

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017895.D
 Acq On : 15 Jan 2021 14:14
 Operator : SY/VA
 Sample : M1127-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:08:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299446	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126334	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101061	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	93125	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
10) 1,1-Dichloroethene-d2	4.02	63	147577	18.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.12%
20) 2-Butanone-d5	7.08	46	44163	58.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.62%
24) Chloroform-d	7.65	84	201858	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.31	65	114039	28.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.64%
29) Benzene-d6	8.27	84	393323	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.27	67	114403	26.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.04%
37) Toluene-d8	10.32	98	358061	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.16%
38) trans-1,3-Dichloropropene-	10.58	79	41931	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.00%
39) 2-Hexanone-d5	10.92	63	27977	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85082	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	113406	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

Target Compounds

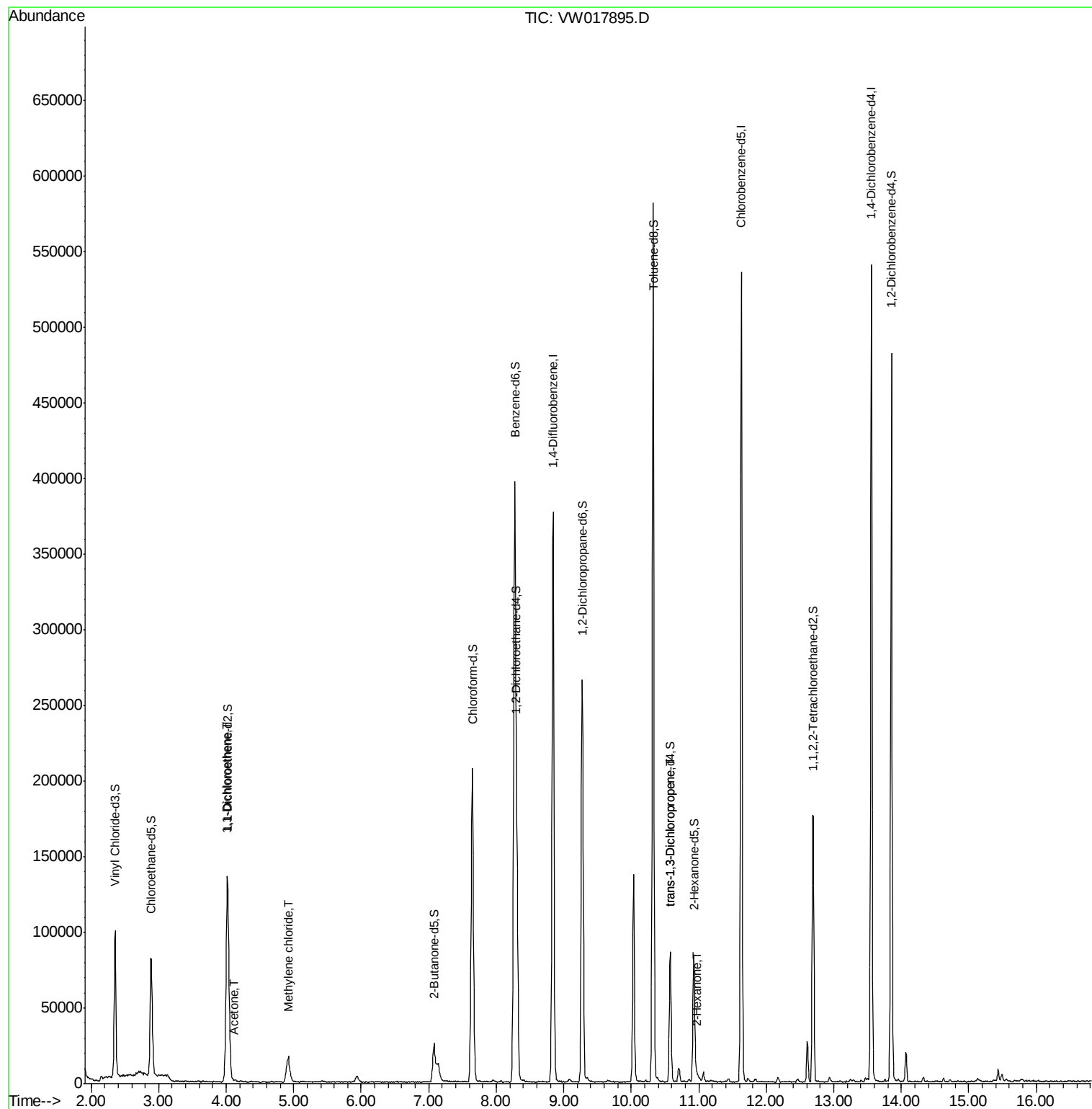
				Ovalue	
12) 1,1-Dichloroethene	4.01	96	1048	0.284	ug/L # 1
13) Acetone	4.12	43	505	0.779	ug/L 55
16) Methylene chloride	4.92	84	12452	2.908	ug/L # 84
45) trans-1,3-Dichloropropene	10.57	75	2807	0.556	ug/L # 79
49) 2-Hexanone	10.98	43	1099	0.858	ug/L # 87

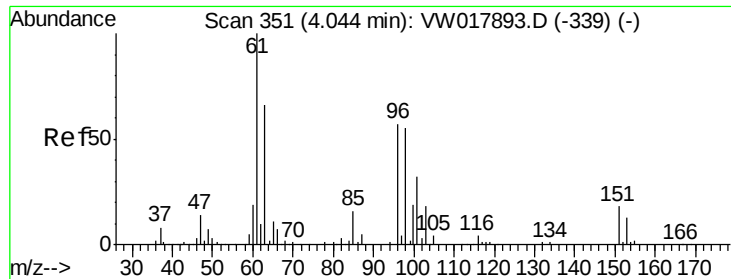
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.284 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.04 min

Lab File: VW017895.D

Acq: 15 Jan 2021 14:14

Instrument :

MSVOA_W

ClientSampleId :

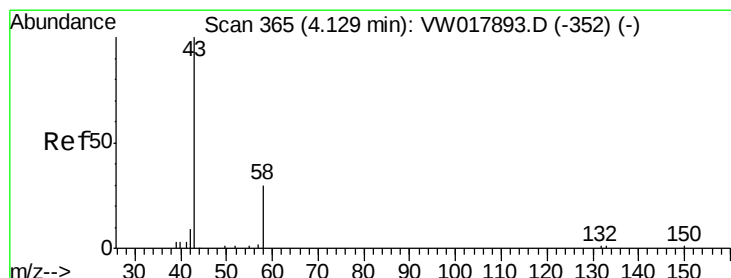
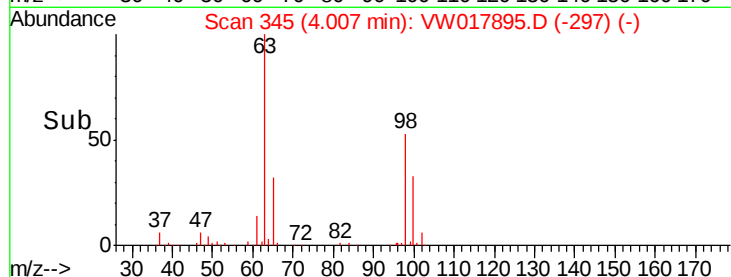
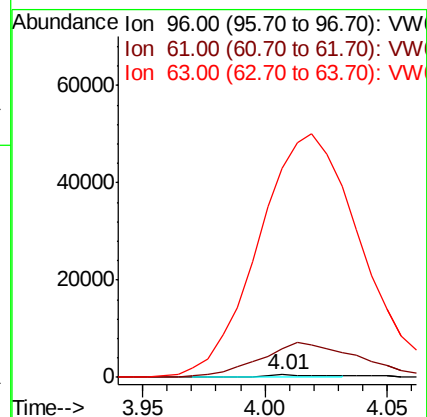
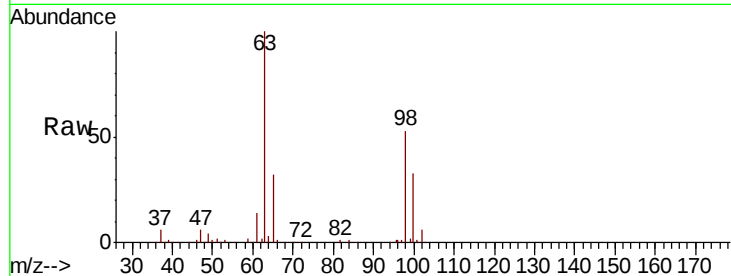
Tot Ion: 96 Resp: 1048

Ion Ratio Lower Upper

96 100

61 1020.6 112.5 208.9#

63 7389.4 83.1 154.3#



#13

Acetone

Concen: 0.779 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017895.D

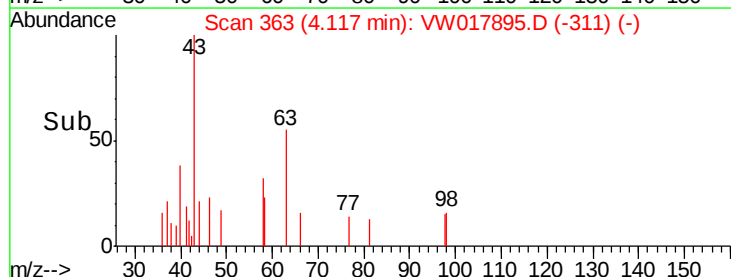
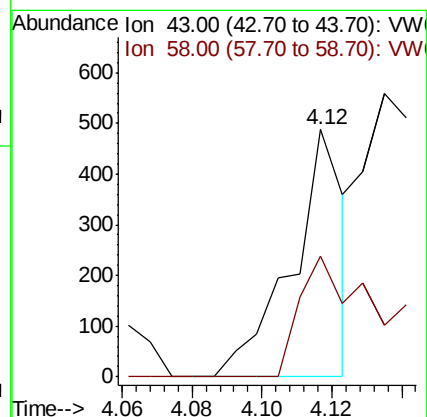
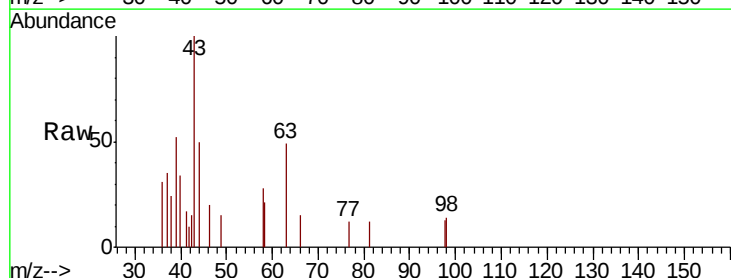
Acq: 15 Jan 2021 14:14

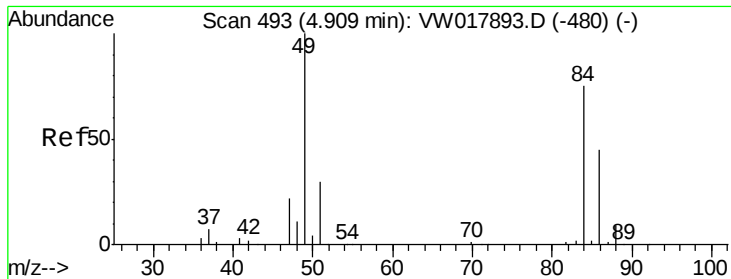
Tgt Ion: 43 Resp: 505

Ion Ratio Lower Upper

43 100

58 60.0 0.0 68.4

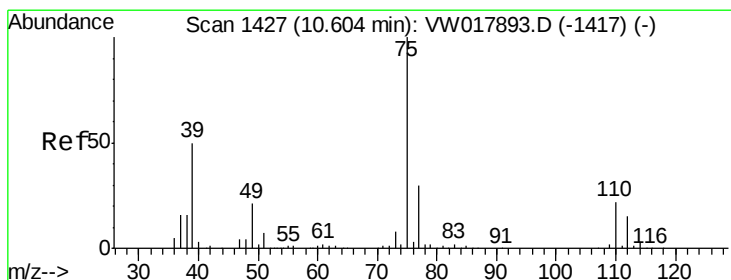
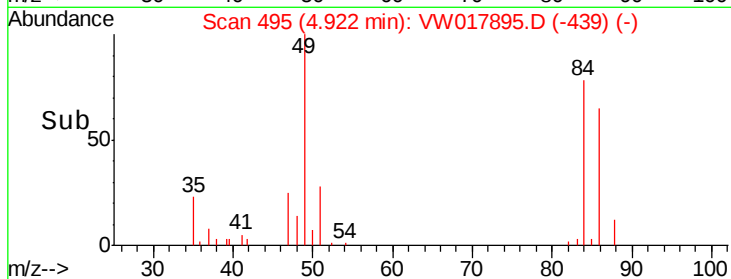
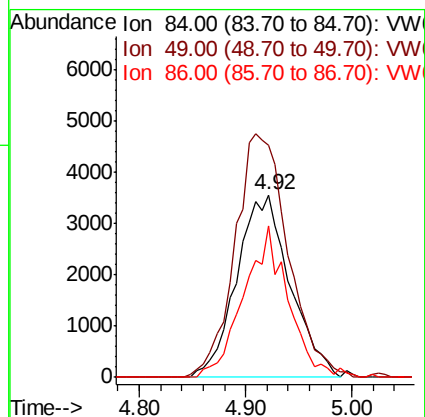
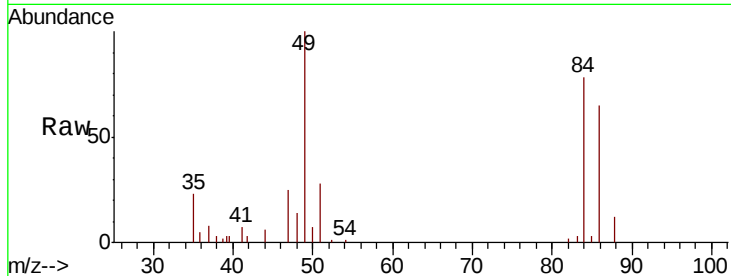




#16
Methylene chloride
Concen: 2.908 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017895.D
Acq: 15 Jan 2021 14:14

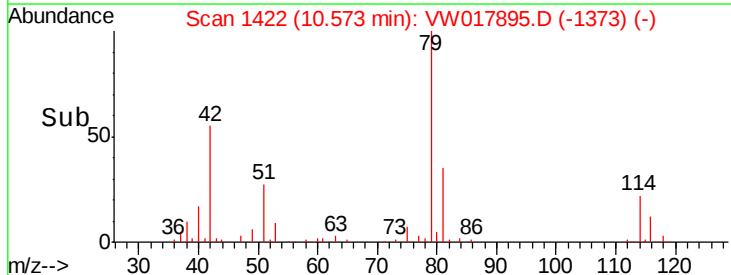
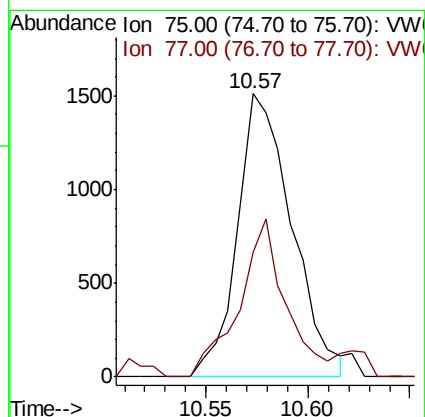
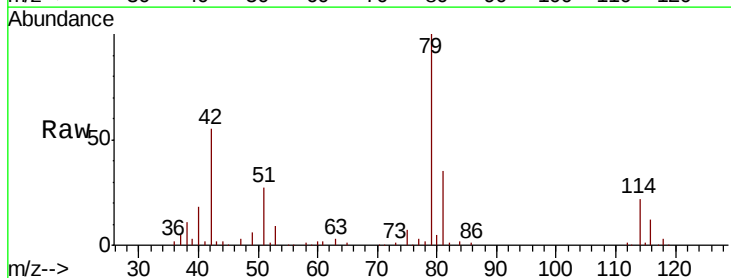
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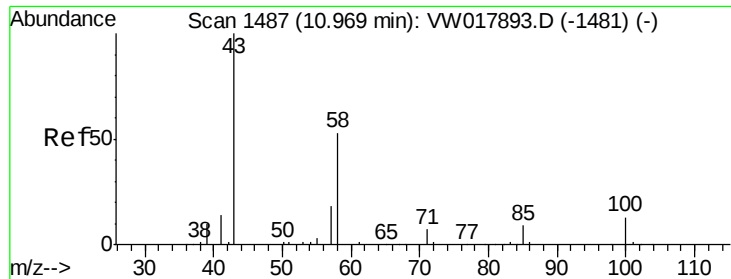
Tot Ion: 84 Resp: 12452
Ion Ratio Lower Upper
84 100
49 127.4 81.2 150.8
86 83.2 44.5 82.7#



#45
trans-1,3-Dichloropropene
Concen: 0.556 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017895.D
Acq: 15 Jan 2021 14:14

Tgt Ion: 75 Resp: 2807
Ion Ratio Lower Upper
75 100
77 44.1 22.6 42.0#





#49

2-Hexanone

Concen: 0.858 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017895.D

Acq: 15 Jan 2021 14:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1099

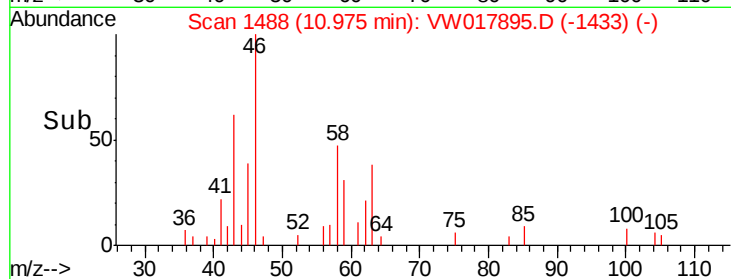
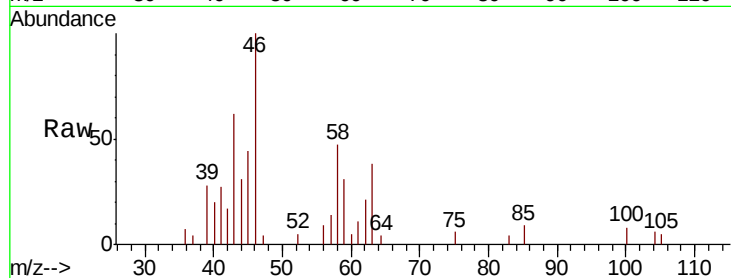
Ion Ratio Lower Upper

43 100

58 61.4 51.3 76.9

57 41.9 15.0 22.6#

100 17.7 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

