

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017134.D
 Acq On : 10 Nov 2020 12:50
 Operator : SY/VA
 Sample : L4659-15
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B4

Quant Time: Nov 11 06:02:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	525280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145971	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
7) Chloroethane-d5	2.89	69	119062	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
10) 1,1-Dichloroethene-d2	4.02	63	196933	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	7.09	46	41956	28.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.72%
24) Chloroform-d	7.65	84	273066	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.31	65	127214	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.48%
29) Benzene-d6	8.28	84	547919	22.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.84%
33) 1,2-Dichloropropane-d6	9.28	67	151330	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.33	98	525906	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.59	79	56864	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.93	63	33048	28.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99013	17.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	177291	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

Target Compounds

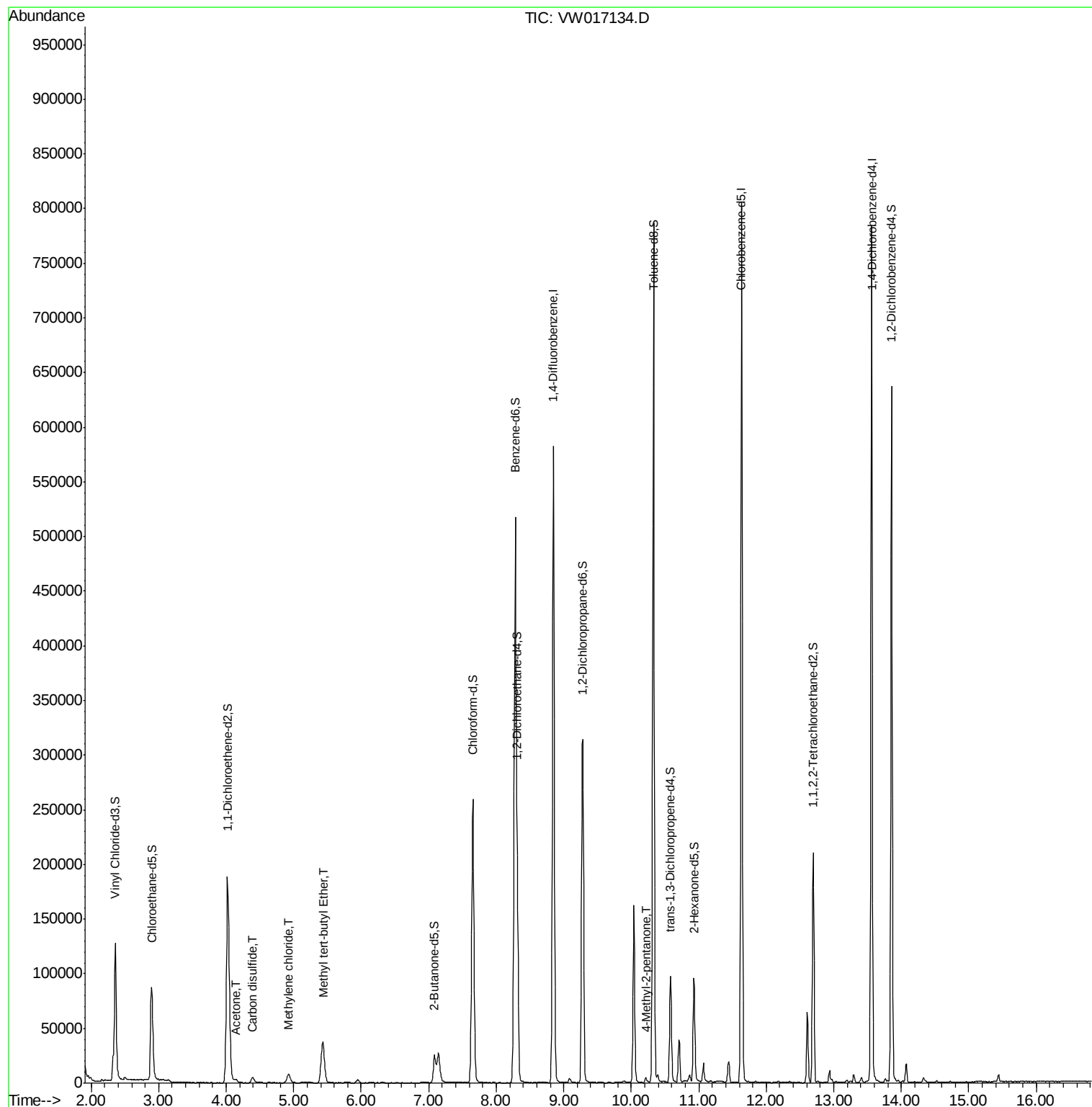
					Ovalue
13) Acetone	4.15	43	4666	4.710	ug/L 96
14) Carbon disulfide	4.39	76	10918	0.615	ug/L 98
16) Methylene chloride	4.93	84	7428	1.049	ug/L 88
17) Methyl tert-butyl Ether	5.43	73	61727	7.754	ug/L 98
43) 4-Methyl-2-pentanone	10.22	43	3166	0.882	ug/L 98

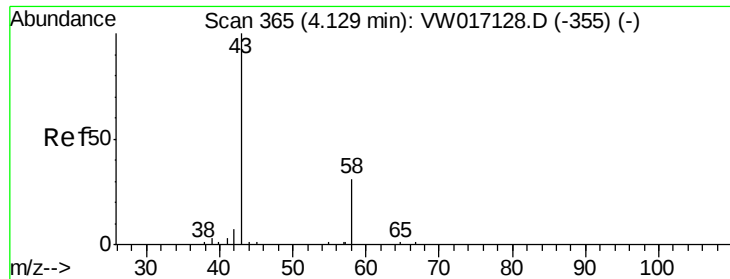
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.710 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

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Acq: 10 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

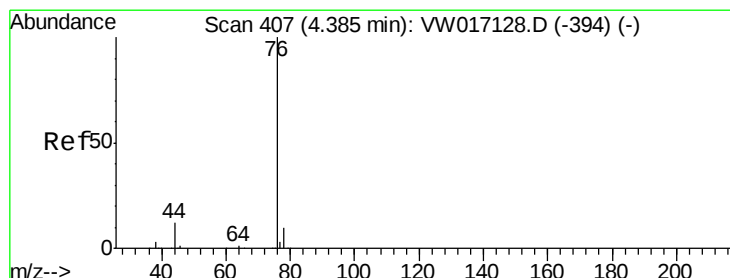
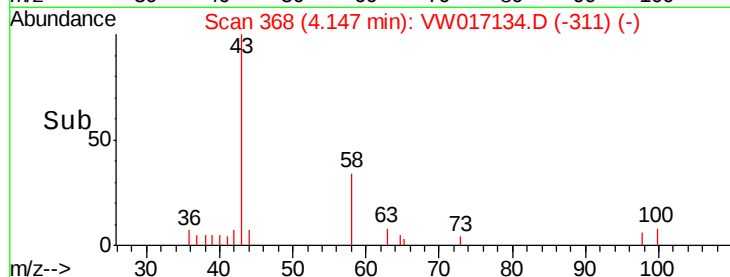
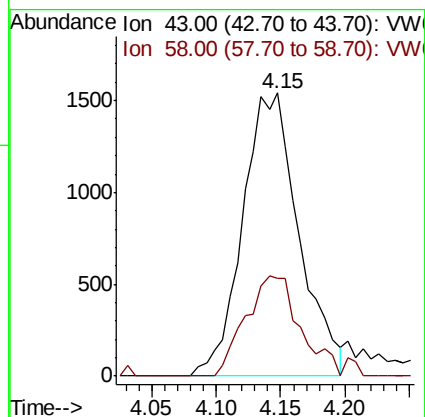
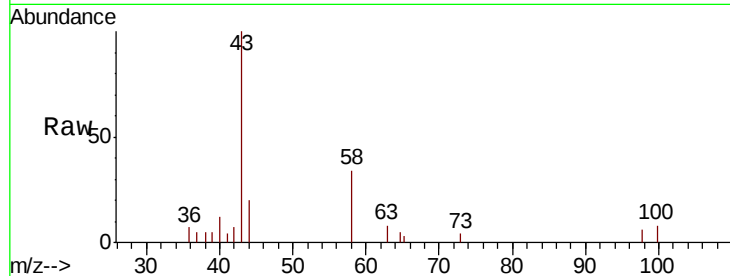
BG4B4

Tot Ion: 43 Resp: 4666

Ion Ratio Lower Upper

43 100

58 32.2 0.0 69.2



#14

Carbon disulfide

Concen: 0.615 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017134.D

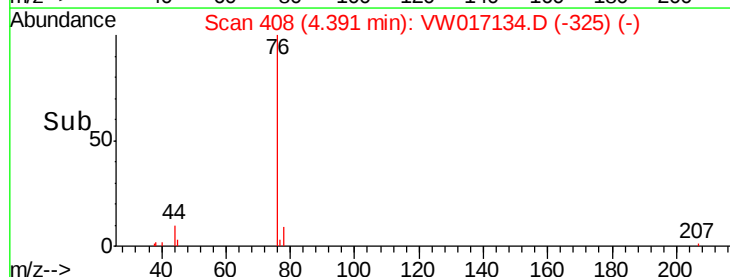
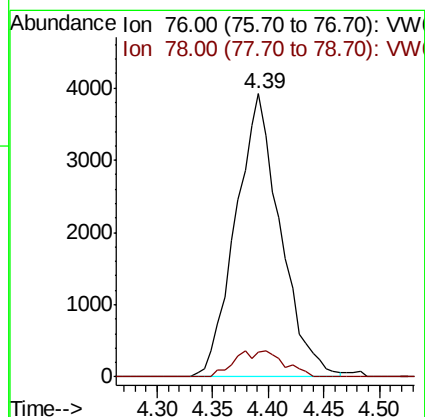
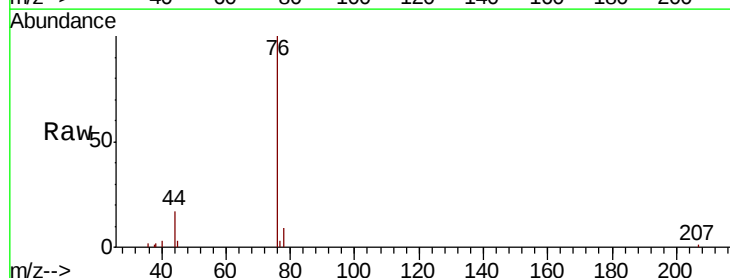
Acq: 10 Nov 2020 12:50

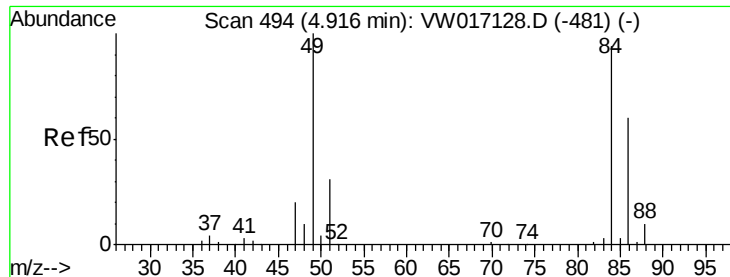
Tgt Ion: 76 Resp: 10918

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

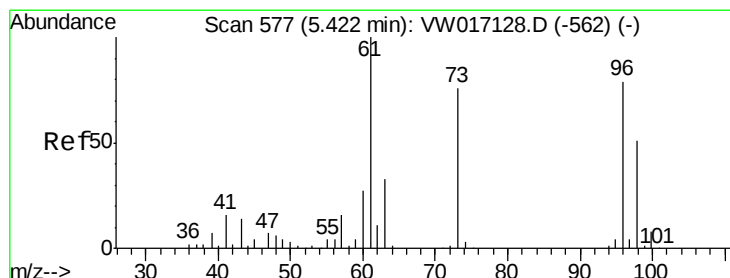
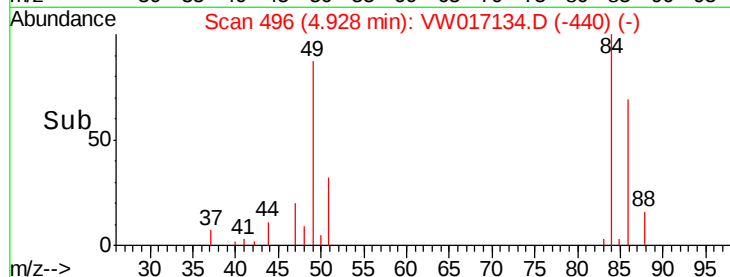
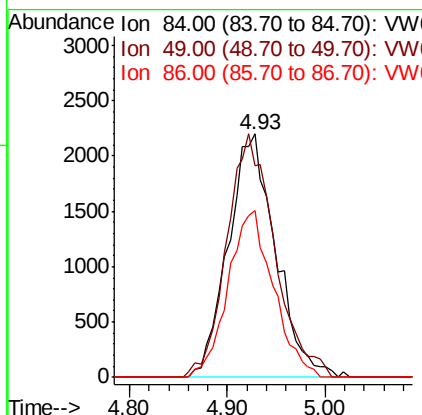
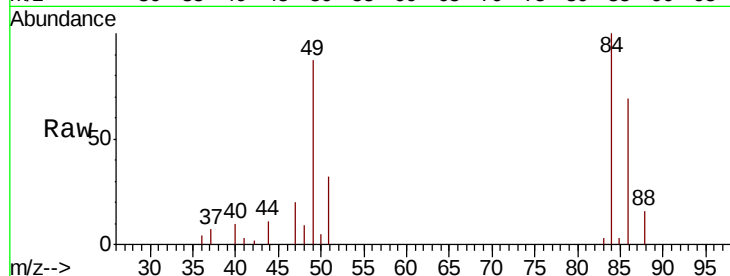




#16
Methylene chloride
Concen: 1.049 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017134.D
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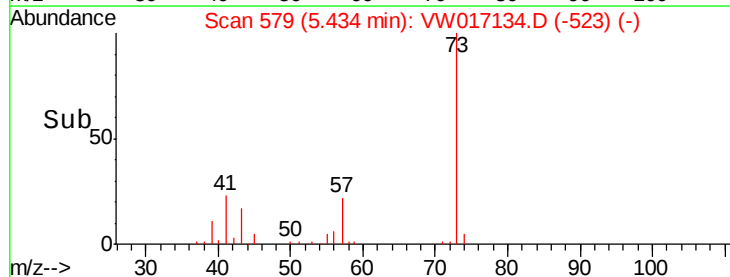
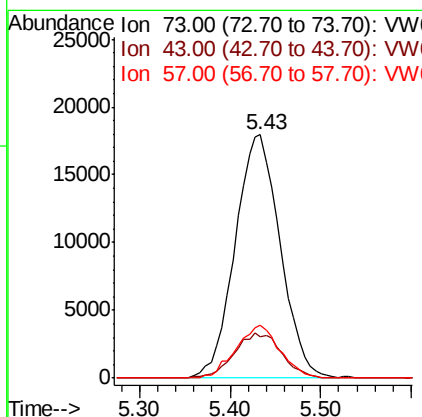
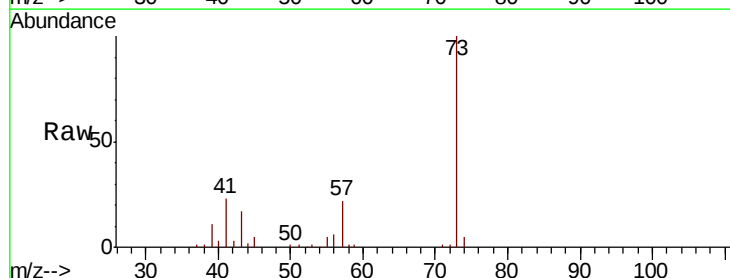
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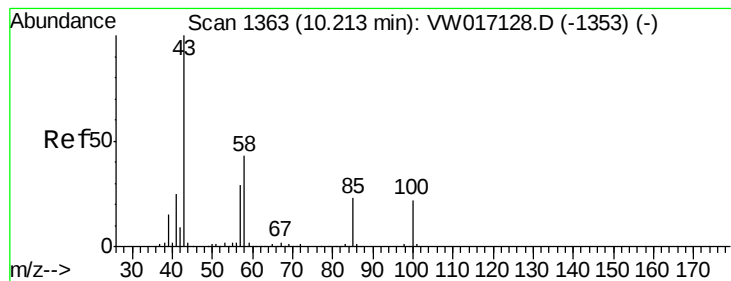
Tot Ion: 84 Resp: 7428
Ion Ratio Lower Upper
84 100
49 86.9 72.3 134.3
86 68.5 45.1 83.7



#17
Methyl tert-butyl Ether
Concen: 7.754 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Tgt Ion: 73 Resp: 61727
Ion Ratio Lower Upper
73 100
43 19.3 14.5 21.7
57 21.1 16.3 24.5





#43

4-Methyl-2-pentanone

Concen: 0.882 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017134.D

Acq: 10 Nov 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

BG4B4

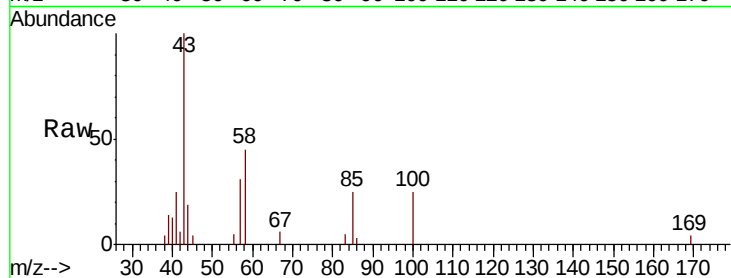
Tot Ion: 43 Resp: 3166

Ion Ratio Lower Upper

43 100

58 41.8 35.0 52.6

100 21.2 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

