

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010209.D
 Acq On : 30 Apr 2019 06:23
 Operator : SY/VA
 Sample : K2613-02
 Misc : 3.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 06:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	258375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67404	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65915	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.04%
7) Chloroethane-d5	2.89	69	68792	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.01	63	114120	13.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.32%
20) 2-Butanone-d5	7.08	46	40290	29.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.88%
24) Chloroform-d	7.64	84	235397	27.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.08%
26) 1,2-Dichloroethane-d4	8.31	65	144194	29.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.44%
29) Benzene-d6	8.27	84	367414	26.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.64%
33) 1,2-Dichloropropane-d6	9.27	67	140674	32.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.48%#
37) Toluene-d8	10.32	98	280852	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.58	79	37206	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.32%
39) 2-Hexanone-d5	10.93	63	23869	26.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110360	29.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	72430	28.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.72%

Target Compounds

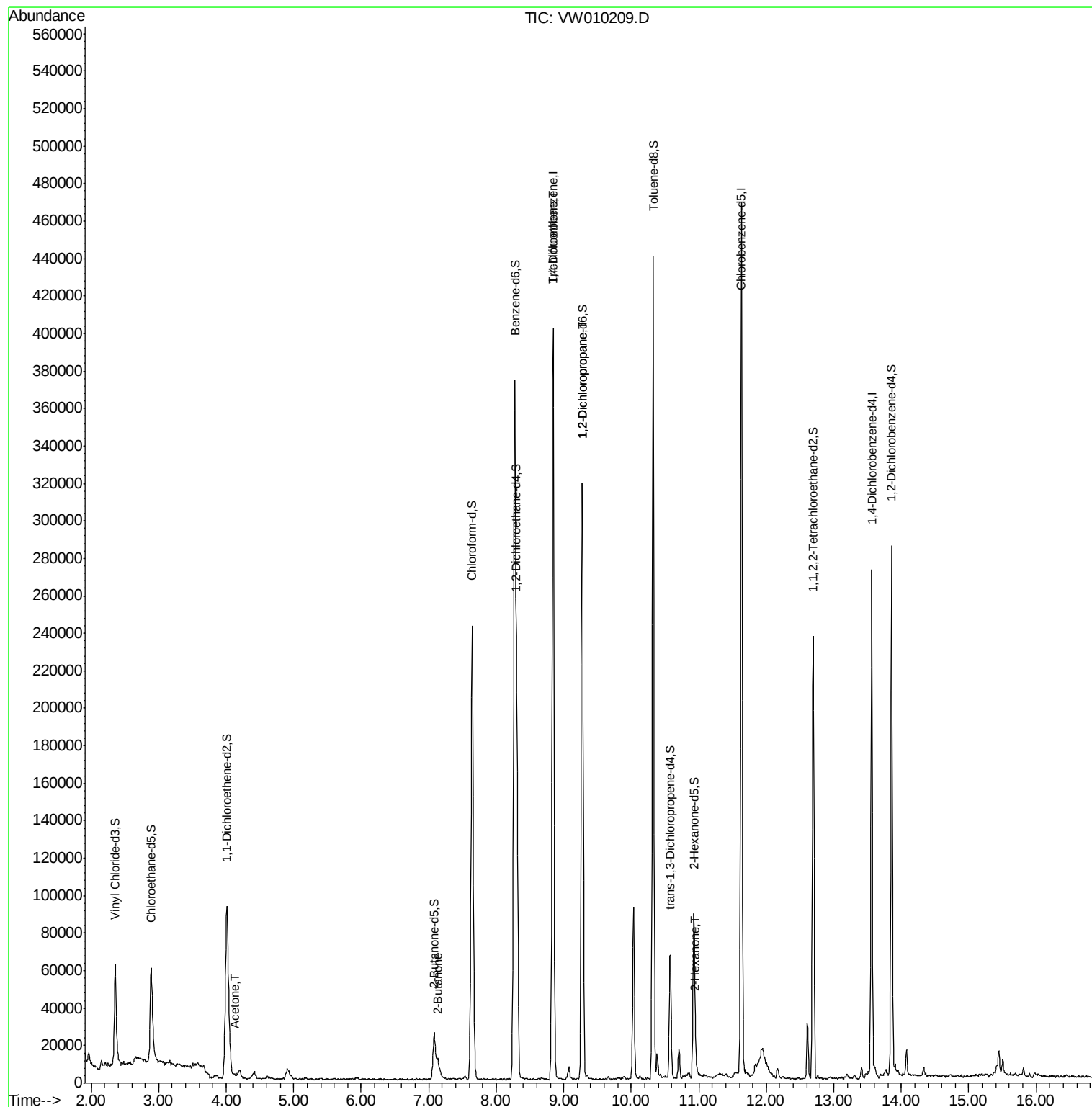
					Ovalue
13) Acetone	4.13	43	1814	1.677 ug/L	80
21) 2-Butanone	7.14	43	15176	10.006 ug/L #	51
35) Trichloroethene	8.84	95	10189	2.636 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	16715	4.443 ug/L #	86
49) 2-Hexanone	10.96	43	4174	2.202 ug/L #	49

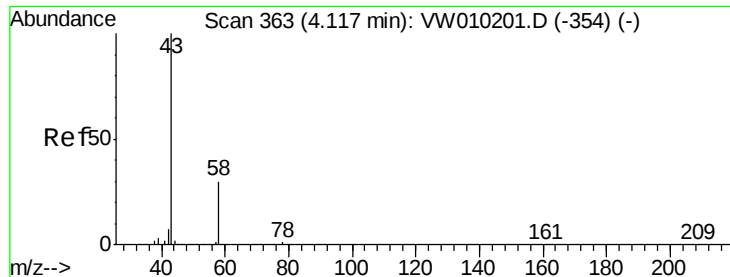
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.677 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010209.D

Acq: 30 Apr 2019 06:23

Instrument :

MSVOA_W

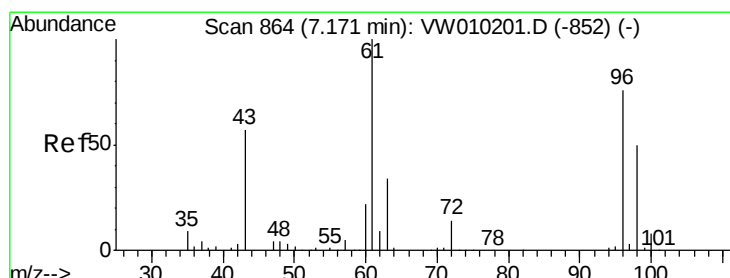
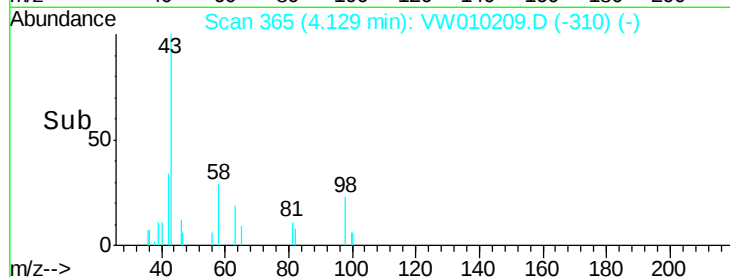
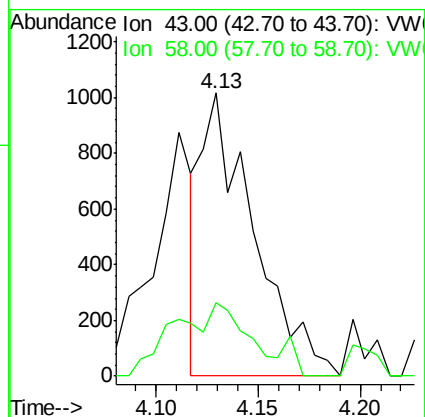
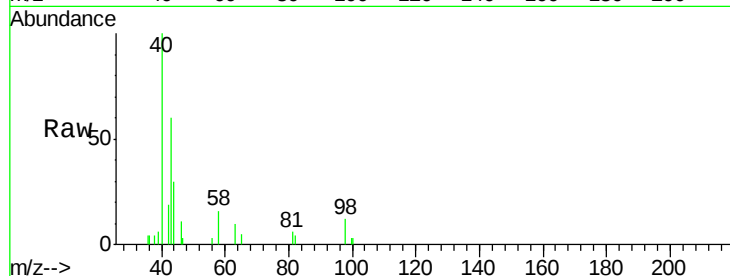
ClientSampled :

Tot Ion: 43 Resp: 1814

Ion Ratio Lower Upper

43 100

58 18.9 0.0 59.8



#21

2-Butanone

Concen: 10.006 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010209.D

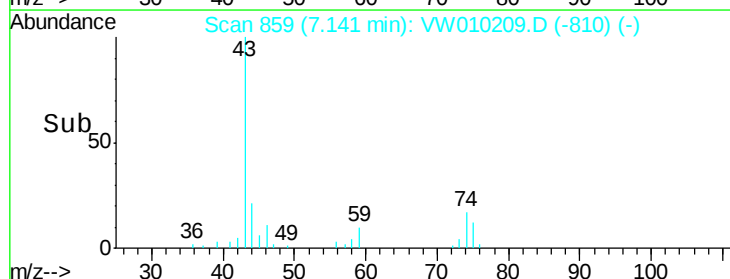
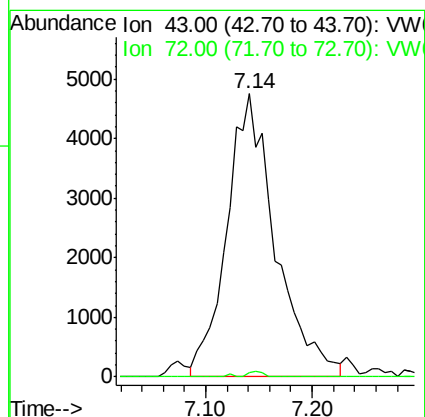
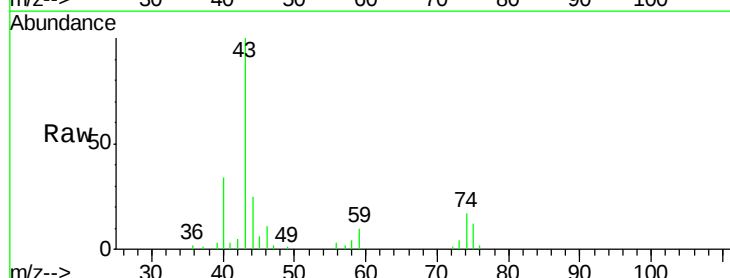
Acq: 30 Apr 2019 06:23

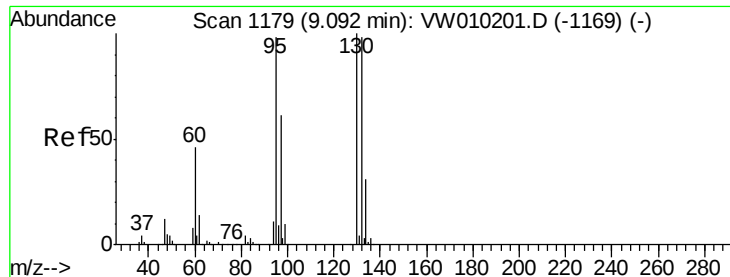
Tgt Ion: 43 Resp: 15176

Ion Ratio Lower Upper

43 100

72 0.6 12.8 38.3#





#35

Trichloroethene

Concen: 2.636 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

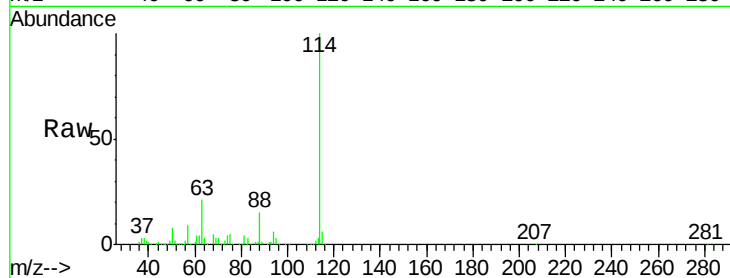
Lab File: VW010209.D

Acq: 30 Apr 2019 06:23

Instrument :

MSVOA_W

ClientSampled :



Tot Ion: 95 Resp: 10189

Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 69.2 128.6#

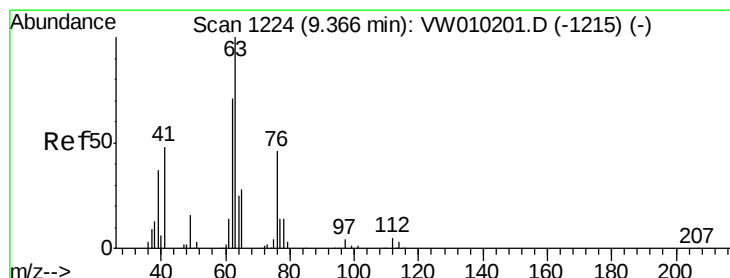
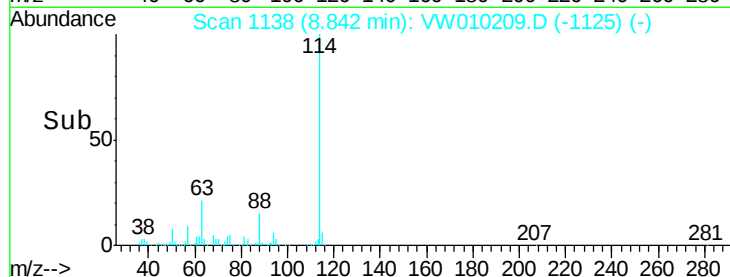
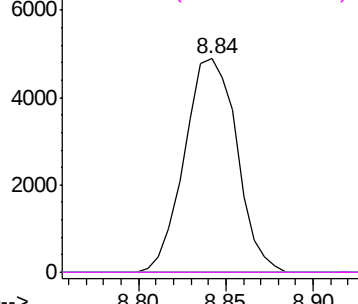
130 0.0 72.2 134.2#

Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 4.443 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW010209.D

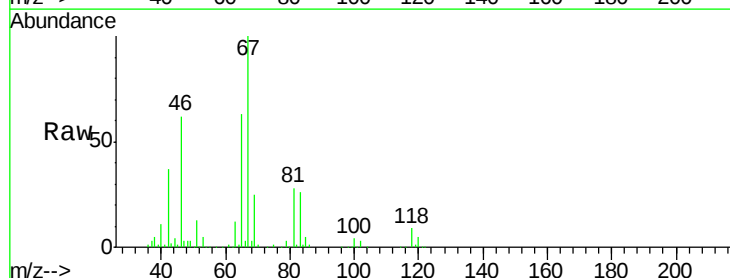
Acq: 30 Apr 2019 06:23

Tgt Ion: 63 Resp: 16715

Ion Ratio Lower Upper

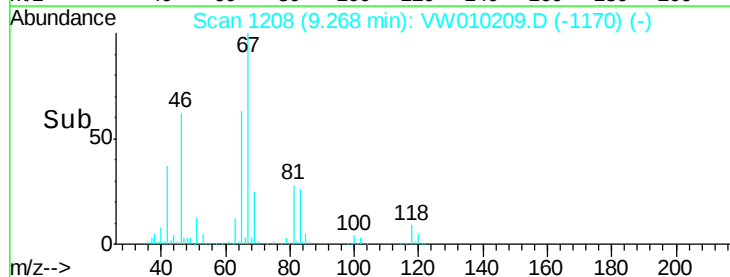
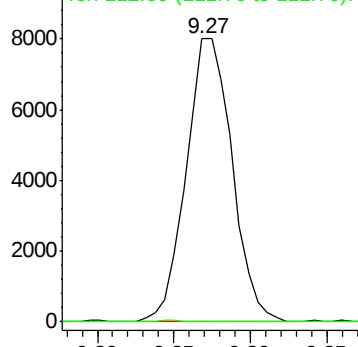
63 100

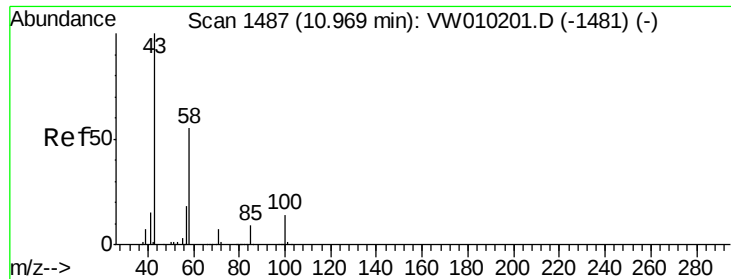
112 0.3 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 2.202 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

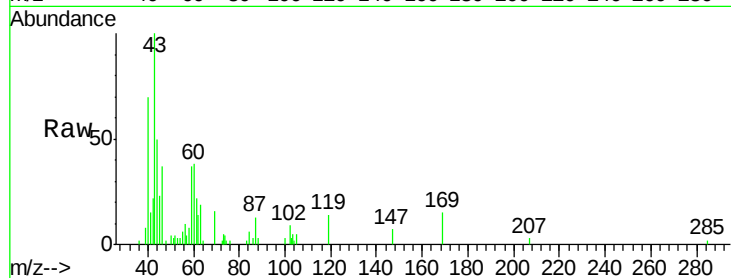
Lab File: VW010209.D

Acq: 30 Apr 2019 06:23

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 4174

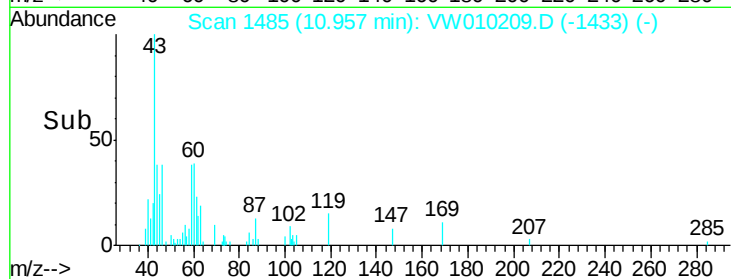
Ion Ratio Lower Upper

43 100

58 6.0 41.4 62.2#

57 6.4 14.8 22.2#

100 0.9 9.3 13.9#



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

