

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020103.D
 Acq On : 31 Oct 2024 18:32
 Operator : SY/MD
 Sample : P4616-07
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F9-MOVED-VOC

Quant Time: Nov 01 03:51:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	155732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	317541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116278	59.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.640%
35) Dibromofluoromethane	7.634	113	105670	52.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.103	98	388697	48.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.401	95	121486	46.542	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.080%

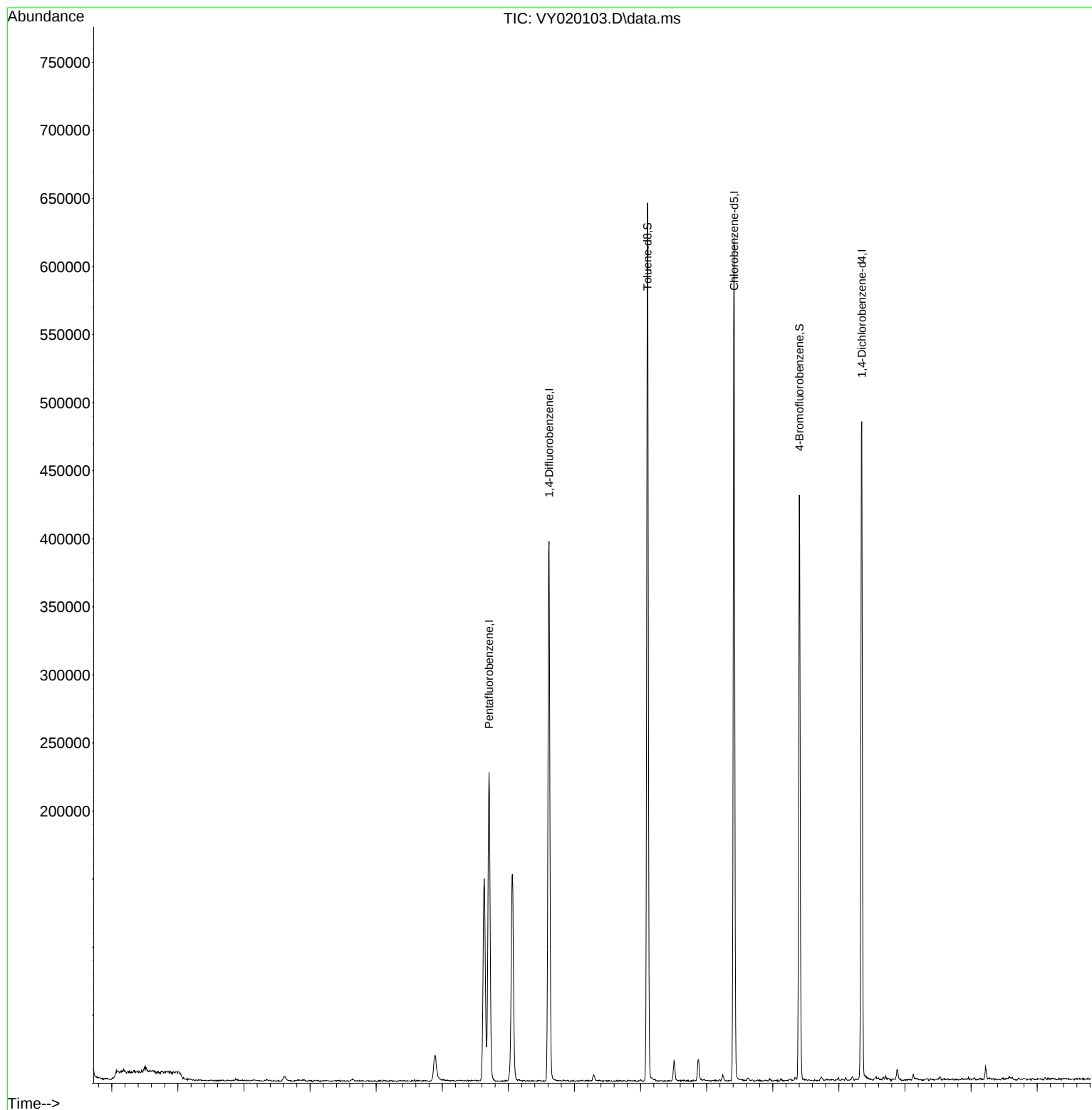
Target Compounds Qvalue

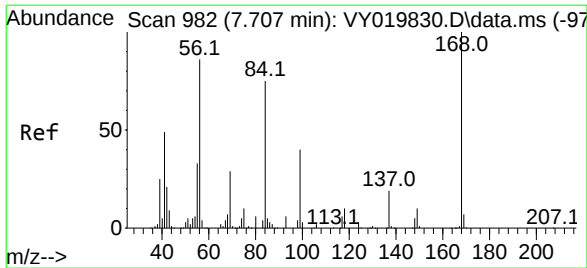
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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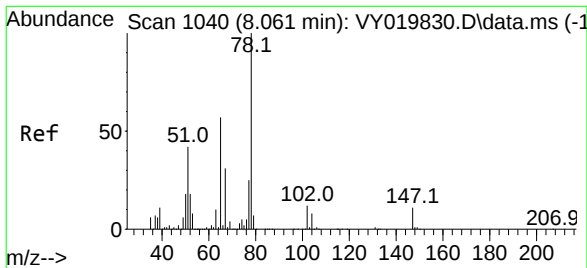
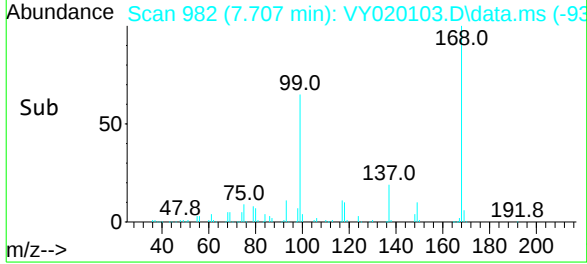
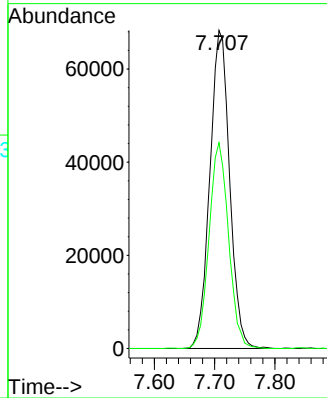
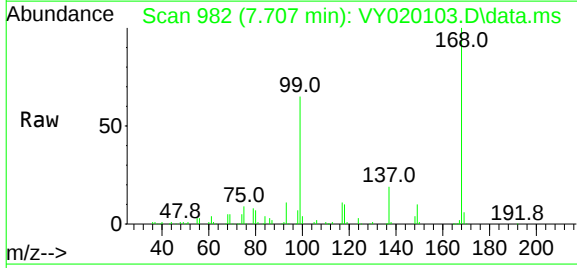




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

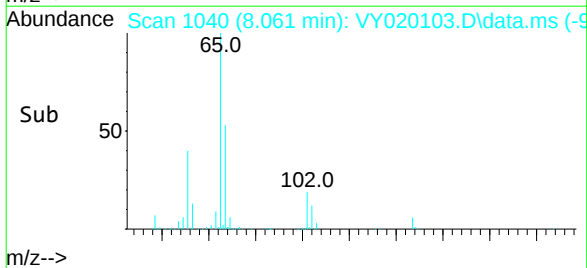
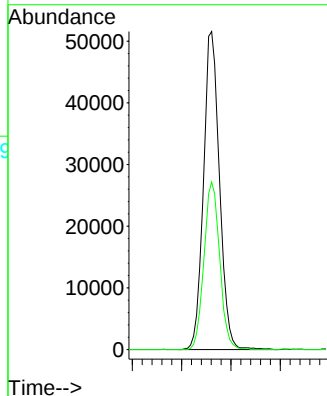
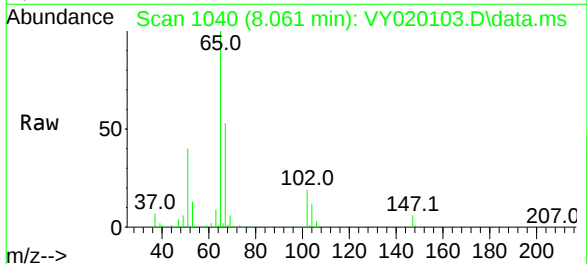
Instrument :
MSVOA_Y
ClientSampleId :
BP-F9-MOVED-VOC

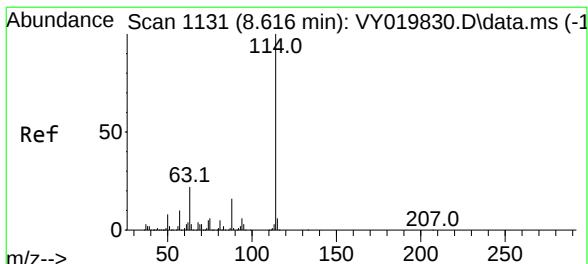
Tgt Ion:168 Resp: 155732
Ion Ratio Lower Upper
168 100
99 64.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.825 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020103.D
Acq: 31 Oct 2024 18:32

Tgt Ion: 65 Resp: 116278
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

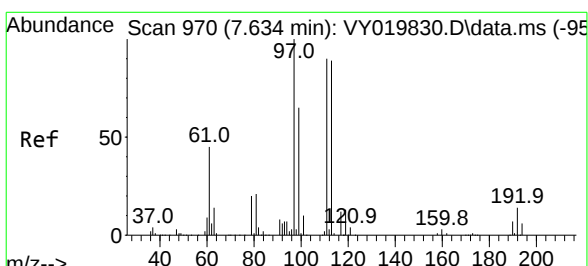
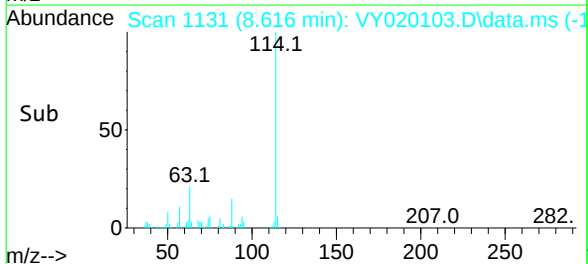
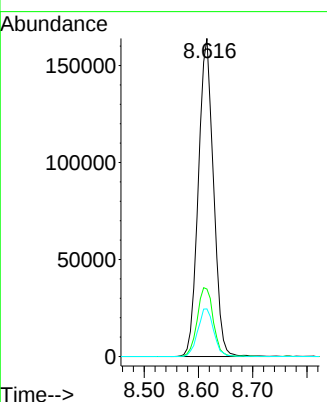
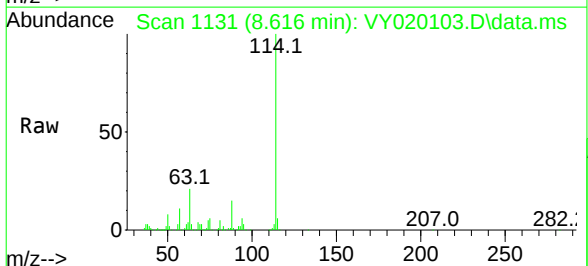




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020103.D
 Acq: 31 Oct 2024 18:32

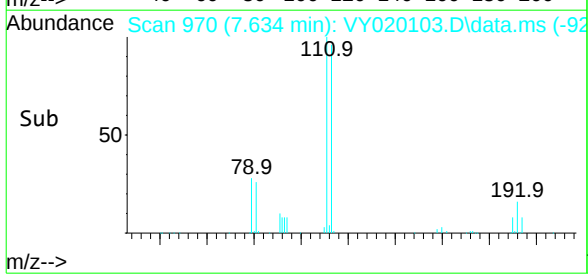
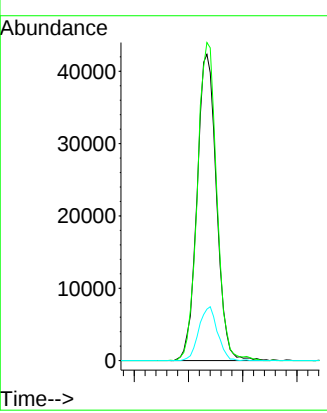
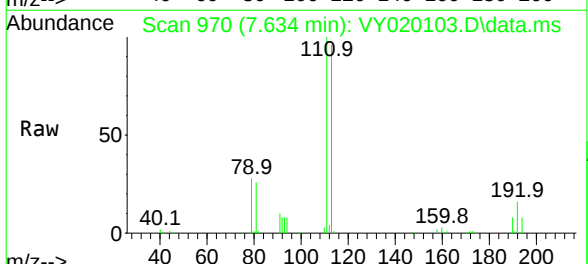
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 ClientSampleId :
 BP-F9-MOVED-VOC

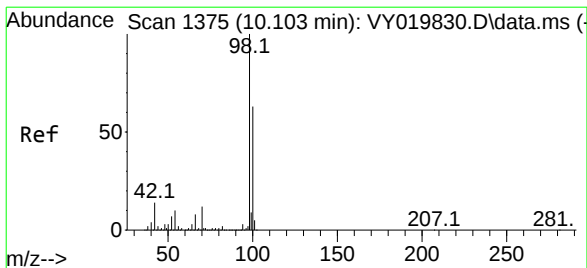
Tgt Ion:	114	Resp:	317541
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	35.0
88	15.0	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.340 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020103.D
 Acq: 31 Oct 2024 18:32

Tgt Ion:	113	Resp:	105670
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 48.368 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

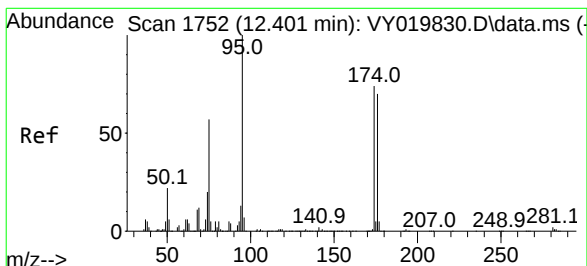
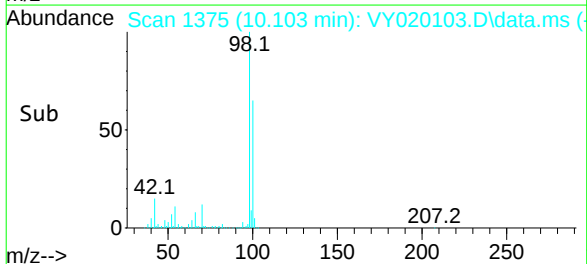
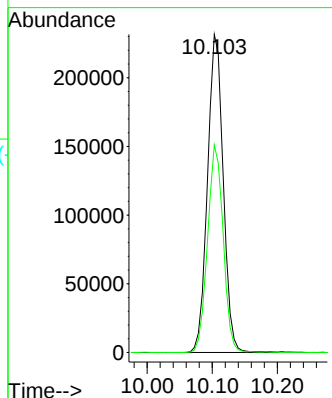
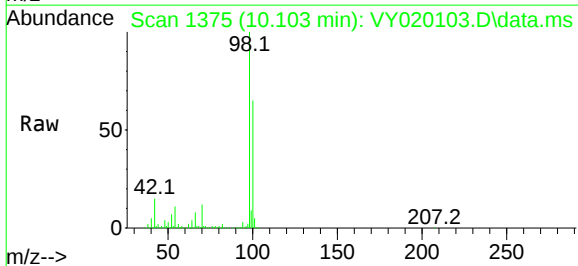
BP-F9-MOVED-VOC

Tgt Ion: 98 Resp: 388697

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.542 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

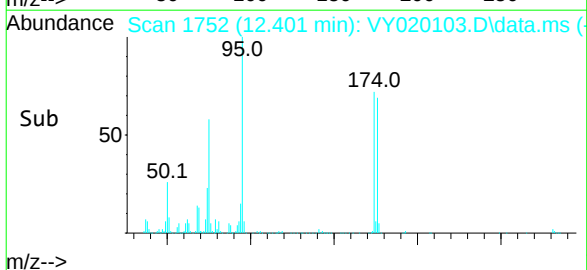
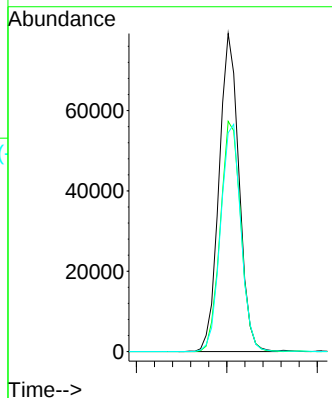
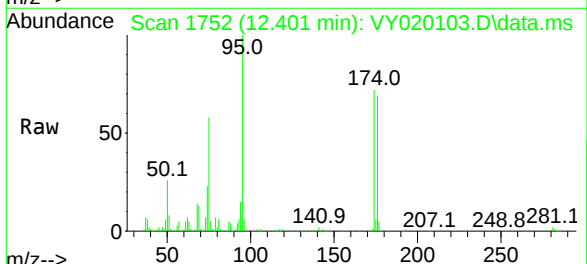
Tgt Ion: 95 Resp: 121486

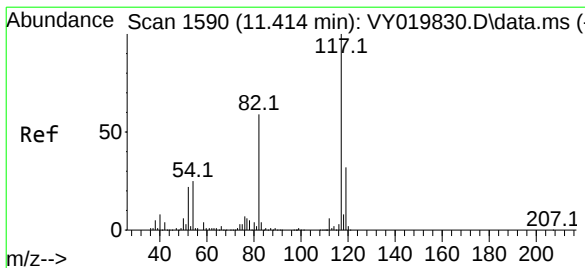
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 72.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

Instrument :

MSVOA_Y

ClientSampleId :

BP-F9-MOVED-VOC

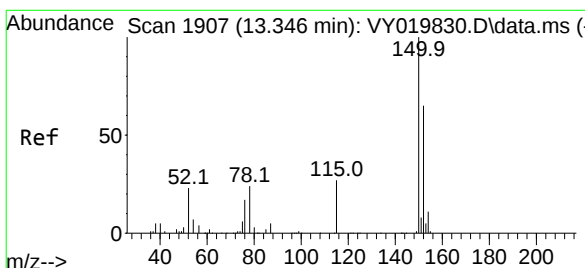
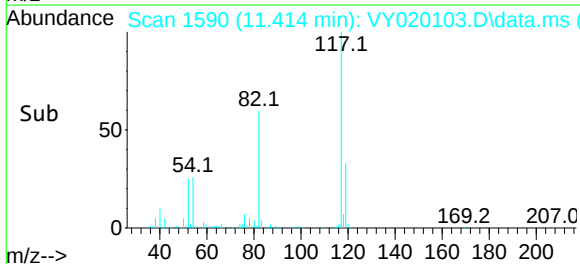
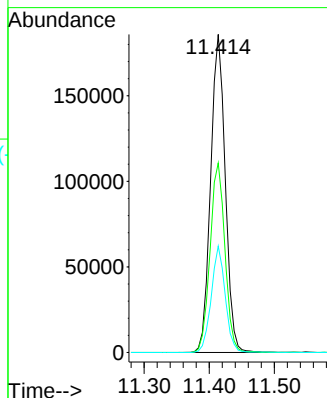
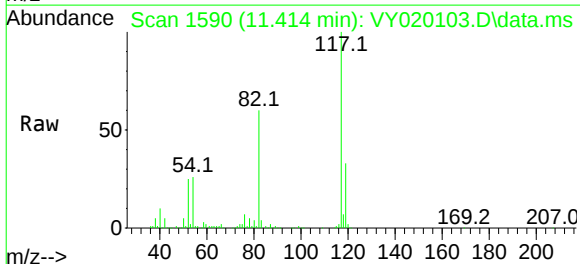
Tgt Ion:117 Resp: 290141

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 33.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020103.D

Acq: 31 Oct 2024 18:32

Tgt Ion:152 Resp: 110191

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 154.0 0.0 345.6

