

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020213.D
 Acq On : 07 Nov 2024 17:41
 Operator : SY/MD
 Sample : P4739-15
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-VOC

Quant Time: Nov 08 00:30:29 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	7.720	168	5895	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.616	114	9460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	5369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	485	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2863	38.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.820%
35) Dibromofluoromethane	7.628	113	2733	45.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.109	98	10205	42.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.260%
62) 4-Bromofluorobenzene	12.408	95	1301	16.730	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	33.460%

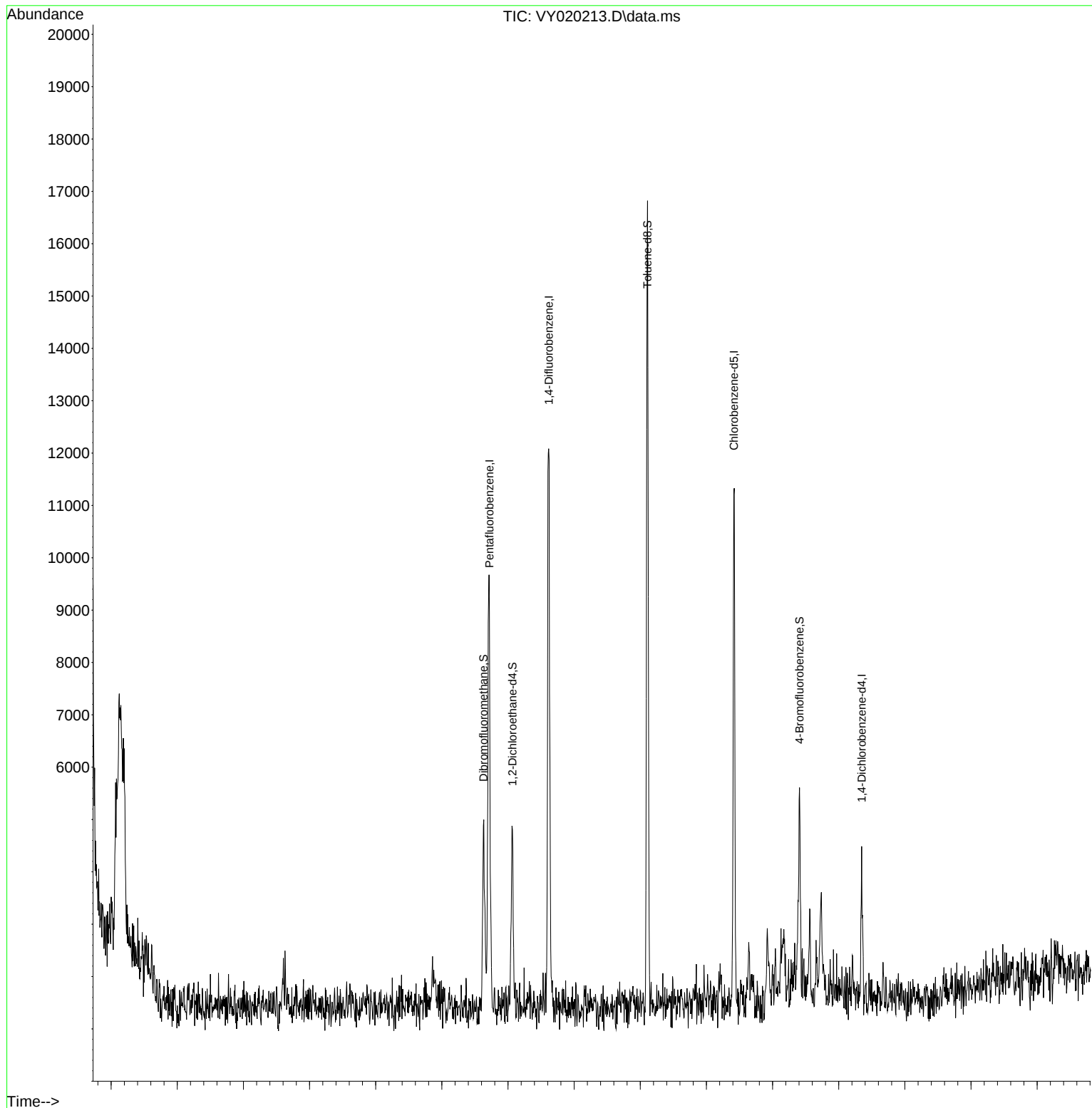
Target Compounds Qvalue

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

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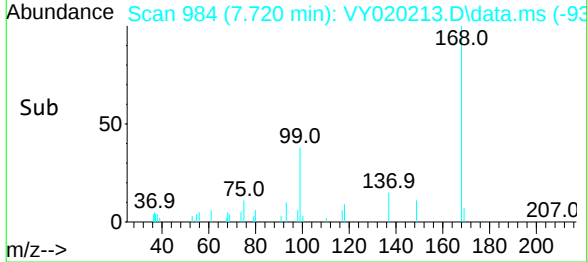
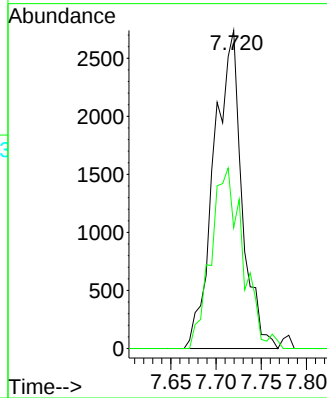
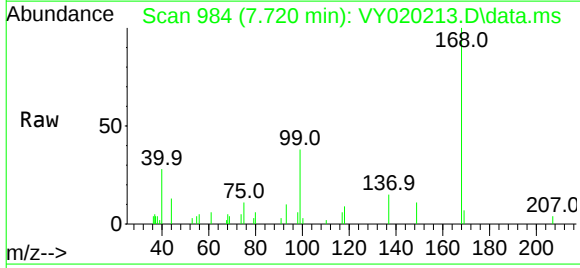




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020213.D
Acq: 07 Nov 2024 17:41

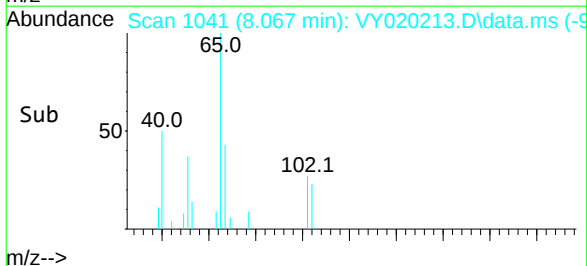
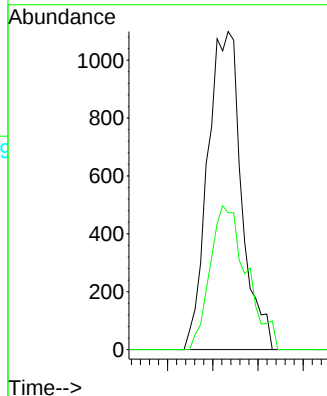
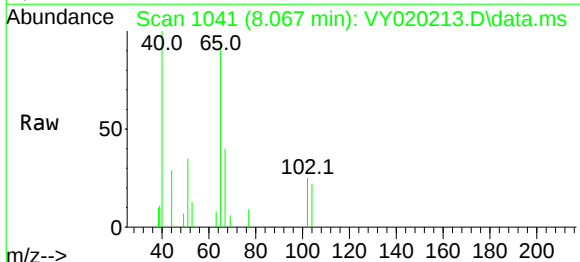
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

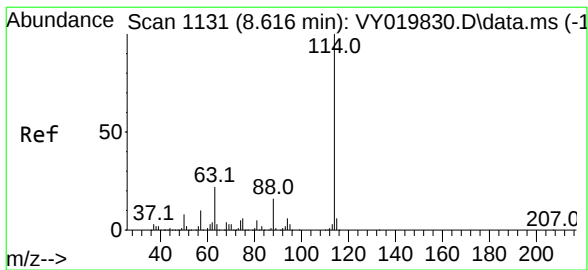
Tgt Ion: 168 Resp: 5895
Ion Ratio Lower Upper
168 100
99 38.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 38.913 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020213.D
Acq: 07 Nov 2024 17:41

Tgt Ion: 65 Resp: 2863
Ion Ratio Lower Upper
65 100
67 48.8 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: VY020213.D

Acq: 07 Nov 2024 17:41

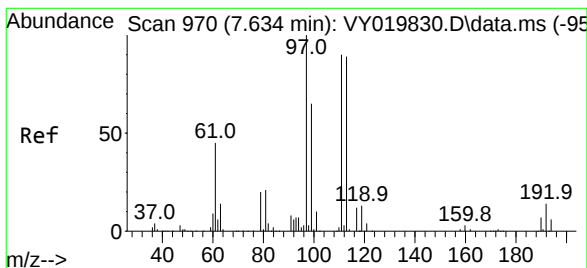
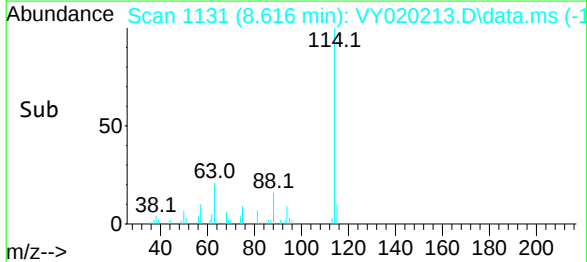
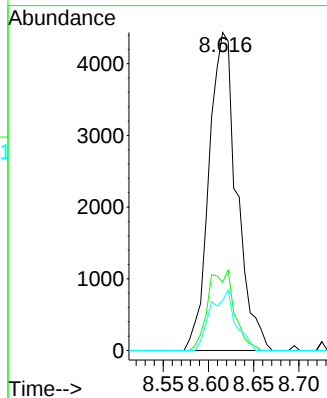
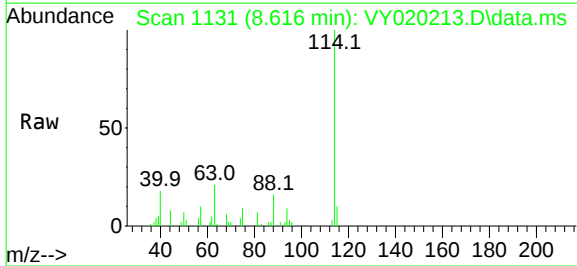
Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

Tgt Ion:	114	Resp:	9460
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	15.7	0.0	27.2



#35

Dibromofluoromethane

Concen: 45.439 ug/l

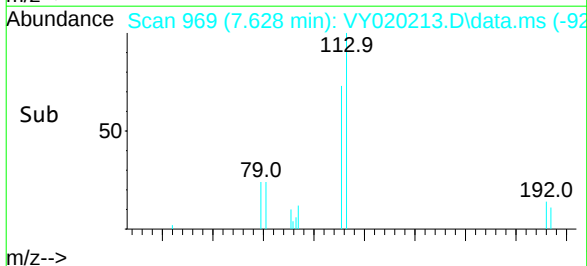
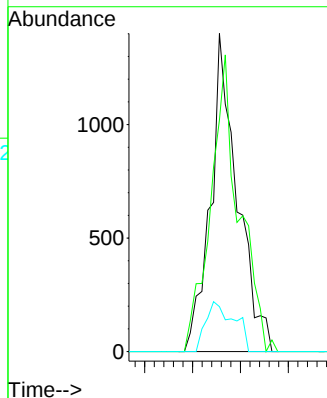
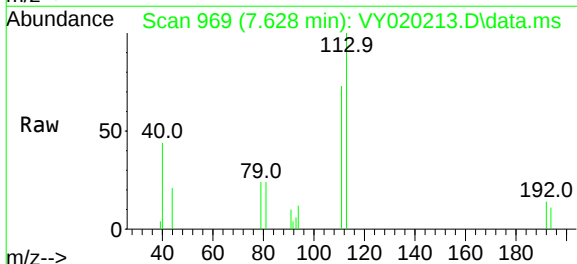
RT: 7.628 min Scan# 969

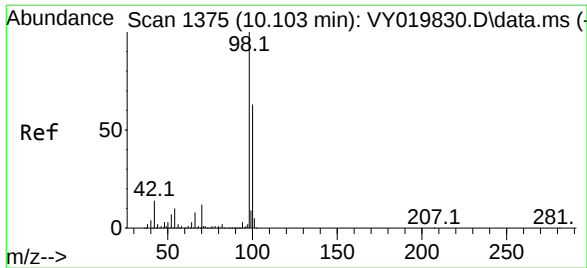
Delta R.T. -0.006 min

Lab File: VY020213.D

Acq: 07 Nov 2024 17:41

Tgt Ion:	113	Resp:	2733
Ion	Ratio	Lower	Upper
113	100		
111	99.0	82.2	123.4
192	16.5	15.9	23.9





#50

Toluene-d8

Concen: 42.625 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020213.D

Acq: 07 Nov 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

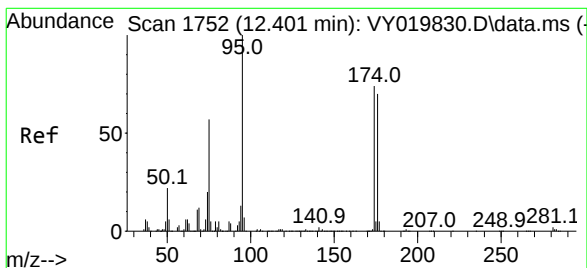
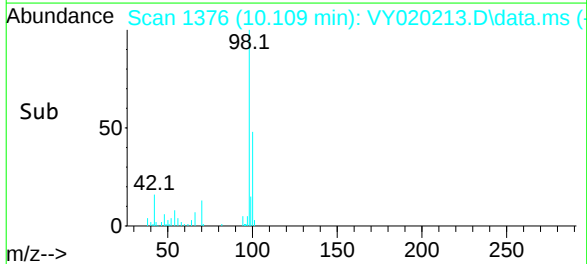
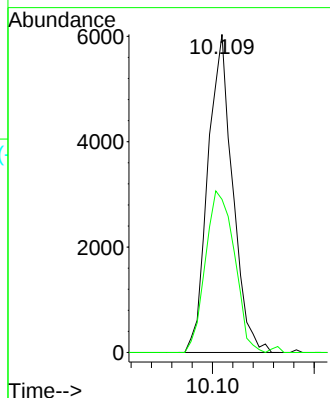
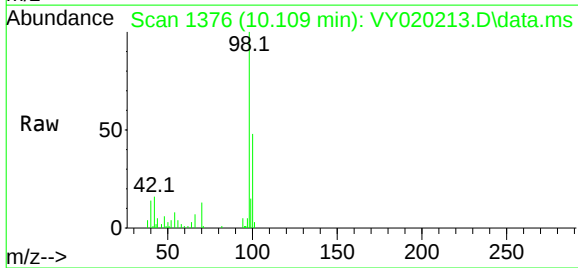
TP-11-VOC

Tgt Ion: 98 Resp: 10205

Ion Ratio Lower Upper

98 100

100 59.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 16.730 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020213.D

Acq: 07 Nov 2024 17:41

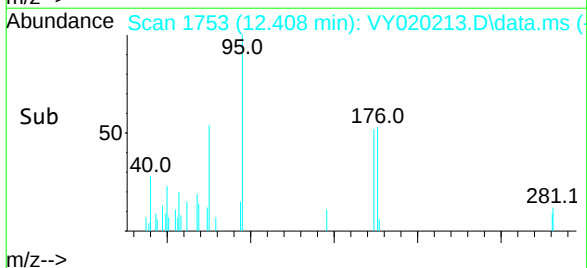
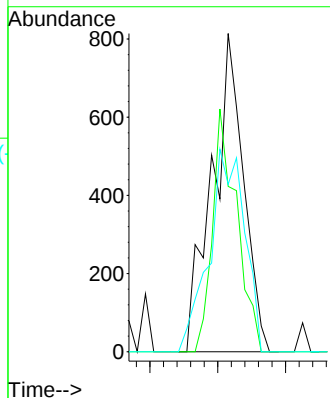
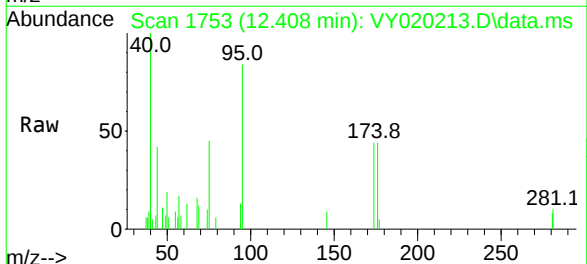
Tgt Ion: 95 Resp: 1301

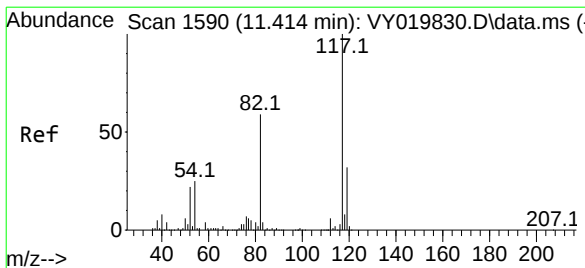
Ion Ratio Lower Upper

95 100

174 58.8 0.0 175.6

176 72.3 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: VY020213.D

Acq: 07 Nov 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

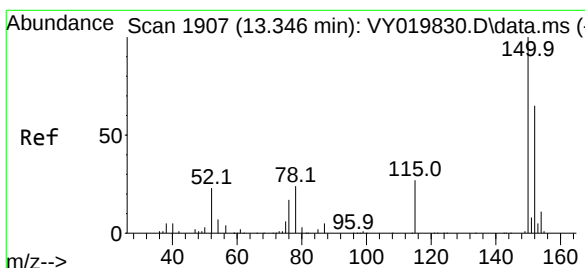
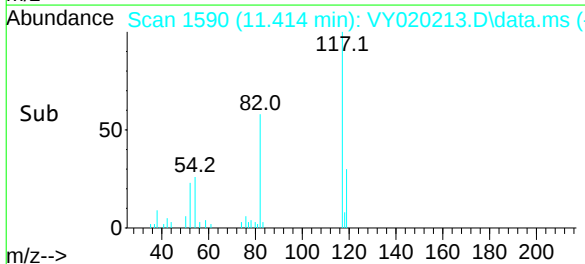
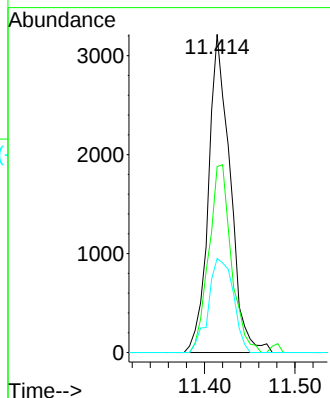
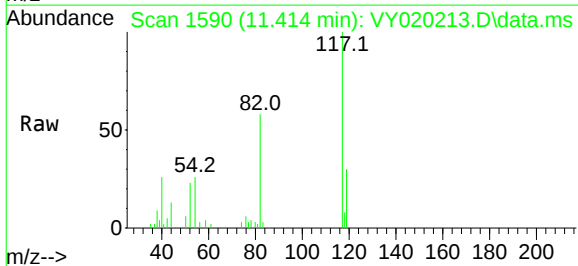
Tgt Ion:117 Resp: 5369

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 29.5 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: VY020213.D

Acq: 07 Nov 2024 17:41

Tgt Ion:152 Resp: 485

Ion Ratio Lower Upper

152 100

115 93.8 28.2 84.7#

150 225.4 0.0 345.6

