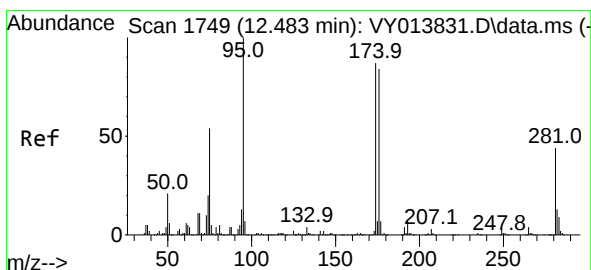
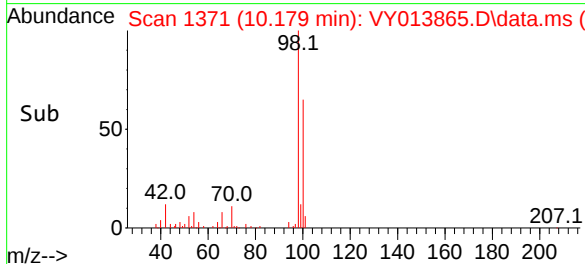
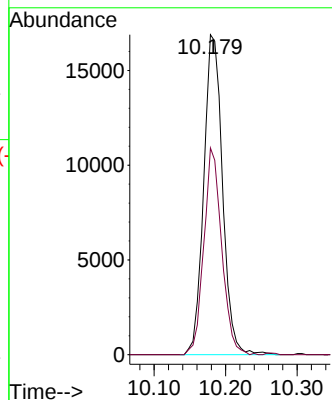
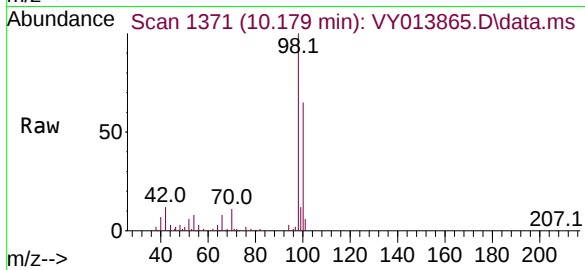
WC-1

Tgt Ion: 98 Resp: 30800

Ion Ratio Lower Upper

98 100

100 61.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 39.192 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013865.D

Acq: 25 May 2023 12:06

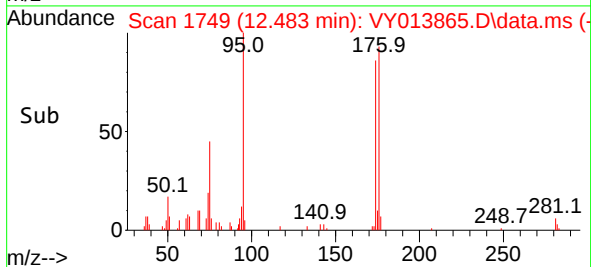
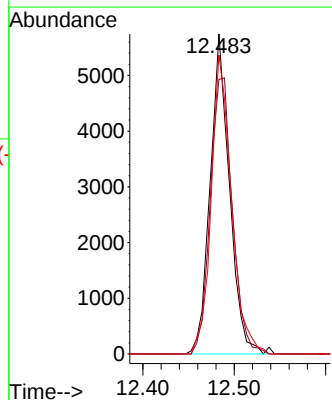
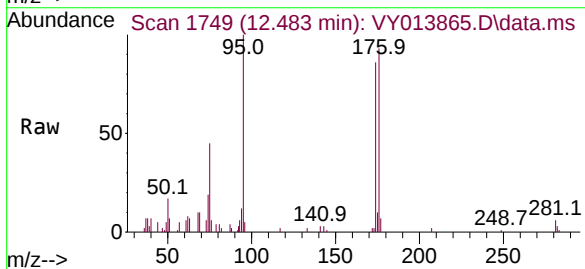
Tgt Ion: 95 Resp: 8450

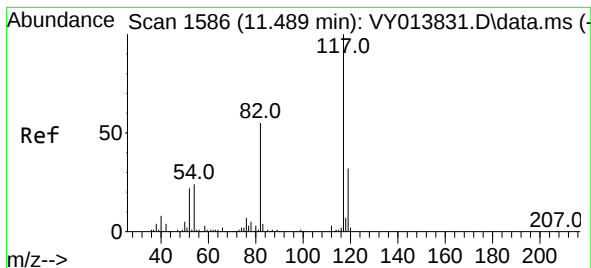
Ion Ratio Lower Upper

95 100

174 98.6 0.0 176.0

176 97.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013865.D

Acq: 25 May 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

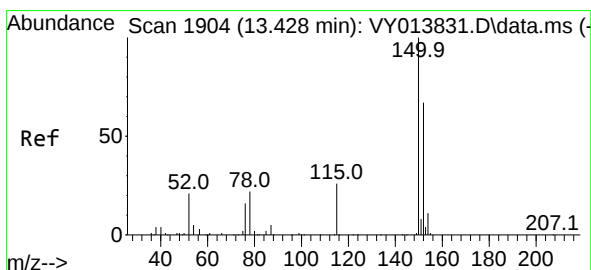
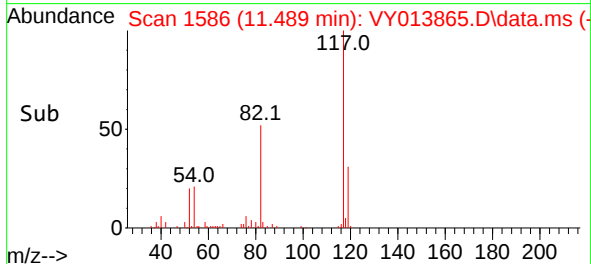
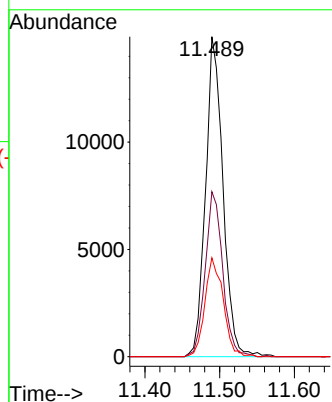
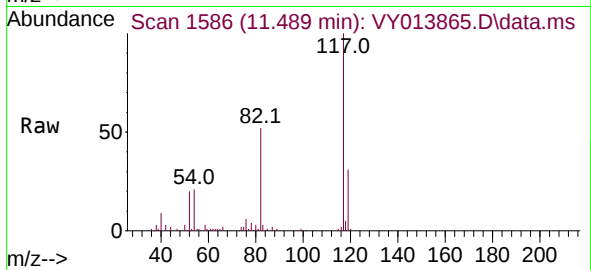
Tgt Ion:117 Resp: 24257

Ion Ratio Lower Upper

117 100

82 51.5 44.2 66.4

119 30.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013865.D

Acq: 25 May 2023 12:06

Tgt Ion:152 Resp: 9273

Ion Ratio Lower Upper

152 100

115 53.2 28.8 86.5

150 157.4 0.0 353.4

