

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020164.D
 Acq On : 05 Nov 2024 14:08
 Operator : SY/MD
 Sample : P4693-03
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 06 00:25:31 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	157006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	329019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	308956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115100	58.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.480%
35) Dibromofluoromethane	7.640	113	109102	52.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.109	98	411168	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.407	95	129603	47.919	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.840%

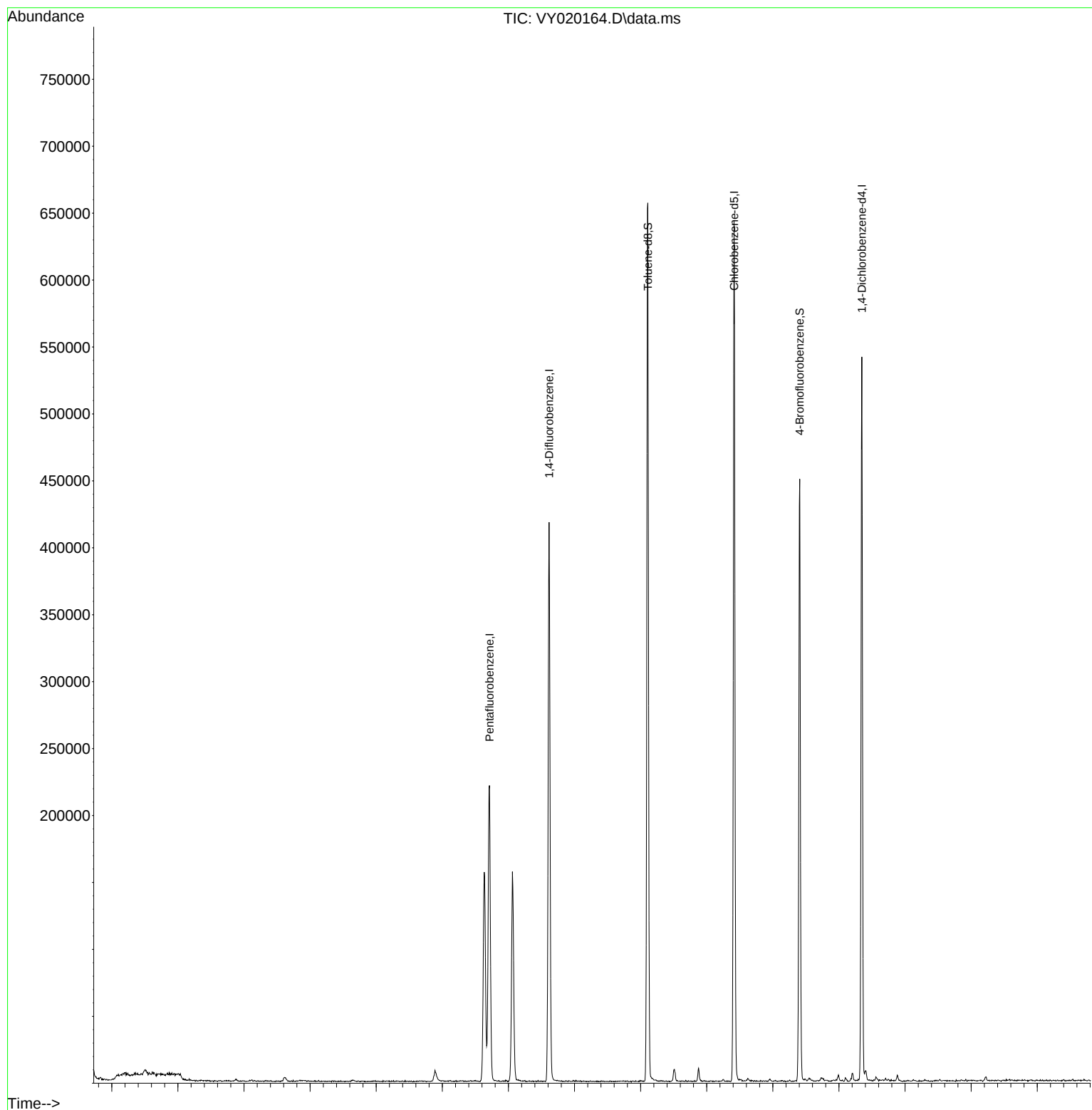
Target Compounds Qvalue

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

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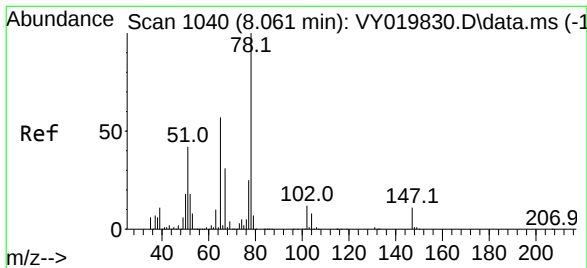
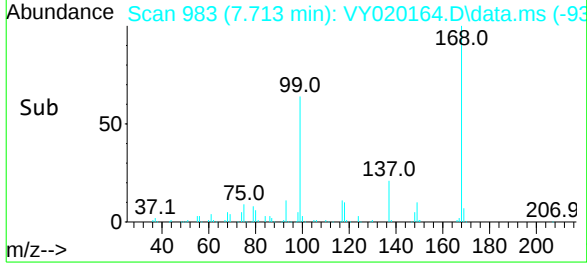
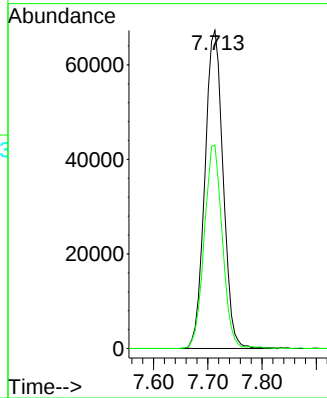
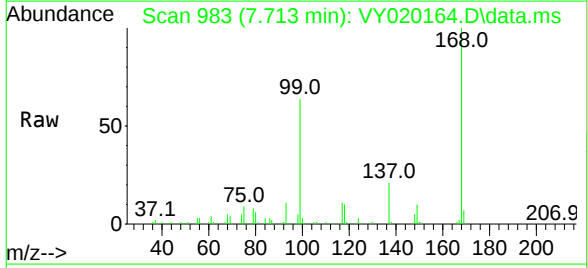




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

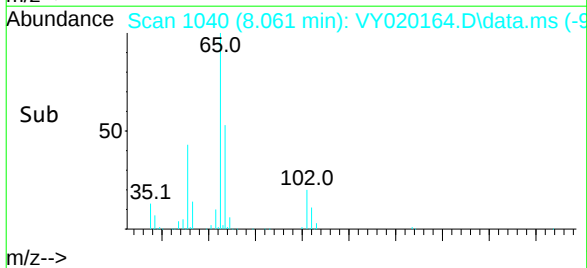
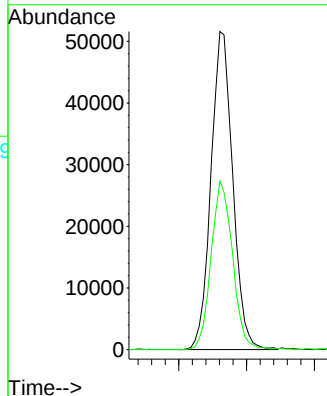
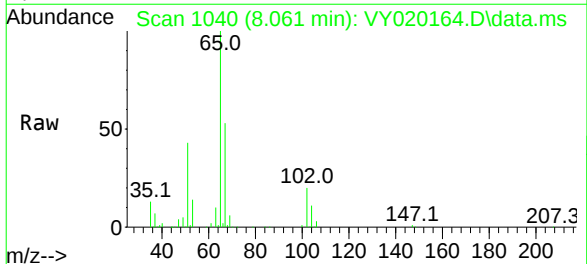
Instrument :
MSVOA_Y
ClientSampleId :
BP-G5-WC-VOC

Tgt Ion:168 Resp: 157006
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.738 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Tgt Ion: 65 Resp: 115100
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

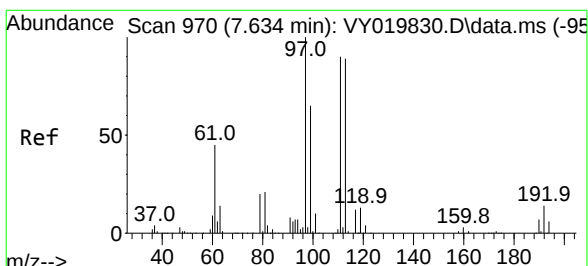
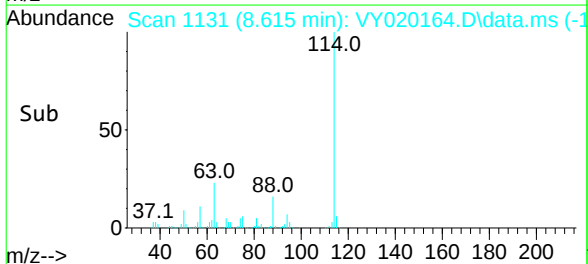
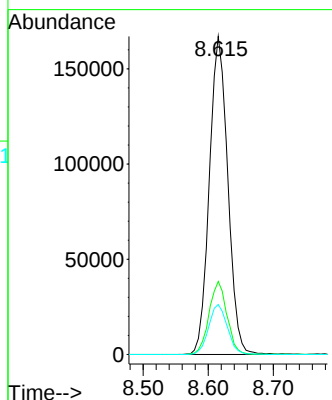
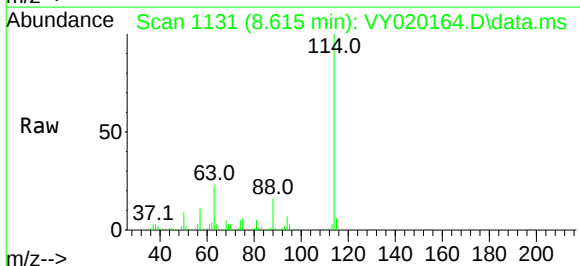




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020164.D
 Acq: 05 Nov 2024 14:08

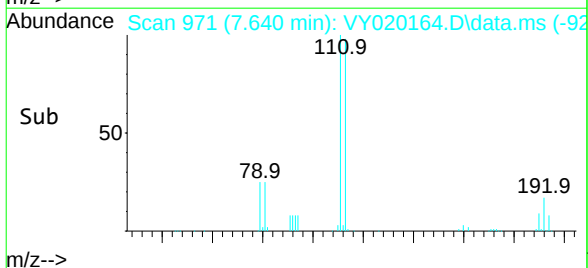
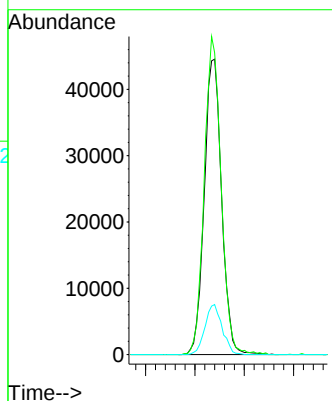
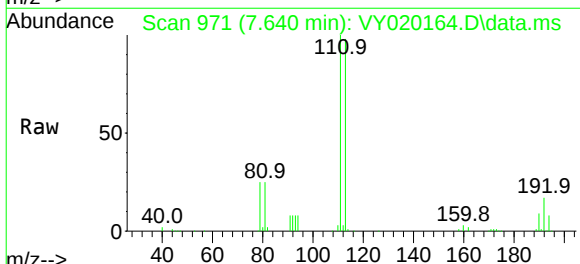
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-G5-WC-VOC

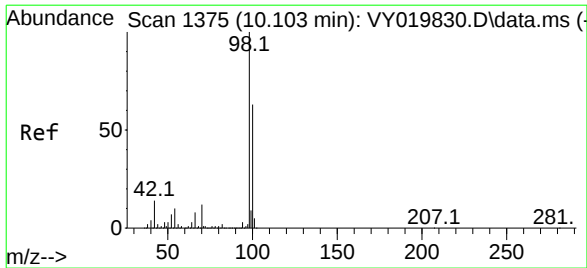
Tgt Ion:	114	Resp:	329019
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	35.0
88	15.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.155 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020164.D
 Acq: 05 Nov 2024 14:08

Tgt Ion:	113	Resp:	109102
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 49.379 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

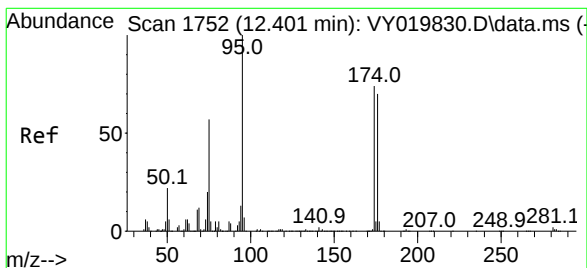
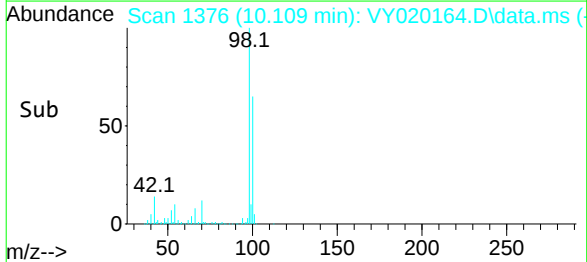
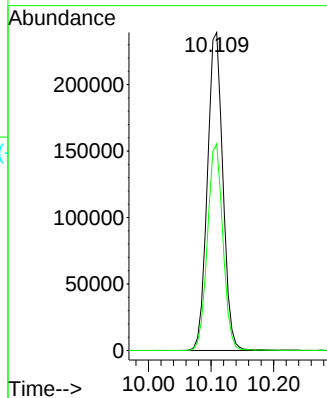
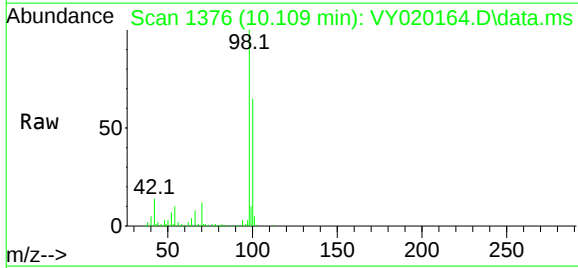
BP-G5-WC-VOC

Tgt Ion: 98 Resp: 411168

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.919 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

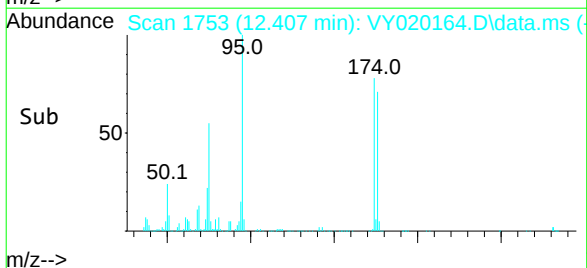
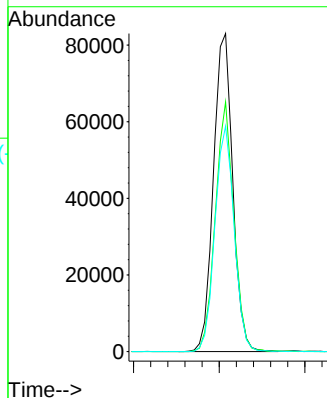
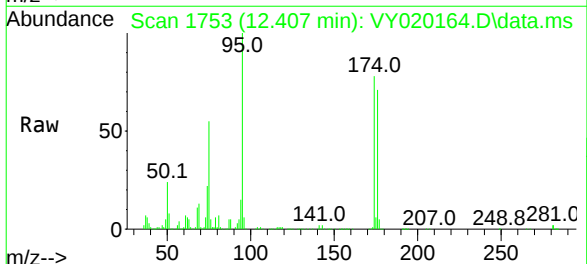
Tgt Ion: 95 Resp: 129603

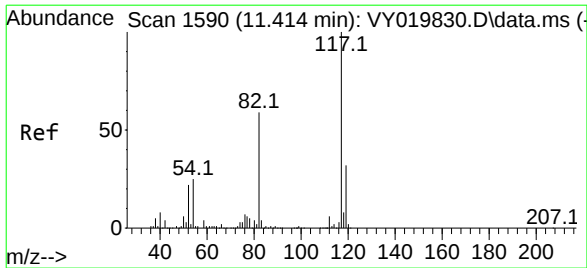
Ion Ratio Lower Upper

95 100

174 75.5 0.0 175.6

176 70.7 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: VY020164.D

Acq: 05 Nov 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

BP-G5-WC-VOC

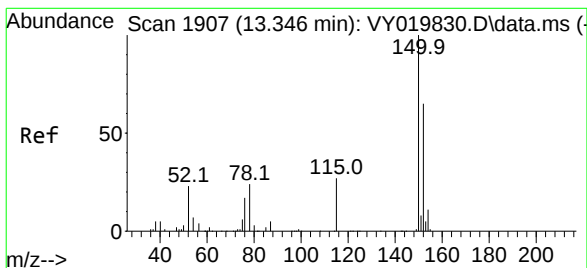
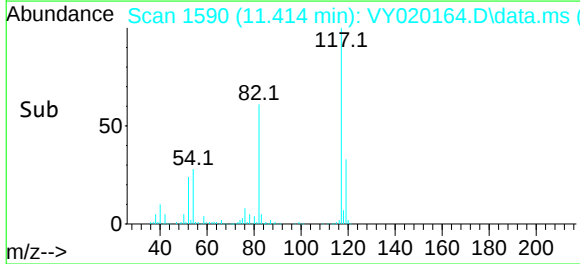
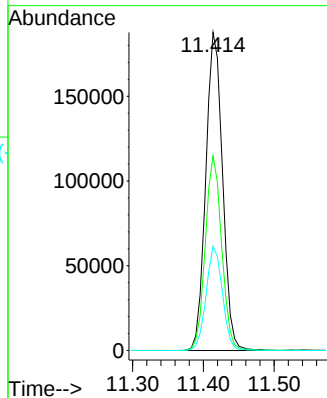
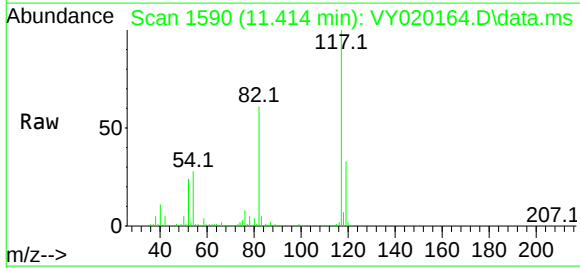
Tgt Ion:117 Resp: 308956

Ion Ratio Lower Upper

117 100

82 61.2 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: VY020164.D

Acq: 05 Nov 2024 14:08

Tgt Ion:152 Resp: 116313

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 160.1 0.0 345.6

