

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021548.D
 Acq On : 17 Mar 2025 14:03
 Operator : SY/MD
 Sample : Q1581-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-031425

Quant Time: Mar 18 01:27:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	133	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.652	114	19	50.000	ug/l	0.03
63) Chlorobenzene-d5	11.420	117	22	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	147	104.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	209.140%#
35) Dibromofluoromethane	7.646	113	50	400.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	800.700%#
50) Toluene-d8	10.103	98	187	395.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	790.920%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

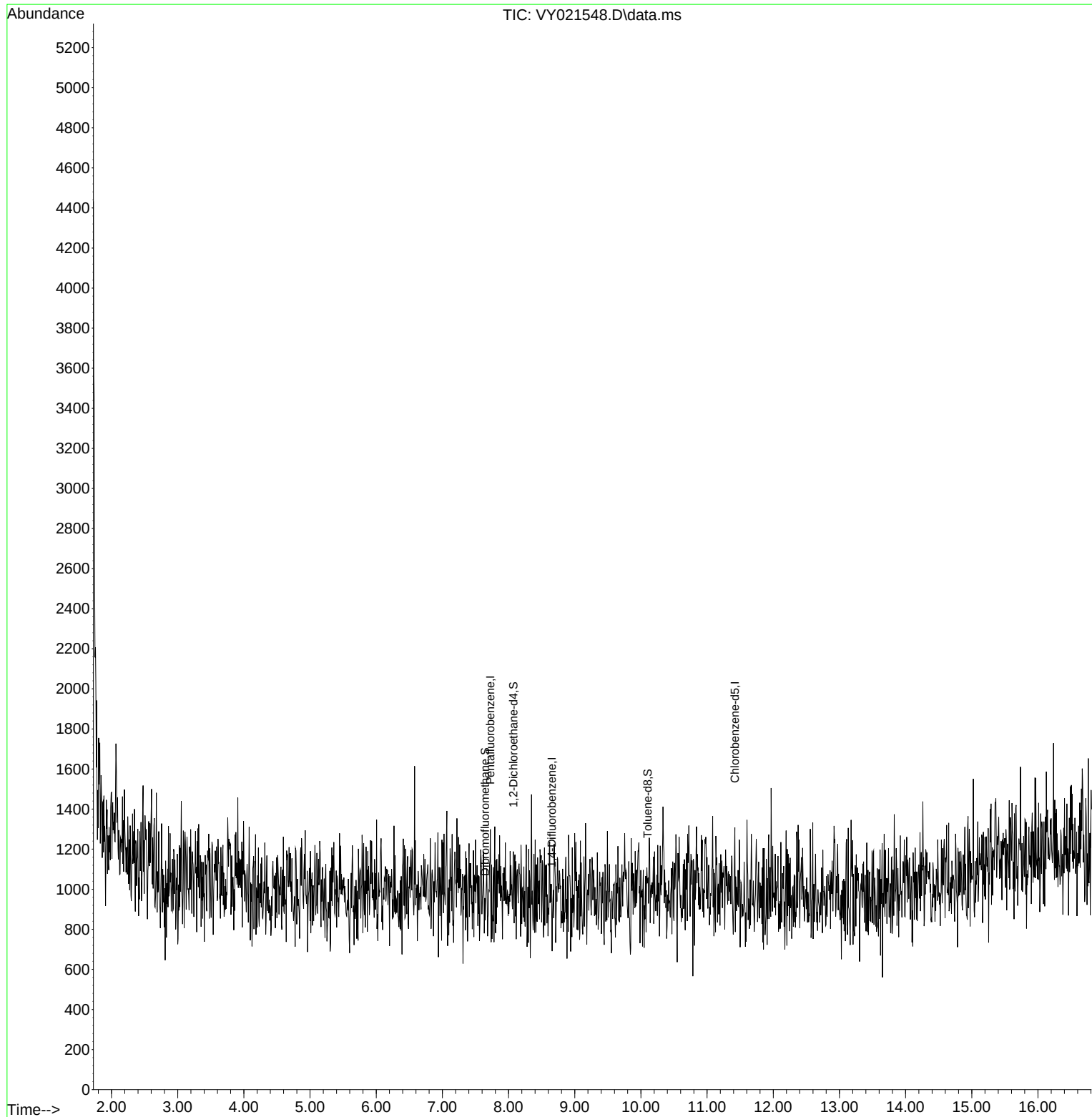
Target Compounds	Qvalue

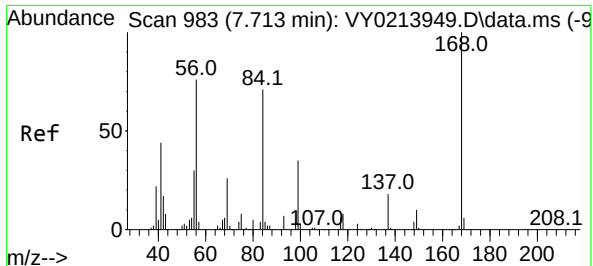
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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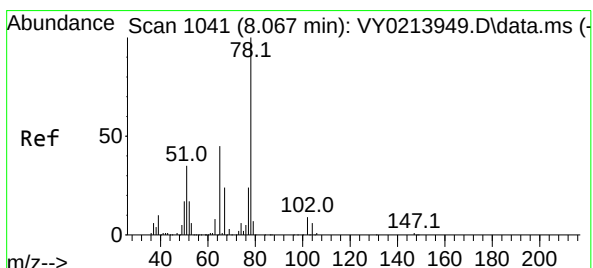
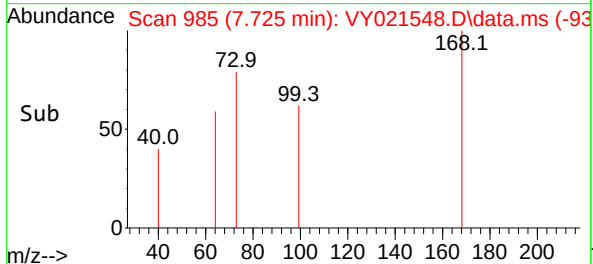
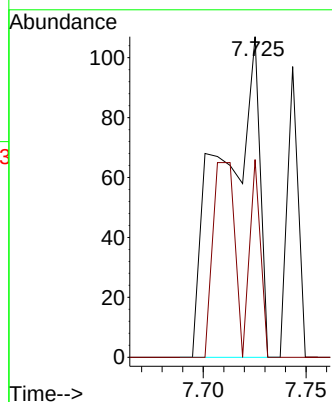
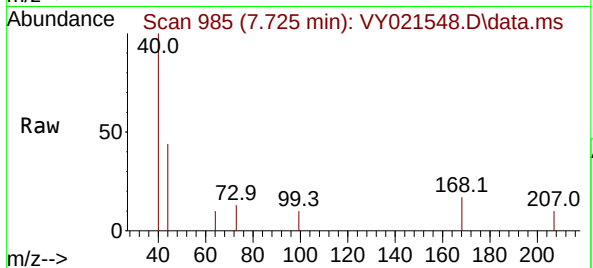




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021548.D
Acq: 17 Mar 2025 14:03

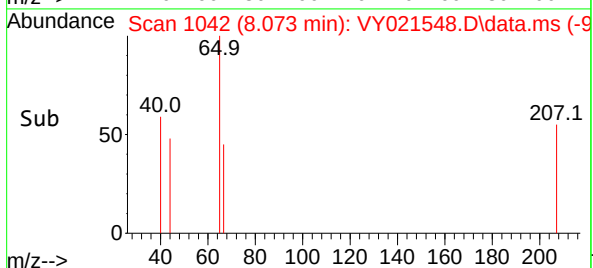
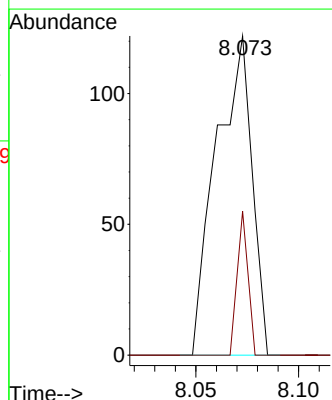
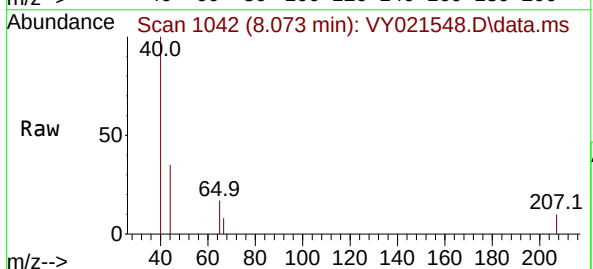
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-031425

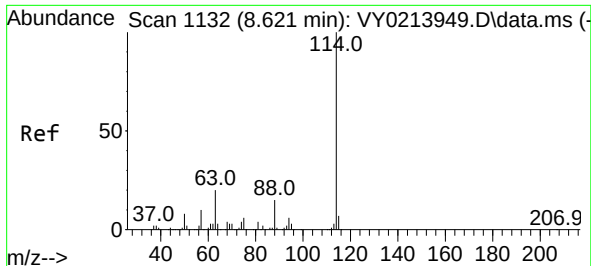
Tgt Ion:168 Resp: 133
Ion Ratio Lower Upper
168 100
99 61.7 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 104.572 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021548.D
Acq: 17 Mar 2025 14:03

Tgt Ion: 65 Resp: 147
Ion Ratio Lower Upper
65 100
67 13.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.652 min Scan# 1137

Delta R.T. 0.030 min

Lab File: VY021548.D

Acq: 17 Mar 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-031425

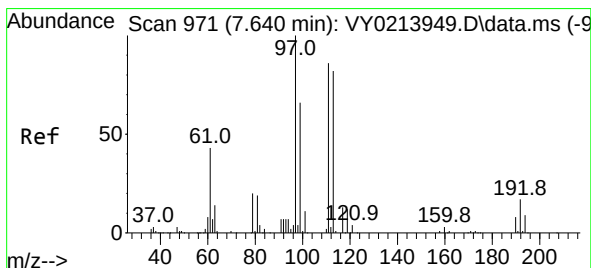
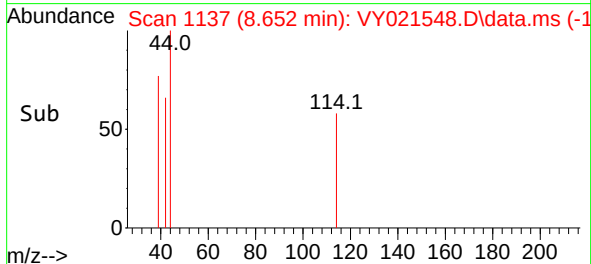
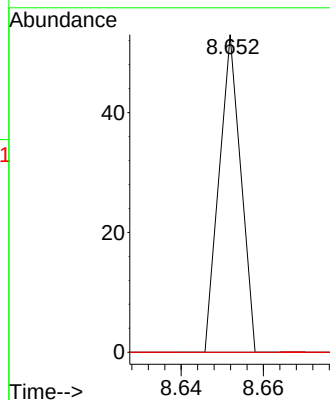
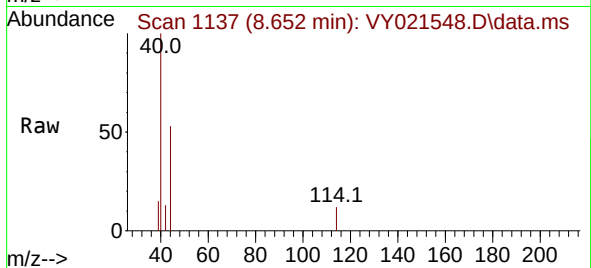
Tgt Ion:114 Resp: 19

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.8

88 0.0 0.0 30.8



#35

Dibromofluoromethane

Concen: 400.353 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021548.D

Acq: 17 Mar 2025 14:03

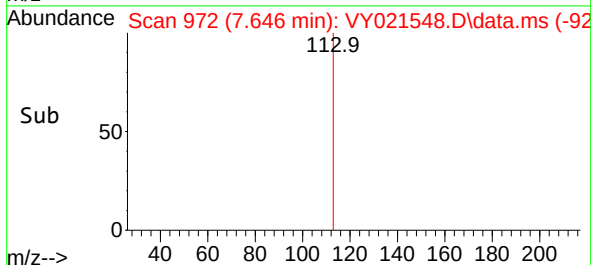
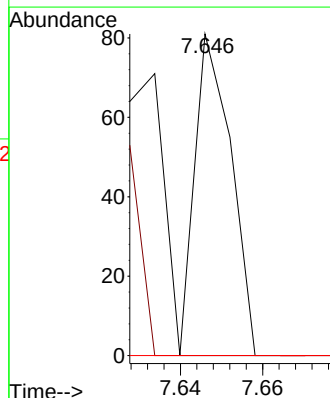
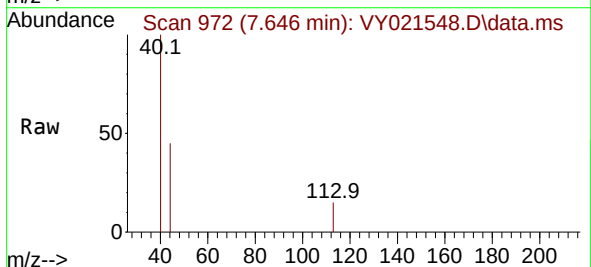
Tgt Ion:113 Resp: 50

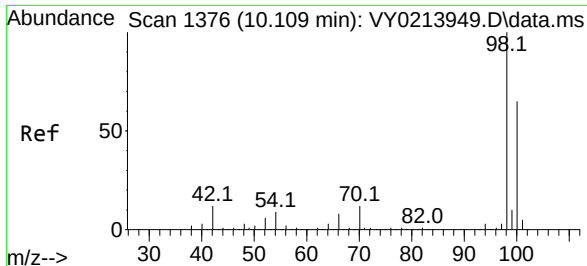
Ion Ratio Lower Upper

113 100

111 0.0 82.0 123.0#

192 0.0 15.9 23.9#





#50

Toluene-d8

Concen: 395.455 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021548.D

Acq: 17 Mar 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

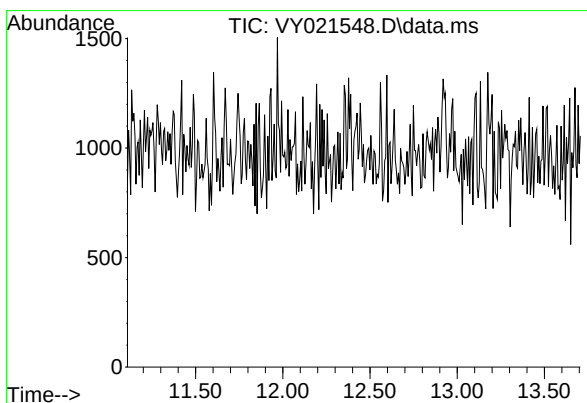
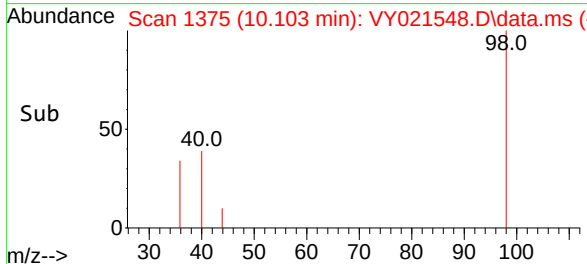
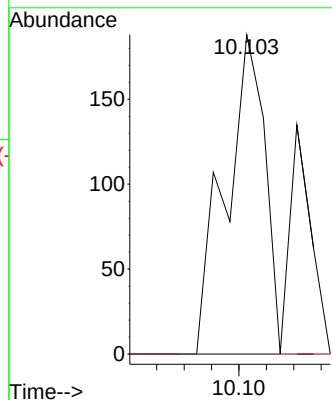
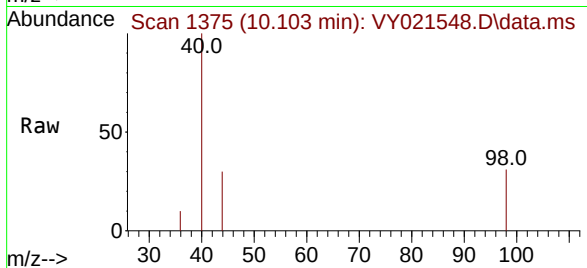
TR-06-031425

Tgt Ion: 98 Resp: 187

Ion Ratio Lower Upper

98 100

100 0.0 52.1 78.1#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY021548.D

Acq: 17 Mar 2025 14:03

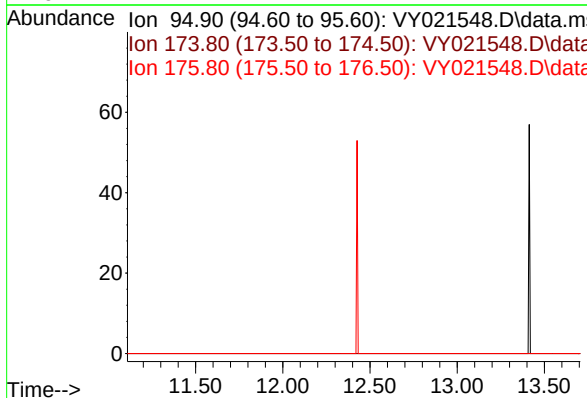
Tgt Ion: 95

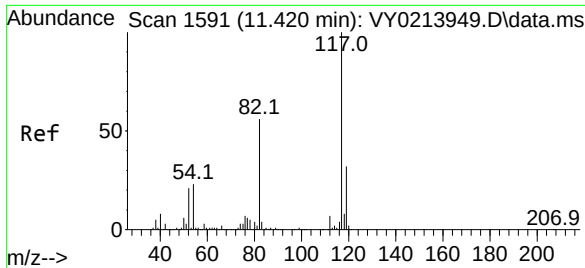
Sig Exp Ratio

95 100

174 82.5

176 80.0





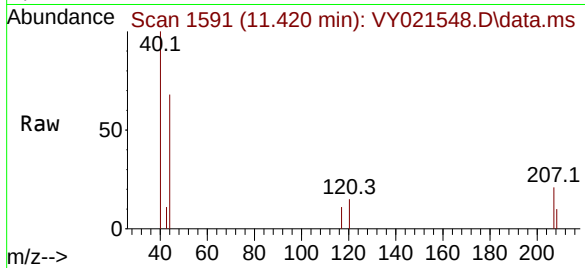
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021548.D
Acq: 17 Mar 2025 14:03

Instrument :

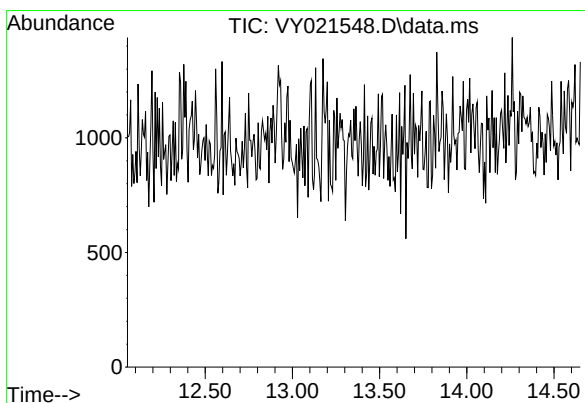
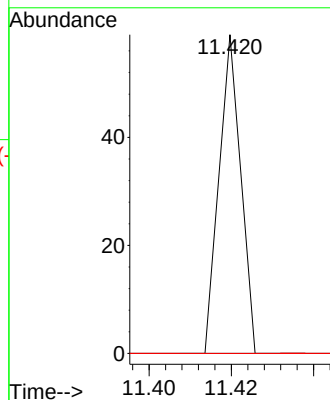
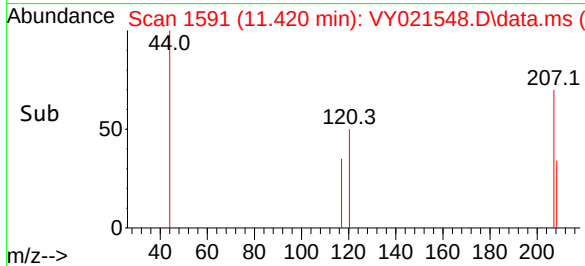
MSVOA_Y

ClientSampleId :

TR-06-031425



Tgt Ion:117 Resp: 22
Ion Ratio Lower Upper
117 100
82 0.0 44.6 67.0#
119 0.0 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min

Lab File: VY021548.D
Acq: 17 Mar 2025 14:03

Tgt Ion: 152
Sig Exp Ratio
152 100
115 58.0
150 173.6

