

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016676.D
 Acq On : 08 Jun 2020 22:10
 Operator : SY/MD
 Sample : L2875-03DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS1DL

Quant Time: Jun 09 03:33:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333114	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142240	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104714	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.10%
7) Chloroethane-d5	1.56	69	77029	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.22%
11) 1,1-Dichloroethene-d2	2.12	63	140919	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
21) 2-Butanone-d5	3.90	46	179722	103.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.31%
24) Chloroform-d	4.37	84	229492	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.06	65	165461	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
32) Benzene-d6	5.07	84	452541	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.09	67	145125	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.98%
41) Toluene-d8	7.34	98	395919	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.64	79	66119	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.11	63	120542	100.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184221	50.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	162006	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

Target Compounds

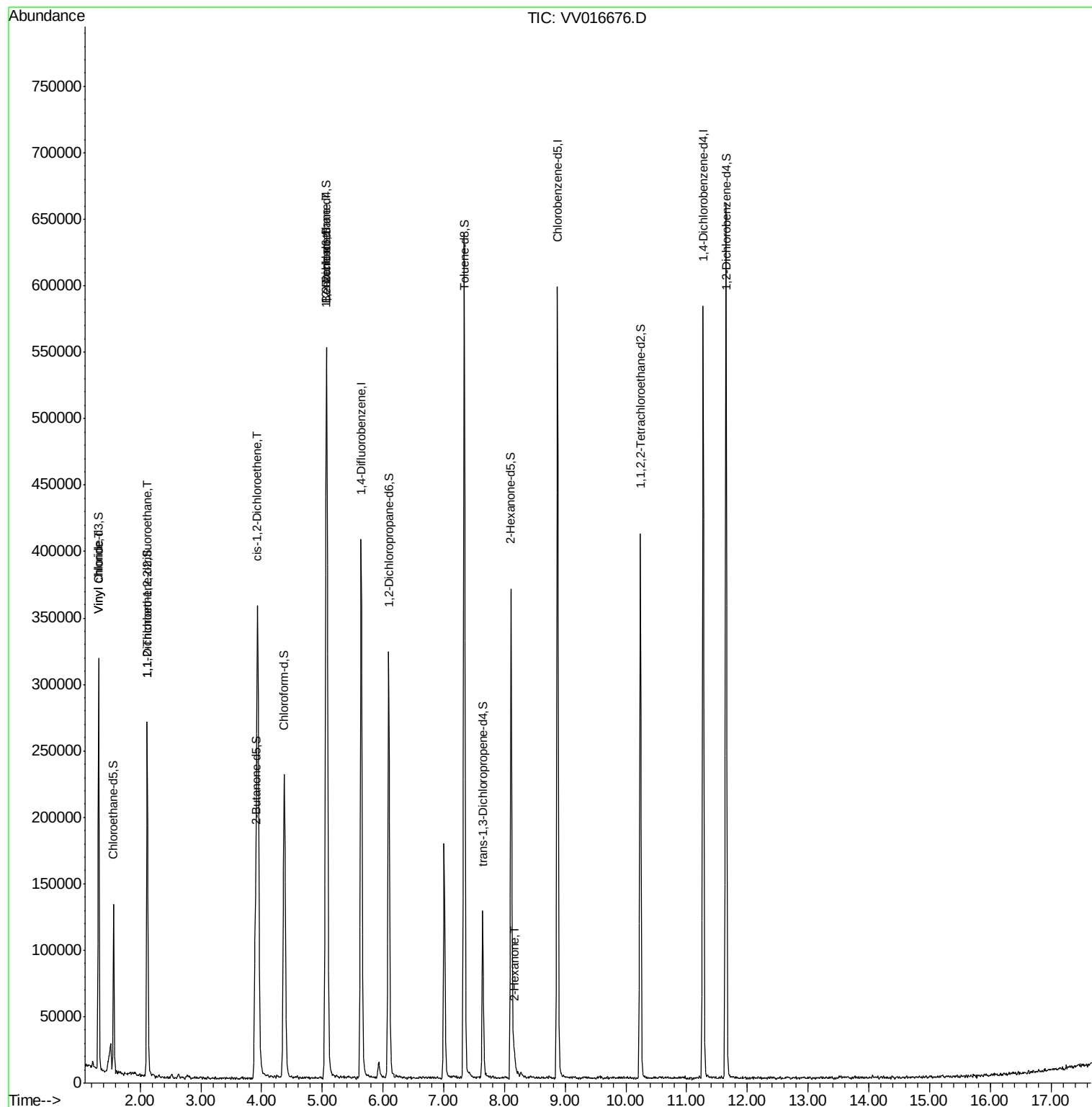
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	91838	38.668	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1335	0.754	ug/L #	18
20) cis-1,2-Dichloroethene	3.94	96	184527	75.085	ug/L	100
27) 1,2-Dichloroethane	5.07	62	3260	0.892	ug/L	99
48) 2-Hexanone	8.16	43	7816	3.005	ug/L #	77

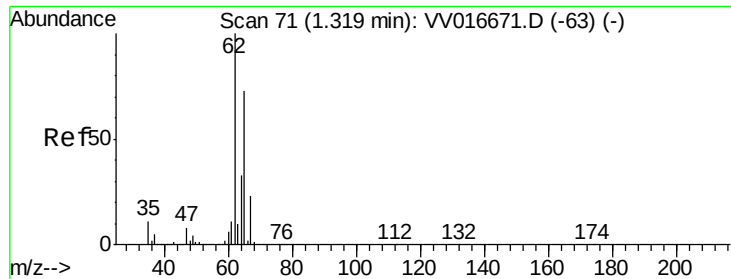
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 38.668 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 08 Jun 2020 22:10

Instrument :

MSVOA_V

ClientSampleId :

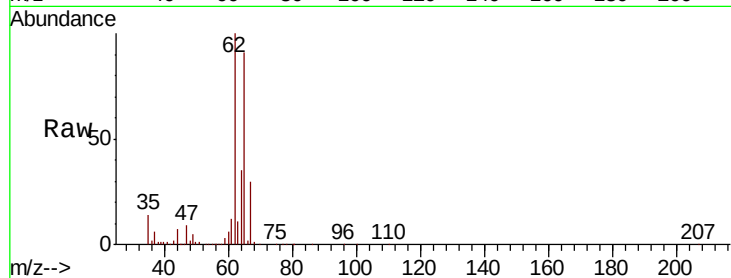
ETTS1DL

Tot Ion: 62 Resp: 91838

Ion Ratio Lower Upper

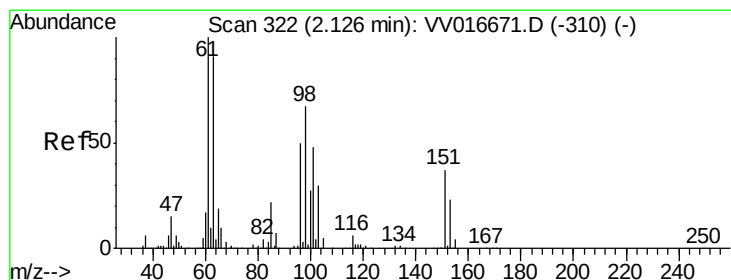
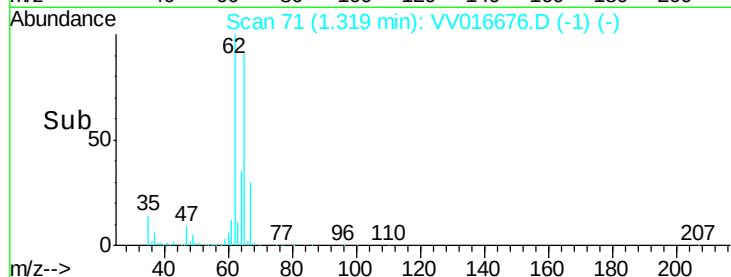
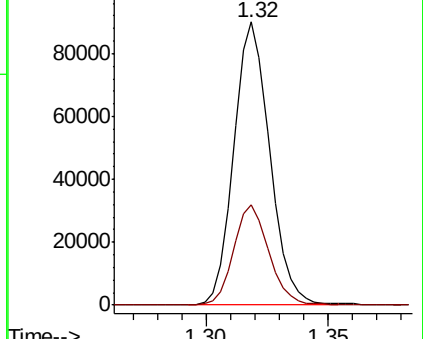
62 100

64 35.3 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV016676.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV016676.D (-63) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.754 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016676.D

Acq: 08 Jun 2020 22:10

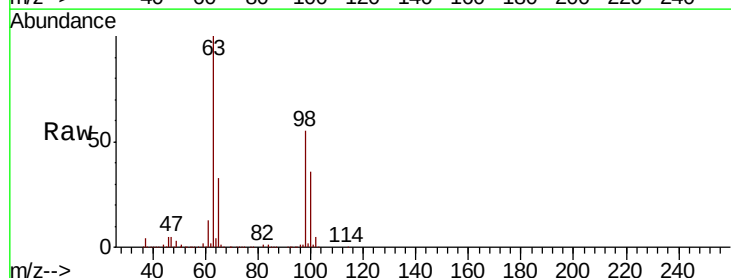
Tgt Ion: 101 Resp: 1335

Ion Ratio Lower Upper

101 100

85 1.5 35.5 53.3#

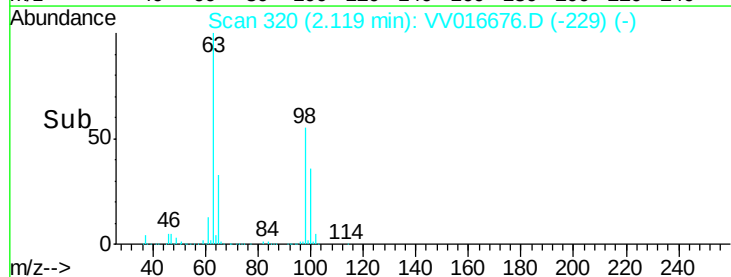
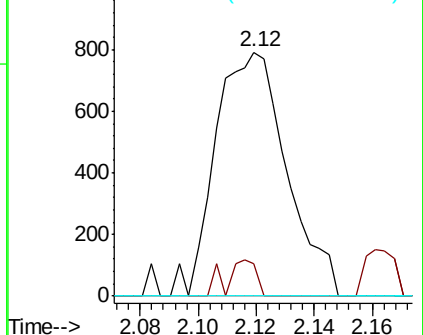
151 0.0 63.9 95.9#

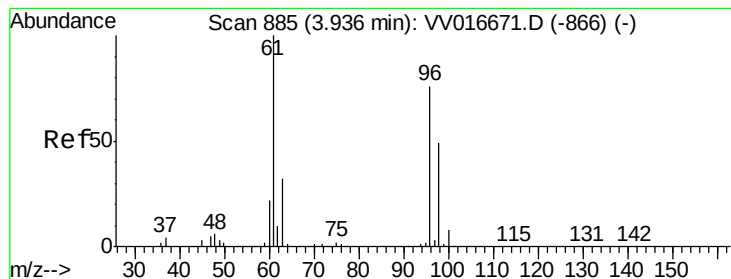


Abundance Ion 101.00 (100.70 to 101.70): VV016676.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV016676.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV016676.D (-229) (-)



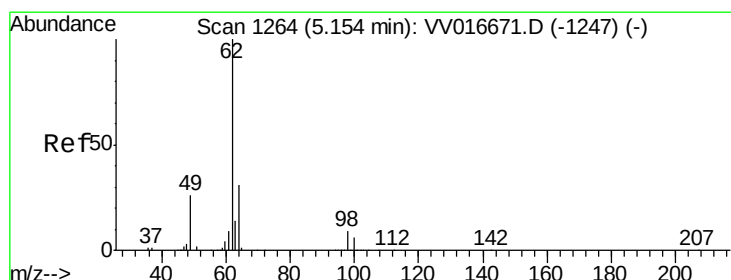
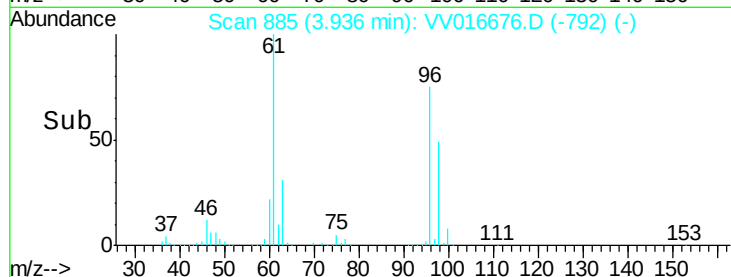
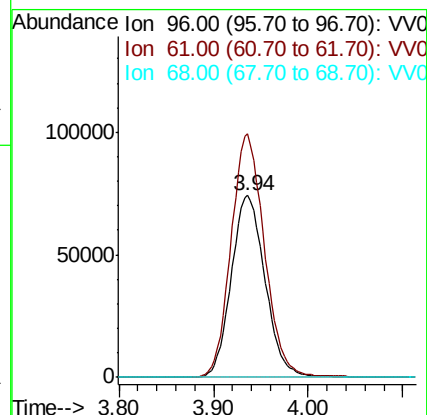
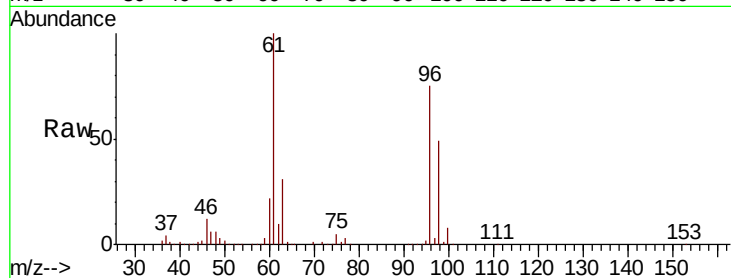


#20

cis-1,2-Dichloroethene
 Concen: 75.085 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016676.D
 Acq: 08 Jun 2020 22:10

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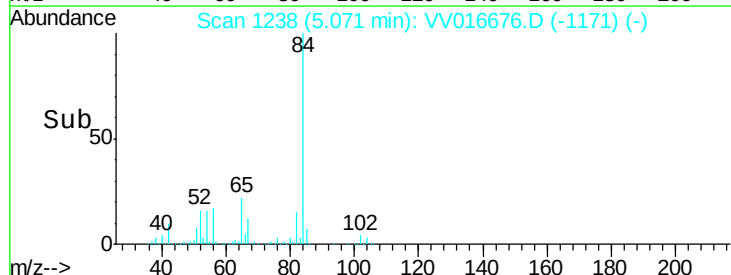
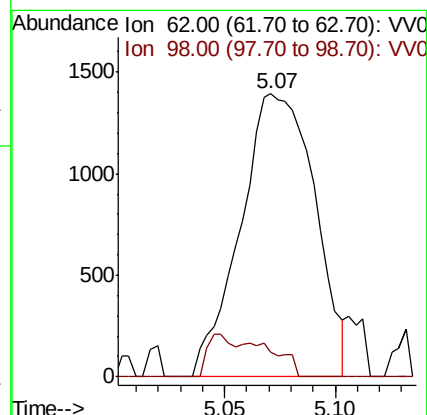
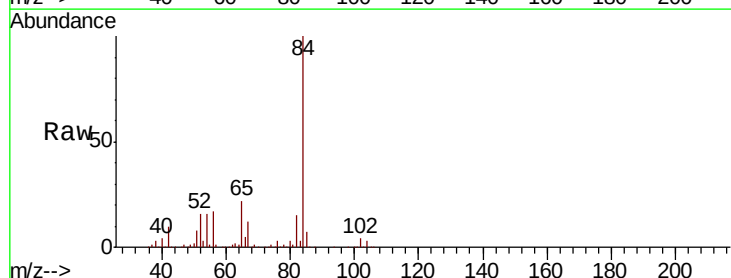
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	93.4	173.4
68	0.0	0.0	0.0

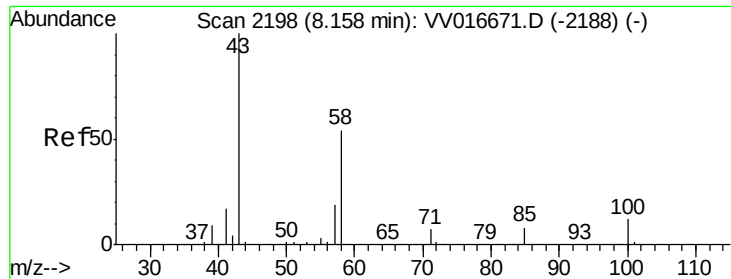


#27

1,2-Dichloroethane
 Concen: 0.892 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016676.D
 Acq: 08 Jun 2020 22:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.4	11.2





#48

2-Hexanone

Concen: 3.005 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016676.D

Acq: 08 Jun 2020 22:10

Instrument :
MSVOA_V
ClientSampleId :
ETTS1DL

Tot Ion: 43 Resp: 7816

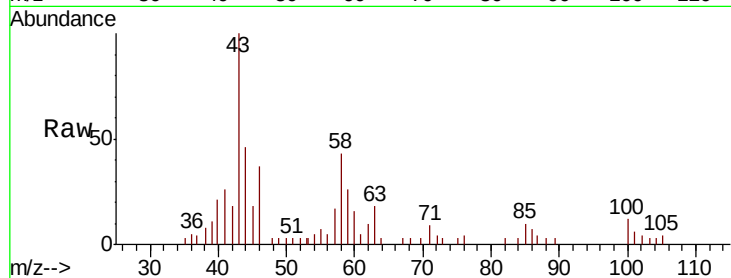
Ion Ratio Lower Upper

43 100

58 38.2 43.1 64.7#

57 5.7 15.3 22.9#

100 5.5 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

