

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020139.D
 Acq On : 04 Nov 2024 13:49
 Operator : SY/MD
 Sample : P4680-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F26-VOC

Quant Time: Nov 05 00:31:33 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	80663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	162478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	145431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	48214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	61077	60.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.340%
35) Dibromofluoromethane	7.640	113	57340	55.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.020%
50) Toluene-d8	10.109	98	201351	48.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.408	95	57211	42.835	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.680%

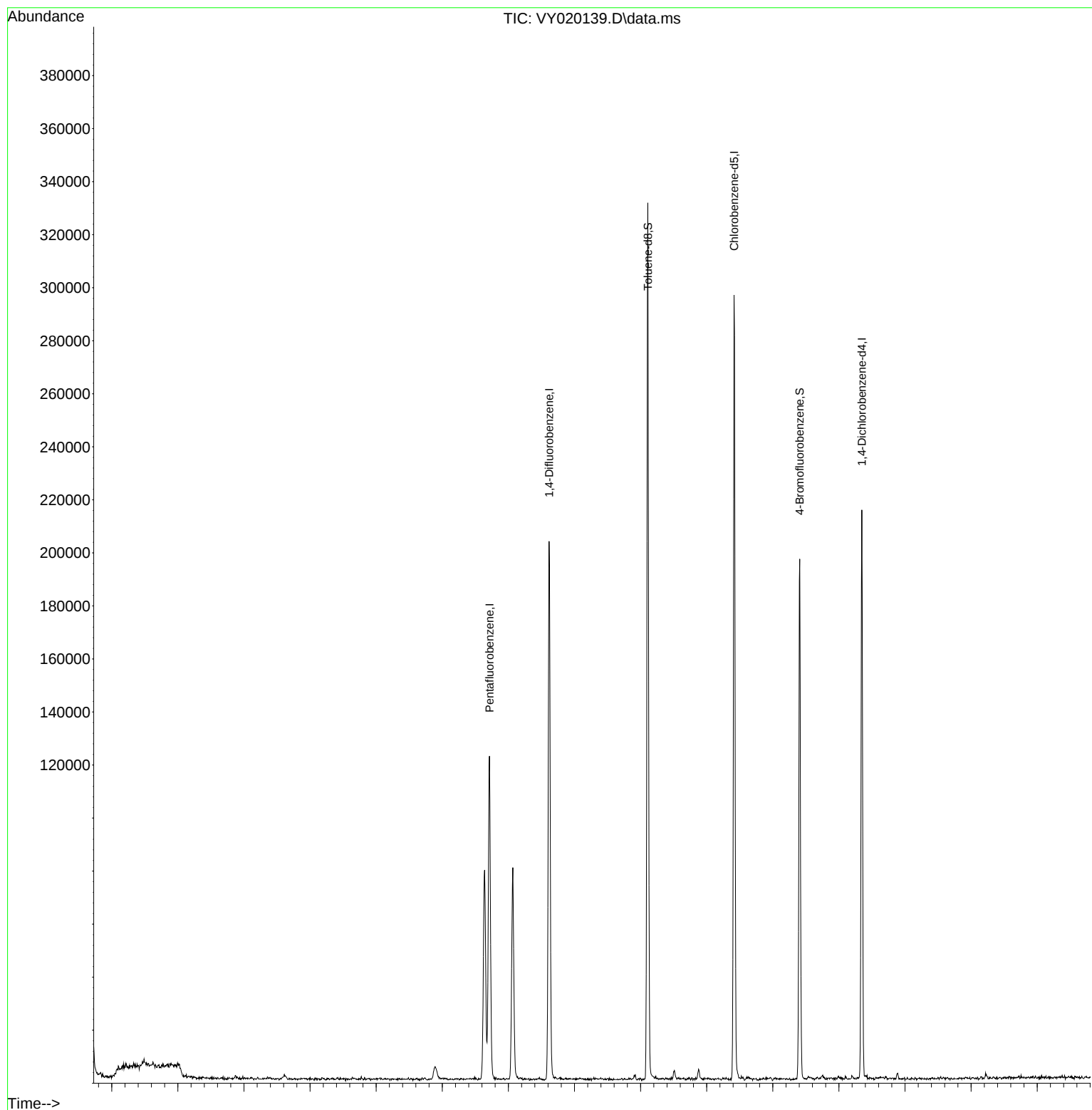
Target Compounds Qvalue

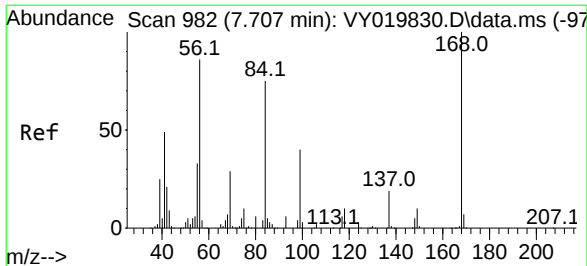
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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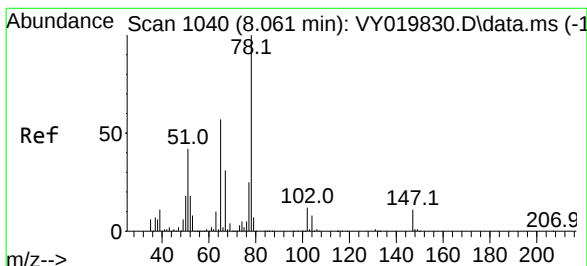
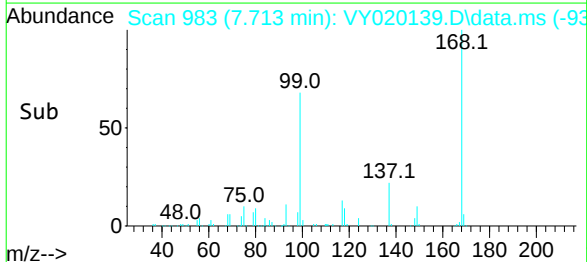
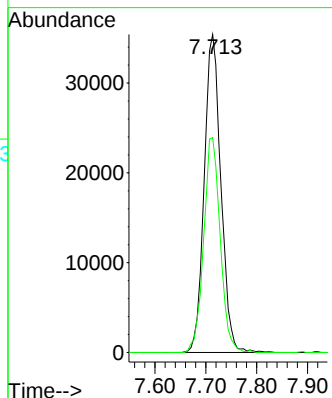
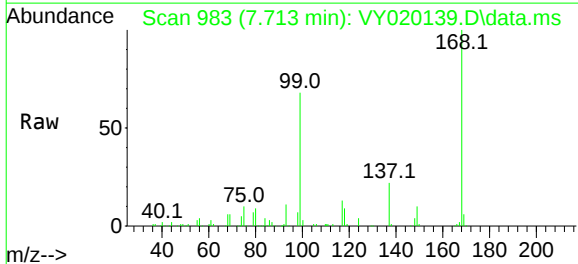




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

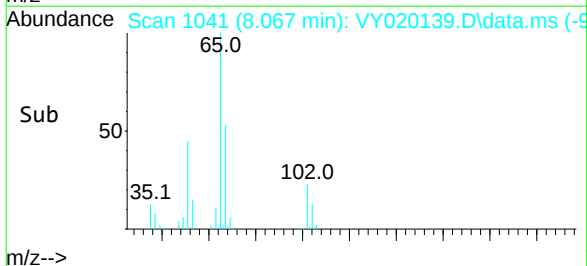
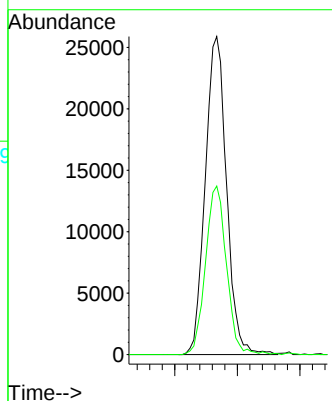
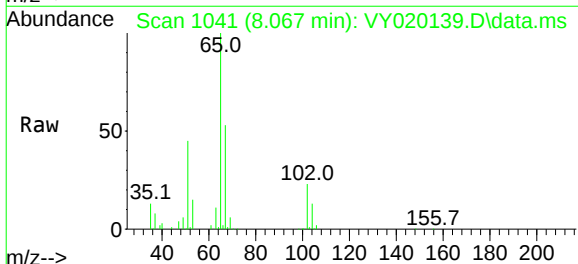
Instrument :
MSVOA_Y
ClientSampleId :
BP-F26-VOC

Tgt Ion:168 Resp: 80663
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.669 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Tgt Ion: 65 Resp: 61077
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

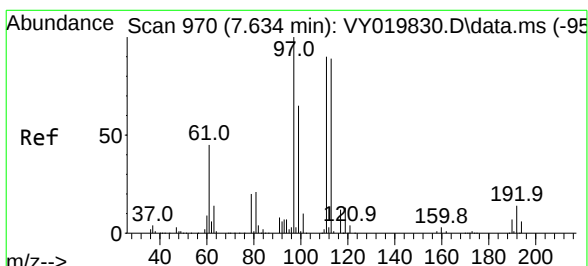
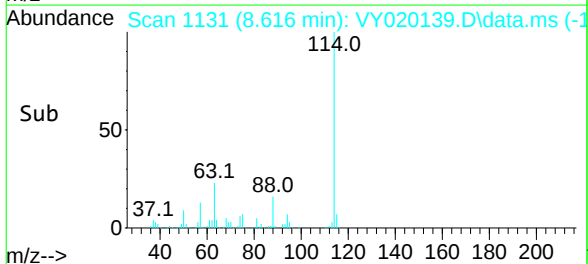
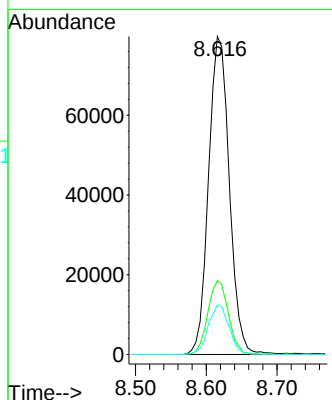
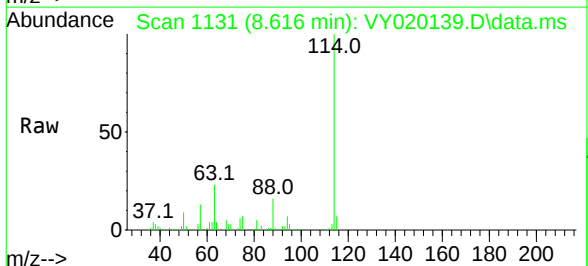




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

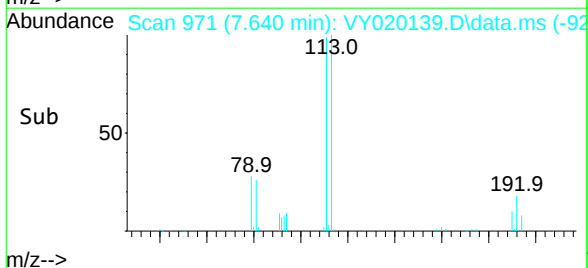
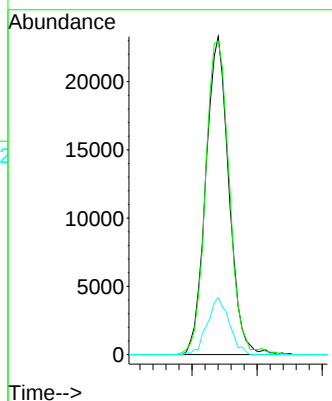
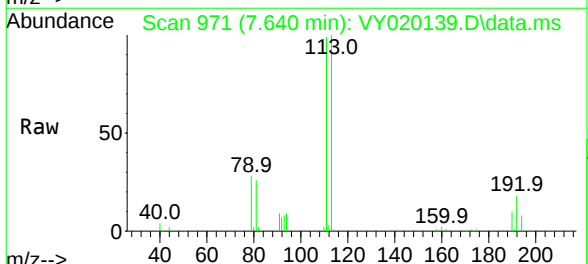
Instrument :
MSVOA_Y
ClientSampleId :
BP-F26-VOC

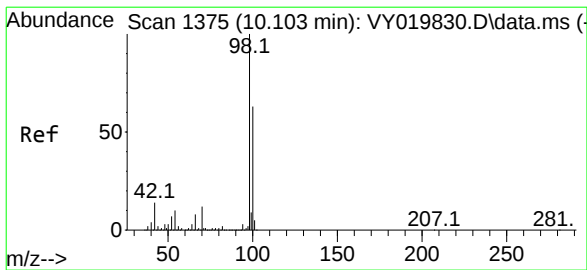
Tgt Ion:	114	Resp:	162478
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	35.0
88	15.6	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.507 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020139.D
Acq: 04 Nov 2024 13:49

Tgt Ion:	113	Resp:	57340
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.4
192	17.1	15.9	23.9





#50

Toluene-d8

Concen: 48.967 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

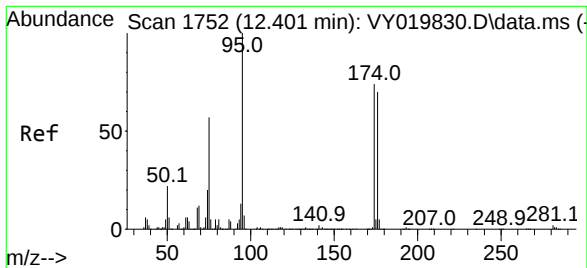
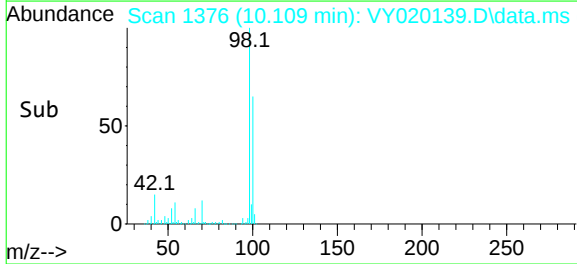
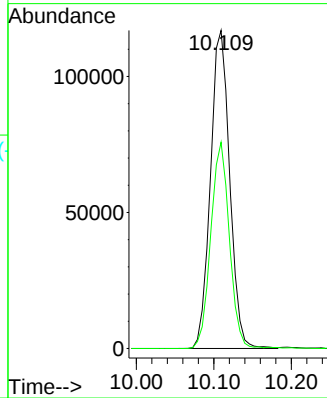
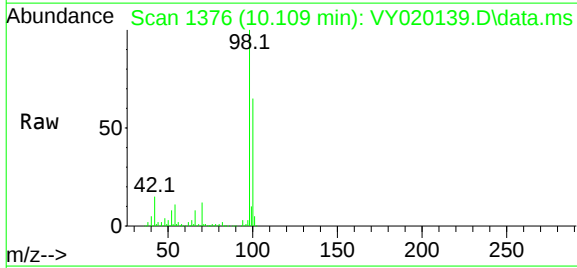
BP-F26-VOC

Tgt Ion: 98 Resp: 201351

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.835 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020139.D

Acq: 04 Nov 2024 13:49

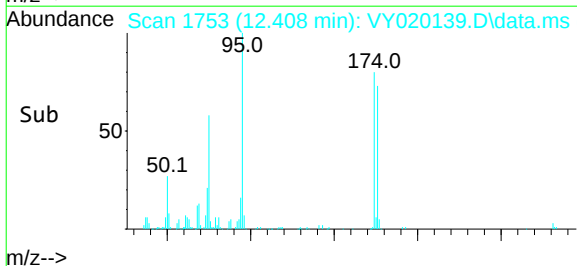
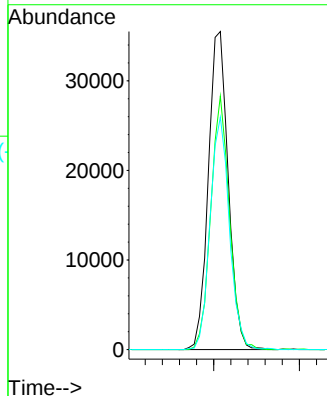
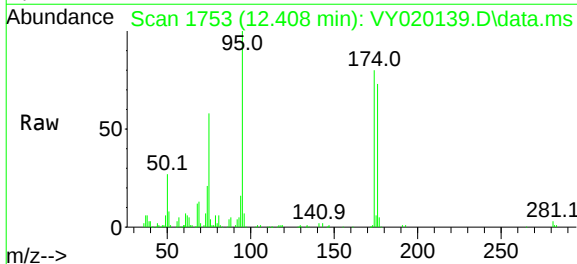
Tgt Ion: 95 Resp: 57211

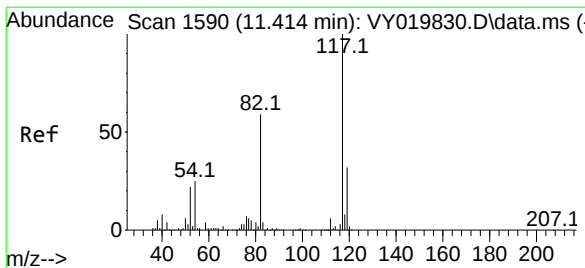
Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 70.9 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: VY020139.D

Acq: 04 Nov 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

BP-F26-VOC

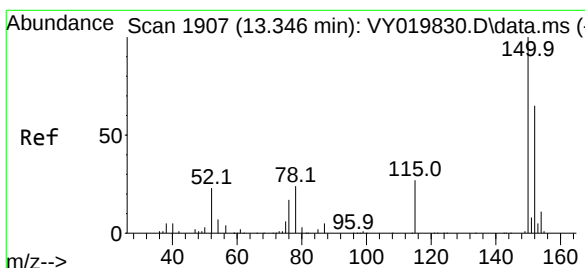
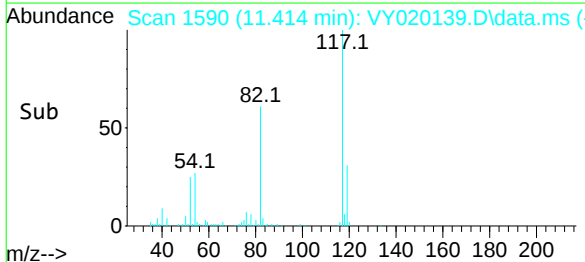
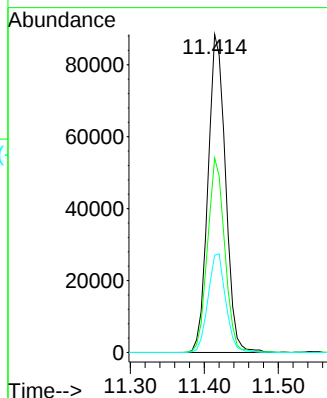
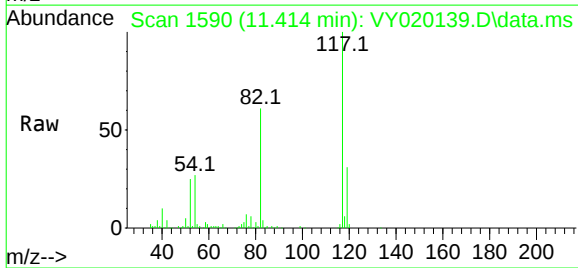
Tgt Ion:117 Resp: 145431

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 30.6 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: VY020139.D

Acq: 04 Nov 2024 13:49

Tgt Ion:152 Resp: 48214

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 158.1 0.0 345.6

