

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009963.D
 Acq On : 12 Apr 2019 17:16
 Operator : SY/VA
 Sample : K2303-10
 Misc : 3.53G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 13 00:01:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430357	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379989	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93564	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
7) Chloroethane-d5	2.89	69	91468	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.92%
10) 1,1-Dichloroethene-d2	4.01	63	180362	14.89	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.56%
20) 2-Butanone-d5	7.07	46	118279	64.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.38%
24) Chloroform-d	7.65	84	292429	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	8.30	65	194154	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.72%
29) Benzene-d6	8.27	84	499347	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.27	67	171924	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.60%
37) Toluene-d8	10.32	98	399402	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	63130	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.92%
39) 2-Hexanone-d5	10.93	63	73572	63.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159987	27.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	114694	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

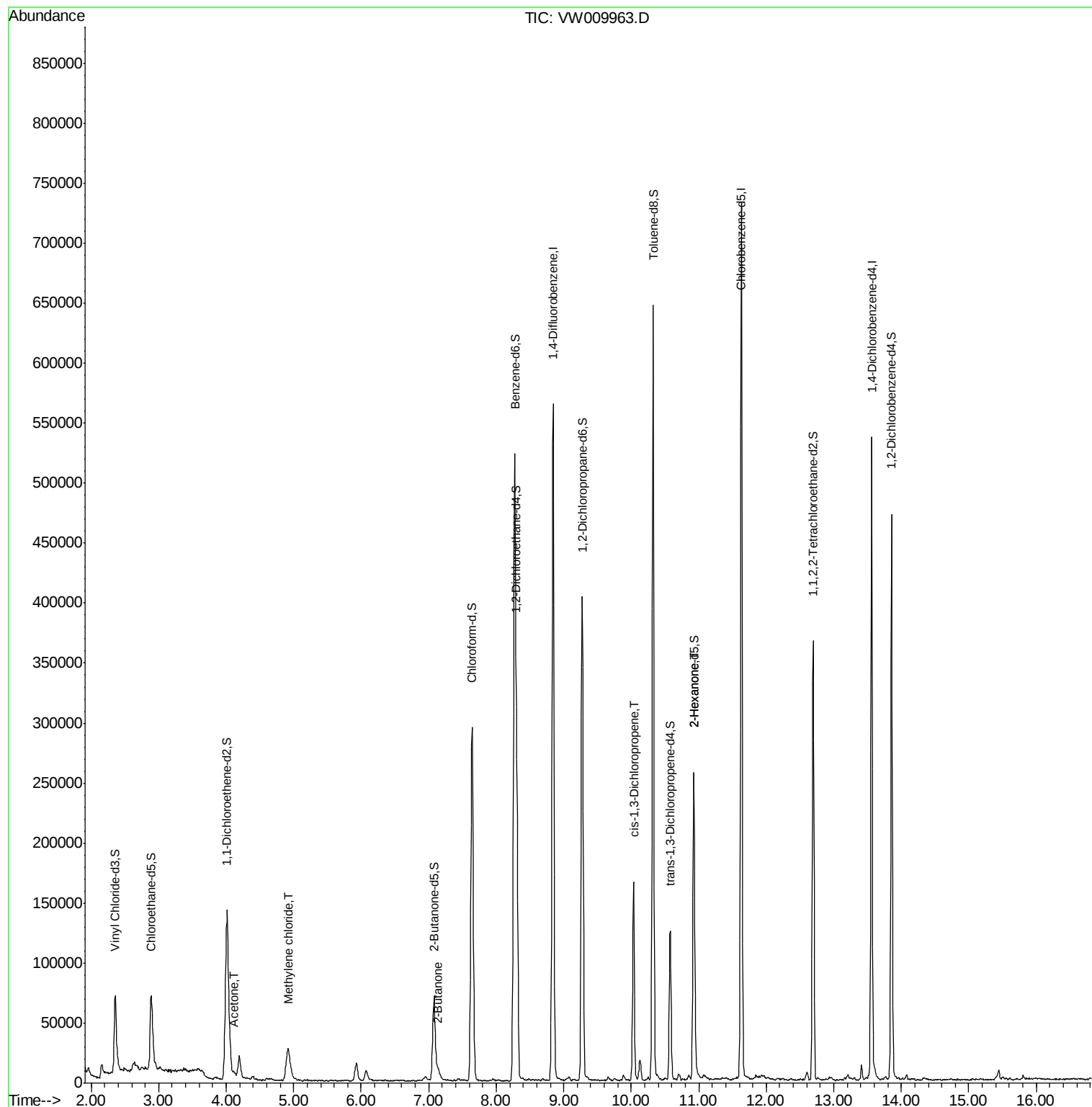
					Ovalue
13) Acetone	4.11	43	5602	2.859 ug/L	95
16) Methylene chloride	4.91	84	23865	3.144 ug/L	92
21) 2-Butanone	7.14	43	8657	3.474 ug/L #	53
42) cis-1,3-Dichloropropene	10.03	75	4906	0.541 ug/L #	65
49) 2-Hexanone	10.93	43	18143	5.360 ug/L #	68

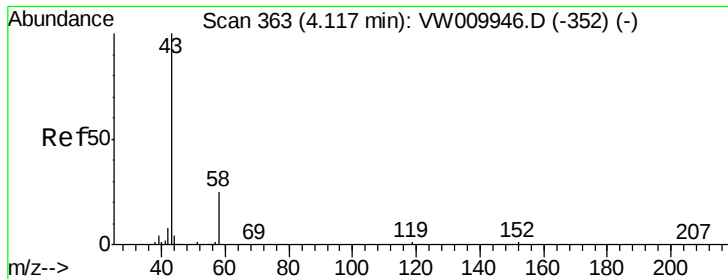
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.859 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009963.D

Acq: 12 Apr 2019 17:16

Instrument :

MSVOA_W

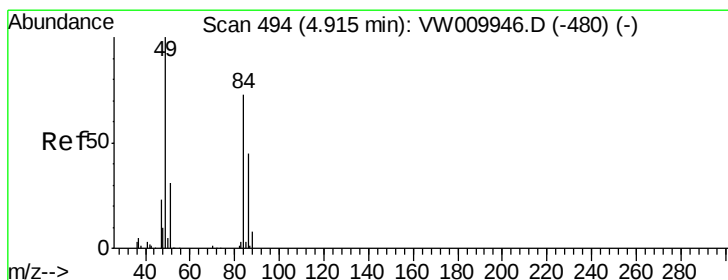
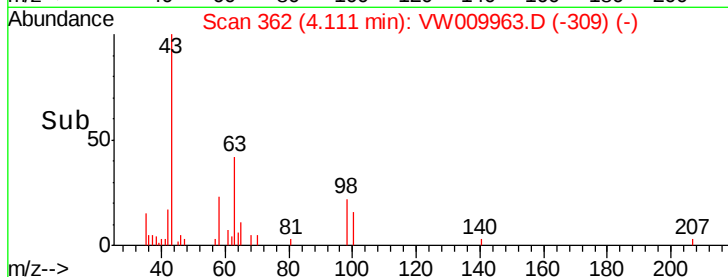
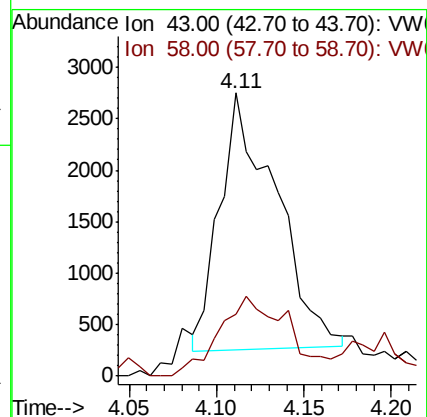
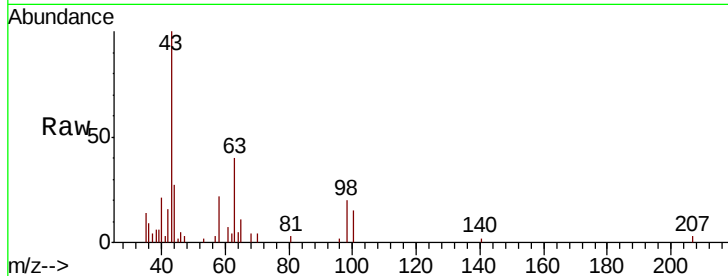
ClientSampleId :

Tot Ion: 43 Resp: 5602

Ion Ratio Lower Upper

43 100

58 29.0 0.0 53.0



#16

Methylene chloride

Concen: 3.144 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009963.D

Acq: 12 Apr 2019 17:16

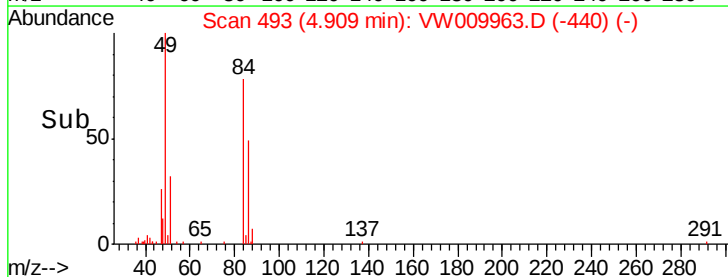
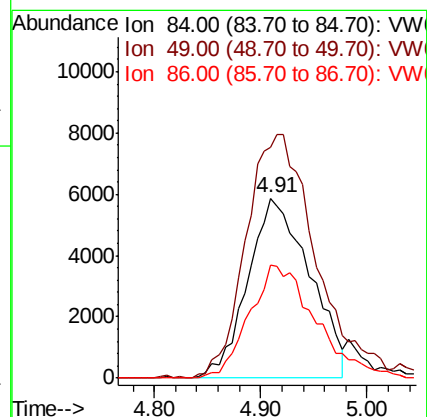
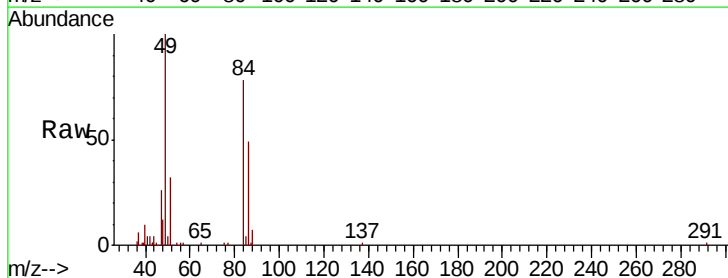
Tgt Ion: 84 Resp: 23865

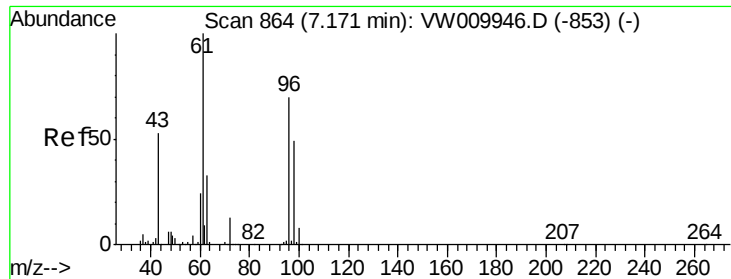
Ion Ratio Lower Upper

84 100

49 128.0 98.3 182.5

86 62.9 46.4 86.2





#21

2-Butanone

Concen: 3.474 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW009963.D

Acq: 12 Apr 2019 17:16

Instrument :

MSVOA_W

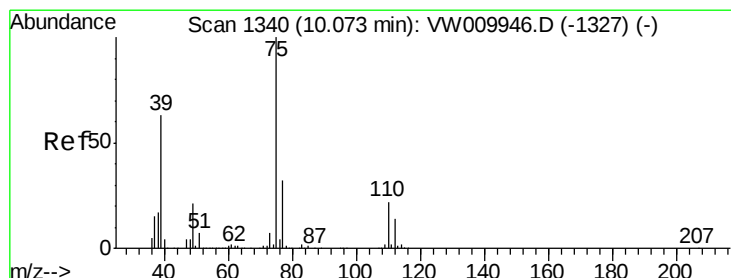
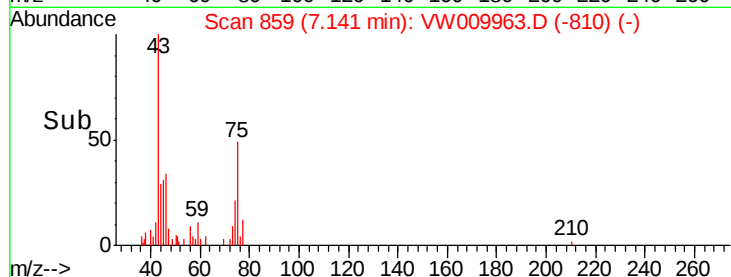
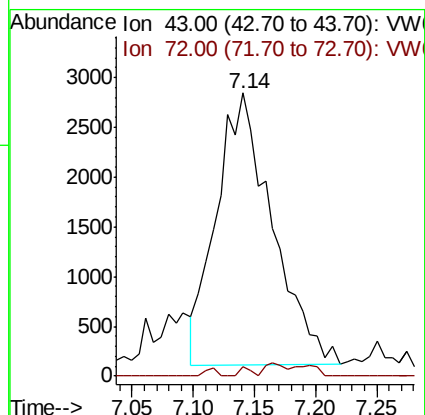
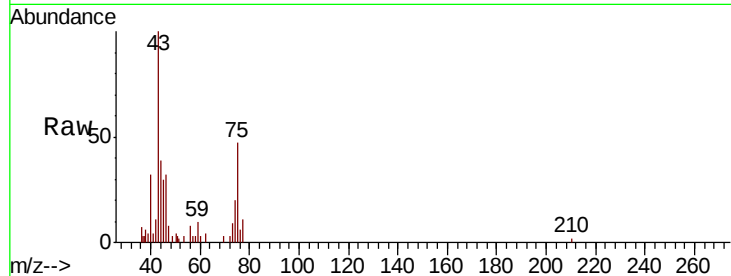
ClientSampleId :

Tot Ion: 43 Resp: 8657

Ion Ratio Lower Upper

43 100

72 0.6 12.0 36.1#



#42

cis-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009963.D

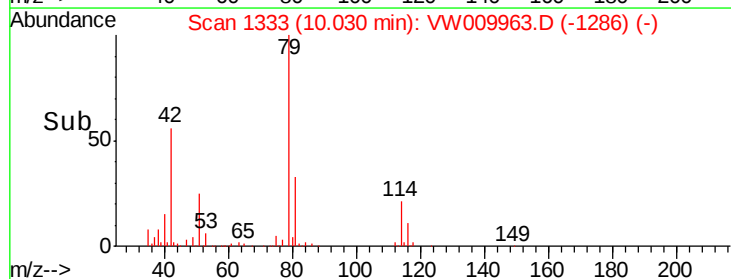
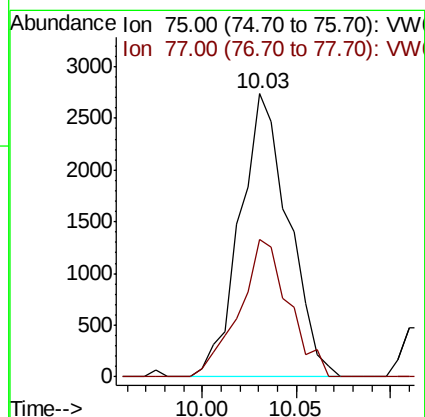
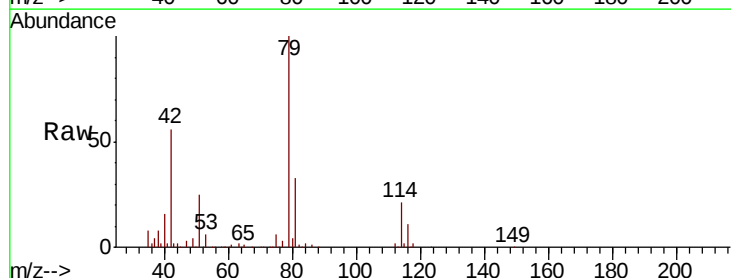
Acq: 12 Apr 2019 17:16

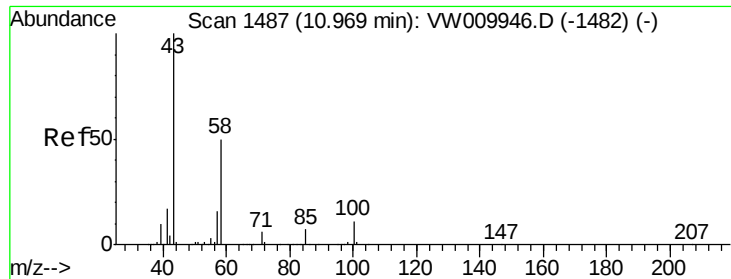
Tgt Ion: 75 Resp: 4906

Ion Ratio Lower Upper

75 100

77 48.7 21.0 39.0#





#49

2-Hexanone

Concen: 5.360 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

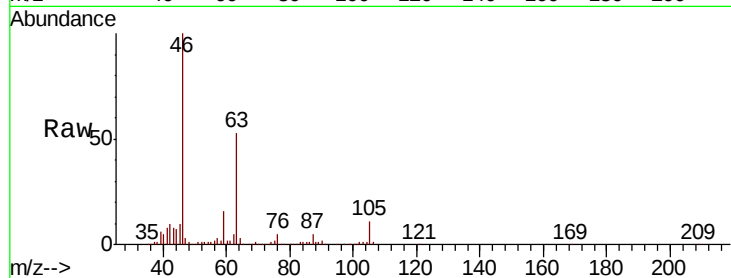
Lab File: VW009963.D

Acq: 12 Apr 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 18143

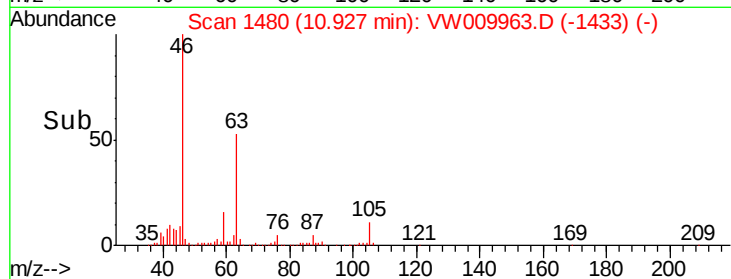
Ion Ratio Lower Upper

43 100

58 21.9 38.9 58.3#

57 24.6 13.8 20.6#

100 3.4 8.6 13.0#



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

