

Data File : VU035579.D
Acq On : 30 Oct 2019 22:29
Operator : JC/SP
Sample : K5538-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 31 00:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	688950	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	668586	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	211714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	281802	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.28%
7) Chloroethane-d5	1.93	69	233320	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.59	63	337467	39.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.00%
21) 2-Butanone-d5	4.70	46	344810	106.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	5.11	84	433145	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.75	65	273943	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
32) Benzene-d6	5.77	84	941789	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.08%
36) 1,2-Dichloropropane-d6	6.74	67	299803	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.10%
41) Toluene-d8	7.93	98	849667	51.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.38%
43) trans-1,3-Dichloropropene-	8.22	79	130309	50.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.10%
47) 2-Hexanone-d5	8.68	63	224970	103.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	400704	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	12.22	152	234650	54.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.90%

Target Compounds

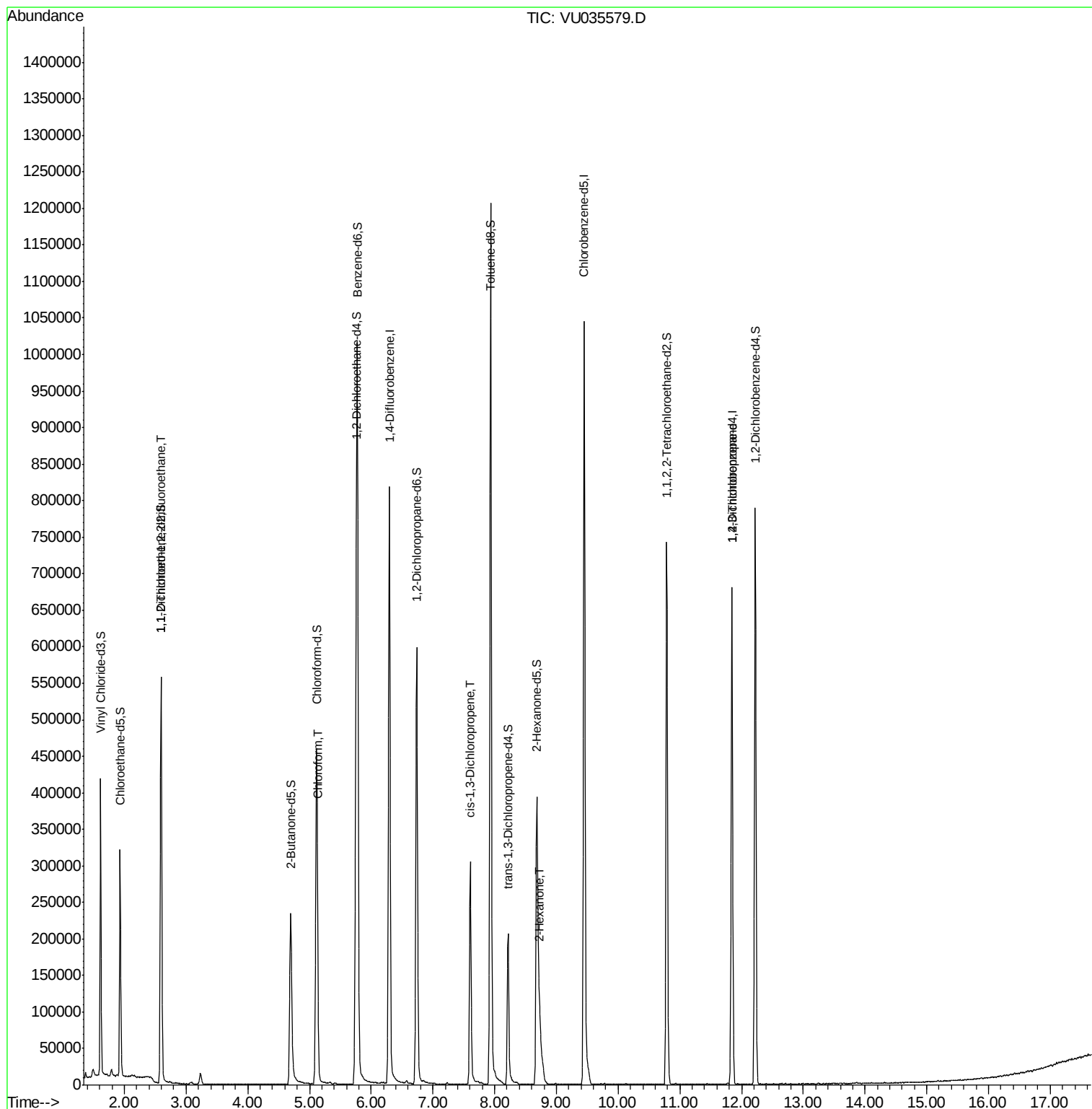
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3221	0.752	ug/L #	20
25) Chloroform	5.14	83	7655	0.882	ug/L	83
39) cis-1,3-Dichloropropene	7.60	75	7474	0.999	ug/L #	58
48) 2-Hexanone	8.73	43	17594	3.214	ug/L #	84
59) 1,2,3-Trichloropropane	11.84	75	23715	3.615	ug/L	97

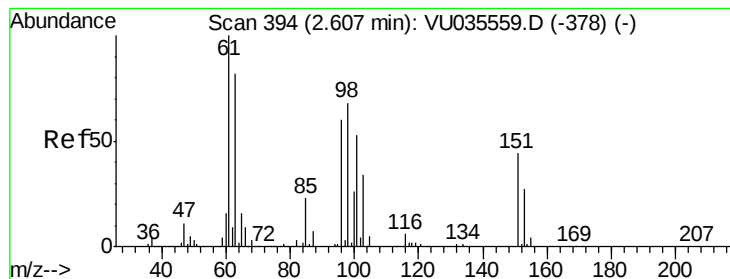
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.752 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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Acq: 30 Oct 2019 22:29

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

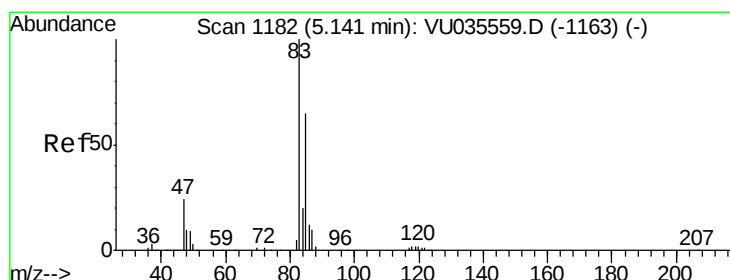
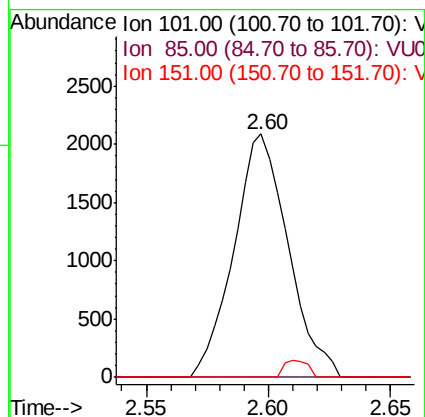
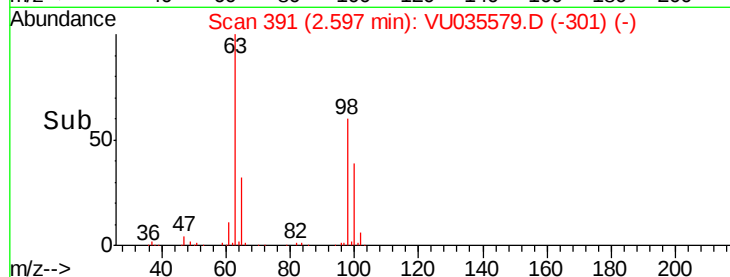
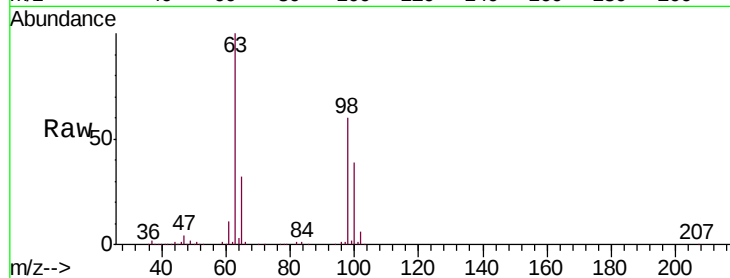
Tgt Ion: 101 Resp: 3221

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

151 3.1 64.2 96.4#



#25

Chloroform

Concen: 0.882 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035579.D

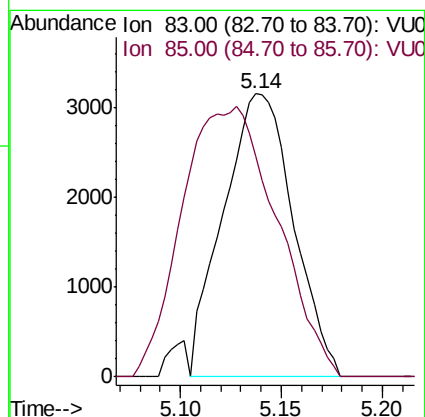
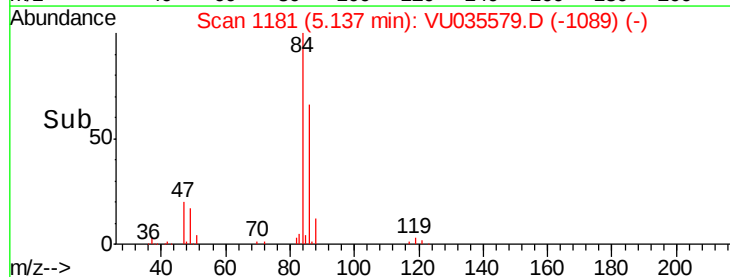
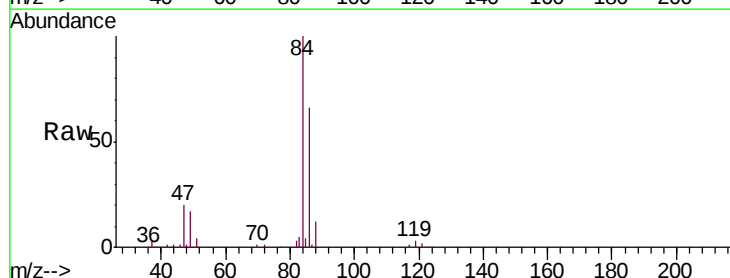
Acq: 30 Oct 2019 22:29

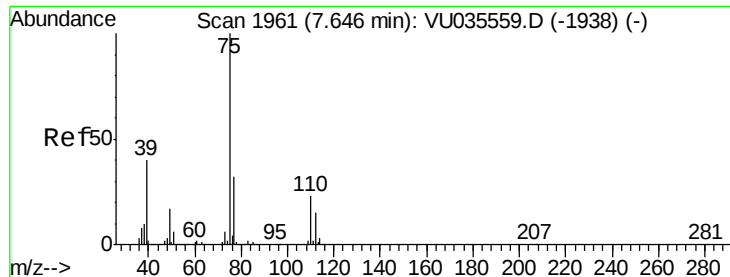
Tgt Ion: 83 Resp: 7655

Ion Ratio Lower Upper

83 100

85 78.0 45.4 84.4





#39

cis-1,3-Dichloropropene

Concen: 0.999 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035579.D

Acq: 30 Oct 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

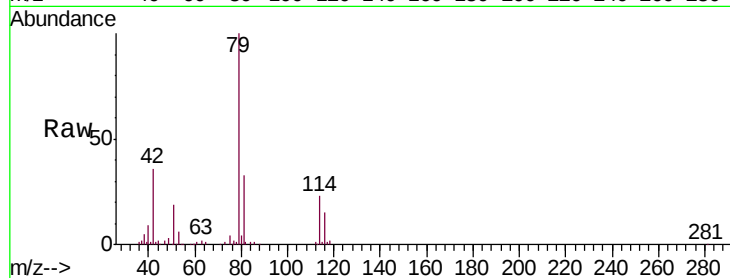
VHBLK01

Tgt Ion: 75 Resp: 7474

Ion Ratio Lower Upper

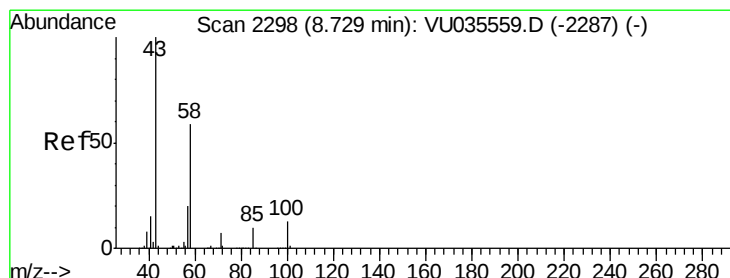
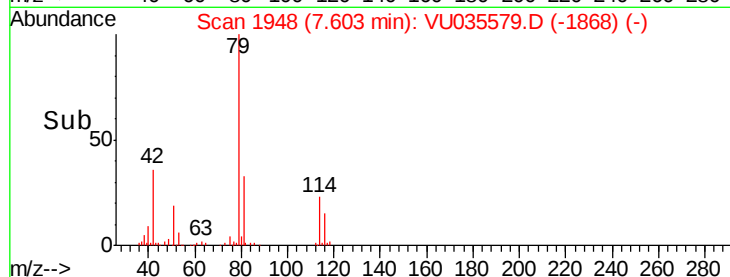
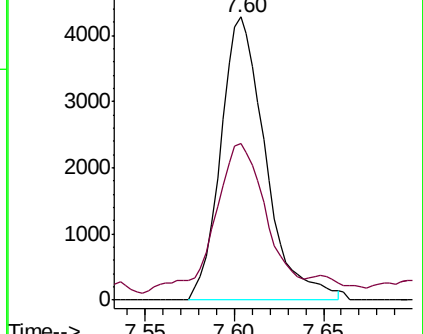
75 100

77 55.3 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU035559.D (-1938) (-)

Ion 77.00 (76.70 to 77.70): VU035559.D (-1938) (-)



#48

2-Hexanone

Concen: 3.214 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VU035579.D

Acq: 30 Oct 2019 22:29

Tgt Ion: 43 Resp: 17594

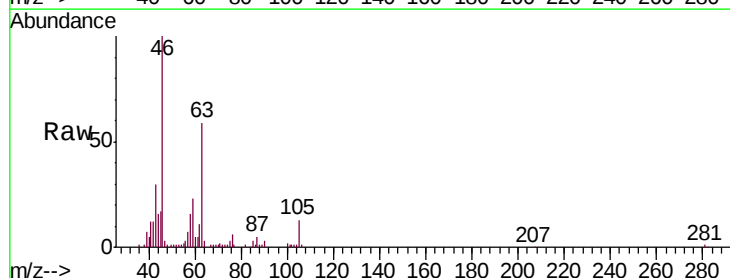
Ion Ratio Lower Upper

43 100

58 66.3 50.4 75.6

57 0.0 17.4 26.0#

100 3.7 10.5 15.7#

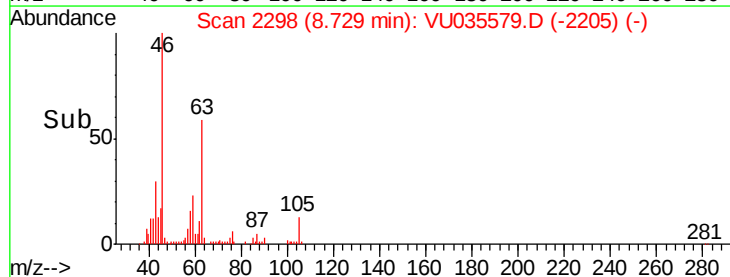
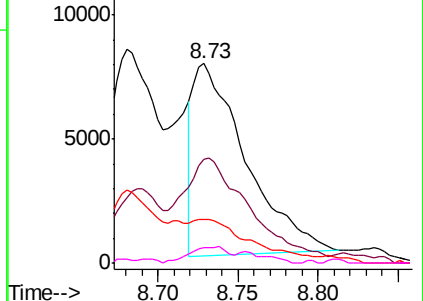


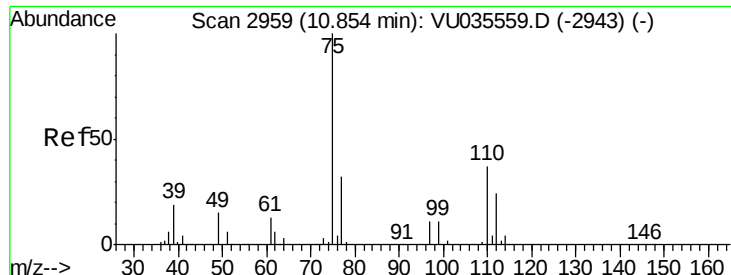
Abundance Ion 43.00 (42.70 to 43.70): VU035559.D (-2287) (-)

Ion 58.00 (57.70 to 58.70): VU035559.D (-2287) (-)

Ion 57.00 (56.70 to 57.70): VU035559.D (-2287) (-)

Ion 100.00 (99.70 to 100.70): VU035559.D (-2287) (-)





#59

1,2,3-Trichloropropane

Concen: 3.615 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035579.D

Acq: 30 Oct 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

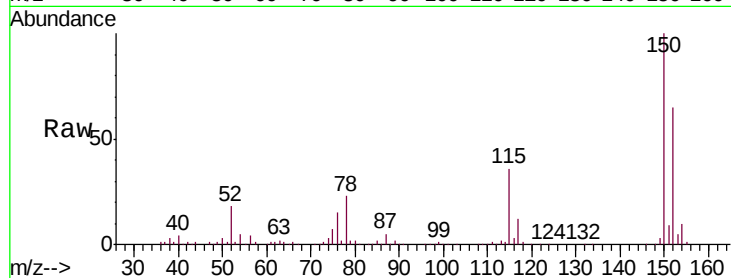
VHBLK01

Tgt Ion: 75 Resp: 23715

Ion Ratio Lower Upper

75 100

77 33.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

