

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009232.D
 Acq On : 17 Jun 2022 17:15
 Operator : KP/MD
 Sample : N3371-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-211

Quant Time: Jun 17 22:55:39 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)

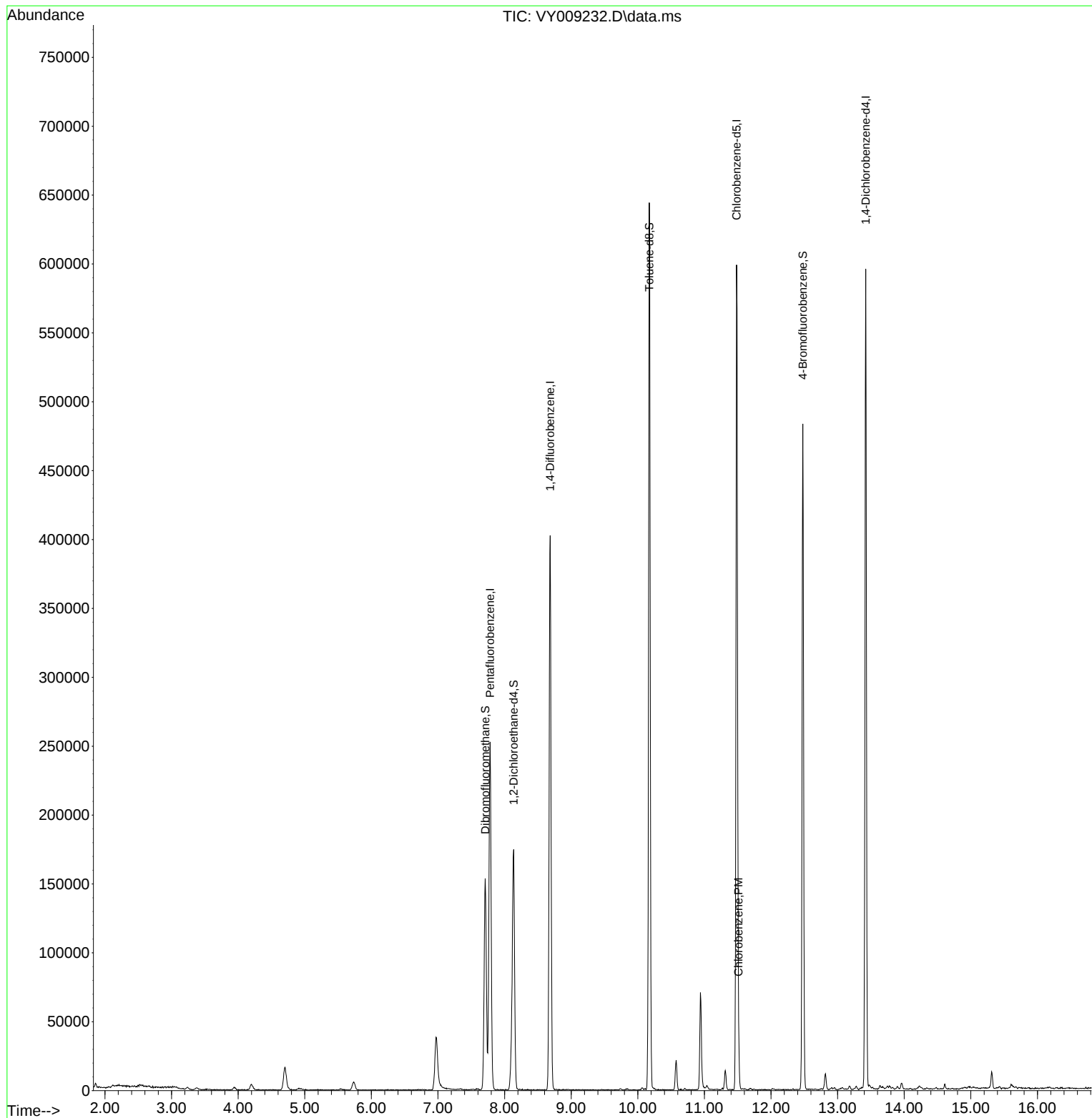
Internal Standards						
1) Pentafluorobenzene	7.783	168	200241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	325420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122192	58.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.840%
35) Dibromofluoromethane	7.710	113	107114	48.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.173	98	412138	49.383	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.477	95	142024	47.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.780%
Target Compounds						
					Qvalue	
65) Chlorobenzene	11.514	112	15126	2.146	ug/l	96

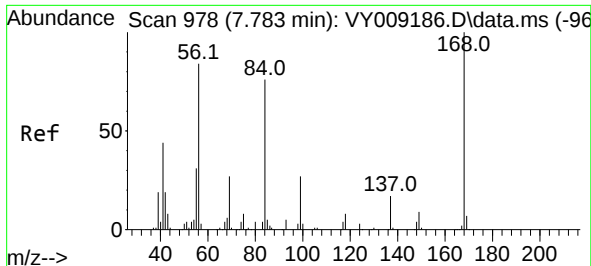
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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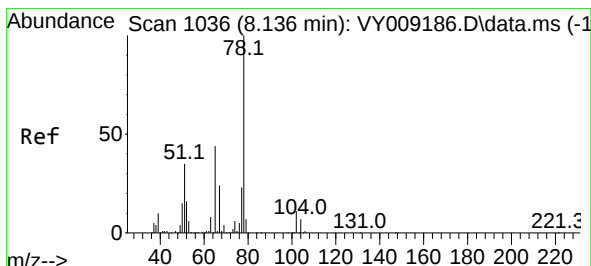
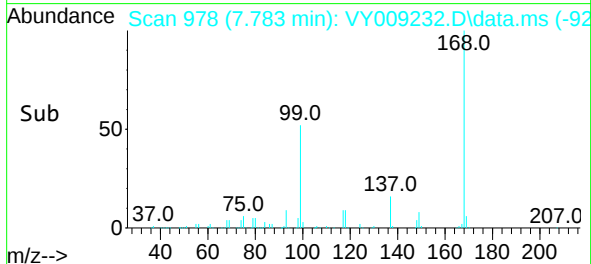
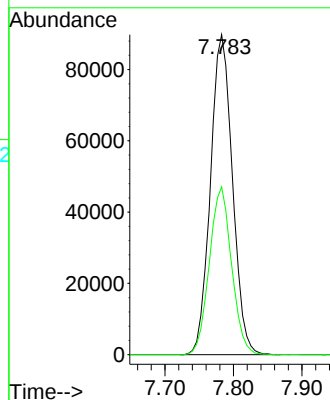
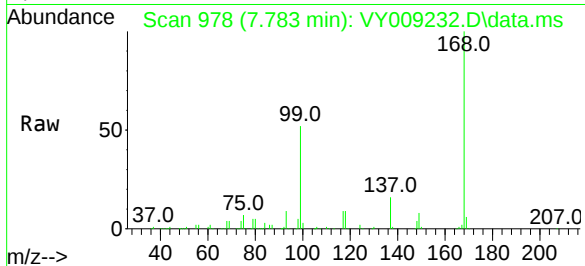




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009232.D
Acq: 17 Jun 2022 17:15

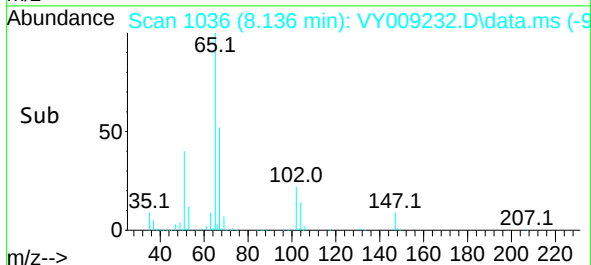
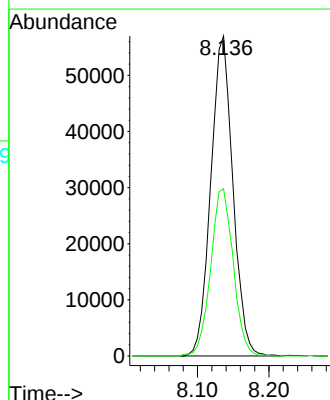
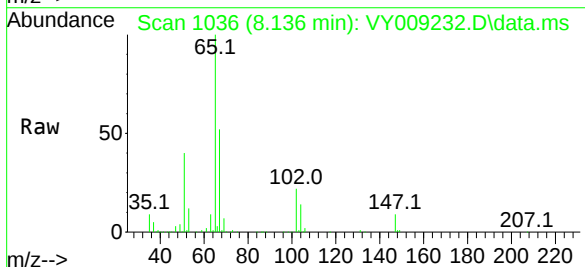
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

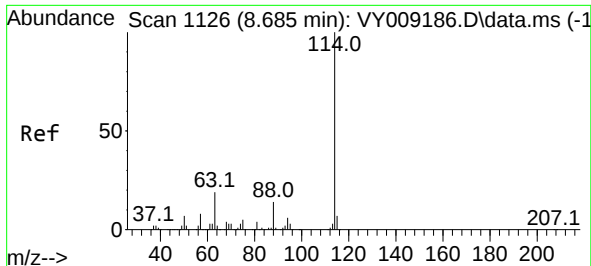
Tgt Ion:168 Resp: 200241
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.417 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009232.D
Acq: 17 Jun 2022 17:15

Tgt Ion: 65 Resp: 122192
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009232.D

Acq: 17 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-211

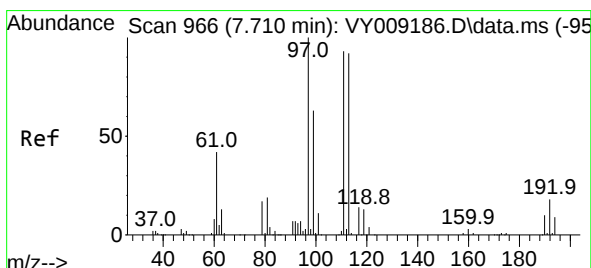
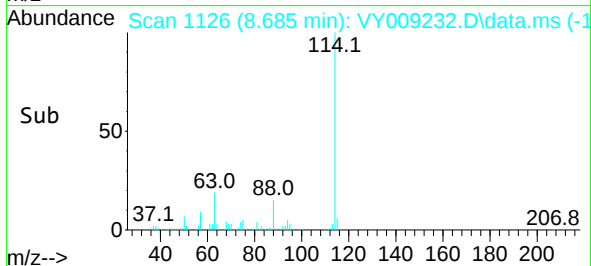
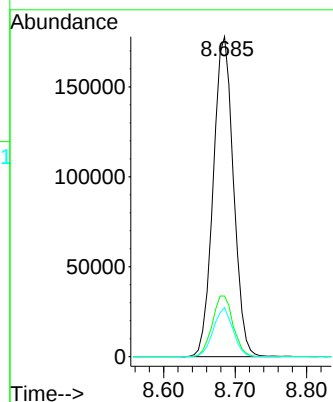
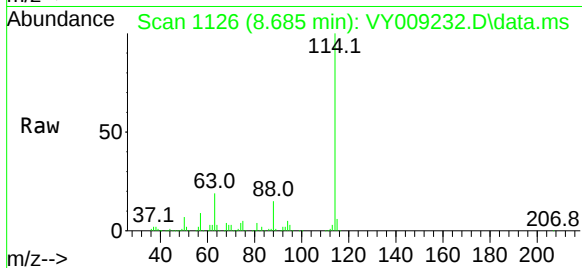
Tgt Ion:114 Resp: 349691

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.856 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009232.D

Acq: 17 Jun 2022 17:15

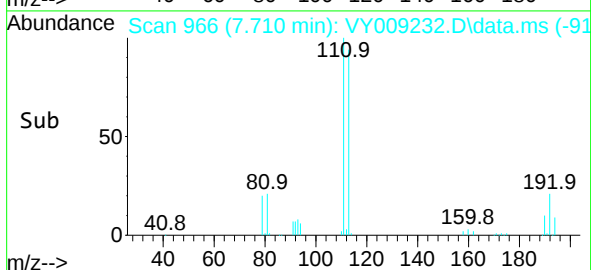
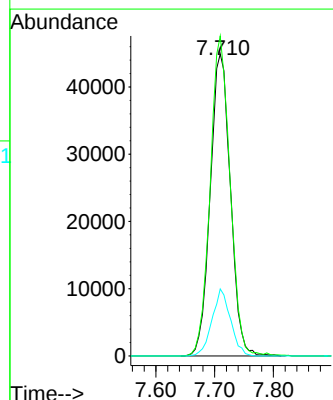
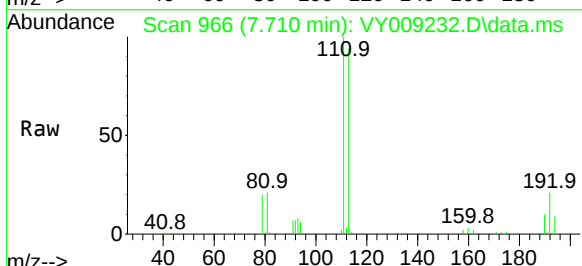
Tgt Ion:113 Resp: 107114

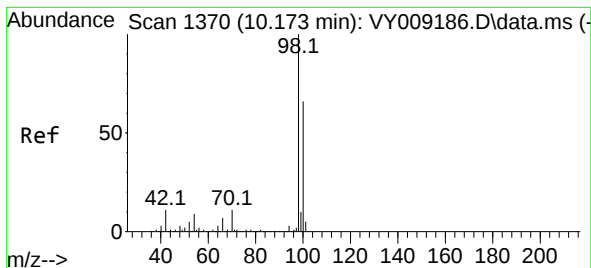
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 20.3 17.6 26.4

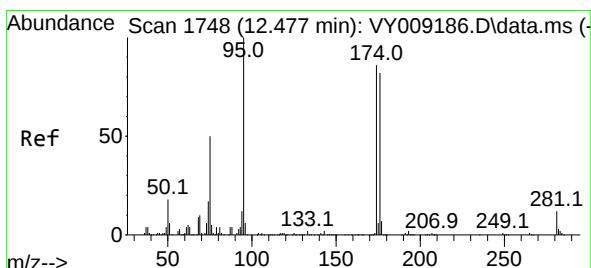
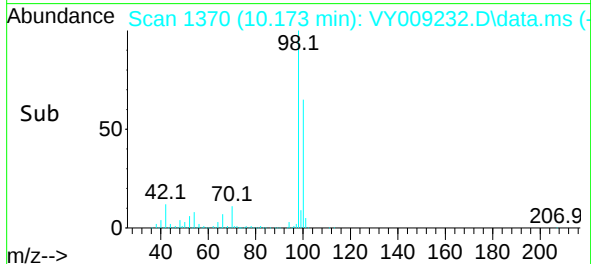
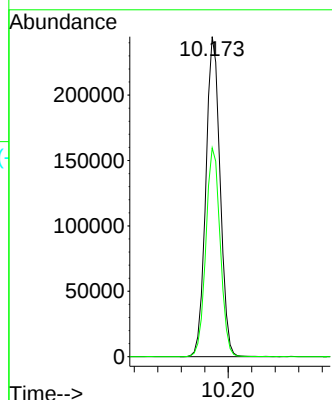
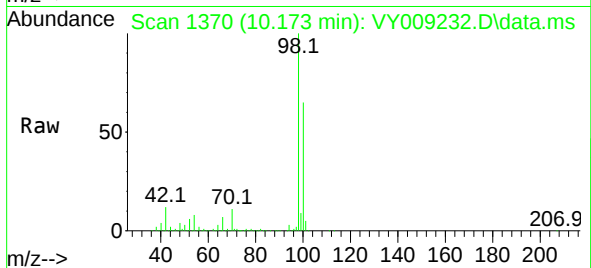




#50
Toluene-d8
Concen: 49.383 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009232.D
Acq: 17 Jun 2022 17:15

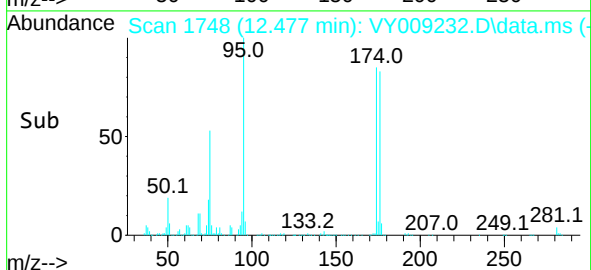
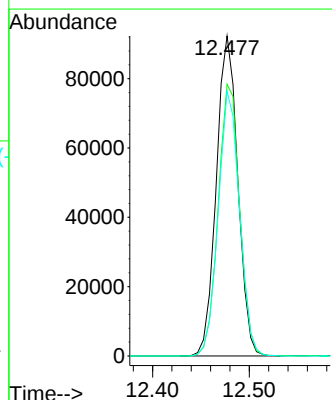
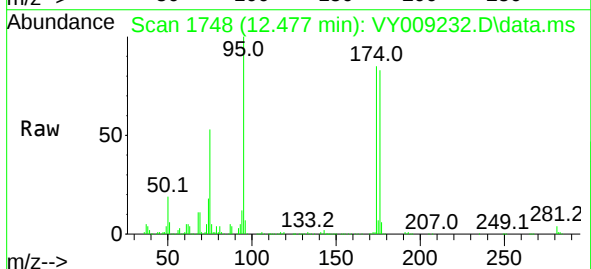
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

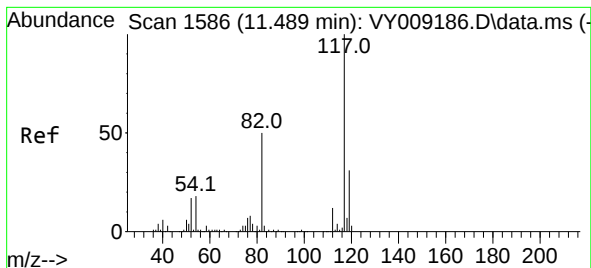
Tgt Ion: 98 Resp: 412138
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.888 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009232.D
Acq: 17 Jun 2022 17:15

Tgt Ion: 95 Resp: 142024
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009232.D

Acq: 17 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-211

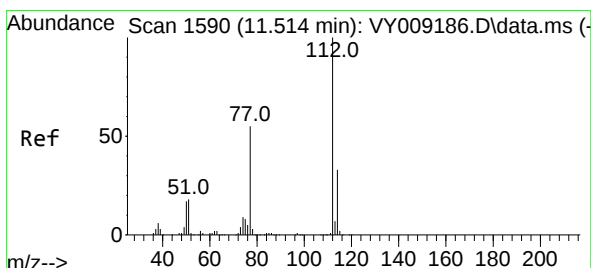
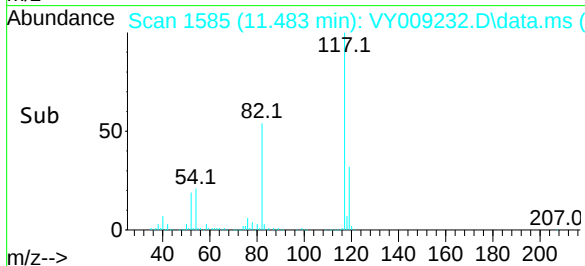
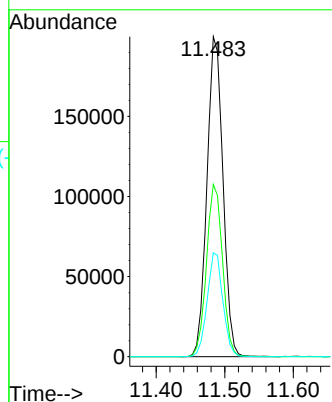
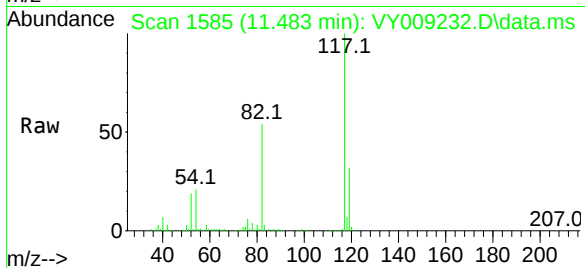
Tgt Ion:117 Resp: 325420

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.5 25.4 38.0



#65

Chlorobenzene

Concen: 2.146 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009232.D

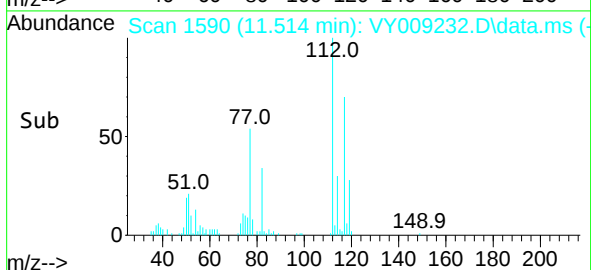
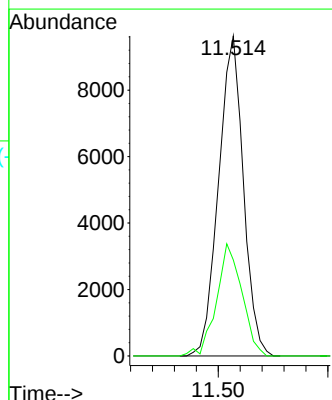
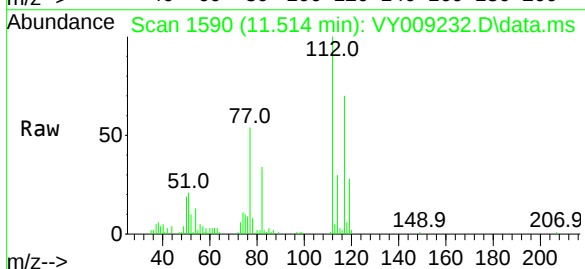
Acq: 17 Jun 2022 17:15

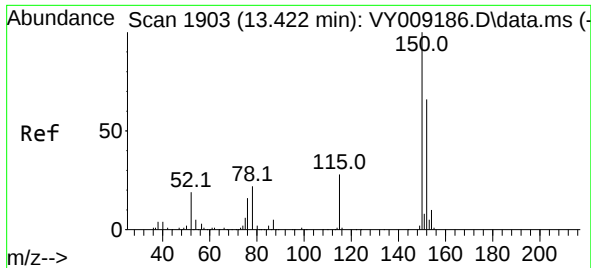
Tgt Ion:112 Resp: 15126

Ion Ratio Lower Upper

112 100

114 30.0 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: VY009232.D

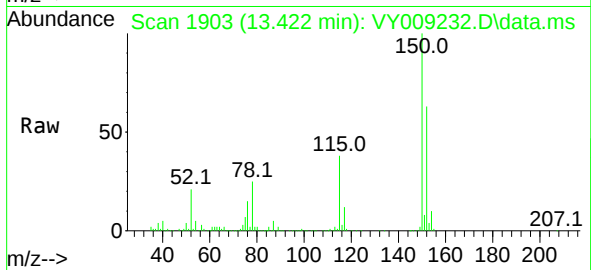
Acq: 17 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-211



Tgt Ion:152 Resp: 150326

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 156.4 0.0 347.6

