

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037595.D
 Acq On : 06 Apr 2020 17:25
 Operator : JC/MD
 Sample : L2158-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 07 00:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	163638	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	154166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	72851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49760	37.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.88%
7) Chloroethane-d5	1.93	69	42985	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.52%
11) 1,1-Dichloroethene-d2	2.59	63	70716	31.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.32%
21) 2-Butanone-d5	4.66	46	98345	98.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	5.10	84	93185	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.74	65	64325	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
32) Benzene-d6	5.76	84	194474	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
36) 1,2-Dichloropropane-d6	6.72	67	65025	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.50%
41) Toluene-d8	7.92	98	175880	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	8.20	79	33220	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
47) 2-Hexanone-d5	8.65	63	74886	94.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98528	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	65964	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%

Target Compounds

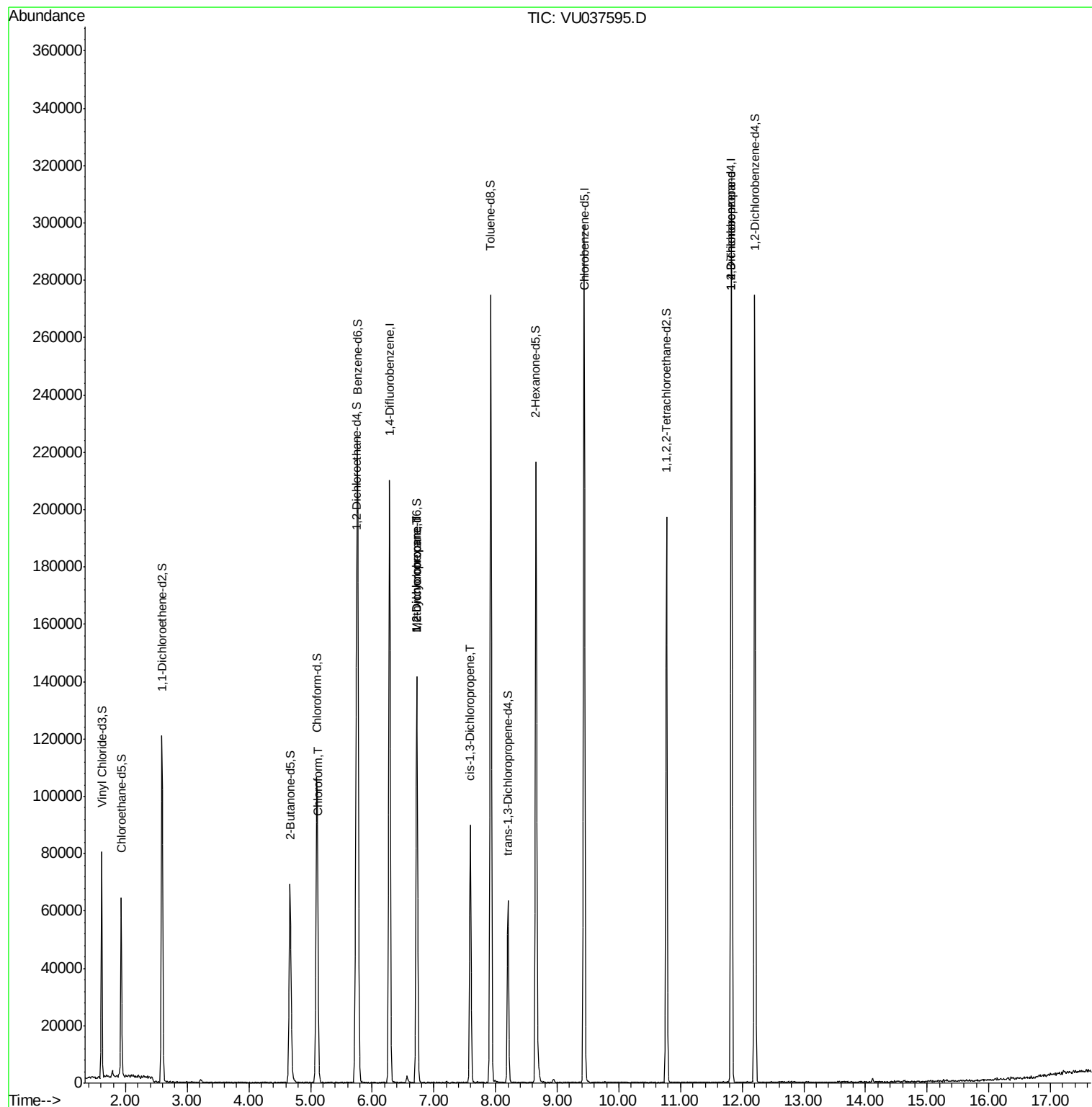
					Ovalue
25) Chloroform	5.12	83	2953	1.534 ug/L	86
35) Methylcyclohexane	6.72	83	15019	9.203 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	6896	5.992 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2365	1.316 ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	10246	6.925 ug/L	93

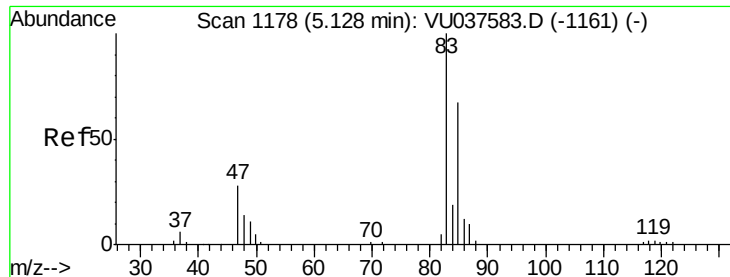
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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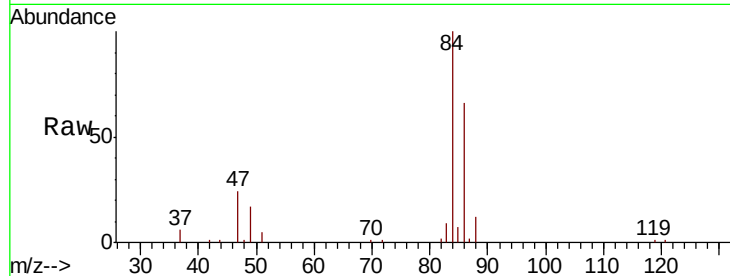




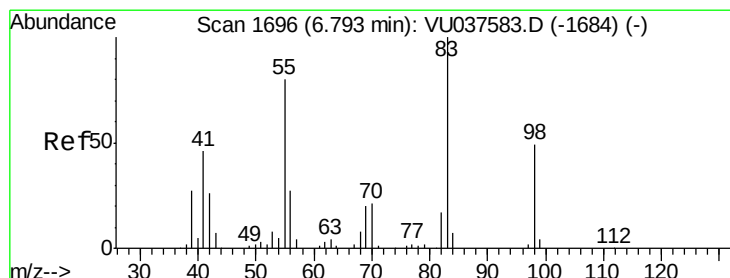
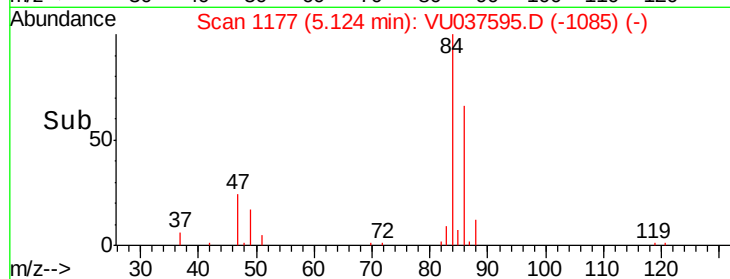
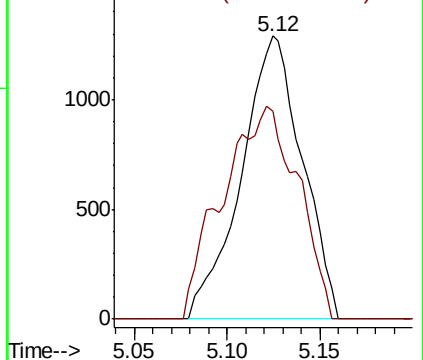
#25
Chloroform
Concen: 1.534 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037595.D
Acq: 06 Apr 2020 17:25

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tot Ion: 83 Resp: 2953
Ion Ratio Lower Upper
83 100
85 73.6 43.7 81.1

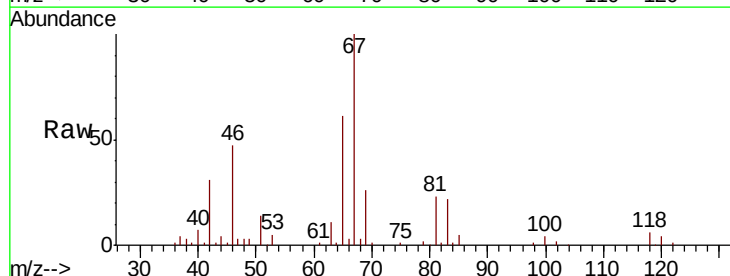


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

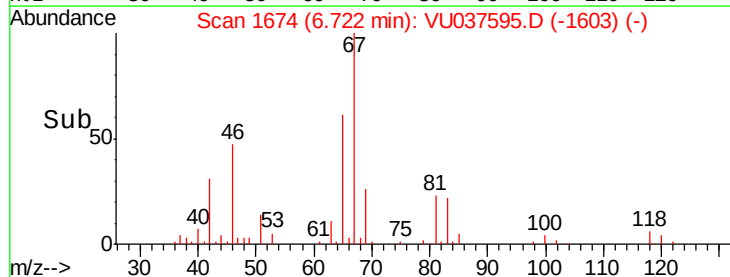
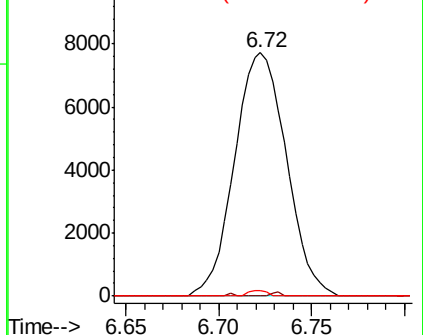


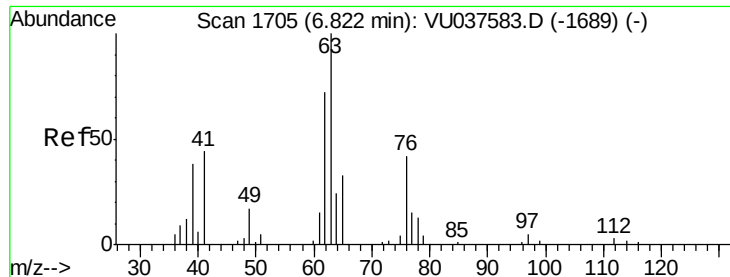
#35
Methylcyclohexane
Concen: 9.203 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037595.D
Acq: 06 Apr 2020 17:25

Tgt Ion: 83 Resp: 15019
Ion Ratio Lower Upper
83 100
55 0.3 61.1 91.7#
98 0.8 35.3 52.9#



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

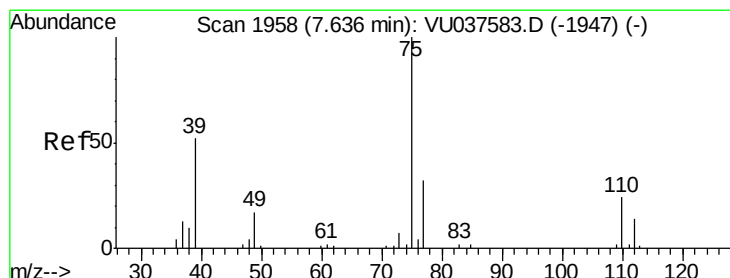
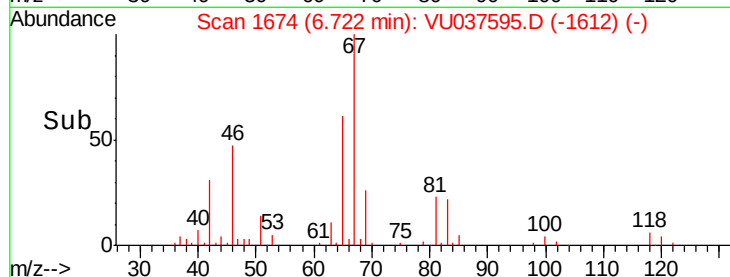
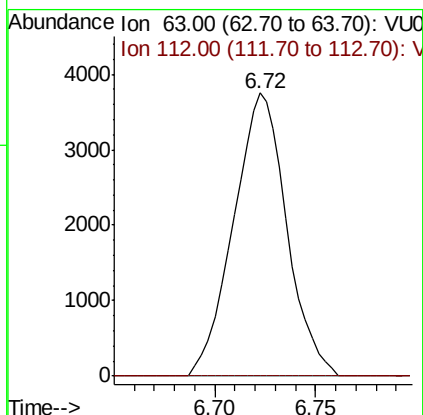
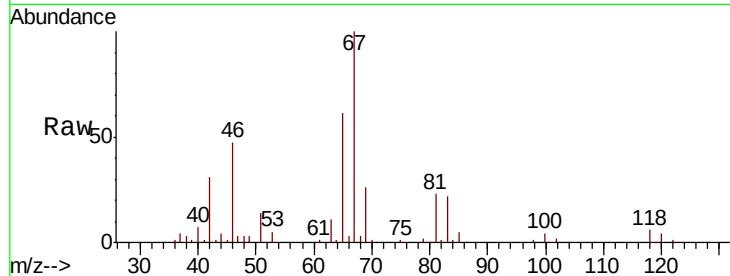




#37
 1,2-Dichloropropane
 Concen: 5.992 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037595.D
 Acq: 06 Apr 2020 17:25

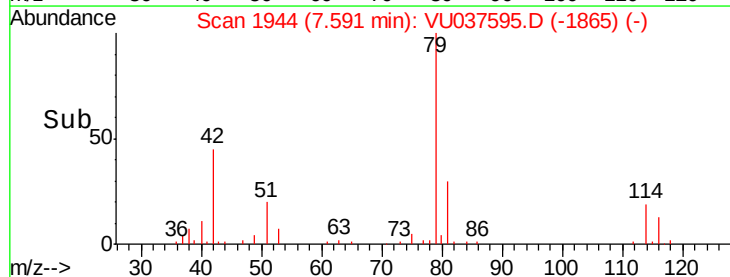
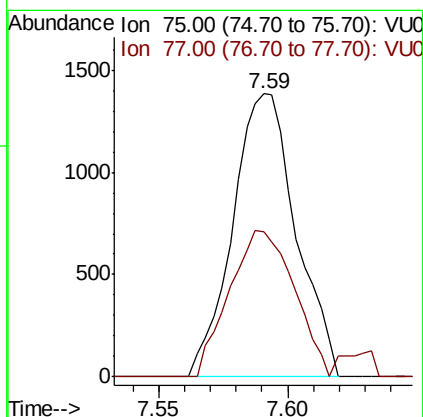
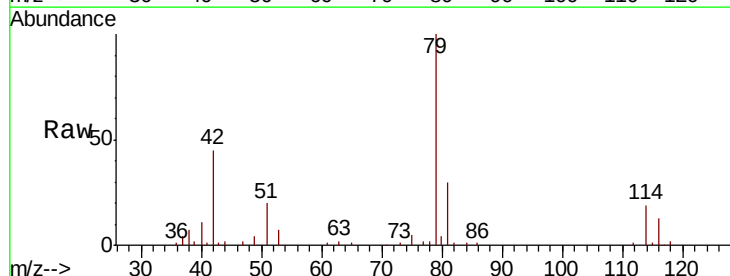
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

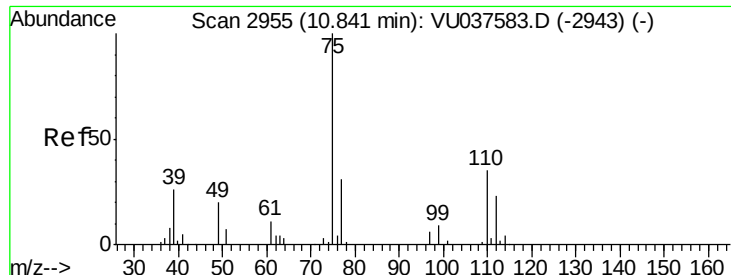
Tot Ion: 63 Resp: 6896
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.316 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037595.D
 Acq: 06 Apr 2020 17:25

Tgt Ion: 75 Resp: 2365
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 6.925 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037595.D

Acq: 06 Apr 2020 17:25

Instrument :

MSVOA_U

ClientSampleId :

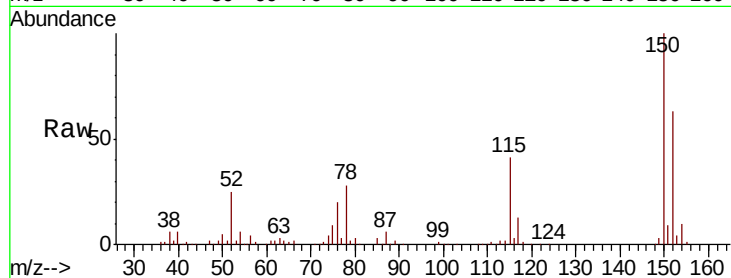
VHBLK01

Tot Ion: 75 Resp: 10246

Ion Ratio Lower Upper

75 100

77 35.7 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

