

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020150.D
 Acq On : 04 Nov 2024 18:07
 Operator : SY/MD
 Sample : P4693-03
 Misc : 3.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-G5-WC-VOC

Quant Time: Nov 05 00:36:11 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	7.713	168	106343	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	218369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	197276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	71238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78107	58.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.640	113	73550	52.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.109	98	268920	48.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.408	95	78371	43.660	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.320%

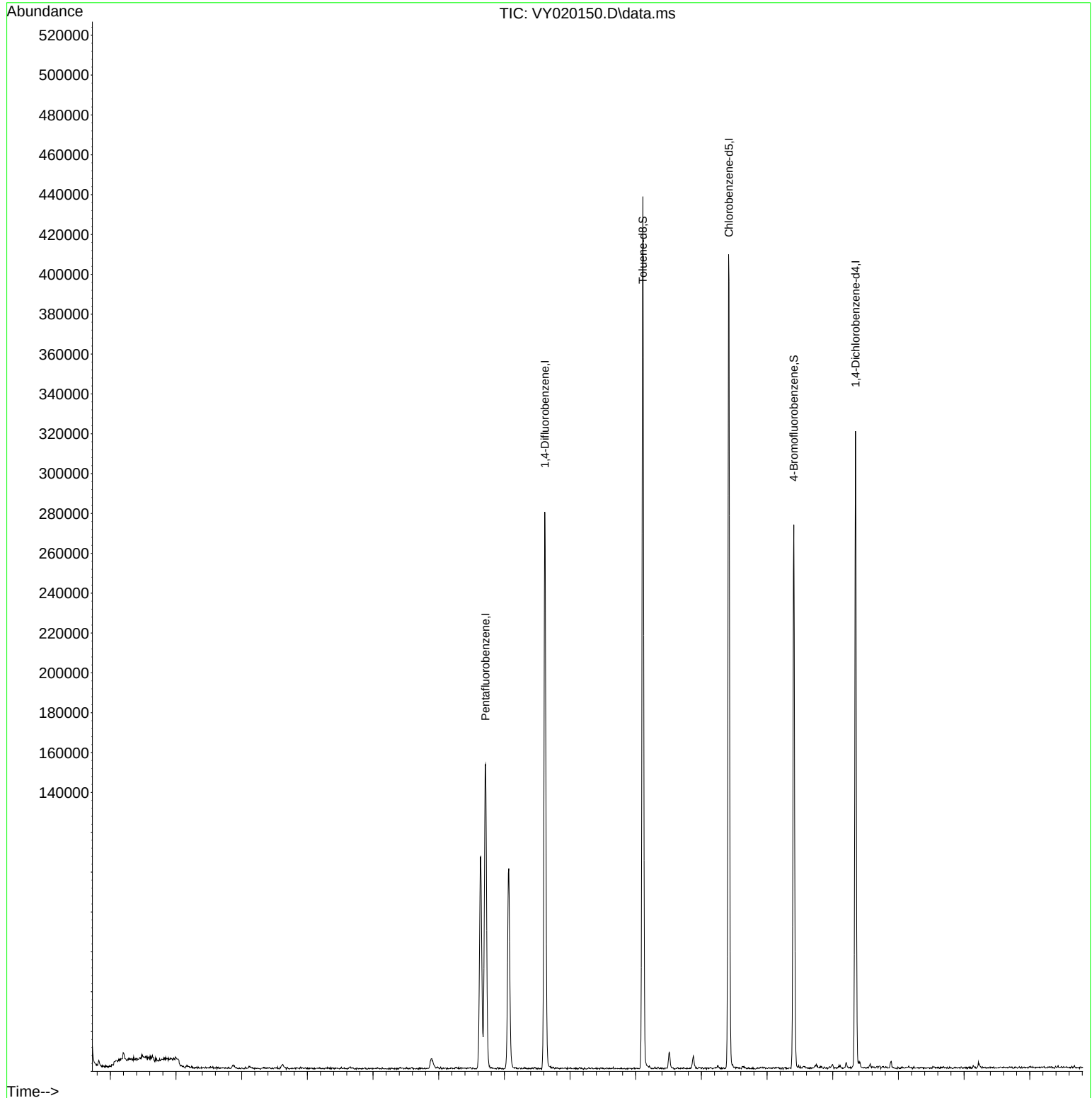
Target Compounds	Qvalue

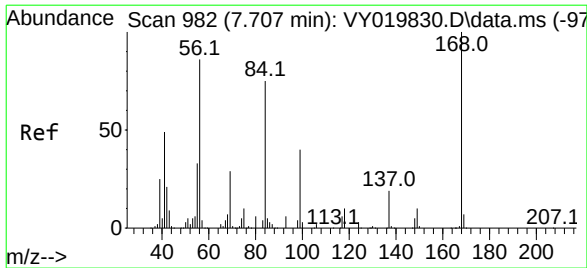
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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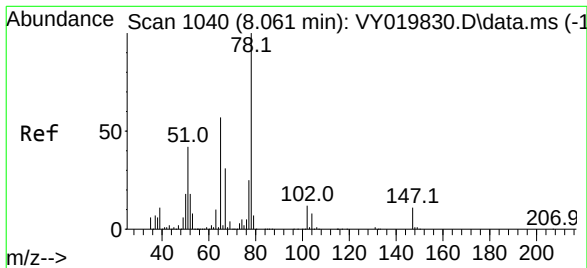
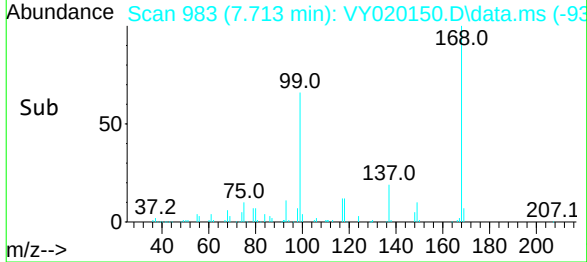
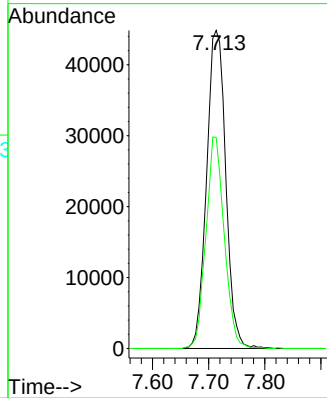
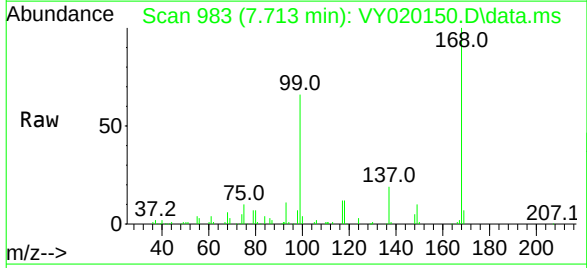




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

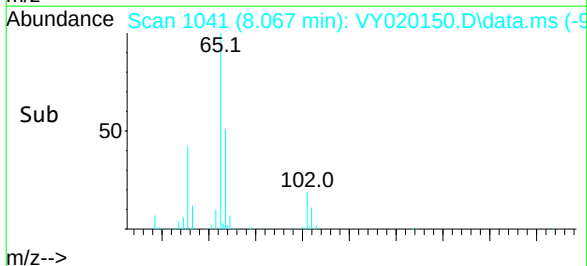
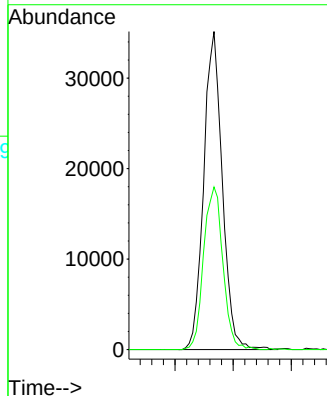
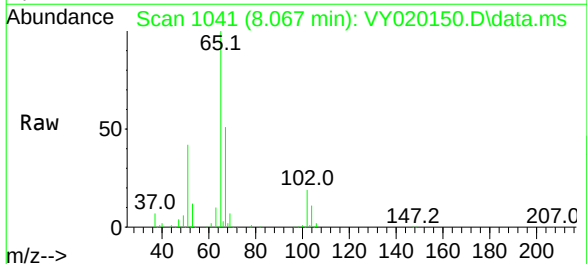
Instrument :
MSVOA_Y
ClientSampleId :
BP-G5-WC-VOC

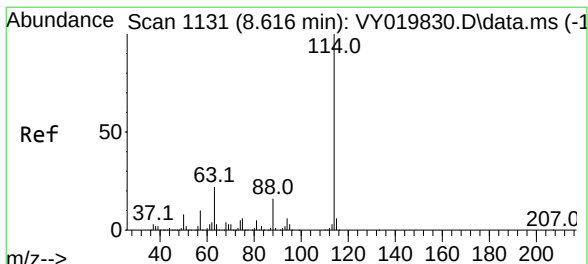
Tgt Ion:168 Resp: 106343
Ion Ratio Lower Upper
168 100
99 66.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.850 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020150.D
Acq: 04 Nov 2024 18:07

Tgt Ion: 65 Resp: 78107
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

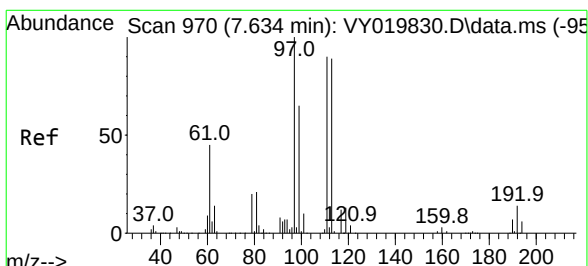
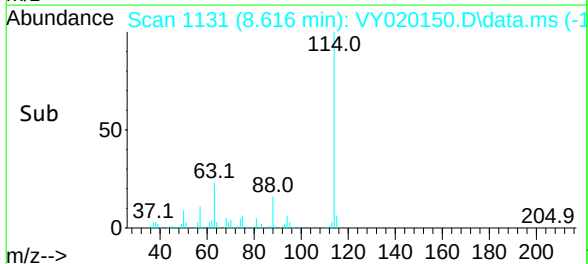
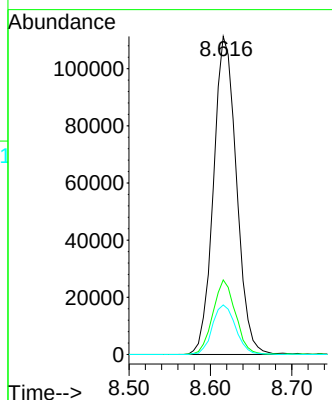
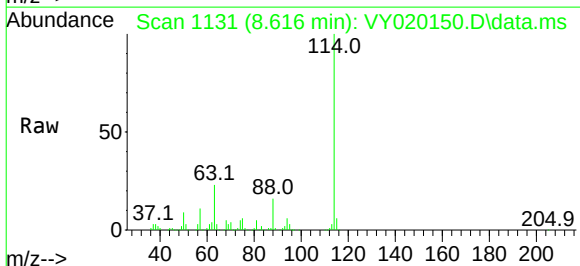




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020150.D
 Acq: 04 Nov 2024 18:07

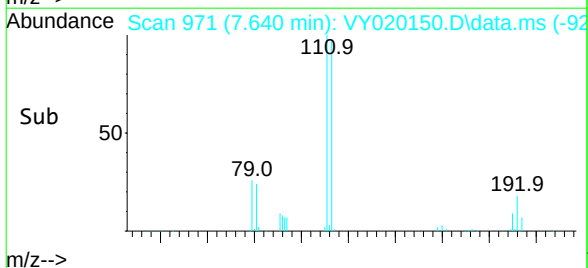
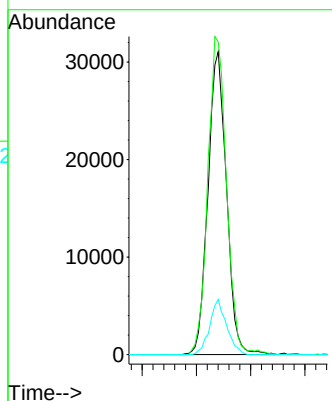
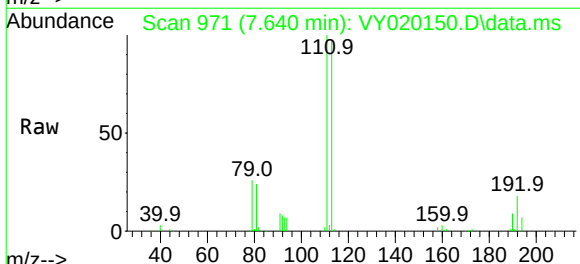
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-G5-WC-VOC

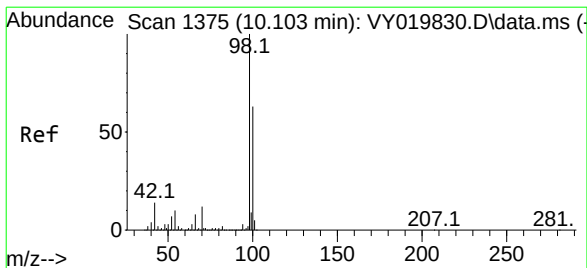
Tgt Ion:	114	Resp:	218369
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	35.0
88	15.6	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.975 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.007 min
 Lab File: VY020150.D
 Acq: 04 Nov 2024 18:07

Tgt Ion:	113	Resp:	73550
Ion	Ratio	Lower	Upper
113	100		
111	106.4	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 48.661 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

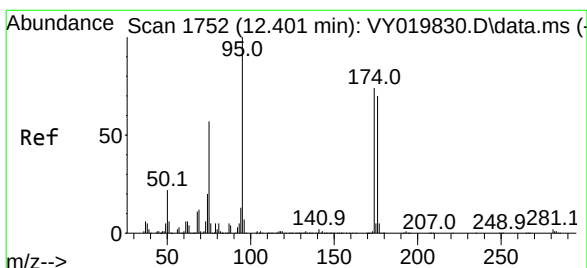
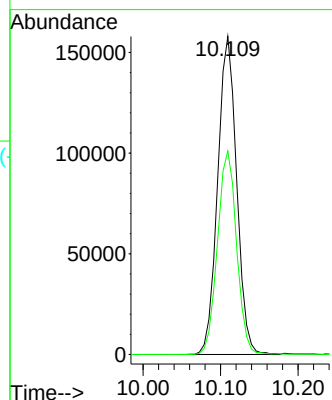
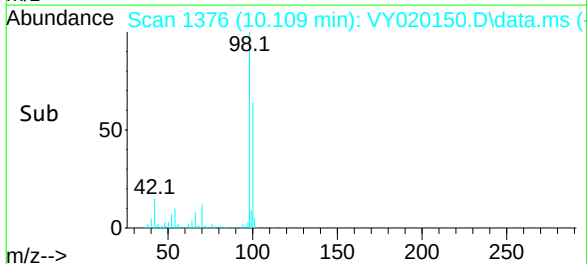
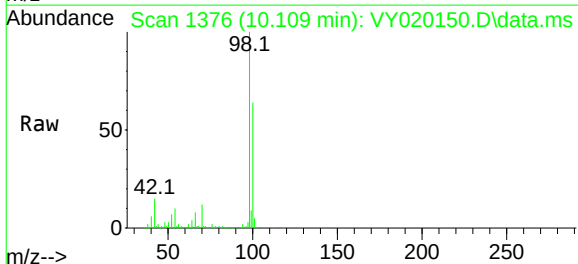
BP-G5-WC-VOC

Tgt Ion: 98 Resp: 268920

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.660 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

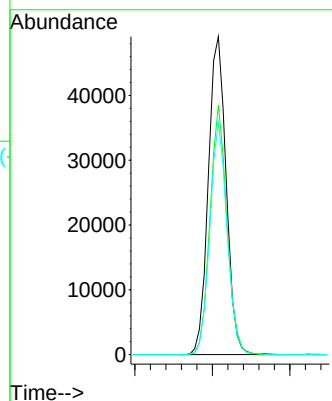
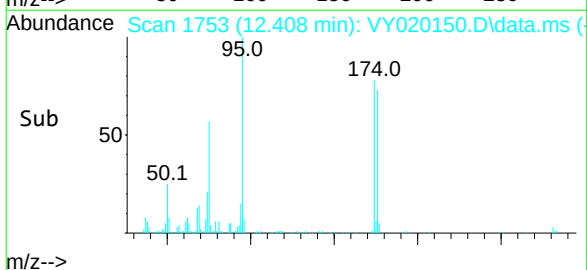
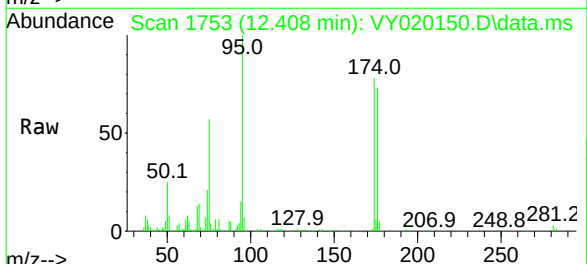
Tgt Ion: 95 Resp: 78371

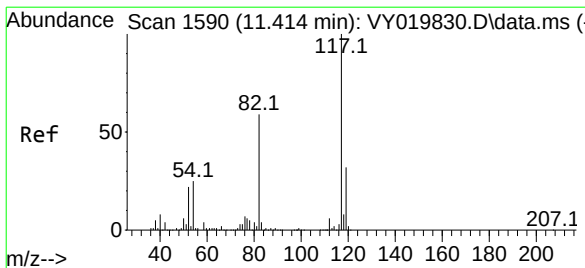
Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

BP-G5-WC-VOC

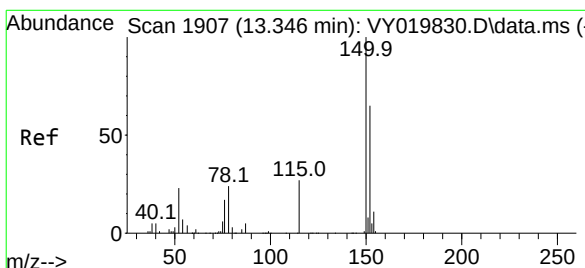
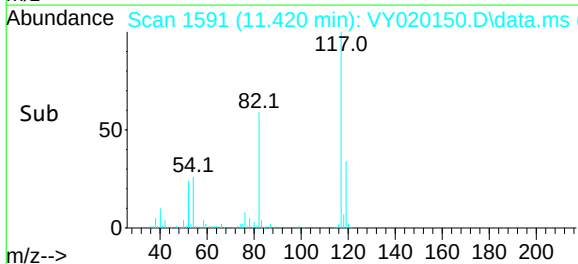
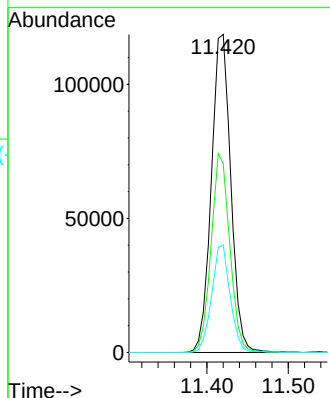
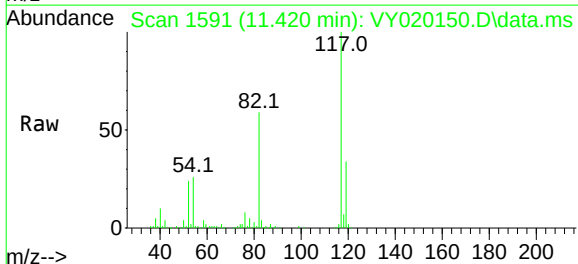
Tgt Ion:117 Resp: 197276

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 33.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020150.D

Acq: 04 Nov 2024 18:07

Tgt Ion:152 Resp: 71238

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 153.7 0.0 345.6

