

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020161.D
 Acq On : 05 Nov 2024 12:58
 Operator : SY/MD
 Sample : P4680-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F26-VOC

Quant Time: Nov 06 00:24:24 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	163146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	336629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112127	55.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.640	113	110232	51.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.109	98	425681	49.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.401	95	126703	45.788	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.580%

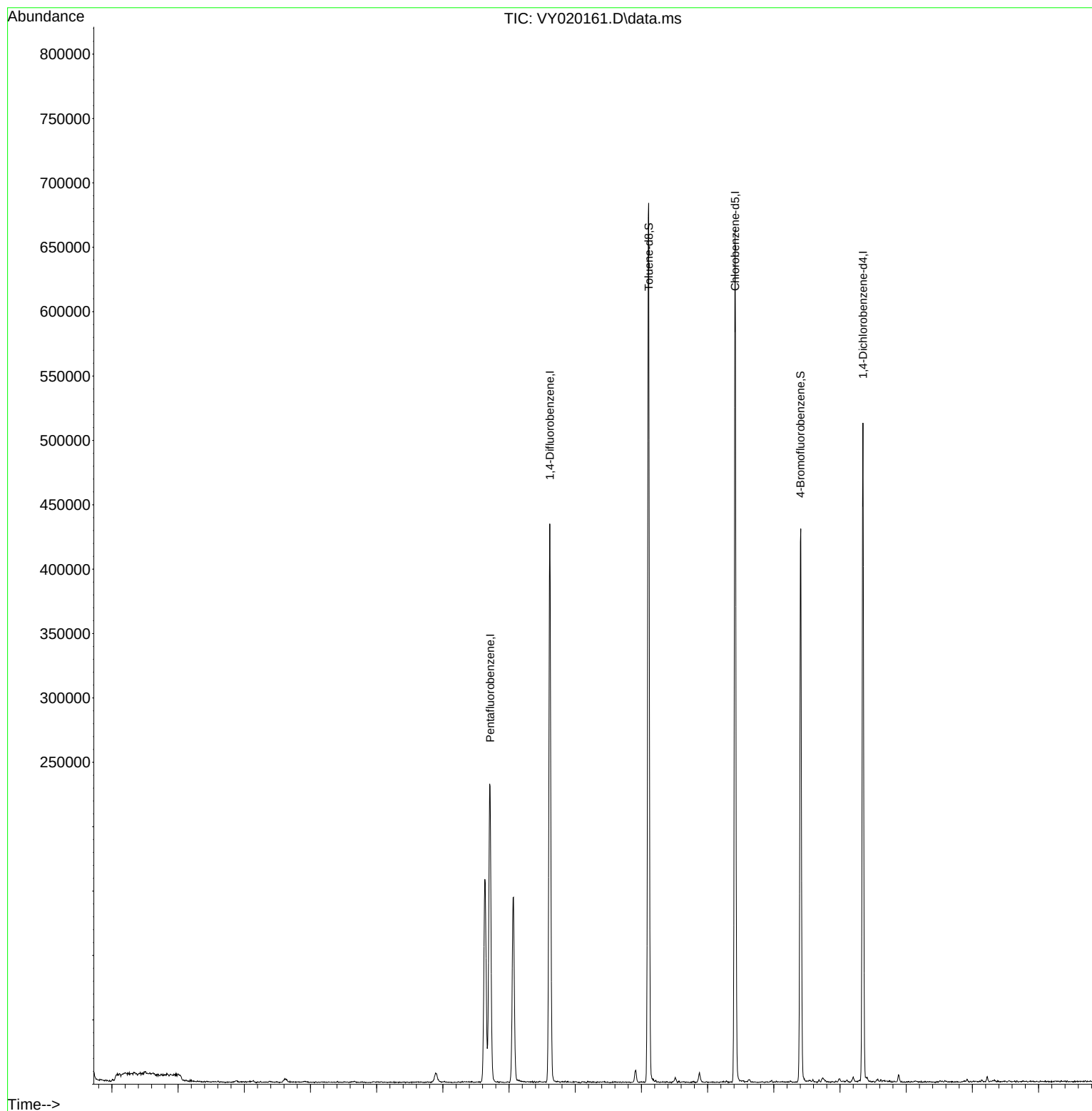
Target Compounds Qvalue

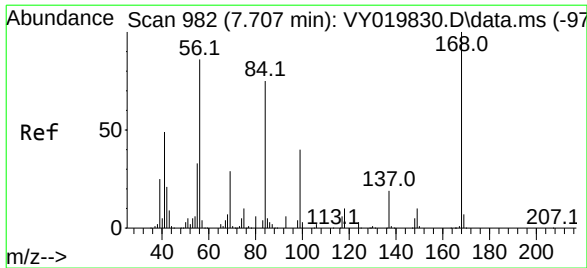
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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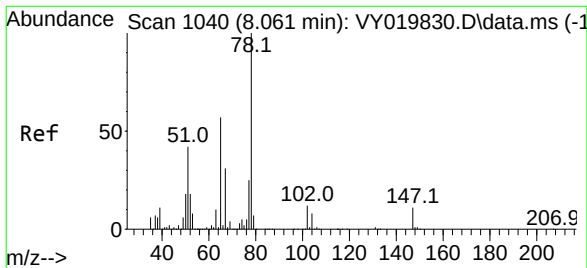
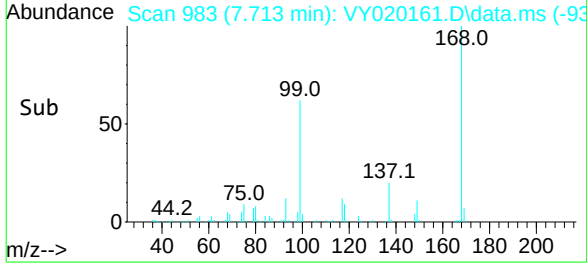
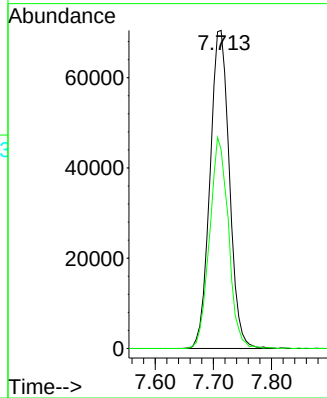
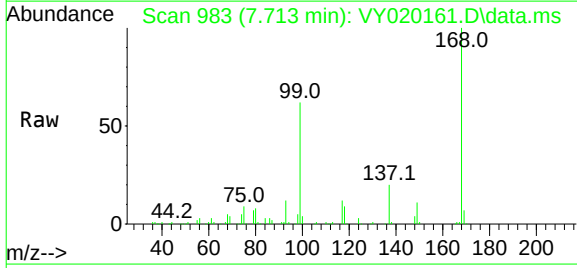




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

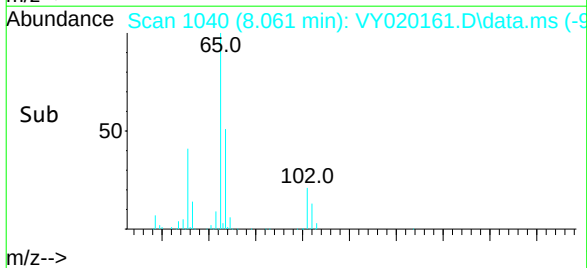
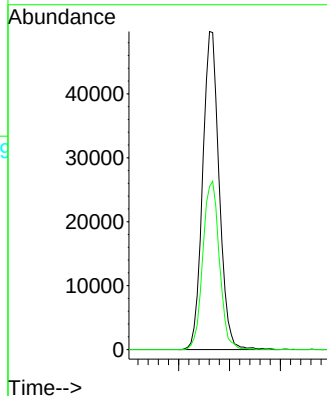
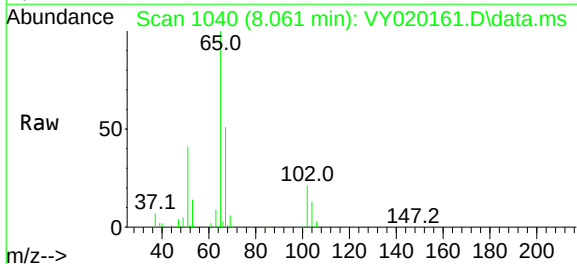
Instrument :
MSVOA_Y
ClientSampleId :
BP-F26-VOC

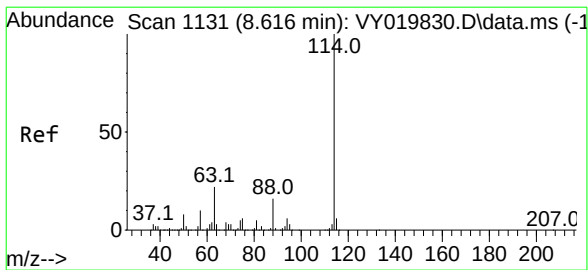
Tgt Ion:168 Resp: 163146
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.068 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

Tgt Ion: 65 Resp: 112127
Ion Ratio Lower Upper
65 100
67 53.0 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: VY020161.D

Acq: 05 Nov 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

BP-F26-VOC

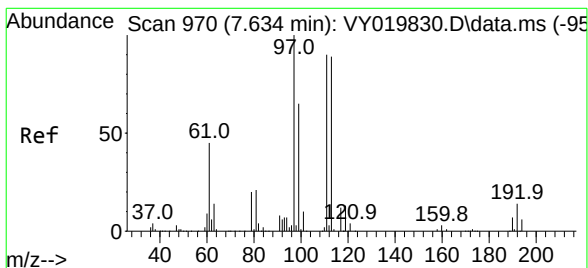
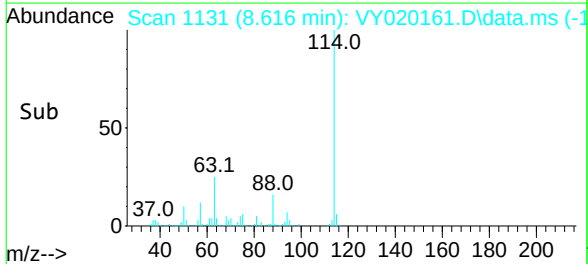
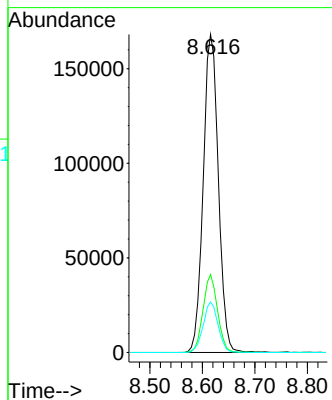
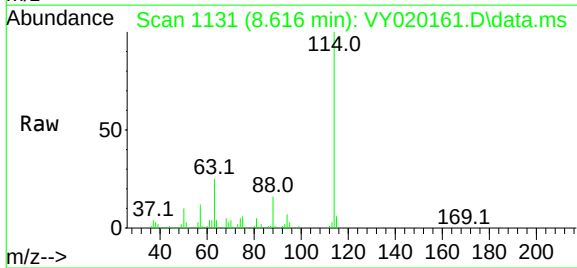
Tgt Ion:114 Resp: 336629

Ion Ratio Lower Upper

114 100

63 24.5 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.504 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020161.D

Acq: 05 Nov 2024 12:58

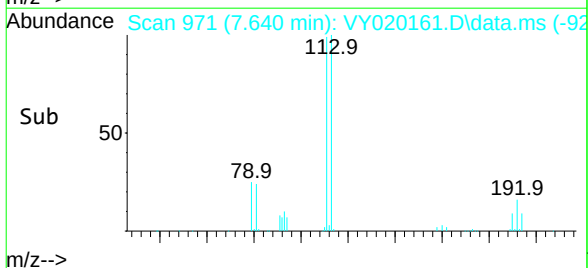
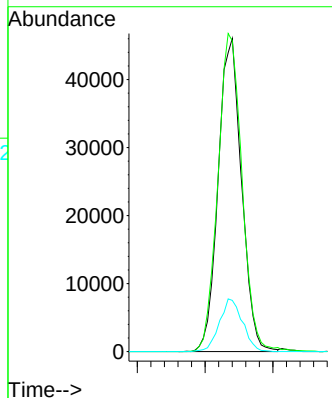
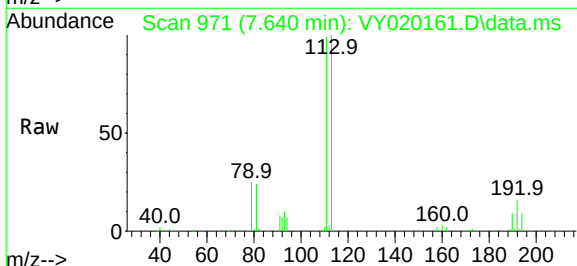
Tgt Ion:113 Resp: 110232

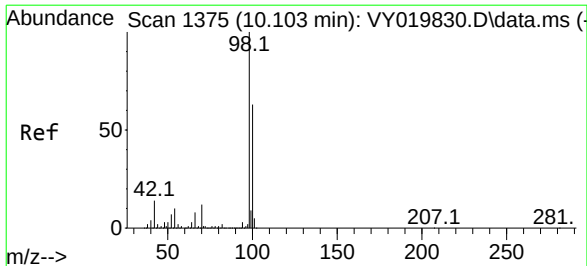
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 16.7 15.9 23.9





#50

Toluene-d8

Concen: 49.967 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020161.D

Acq: 05 Nov 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

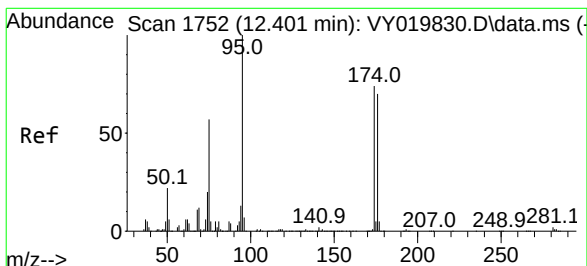
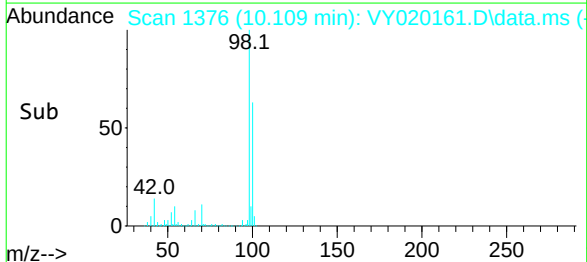
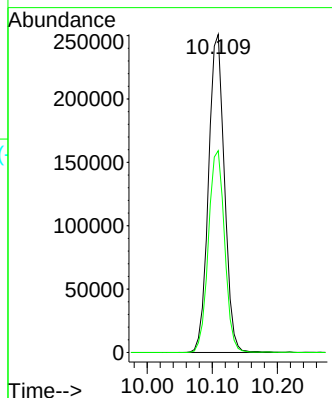
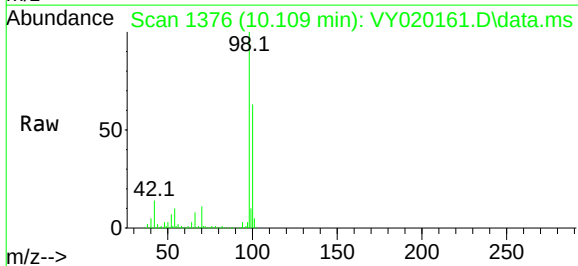
BP-F26-VOC

Tgt Ion: 98 Resp: 425681

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.788 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020161.D

Acq: 05 Nov 2024 12:58

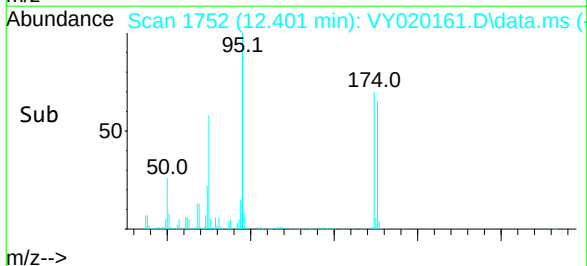
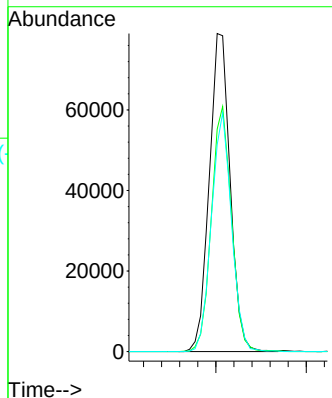
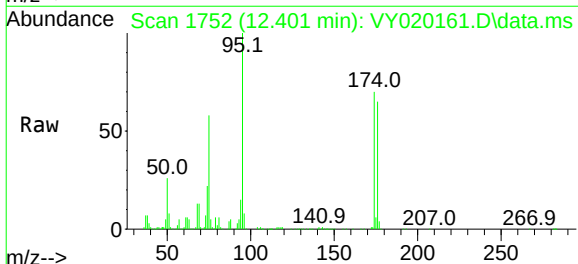
Tgt Ion: 95 Resp: 126703

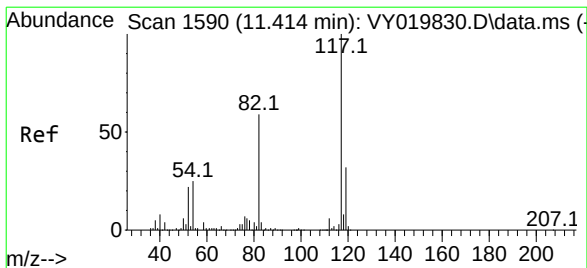
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 72.1 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: VY020161.D

Acq: 05 Nov 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

BP-F26-VOC

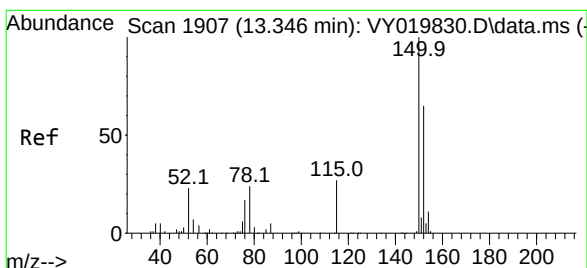
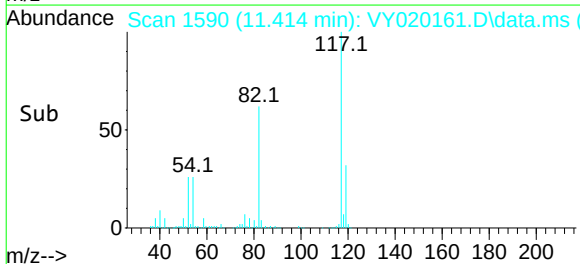
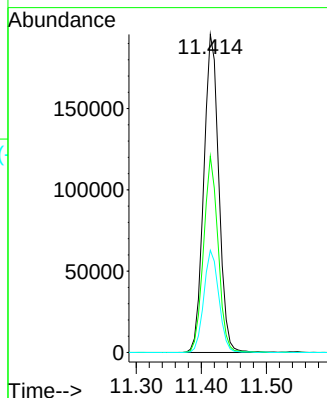
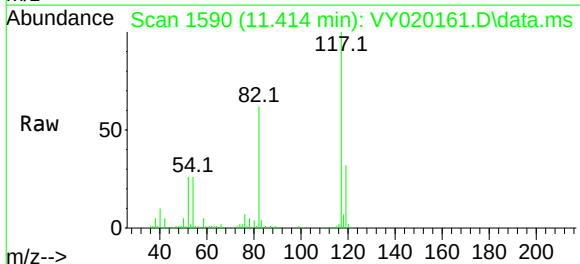
Tgt Ion:117 Resp: 313566

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 32.1 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: VY020161.D

Acq: 05 Nov 2024 12:58

Tgt Ion:152 Resp: 111615

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 156.3 0.0 345.6

