

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020204.D
 Acq On : 07 Nov 2024 14:10
 Operator : SY/MD
 Sample : P4708-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-110424RE

Quant Time: Nov 07 15:02:30 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	8442	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	13546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4057	38.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.020%
35) Dibromofluoromethane	7.628	113	4467	51.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.109	98	14429	42.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.180%
62) 4-Bromofluorobenzene	12.408	95	1821	16.354	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	32.700%

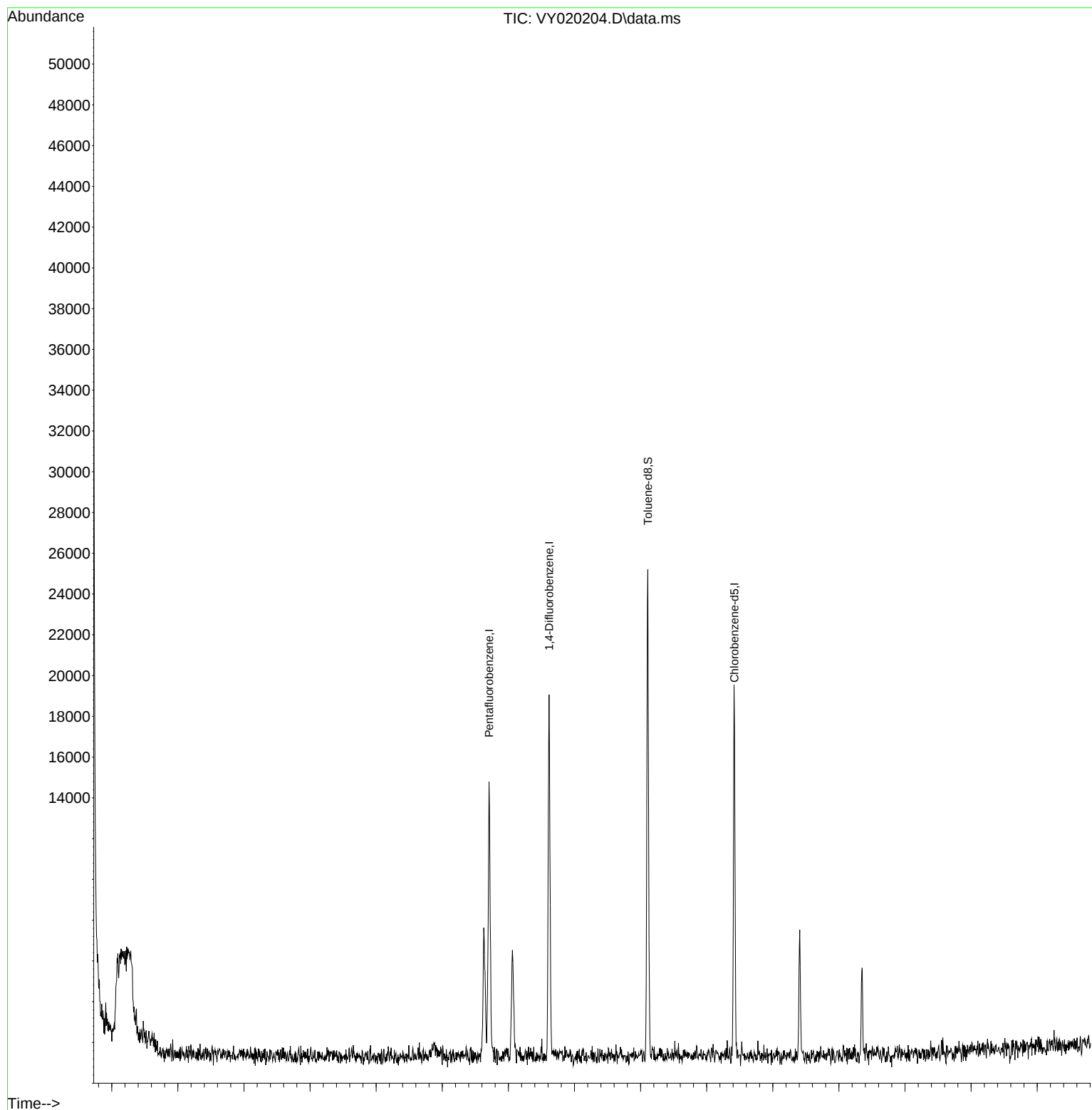
Target Compounds	Qvalue

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

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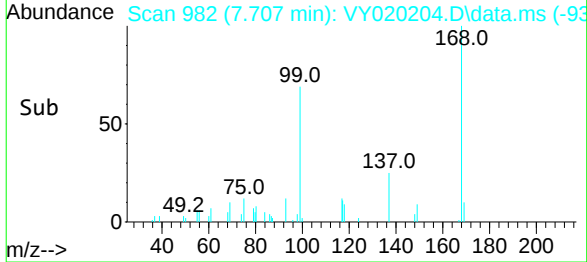
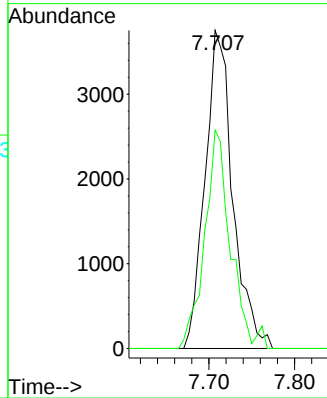
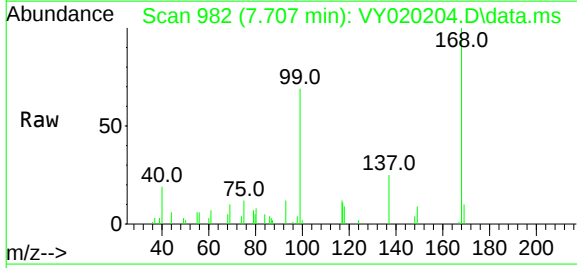




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020204.D
Acq: 07 Nov 2024 14:10

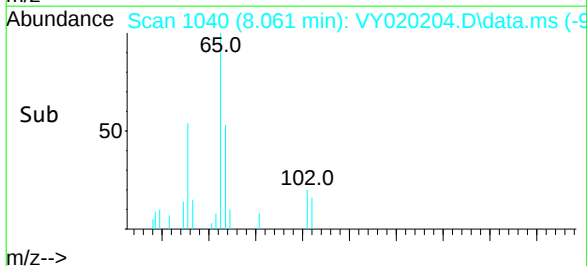
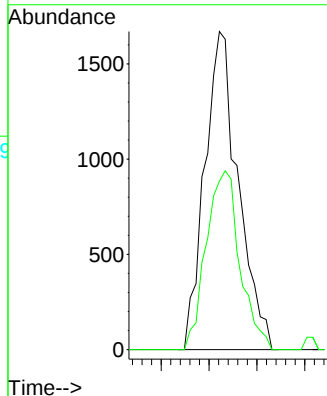
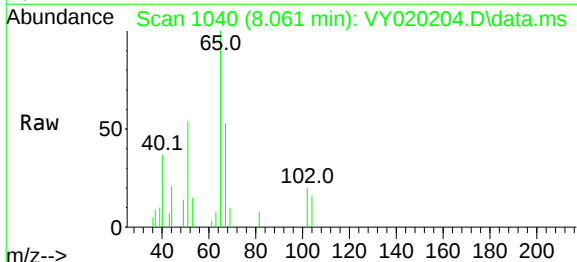
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-110424RE

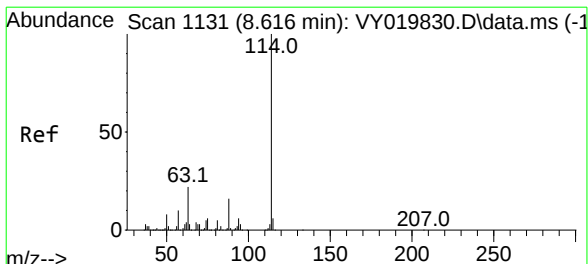
Tgt Ion: 168 Resp: 8442
Ion Ratio Lower Upper
168 100
99 68.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 38.505 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020204.D
Acq: 07 Nov 2024 14:10

Tgt Ion: 65 Resp: 4057
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6

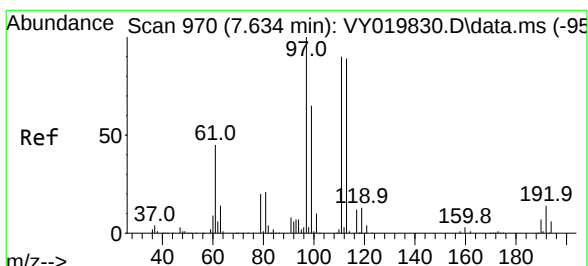
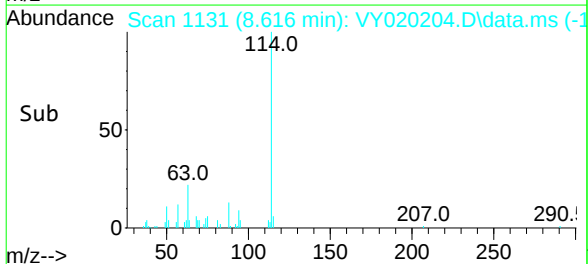
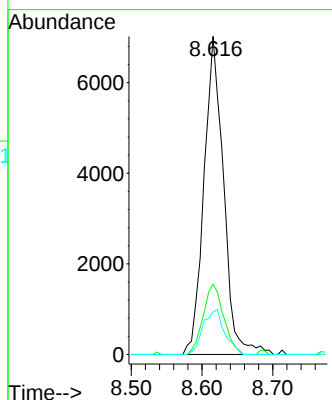
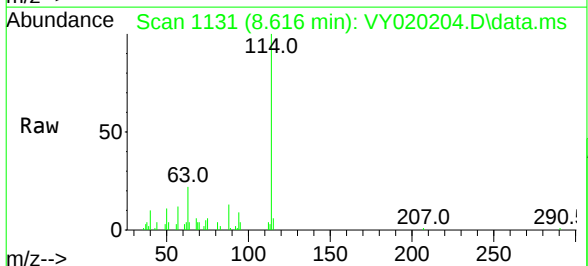




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020204.D
Acq: 07 Nov 2024 14:10

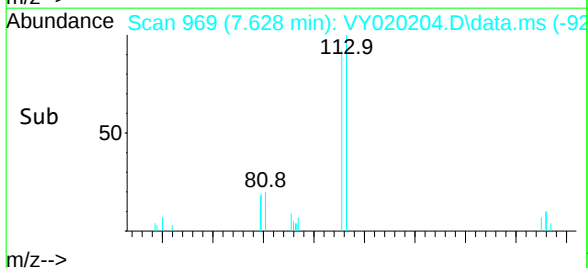
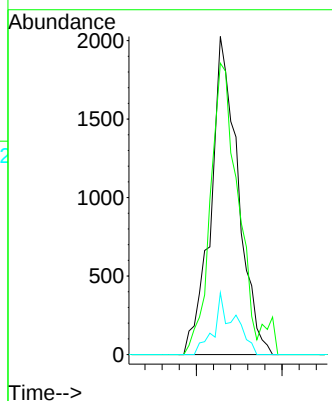
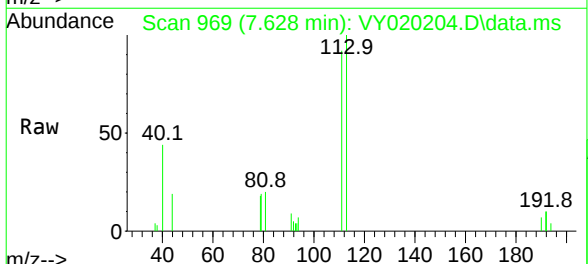
Instrument :
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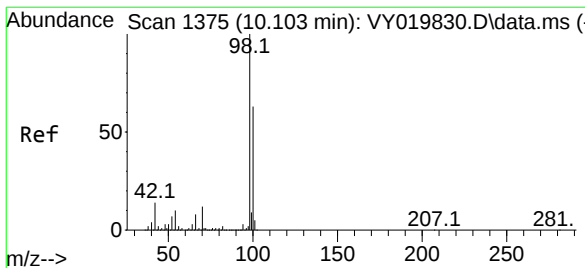
Tgt Ion:	114	Resp:	13546
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	35.0
88	13.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.867 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020204.D
Acq: 07 Nov 2024 14:10

Tgt Ion:	113	Resp:	4467
Ion Ratio	Lower	Upper	
113	100		
111	91.5	82.2	123.4
192	14.8	15.9	23.9#





#50

Toluene-d8

Concen: 42.089 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020204.D

Acq: 07 Nov 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

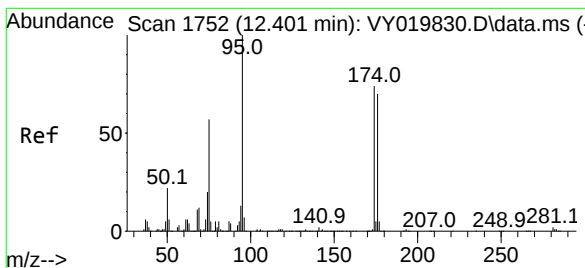
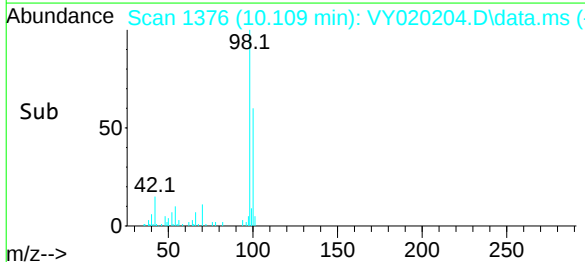
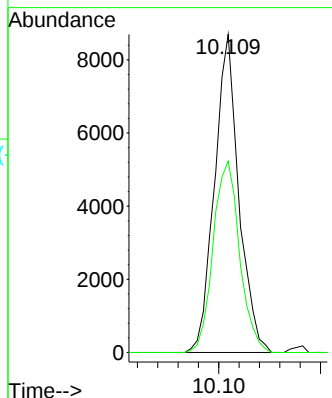
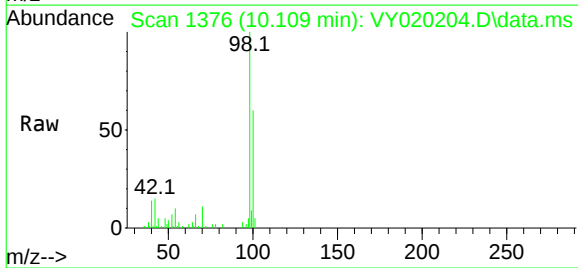
OR-02-110424RE

Tgt Ion: 98 Resp: 14429

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 16.354 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020204.D

Acq: 07 Nov 2024 14:10

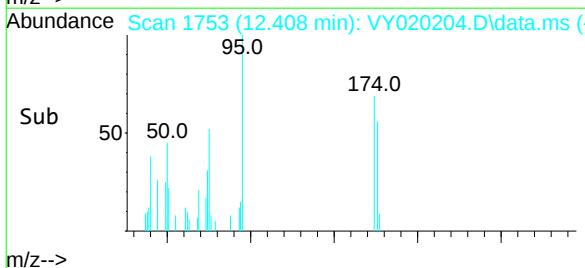
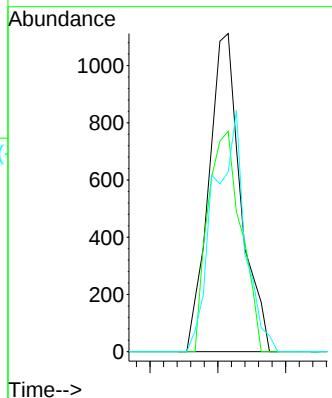
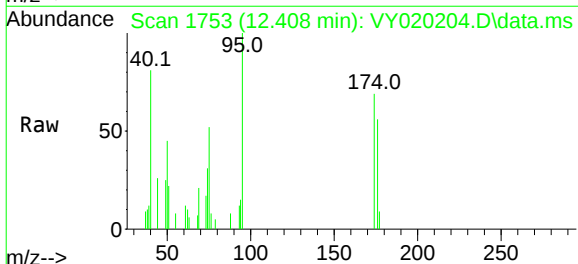
Tgt Ion: 95 Resp: 1821

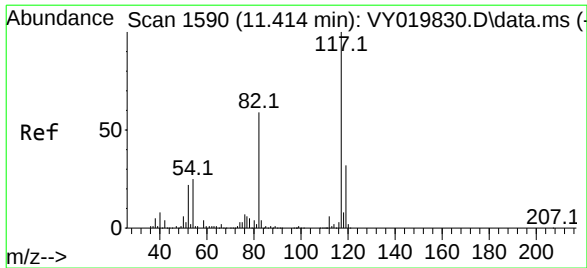
Ion Ratio Lower Upper

95 100

174 71.8 0.0 175.6

176 73.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020204.D

Acq: 07 Nov 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-110424RE

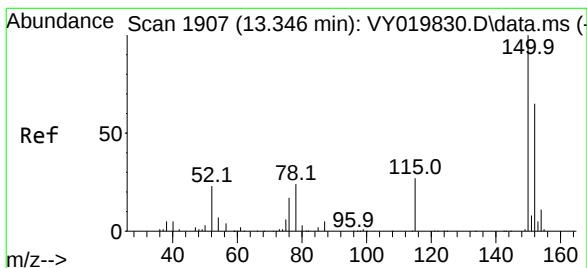
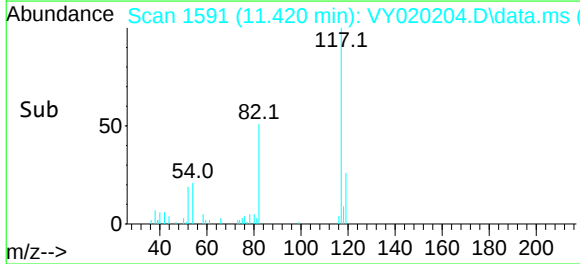
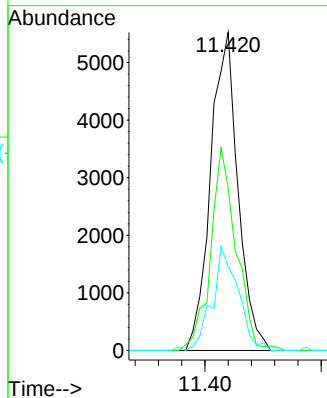
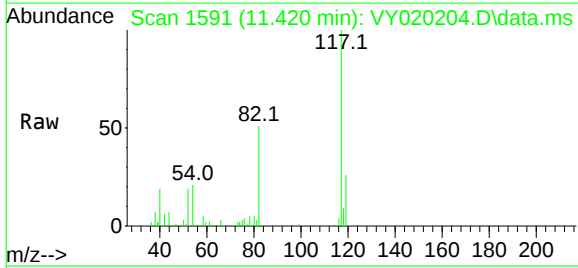
Tgt Ion:117 Resp: 9012

Ion Ratio Lower Upper

117 100

82 51.2 42.4 63.6

119 26.3 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: VY020204.D

Acq: 07 Nov 2024 14:10

Tgt Ion:152 Resp: 950

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 164.6 0.0 345.6

