

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020394.D
 Acq On : 21 Nov 2024 18:04
 Operator : SY/MD
 Sample : P4925-07
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-758-VOC

Quant Time: Nov 22 00:28:08 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	124823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	228431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	77403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72776	50.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.640	113	69838	47.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.360%
50) Toluene-d8	10.109	98	274111	47.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.407	95	87260	47.044	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.080%

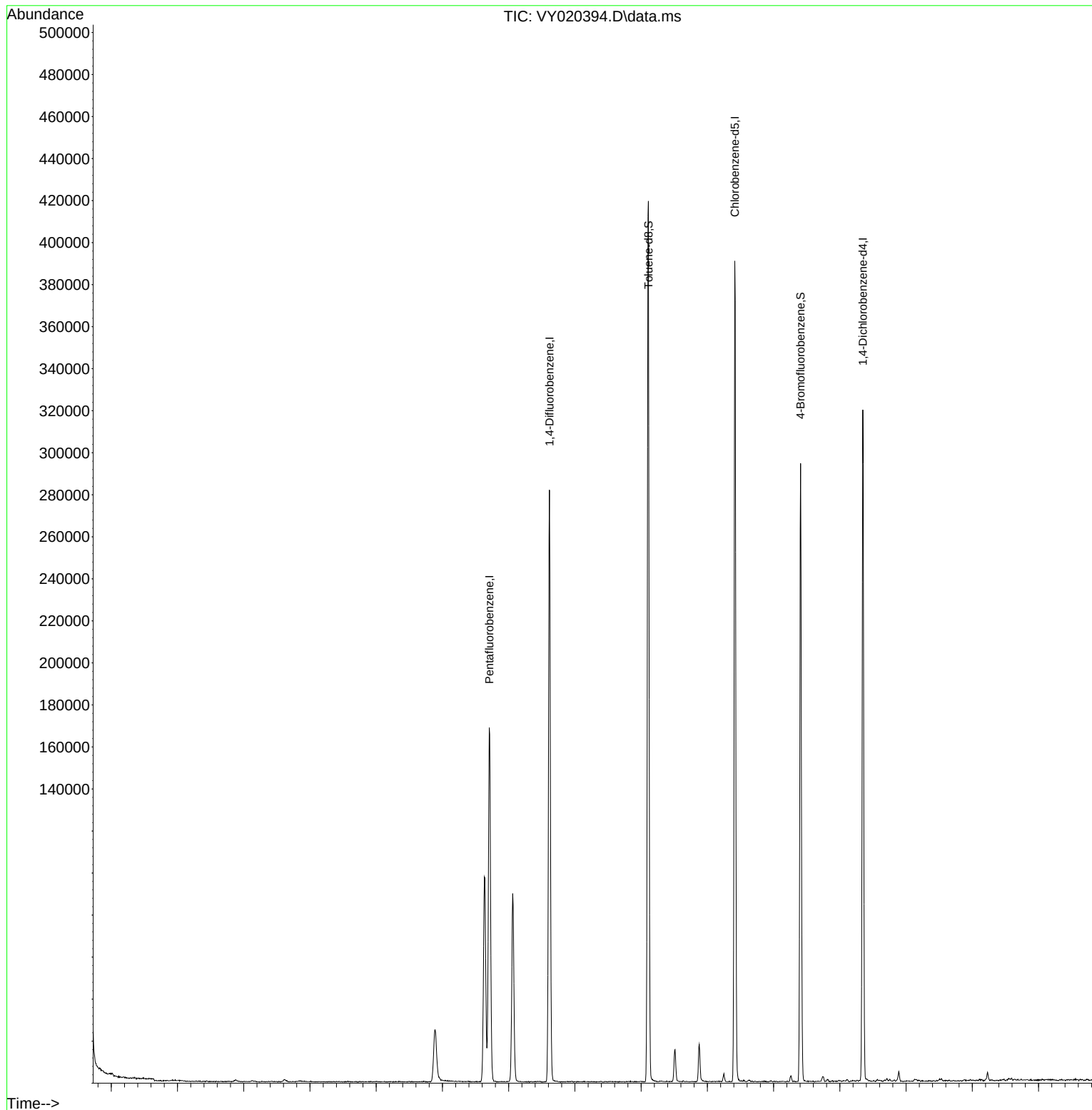
Target Compounds Qvalue

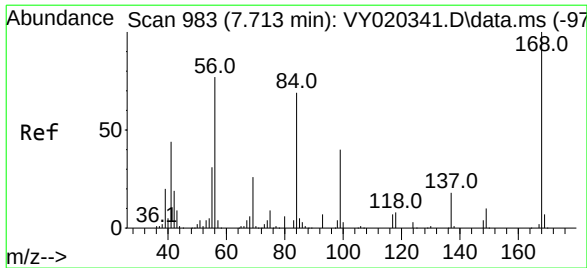
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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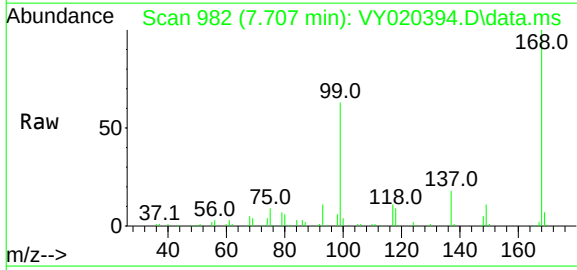
Quant Time: Nov 22 00:28:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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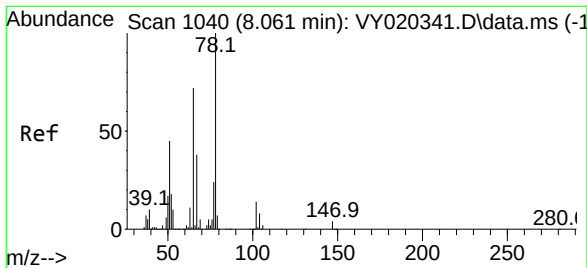
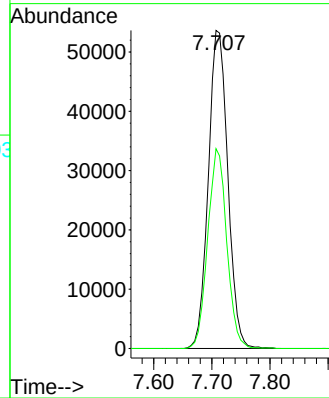
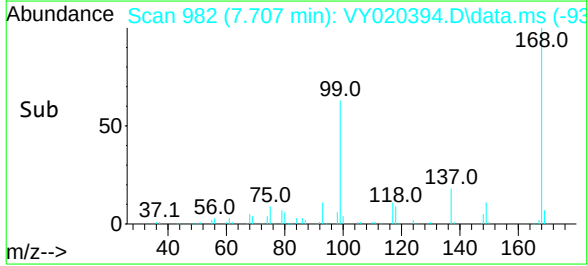


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Instrument :
MSVOA_Y
ClientSampleId :
MH-758-VOC

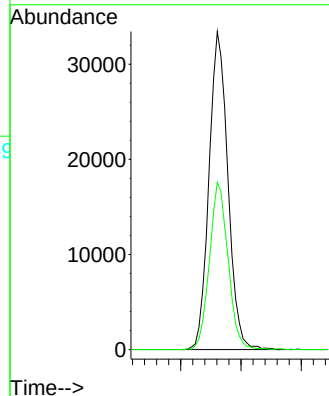
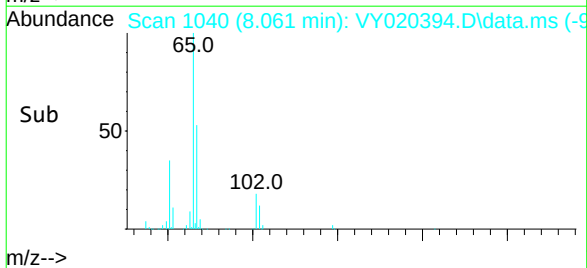
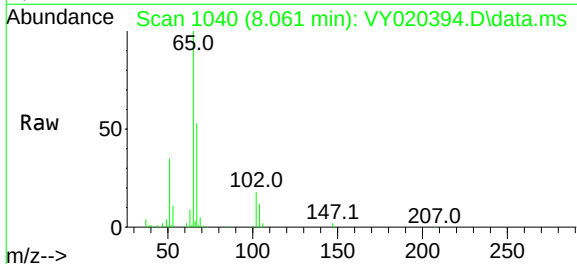


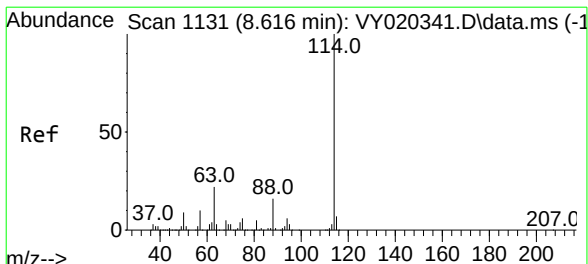
Tgt Ion:168 Resp: 124823
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 50.748 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020394.D
Acq: 21 Nov 2024 18:04

Tgt Ion: 65 Resp: 72776
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8

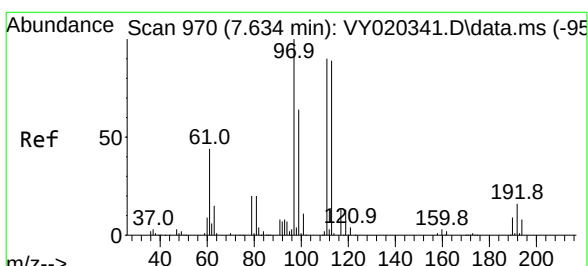
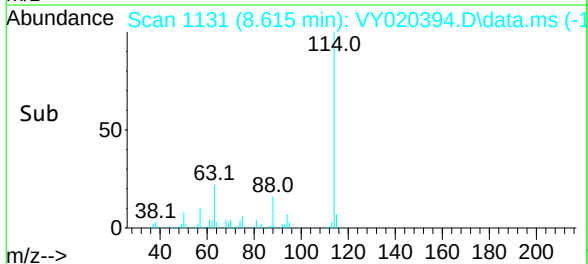
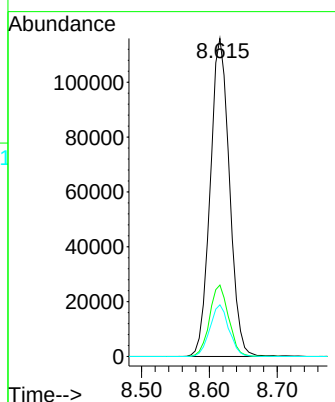
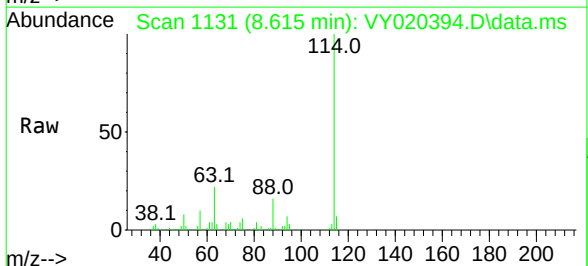




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020394.D
 Acq: 21 Nov 2024 18:04

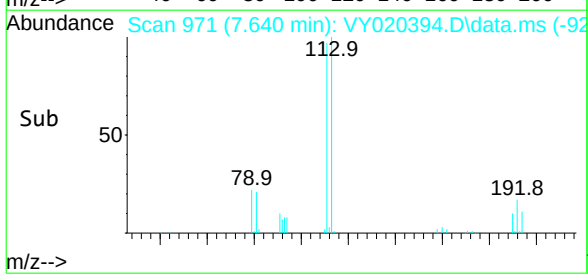
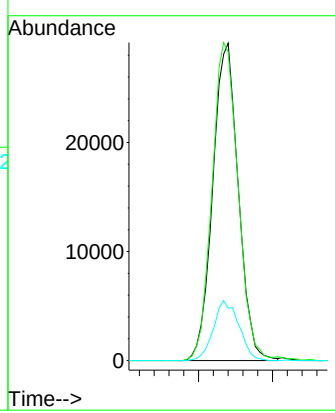
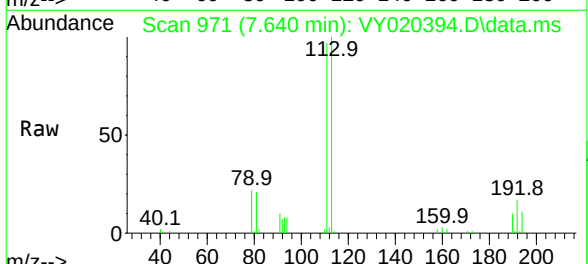
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-758-VOC

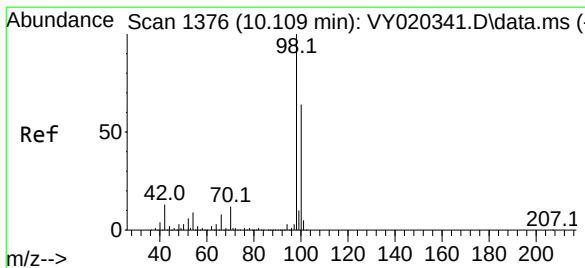
Tgt Ion:	114	Resp:	228431
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.8
88	16.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 47.679 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020394.D
 Acq: 21 Nov 2024 18:04

Tgt Ion:	113	Resp:	69838
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	18.9	15.1	22.7





#50

Toluene-d8

Concen: 47.506 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

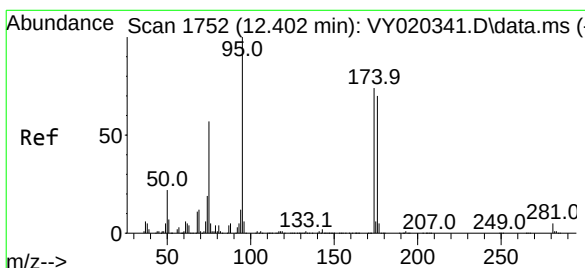
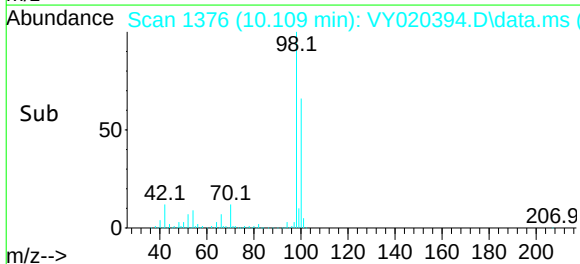
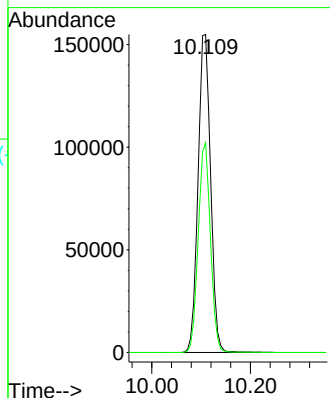
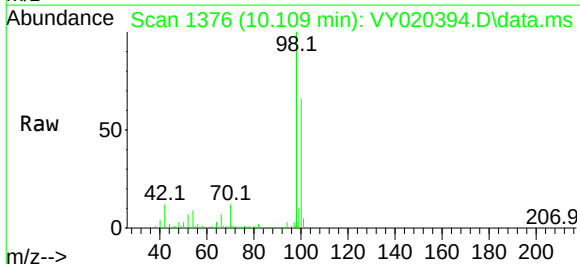
MH-758-VOC

Tgt Ion: 98 Resp: 274111

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 47.044 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

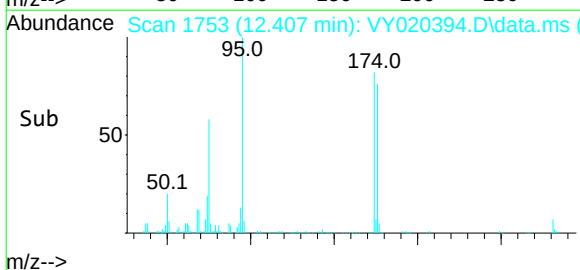
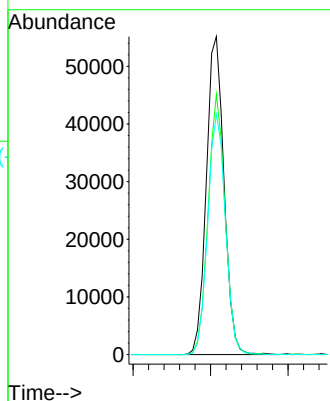
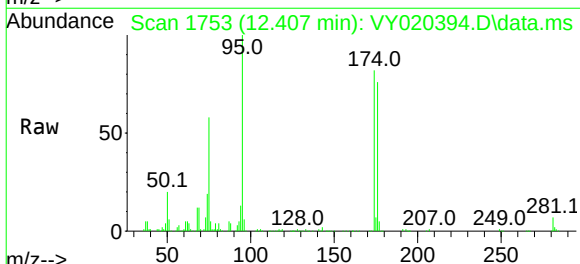
Tgt Ion: 95 Resp: 87260

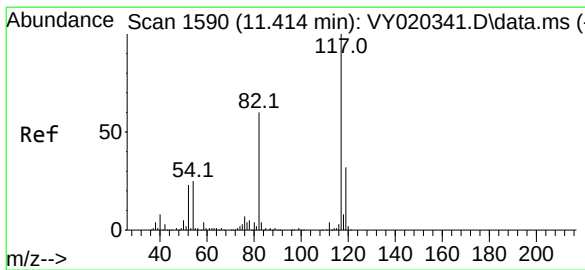
Ion Ratio Lower Upper

95 100

174 79.0 0.0 156.8

176 75.4 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: VY020394.D

Acq: 21 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

MH-758-VOC

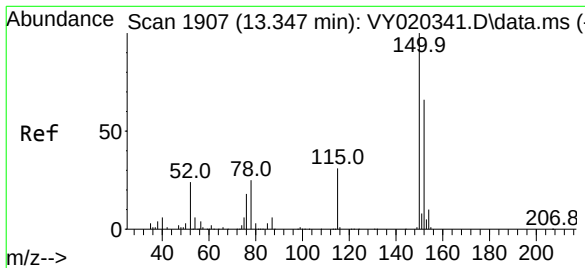
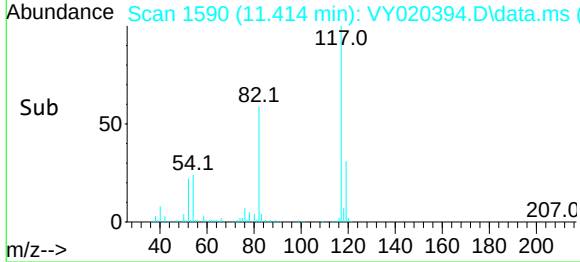
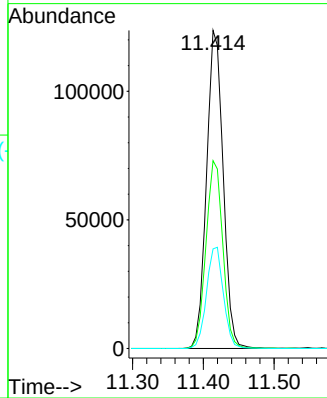
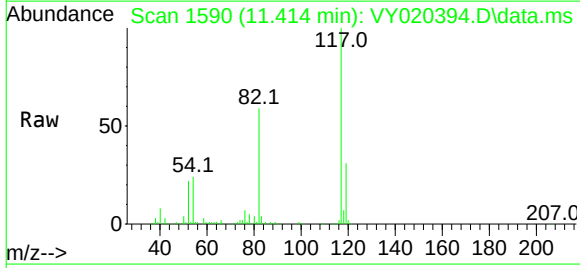
Tgt Ion:117 Resp: 201781

Ion Ratio Lower Upper

117 100

82 59.0 48.2 72.4

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020394.D

Acq: 21 Nov 2024 18:04

Tgt Ion:152 Resp: 77403

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 157.4 0.0 348.2

