

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020439.D
 Acq On : 25 Nov 2024 18:54
 Operator : SY/MD
 Sample : P4954-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112124

Quant Time: Nov 26 00:48:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	169	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	199	83.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.540%#	
35) Dibromofluoromethane	7.640	113	148	50.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.109	98	485	42.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.580%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	

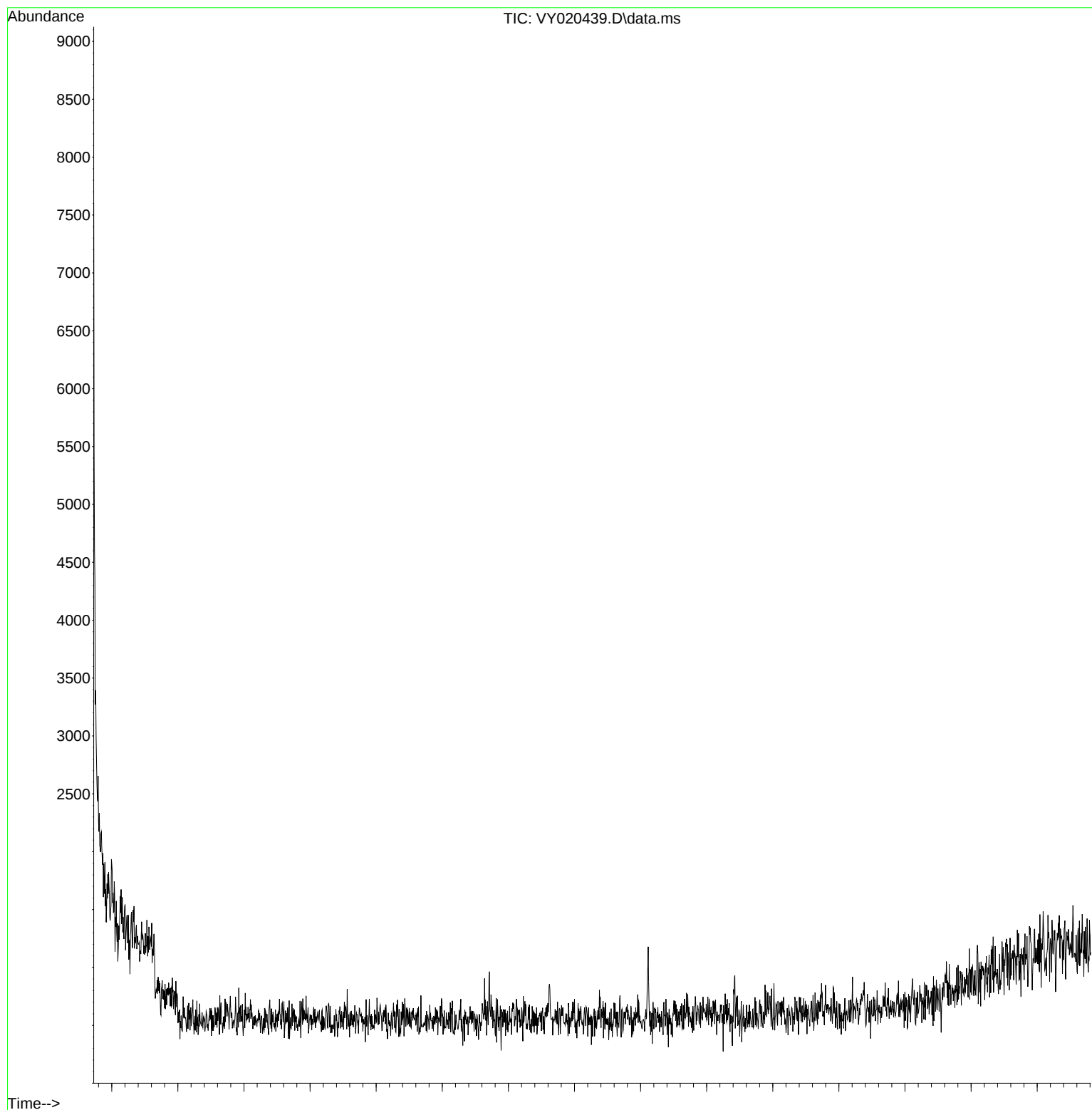
Target Compounds Qvalue

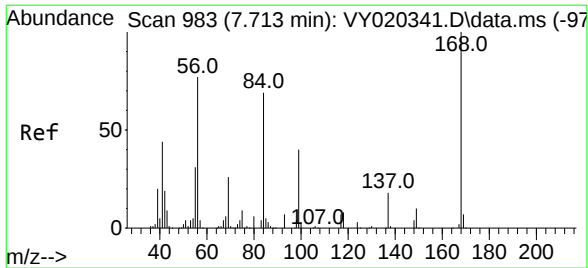
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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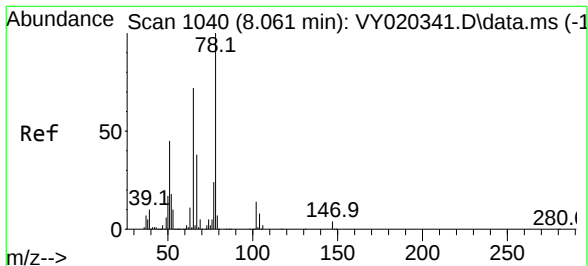
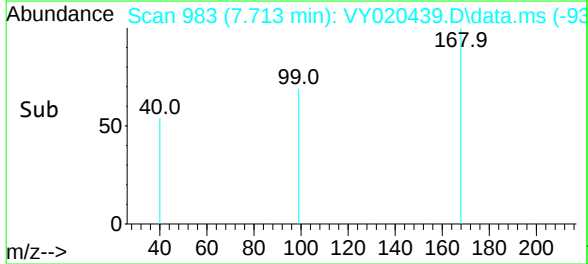
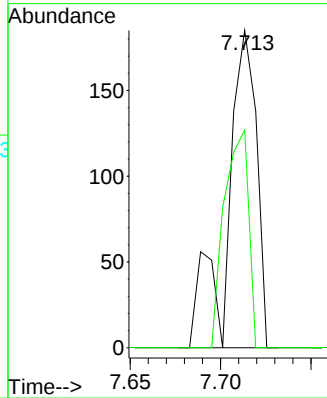
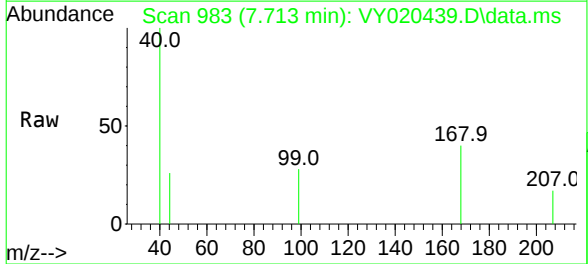




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

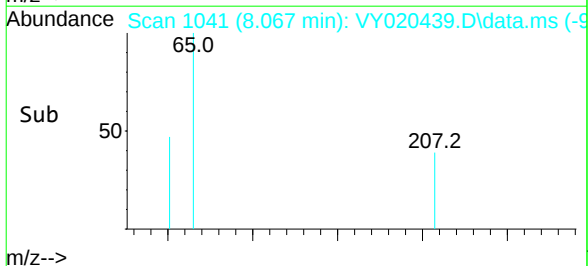
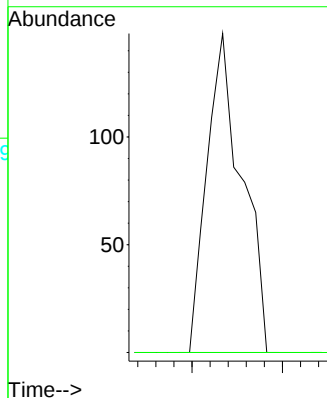
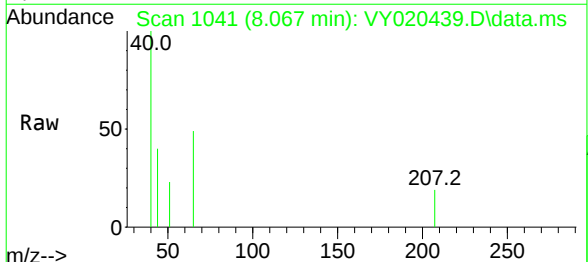
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112124

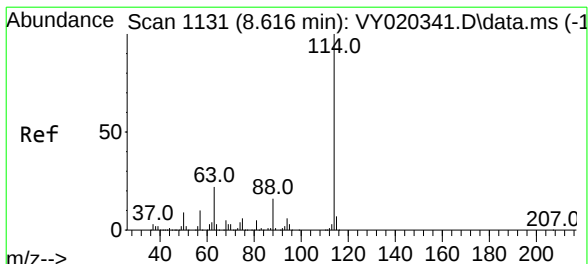
Tgt Ion:168 Resp: 208
Ion Ratio Lower Upper
168 100
99 68.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 83.275 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020439.D
Acq: 25 Nov 2024 18:54

Tgt Ion: 65 Resp: 199
Ion Ratio Lower Upper
65 100
67 0.0 0.0 105.8

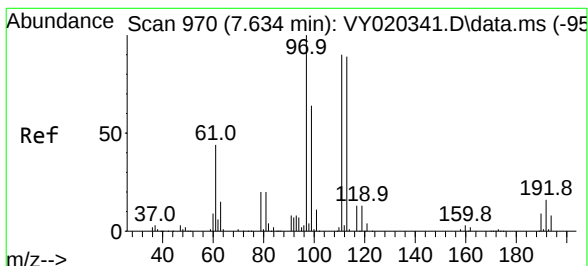
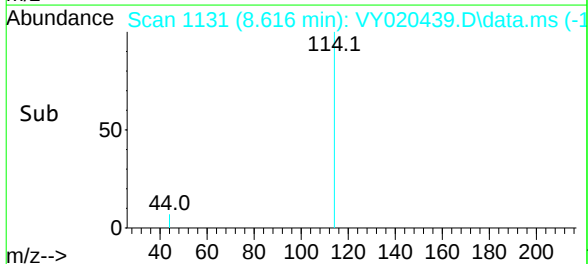
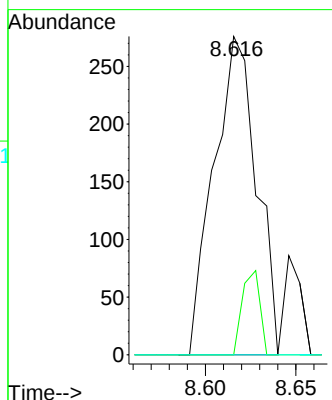
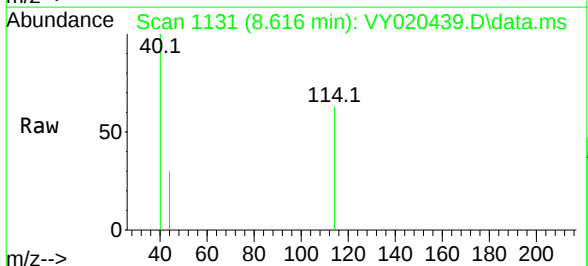




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY020439.D
 Acq: 25 Nov 2024 18:54

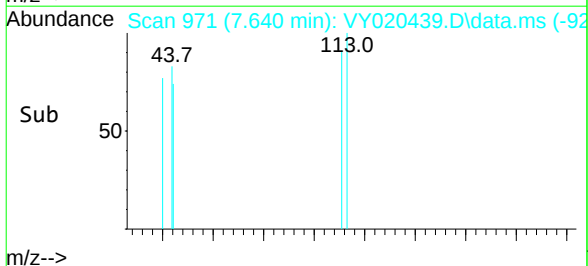
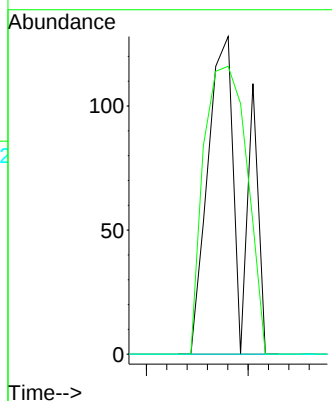
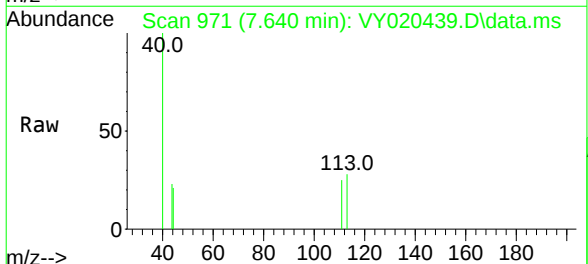
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112124

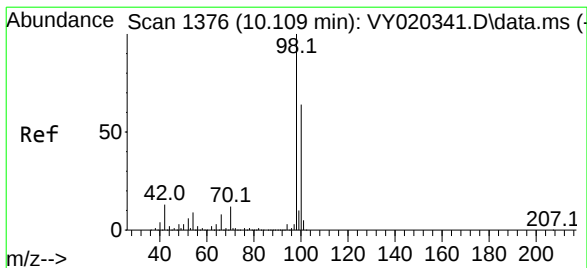
Tgt Ion:	114	Resp:	454
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.8
88	0.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.839 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020439.D
 Acq: 25 Nov 2024 18:54

Tgt Ion:	113	Resp:	148
Ion	Ratio	Lower	Upper
113	100		
111	115.5	81.4	122.0
192	0.0	15.1	22.7#





#50

Toluene-d8

Concen: 42.292 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY020439.D

Acq: 25 Nov 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :

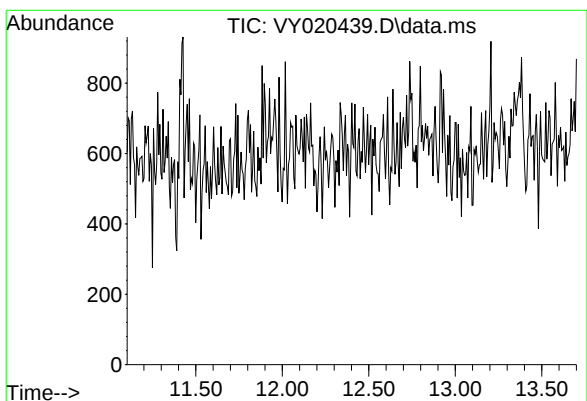
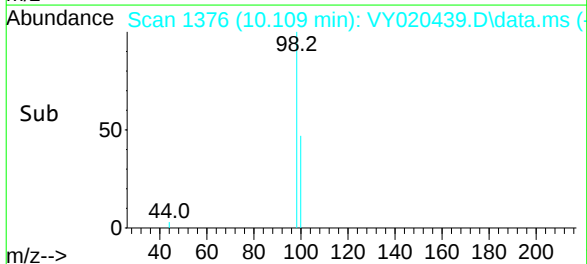
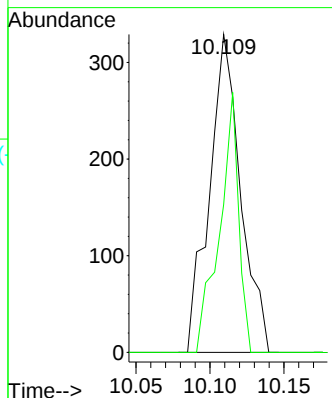
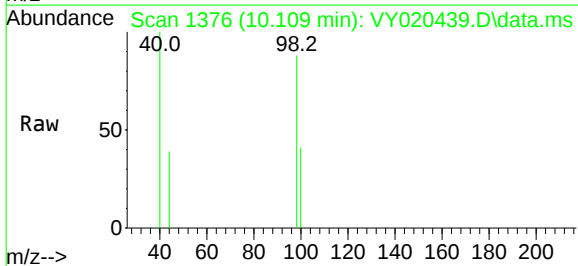
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Tgt Ion: 98 Resp: 485

Ion Ratio Lower Upper

98 100

100 49.7 51.3 76.9#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VY020439.D

Acq: 25 Nov 2024 18:54

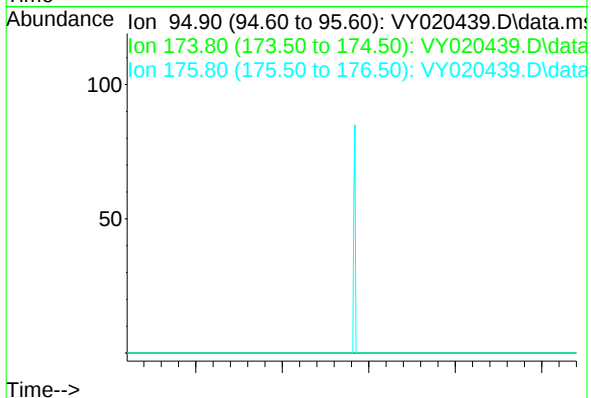
Tgt Ion: 95

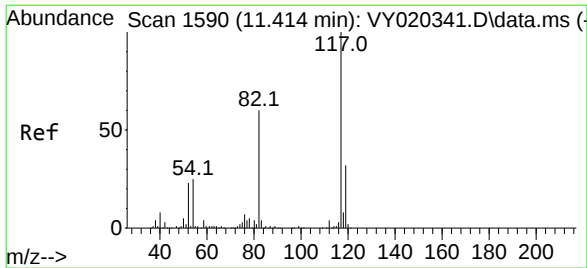
Sig Exp Ratio

95 100

174 78.4

176 76.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY020439.D

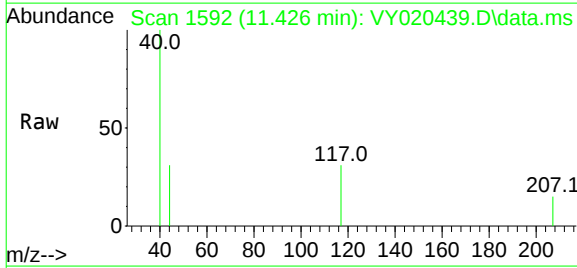
Acq: 25 Nov 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112124



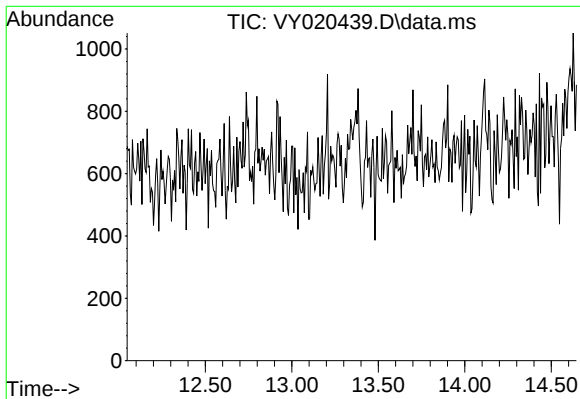
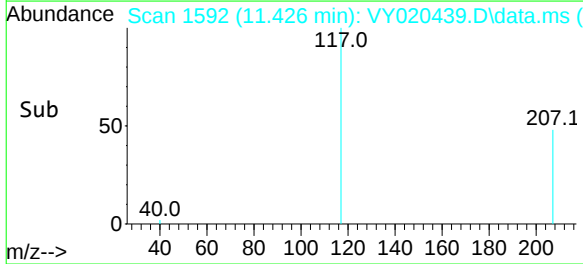
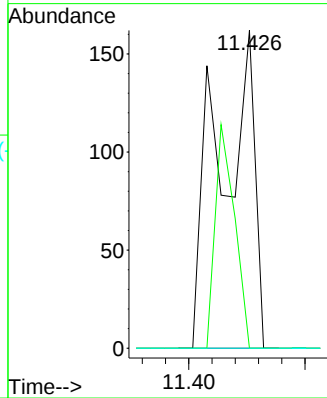
Tgt Ion:117 Resp: 169

Ion Ratio Lower Upper

117 100

82 0.0 48.2 72.4#

119 0.0 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.35 min

Lab File: VY020439.D

Acq: 25 Nov 2024 18:54

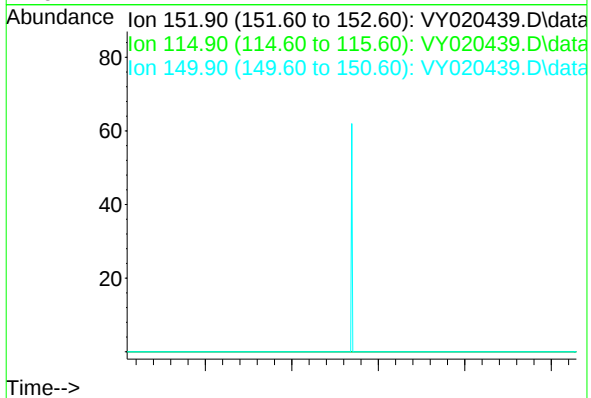
Tgt Ion: 152

Sig Exp Ratio

152 100

115 60.0

150 174.1



Ion 114.90 (114.60 to 115.60): VY020439.D\data.ms

Ion 149.90 (149.60 to 150.60): VY020439.D\data.ms