

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016660.D
 Acq On : 08 Jun 2020 15:26
 Operator : SY/MD
 Sample : L2862-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 09 01:08:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376896	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	355609	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	129371	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.30%
7) Chloroethane-d5	1.56	69	85885	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.64%
11) 1,1-Dichloroethene-d2	2.12	63	168052	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	3.89	46	199584	101.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.37	84	256142	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.05	65	184699	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
32) Benzene-d6	5.07	84	521626	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
36) 1,2-Dichloropropane-d6	6.09	67	162807	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.90%
41) Toluene-d8	7.34	98	461844	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.64	79	78571	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.11	63	138177	99.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212865	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	192682	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%

Target Compounds

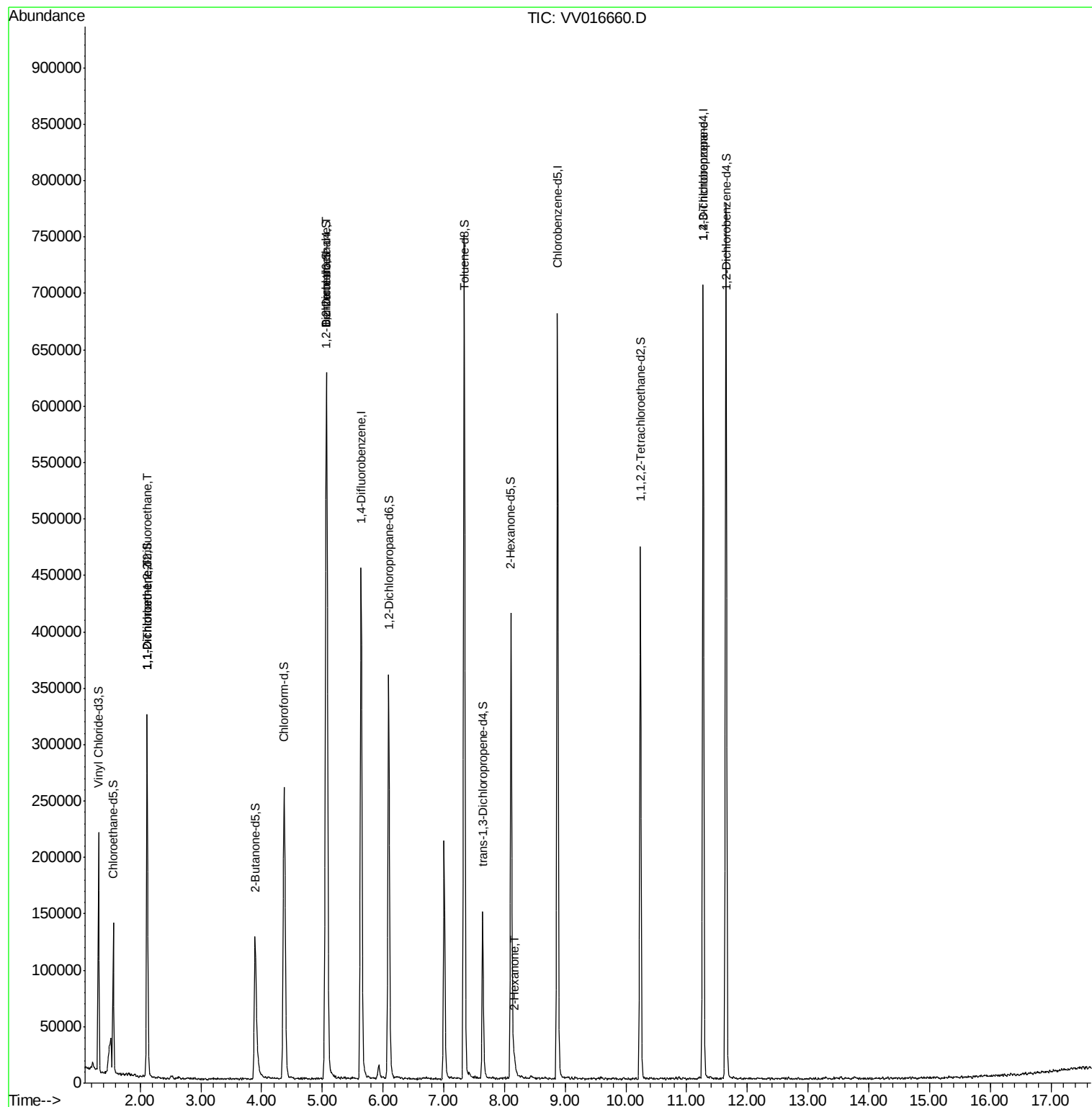
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1678	0.837 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	1546	0.826 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3691	0.892 ug/L	96
48) 2-Hexanone	8.17	43	8159	2.714 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	21029	6.194 ug/L	90

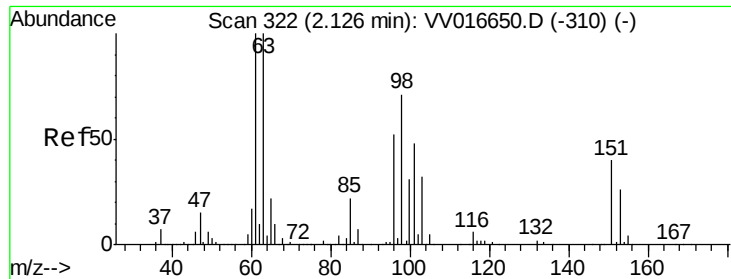
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.837 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016660.D

Acq: 08 Jun 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

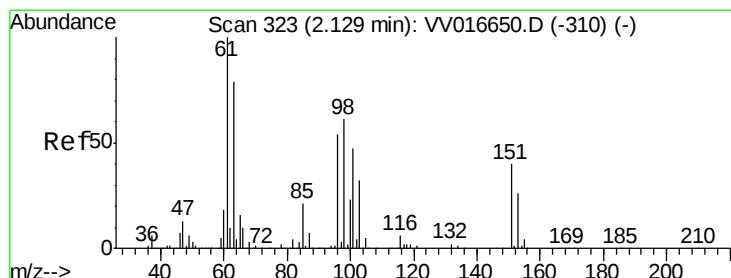
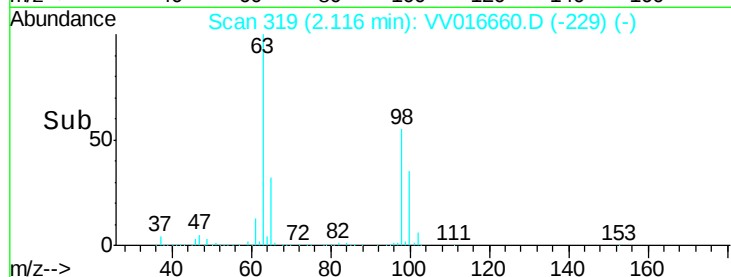
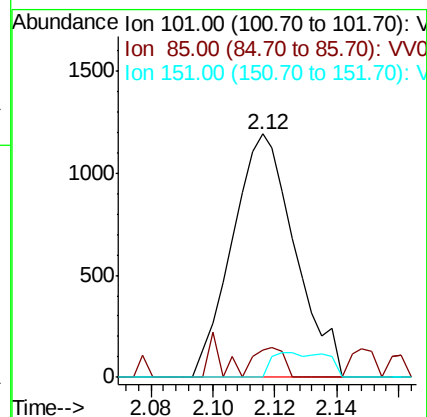
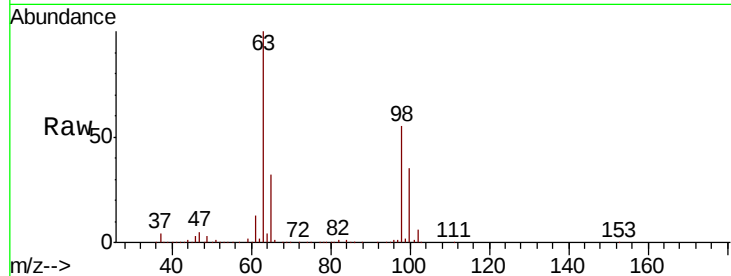
Tot Ion:101 Resp: 1678

Ion Ratio Lower Upper

101 100

85 5.9 35.5 53.3#

151 5.1 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.826 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016660.D

Acq: 08 Jun 2020 15:26

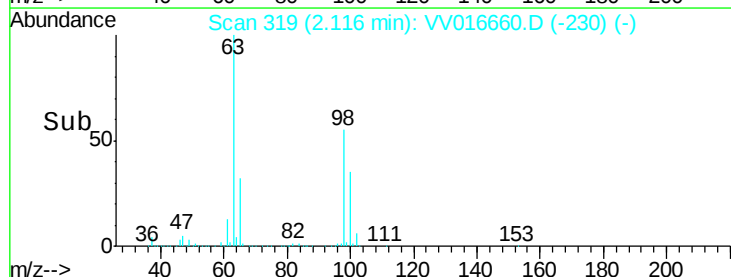
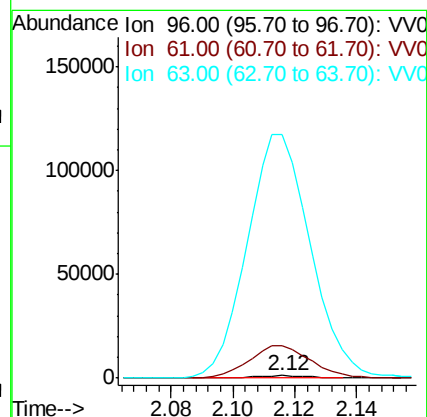
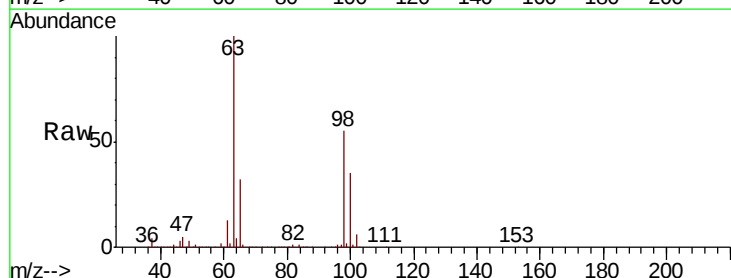
Tgt Ion: 96 Resp: 1546

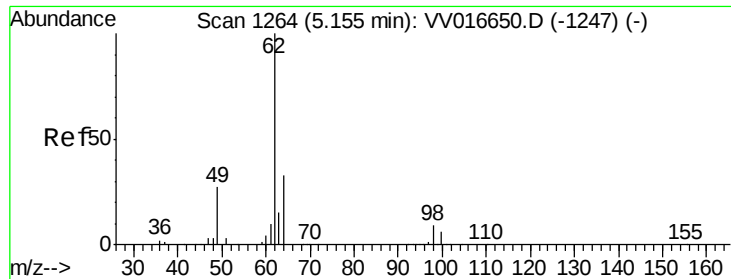
Ion Ratio Lower Upper

96 100

61 1304.4 130.4 242.2#

63 9791.0 103.3 191.9#





#27

1,2-Dichloroethane

Concen: 0.892 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016660.D

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ClientSampleId :

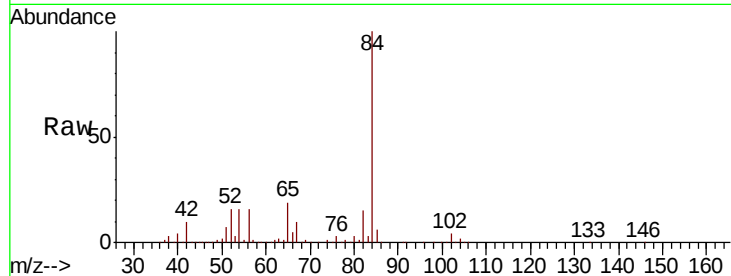
VHBLK01

Tot Ion: 62 Resp: 3691

Ion Ratio Lower Upper

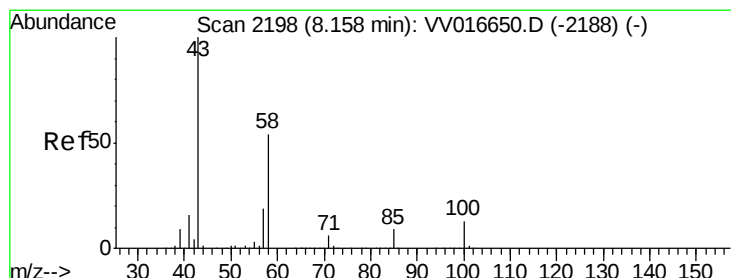
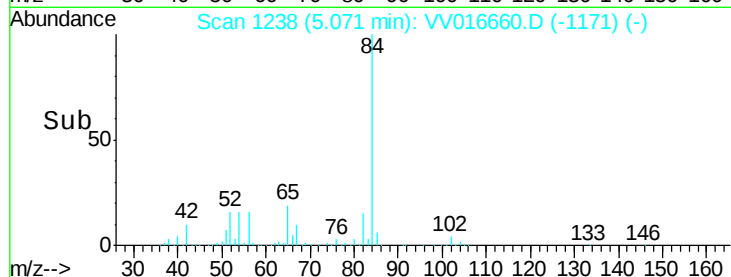
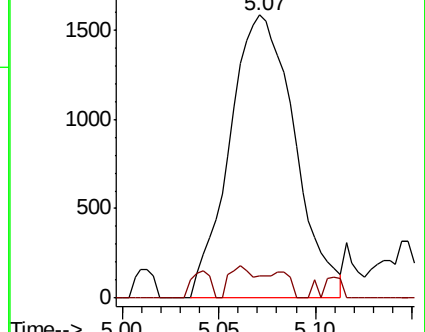
62 100

98 7.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016660.D (-1171) (-)

Ion 98.00 (97.70 to 98.70): VV016660.D (-1171) (-)



#48

2-Hexanone

Concen: 2.714 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016660.D

Acq: 08 Jun 2020 15:26

Tgt Ion: 43 Resp: 8159

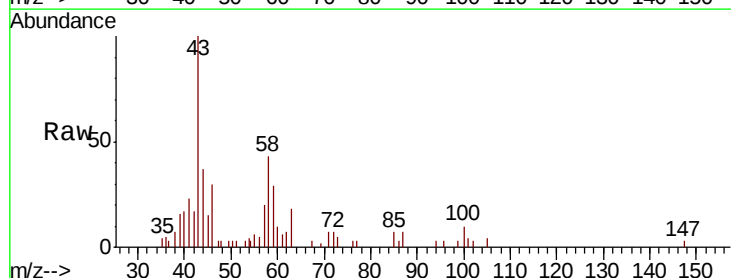
Ion Ratio Lower Upper

43 100

58 29.2 43.1 64.7#

57 22.4 15.3 22.9

100 8.1 10.0 15.0#

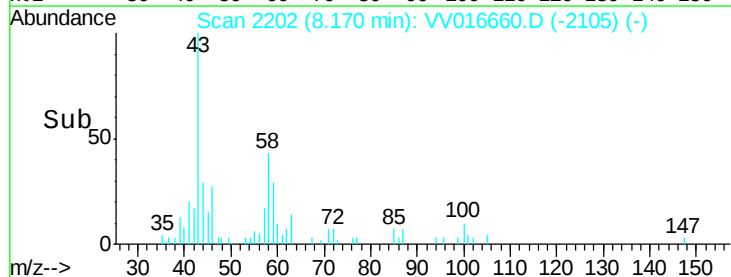
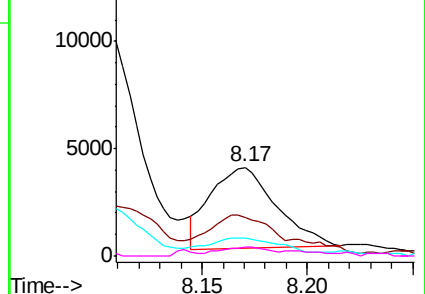


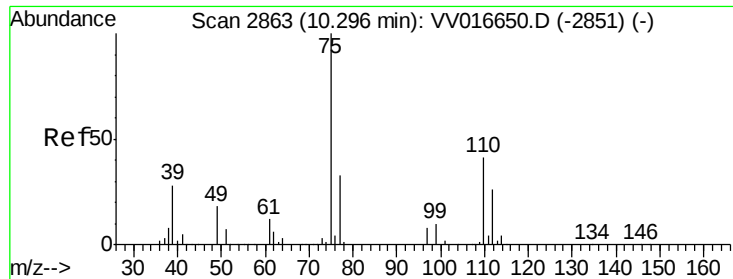
Abundance Ion 43.00 (42.70 to 43.70): VV016660.D (-2105) (-)

Ion 58.00 (57.70 to 58.70): VV016660.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV016660.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV016660.D (-2105) (-)





#59

1,2,3-Trichloropropane

Concen: 6.194 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016660.D

Acq: 08 Jun 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

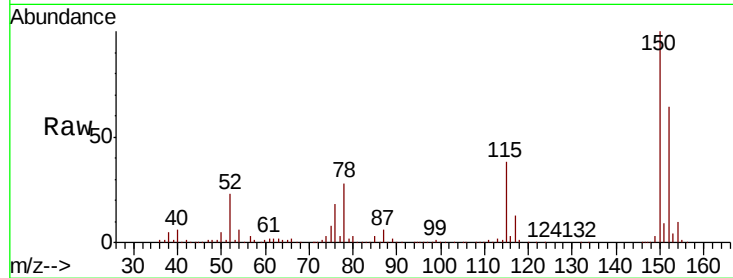
VHBLK01

Tot Ion: 75 Resp: 21029

Ion Ratio Lower Upper

75 100

77 38.0 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

