

Data File : VW009409.D
Acq On : 24 Mar 2019 00:22
Operator : SY/VA
Sample : K2083-03
Misc : 5.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0N1

Quant Time: Mar 24 00:56:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	316812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142443	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82384	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
7) Chloroethane-d5	2.89	69	83090	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
10) 1,1-Dichloroethene-d2	4.01	63	130472	15.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.80%
20) 2-Butanone-d5	7.08	46	82366	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
24) Chloroform-d	7.64	84	193472	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.31	65	120758	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	8.27	84	349184	20.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.60%
33) 1,2-Dichloropropane-d6	9.27	67	112526	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.48%
37) Toluene-d8	10.32	98	300825	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.08%
38) trans-1,3-Dichloropropene-	10.58	79	47124	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.12%
39) 2-Hexanone-d5	10.93	63	59642	47.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124974	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	126762	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds

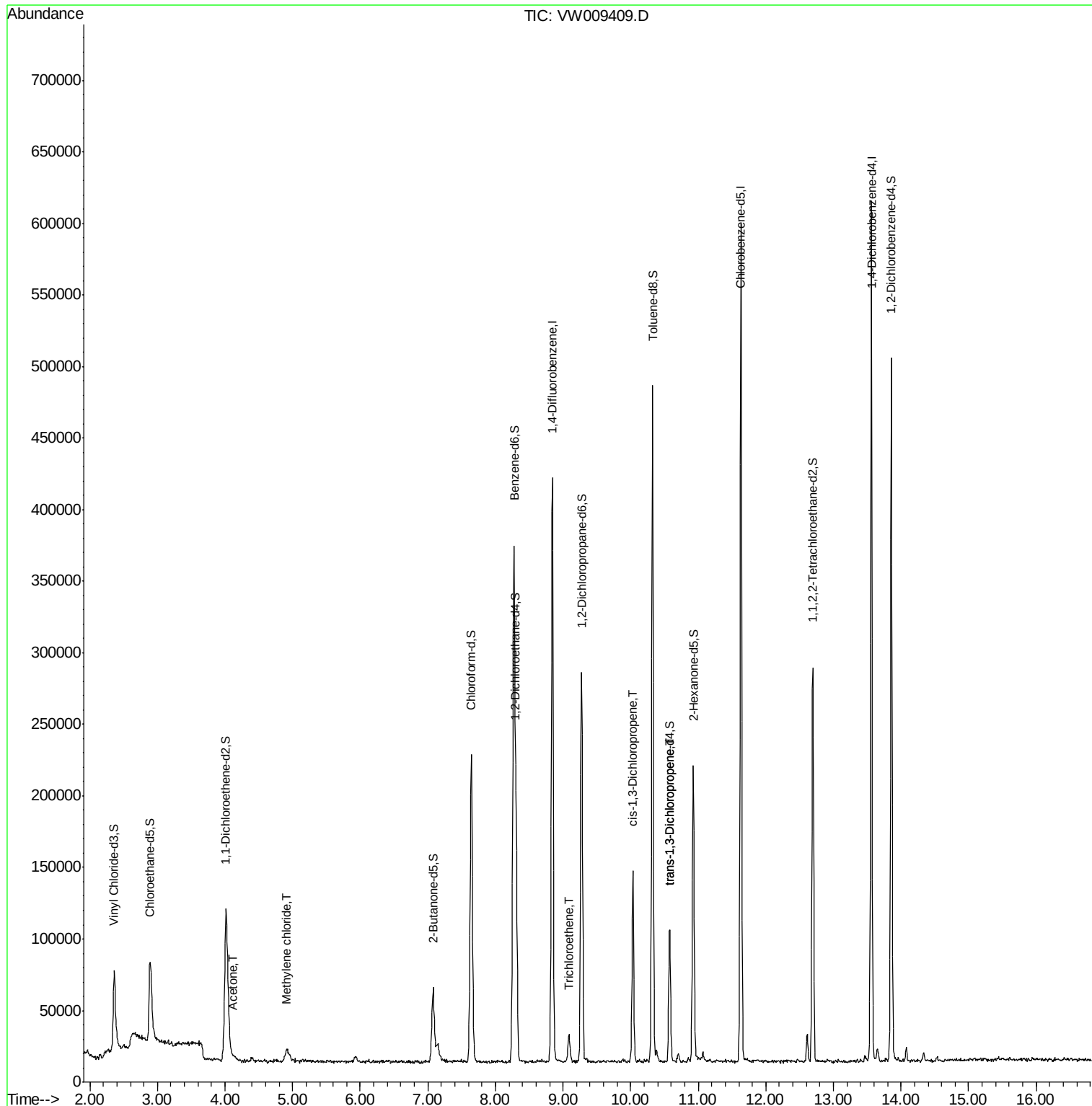
					Qvalue
13) Acetone	4.11	43	1163	0.906 ug/L	77
16) Methylene chloride	4.91	84	5172	1.119 ug/L	83
35) Trichloroethene	9.09	95	5643	1.231 ug/L	95
42) cis-1,3-Dichloropropene	10.02	75	3984	0.554 ug/L	90
45) trans-1,3-Dichloropropene	10.58	75	3071	0.491 ug/L	91

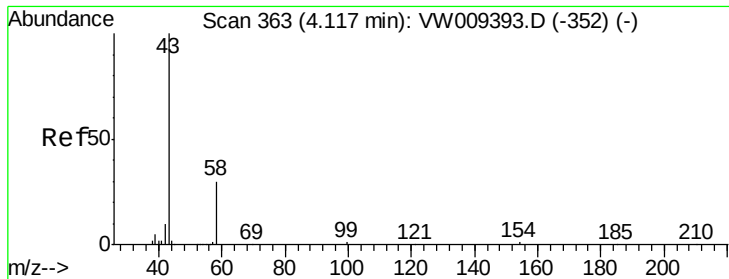
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009409.D
Acq On : 24 Mar 2019 00:22
Operator : SY/VA
Sample : K2083-03
Misc : 5.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0N1

Quant Time: Mar 24 00:56:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.906 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009409.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_W

ClientSampled :

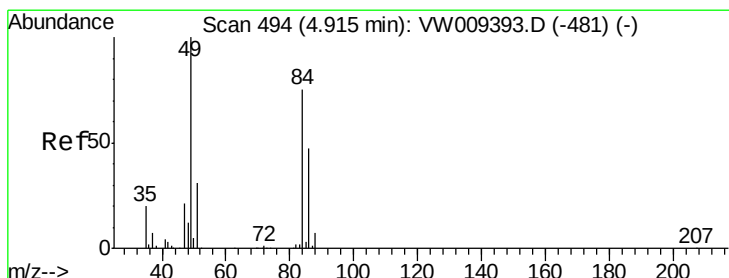
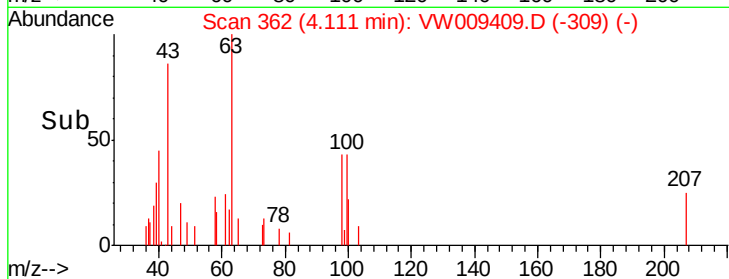
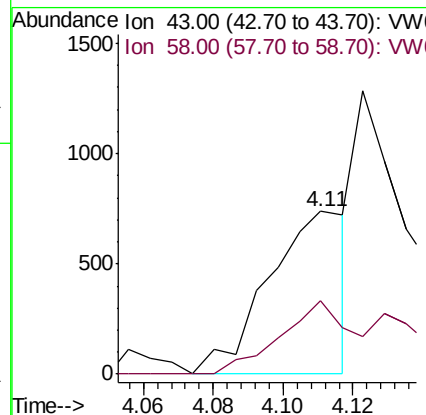
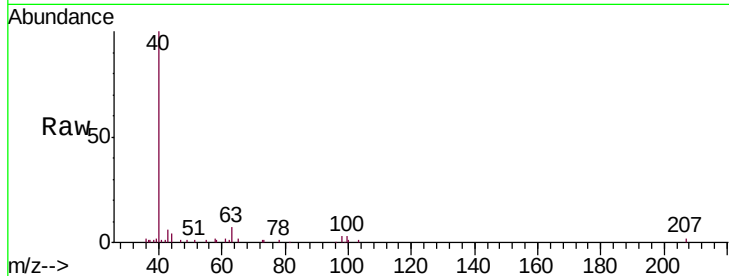
BF0N1

Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

43 100

58 40.1 0.0 56.2



#16

Methylene chloride

Concen: 1.119 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009409.D

Acq: 24 Mar 2019 00:22

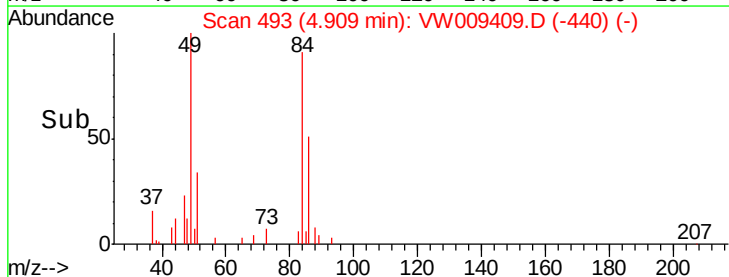
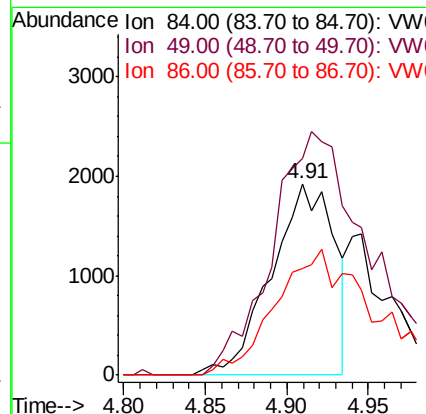
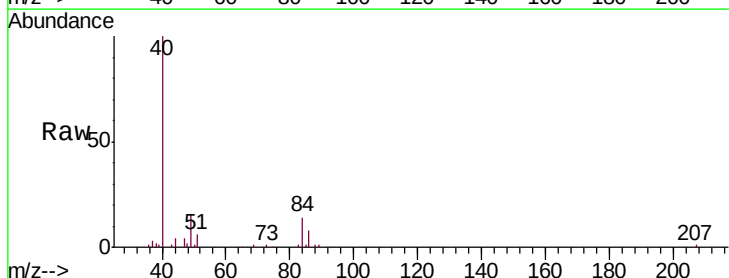
Tgt Ion: 84 Resp: 5172

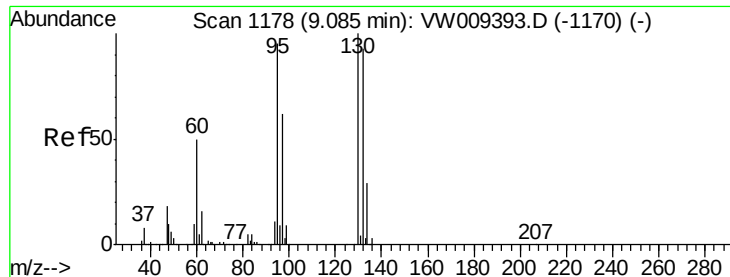
Ion Ratio Lower Upper

84 100

49 113.1 96.0 178.2

86 55.8 44.4 82.5





#35

Trichloroethene

Concen: 1.231 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009409.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

BF0N1

Tgt Ion: 95 Resp: 5643

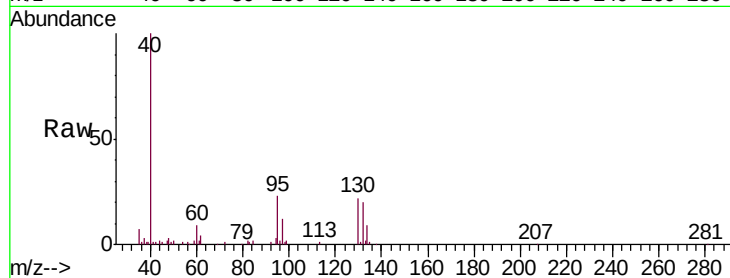
Ion Ratio Lower Upper

95 100

97 62.8 44.7 82.9

132 90.6 69.0 128.2

130 99.6 72.7 134.9

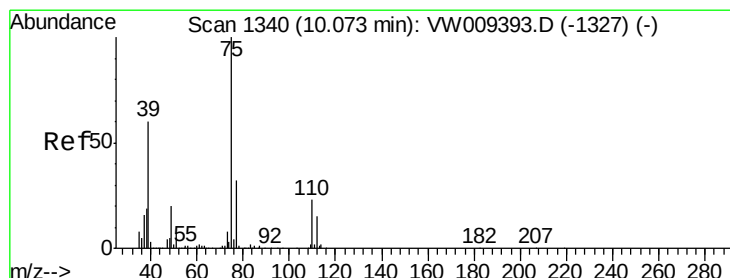
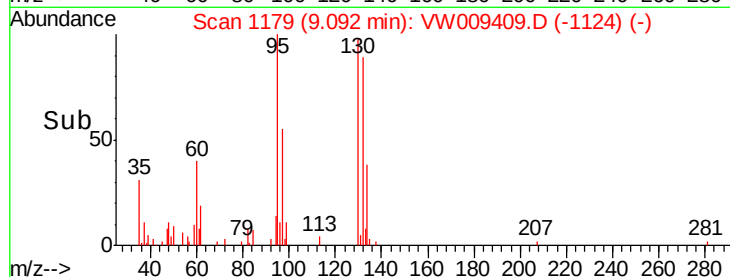
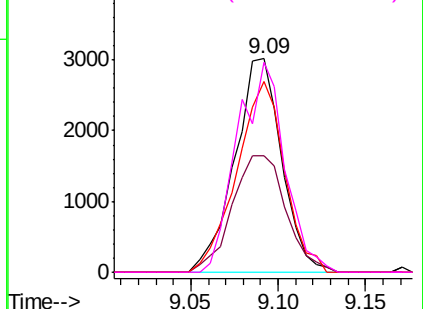


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 10.02 min Scan# 1332

Delta R.T. -0.05 min

Lab File: VW009409.D

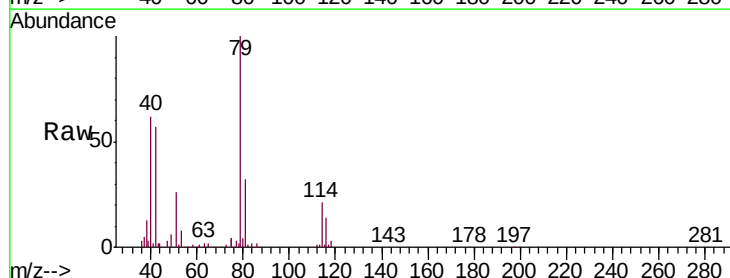
Acq: 24 Mar 2019 00:22

Tgt Ion: 75 Resp: 3984

Ion Ratio Lower Upper

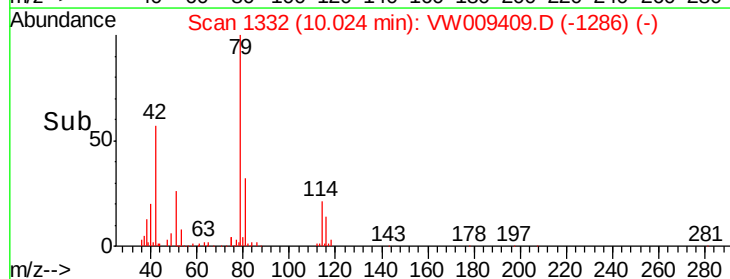
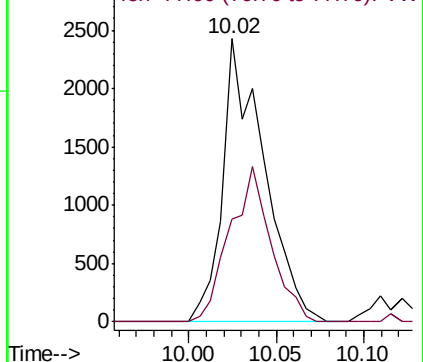
75 100

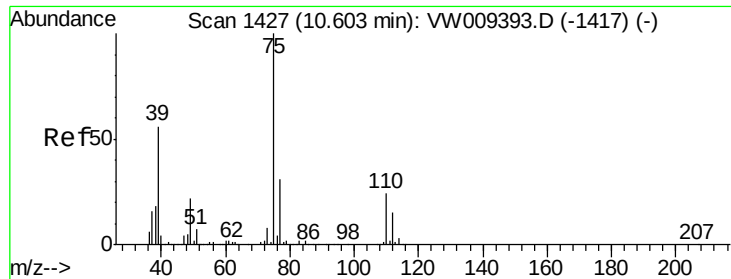
77 36.4 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009409.D

Acq: 24 Mar 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

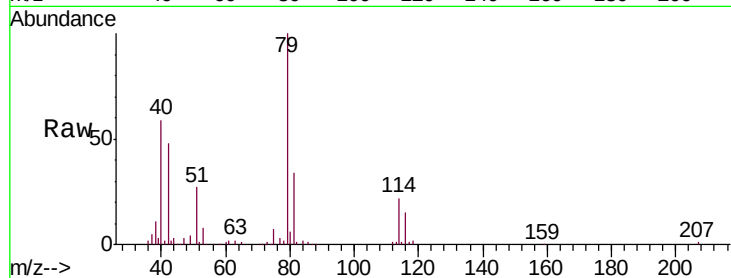
BF0N1

Tgt Ion: 75 Resp: 3071

Ion Ratio Lower Upper

75 100

77 37.2 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

