

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009241.D
 Acq On : 20 Jun 2022 13:31
 Operator : KP/MD
 Sample : N3371-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-211

Quant Time: Jun 21 08:12:49 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)

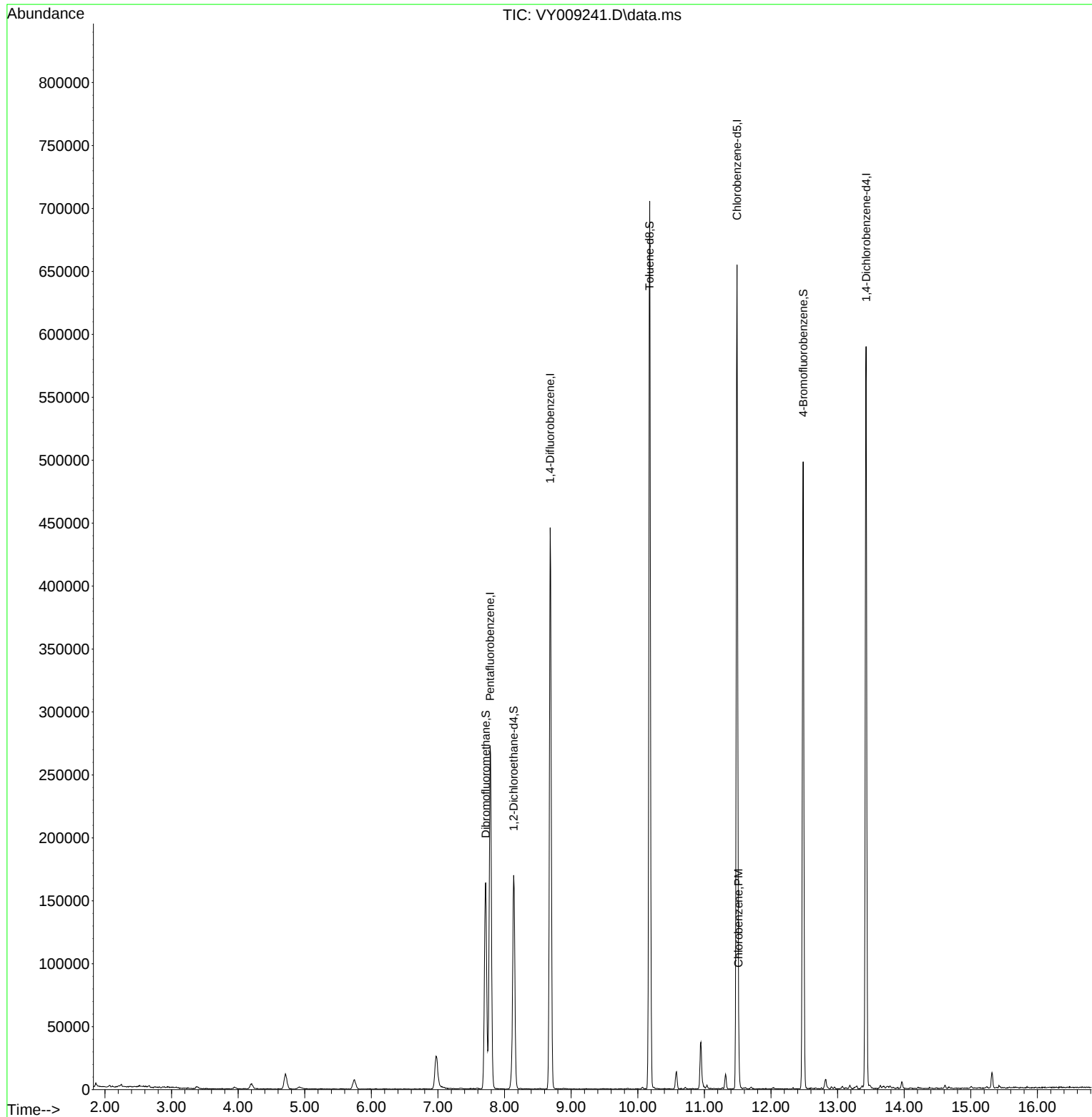
Internal Standards						
1) Pentafluorobenzene	7.783	168	218986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	347466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125724	54.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.716	113	115503	48.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.140%	
50) Toluene-d8	10.179	98	446974	49.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.483	95	151968	47.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.480%	
Target Compounds						
					Qvalue	
65) Chlorobenzene	11.514	112	9166	1.218	ug/l	95

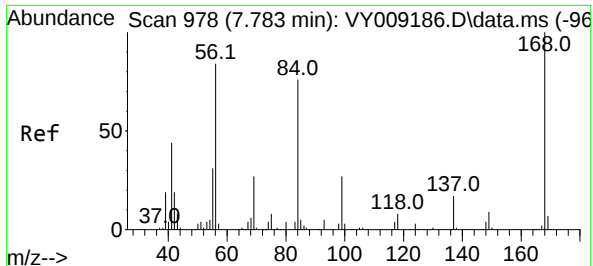
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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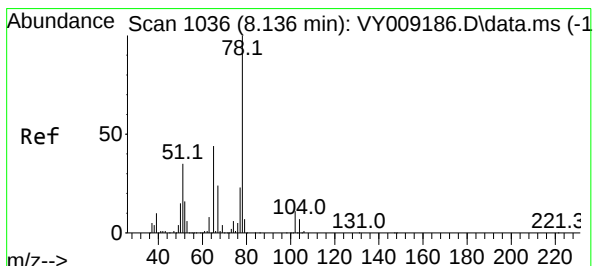
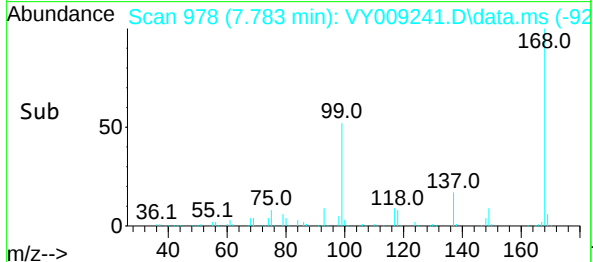
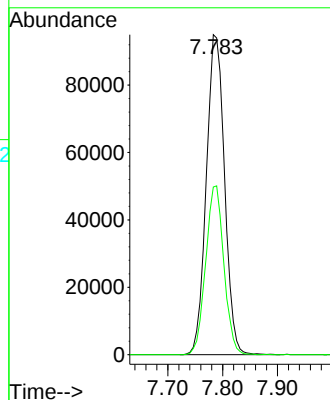
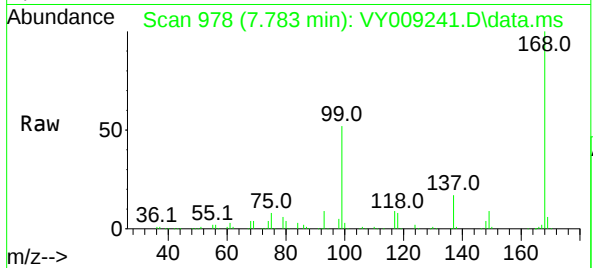




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009241.D
Acq: 20 Jun 2022 13:31

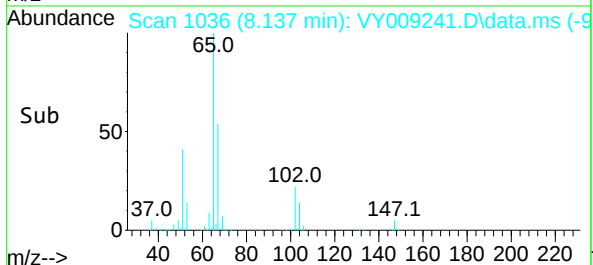
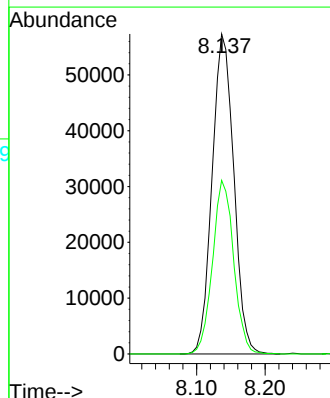
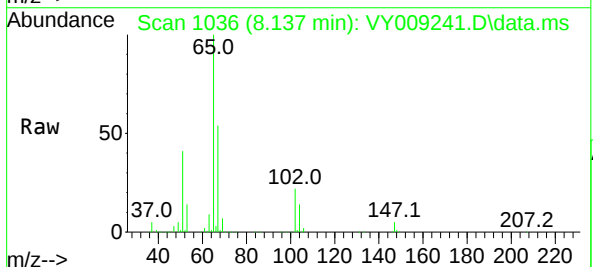
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

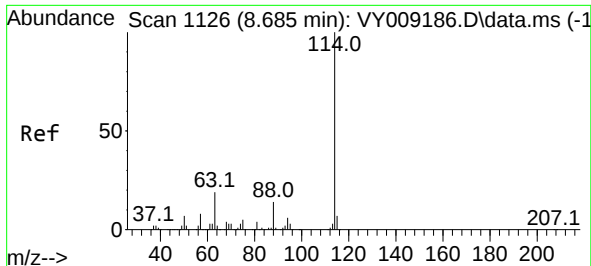
Tgt Ion:168 Resp: 218986
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.961 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009241.D
Acq: 20 Jun 2022 13:31

Tgt Ion: 65 Resp: 125724
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

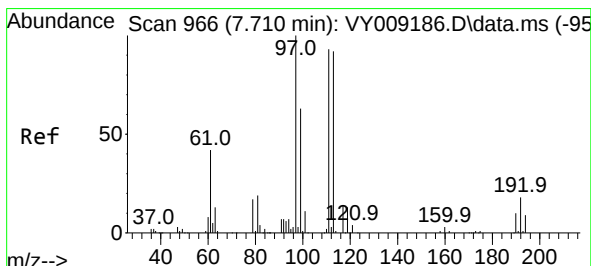
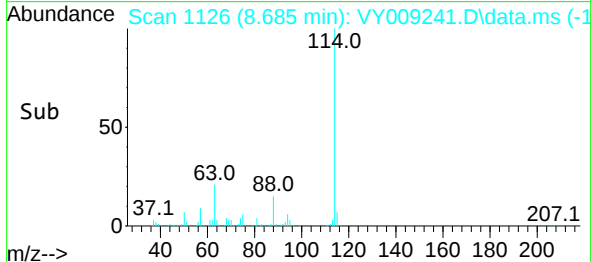
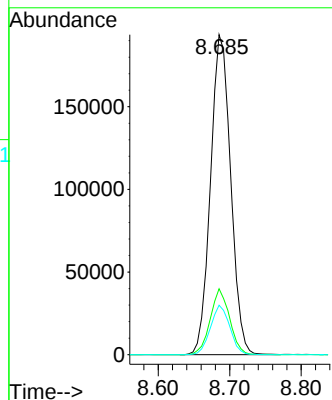
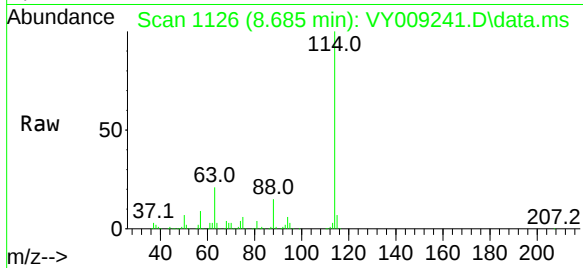




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009241.D
Acq: 20 Jun 2022 13:31

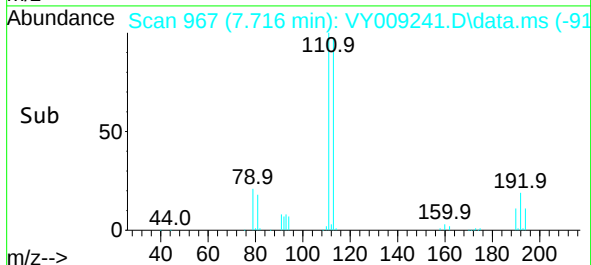
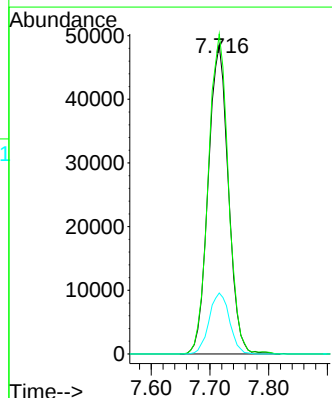
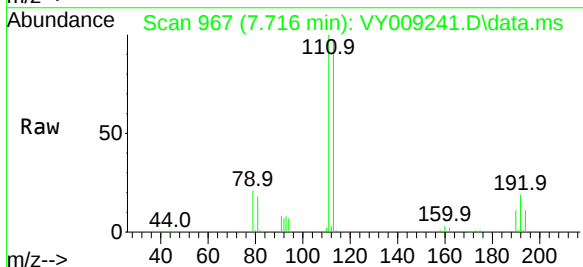
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

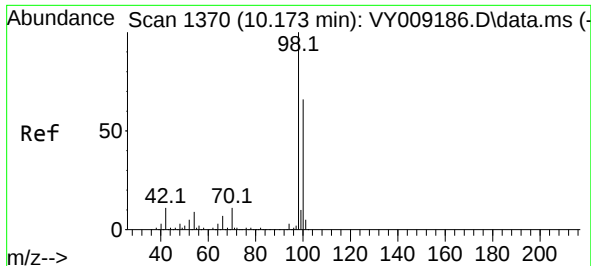
Tgt Ion:114 Resp: 379297
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.570 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009241.D
Acq: 20 Jun 2022 13:31

Tgt Ion:113 Resp: 115503
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.0 17.6 26.4

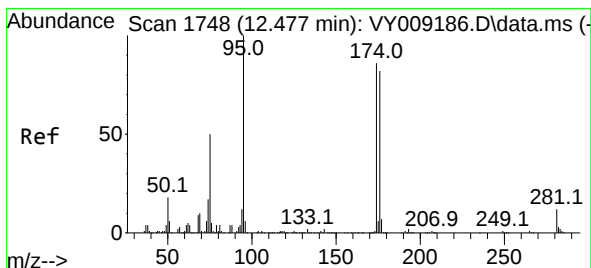
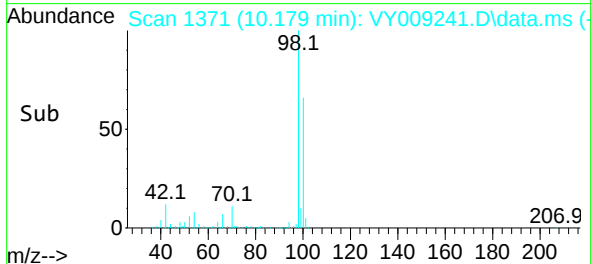
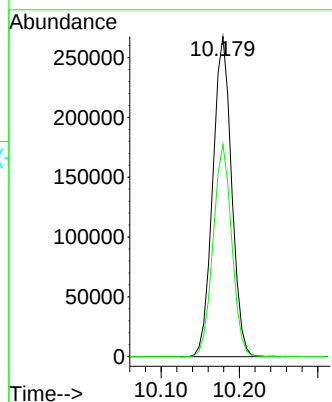
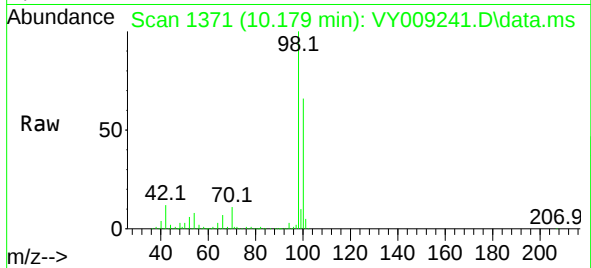




#50
Toluene-d8
Concen: 49.376 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009241.D
Acq: 20 Jun 2022 13:31

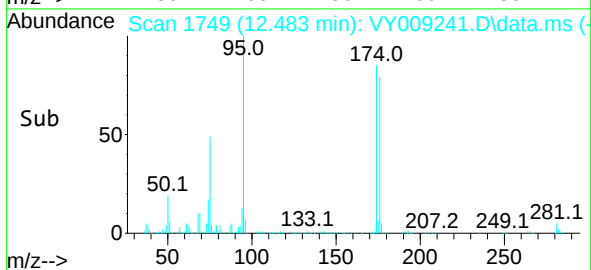
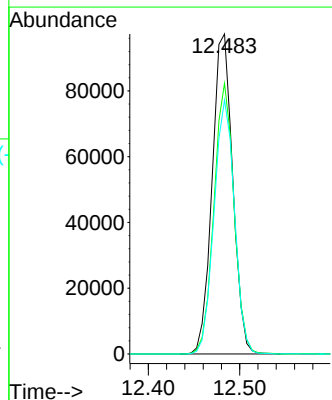
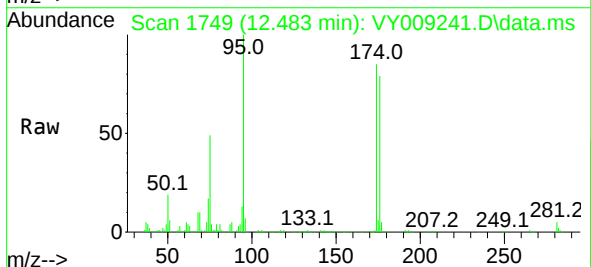
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

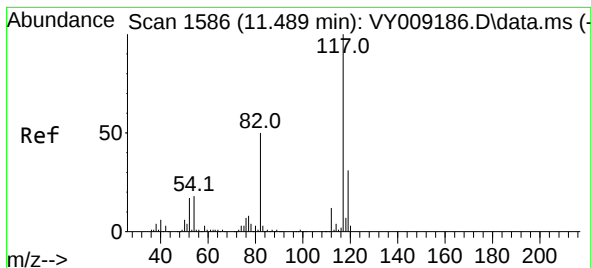
Tgt Ion: 98 Resp: 446974
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009241.D
Acq: 20 Jun 2022 13:31

Tgt Ion: 95 Resp: 151968
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 79.0 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: VY009241.D

Acq: 20 Jun 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-211

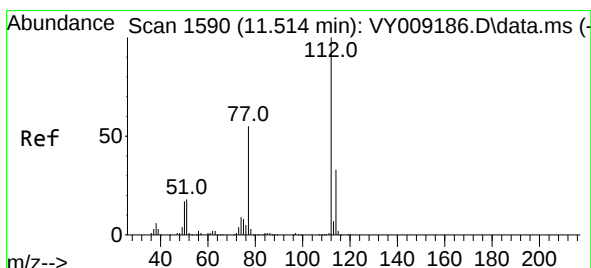
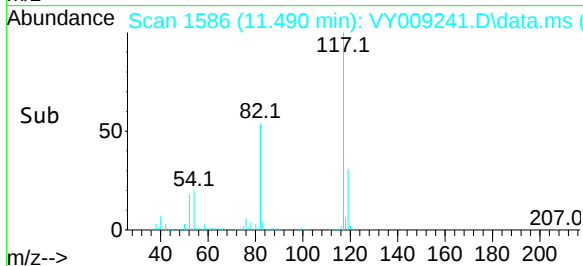
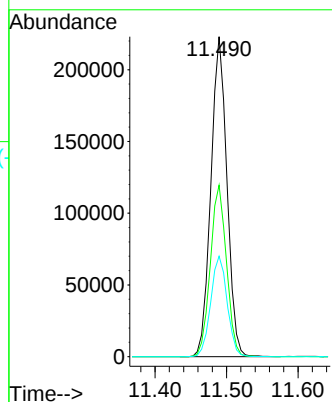
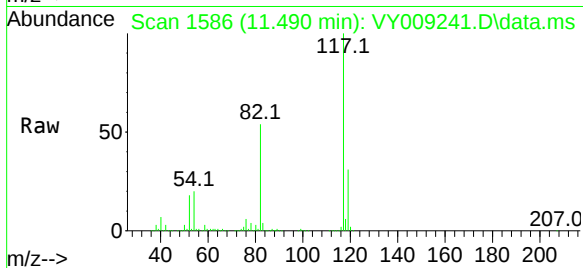
Tgt Ion:117 Resp: 347466

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.4 25.4 38.0



#65

Chlorobenzene

Concen: 1.218 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009241.D

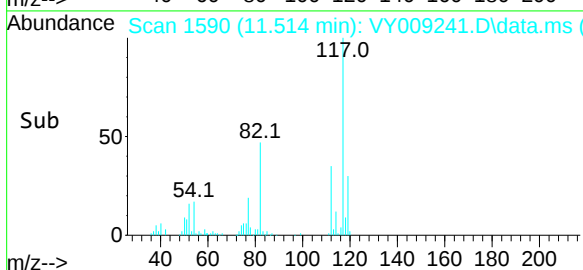
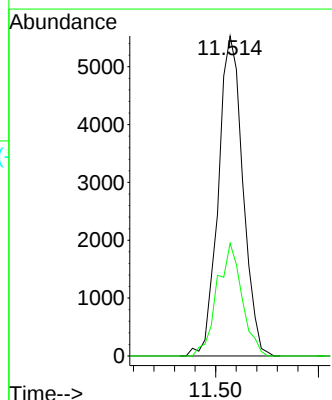
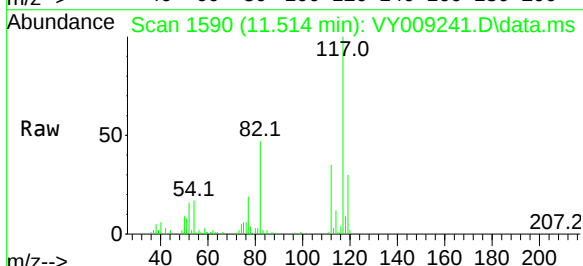
Acq: 20 Jun 2022 13:31

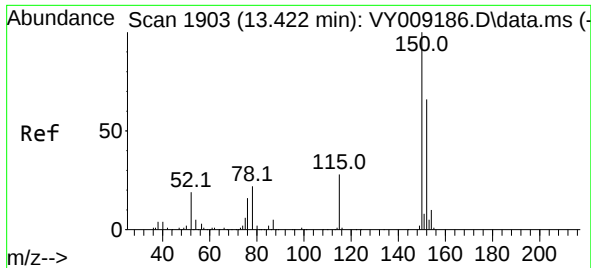
Tgt Ion:112 Resp: 9166

Ion Ratio Lower Upper

112 100

114 35.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009241.D

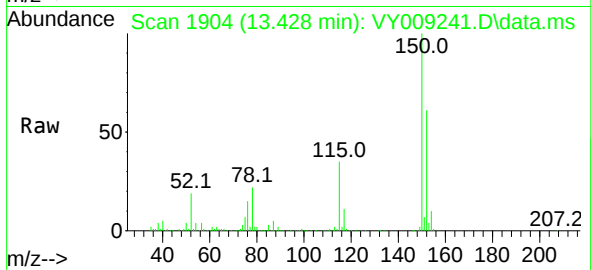
Acq: 20 Jun 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-211



Tgt Ion:152 Resp: 152176

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 158.4 0.0 347.6

