

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020568.D
 Acq On : 10 Dec 2024 15:00
 Operator : SY/MD
 Sample : P5196-03
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-761-VOC

Quant Time: Dec 11 00:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	160146	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	281427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	242390	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	99007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93688	57.523	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.040%	
35) Dibromofluoromethane	7.634	113	89804	50.688	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.380%	
50) Toluene-d8	10.103	98	340888	50.529	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.407	95	107059	45.373	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.740%	

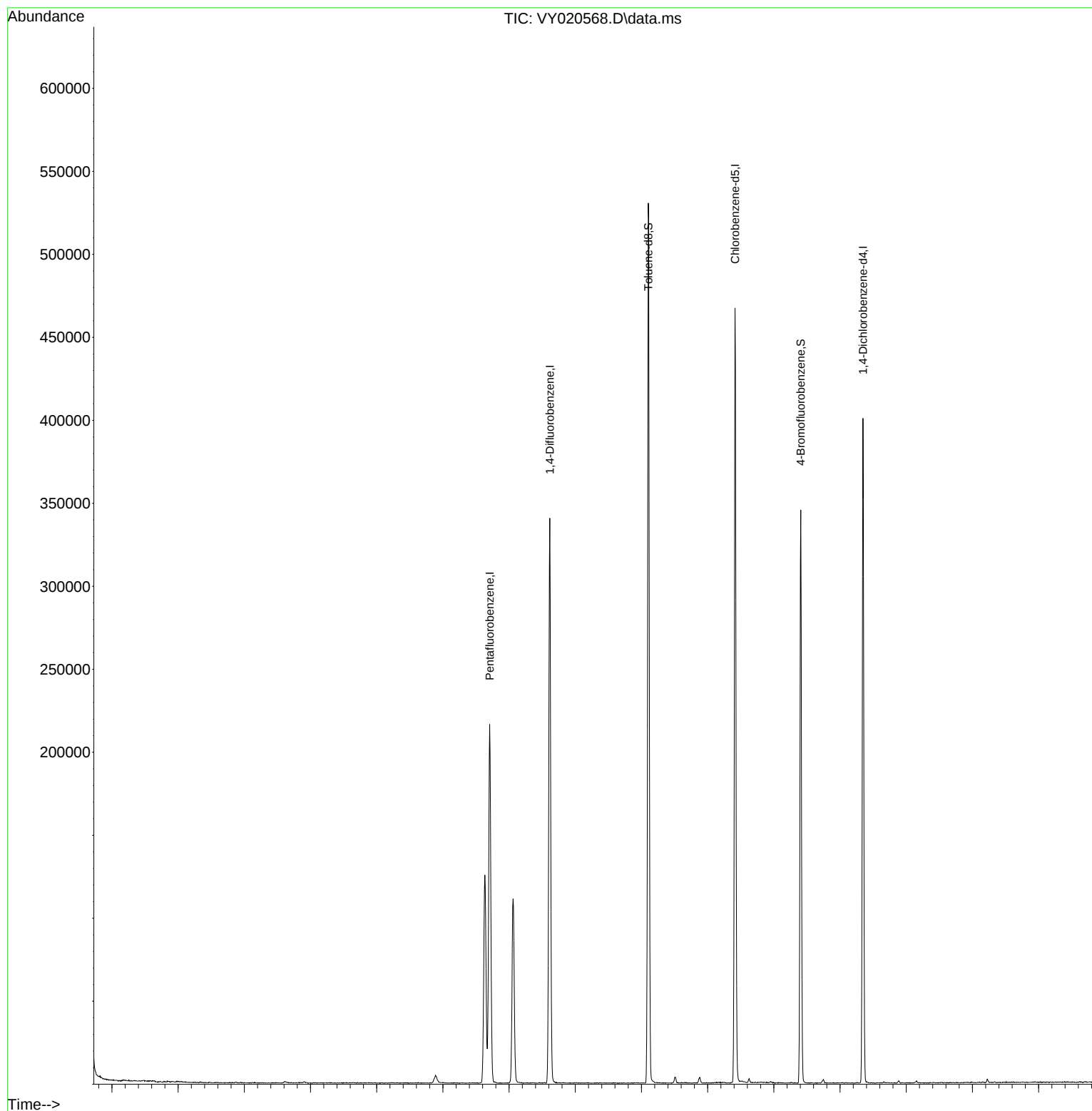
Target Compounds Qvalue

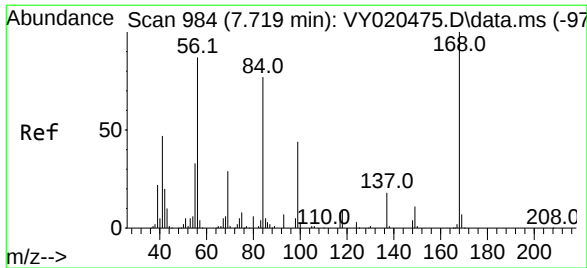
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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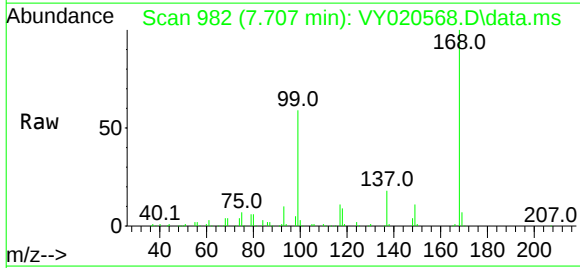
Quant Time: Dec 11 00:49:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
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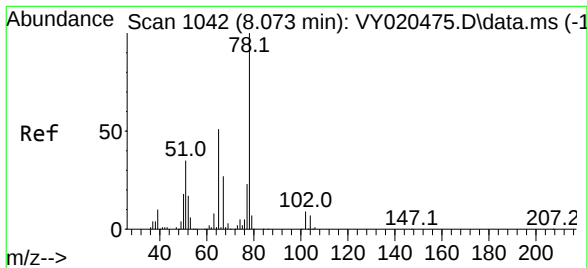
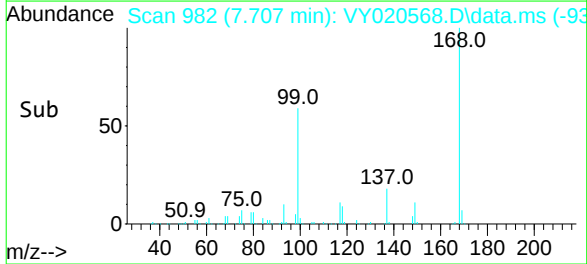
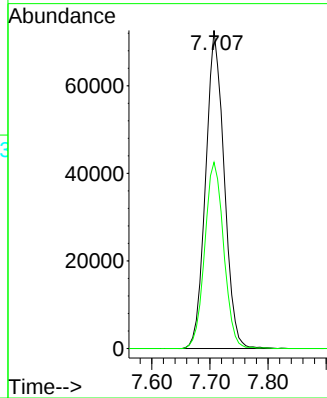


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :
MH-761-VOC

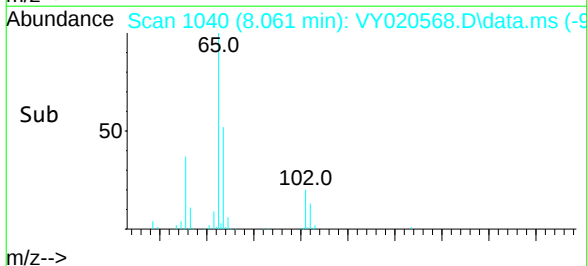
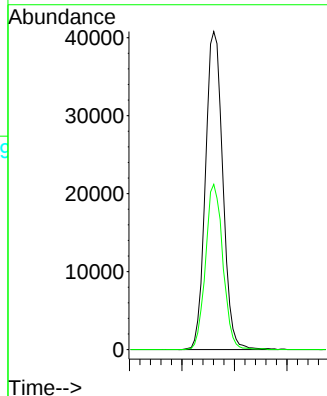
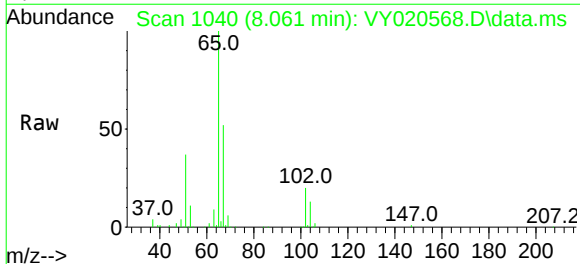


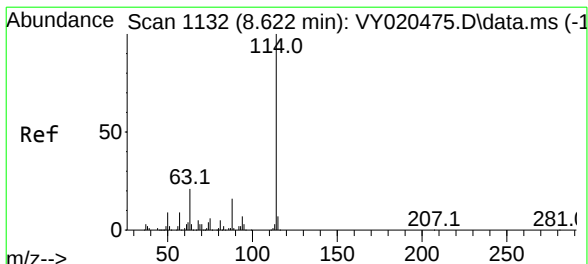
Tgt Ion:168 Resp: 160146
Ion Ratio Lower Upper
168 100
99 58.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 57.523 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020568.D
Acq: 10 Dec 2024 15:00

Tgt Ion: 65 Resp: 93688
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8

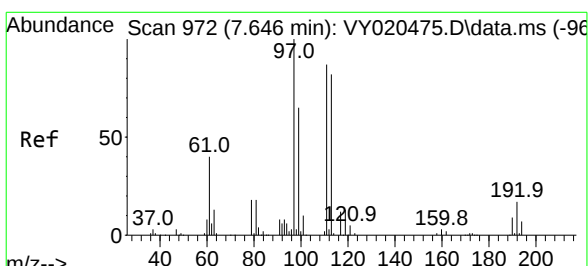
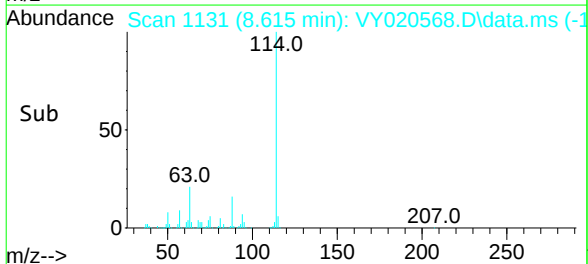
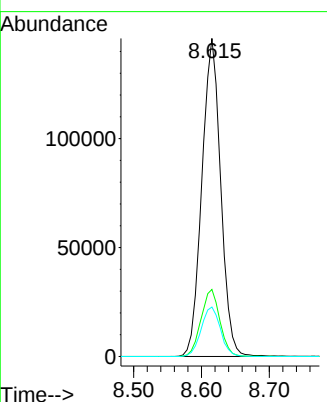
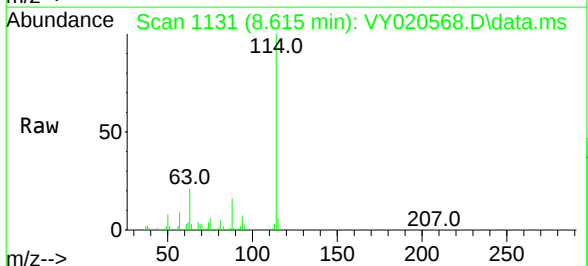




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020568.D
 Acq: 10 Dec 2024 15:00

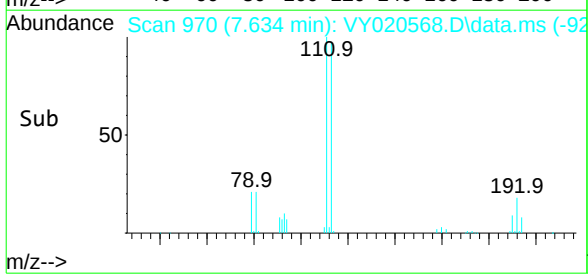
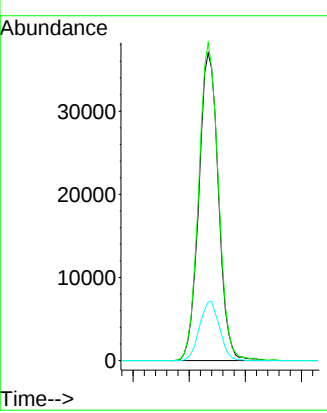
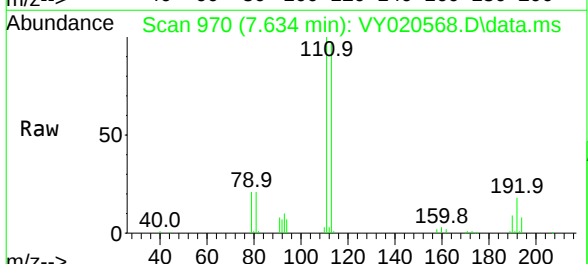
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-761-VOC

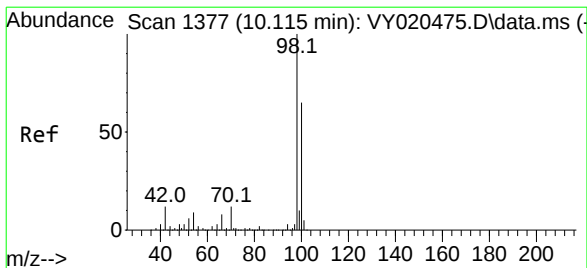
Tgt Ion:	114	Resp:	281427
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.8
88	15.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.688 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020568.D
 Acq: 10 Dec 2024 15:00

Tgt Ion:	113	Resp:	89804
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	19.6	15.1	22.7





#50

Toluene-d8

Concen: 50.529 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020568.D

Acq: 10 Dec 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

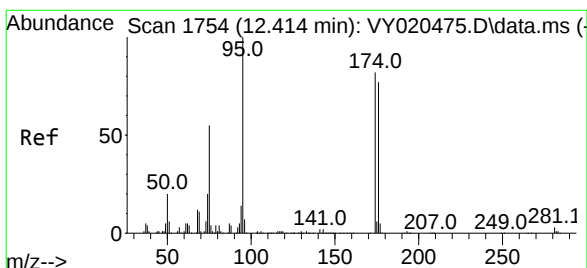
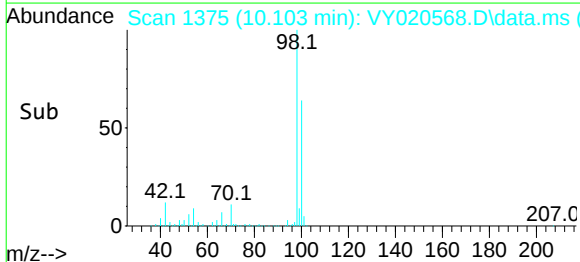
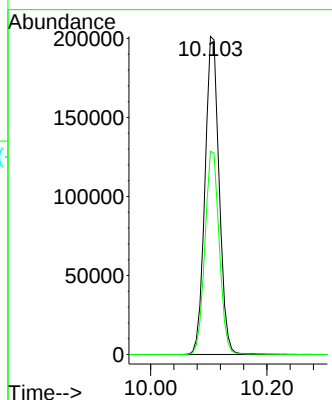
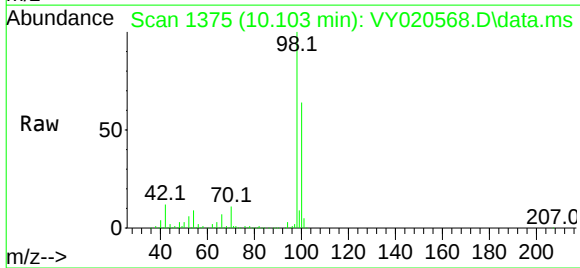
MH-761-VOC

Tgt Ion: 98 Resp: 340888

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.373 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020568.D

Acq: 10 Dec 2024 15:00

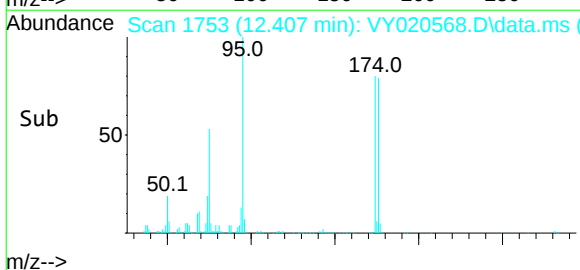
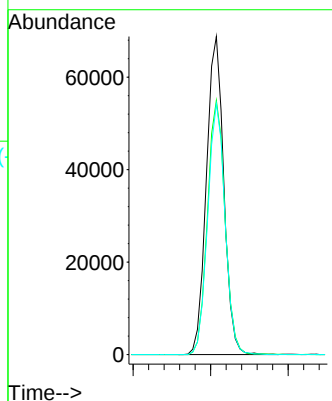
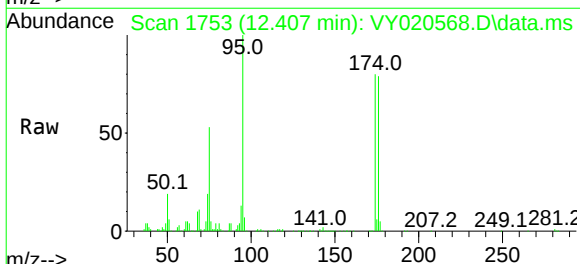
Tgt Ion: 95 Resp: 107059

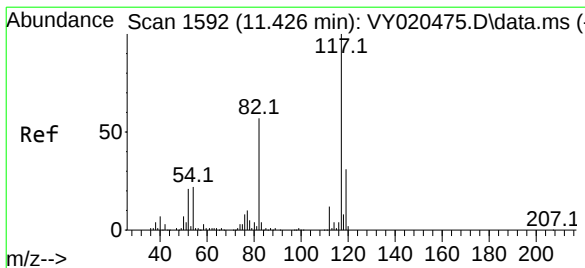
Ion Ratio Lower Upper

95 100

174 80.7 0.0 156.8

176 78.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020568.D

Acq: 10 Dec 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

MH-761-VOC

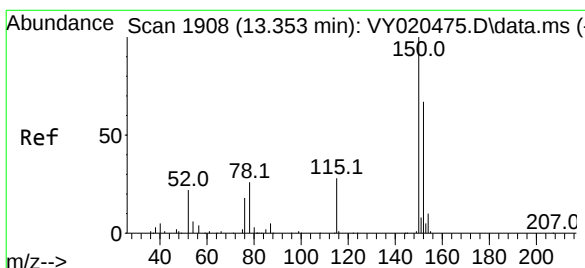
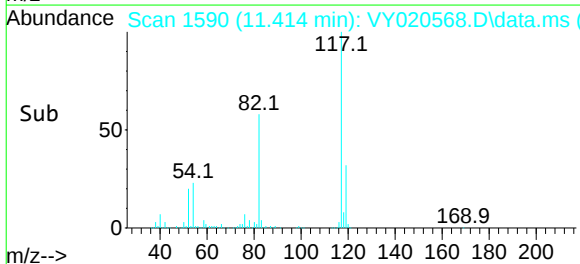
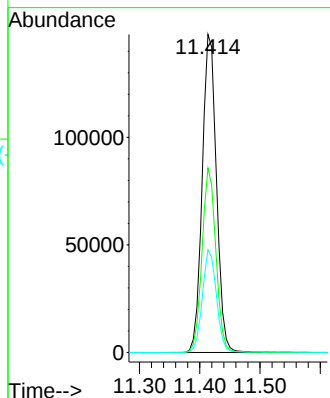
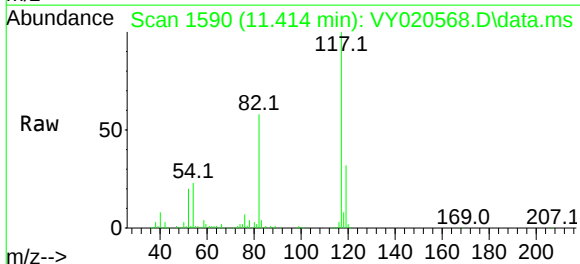
Tgt Ion:117 Resp: 242390

Ion Ratio Lower Upper

117 100

82 58.0 48.2 72.4

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020568.D

Acq: 10 Dec 2024 15:00

Tgt Ion:152 Resp: 99007

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 155.1 0.0 348.2

