

Data File : VU034581.D
Acq On : 16 Sep 2019 22:26
Operator : JC/SP
Sample : VU0916WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK31

Quant Time: Sep 17 05:03:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	279319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	261503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	106193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66197	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.24%
7) Chloroethane-d5	1.67	69	56375	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.78%
11) 1,1-Dichloroethene-d2	2.32	63	256	0.09	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.18%#
21) 2-Butanone-d5	4.15	46	167858	110.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.47%
24) Chloroform-d	4.62	84	160693	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	5.29	65	98500	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
32) Benzene-d6	5.32	84	304375	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.86%
36) 1,2-Dichloropropane-d6	6.31	67	112755	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.36%
41) Toluene-d8	7.54	98	286806	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%
43) trans-1,3-Dichloropropene-	7.83	79	52094	51.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.04%
47) 2-Hexanone-d5	8.29	63	120038	103.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	170445	50.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.92%
64) 1,2-Dichlorobenzene-d4	11.84	152	104183	55.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

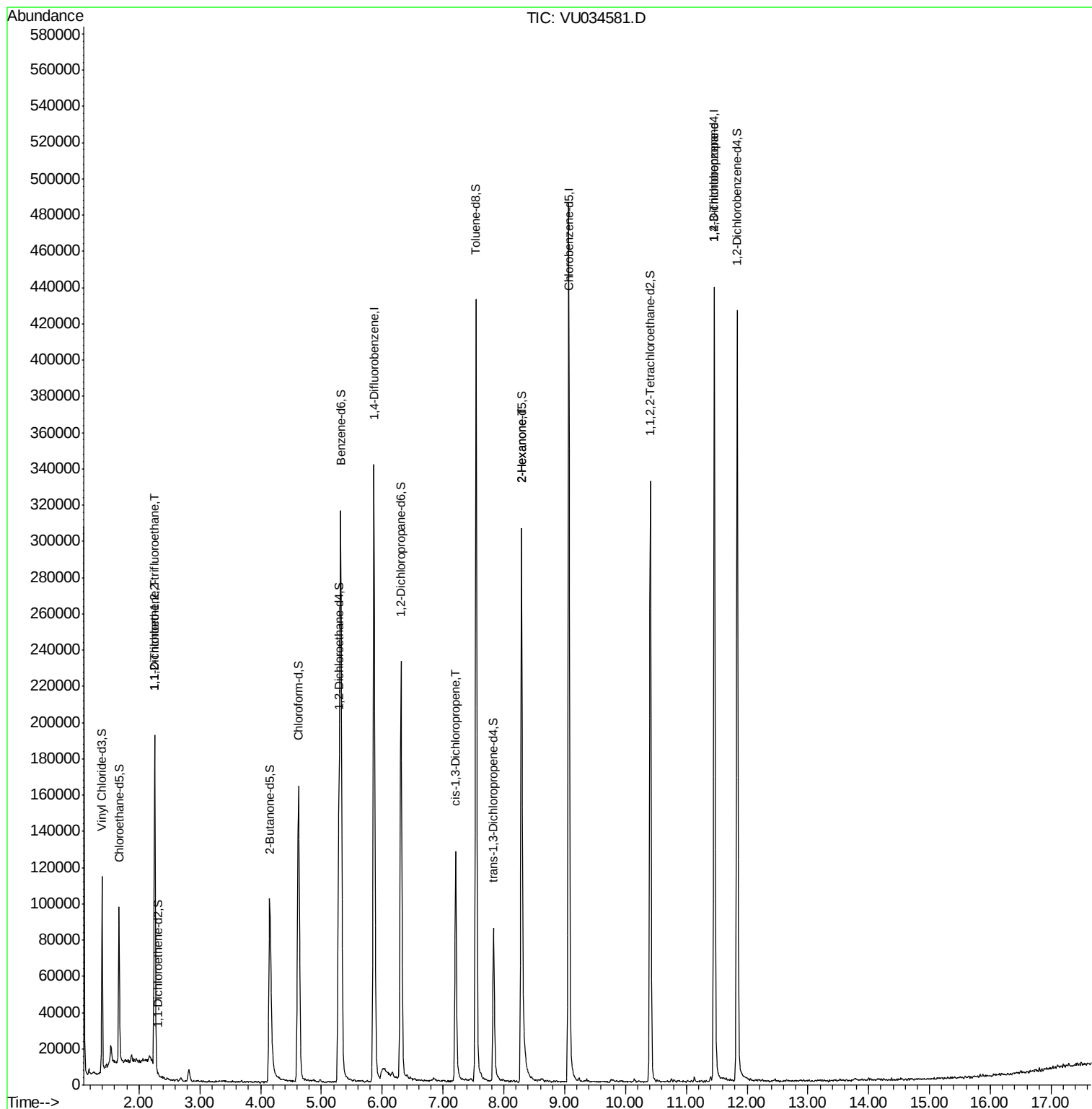
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1177	0.810	ug/L #	24
12) 1,1-Dichloroethene	2.26	96	1228	0.925	ug/L #	1
39) cis-1,3-Dichloropropene	7.21	75	3419	1.130	ug/L #	73
48) 2-Hexanone	8.29	43	12863	4.889	ug/L #	67
59) 1,2,3-Trichloropropane	11.46	75	16546	6.017	ug/L	90

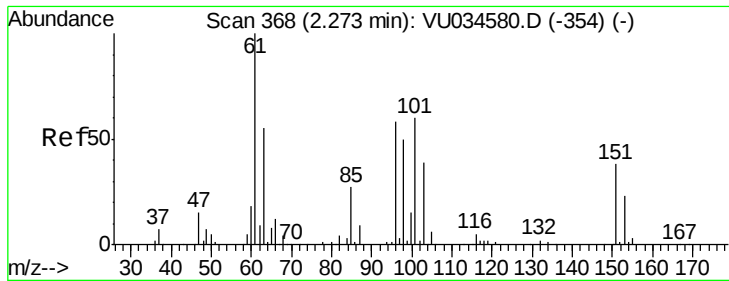
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.810 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK31

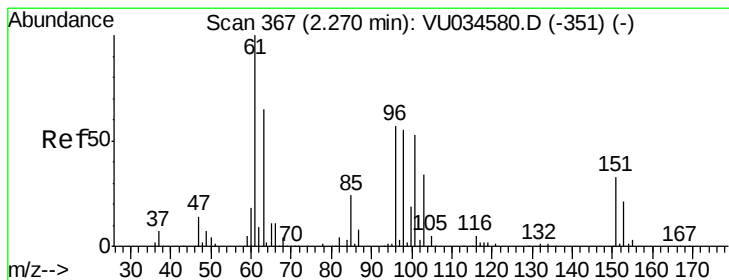
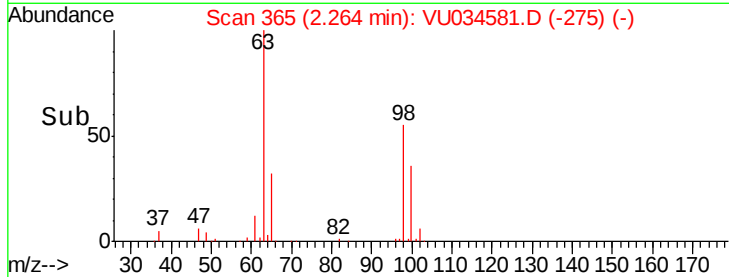
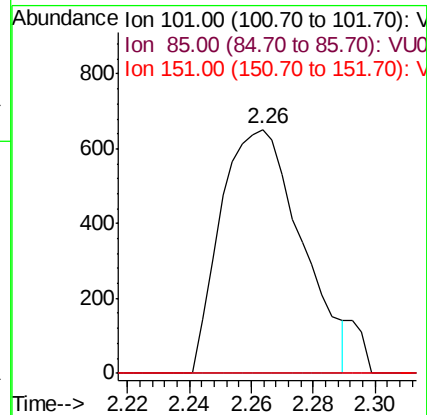
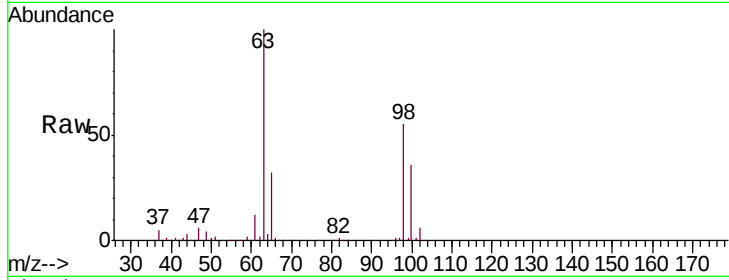
Tgt Ion: 101 Resp: 1177

Ion Ratio Lower Upper

101 100

85 3.6 37.0 55.6#

151 0.0 54.1 81.1#



#12

1,1-Dichloroethene

Concen: 0.925 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU034581.D

Acq: 16 Sep 2019 22:26

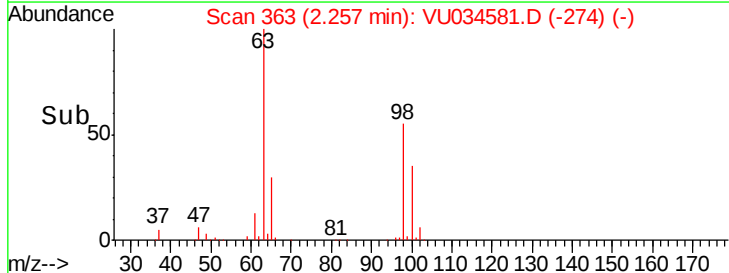
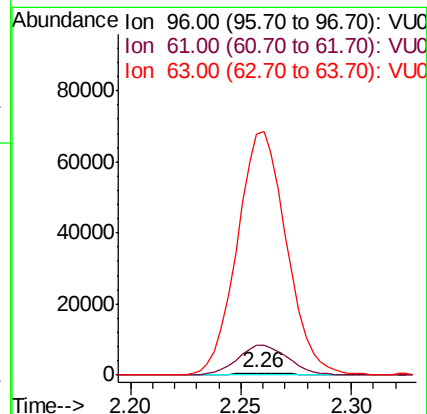
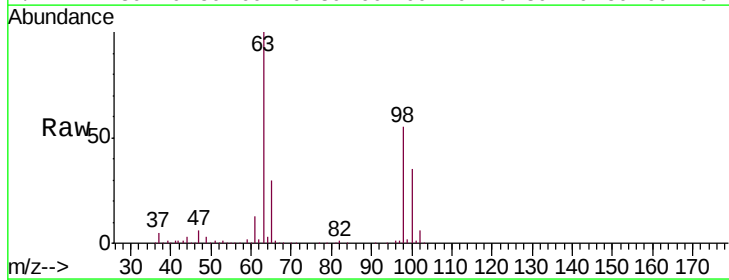
Tgt Ion: 96 Resp: 1228

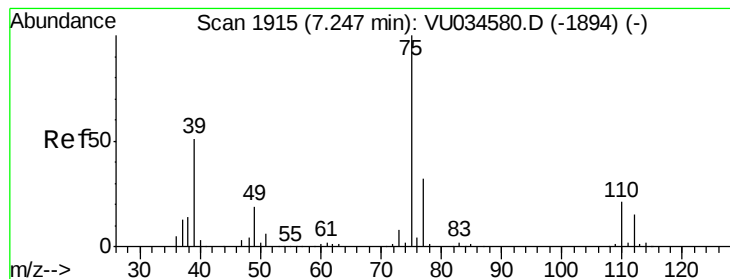
Ion Ratio Lower Upper

96 100

61 1289.8 117.8 218.8#

63 10294.2 83.8 155.6#



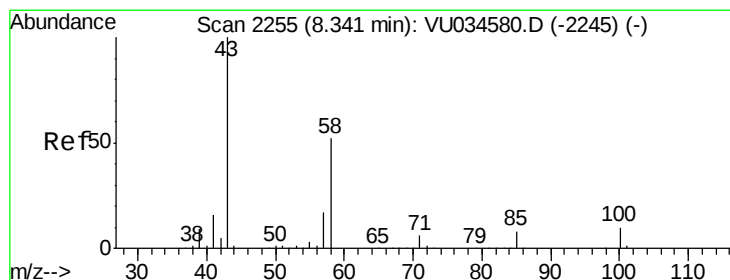
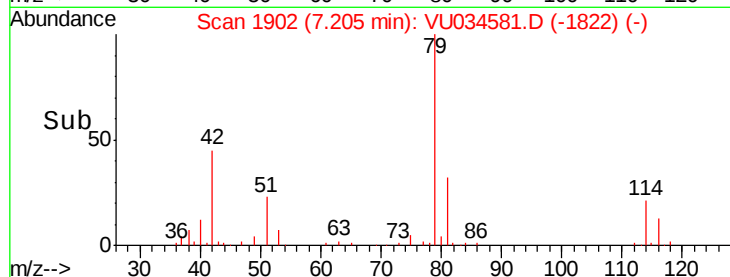
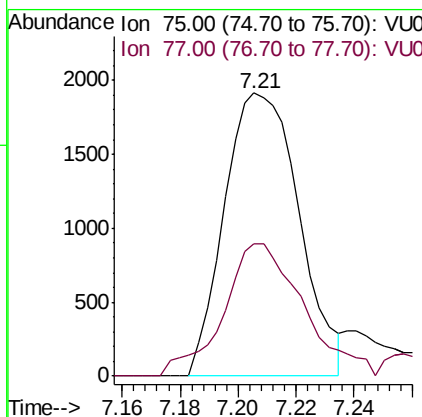
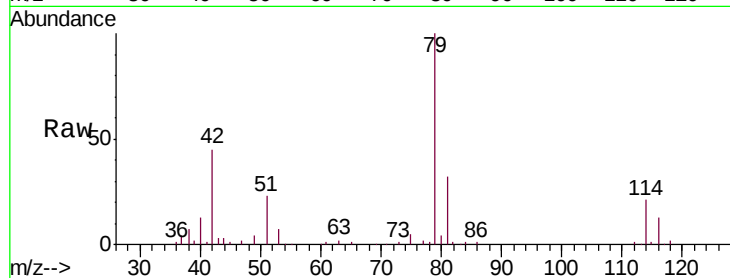


#39

cis-1,3-Dichloropropene
 Concen: 1.130 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
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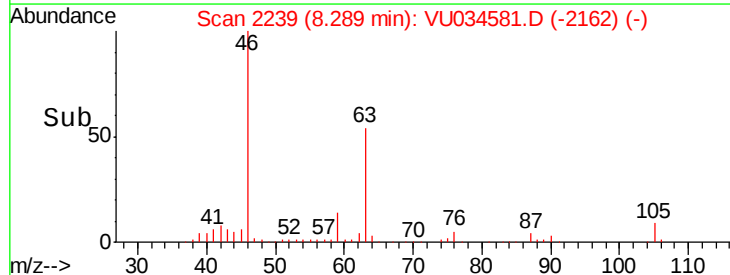
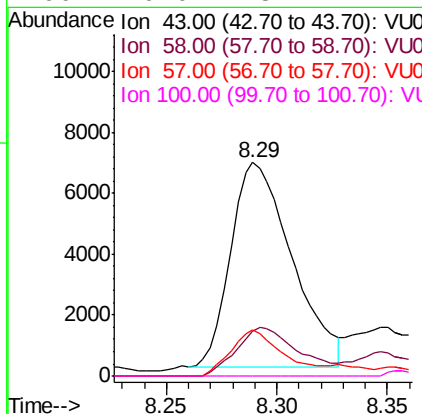
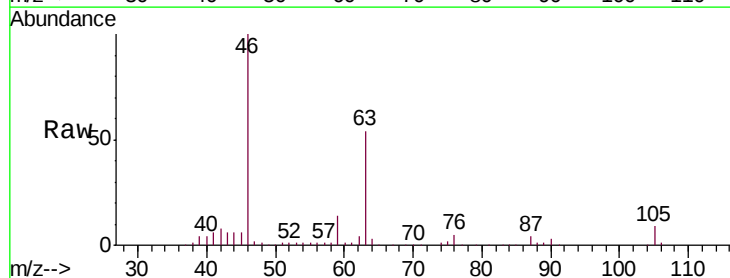
Tgt Ion: 75 Resp: 3419
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.3 41.3#

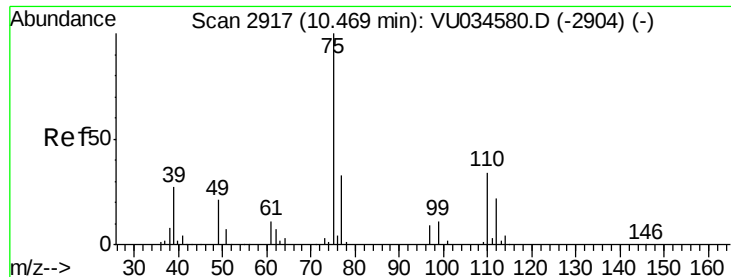


#48

2-Hexanone
 Concen: 4.889 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
 Lab File: VU034581.D
 Acq: 16 Sep 2019 22:26

Tgt Ion: 43 Resp: 12863
 Ion Ratio Lower Upper
 43 100
 58 24.5 43.3 64.9#
 57 19.4 13.1 19.7
 100 0.0 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 6.017 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034581.D

Acq: 16 Sep 2019 22:26

Instrument :

MSVOA_U

ClientSampleId :

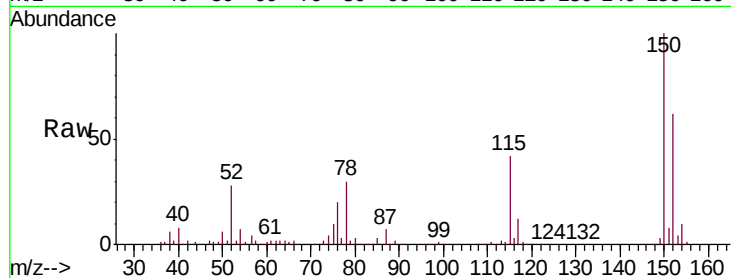
VBLK31

Tgt Ion: 75 Resp: 16546

Ion Ratio Lower Upper

75 100

77 38.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

