

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016580.D
 Acq On : 06 Jun 2020 11:19
 Operator : SY/MD
 Sample : L2895-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETW41

Quant Time: Jun 06 23:49:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	112326	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.10%
7) Chloroethane-d5	1.56	69	84871	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.62%
11) 1,1-Dichloroethene-d2	2.12	63	159370	38.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.72%
21) 2-Butanone-d5	3.89	46	195477	132.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.13%#
24) Chloroform-d	4.37	84	252920	58.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.50%
26) 1,2-Dichloroethane-d4	5.05	65	174893	60.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.30%
32) Benzene-d6	5.07	84	499377	61.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.04%
36) 1,2-Dichloropropane-d6	6.09	67	158808	62.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	125.58%#
41) Toluene-d8	7.33	98	450953	61.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.34%#
43) trans-1,3-Dichloropropene-	7.64	79	75595	61.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.66%
47) 2-Hexanone-d5	8.11	63	148309	136.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.92%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	213129	62.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.26%#
64) 1,2-Dichlorobenzene-d4	11.65	152	187105	67.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.78%#

Target Compounds

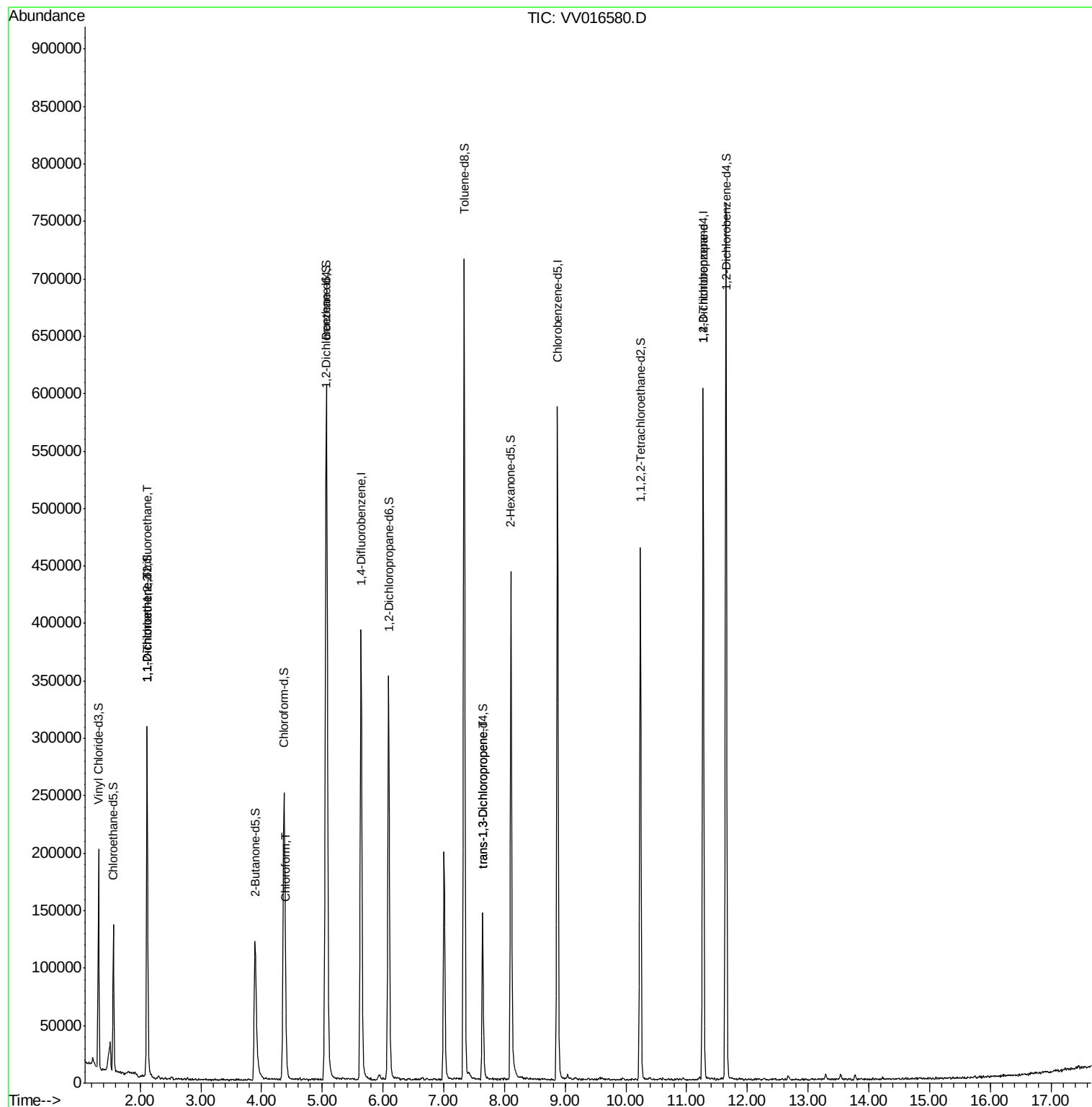
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1588	0.843 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1450	0.799 ug/L #	1
25) Chloroform	4.40	83	14542	3.278 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3547	1.067 ug/L	84
59) 1,2,3-Trichloropropane	11.27	75	19049	6.572 ug/L	96

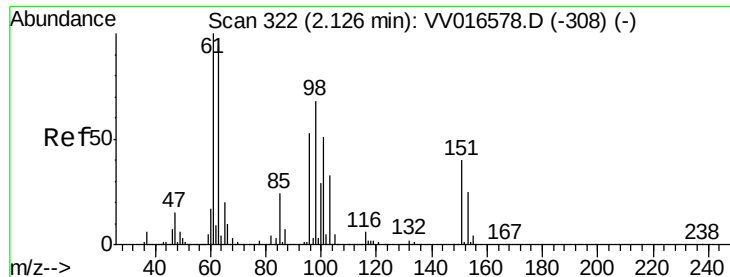
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.843 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016580.D

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ClientSampleId :

ETW41

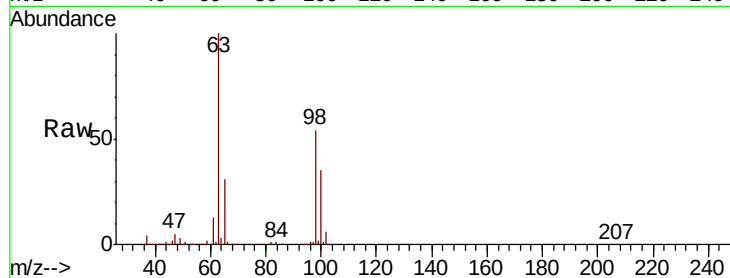
Tot Ion:101 Resp: 1588

Ion Ratio Lower Upper

101 100

85 6.4 35.6 53.4#

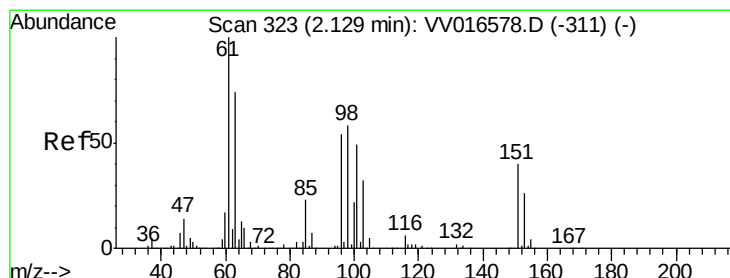
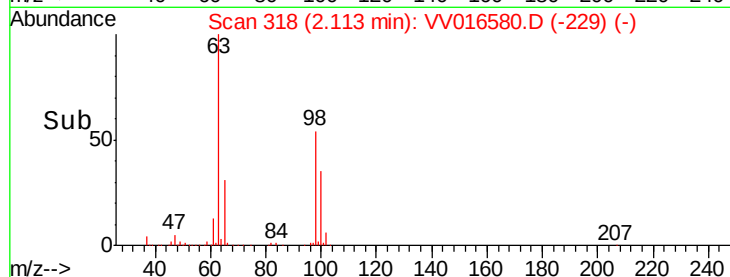
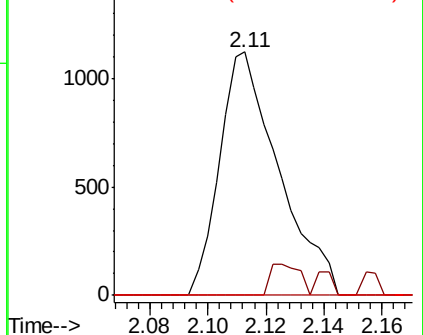
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.799 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016580.D

Acq: 06 Jun 2020 11:19

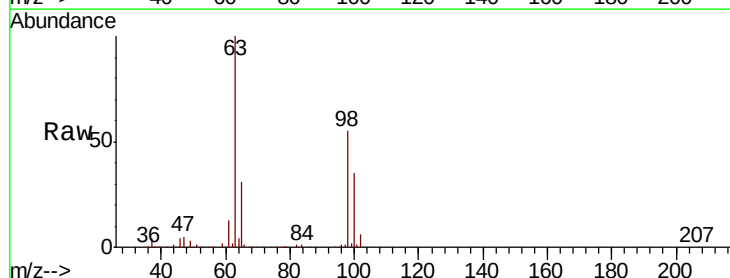
Tgt Ion: 96 Resp: 1450

Ion Ratio Lower Upper

96 100

61 1542.8 125.5 233.1#

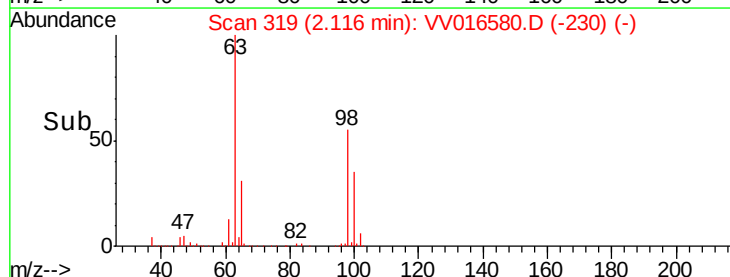
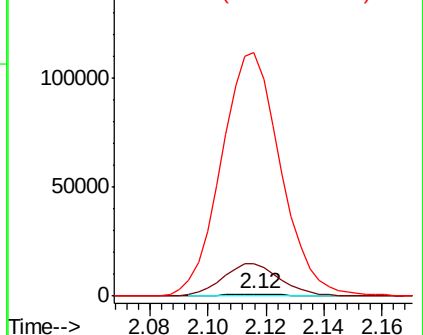
63 11498.8 104.0 193.1#

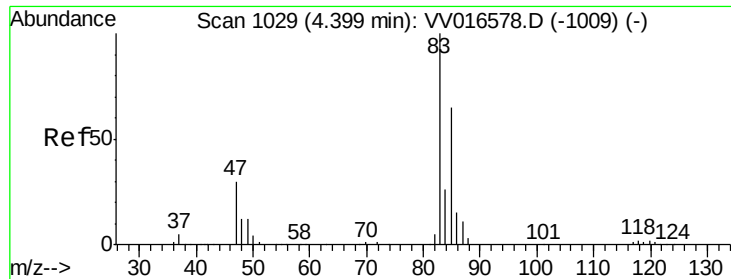


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

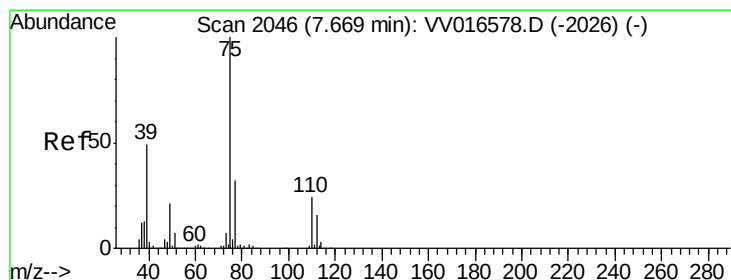
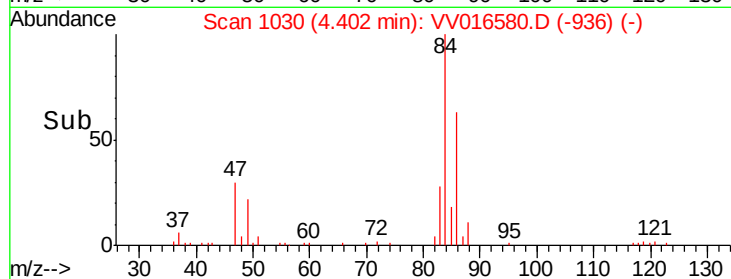
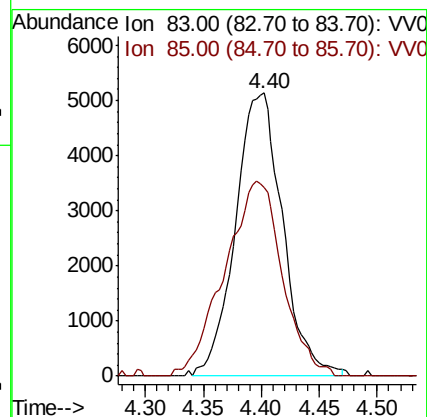
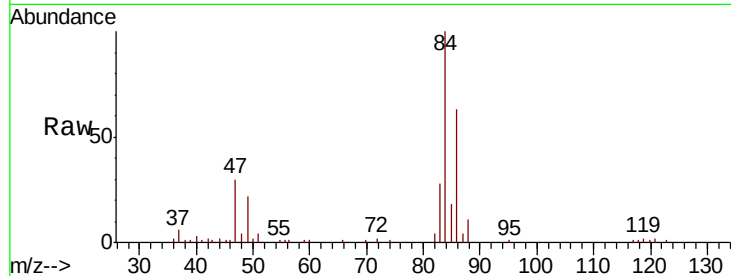




#25
Chloroform
Concen: 3.278 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016580.D
Acq: 06 Jun 2020 11:19

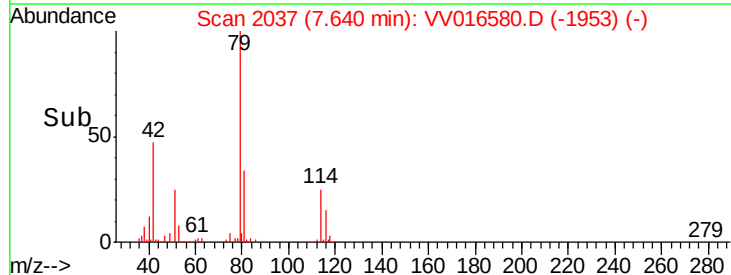
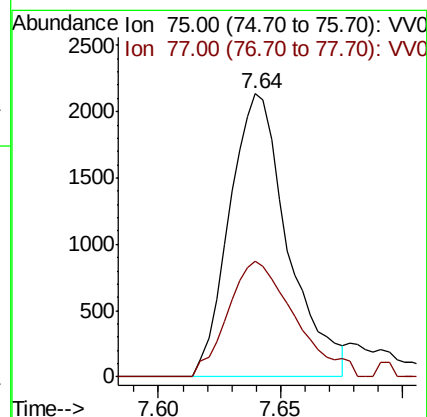
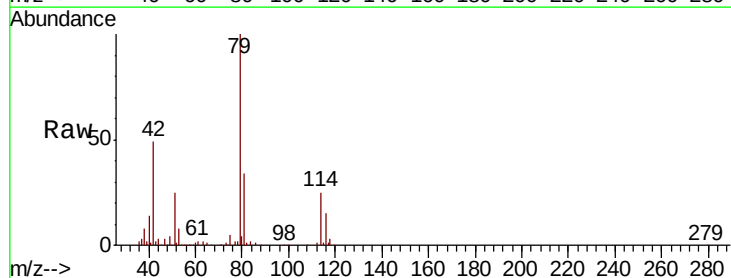
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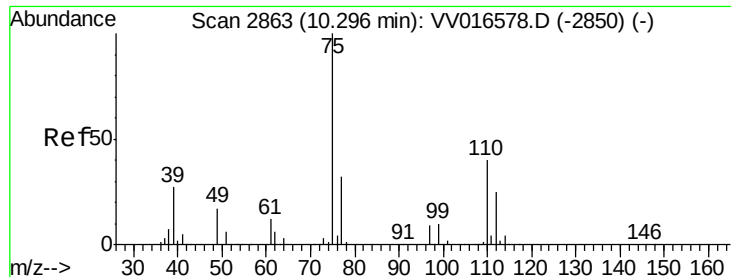
Tot Ion: 83 Resp: 14542
Ion Ratio Lower Upper
83 100
85 66.6 46.1 85.7



#44
trans-1,3-Dichloropropene
Concen: 1.067 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016580.D
Acq: 06 Jun 2020 11:19

Tgt Ion: 75 Resp: 3547
Ion Ratio Lower Upper
75 100
77 40.7 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 6.572 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016580.D

Acq: 06 Jun 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

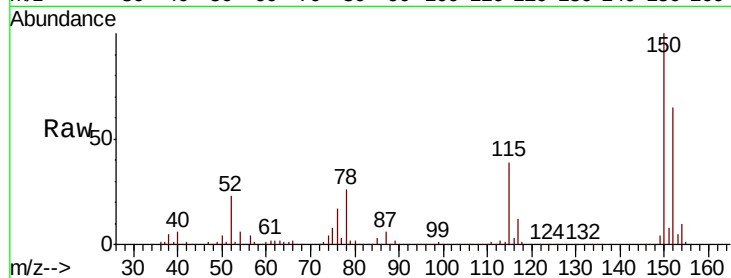
ETW41

Tot Ion: 75 Resp: 19049

Ion Ratio Lower Upper

75 100

77 35.4 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

