

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015284.D
 Acq On : 30 Mar 2020 20:07
 Operator : SY/MD
 Sample : L1975-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	596894	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	571997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	247902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109895	25.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.50%#
7) Chloroethane-d5	1.58	69	125498	30.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.98%#
11) 1,1-Dichloroethene-d2	2.12	63	174472	18.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	37.18%#
21) 2-Butanone-d5	4.13	46	569	0.20	ug/L	0.19
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.20%#
24) Chloroform-d	4.38	84	265170	33.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.78%#
26) 1,2-Dichloroethane-d4	5.06	65	176036	34.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.84%#
32) Benzene-d6	5.08	84	474131	31.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.50%#
36) 1,2-Dichloropropane-d6	6.10	67	162708	34.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.70%#
41) Toluene-d8	7.34	98	427291	29.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	59.16%#
43) trans-1,3-Dichloropropene-	7.64	79	69200	27.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.42%#
47) 2-Hexanone-d5	8.11	63	220652	100.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	262702	38.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	173789	35.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.44%#

Target Compounds

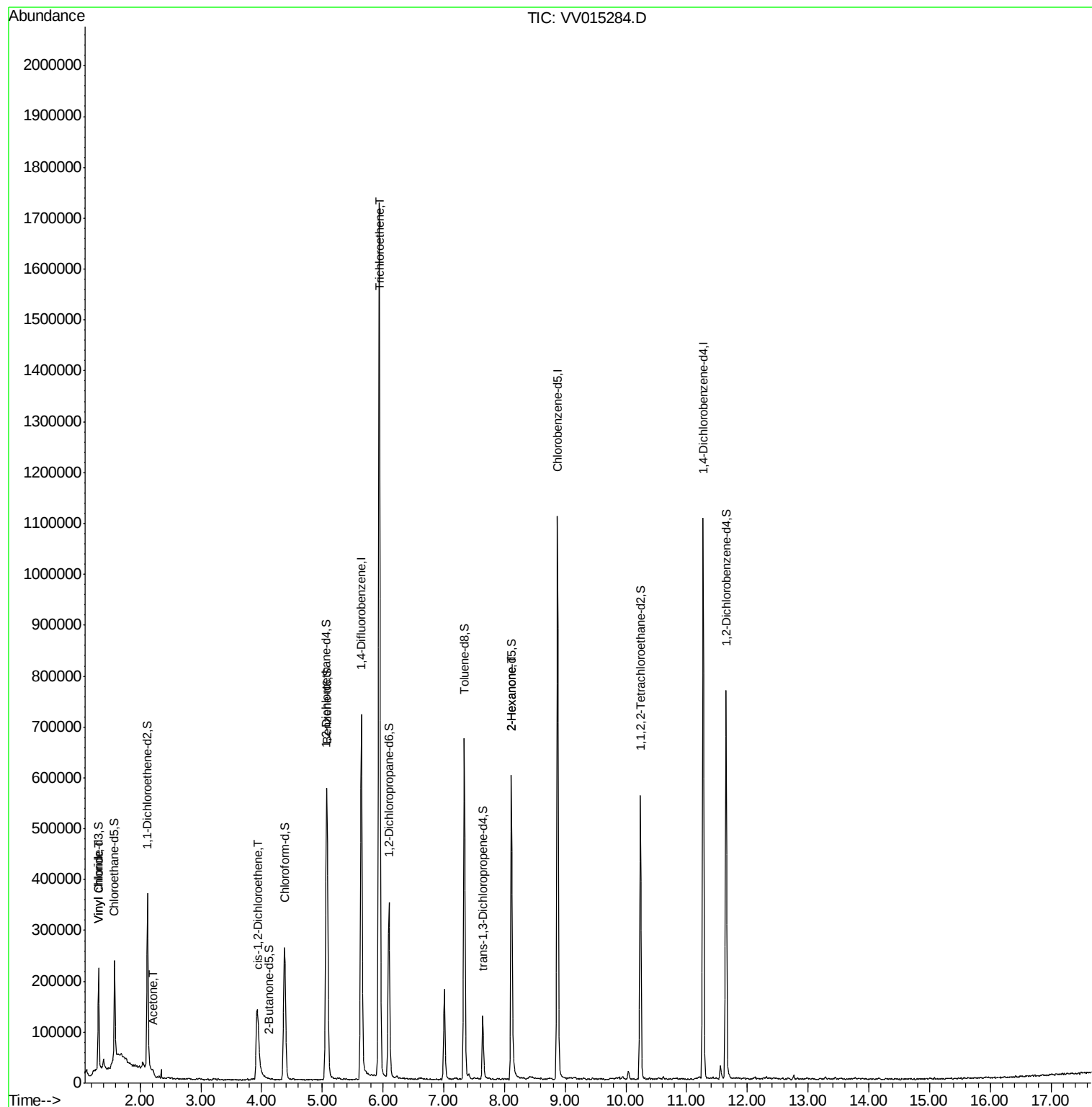
					Ovalue
5) Vinyl chloride	1.32	62	9566	1.901	ug/L # 23
13) Acetone	2.21	43	19893	10.243	ug/L 95
20) cis-1,2-Dichloroethene	3.95	96	11867	2.854	ug/L # 87
34) Trichloroethene	5.94	95	596893	146.939	ug/L 98
48) 2-Hexanone	8.11	43	26807	6.102	ug/L # 67

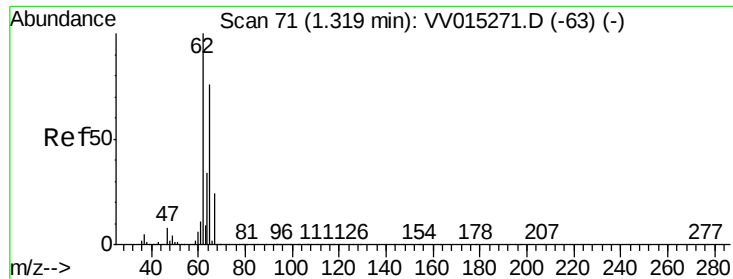
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.901 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015284.D

Acq: 30 Mar 2020 20:07

Instrument :

MSVOA_V

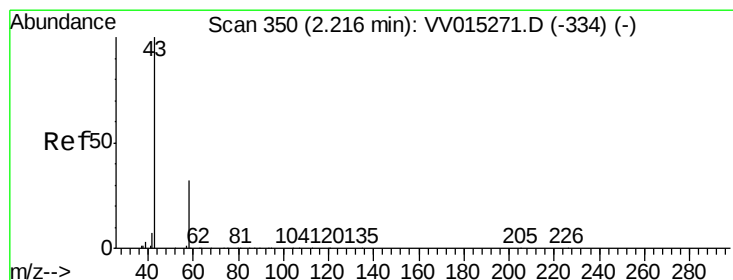
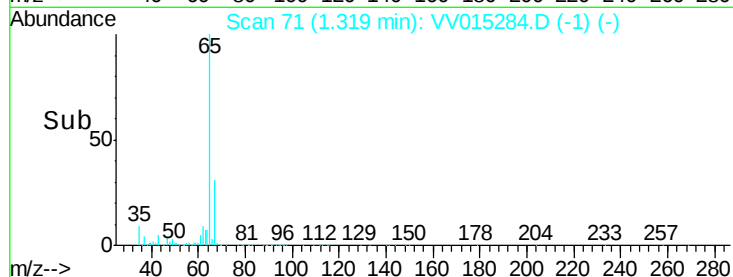
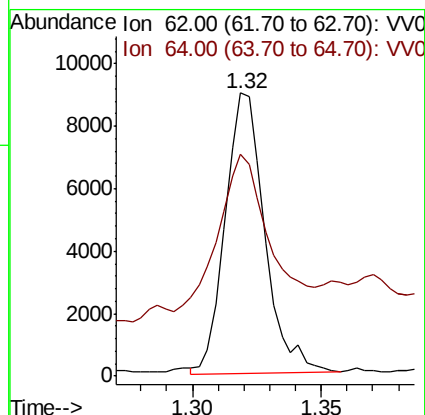
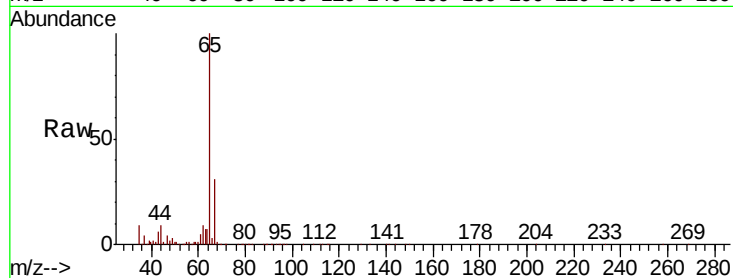
ClientSampled :

Tot Ion: 62 Resp: 9566

Ion Ratio Lower Upper

62 100

64 78.6 23.9 44.3#



#13

Acetone

Concen: 10.243 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV015284.D

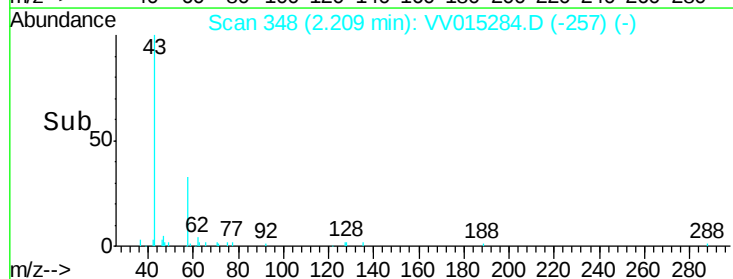
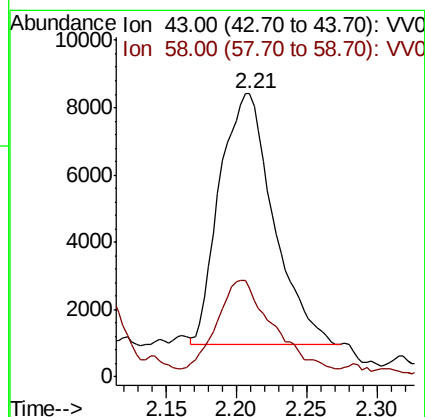
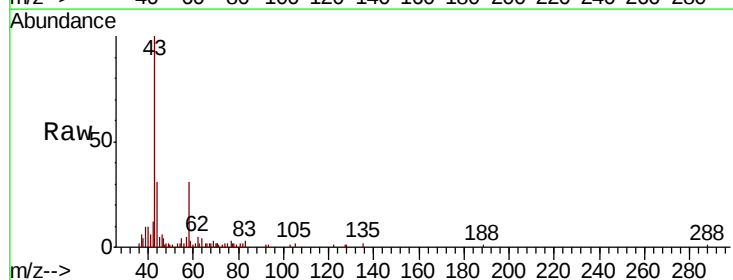
Acq: 30 Mar 2020 20:07

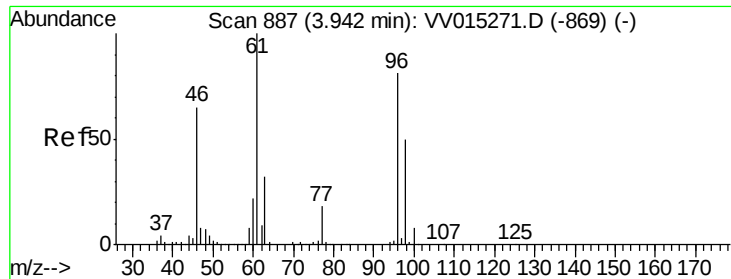
Tgt Ion: 43 Resp: 19893

Ion Ratio Lower Upper

43 100

58 34.8 0.0 63.6

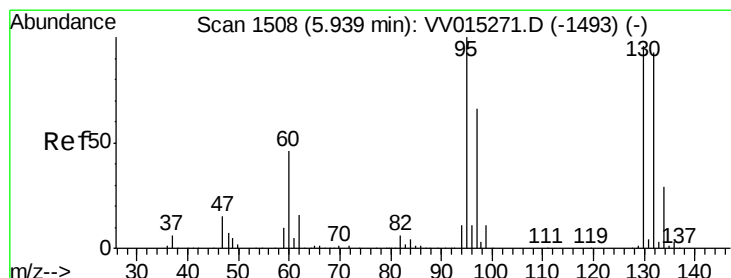
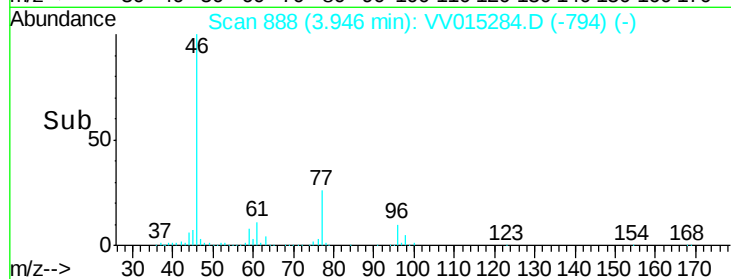
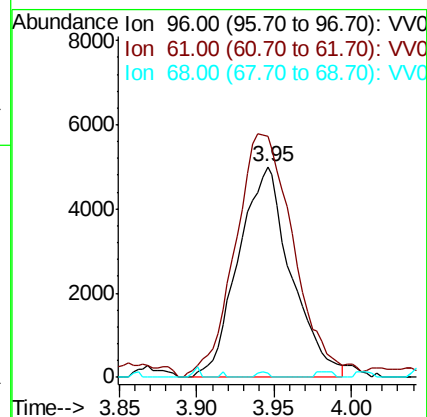
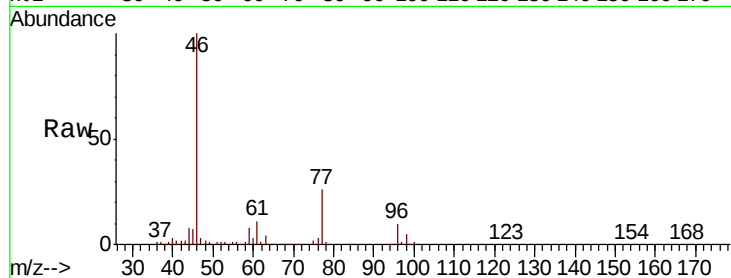




#20
 cis-1,2-Dichloroethene
 Concen: 2.854 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VV015284.D
 Acq: 30 Mar 2020 20:07

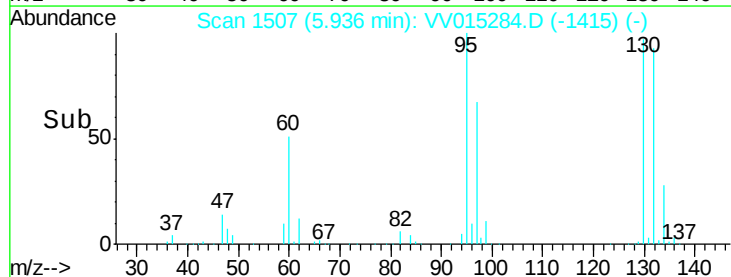
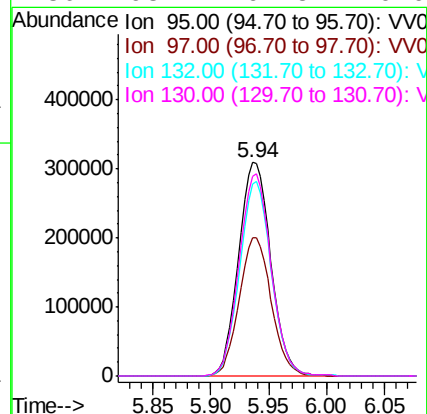
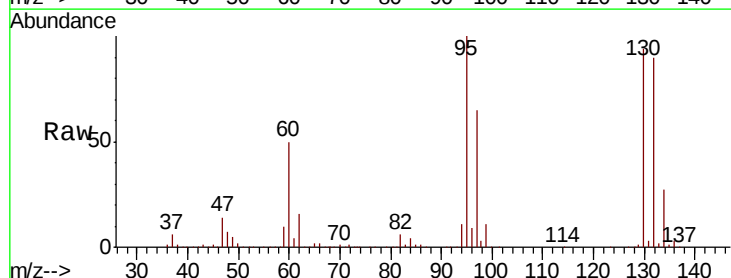
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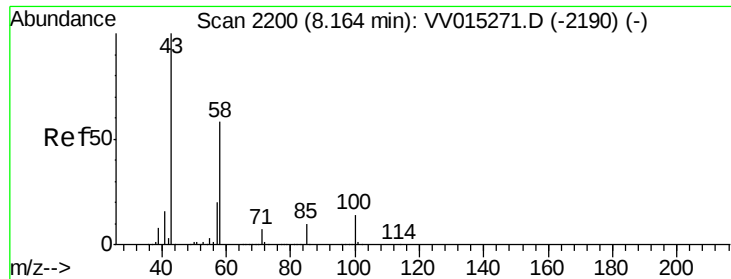
Tot Ion: 96 Resp: 11867
 Ion Ratio Lower Upper
 96 100
 61 114.1 90.2 167.6
 68 2.3 0.1 0.1#



#34
 Trichloroethene
 Concen: 146.939 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV015284.D
 Acq: 30 Mar 2020 20:07

Tgt Ion: 95 Resp: 596893
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.0 81.6
 132 89.9 61.8 114.8
 130 93.7 64.5 119.9





#48

2-Hexanone

Concen: 6.102 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015284.D

Acq: 30 Mar 2020 20:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 26807

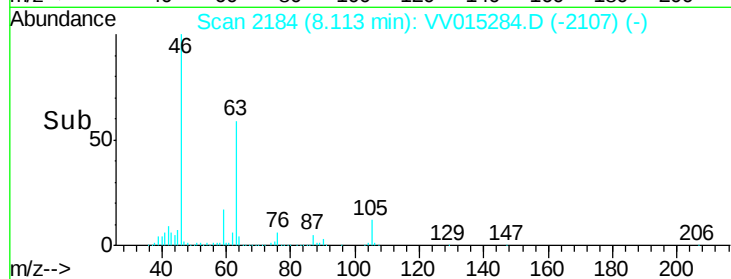
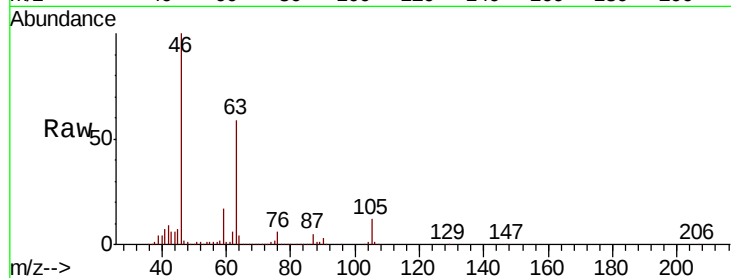
Ion Ratio Lower Upper

43 100

58 26.0 47.0 70.6#

57 19.9 16.2 24.2

100 0.0 11.0 16.6#



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

