

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020796.D
 Acq On : 07 Jan 2025 16:43
 Operator : SY/MD
 Sample : Q1029-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

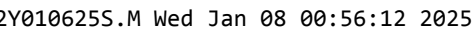
Quant Time: Jan 08 00:56:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

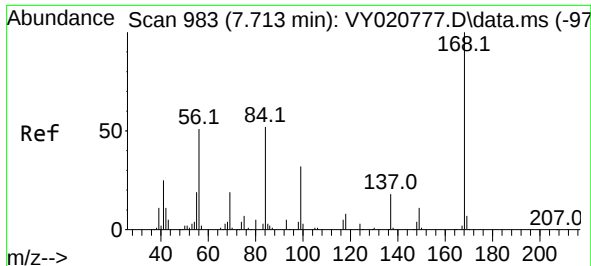
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	22	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	48	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	42	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	19	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	141	754.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 1508.080%#	
35) Dibromofluoromethane	7.640	113	68	226.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 452.260%#	
50) Toluene-d8	10.115	98	22	20.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 41.980%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	
Target Compounds						
						Qvalue
76) 1,2,3-Trichloropropane	12.408	75	20	120.304	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	20	253.664	ug/l	# 14

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

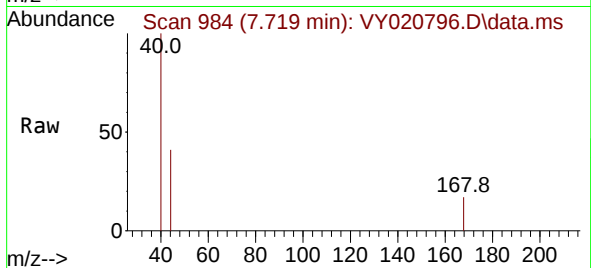
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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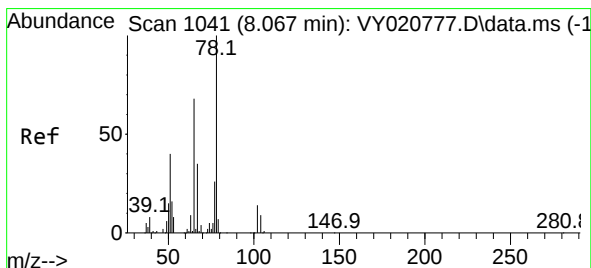
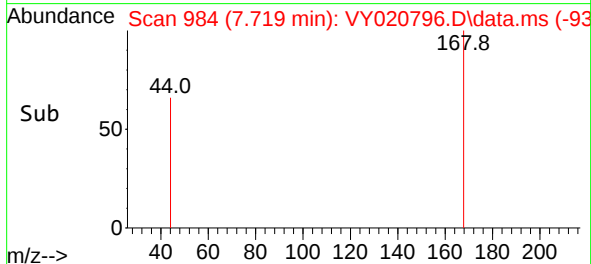
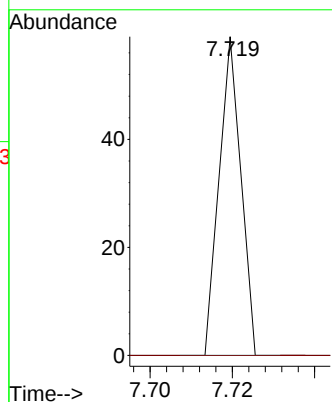


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Instrument :
MSVOA_Y
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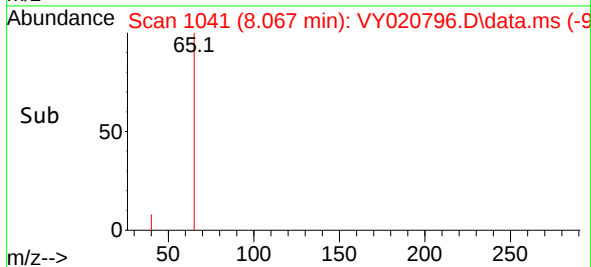
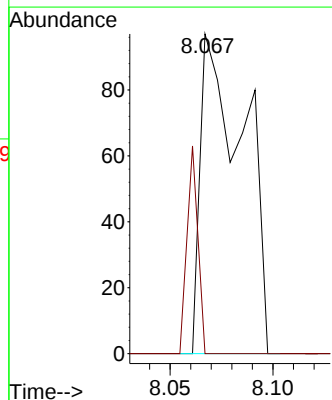
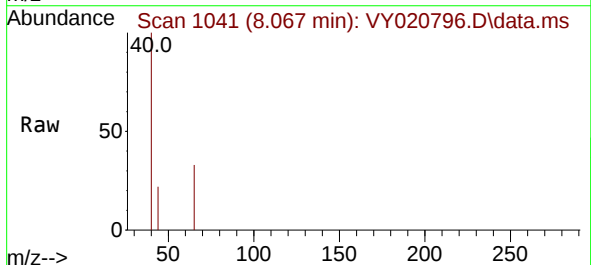


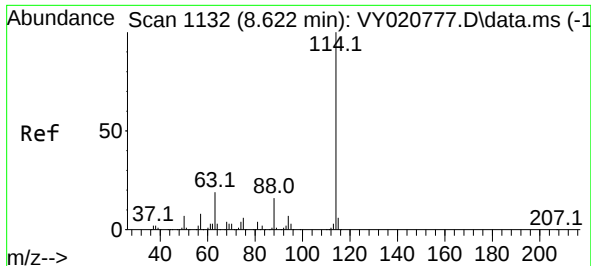
Tgt Ion:168 Resp: 22
Ion Ratio Lower Upper
168 100
99 0.0 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 754.041 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Tgt Ion: 65 Resp: 141
Ion Ratio Lower Upper
65 100
67 16.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

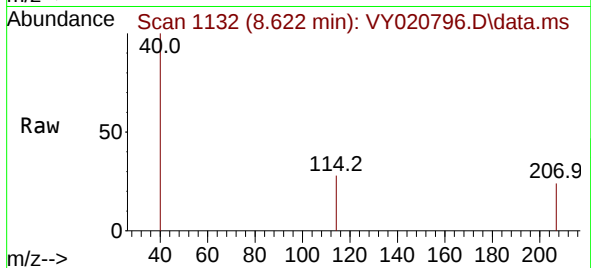
Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :



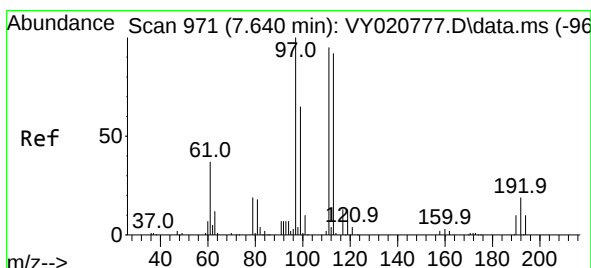
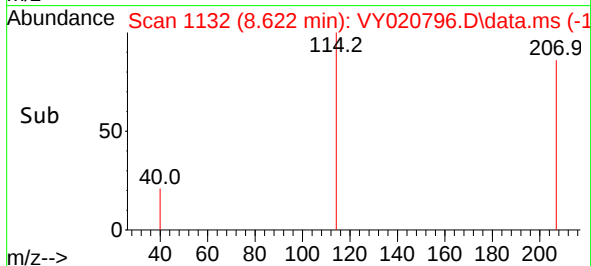
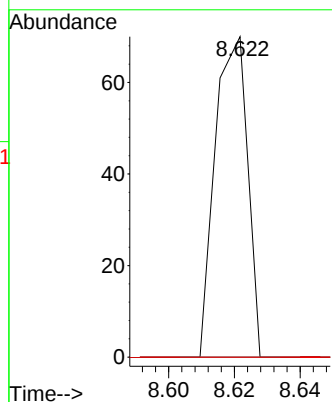
Tgt Ion:114 Resp: 48

Ion Ratio Lower Upper

114 100

63 0.0 0.0 38.4

88 0.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 226.127 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

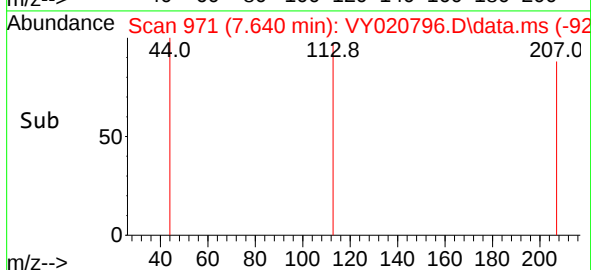
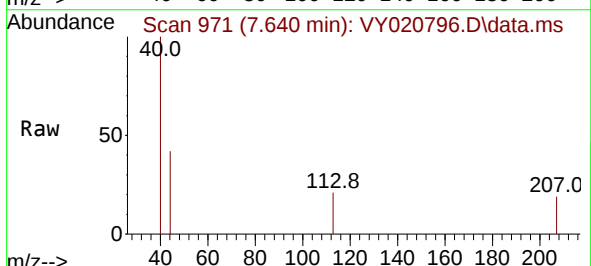
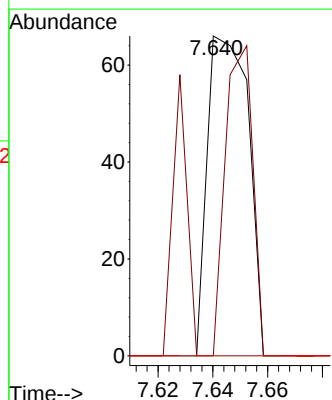
Tgt Ion:113 Resp: 68

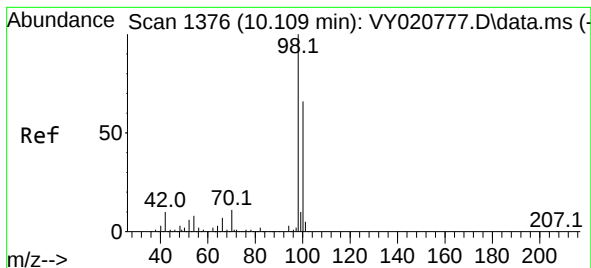
Ion Ratio Lower Upper

113 100

111 30.9 81.7 122.5#

192 0.0 16.7 25.1#

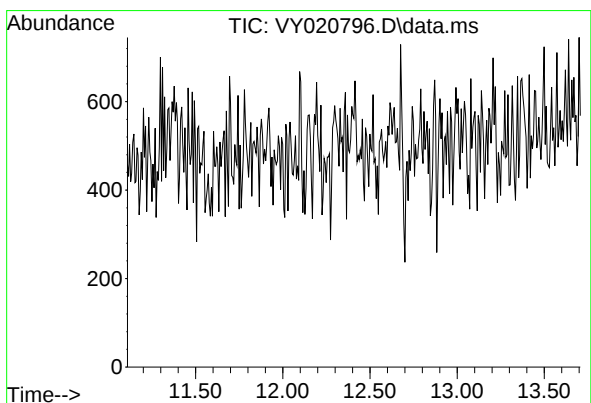
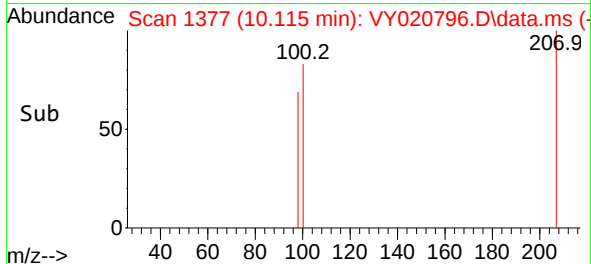
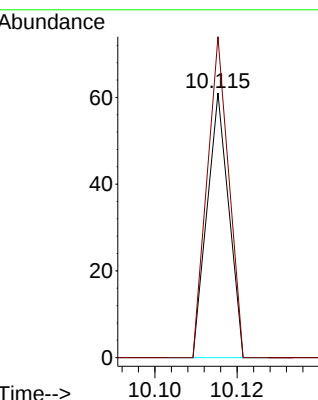
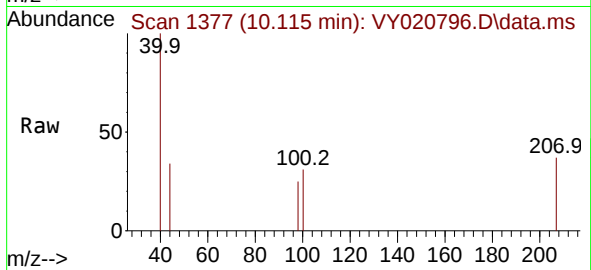




#50
Toluene-d8
Concen: 20.986 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Instrument :
MSVOA_Y
ClientSampleId :

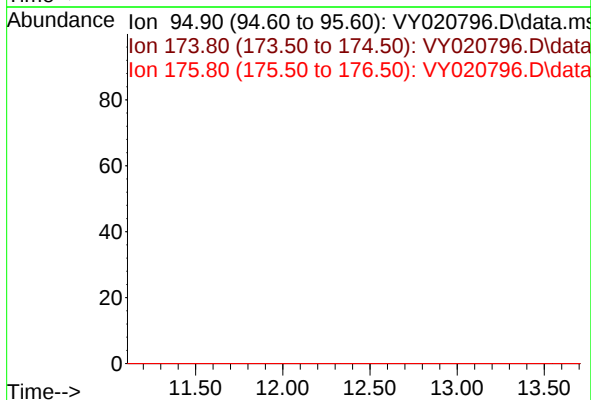
Tgt Ion: 98 Resp: 22
Ion Ratio Lower Upper
98 100
100 122.7 52.5 78.7#

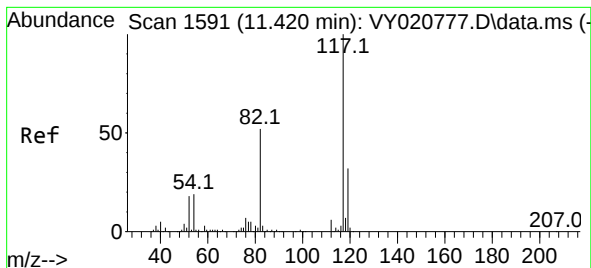


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Tgt Ion: 95
Sig Exp Ratio
95 100
174 89.0
176 86.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

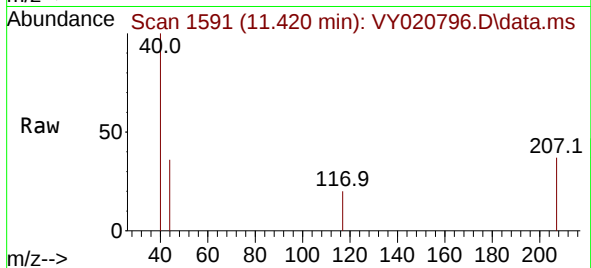
Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

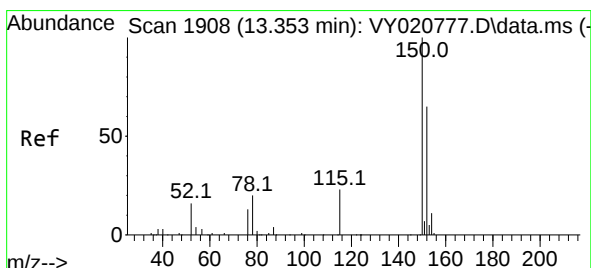
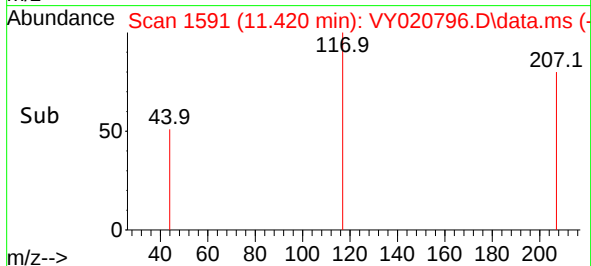
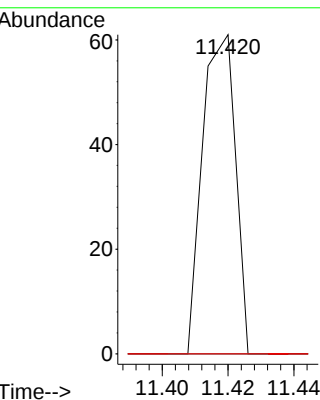
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	42
Ion	Ratio	Lower Upper
117	100	
82	0.0	41.8 62.6#
119	0.0	25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

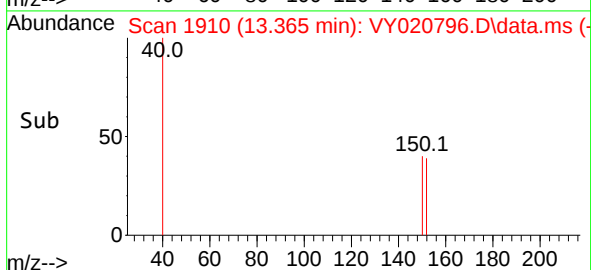
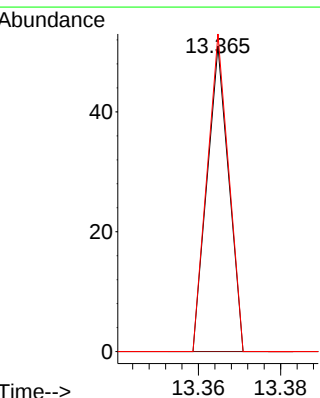
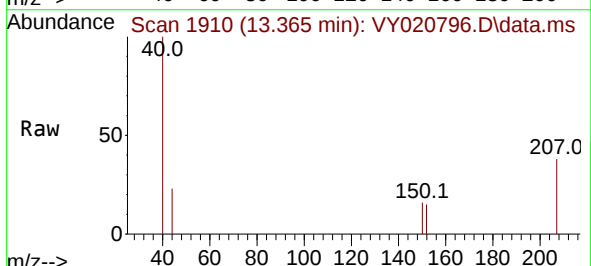
RT: 13.365 min Scan# 1910

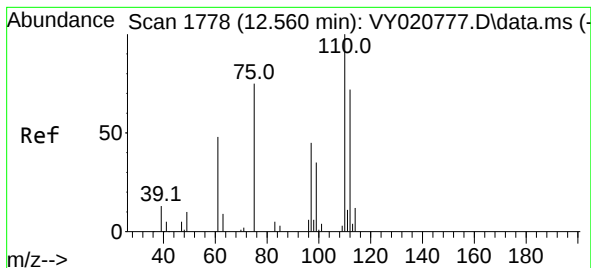
Delta R.T. 0.012 min

Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

Tgt Ion:152	Resp:	19
Ion	Ratio	Lower Upper
152	100	
115	0.0	29.0 87.0#
150	100.0	0.0 347.4

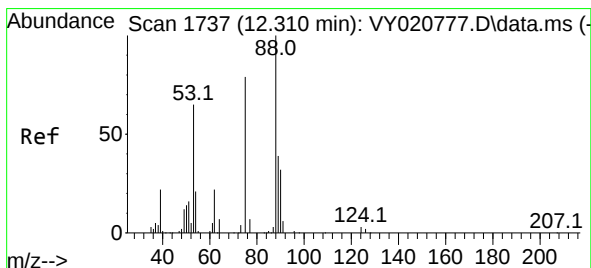
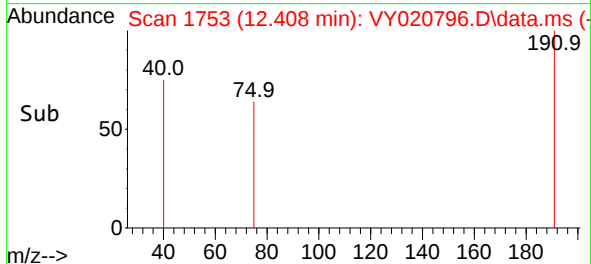
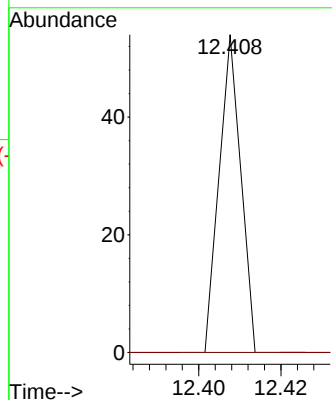
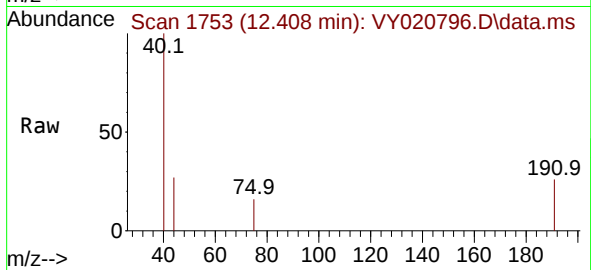




#76
1,2,3-Trichloropropane
Concen: 120.304 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 253.664 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

