

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005764.D
 Acq On : 02 Oct 2018 04:57
 Operator : SY/AP
 Sample : J5181-11
 Misc : 4.81G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:21:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	234376	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	59657	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	42984	14.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.56%
7) Chloroethane-d5	2.90	69	37546	16.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.44%
10) 1,1-Dichloroethene-d2	4.01	63	73768	11.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.24%
20) 2-Butanone-d5	7.09	46	13178	13.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.48%
24) Chloroform-d	7.65	84	132688	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.31	65	84346	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.28	84	224570	23.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.08%
33) 1,2-Dichloropropane-d6	9.28	67	77409	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.00%
37) Toluene-d8	10.33	98	181646	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.24%
38) trans-1,3-Dichloropropene-	10.58	79	25111	17.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.56%
39) 2-Hexanone-d5	10.93	63	8676	13.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62595	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	44537	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

Target Compounds

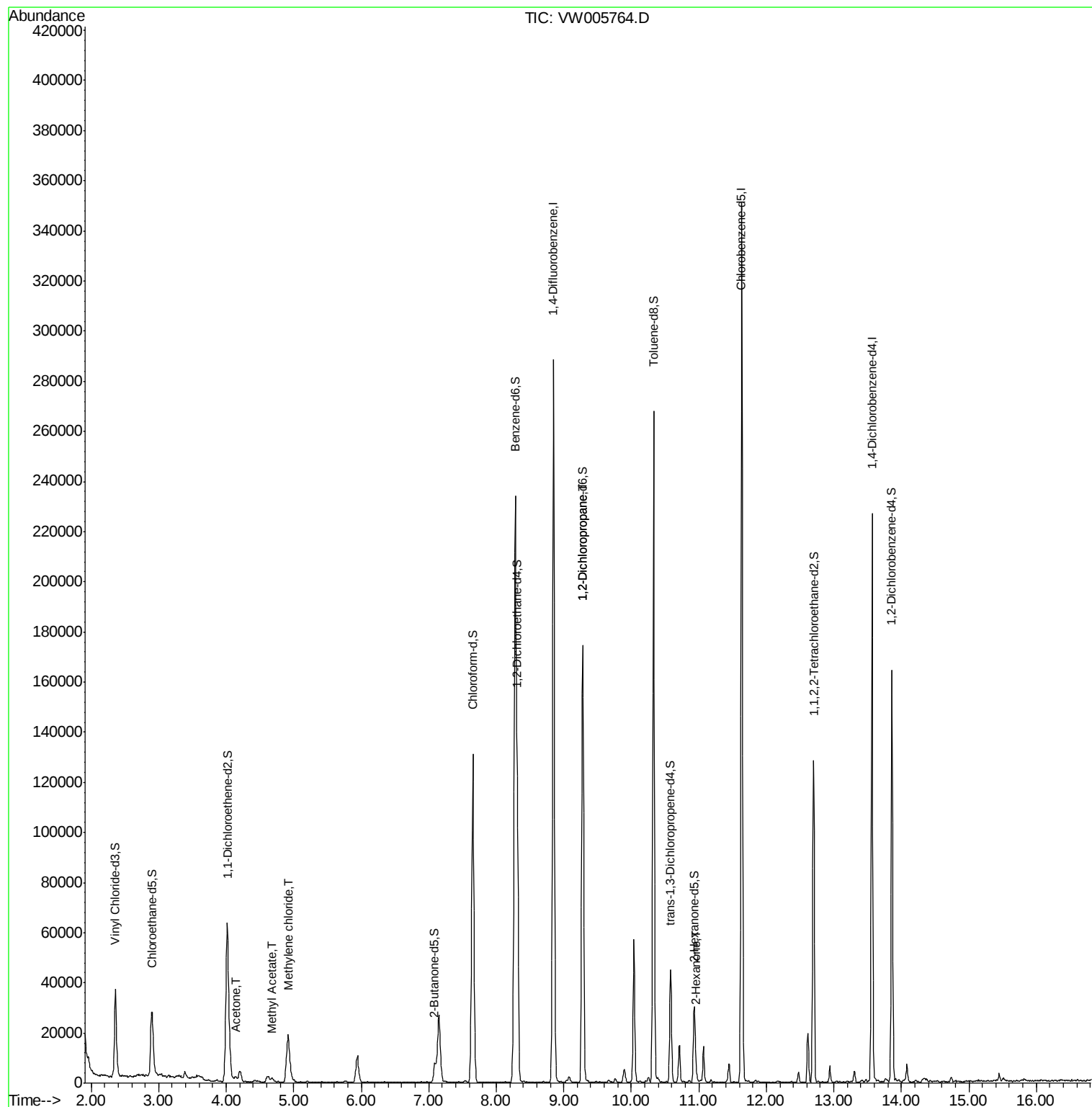
					Ovalue
13) Acetone	4.14	43	2470	2.473 ug/L	94
15) Methyl Acetate	4.68	43	1510	0.852 ug/L #	82
16) Methylene chloride	4.92	84	15063	3.898 ug/L	93
40) 1,2-Dichloropropane	9.28	63	9193	3.424 ug/L #	88
49) 2-Hexanone	10.96	43	4067	2.644 ug/L #	40

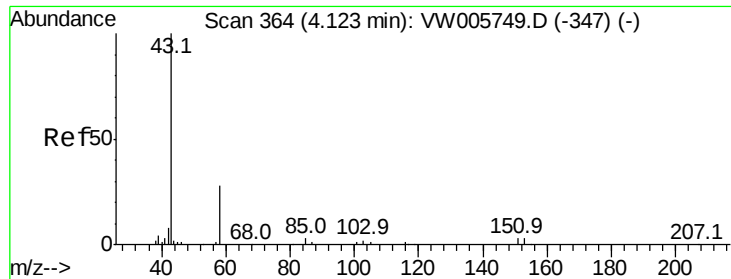
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.473 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005764.D

Acq: 02 Oct 2018 04:57

Instrument :

MSVOA_W

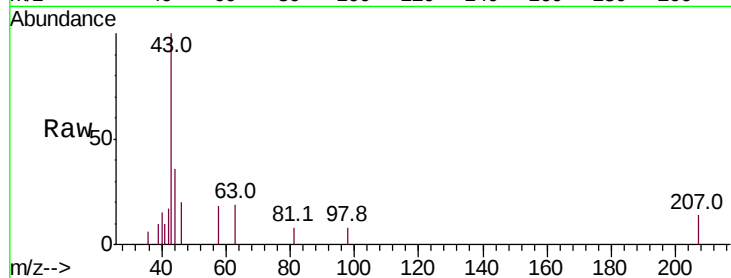
ClientSampled :

Tot Ion: 43 Resp: 2470

Ion Ratio Lower Upper

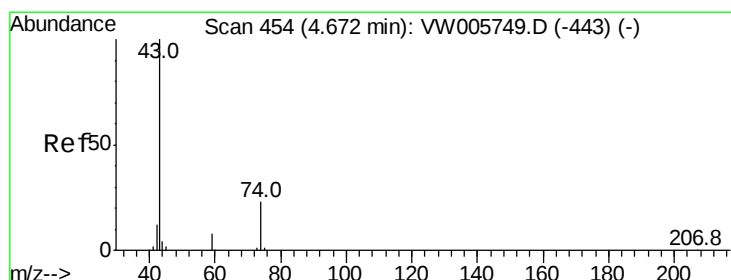
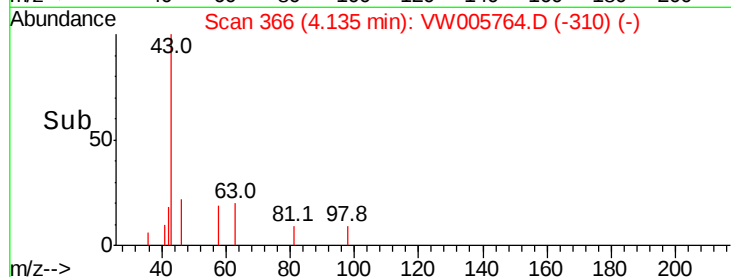
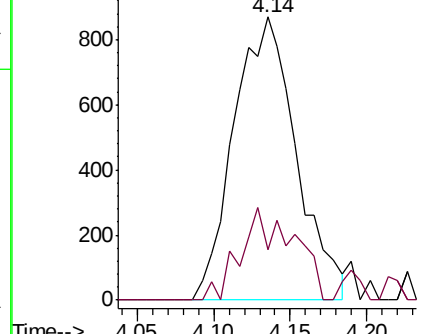
43 100

58 13.2 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.852 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005764.D

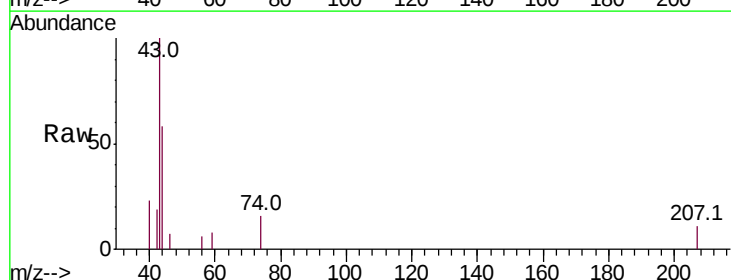
Acq: 02 Oct 2018 04:57

Tgt Ion: 43 Resp: 1510

Ion Ratio Lower Upper

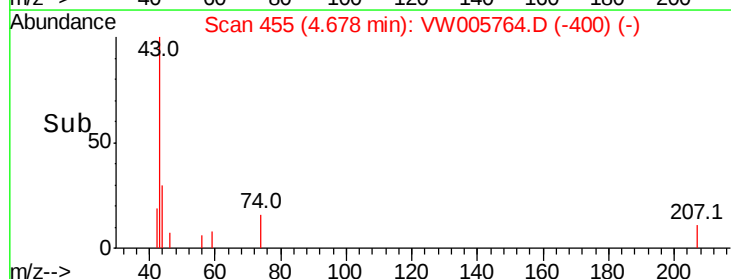
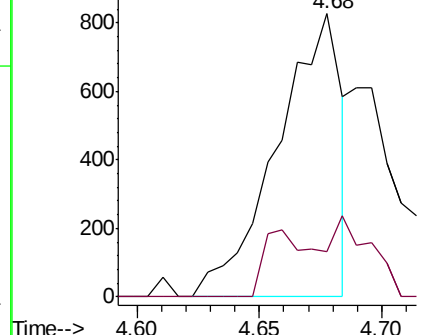
43 100

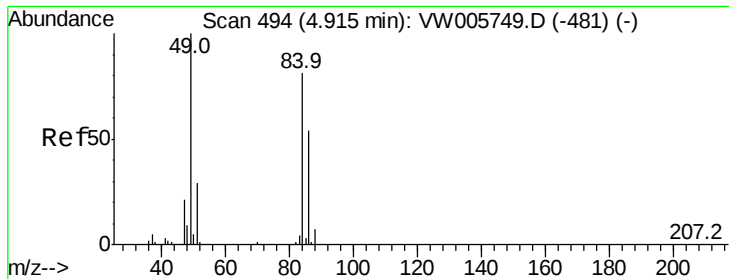
74 15.6 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

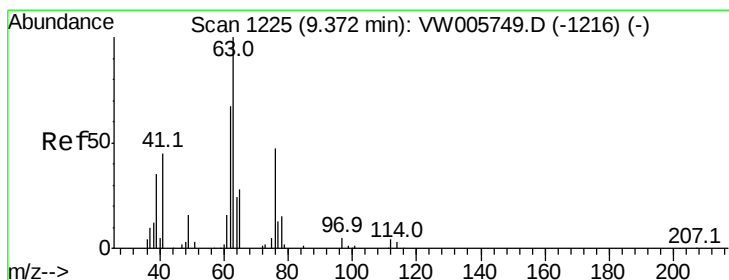
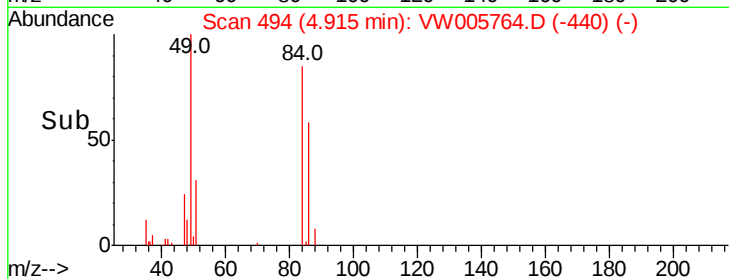
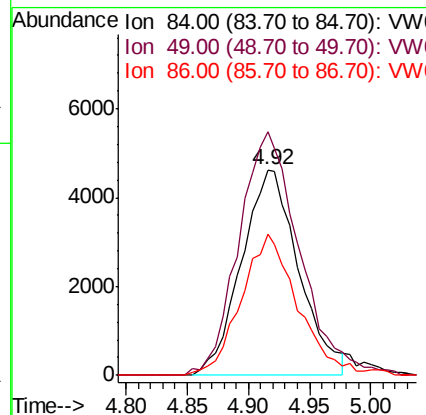
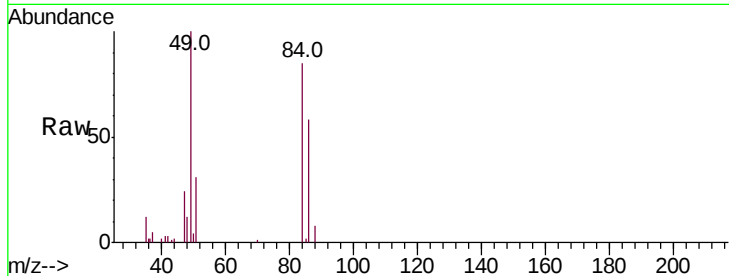




#16
Methvlene chloride
Concen: 3.898 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005764.D
Acq: 02 Oct 2018 04:57

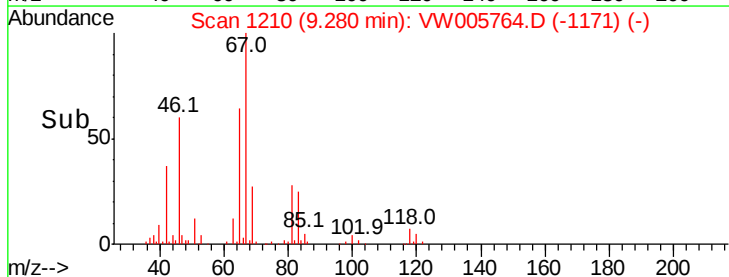
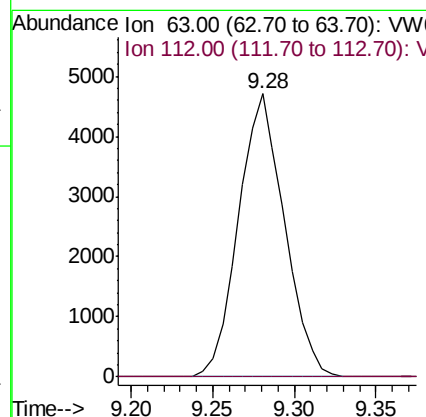
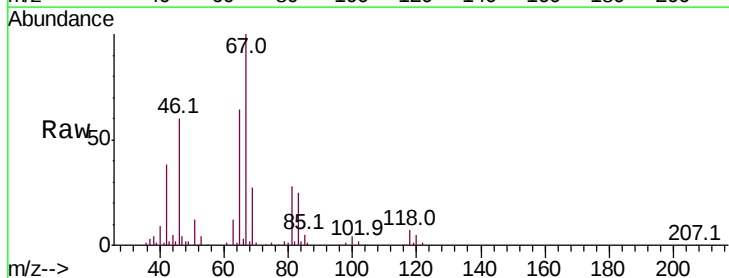
Instrument :
MSVOA_W
ClientSampleId :

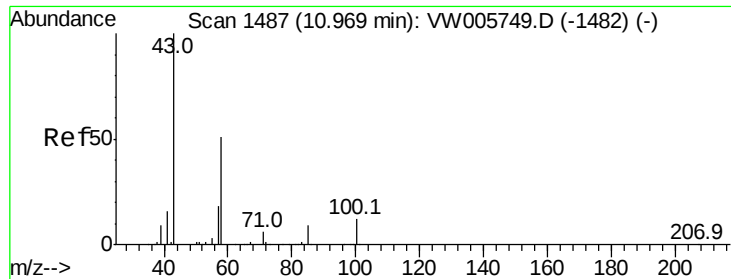
Tot Ion: 84 Resp: 15063
Ion Ratio Lower Upper
84 100
49 118.3 87.2 162.0
86 68.5 43.2 80.2



#40
1,2-Dichloropropane
Concen: 3.424 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005764.D
Acq: 02 Oct 2018 04:57

Tgt Ion: 63 Resp: 9193
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#





#49

2-Hexanone

Concen: 2.644 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

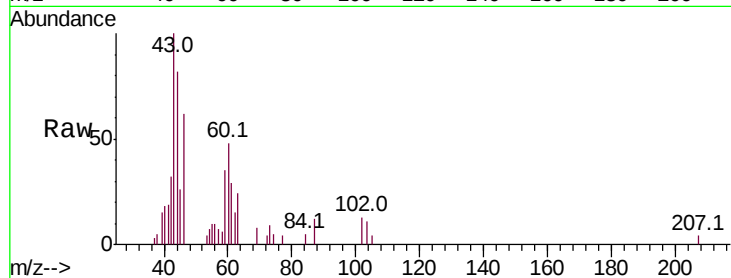
Lab File: VW005764.D

Acq: 02 Oct 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 4067

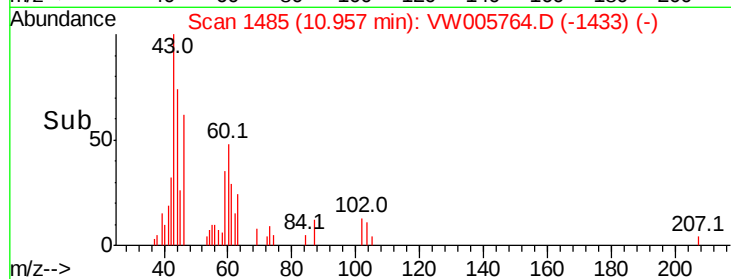
Ion Ratio Lower Upper

43 100

58 0.8 42.0 63.0#

57 0.0 15.7 23.5#

100 0.0 9.7 14.5#



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

