

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020210.D
 Acq On : 07 Nov 2024 16:31
 Operator : SY/MD
 Sample : P4722-19
 Misc : 12.89g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2(4)

Quant Time: Nov 08 00:29:19 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	7.707	168	179581	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	387425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144252	64.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.634	113	133587	54.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.103	98	488413	49.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.408	95	155768	48.911	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.820%	

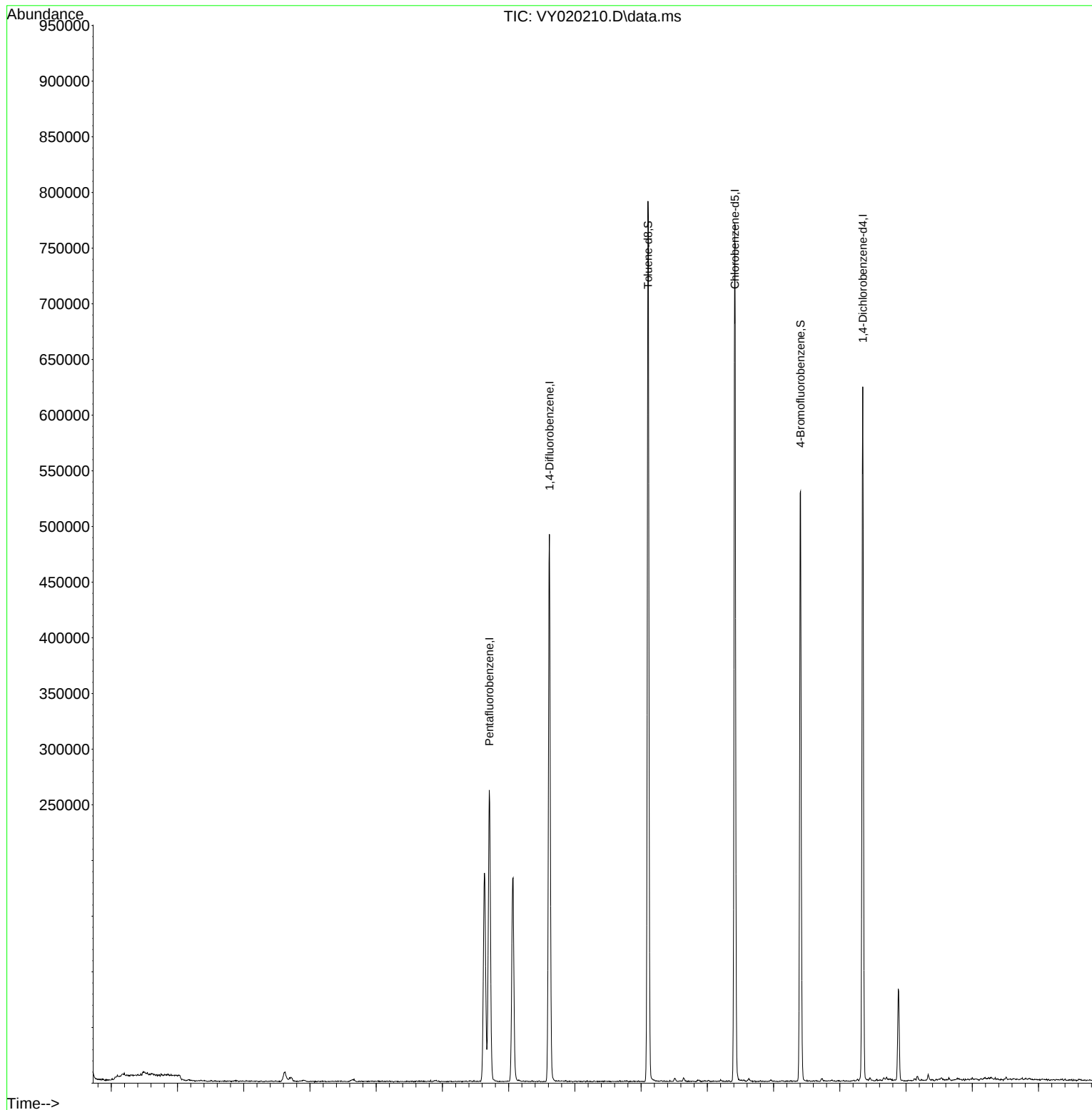
Target Compounds Qvalue

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

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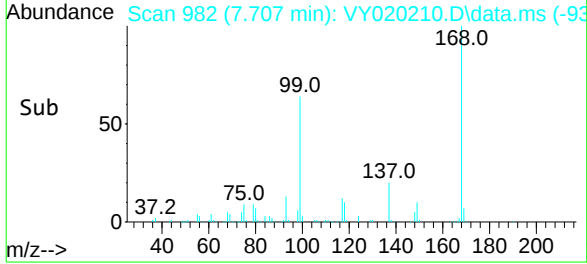
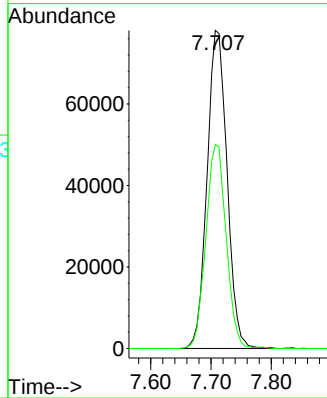
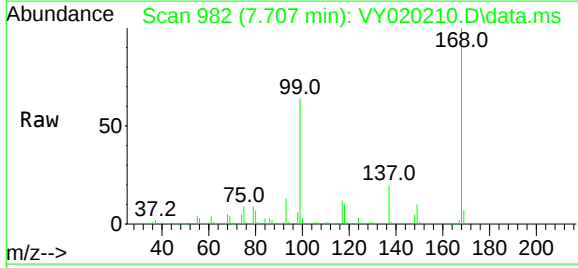




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

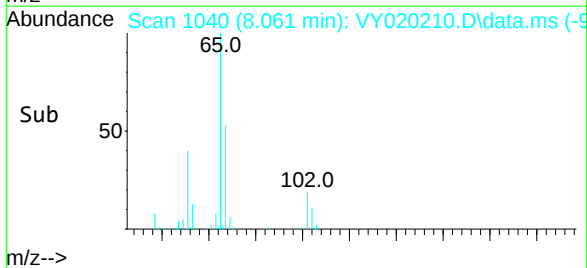
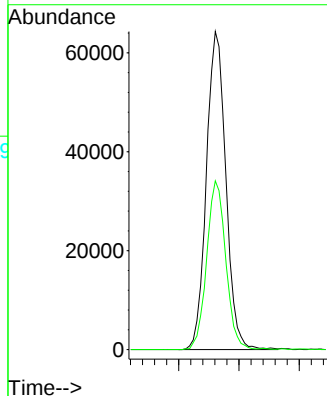
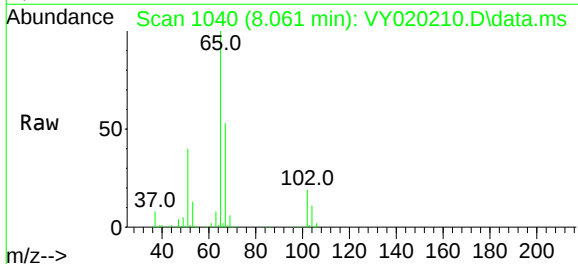
Instrument :
MSVOA_Y
ClientSampleId :
WC-2(4)

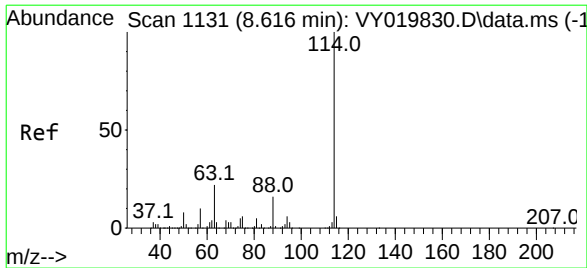
Tgt Ion:168 Resp: 179581
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 64.361 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

Tgt Ion: 65 Resp: 144252
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

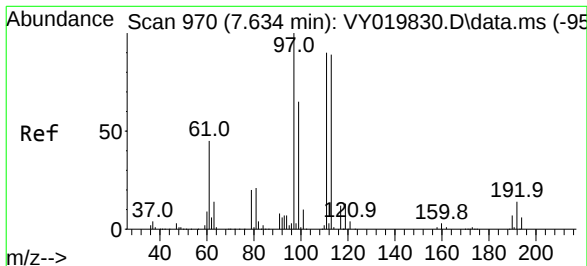
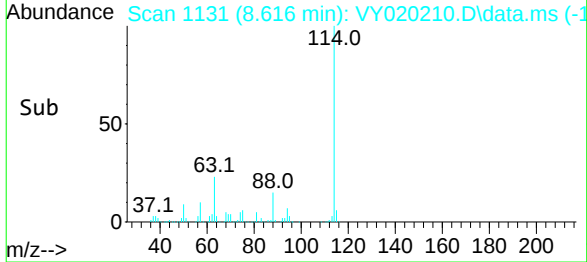
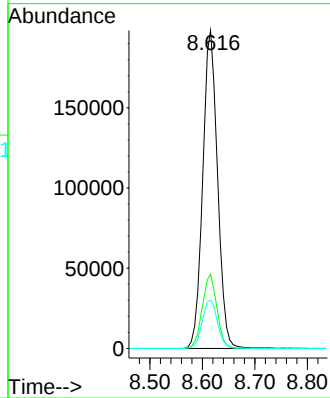
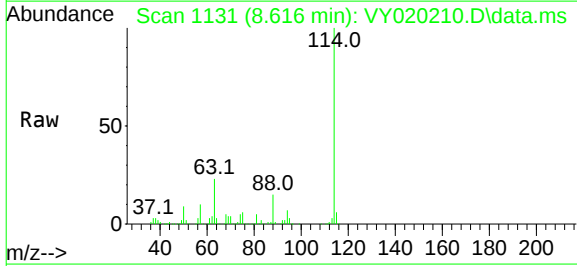




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

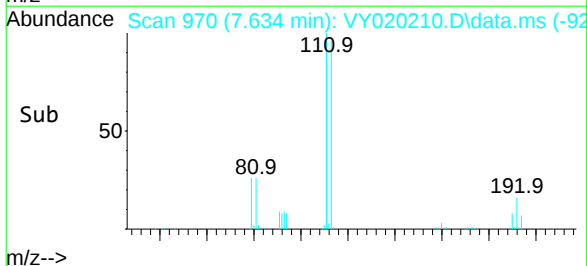
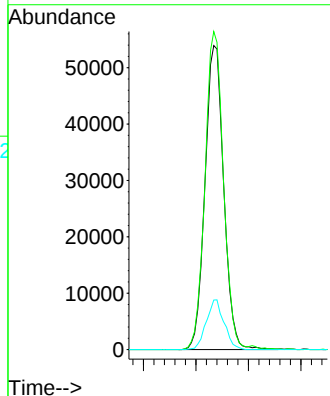
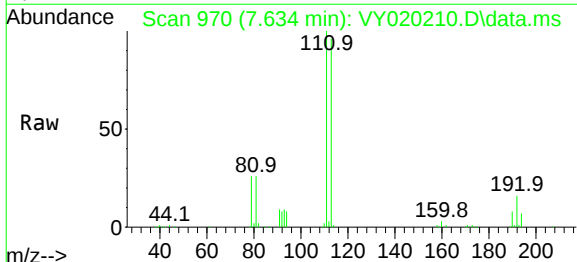
Instrument :
MSVOA_Y
ClientSampleId :
WC-2(4)

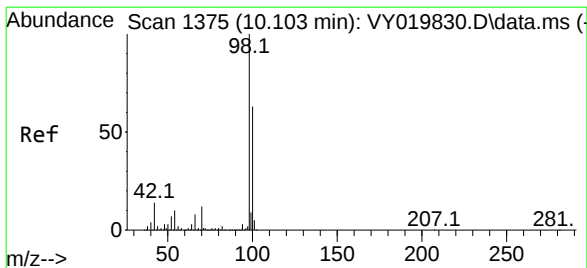
Tgt Ion:	114	Resp:	387425
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	35.0
88	15.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 54.232 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020210.D
Acq: 07 Nov 2024 16:31

Tgt Ion:	113	Resp:	133587
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	15.6	15.9	23.9





#50

Toluene-d8

Concen: 49.813 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

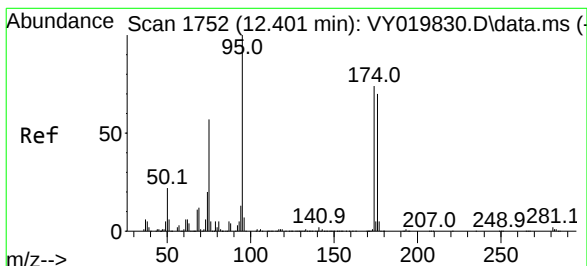
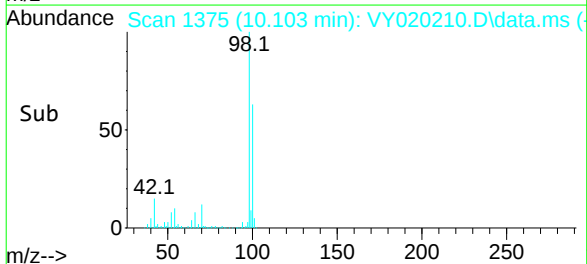
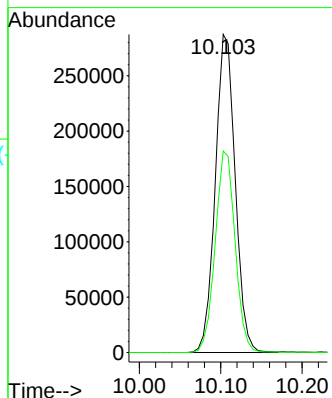
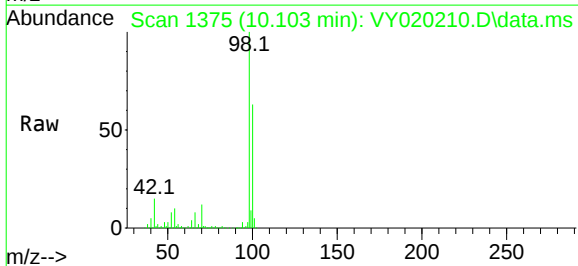
WC-2(4)

Tgt Ion: 98 Resp: 488413

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.911 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

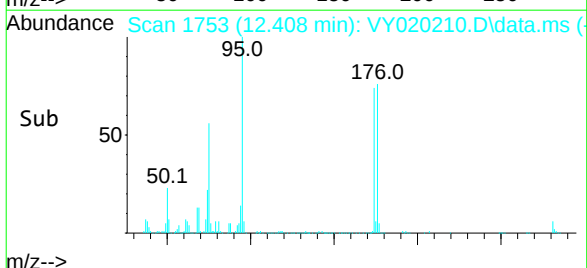
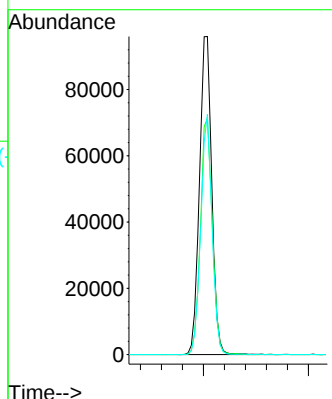
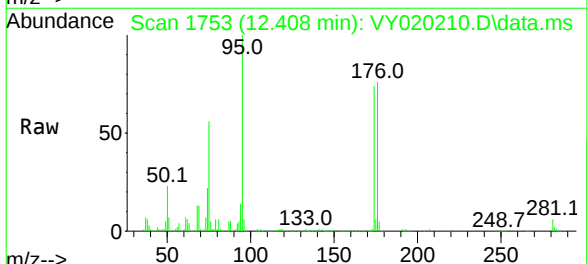
Tgt Ion: 95 Resp: 155768

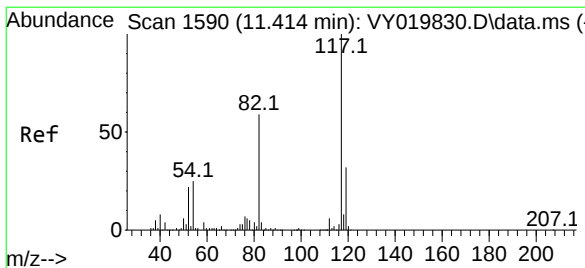
Ion Ratio Lower Upper

95 100

174 71.8 0.0 175.6

176 69.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020210.D

Acq: 07 Nov 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-2(4)

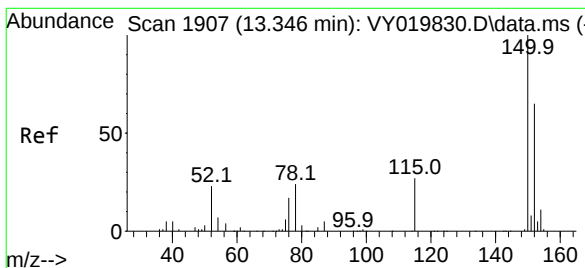
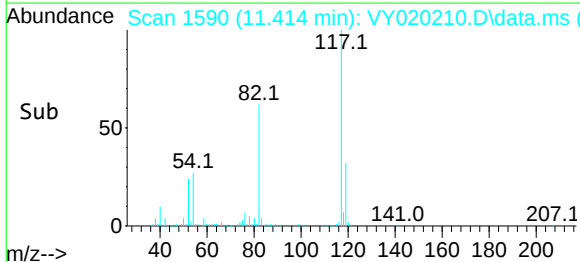
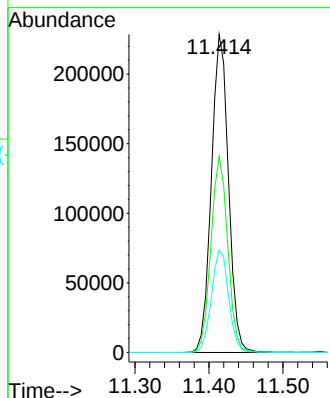
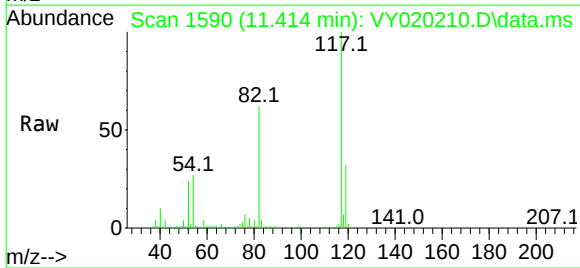
Tgt Ion:117 Resp: 366025

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 32.2 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: VY020210.D

Acq: 07 Nov 2024 16:31

Tgt Ion:152 Resp: 138732

Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 153.2 0.0 345.6

