

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009224.D
 Acq On : 17 Jun 2022 14:08
 Operator : KP/MD
 Sample : N3384-01
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Jun 17 22:52:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

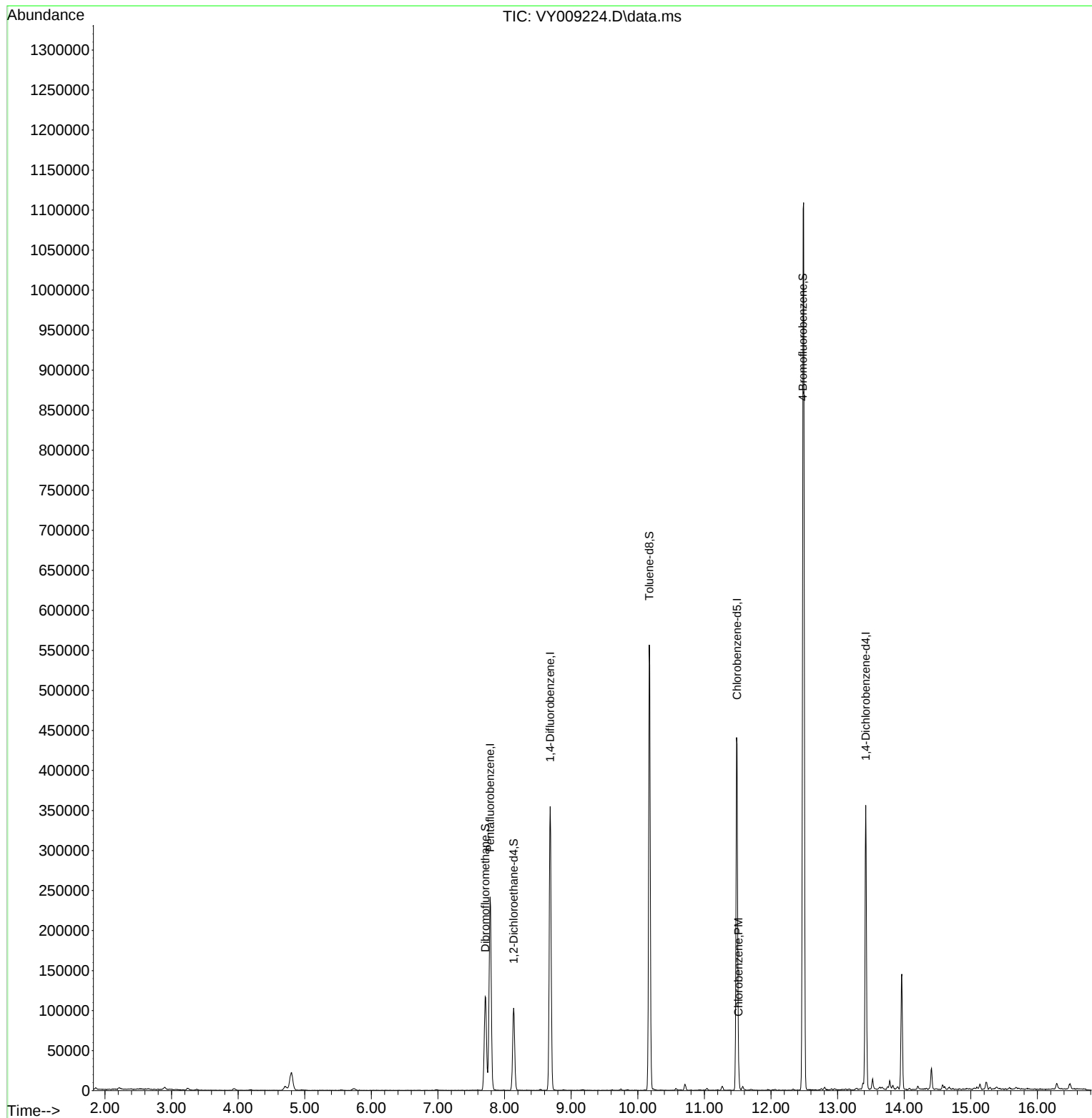
Internal Standards						
1) Pentafluorobenzene	7.783	168	189075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76615	38.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.580%
35) Dibromofluoromethane	7.710	113	81787	42.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.740%
50) Toluene-d8	10.173	98	354760	48.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.477	95	97451	37.758	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.520%
Target Compounds						
					Qvalue	
65) Chlorobenzene	11.514	112	9974	1.918	ug/l	99

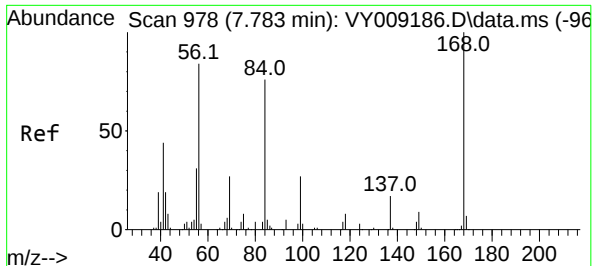
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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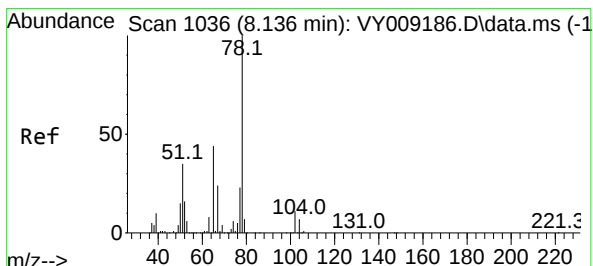
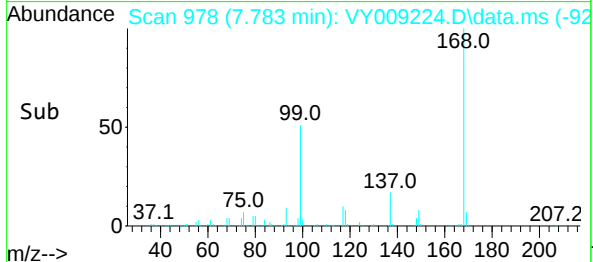
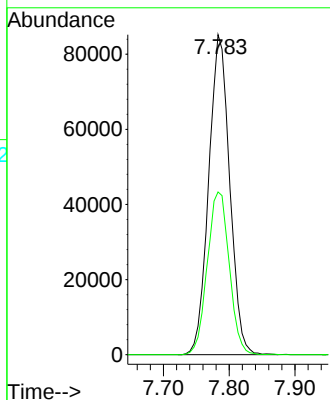
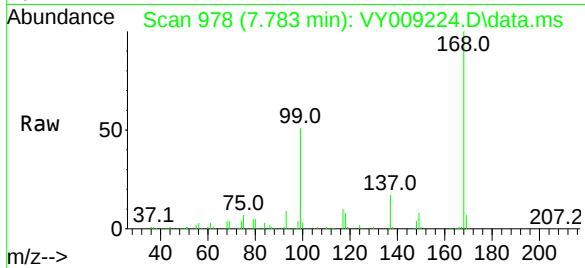




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

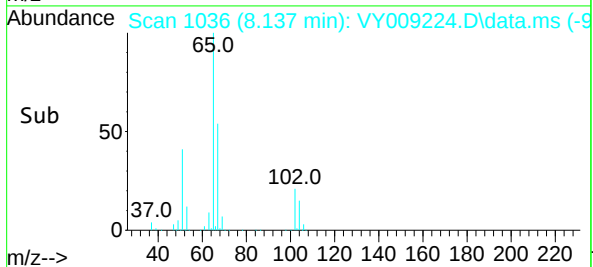
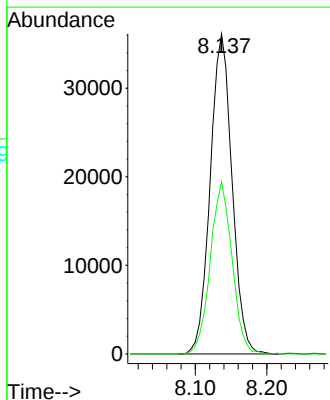
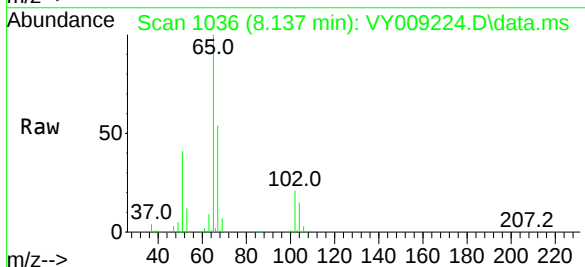
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

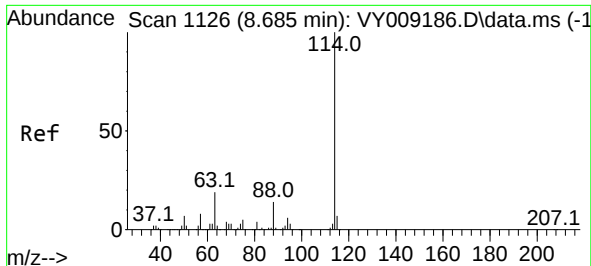
Tgt Ion:168 Resp: 189075
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 38.791 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion: 65 Resp: 76615
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

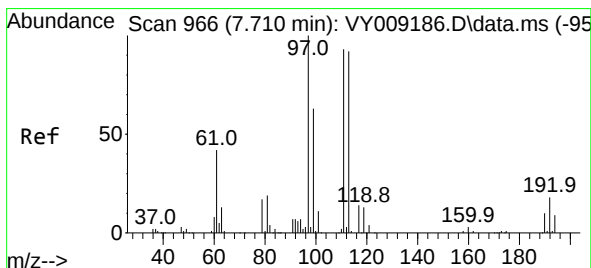
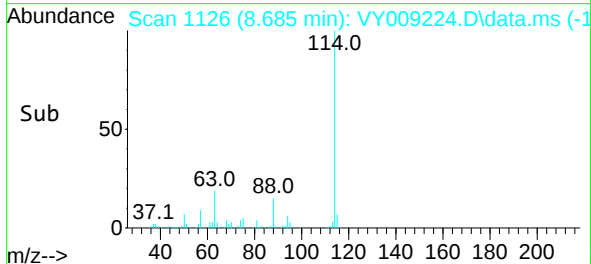
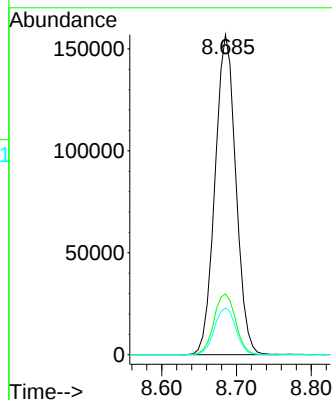
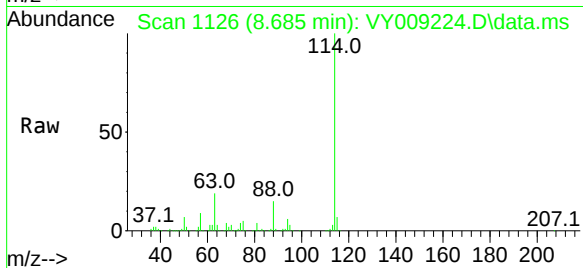
Tgt Ion:114 Resp: 304320

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.866 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

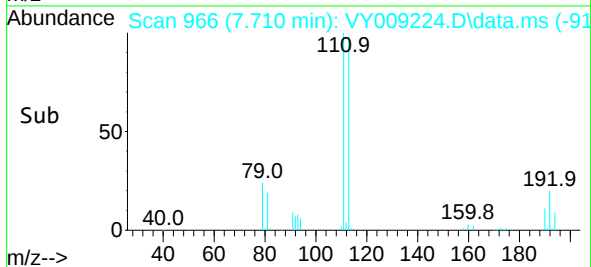
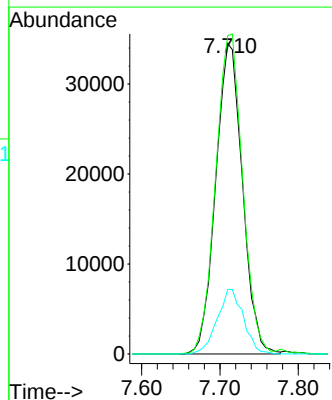
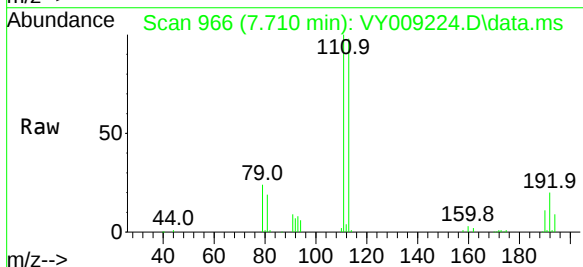
Tgt Ion:113 Resp: 81787

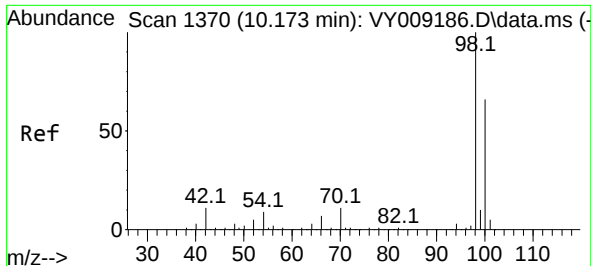
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 20.4 17.6 26.4

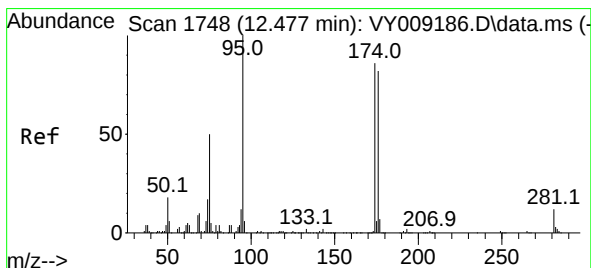
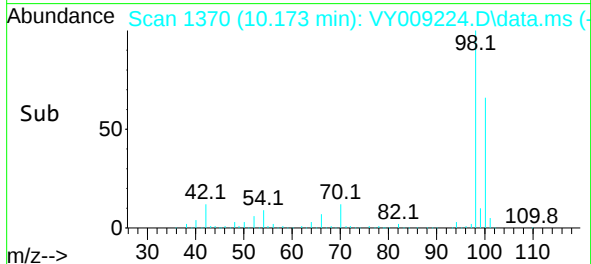
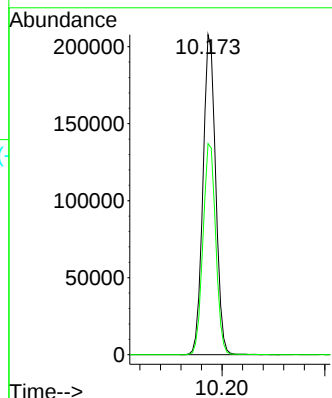
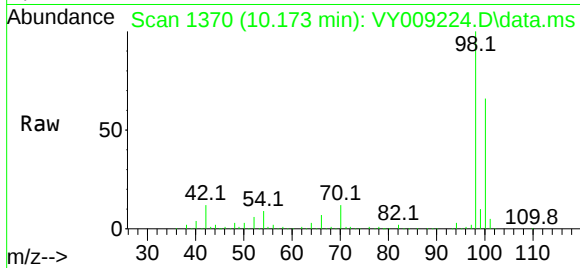




#50
Toluene-d8
Concen: 48.845 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

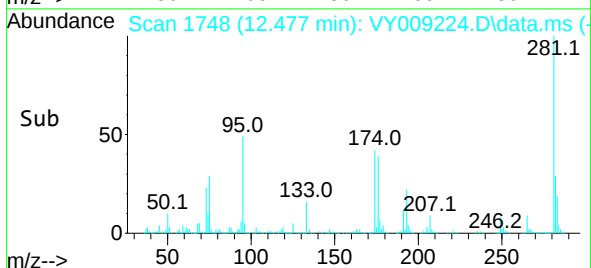
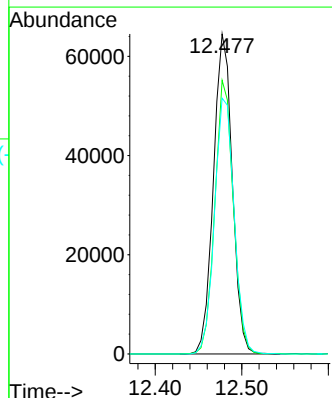
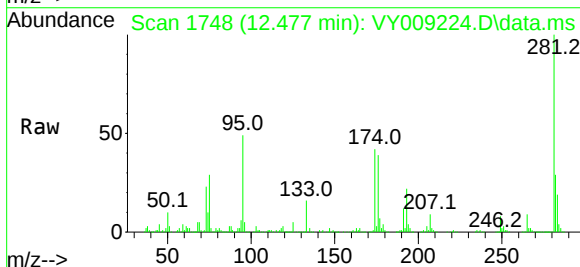
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

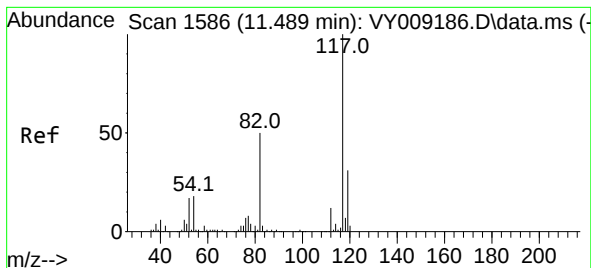
Tgt Ion: 98 Resp: 354760
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.758 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009224.D
Acq: 17 Jun 2022 14:08

Tgt Ion: 95 Resp: 97451
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 83.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY009224.D

Acq: 17 Jun 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

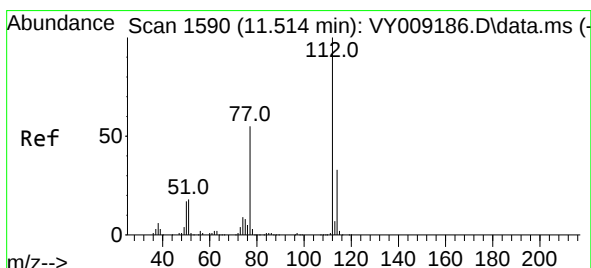
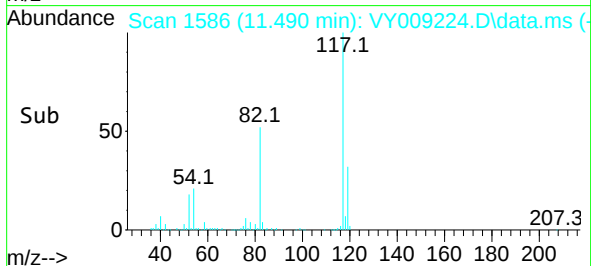
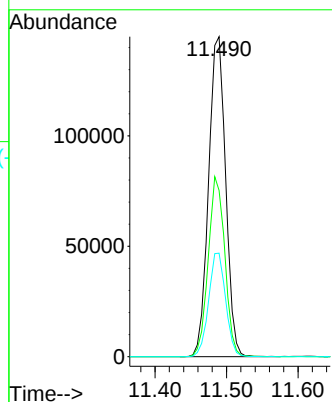
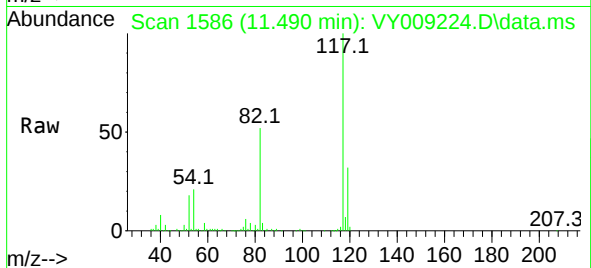
Tgt Ion:117 Resp: 240014

Ion Ratio Lower Upper

117 100

82 51.9 43.0 64.4

119 32.4 25.4 38.0



#65

Chlorobenzene

Concen: 1.918 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009224.D

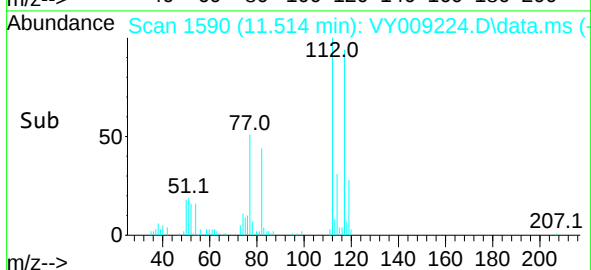
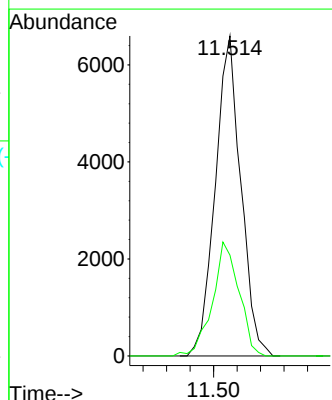
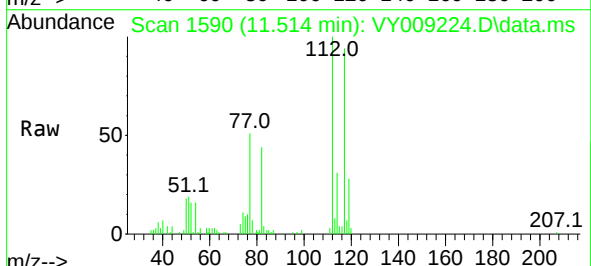
Acq: 17 Jun 2022 14:08

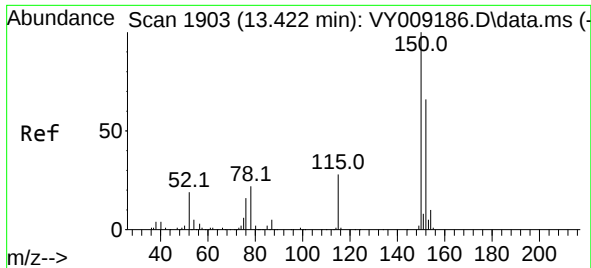
Tgt Ion:112 Resp: 9974

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009224.D

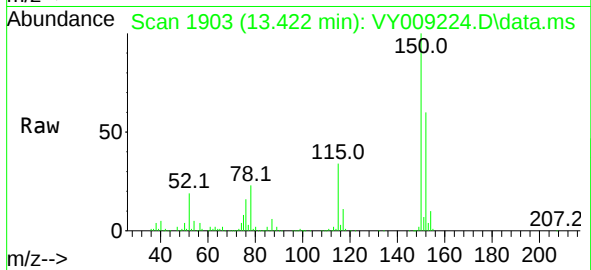
Acq: 17 Jun 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-3



Tgt Ion:152 Resp: 87835

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 159.0 0.0 347.6

