

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014460.D
 Acq On : 27 Jun 2023 15:59
 Operator : KP/MD
 Sample : 03398-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Jun 28 01:57:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	1303	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	184	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	843	67.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.840%
35) Dibromofluoromethane	7.716	113	196	17.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.480%#
50) Toluene-d8	10.185	98	1933	42.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.560%
62) 4-Bromofluorobenzene	12.483	95	281	17.418	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.840%

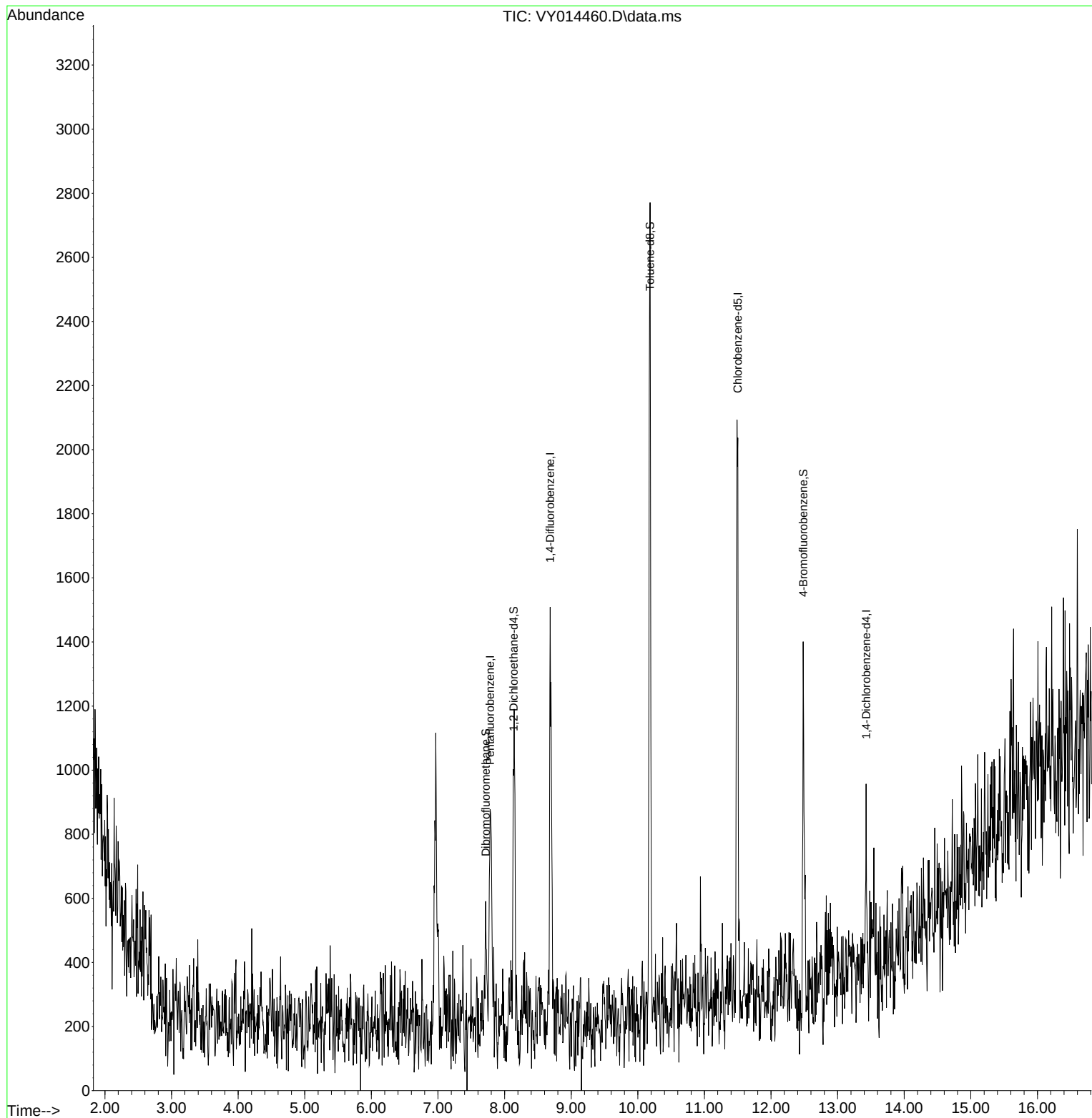
Target Compounds	Qvalue

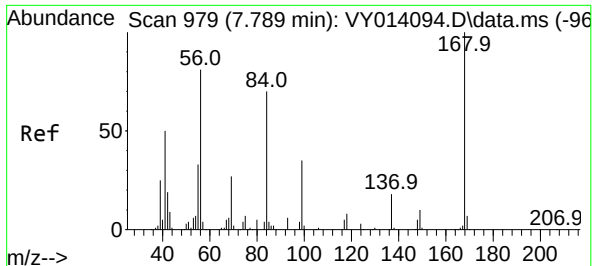
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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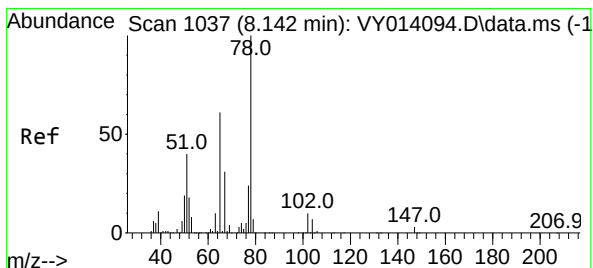
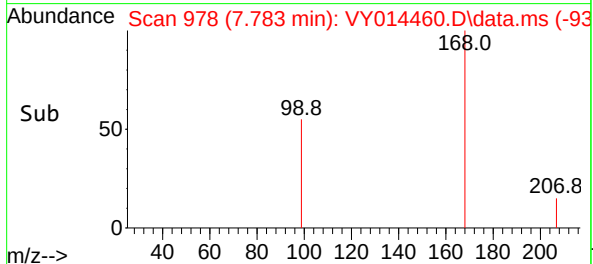
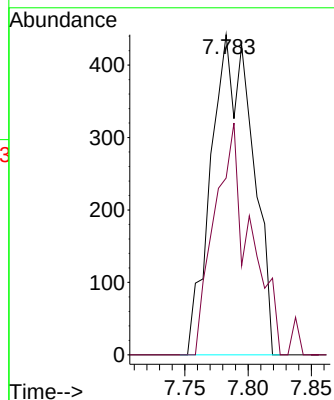
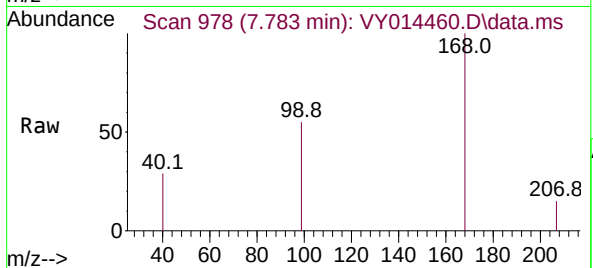




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

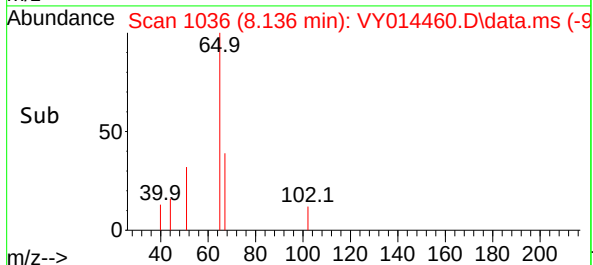
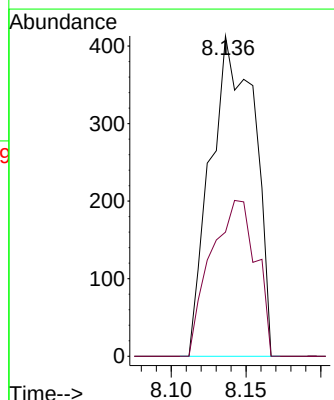
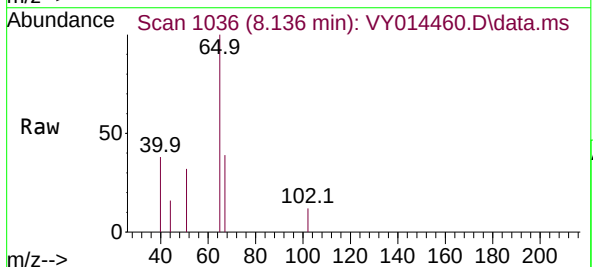
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

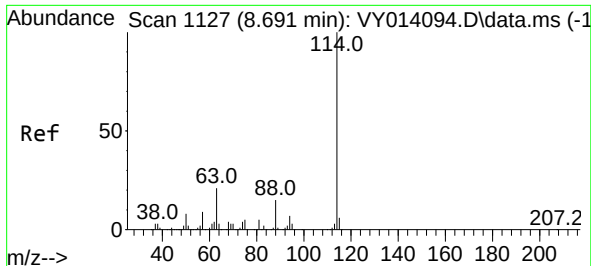
Tgt Ion:168 Resp: 1007
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.425 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

Tgt Ion: 65 Resp: 843
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

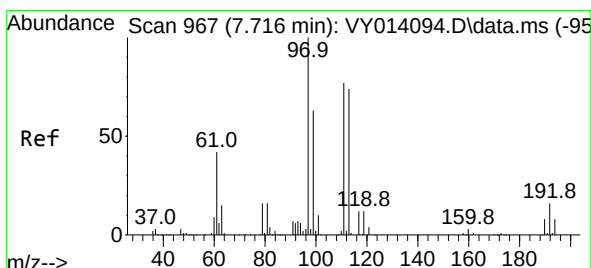
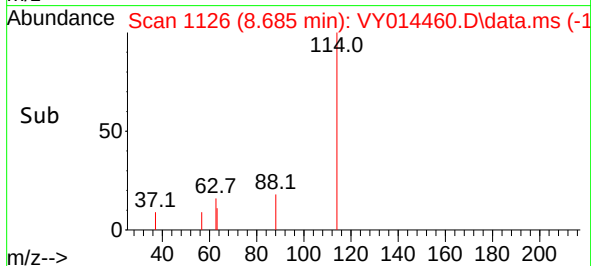
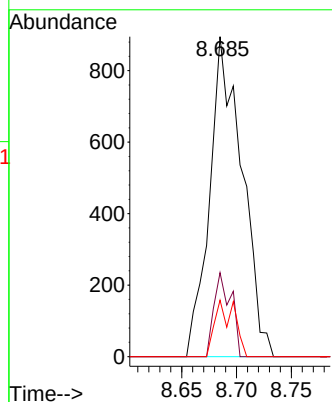
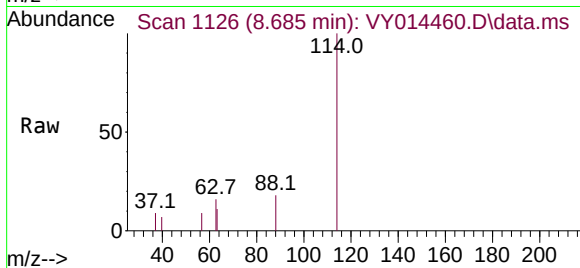
Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

Tgt Ion:114	Resp:	1840
Ion	Ratio	Lower Upper
114	100	
63	26.3	0.0 42.4
88	17.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 17.242 ug/l

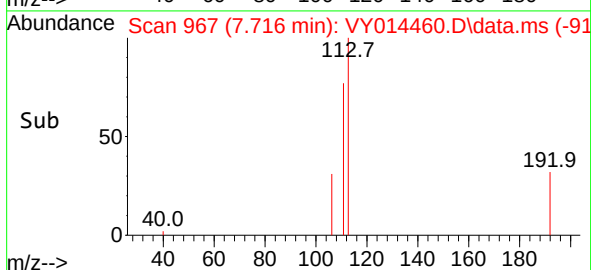
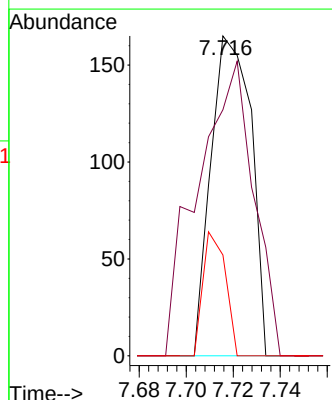
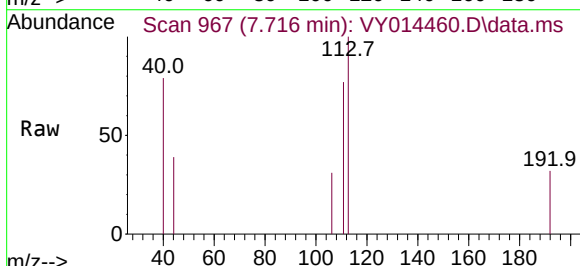
RT: 7.716 min Scan# 967

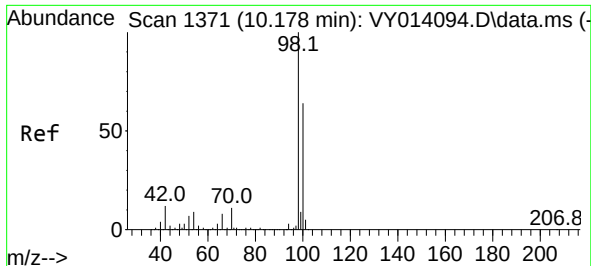
Delta R.T. -0.000 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Tgt Ion:113	Resp:	196
Ion	Ratio	Lower Upper
113	100	
111	128.1	81.3 121.9#
192	21.4	16.9 25.3

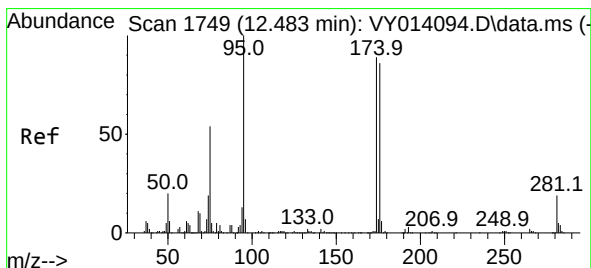
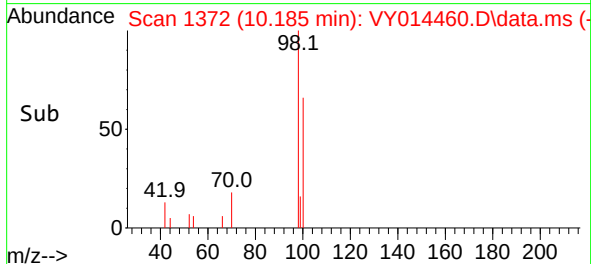
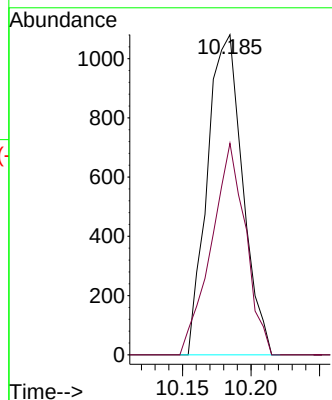
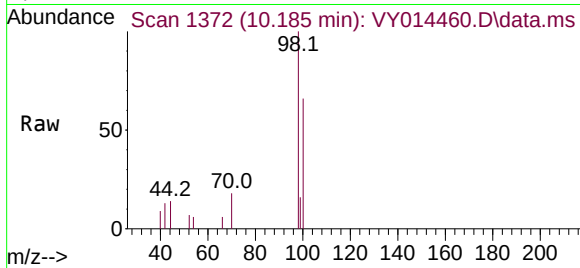




#50
Toluene-d8
Concen: 42.776 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

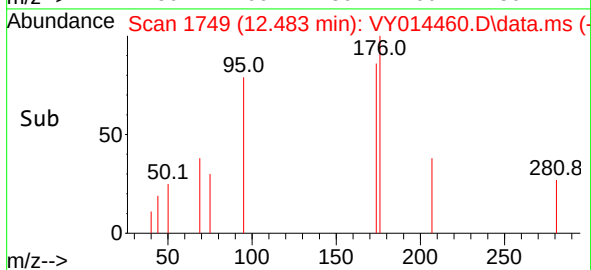
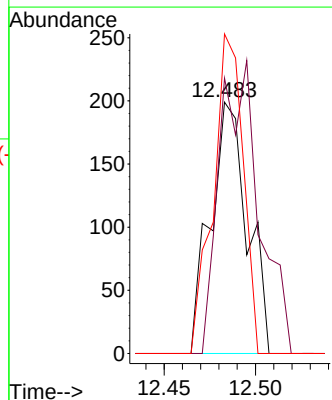
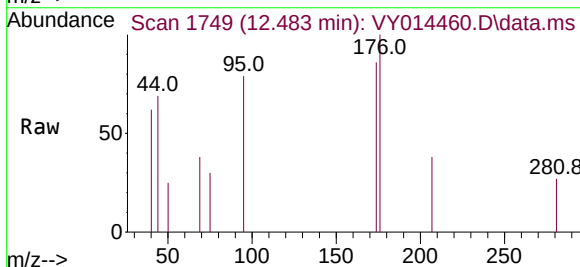
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

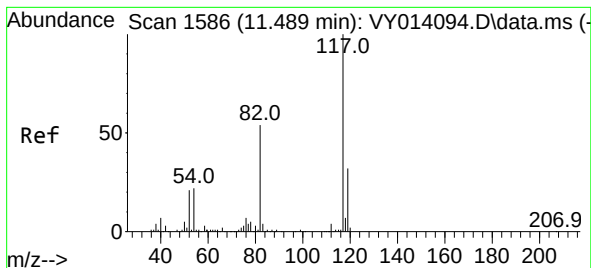
Tgt Ion: 98 Resp: 1933
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 17.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

Tgt Ion: 95 Resp: 281
Ion Ratio Lower Upper
95 100
174 124.2 0.0 178.2
176 102.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

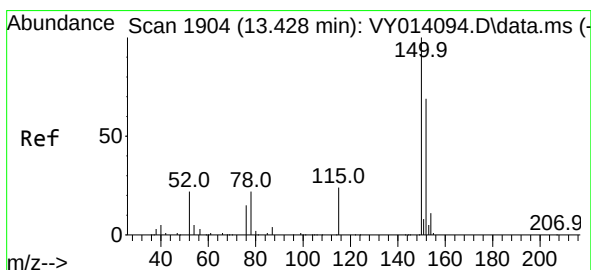
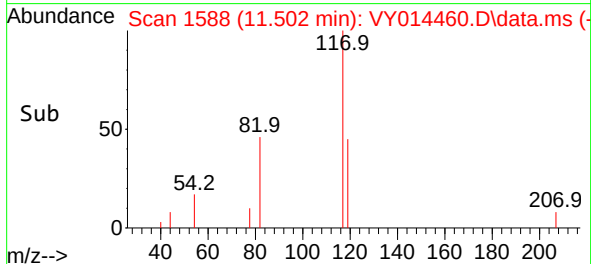
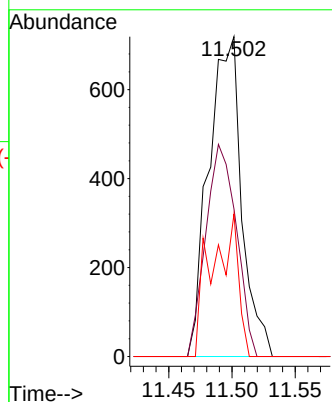
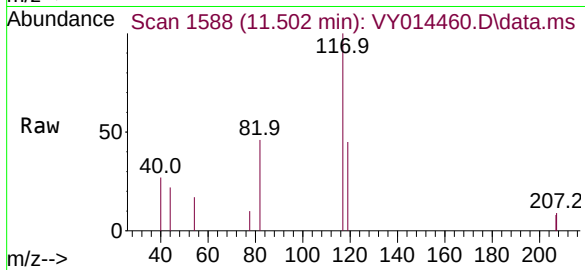
Tgt Ion:117 Resp: 1303

Ion Ratio Lower Upper

117 100

82 46.2 43.4 65.0

119 44.5 26.3 39.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Tgt Ion:152 Resp: 184

Ion Ratio Lower Upper

152 100

115 10.9 28.8 86.5#

150 164.1 0.0 348.8

