

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061620\
 Data File : VU038932.D
 Acq On : 16 Jun 2020 18:35
 Operator : SY/MD
 Sample : L3025-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 17 02:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	282341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	128837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85211	6.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.20%
7) Chloroethane-d5	1.93	69	85602	6.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.00%
11) 1,1-Dichloroethene-d2	2.59	63	139154	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.69	46	278465	55.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.32%
24) Chloroform-d	5.10	84	170585	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	102876	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.76	84	341489	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.72	67	101812	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.92	98	283245	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	41762	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.66	63	231380	54.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88586	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	113880	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

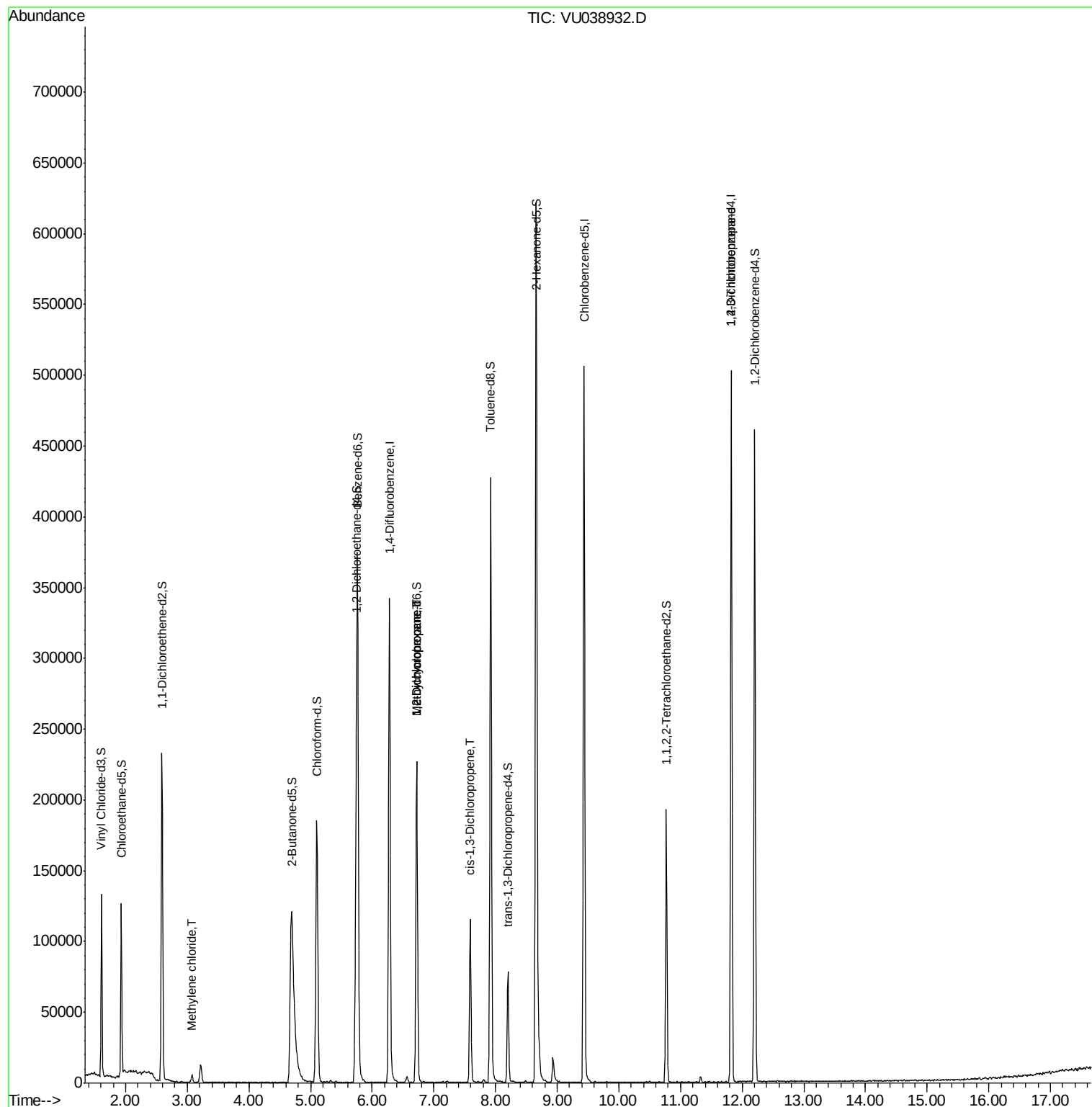
					Ovalue
16) Methylene chloride	3.08	84	2418	0.106 ug/L	90
35) Methylcyclohexane	6.72	83	25134	0.770 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11541	0.533 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2818	0.091 ug/L #	61
59) 1,2,3-Trichloropropane	11.82	75	16076	0.964 ug/L	91

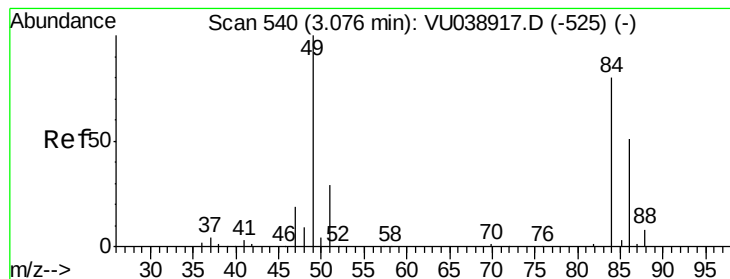
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.106 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038932.D

Acq: 16 Jun 2020 18:35

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MSVOA_U

ClientSampleId :

VHBLK01

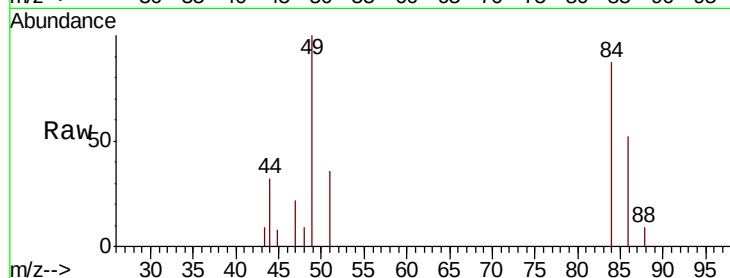
Tot Ion: 84 Resp: 2418

Ion Ratio Lower Upper

84 100

86 60.0 47.9 89.1

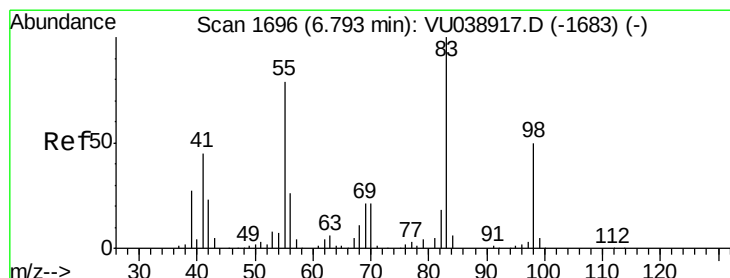
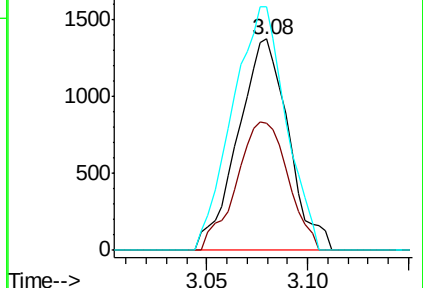
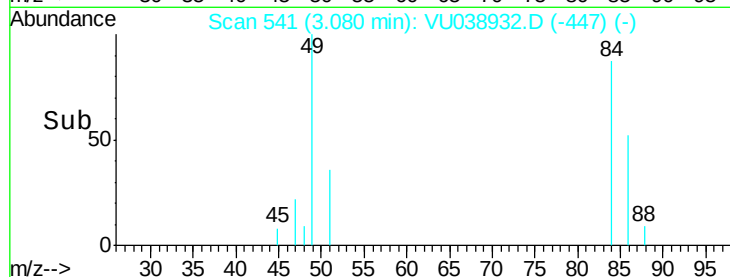
49 115.4 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU038932.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038932.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038932.D (-447) (-)



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038932.D

Acq: 16 Jun 2020 18:35

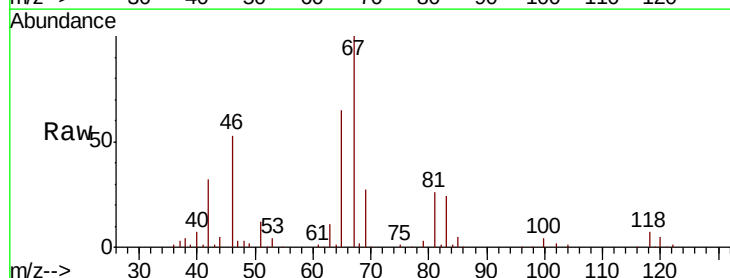
Tgt Ion: 83 Resp: 25134

Ion Ratio Lower Upper

83 100

55 0.2 63.6 95.4#

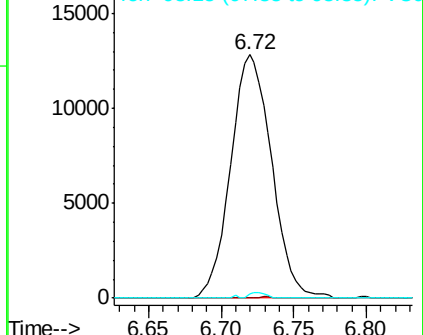
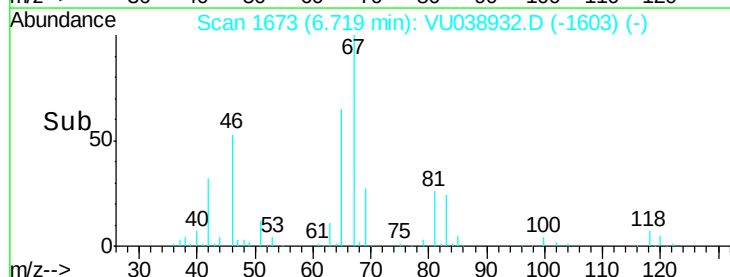
98 0.9 38.9 58.3#

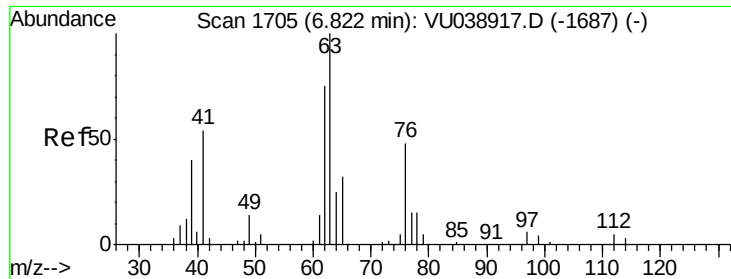


Abundance Ion 83.15 (82.85 to 83.85): VU038932.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038932.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038932.D (-1603) (-)

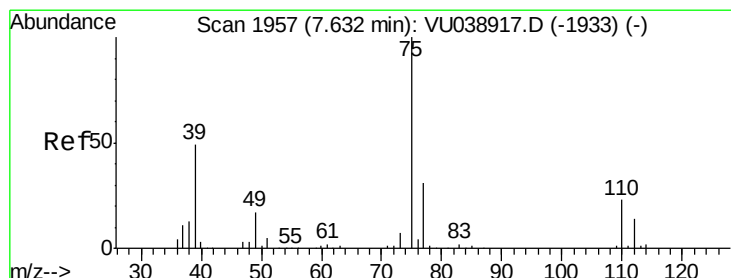
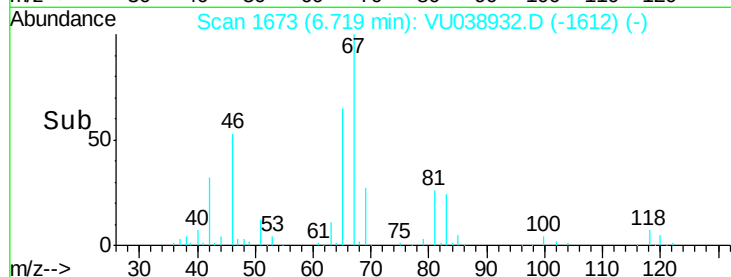
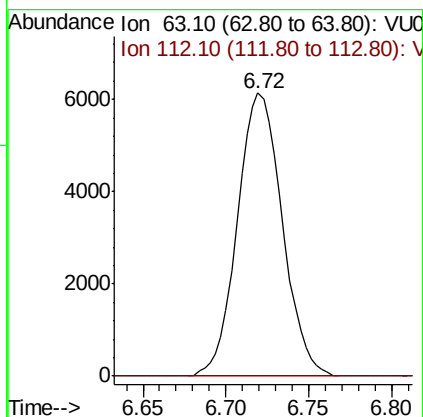
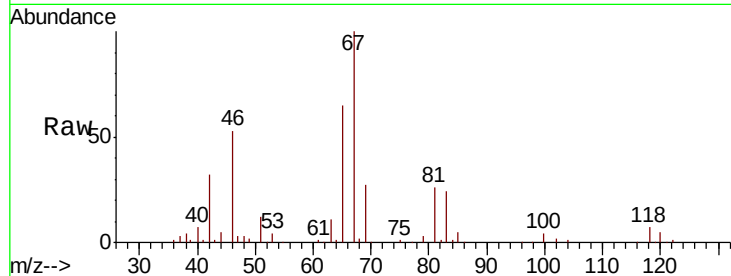




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038932.D
 Acq: 16 Jun 2020 18:35

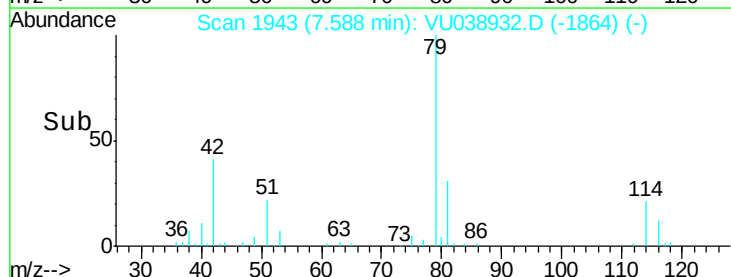
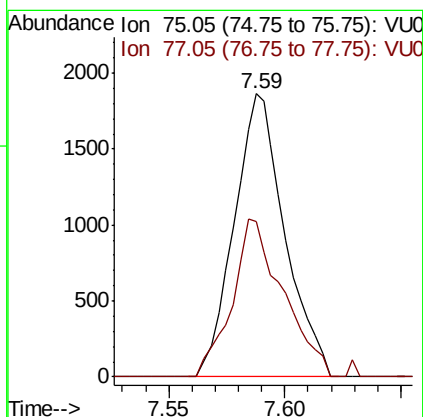
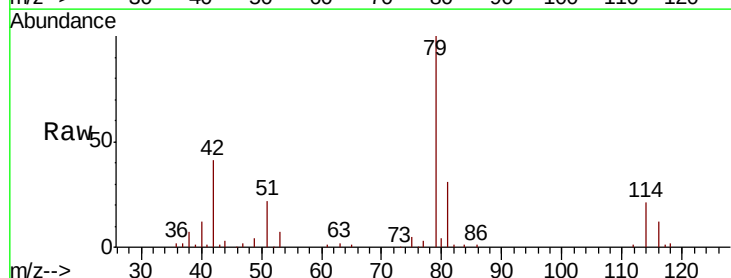
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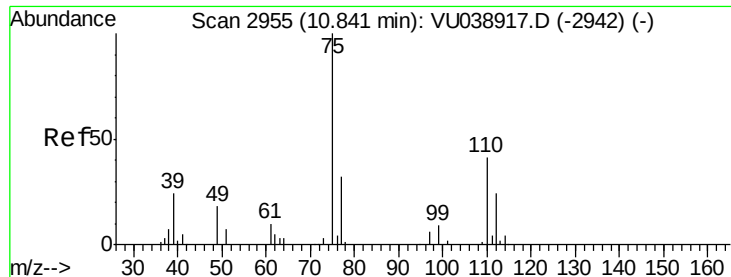
Tot Ion: 63 Resp: 11541
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038932.D
 Acq: 16 Jun 2020 18:35

Tgt Ion: 75 Resp: 2818
 Ion Ratio Lower Upper
 75 100
 77 55.0 23.0 42.6#





#59

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038932.D

Acq: 16 Jun 2020 18:35

Instrument :

MSVOA_U

ClientSampleId :

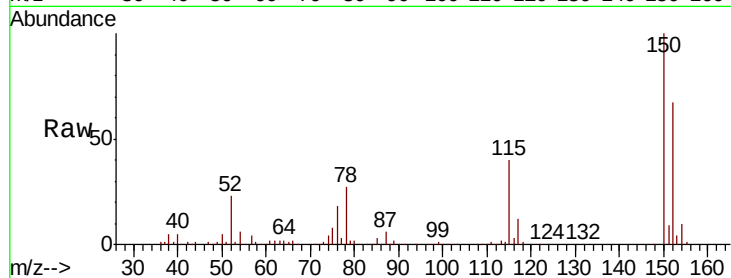
VHBLK01

Tot Ion: 75 Resp: 16076

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

