

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026576.D
 Acq On : 11 Apr 2019 19:45
 Operator : SY/MD
 Sample : K2260-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Apr 12 02:10:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	528266	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	441546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	192532	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	2.62	69	181660	5.27	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	3.61	63	395799	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.59	46	188825	50.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.26%
24) Chloroform-d	7.20	84	382966	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.89	65	163471	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.85	84	685765	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	8.89	67	183724	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.97	98	609713	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.24	79	38262	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	10.59	63	148864	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68131	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	121809	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

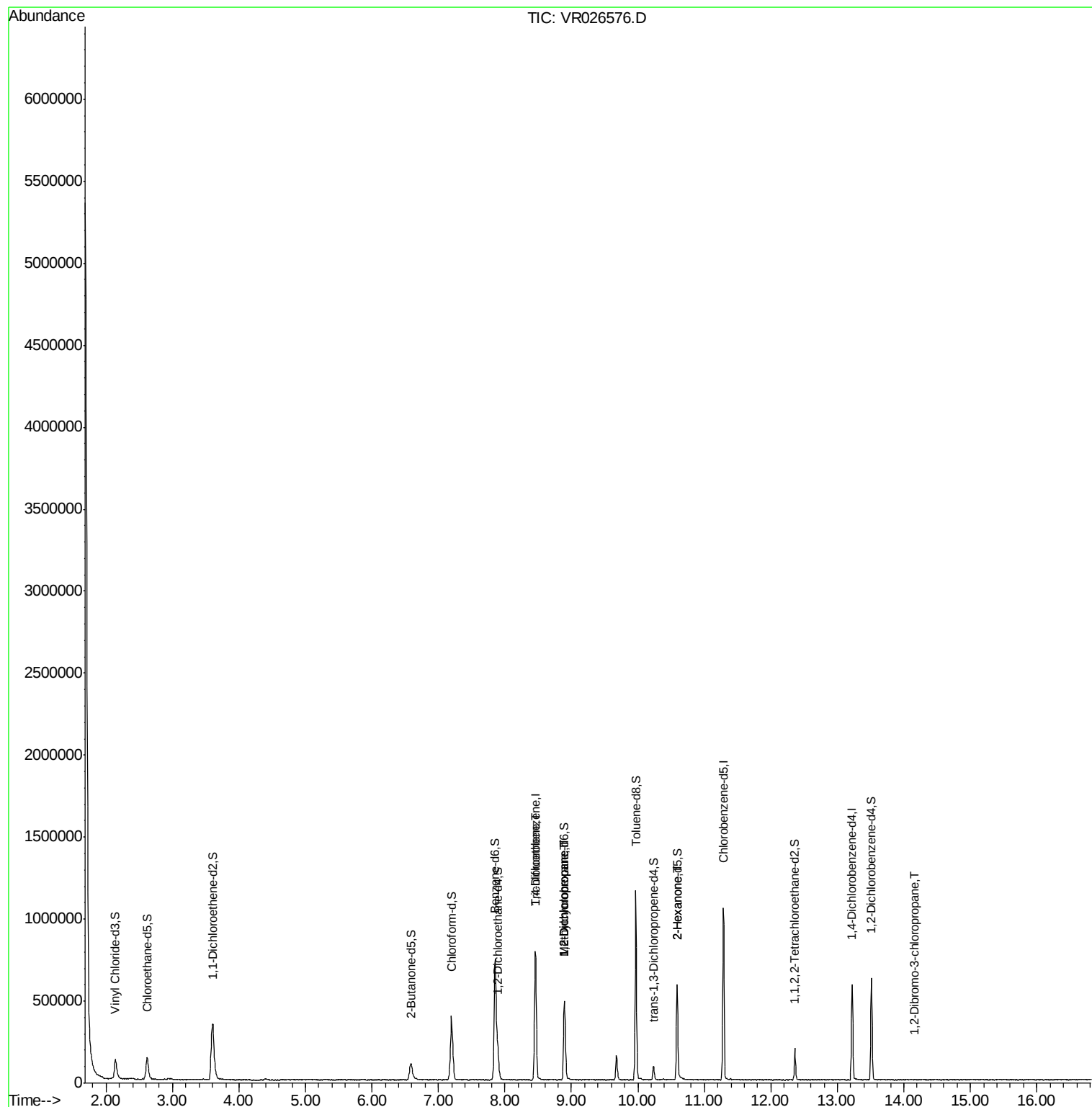
				Ovalue	
34) Trichloroethene	8.46	95	19071	0.421	ug/L # 12
35) Methylcyclohexane	8.89	83	45738	0.735	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	25692	0.703	ug/L # 91
48) 2-Hexanone	10.59	43	26497	3.446	ug/L # 69
66) 1,2-Dibromo-3-chloropropan	14.16	75	198	0.159	ug/L # 54

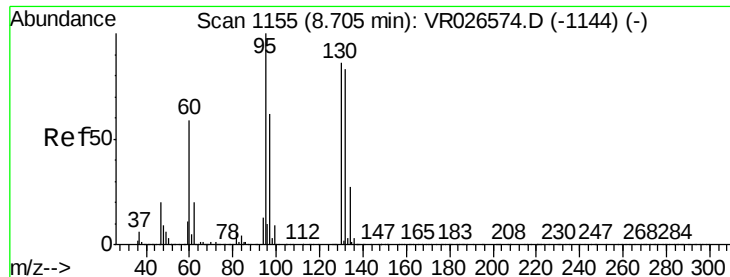
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.421 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026576.D

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Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tot Ion: 95 Resp: 19071

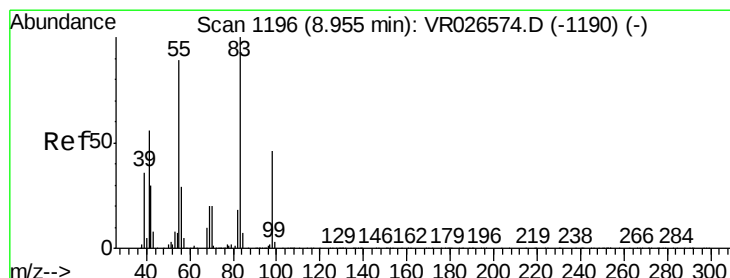
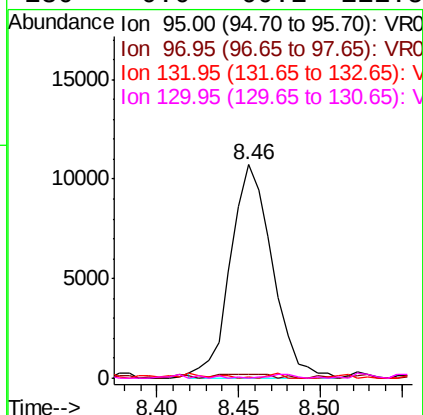
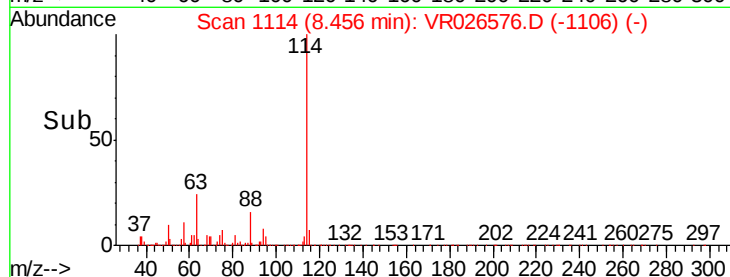
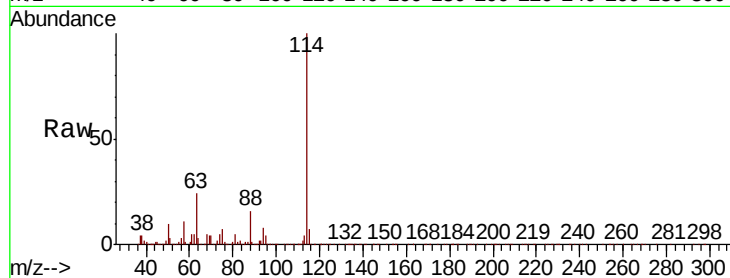
Ion Ratio Lower Upper

95 100

97 1.9 39.1 72.7#

132 0.8 57.6 107.0#

130 0.0 60.1 111.5#



#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026576.D

Acq: 11 Apr 2019 19:45

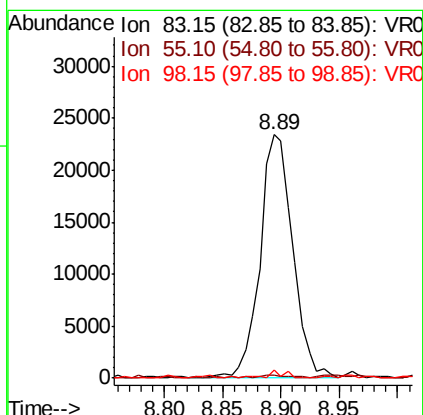
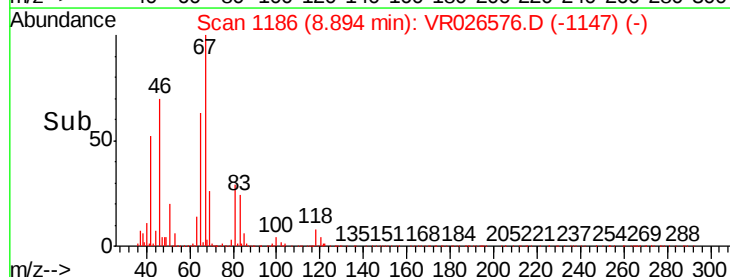
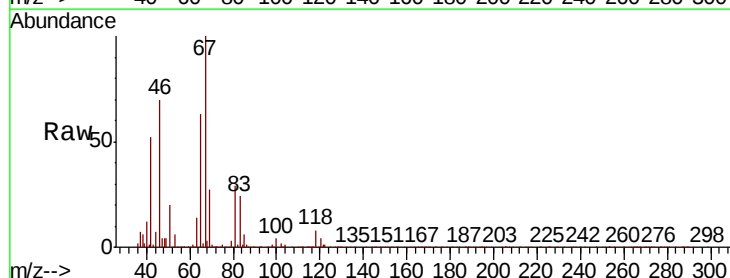
Tgt Ion: 83 Resp: 45738

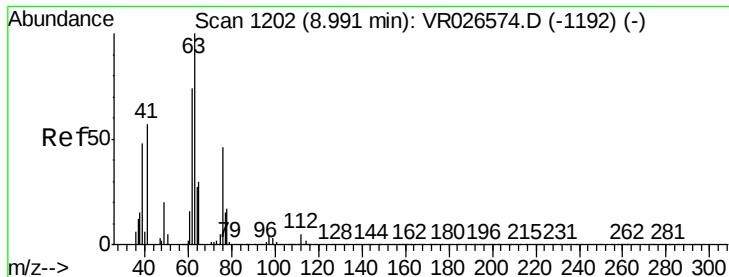
Ion Ratio Lower Upper

83 100

55 1.3 70.7 106.1#

98 1.8 36.0 54.0#





#37

1,2-Dichloropropane

Concen: 0.703 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026576.D

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Instrument :

MSVOA_R

ClientSampleId :

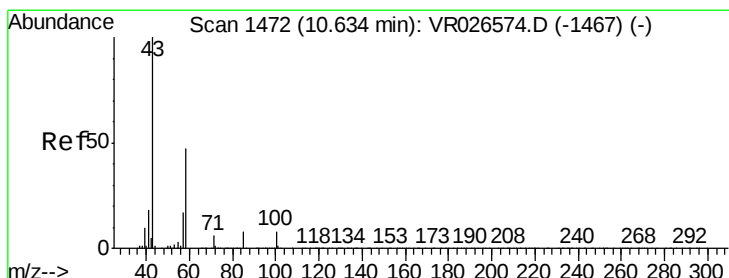
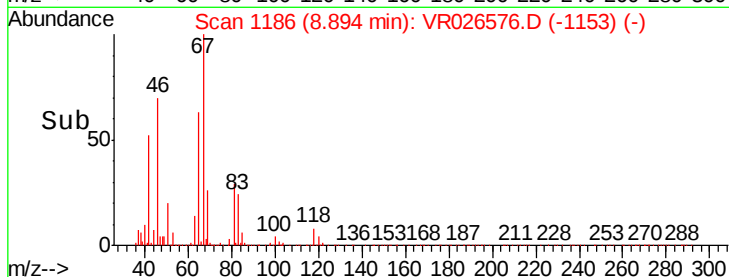
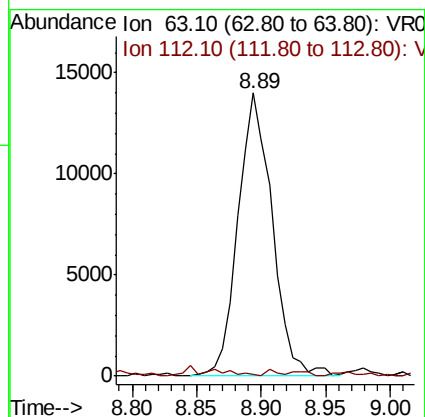
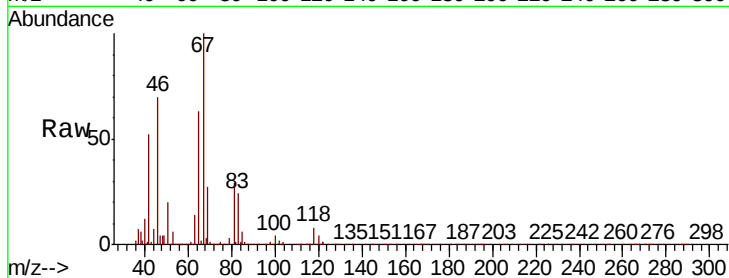
VHBLK01

Tot Ion: 63 Resp: 25692

Ion Ratio Lower Upper

63 100

112 0.8 3.0 4.4#



#48

2-Hexanone

Concen: 3.446 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026576.D

Acq: 11 Apr 2019 19:45

Tgt Ion: 43 Resp: 26497

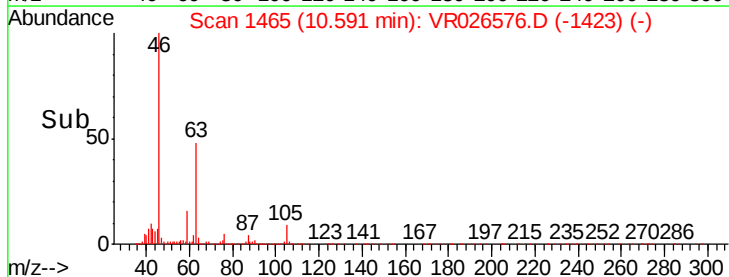
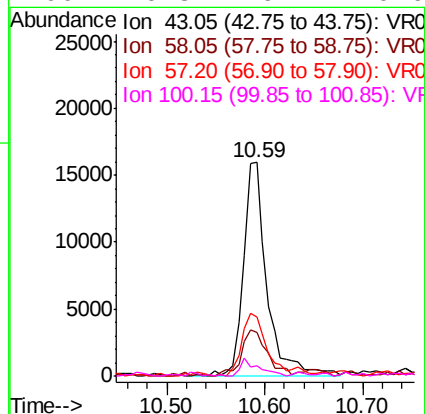
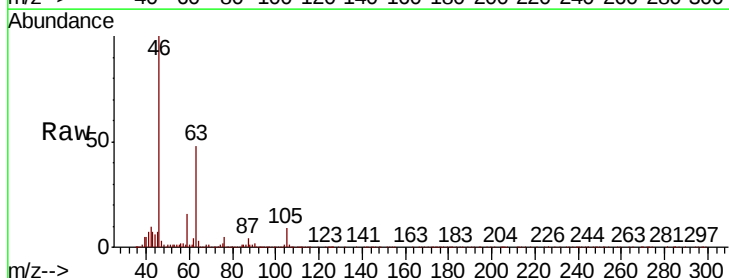
Ion Ratio Lower Upper

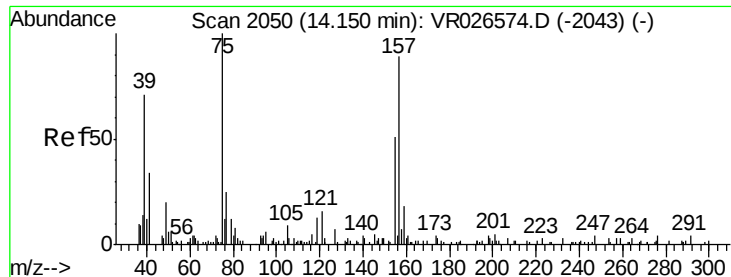
43 100

58 23.5 37.2 55.8#

57 30.3 13.4 20.0#

100 6.3 6.4 9.6#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.159 ug/L

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: VR026576.D

Acq: 11 Apr 2019 19:45

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

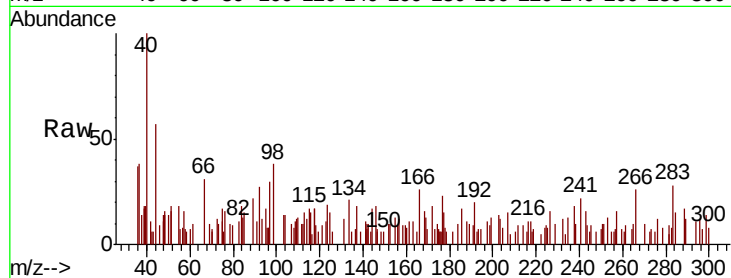
Tot Ion: 75 Resp: 198

Ion Ratio Lower Upper

75 100

155 76.4 57.2 85.8

157 0.0 56.7 85.1#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

