

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018666.D
 Acq On : 29 Sep 2020 18:40
 Operator : JC/SP
 Sample : L4143-11
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0H5

Quant Time: Sep 30 07:02:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	224797	5.00	ug/L	0.01
28) Chlorobenzene-d5	10.10	117	214690	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	97236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48688	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.70	69	44276	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.35	63	154142	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.60%
20) 2-Butanone-d5	4.56	46	159749	53.26	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	5.14	84	131501	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	6.04	65	74273	4.57	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	6.05	84	232273	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	7.37	67	73684	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	8.70	98	206517	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	8.99	79	30652	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	9.43	63	122481	50.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.86%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	57810	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	82356	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

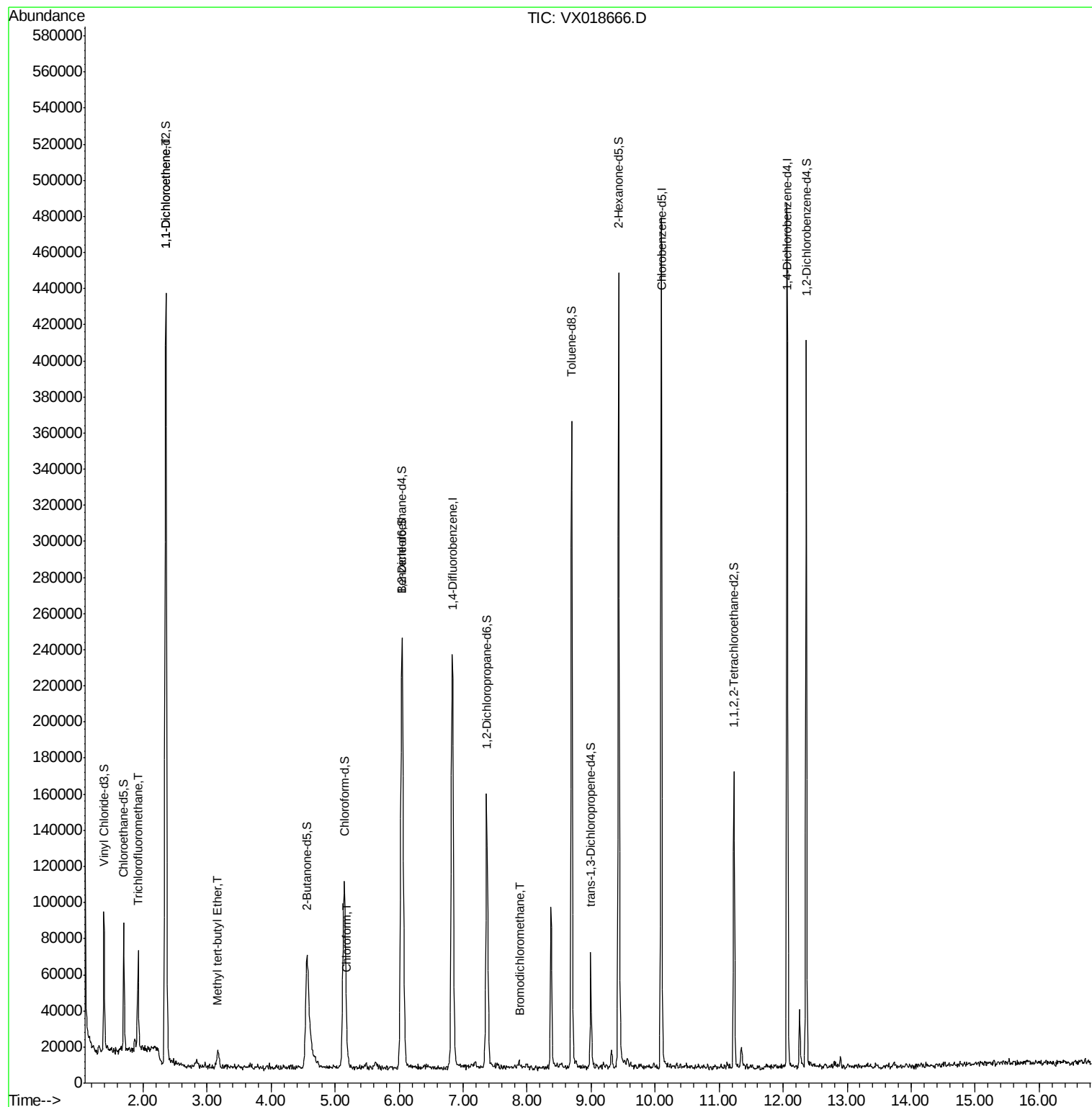
					Ovalue
9) Trichlorofluoromethane	1.92	101	35240	1.672 ug/L	97
12) 1,1-Dichloroethene	2.36	96	111965	10.202 ug/L #	77
17) Methyl tert-butyl Ether	3.17	73	9541	0.391 ug/L #	83
25) Chloroform	5.18	83	9398	0.437 ug/L	92
38) Bromodichloromethane	7.87	83	2496	0.167 ug/L #	89

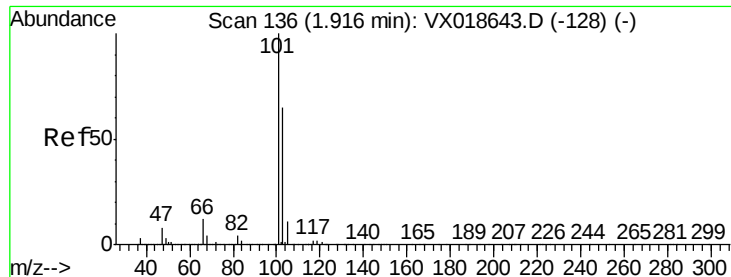
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.672 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018666.D

Acq: 29 Sep 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

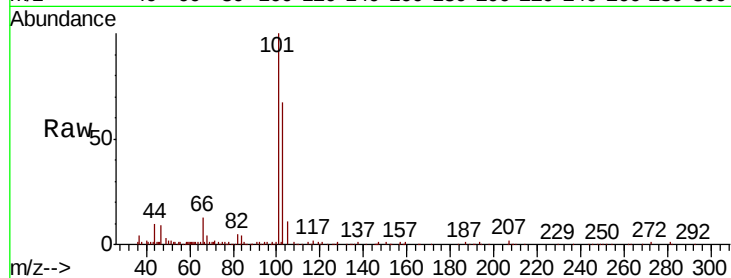
BG0H5

Tot Ion:101 Resp: 35240

Ion Ratio Lower Upper

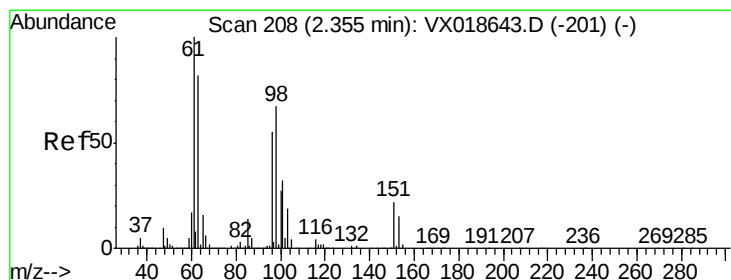
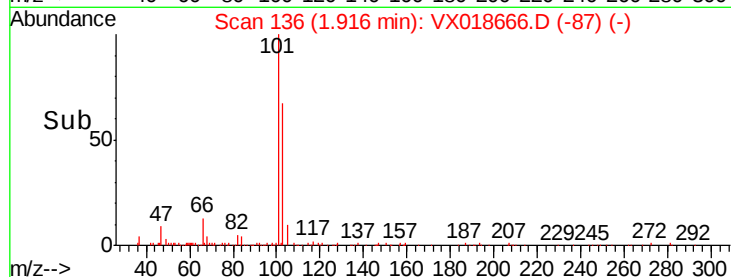
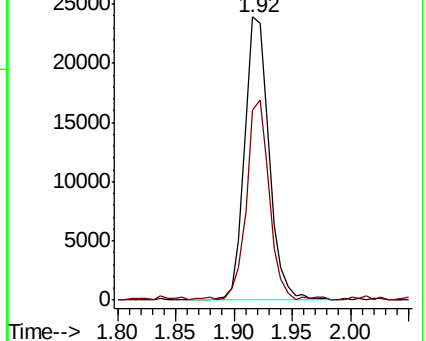
101 100

103 64.8 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 10.202 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018666.D

Acq: 29 Sep 2020 18:40

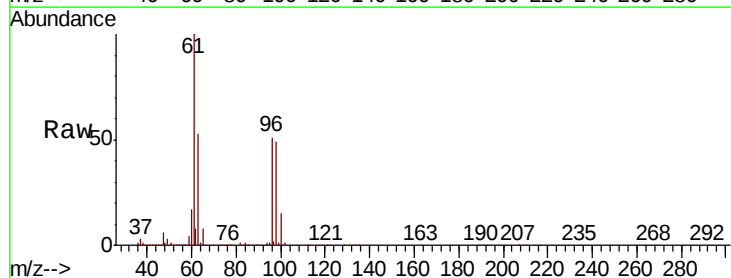
Tgt Ion: 96 Resp: 111965

Ion Ratio Lower Upper

96 100

61 194.6 123.8 229.8

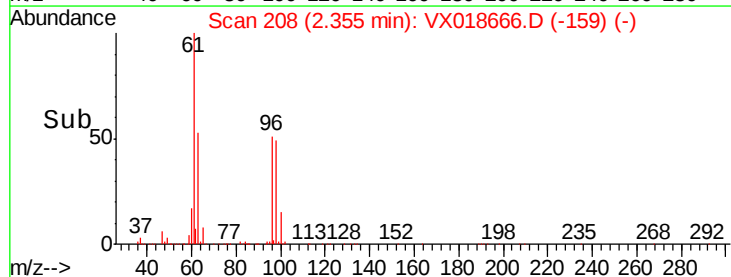
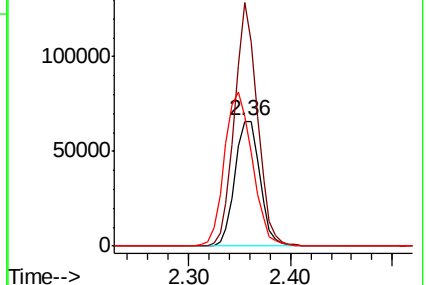
63 103.6 104.7 194.4#

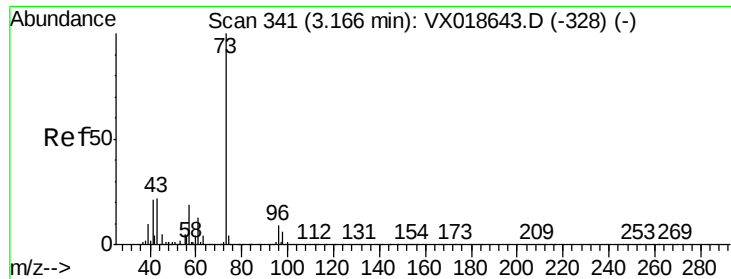


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0

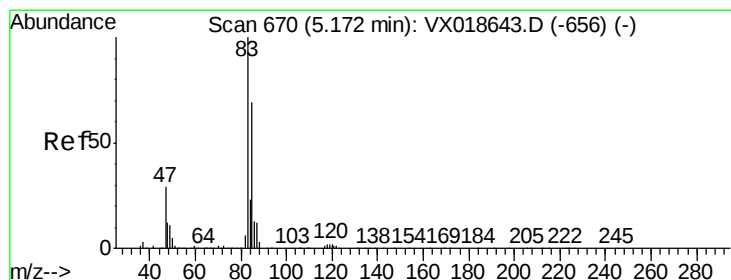
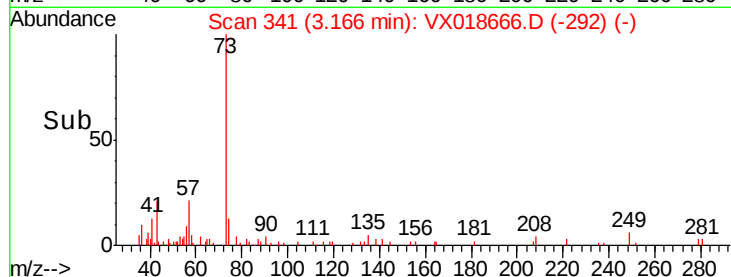
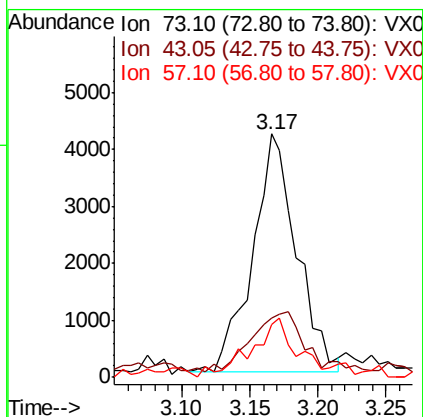
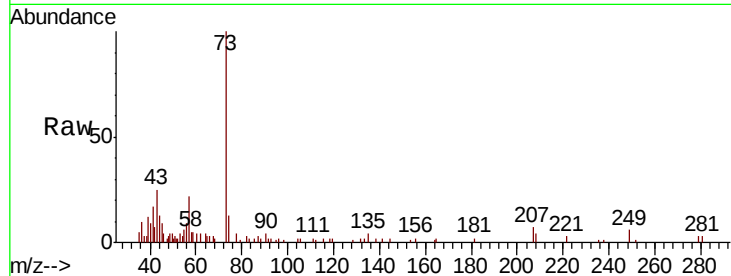




#17
Methvl tert-butvl Ether
Concen: 0.391 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018666.D
Acq: 29 Sep 2020 18:40

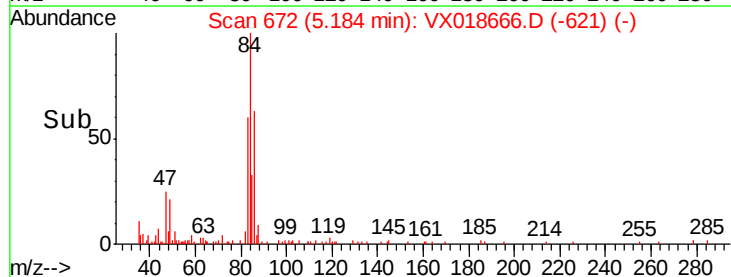
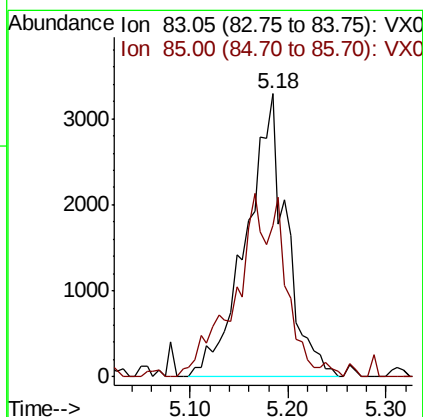
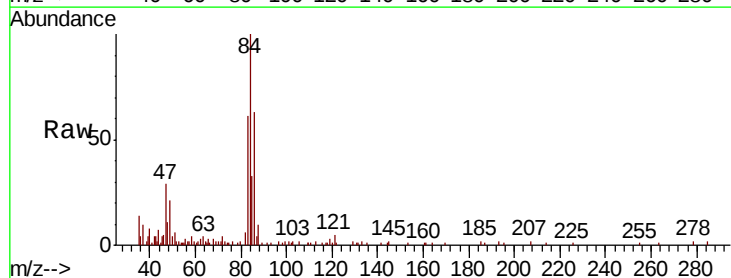
Instrument :
MSVOA_X
ClientSampled :
BG0H5

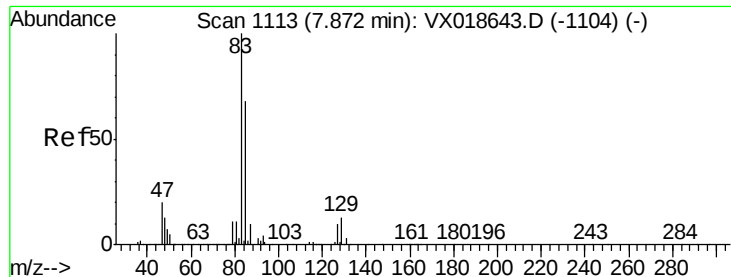
Tot Ion: 73 Resp: 9541
Ion Ratio Lower Upper
73 100
43 35.4 18.6 27.8#
57 25.6 17.3 25.9



#25
Chloroform
Concen: 0.437 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018666.D
Acq: 29 Sep 2020 18:40

Tgt Ion: 83 Resp: 9398
Ion Ratio Lower Upper
83 100
85 53.6 41.8 77.6





#38

Bromodichloromethane

Concen: 0.167 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018666.D

Acq: 29 Sep 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

BG0H5

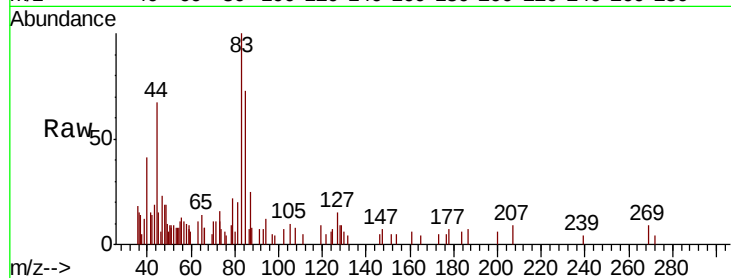
Tot Ion: 83 Resp: 2496

Ion Ratio Lower Upper

83 100

85 72.8 45.2 84.0

127 15.0 8.2 12.2#



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

