

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081320\
 Data File : VW016179.D
 Acq On : 13 Aug 2020 17:06
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 14 06:21:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 06:19:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406419	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166612	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91363	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.90	69	68346	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.76%
10) 1,1-Dichloroethene-d2	4.01	63	153061	13.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.04%
20) 2-Butanone-d5	7.09	46	58070	42.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.28%
24) Chloroform-d	7.65	84	215247	18.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.96%
26) 1,2-Dichloroethane-d4	8.31	65	115559	19.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.76%
29) Benzene-d6	8.27	84	432667	19.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.28%
33) 1,2-Dichloropropane-d6	9.28	67	127268	19.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.28%
37) Toluene-d8	10.33	98	379208	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.80%
38) trans-1,3-Dichloropropene-	10.59	79	53055	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.64%
39) 2-Hexanone-d5	10.93	63	45663	40.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113274	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	132923	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

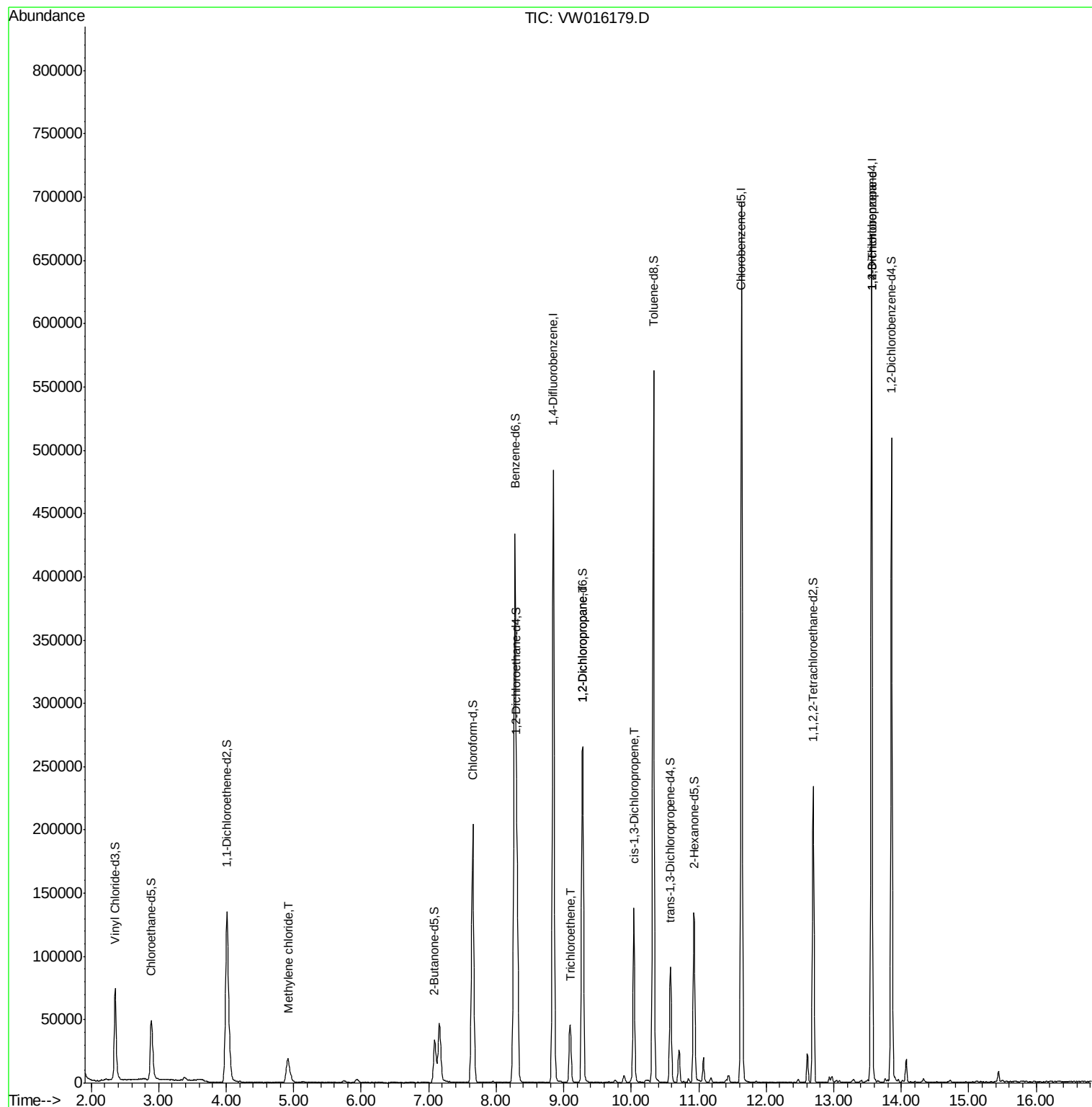
					Ovalue
16) Methylene chloride	4.92	84	17183	2.576 ug/L	92
35) Trichloroethene	9.09	95	16616	2.637 ug/L	95
40) 1,2-Dichloropropane	9.27	63	13864	2.409 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	3472	0.396 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	20061	5.009 ug/L	89

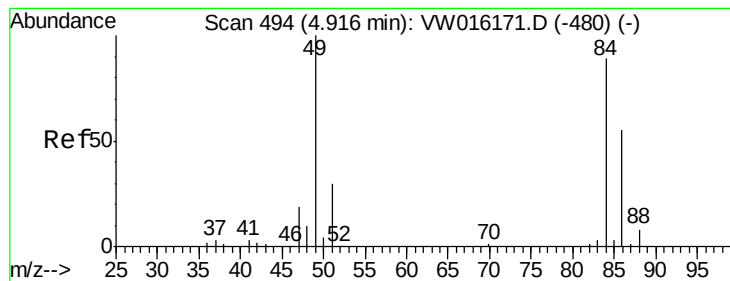
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 06:21:55 2020
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Quant Title : VOC Analysis
QLast Update : Fri Aug 14 06:19:29 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.576 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016179.D

Acq: 13 Aug 2020 17:06

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

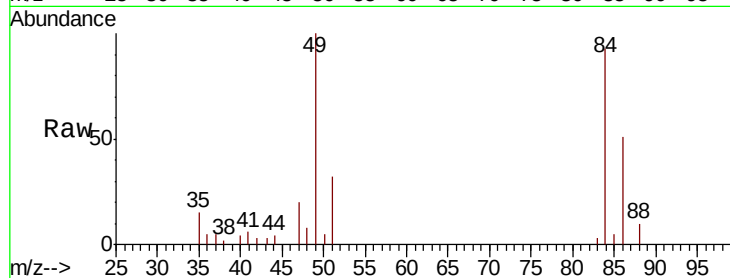
Tot Ion: 84 Resp: 17183

Ion Ratio Lower Upper

84 100

49 108.1 80.4 149.4

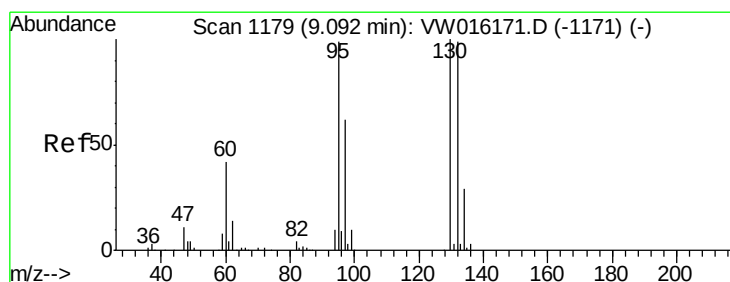
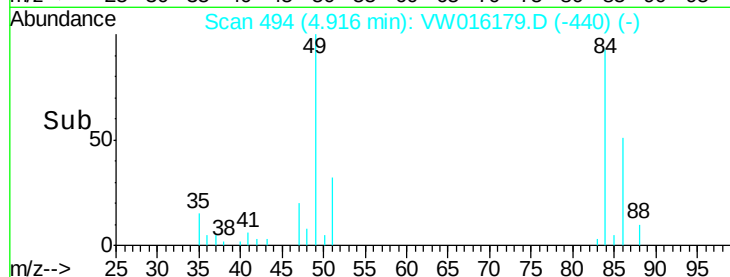
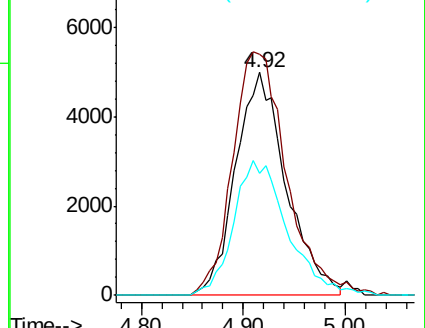
86 54.8 43.8 81.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#35

Trichloroethene

Concen: 2.637 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016179.D

Acq: 13 Aug 2020 17:06

Tgt Ion: 95 Resp: 16616

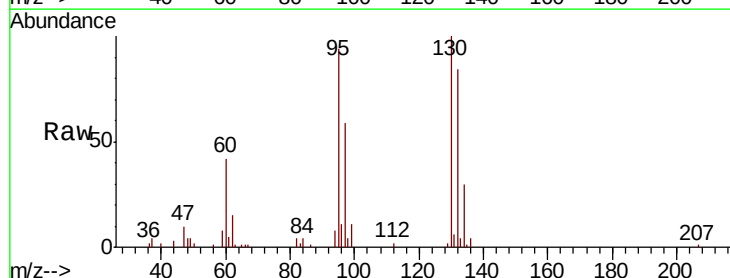
Ion Ratio Lower Upper

95 100

97 66.0 44.9 83.3

132 98.5 65.8 122.2

130 105.0 69.5 129.1

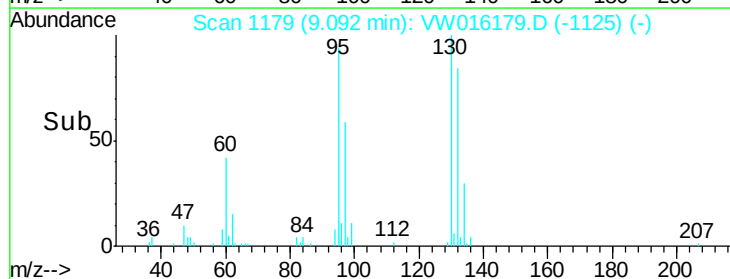
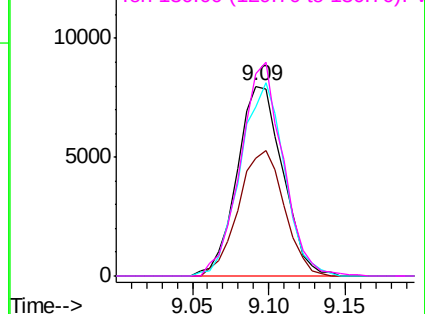


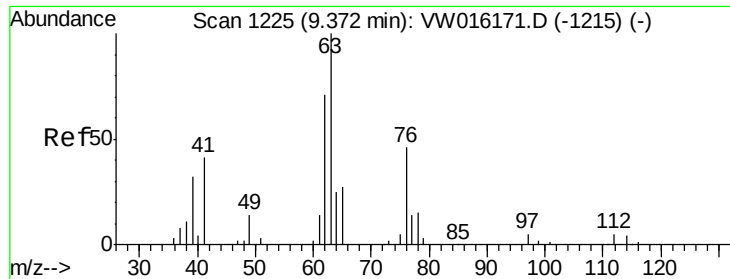
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#40

1,2-Dichloropropane

Concen: 2.409 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016179.D

Acq: 13 Aug 2020 17:06

Instrument :

MSVOA_W

ClientSampled :

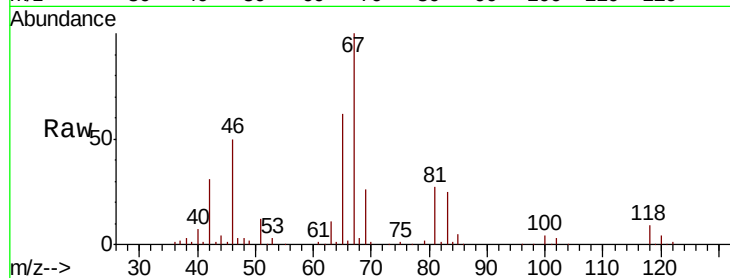
VIBLK

Tot Ion: 63 Resp: 13864

Ion Ratio Lower Upper

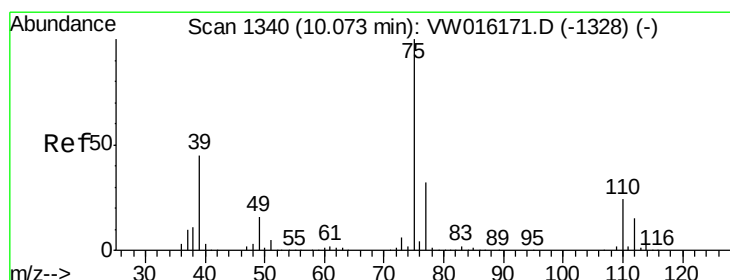
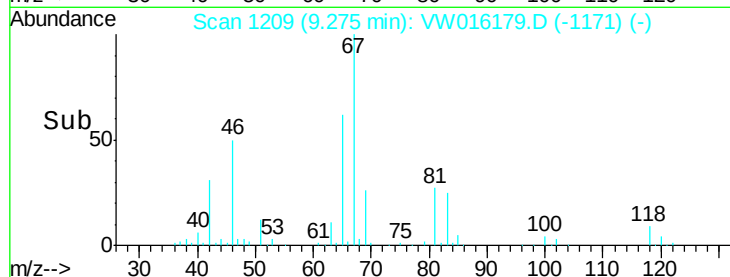
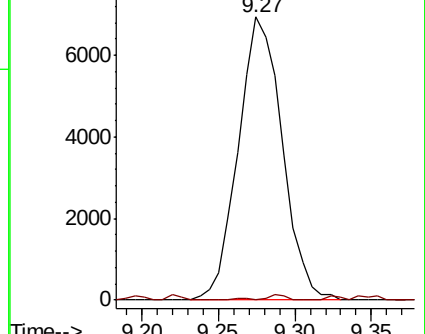
63 100

112 0.3 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.396 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW016179.D

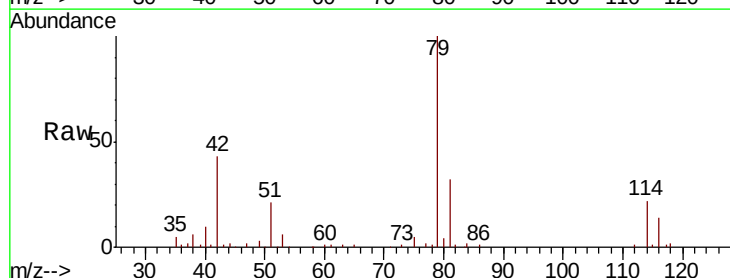
Acq: 13 Aug 2020 17:06

Tgt Ion: 75 Resp: 3472

Ion Ratio Lower Upper

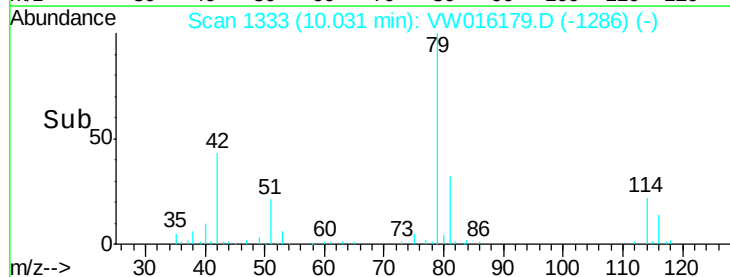
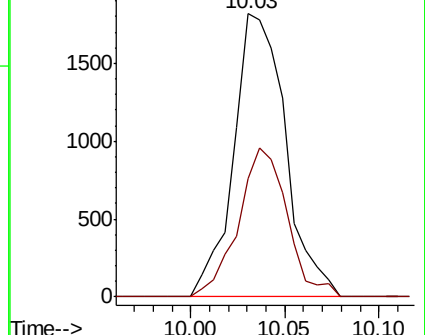
75 100

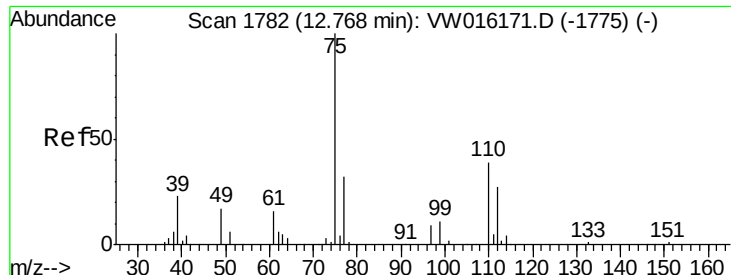
77 41.7 22.9 42.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.009 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016179.D

Acq: 13 Aug 2020 17:06

Instrument :

MSVOA_W

ClientSampleId :

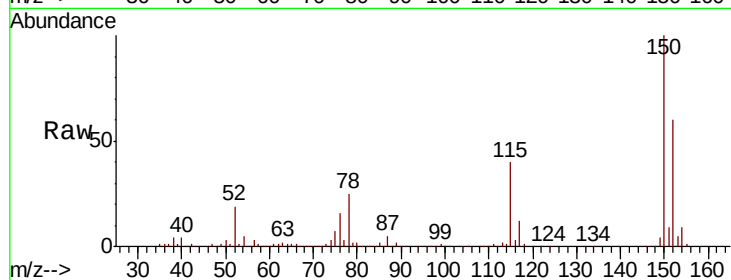
VIBLK

Tot Ion: 75 Resp: 20061

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

