

Data File : VU035644.D
Acq On : 06 Nov 2019 14:02
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Nov 07 04:50:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	629400	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	604093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	173467	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	168129	33.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.14%
7) Chloroethane-d5	1.93	69	159076	39.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.36%
11) 1,1-Dichloroethene-d2	2.59	63	228099	28.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.70%#
21) 2-Butanone-d5	4.69	46	285101	96.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.01%
24) Chloroform-d	5.11	84	358371	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.75	65	222165	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
32) Benzene-d6	5.77	84	729611	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.73	67	243288	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.93	98	656065	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%
43) trans-1,3-Dichloropropene-	8.21	79	109129	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.78%
47) 2-Hexanone-d5	8.68	63	174245	89.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.03%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	337137	46.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.86%
64) 1,2-Dichlorobenzene-d4	12.22	152	175486	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

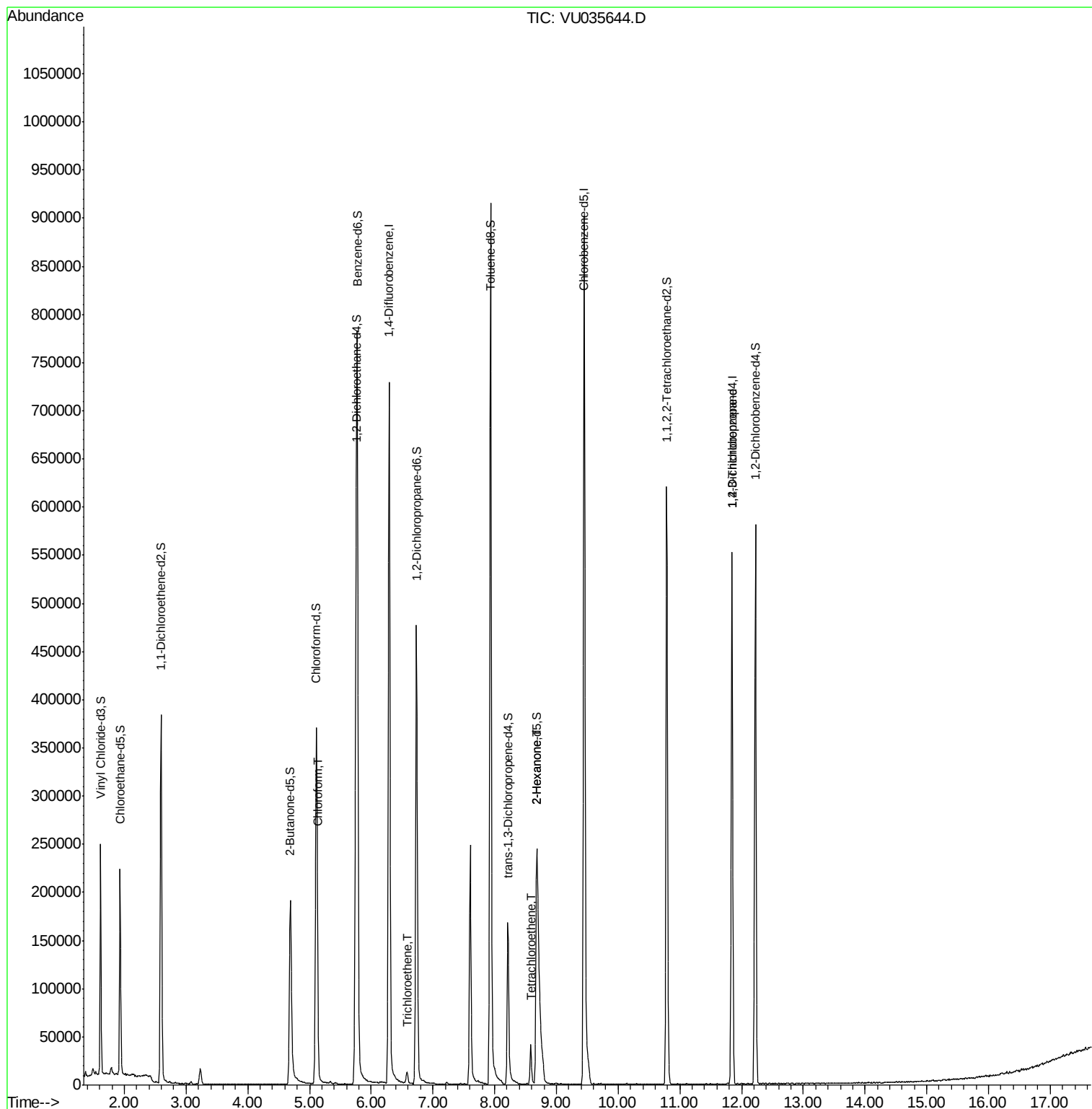
Target Compounds					Qvalue
25) Chloroform	5.14	83	7857	0.991 ug/L	96
34) Trichloroethene	6.58	95	3594	0.833 ug/L	87
46) Tetrachloroethene	8.58	164	10547	2.922 ug/L	96
48) 2-Hexanone	8.68	43	13744	2.779 ug/L #	41
59) 1,2,3-Trichloropropane	11.84	75	17495	2.951 ug/L	92

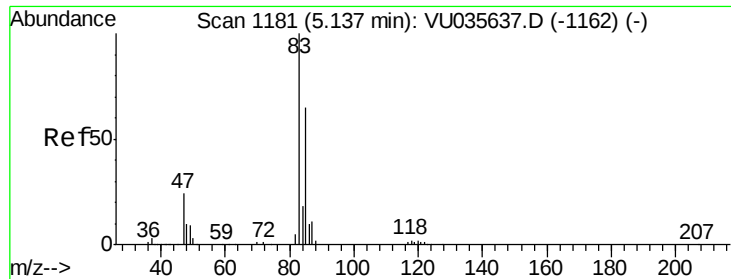
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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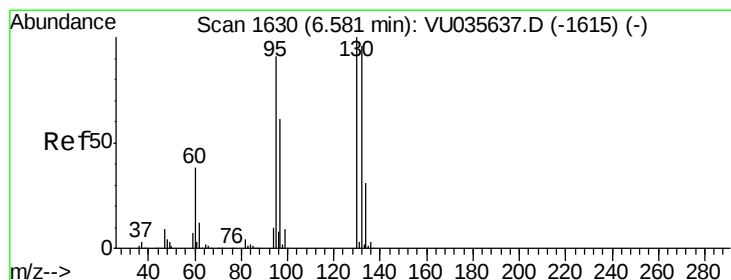
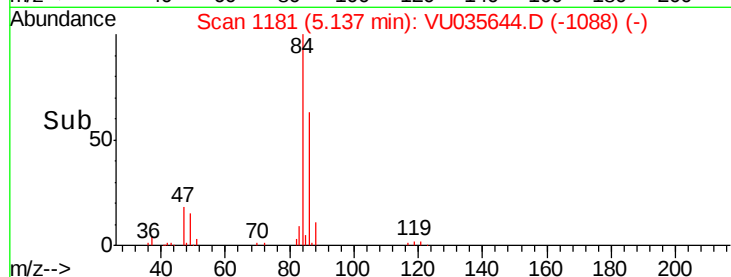
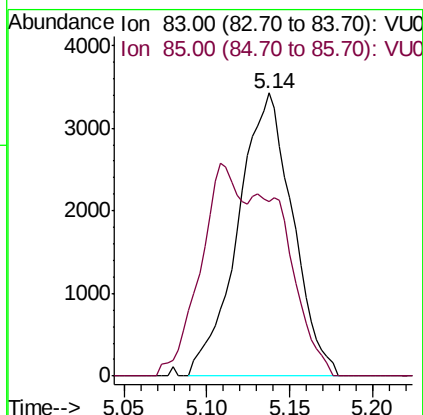
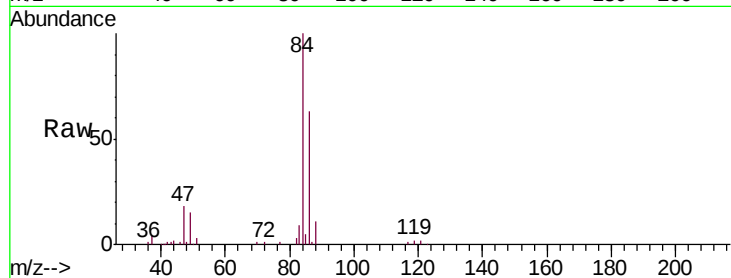




#25
Chloroform
Concen: 0.991 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035644.D
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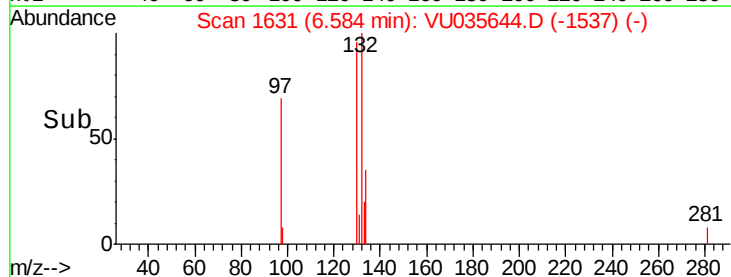
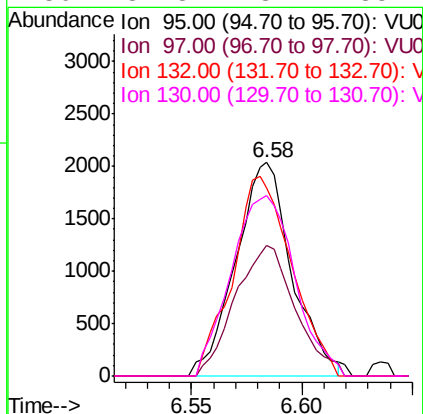
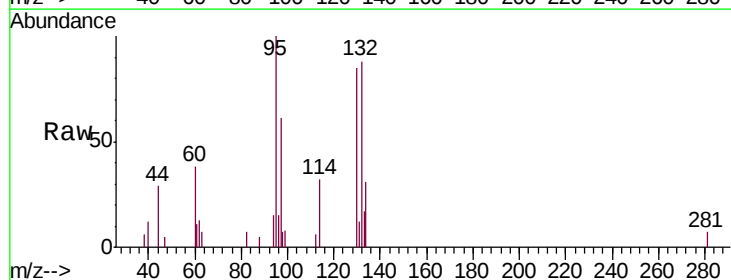
Instrument :
MSVOA_U
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VIBLK40

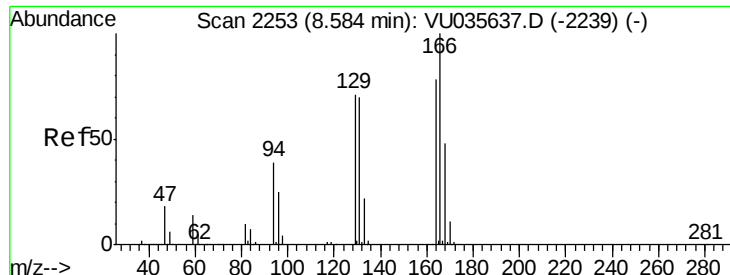
Tgt Ion: 83 Resp: 7857
Ion Ratio Lower Upper
83 100
85 61.8 45.4 84.4



#34
Trichloroethene
Concen: 0.833 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035644.D
Acq: 06 Nov 2019 14:02

Tgt Ion: 95 Resp: 3594
Ion Ratio Lower Upper
95 100
97 60.9 45.6 84.6
132 88.2 69.9 129.7
130 84.8 73.1 135.7





#46

Tetrachloroethene

Concen: 2.922 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035644.D

Acq: 06 Nov 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion:164 Resp: 10547

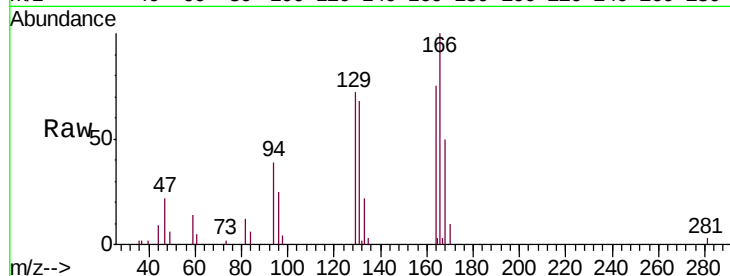
Ion Ratio Lower Upper

164 100

129 95.8 64.1 119.1

131 89.8 63.1 117.1

166 132.5 88.5 164.3



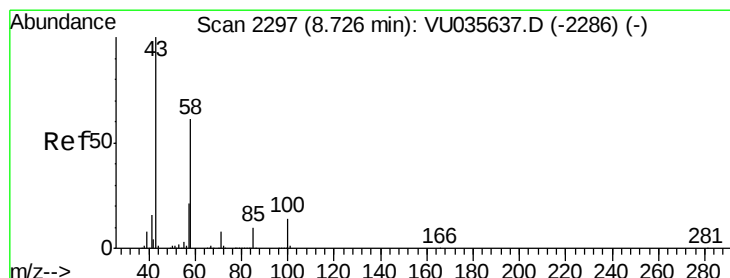
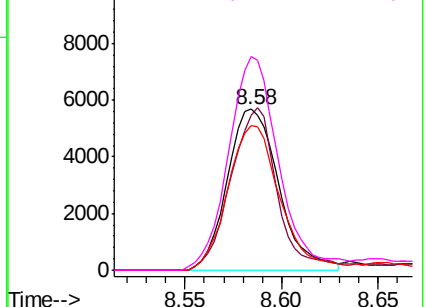
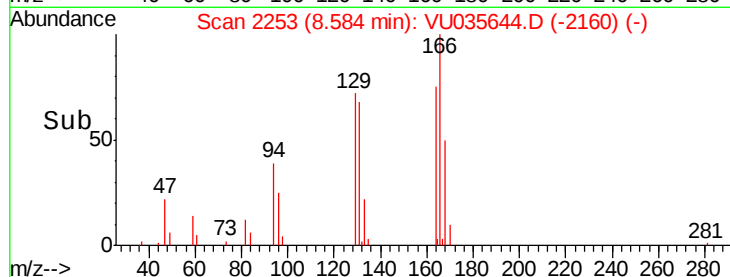
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.779 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.05 min

Lab File: VU035644.D

Acq: 06 Nov 2019 14:02

Tgt Ion: 43 Resp: 13744

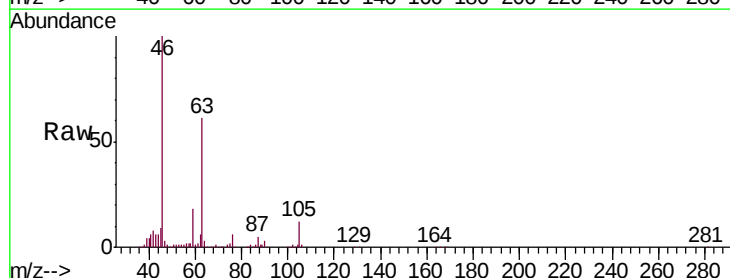
Ion Ratio Lower Upper

43 100

58 0.0 50.4 75.6#

57 28.0 17.4 26.0#

100 1.1 10.5 15.7#



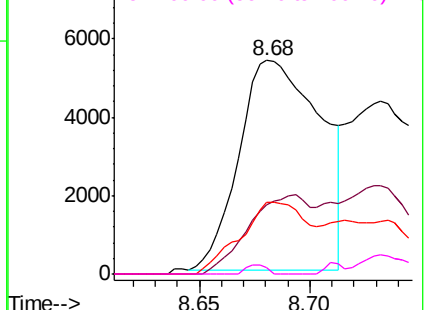
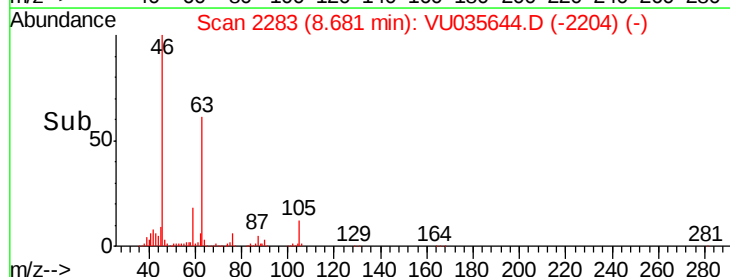
Abundance

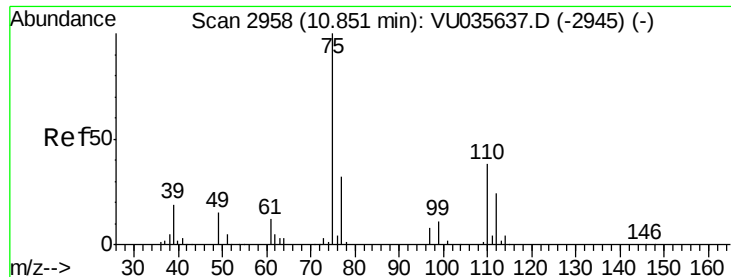
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 2.951 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

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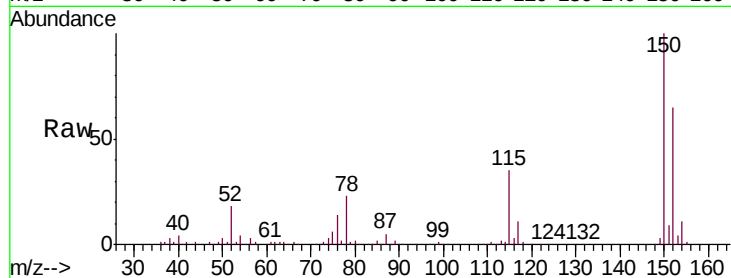
VIBLK40

Tgt Ion: 75 Resp: 17495

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

