

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020392.D
 Acq On : 21 Nov 2024 17:17
 Operator : SY/MD
 Sample : P4893-03
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-763-VOC

Quant Time: Nov 22 00:27:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	141960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	268019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	259791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	108628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89092	54.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.260%
35) Dibromofluoromethane	7.634	113	85960	50.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.103	98	333999	49.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.408	95	117428	53.957	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	107.920%

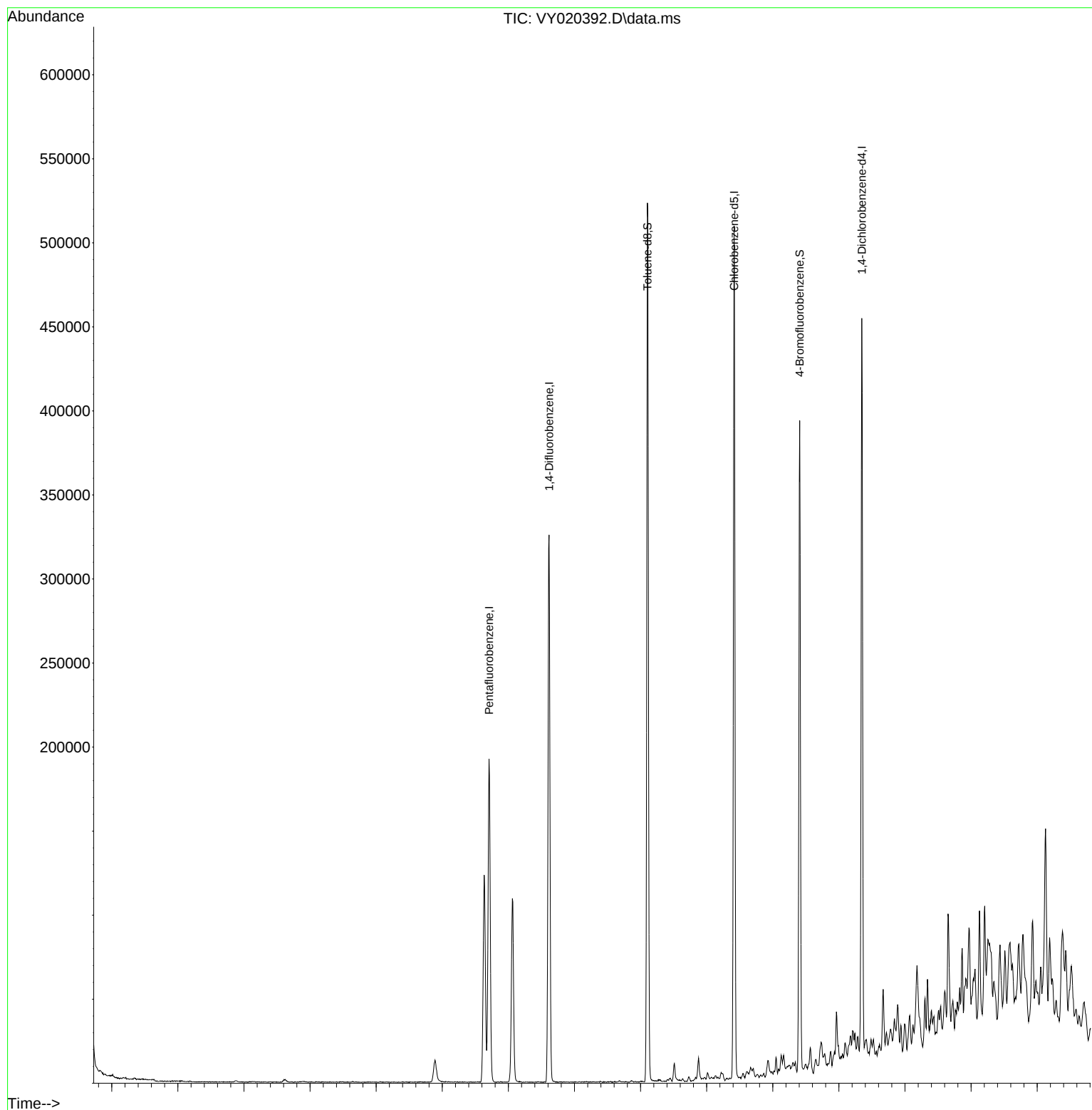
Target Compounds Qvalue

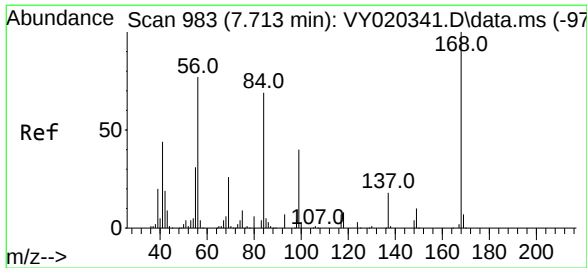
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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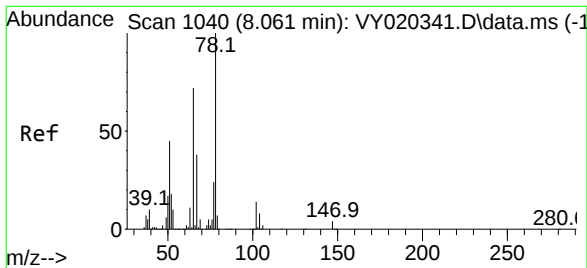
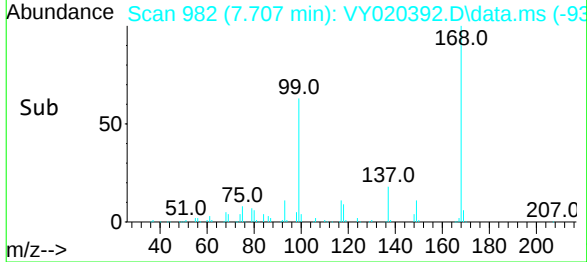
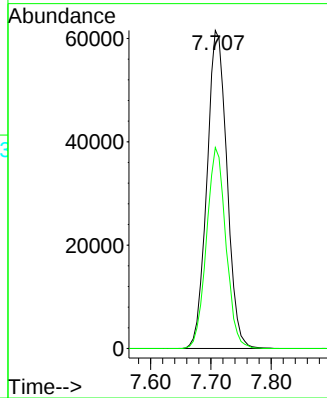
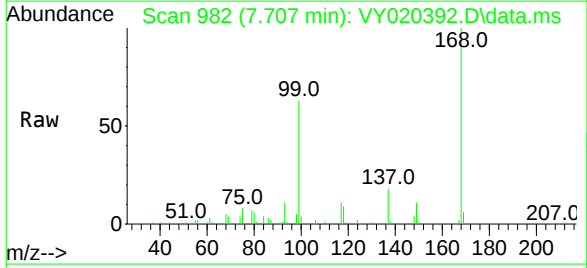




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

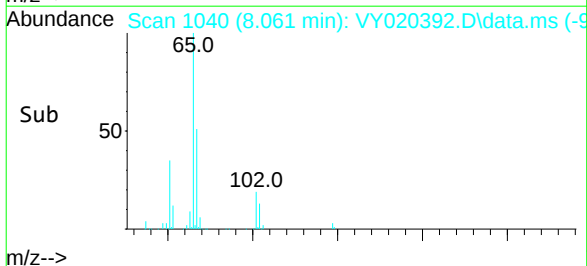
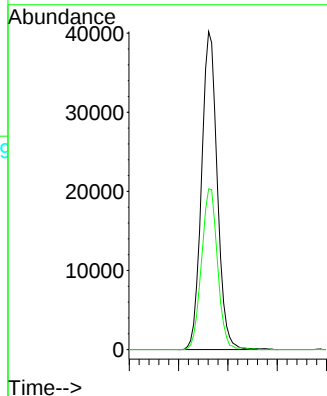
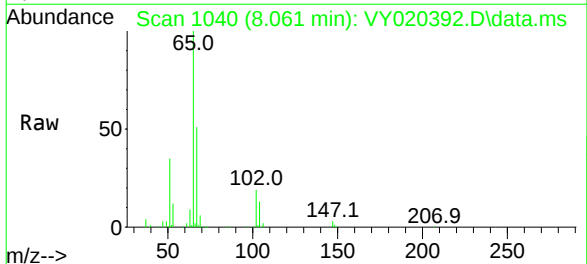
Instrument :
MSVOA_Y
ClientSampleId :
MH-763-VOC

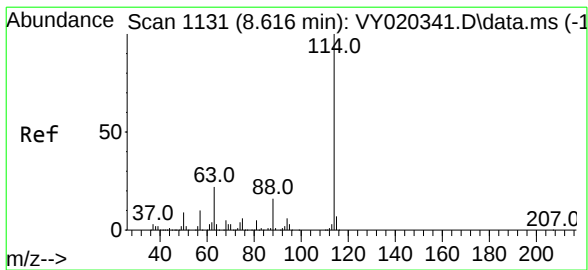
Tgt Ion:168 Resp: 141960
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020392.D
Acq: 21 Nov 2024 17:17

Tgt Ion: 65 Resp: 89092
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

MH-763-VOC

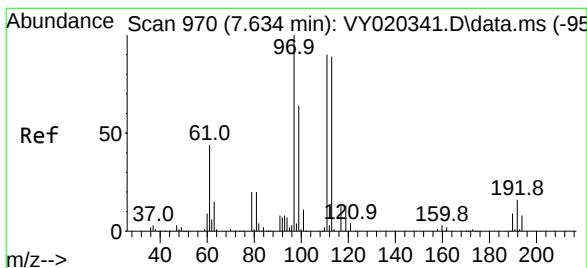
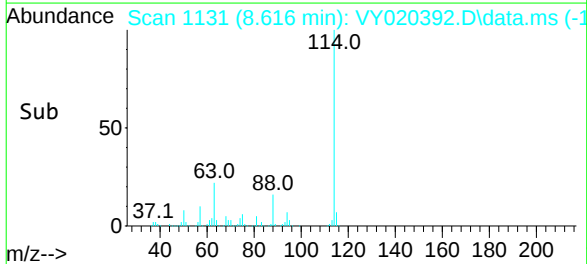
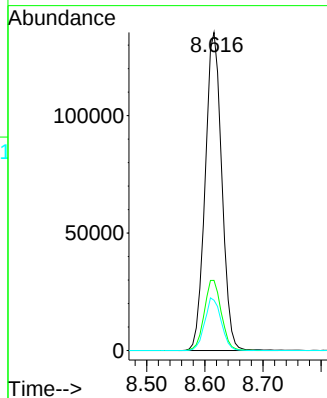
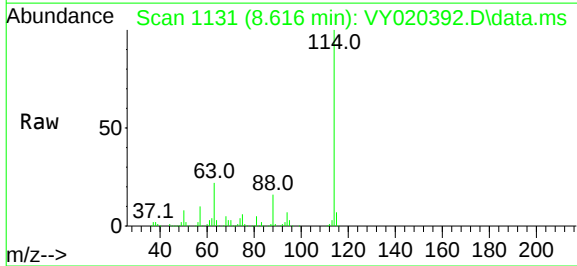
Tgt Ion:114 Resp: 268019

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.8

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.017 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

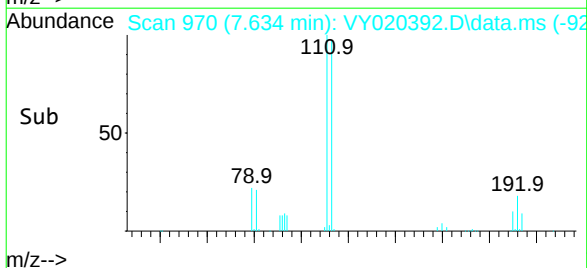
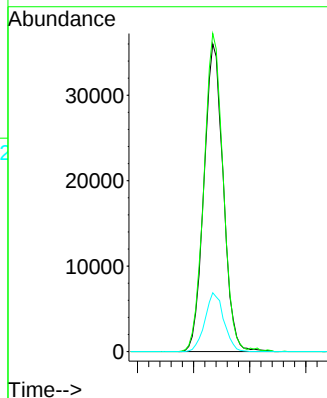
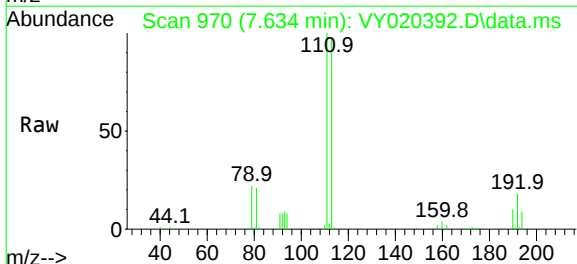
Tgt Ion:113 Resp: 85960

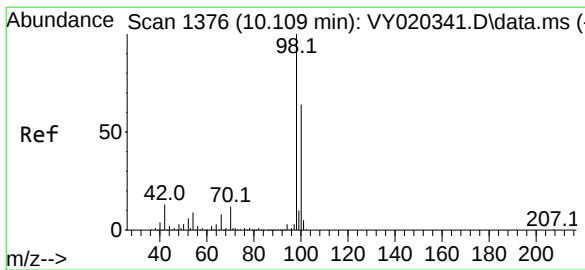
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.7 15.1 22.7





#50

Toluene-d8

Concen: 49.335 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

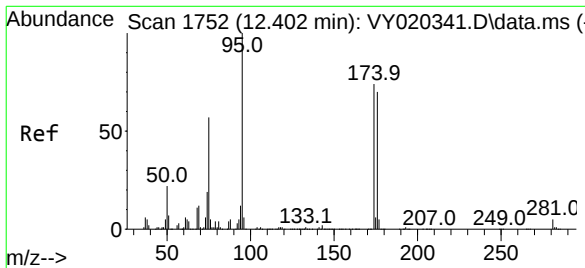
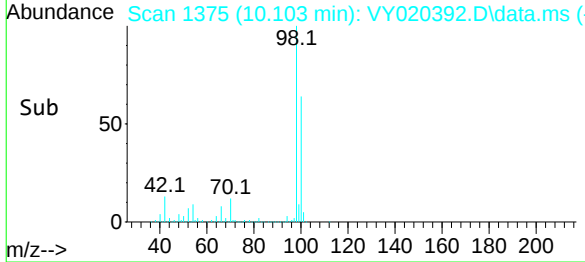
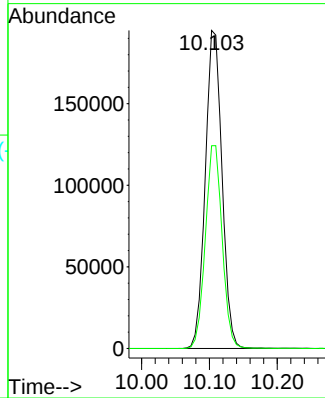
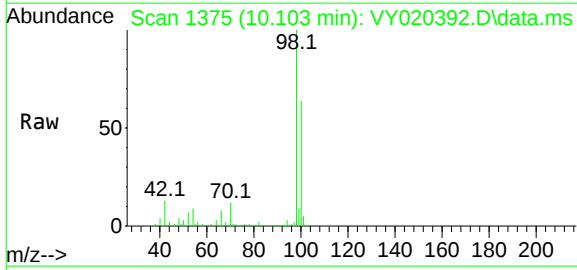
MH-763-VOC

Tgt Ion: 98 Resp: 333999

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 53.957 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

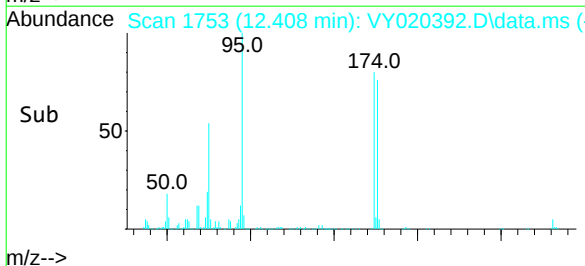
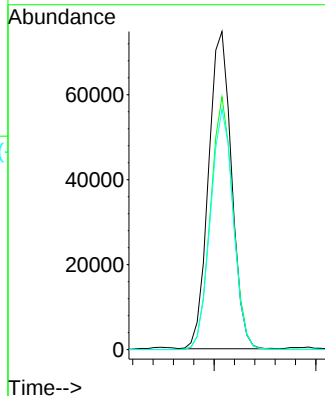
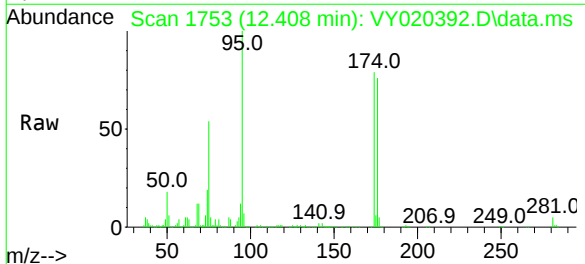
Tgt Ion: 95 Resp: 117428

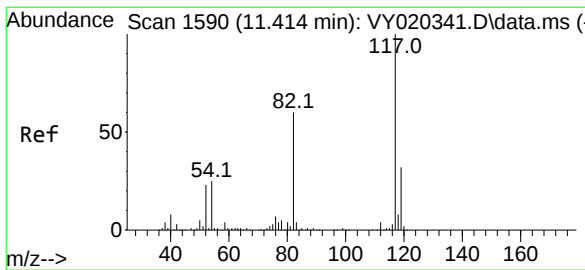
Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.8

176 75.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020392.D

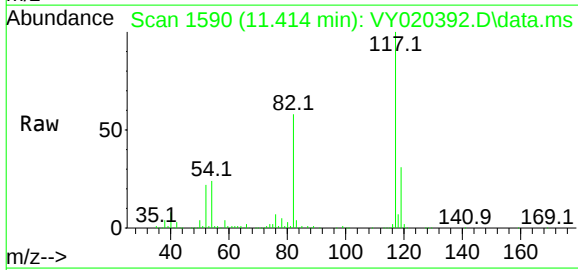
Acq: 21 Nov 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

MH-763-VOC



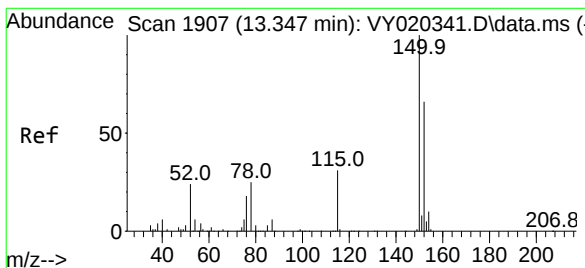
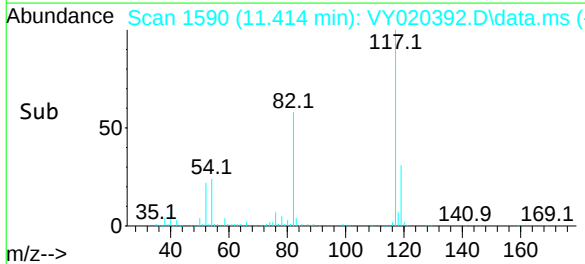
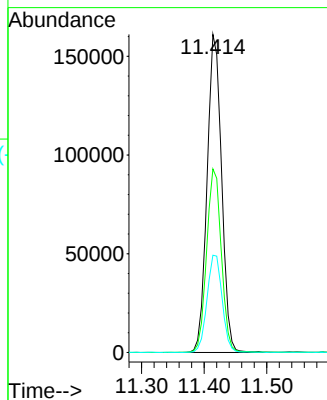
Tgt Ion:117 Resp: 259791

Ion Ratio Lower Upper

117 100

82 57.6 48.2 72.4

119 30.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020392.D

Acq: 21 Nov 2024 17:17

Tgt Ion:152 Resp: 108628

Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

150 156.0 0.0 348.2

