

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020207.D
 Acq On : 07 Nov 2024 15:20
 Operator : SY/MD
 Sample : P4722-06
 Misc : 11.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2(2)

Quant Time: Nov 08 00:28:02 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	198592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	428344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	407022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153252	61.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.660%	
35) Dibromofluoromethane	7.634	113	143441	52.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.103	98	536403	49.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	12.402	95	178591	50.720	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.440%	

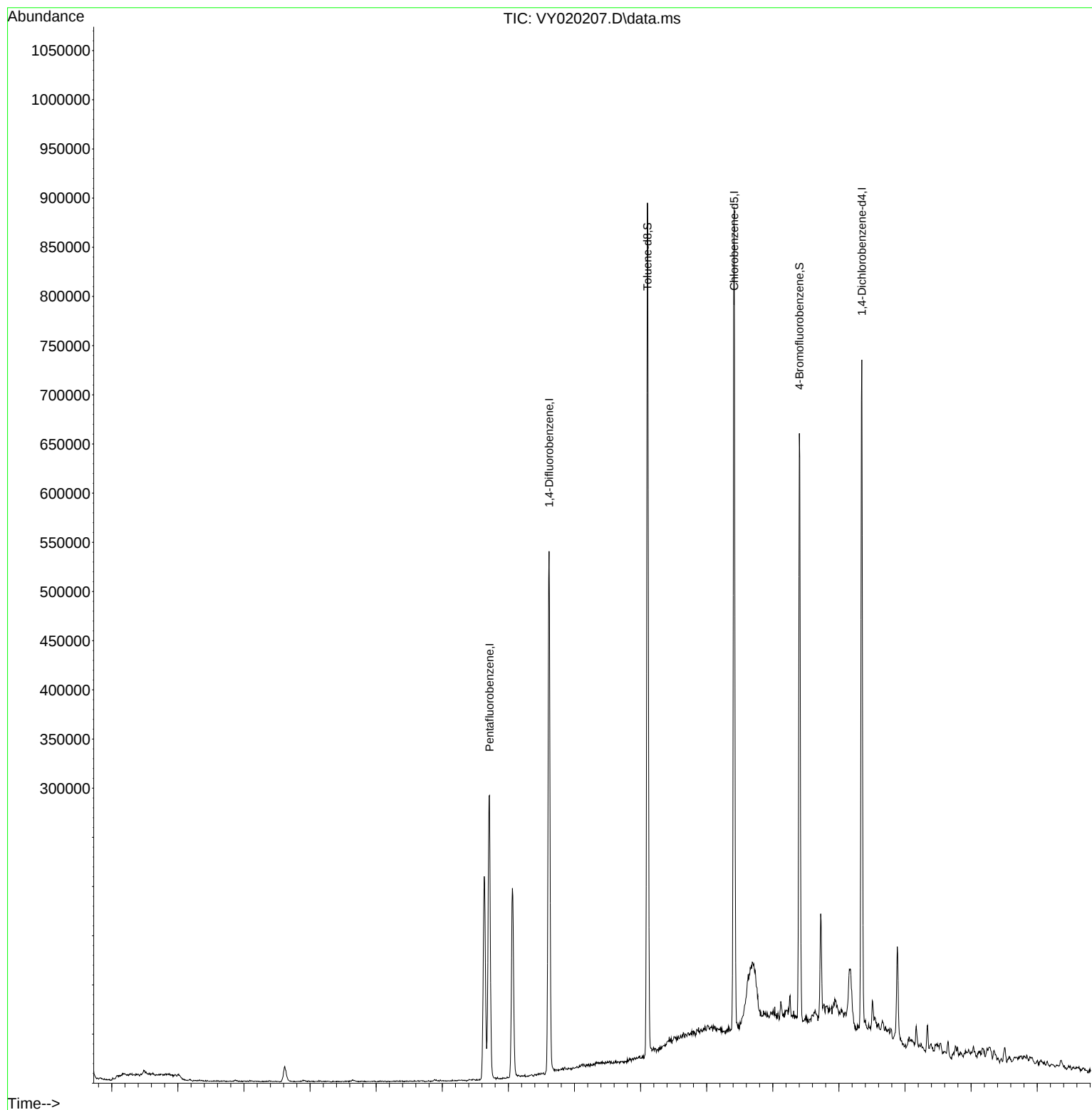
Target Compounds Qvalue

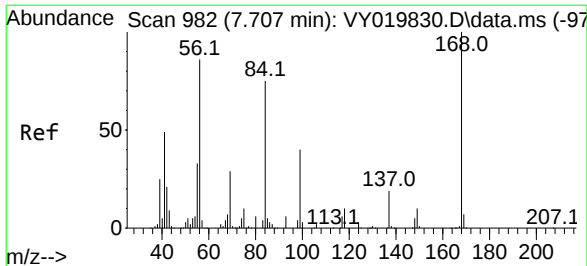
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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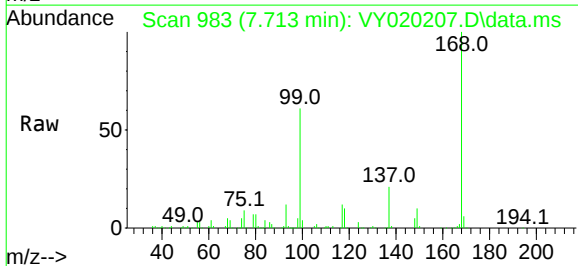
Quant Time: Nov 08 00:28:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
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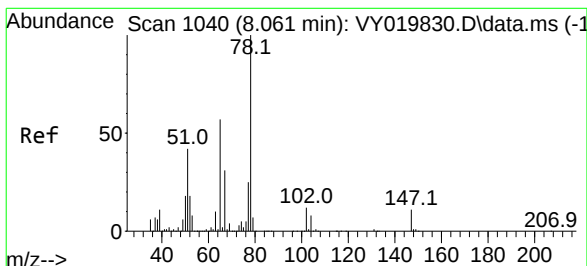
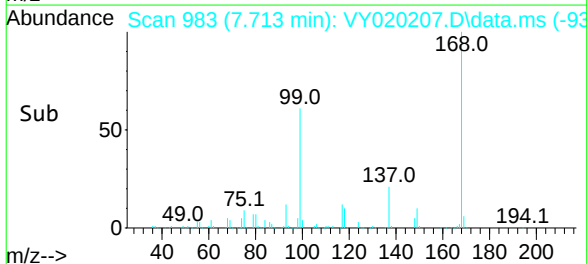
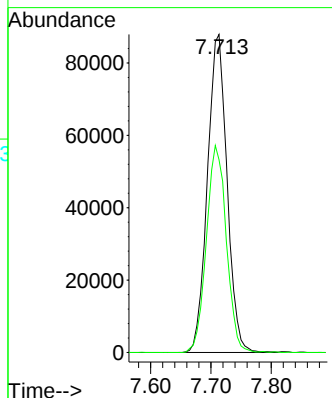


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020207.D
Acq: 07 Nov 2024 15:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-2(2)

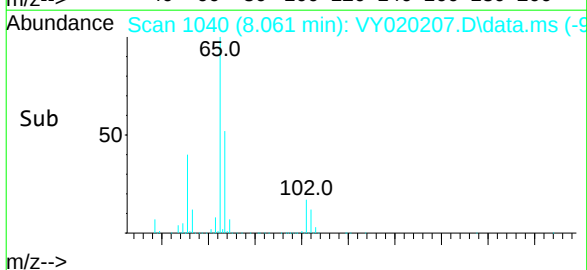
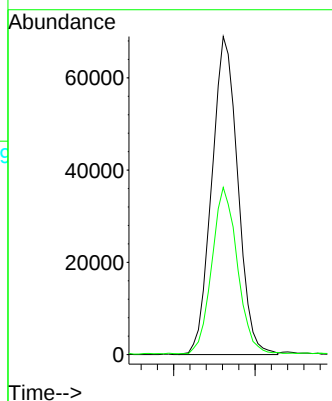
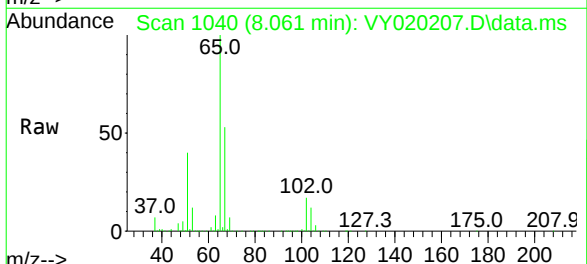


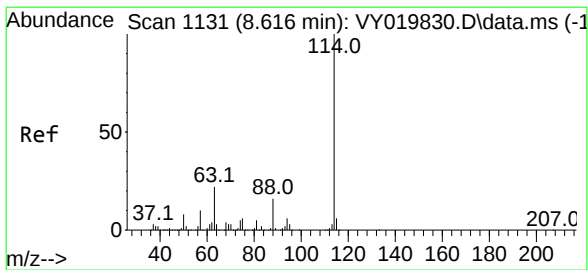
Tgt Ion: 168 Resp: 198592
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.831 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020207.D
Acq: 07 Nov 2024 15:20

Tgt Ion: 65 Resp: 153252
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020207.D

Acq: 07 Nov 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-2(2)

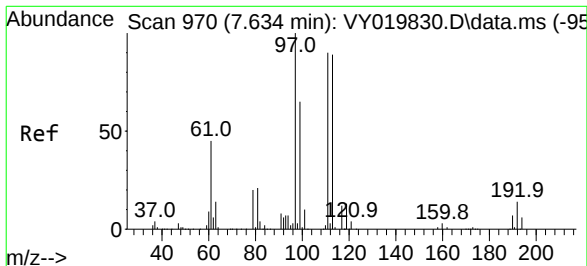
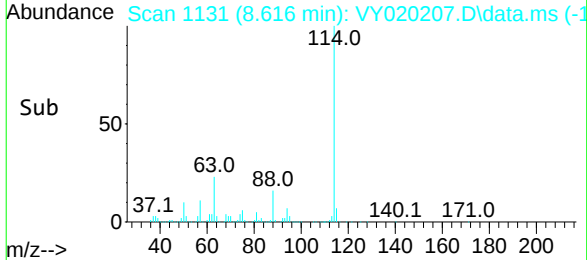
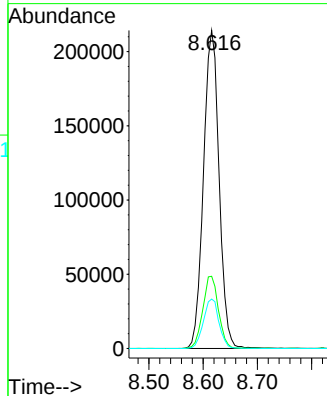
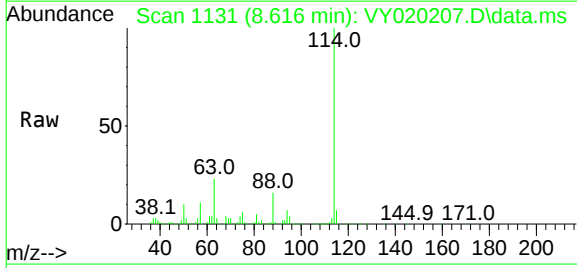
Tgt Ion:114 Resp: 428344

Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.670 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020207.D

Acq: 07 Nov 2024 15:20

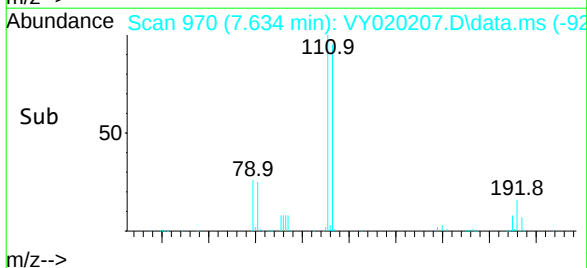
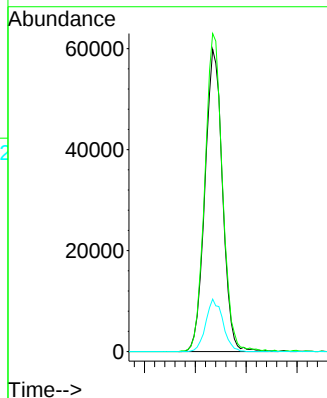
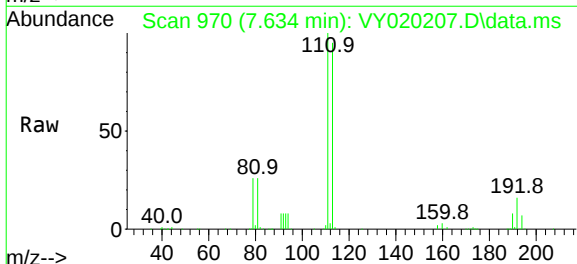
Tgt Ion:113 Resp: 143441

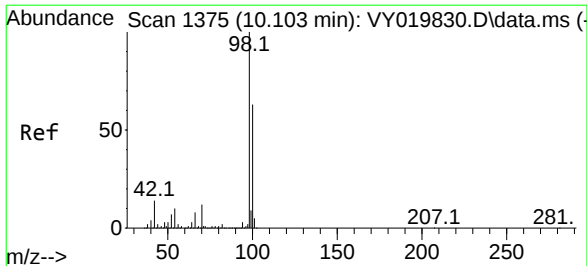
Ion Ratio Lower Upper

113 100

111 105.8 82.2 123.4

192 16.9 15.9 23.9





#50

Toluene-d8

Concen: 49.482 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020207.D

Acq: 07 Nov 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

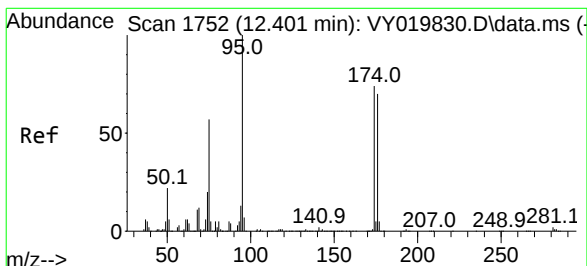
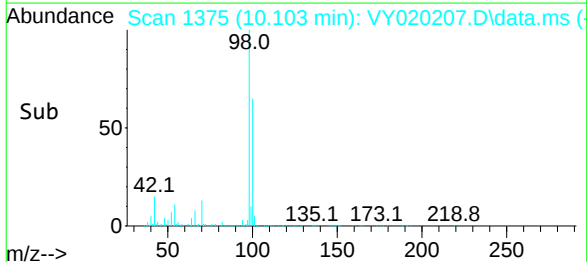
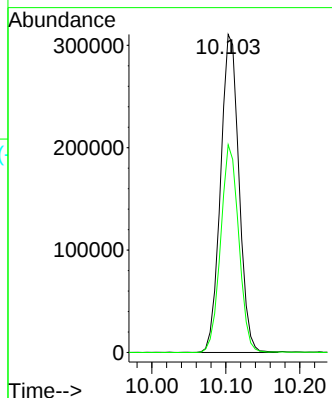
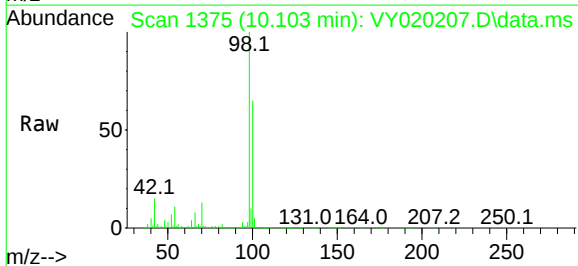
WC-2(2)

Tgt Ion: 98 Resp: 536403

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.720 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020207.D

Acq: 07 Nov 2024 15:20

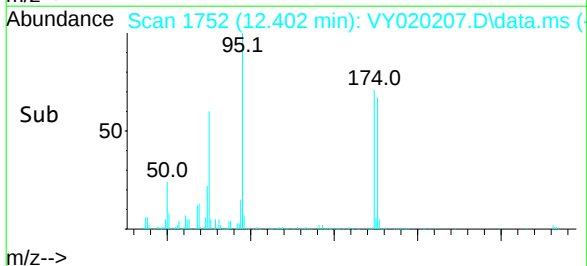
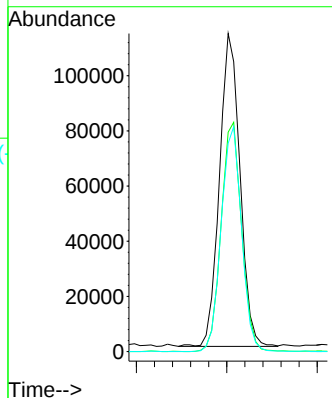
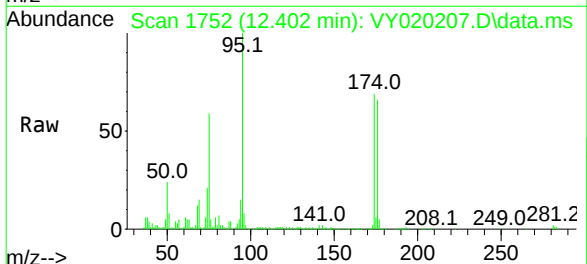
Tgt Ion: 95 Resp: 178591

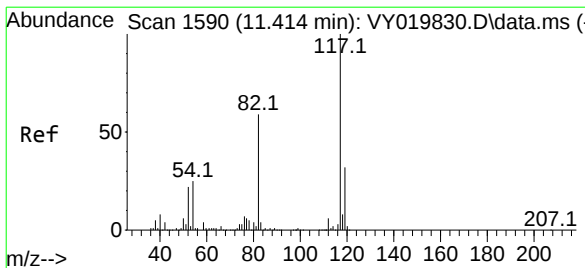
Ion Ratio Lower Upper

95 100

174 73.2 0.0 175.6

176 71.2 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: VY020207.D

Acq: 07 Nov 2024 15:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-2(2)

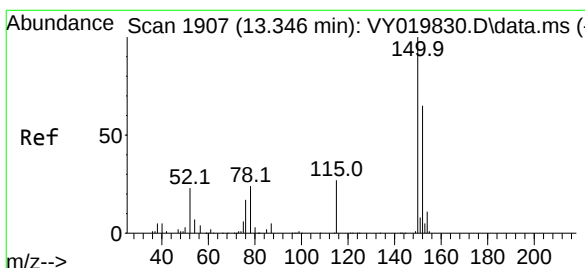
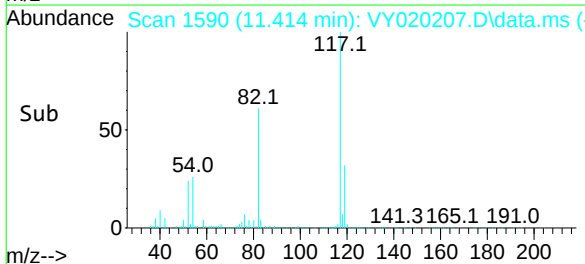
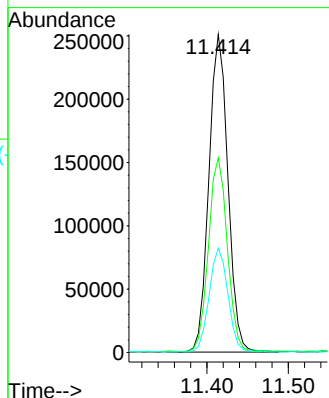
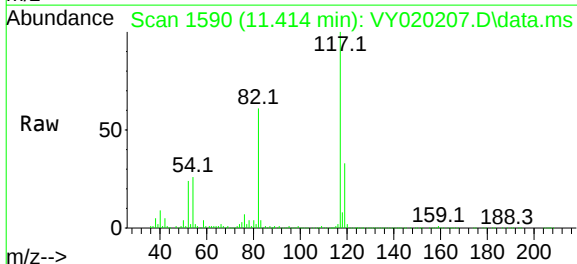
Tgt Ion:117 Resp: 407022

Ion Ratio Lower Upper

117 100

82 61.0 42.4 63.6

119 32.7 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: VY020207.D

Acq: 07 Nov 2024 15:20

Tgt Ion:152 Resp: 153864

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 158.0 0.0 345.6

