

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020226.D
 Acq On : 08 Nov 2024 12:28
 Operator : SY/MD
 Sample : P4720-02
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-701-VOC-01

Quant Time: Nov 08 13:22:40 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	24428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	44287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	37922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	10758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17525	57.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.634	113	15726	55.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.700%
50) Toluene-d8	10.109	98	54403	48.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.407	95	14440	39.665	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.320%

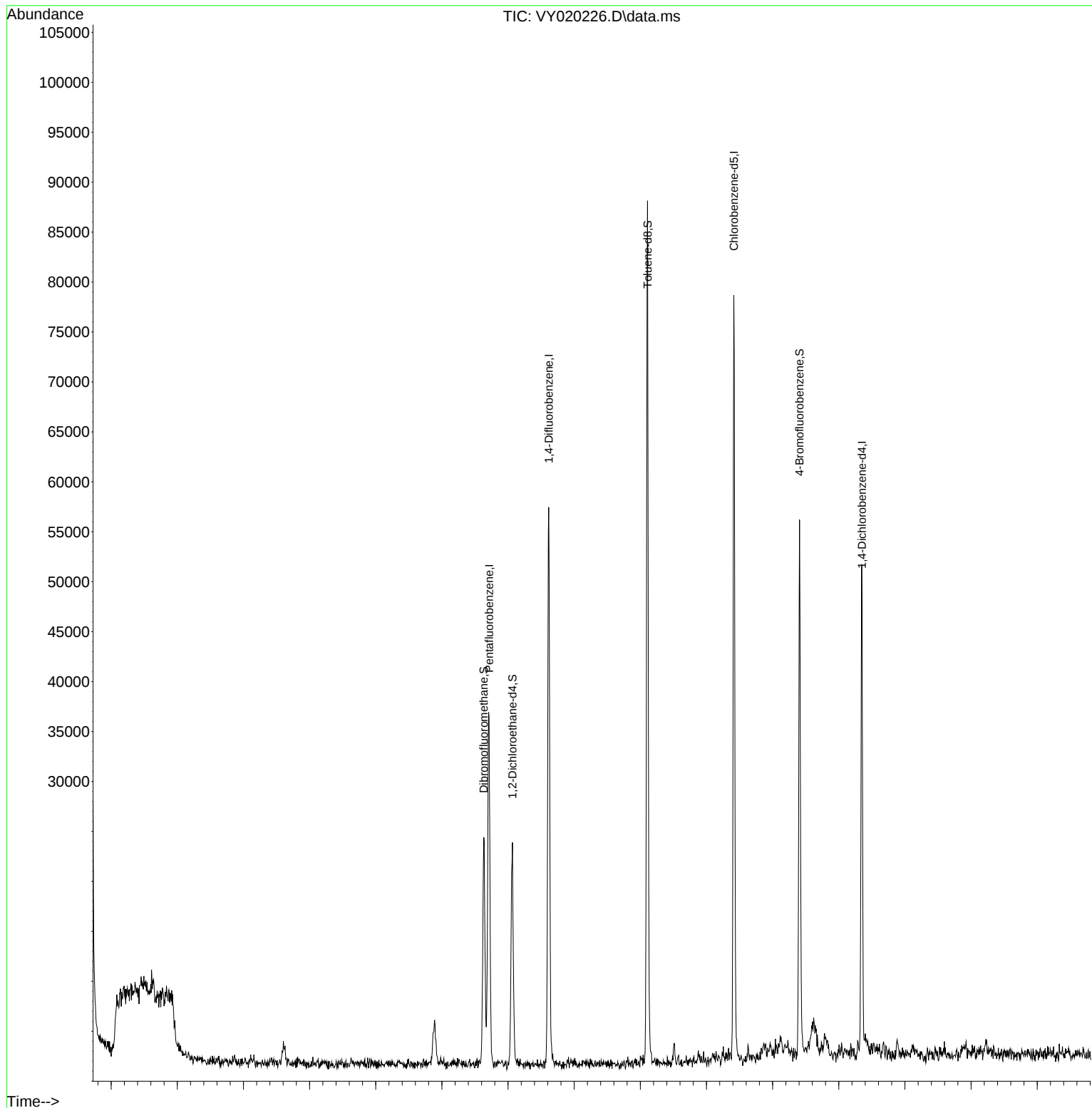
Target Compounds Qvalue

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

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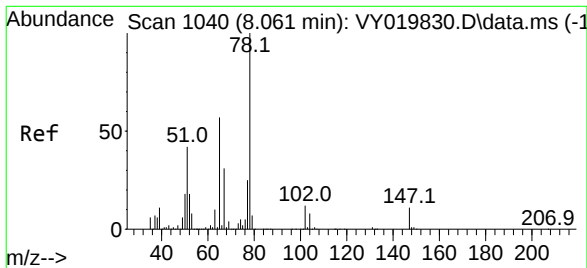
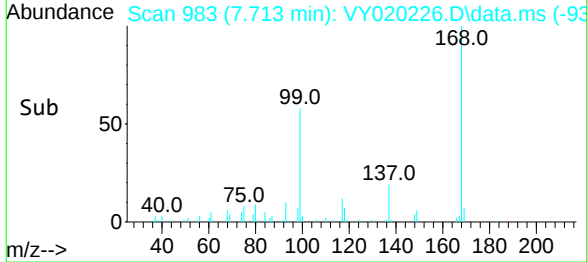
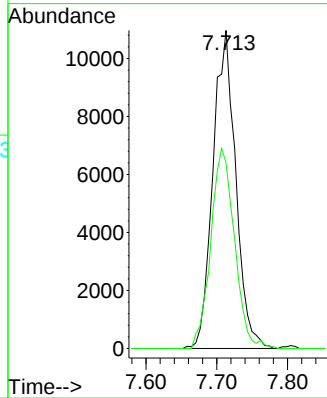
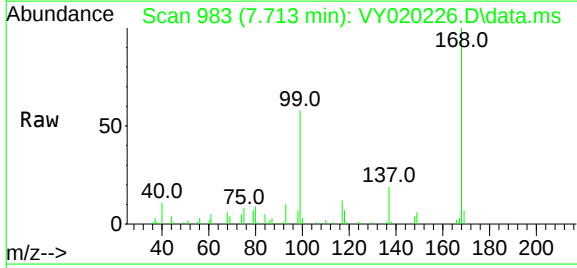




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020226.D
Acq: 08 Nov 2024 12:28

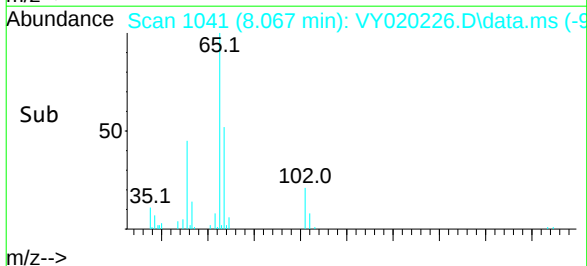
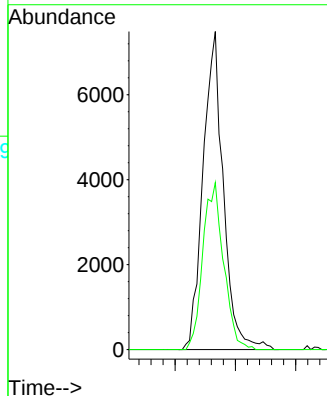
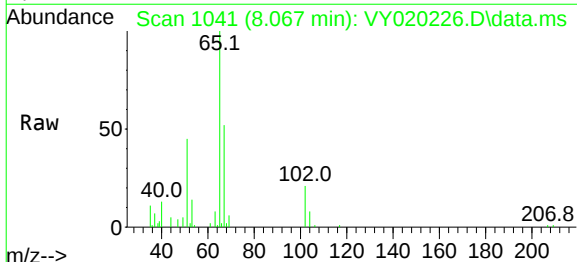
Instrument :
MSVOA_Y
ClientSampleId :
JC-701-VOC-01

Tgt Ion: 168 Resp: 24428
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.482 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020226.D
Acq: 08 Nov 2024 12:28

Tgt Ion: 65 Resp: 17525
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

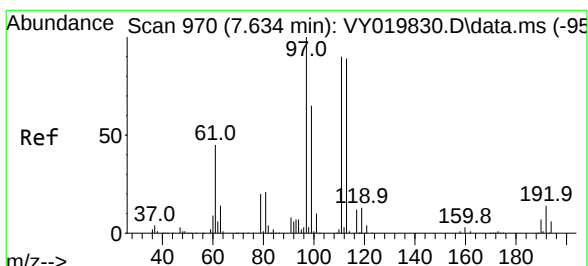
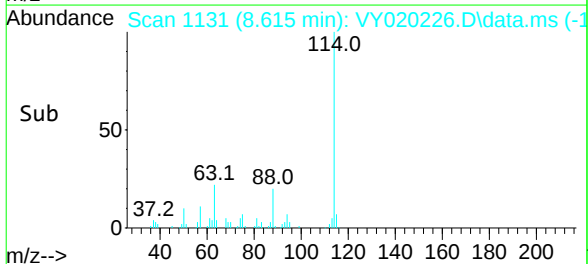
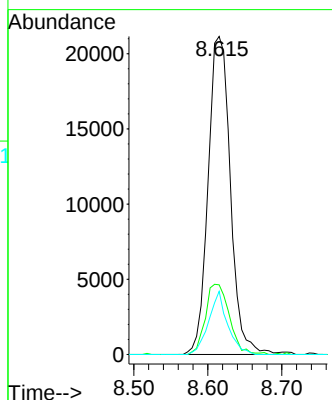
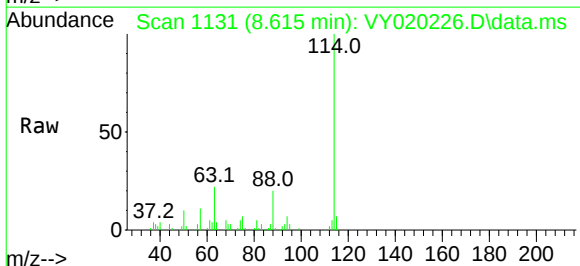




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020226.D
Acq: 08 Nov 2024 12:28

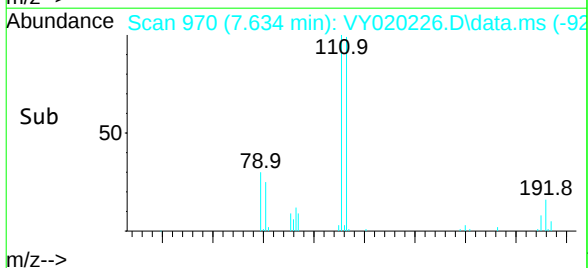
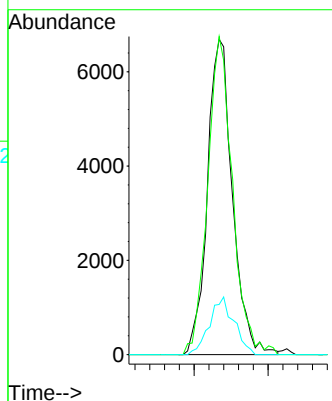
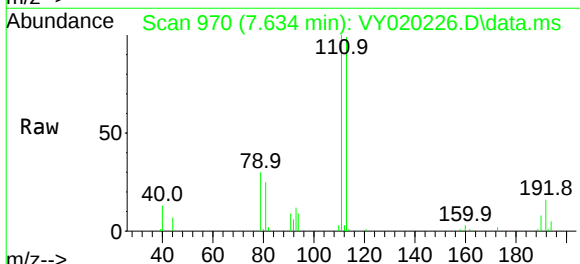
Instrument :
MSVOA_Y
ClientSampleId :
JC-701-VOC-01

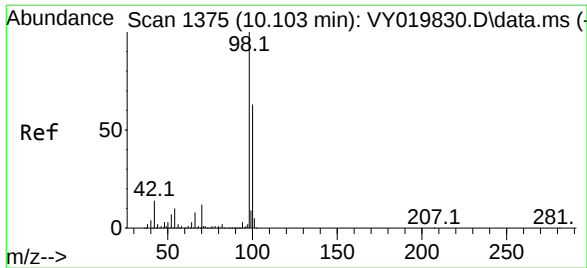
Tgt Ion:	114	Resp:	44287
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.0
88	19.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.850 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020226.D
Acq: 08 Nov 2024 12:28

Tgt Ion:	113	Resp:	15726
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	17.9	15.9	23.9





#50

Toluene-d8

Concen: 48.539 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020226.D

Acq: 08 Nov 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :

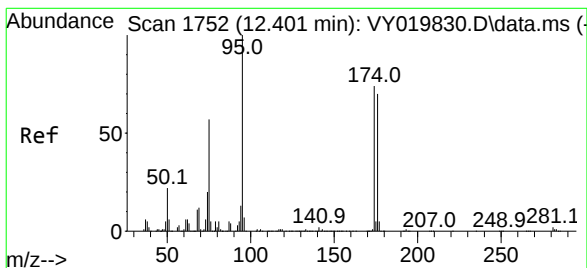
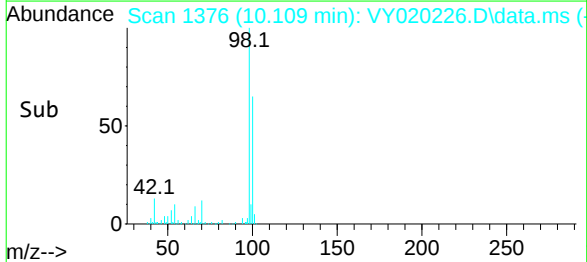
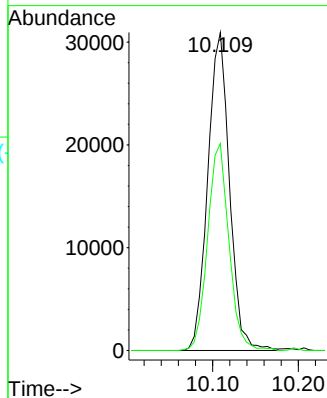
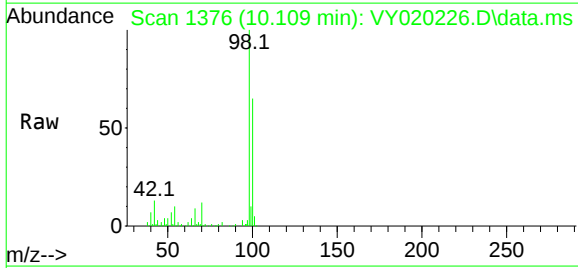
JC-701-VOC-01

Tgt Ion: 98 Resp: 54403

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.665 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020226.D

Acq: 08 Nov 2024 12:28

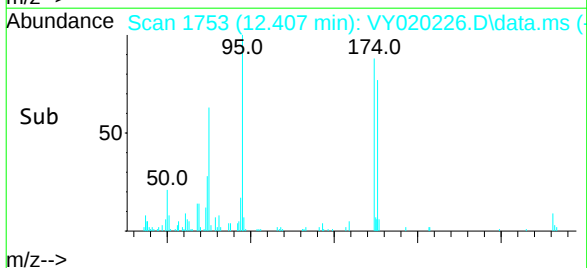
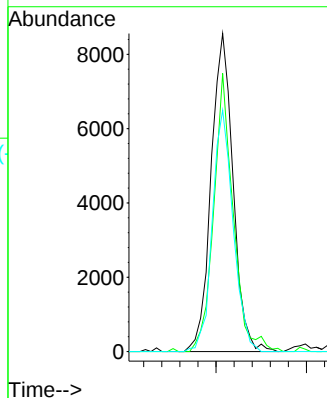
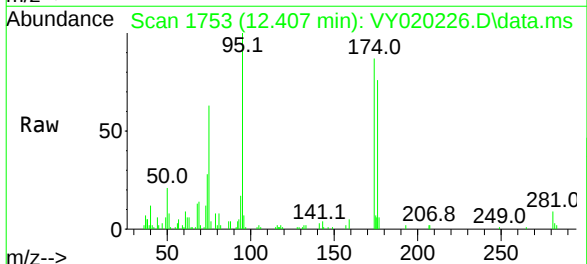
Tgt Ion: 95 Resp: 14440

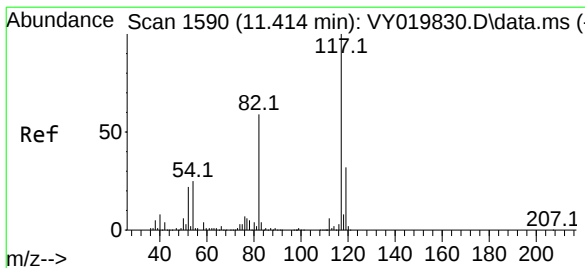
Ion Ratio Lower Upper

95 100

174 78.0 0.0 175.6

176 71.9 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: VY020226.D

Acq: 08 Nov 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :

JC-701-VOC-01

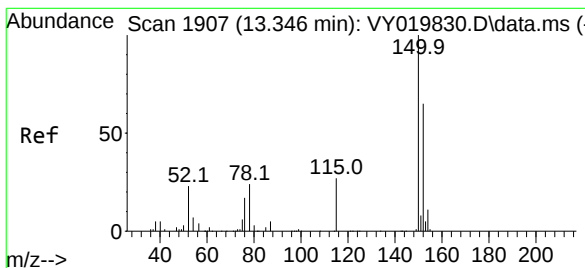
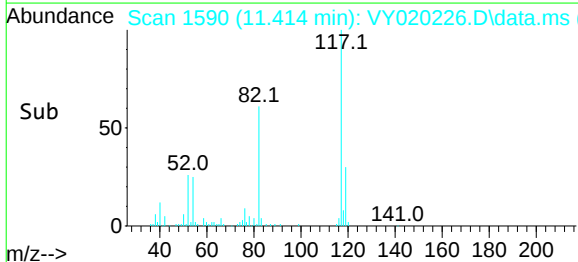
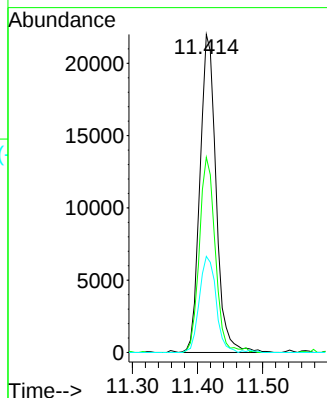
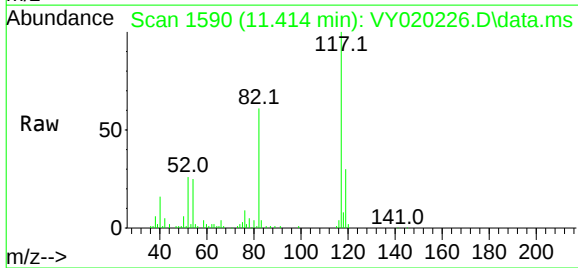
Tgt Ion:117 Resp: 37922

Ion Ratio Lower Upper

117 100

82 61.4 42.4 63.6

119 30.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020226.D

Acq: 08 Nov 2024 12:28

Tgt Ion:152 Resp: 10758

Ion Ratio Lower Upper

152 100

115 72.0 28.2 84.7

150 161.6 0.0 345.6

