

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018673.D
 Acq On : 29 Sep 2020 22:18
 Operator : JC/SP
 Sample : L4143-15
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0E5

Quant Time: Sep 30 07:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	223328	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	216527	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	96908	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49050	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.70	69	45102	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.34	63	88336	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.55	46	162470	54.52	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.04%
24) Chloroform-d	5.14	84	132968	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	6.03	65	74001	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.05	84	231308	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	7.37	67	73344	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	8.70	98	204465	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
45) trans-1,3-Dichloropropene-	8.99	79	28045	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	9.43	63	121985	50.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.58%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	54370	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	78461	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

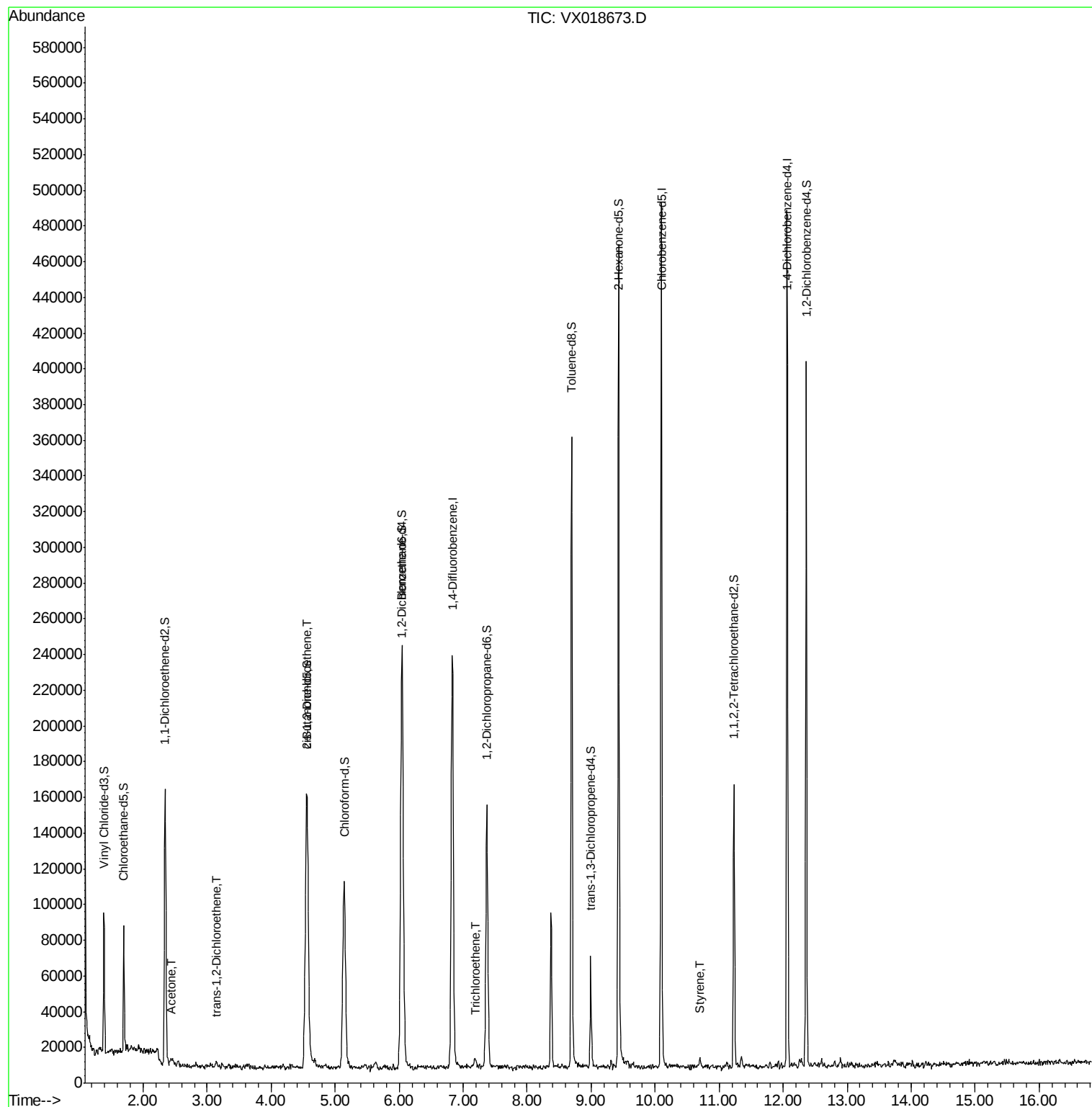
					Ovalue
13) Acetone	2.45	43	7000	4.244 ug/L	95
18) trans-1,2-Dichloroethene	3.15	96	1058	0.097 ug/L	81
22) cis-1,2-Dichloroethene	4.56	96	58248	5.122 ug/L #	94
34) Trichloroethene	7.20	95	1440	0.119 ug/L #	54
57) Styrene	10.70	104	1948	0.066 ug/L	81

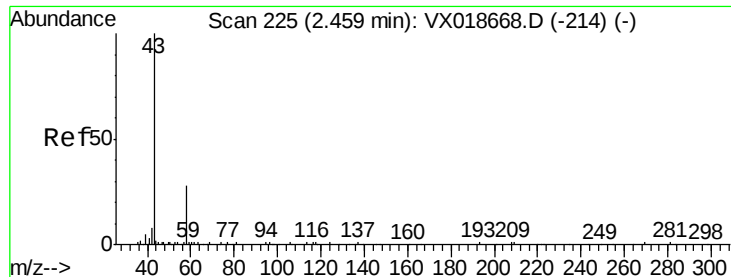
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.244 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

Lab File: VX018673.D

Acq: 29 Sep 2020 22:18

Instrument :

MSVOA_X

ClientSampled :

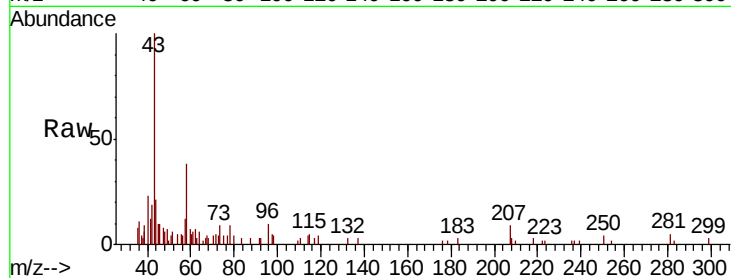
BG0E5

Tot Ion: 43 Resp: 7000

Ion Ratio Lower Upper

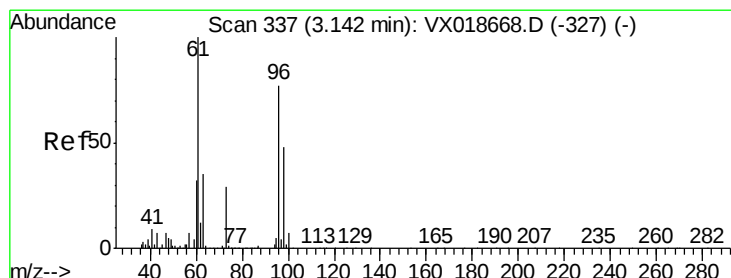
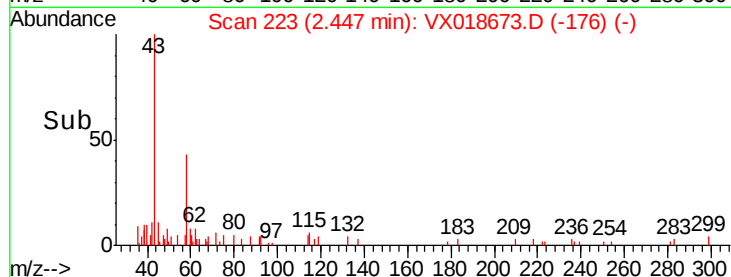
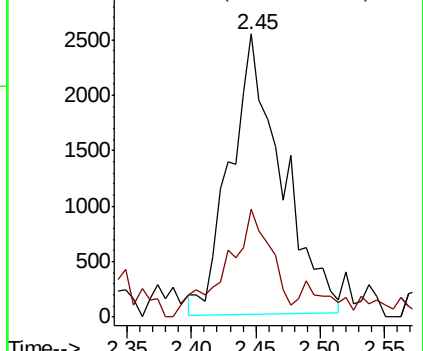
43 100

58 33.7 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#18

trans-1,2-Dichloroethene

Concen: 0.097 ug/L

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018673.D

Acq: 29 Sep 2020 22:18

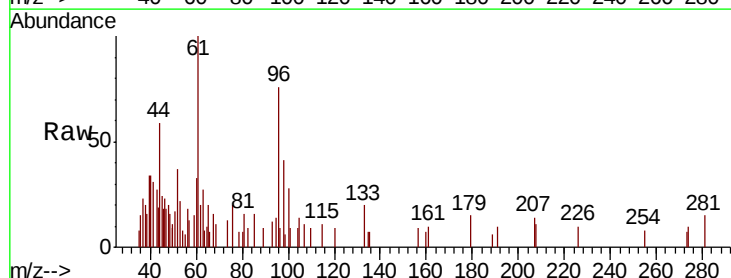
Tgt Ion: 96 Resp: 1058

Ion Ratio Lower Upper

96 100

61 118.7 97.3 180.7

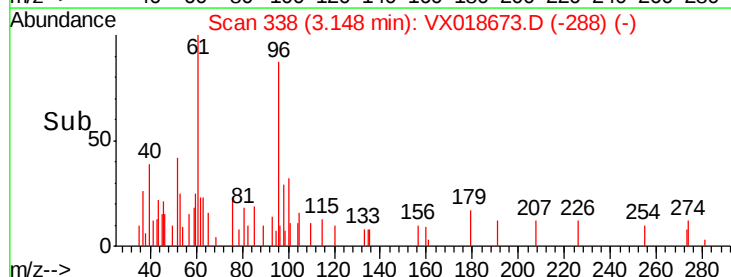
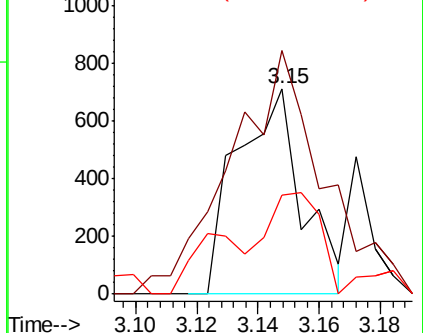
98 48.5 46.6 86.6

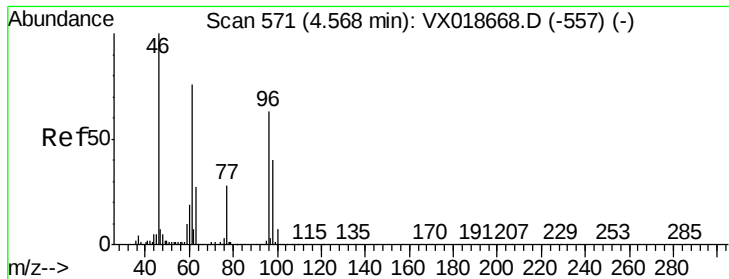


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



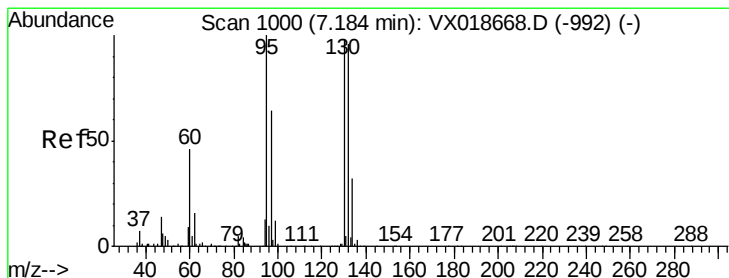
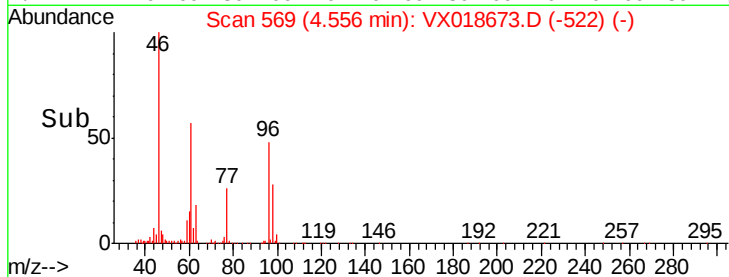
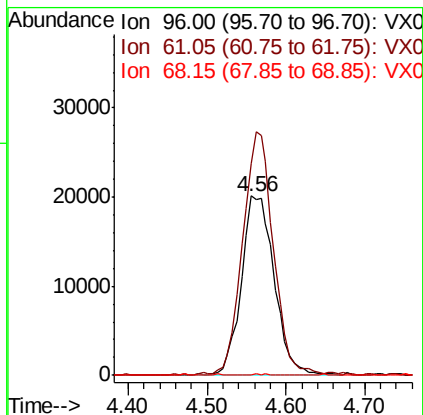
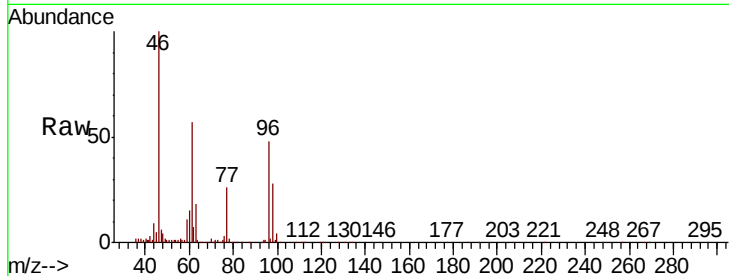


#22

cis-1,2-Dichloroethene
 Concen: 5.122 ug/L
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018673.D
 Acq: 29 Sep 2020 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0E5

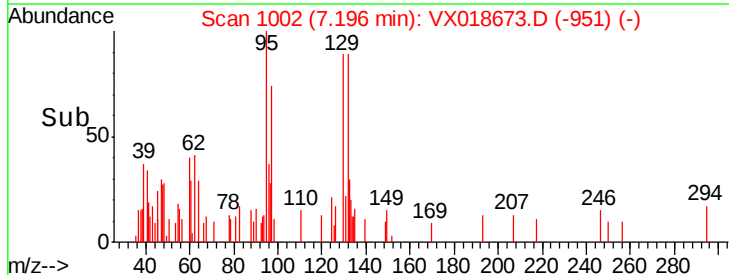
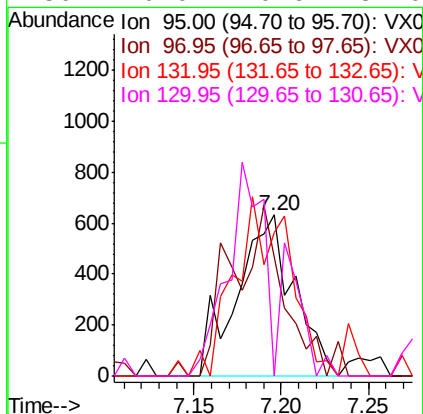
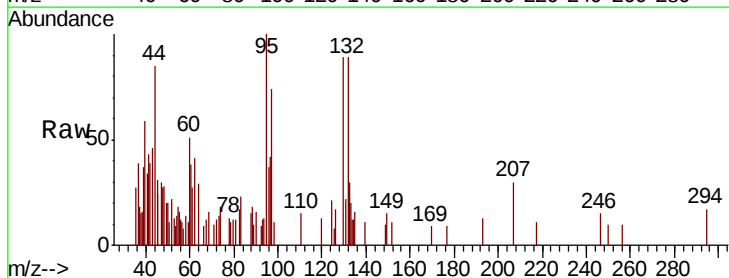
Tot Ion: 96 Resp: 58248
 Ion Ratio Lower Upper
 96 100
 61 118.2 87.7 162.9
 68 0.0 0.3 0.7#

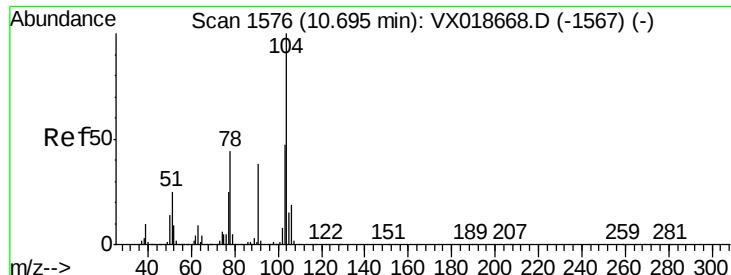


#34

Trichloroethene
 Concen: 0.119 ug/L
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX018673.D
 Acq: 29 Sep 2020 22:18

Tgt Ion: 95 Resp: 1440
 Ion Ratio Lower Upper
 95 100
 97 73.8 40.6 75.4
 132 88.9 64.3 119.5
 130 0.0 70.6 131.0#





#57

Stvrene

Concen: 0.066 ug/L

RT: 10.70 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VX018673.D

Acq: 29 Sep 2020 22:18

Instrument :

MSVOA_X

ClientSampleId :

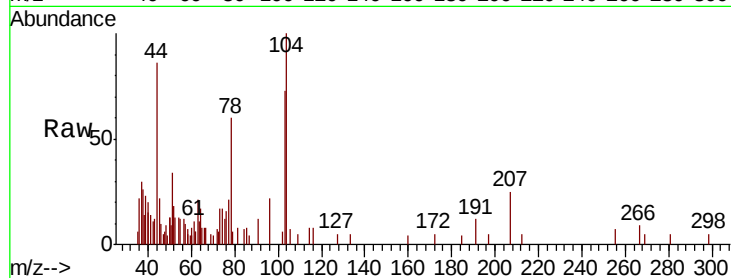
BG0E5

Tot Ion:104 Resp: 1948

Ion Ratio Lower Upper

104 100

78 60.5 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

10.70

1000

500

0

10.65 10.70 10.75

Time-->

