

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041716.D
 Acq On : 21 Dec 2020 23:19
 Operator : SY/MD
 Sample : L5162-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB251

Quant Time: Dec 22 09:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 22 05:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38381	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	35991	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.58	63	58788	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.67	46	152493	50.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	5.08	84	90368	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	50388	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	171362	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	58555	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.90	98	144339	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	23138	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	156414	54.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54790	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	60317	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

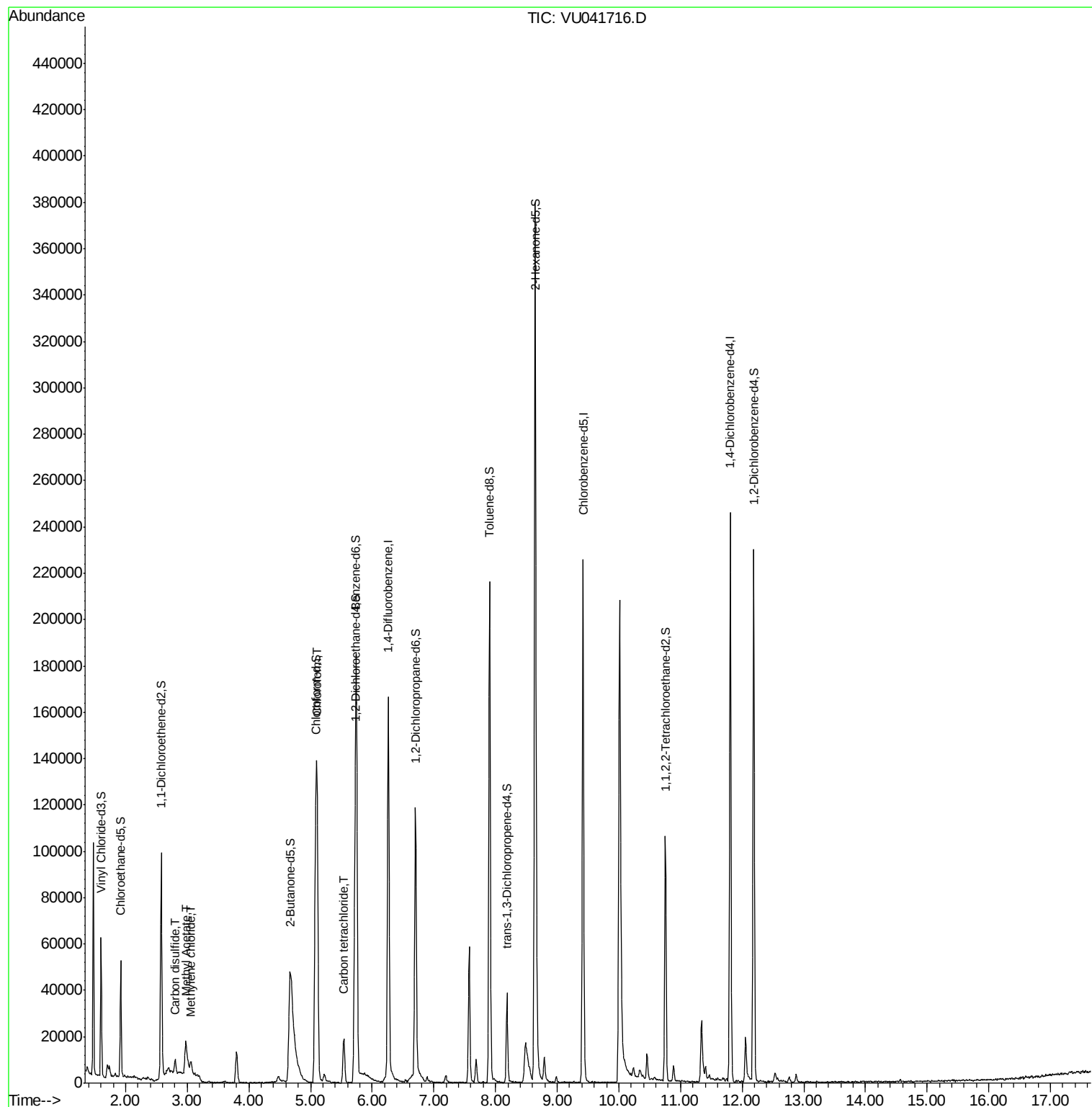
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.80	76	6840	0.219	ug/L	97
15) Methyl Acetate	2.98	43	28624	5.783	ug/L #	89
16) Methylene chloride	3.06	84	2208	0.204	ug/L	88
25) Chloroform	5.11	83	98212	5.579	ug/L	95
31) Carbon tetrachloride	5.54	117	13704	1.067	ug/L	97

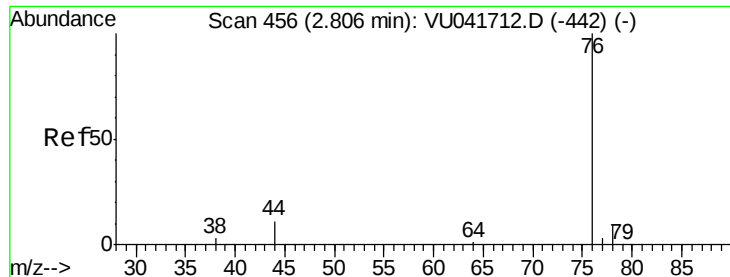
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.219 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU041716.D

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Instrument :

MSVOA_U

ClientSampleId :

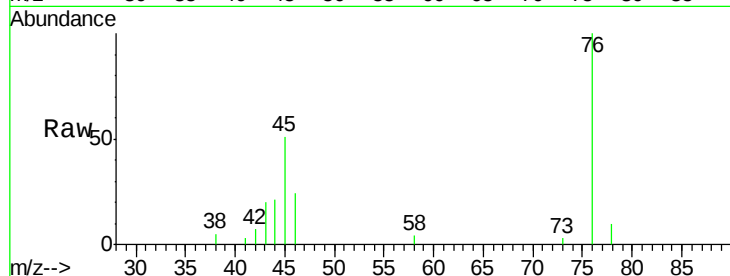
GB251

Tot Ion: 76 Resp: 6840

Ion Ratio Lower Upper

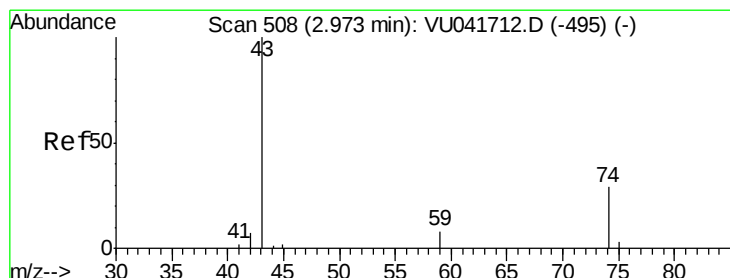
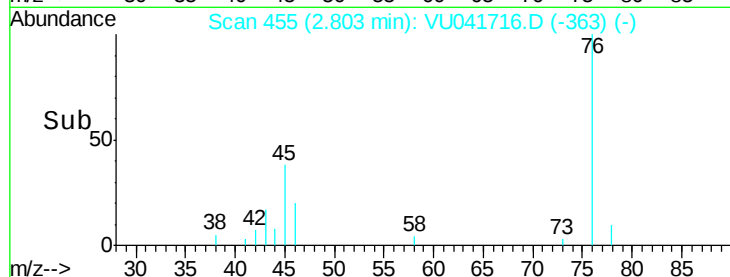
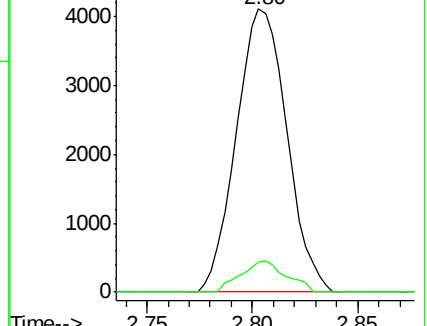
76 100

78 10.5 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VU041712.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU041712.D (-442) (-)



#15

Methyl Acetate

Concen: 5.783 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.00 min

Lab File: VU041716.D

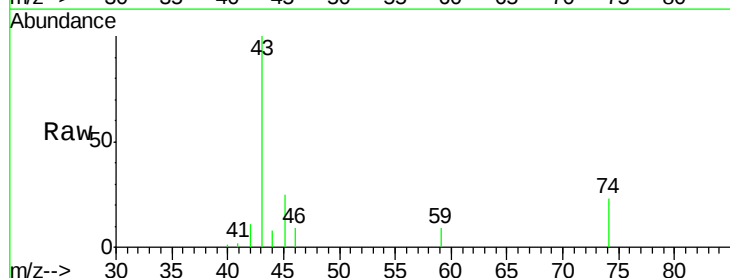
Acq: 21 Dec 2020 23:19

Tgt Ion: 43 Resp: 28624

Ion Ratio Lower Upper

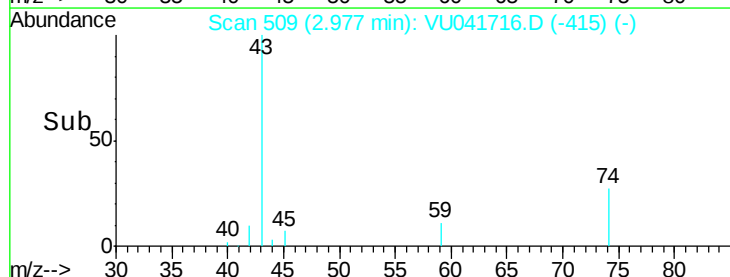
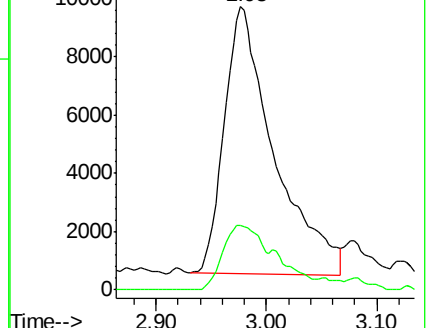
43 100

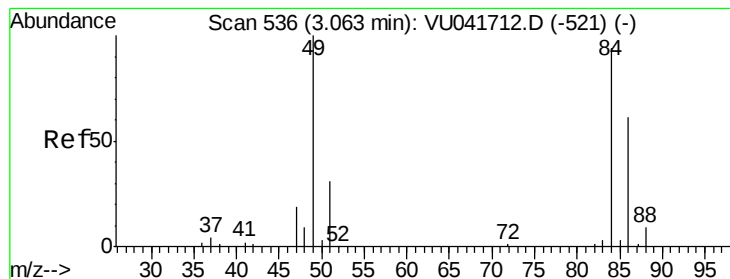
74 18.8 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU041712.D (-495) (-)

Ion 74.05 (73.75 to 74.75): VU041712.D (-495) (-)





#16

Methylene chloride

Concen: 0.204 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041716.D

Acq: 21 Dec 2020 23:19

Instrument :

MSVOA_U

ClientSampleId :

GB251

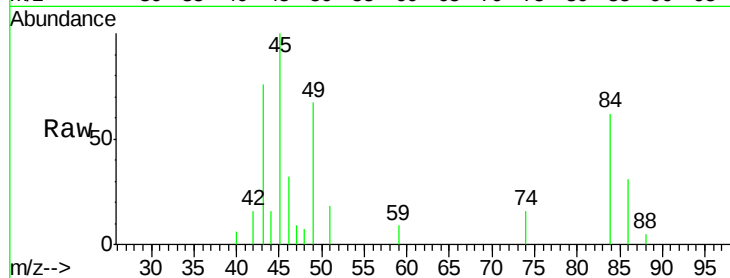
Tot Ion: 84 Resp: 2208

Ion Ratio Lower Upper

84 100

86 50.5 45.1 83.7

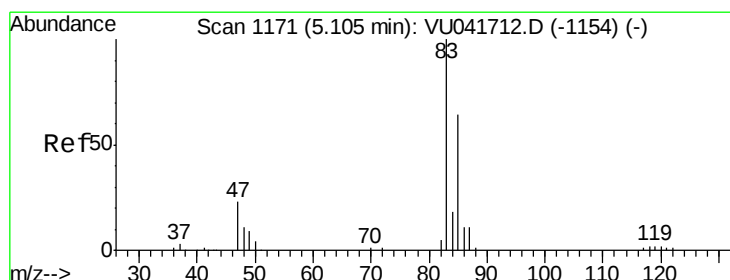
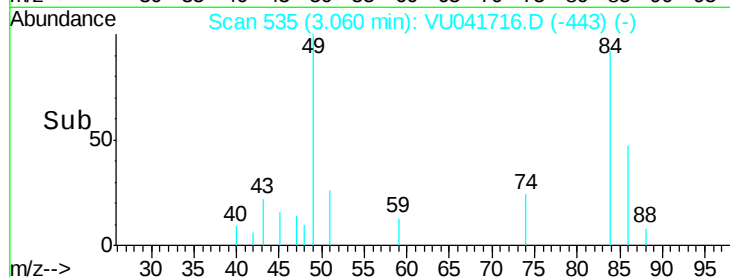
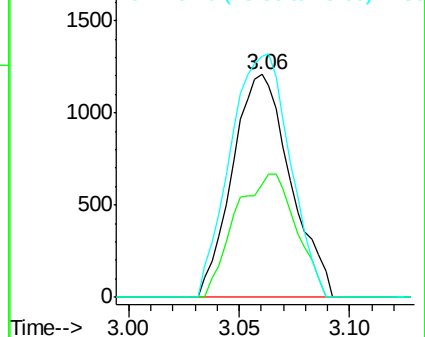
49 108.4 83.1 154.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#25

Chloroform

Concen: 5.579 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU041716.D

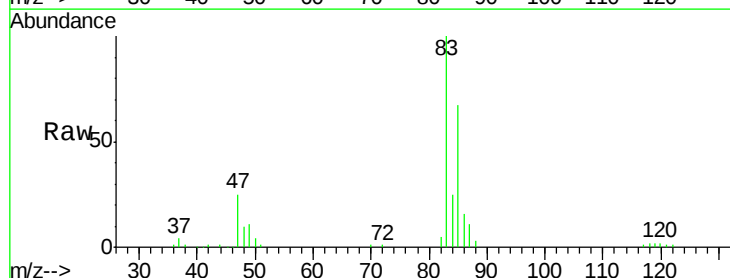
Acq: 21 Dec 2020 23:19

Tgt Ion: 83 Resp: 98212

Ion Ratio Lower Upper

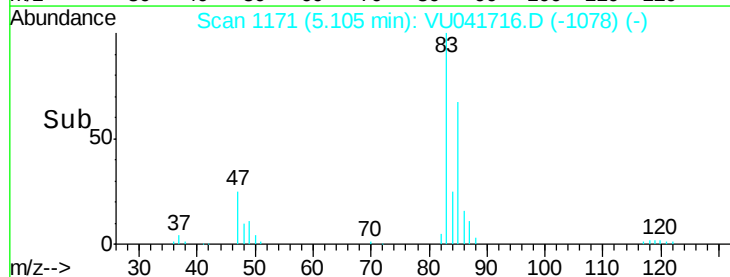
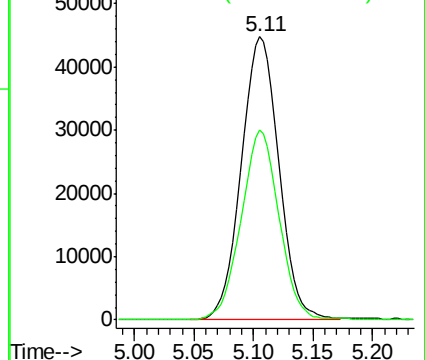
83 100

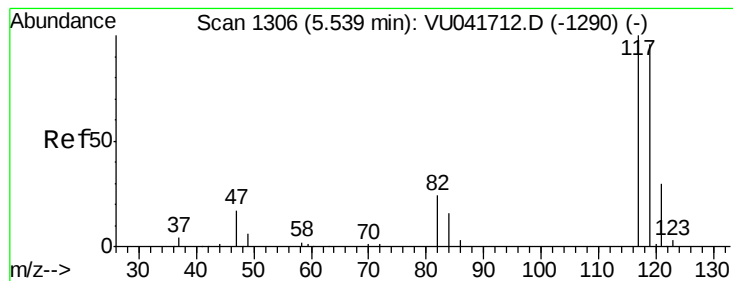
85 67.0 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 1.067 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU041716.D

Acq: 21 Dec 2020 23:19

Instrument :

MSVOA_U

ClientSampleId :

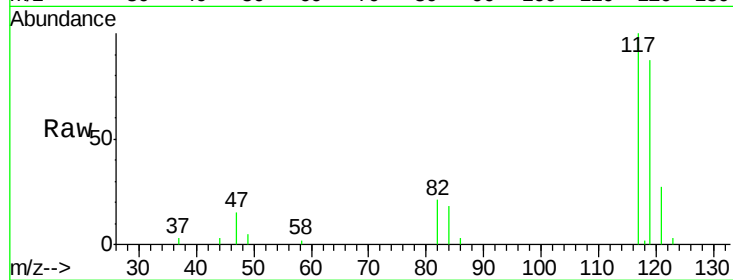
GB251

Tot Ion:117 Resp: 13704

Ion Ratio Lower Upper

117 100

119 92.3 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

