

Data File : VU031630.D
Acq On : 30 Apr 2019 13:46
Operator : JC/SP
Sample : K2586-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 01 01:42:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	616664	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	600217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	314730	60.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.96%
7) Chloroethane-d5	1.68	69	239447	60.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.08%
11) 1,1-Dichloroethene-d2	2.27	63	452838	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
21) 2-Butanone-d5	4.19	46	506996	108.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.42%
24) Chloroform-d	4.64	84	501999	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
26) 1,2-Dichloroethane-d4	5.31	65	348956	56.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.02%
32) Benzene-d6	5.34	84	960521	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
36) 1,2-Dichloropropane-d6	6.32	67	350255	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.02%
41) Toluene-d8	7.56	98	785491	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%
43) trans-1,3-Dichloropropene-	7.85	79	133282	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.76%
47) 2-Hexanone-d5	8.31	63	265410	94.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	428540	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	226532	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

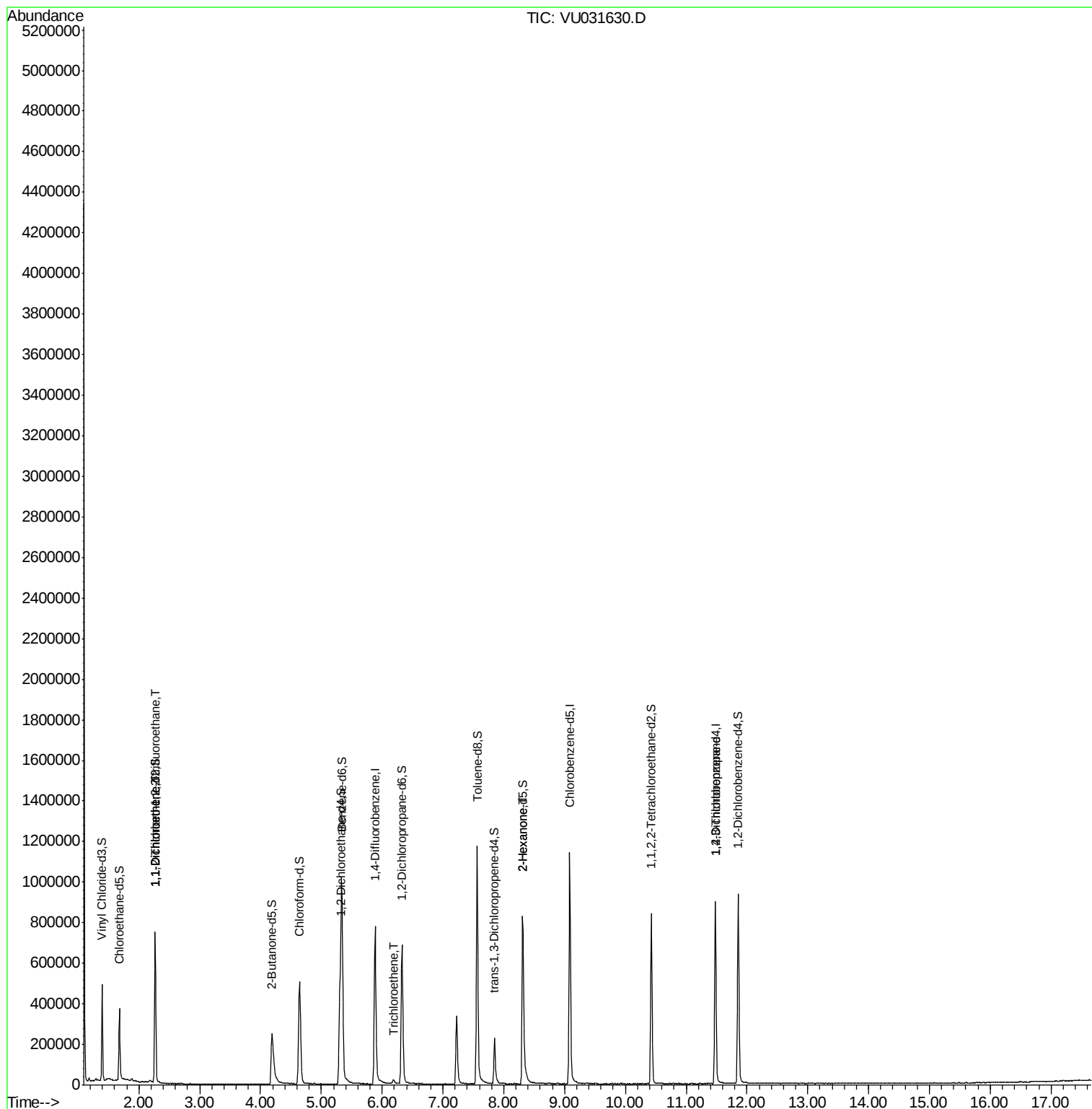
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3626	0.734 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2835	0.589 ug/L #	1
34) Trichloroethene	6.19	95	5094	0.952 ug/L	97
48) 2-Hexanone	8.31	43	37968	4.870 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	30478	4.103 ug/L	89

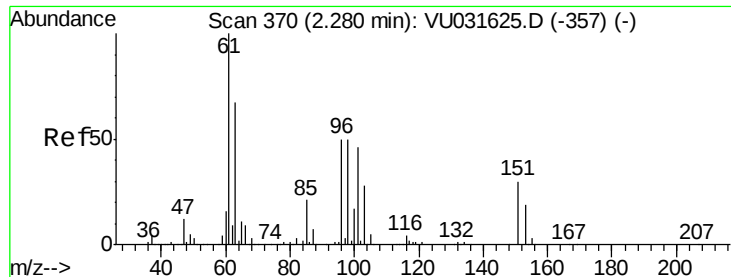
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.734 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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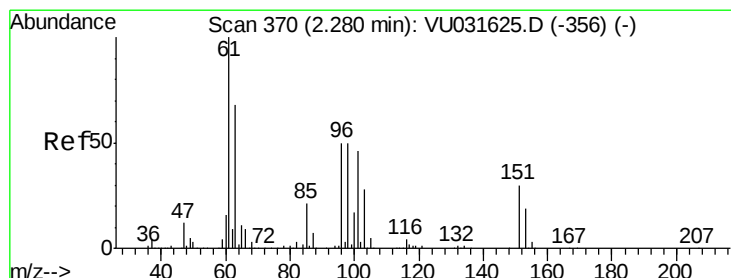
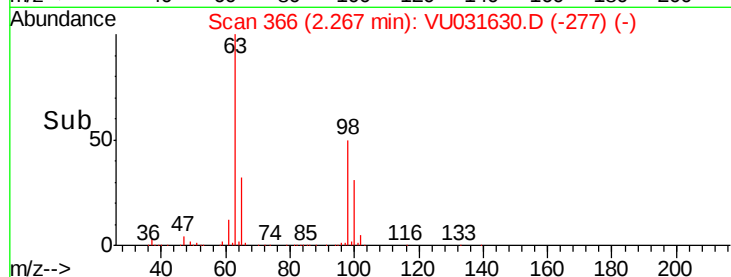
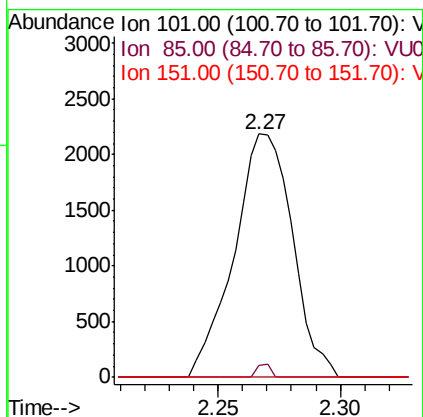
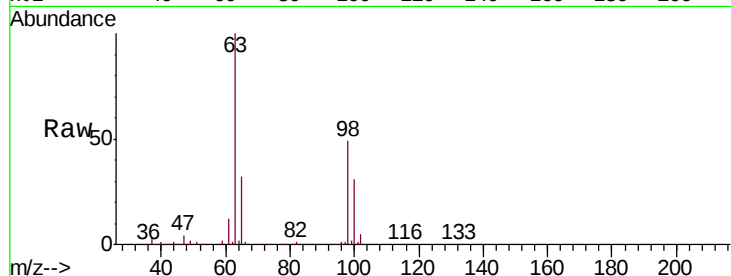
Tgt Ion: 101 Resp: 3626

Ion Ratio Lower Upper

101 100

85 1.2 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031630.D

Acq: 30 Apr 2019 13:46

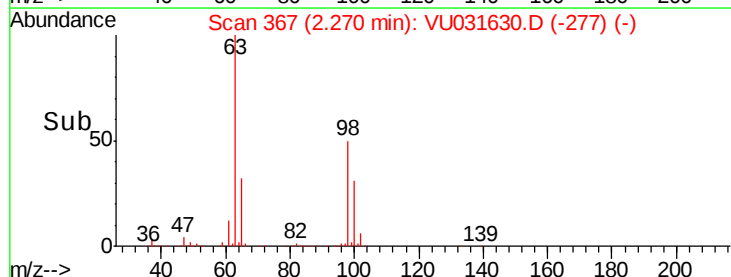
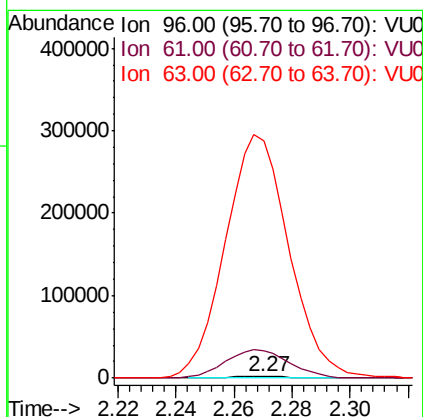
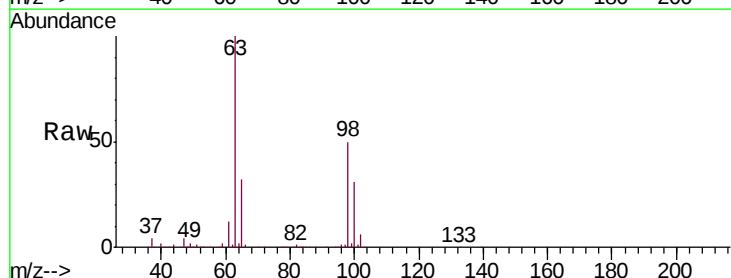
Tgt Ion: 96 Resp: 2835

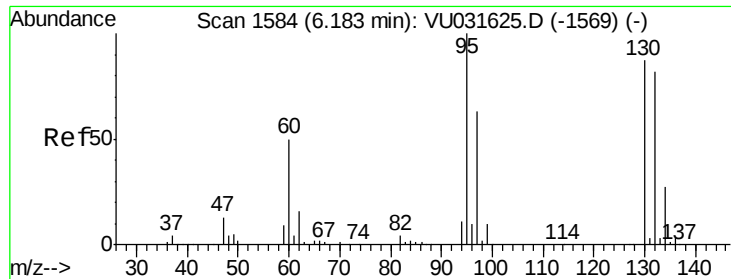
Ion Ratio Lower Upper

96 100

61 1686.1 135.0 250.6#

63 14420.8 103.5 192.3#





#34

Trichloroethene

Concen: 0.952 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031630.D

Acq: 30 Apr 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 5094

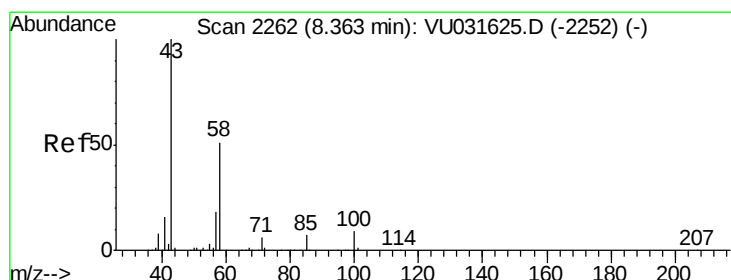
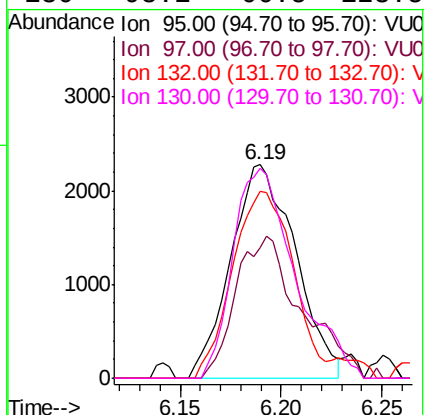
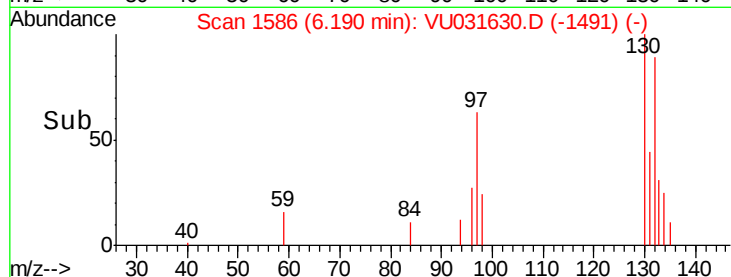
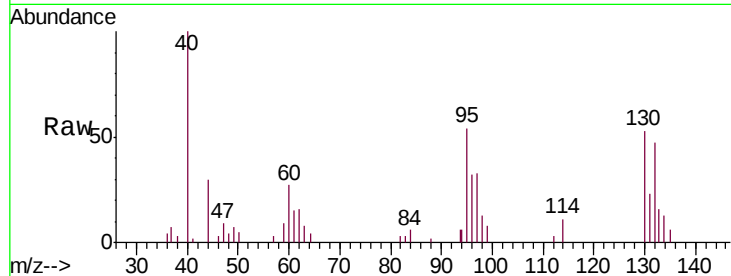
Ion Ratio Lower Upper

95 100

97 61.4 44.8 83.2

132 87.7 63.1 117.1

130 98.1 66.5 123.5



#48

2-Hexanone

Concen: 4.870 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

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Acq: 30 Apr 2019 13:46

Tgt Ion: 43 Resp: 37968

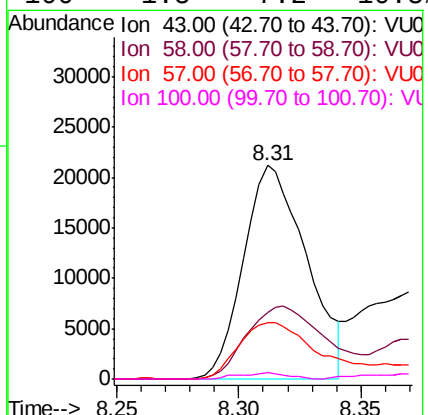
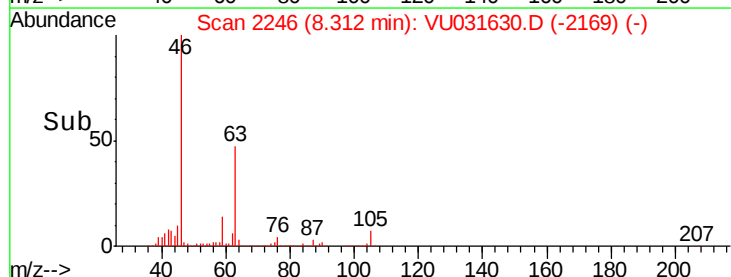
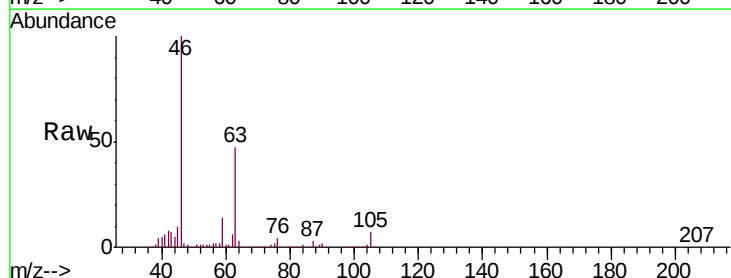
Ion Ratio Lower Upper

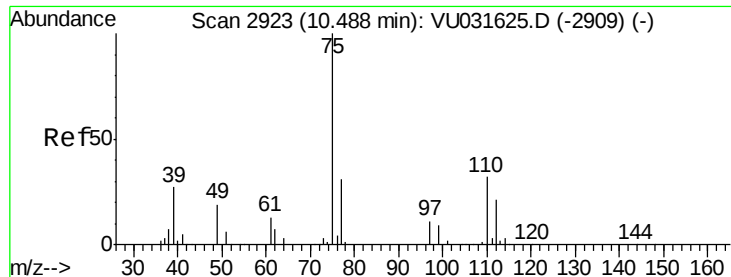
43 100

58 42.7 42.1 63.1

57 33.3 14.6 22.0#

100 1.5 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.103 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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Instrument :

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ClientSampleId :

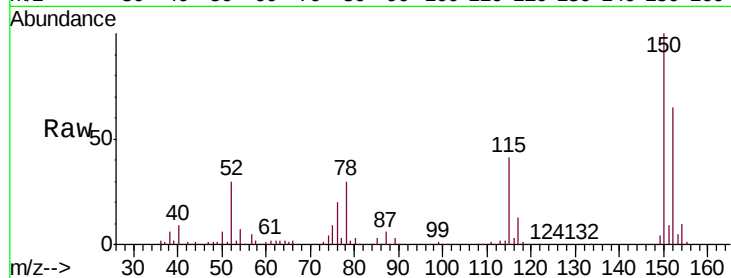
VHBLK01

Tgt Ion: 75 Resp: 30478

Ion Ratio Lower Upper

75 100

77 38.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

