

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018396.D
 Acq On : 22 Sep 2020 15:21
 Operator : SY/MD
 Sample : L4092-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWW3

Quant Time: Sep 23 05:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	105223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84169	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.06%
7) Chloroethane-d5	1.58	69	72139	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.52%
11) 1,1-Dichloroethene-d2	2.12	63	126475	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.04%
21) 2-Butanone-d5	3.92	46	111791	102.04	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.38	84	160655	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
26) 1,2-Dichloroethane-d4	5.06	65	108091	54.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.60%
32) Benzene-d6	5.08	84	329024	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
36) 1,2-Dichloropropane-d6	6.09	67	106088	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.34	98	298914	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%
43) trans-1,3-Dichloropropene-	7.64	79	50107	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.38%
47) 2-Hexanone-d5	8.11	63	70139	92.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	126336	50.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	124083	57.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.84%

Target Compounds

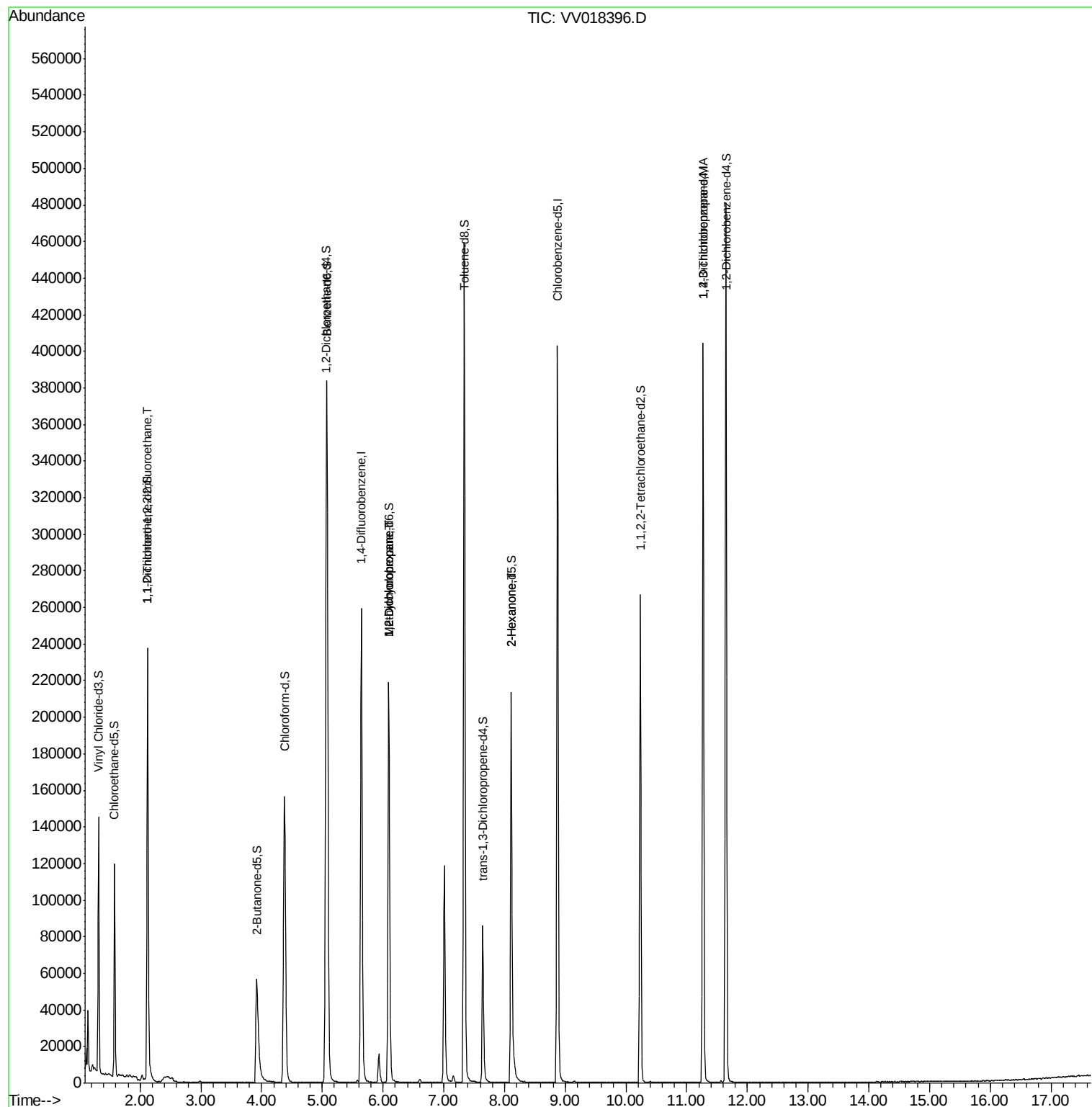
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1125	0.759 ug/L #	19
35) Methylcyclohexane	6.09	83	25149	9.731 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11284	6.758 ug/L #	87
48) 2-Hexanone	8.11	43	8959	5.610 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	11860	6.039 ug/L	98

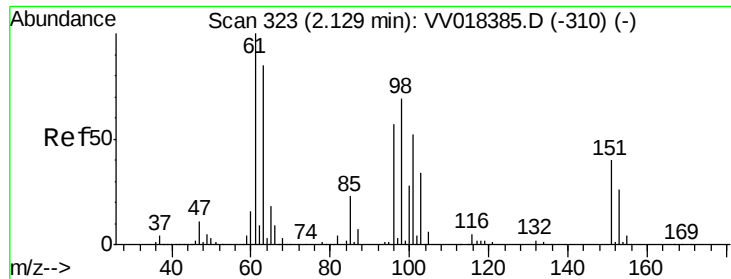
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 23 05:49:41 2020
Response via : Initial Calibration





#10

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

Concen: 0.759 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018396.D

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BFWW3

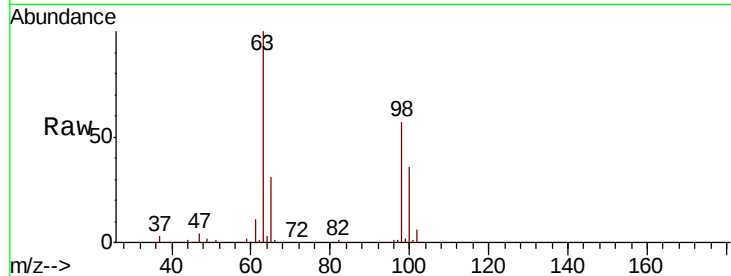
Tot Ion:101 Resp: 1125

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

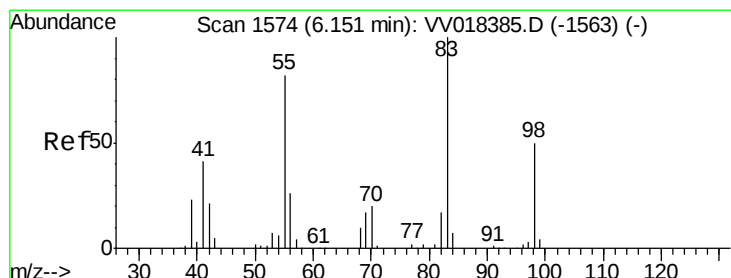
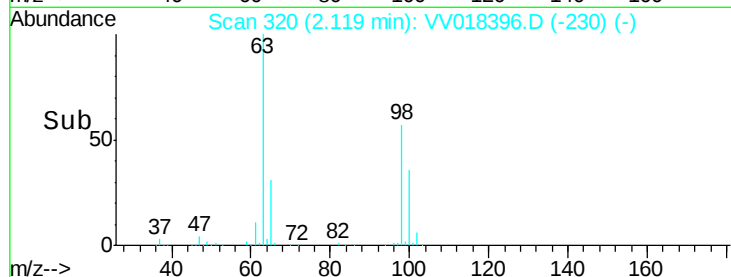
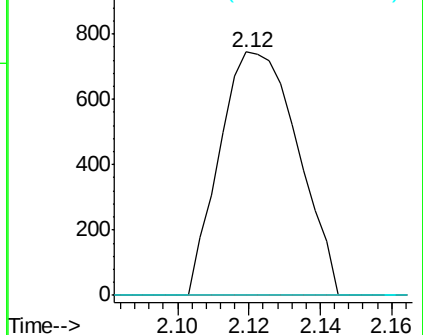
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 9.731 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018396.D

Acq: 22 Sep 2020 15:21

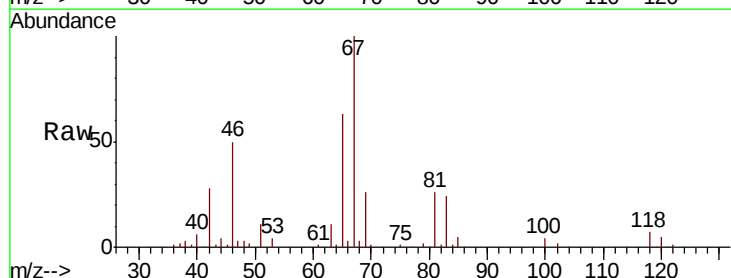
Tgt Ion: 83 Resp: 25149

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

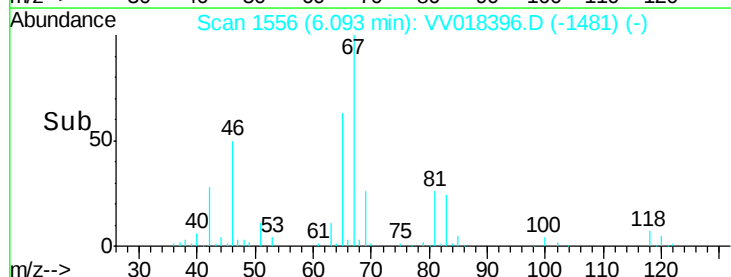
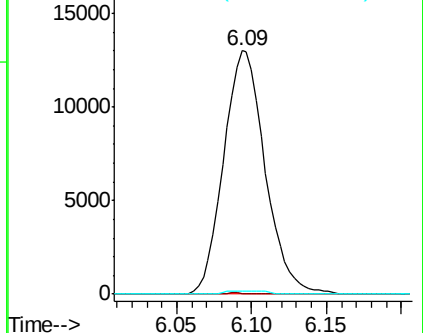
98 0.5 38.8 58.2#

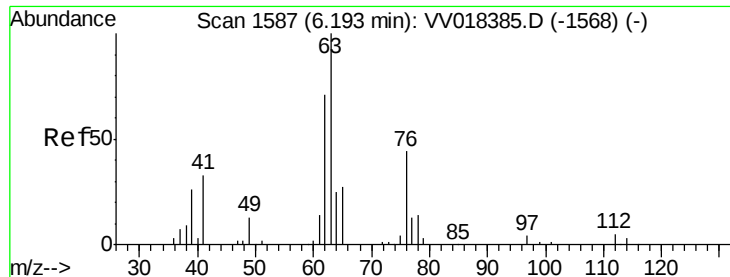


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 6.758 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018396.D

Acq: 22 Sep 2020 15:21

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MSVOA_V

ClientSampleId :

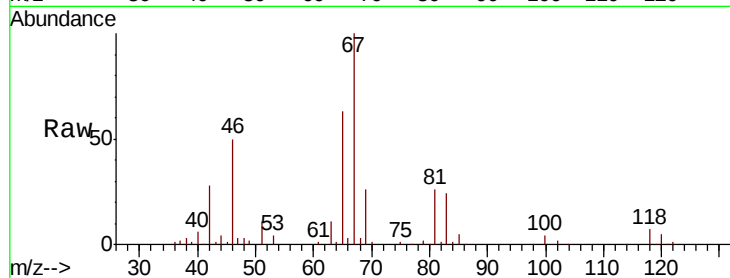
BFWW3

Tot Ion: 63 Resp: 11284

Ion Ratio Lower Upper

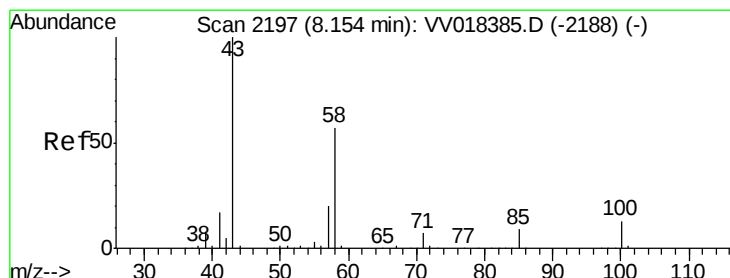
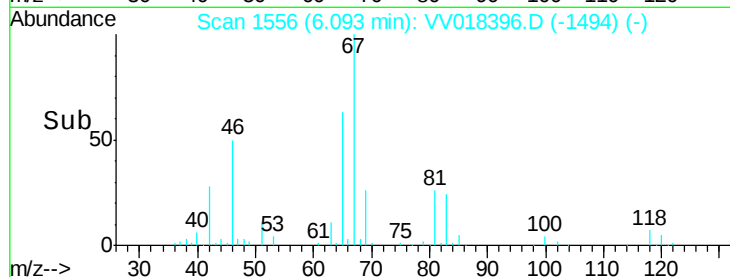
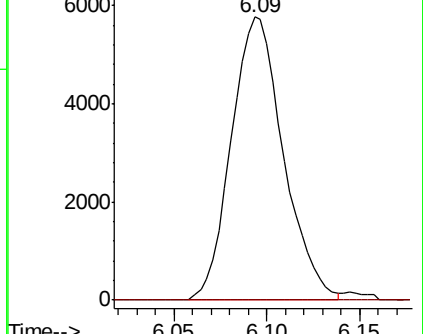
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018385.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018385.D (-1568) (-)



#48

2-Hexanone

Concen: 5.610 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.04 min

Lab File: VV018396.D

Acq: 22 Sep 2020 15:21

Tgt Ion: 43 Resp: 8959

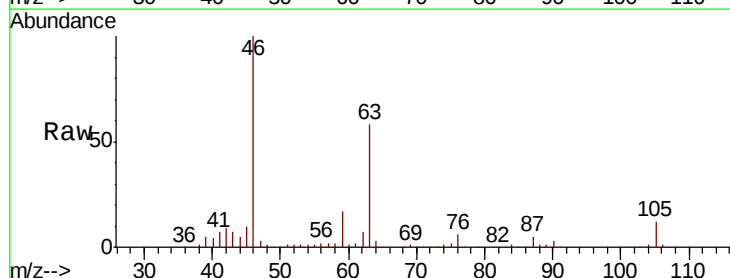
Ion Ratio Lower Upper

43 100

58 32.6 44.8 67.2#

57 28.4 15.8 23.6#

100 1.1 10.2 15.4#

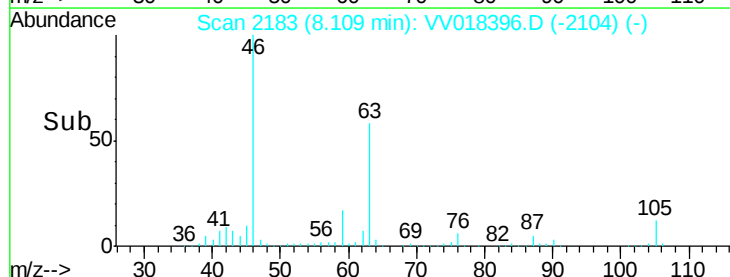
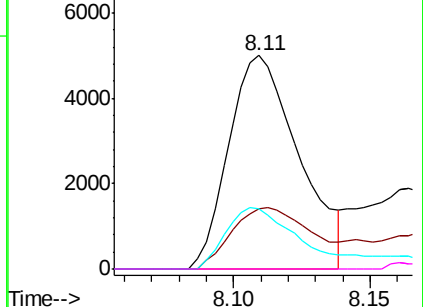


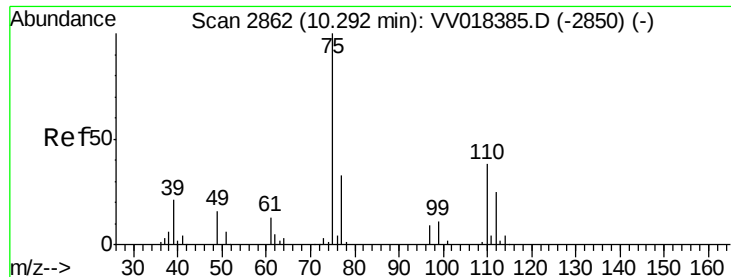
Abundance Ion 43.00 (42.70 to 43.70): VV018385.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV018385.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV018385.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV018385.D (-2188) (-)





#59

1,2,3-Trichloropropane

Concen: 6.039 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018396.D

Acq: 22 Sep 2020 15:21

Instrument :

MSVOA_V

ClientSampleId :

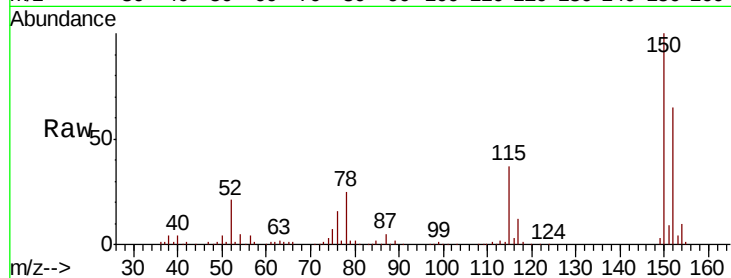
BFWW3

Tot Ion: 75 Resp: 11860

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

