

Data File : VV012195.D
Acq On : 11 Aug 2019 15:56
Operator : SY/MD
Sample : K4248-08
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 12 01:39:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	478313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	461946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109688	62.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.66%
7) Chloroethane-d5	1.58	69	79897	71.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	142.42%#
11) 1,1-Dichloroethene-d2	2.13	63	144803	43.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.06%
21) 2-Butanone-d5	3.93	46	109695	126.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.08%
24) Chloroform-d	4.40	84	164582	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.08	65	99425	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.10	84	353526	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
36) 1,2-Dichloropropane-d6	6.12	67	104029	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.80%
41) Toluene-d8	7.36	98	299027	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.66	79	44578	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.13	63	68391	91.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130150	48.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	113110	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%

Target Compounds

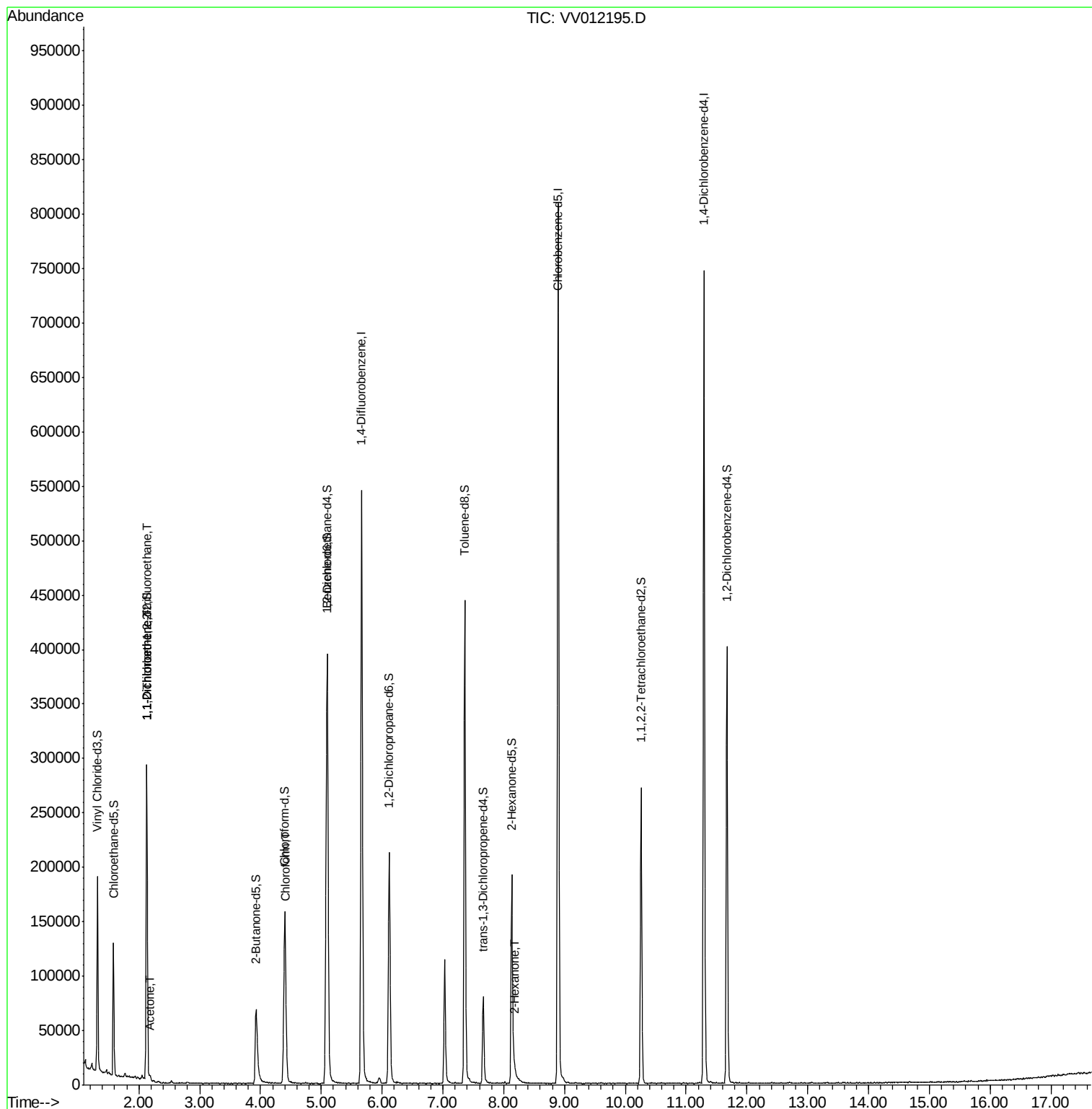
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1721	0.816 ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1300	0.670 ug/L #	1
13) Acetone	2.19	43	1019	0.807 ug/L	66
25) Chloroform	4.42	83	4255	0.761 ug/L	82
48) 2-Hexanone	8.18	43	3919	1.437 ug/L #	42

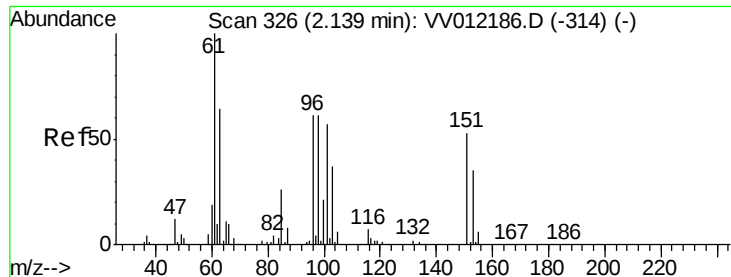
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.816 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

VHBLK01

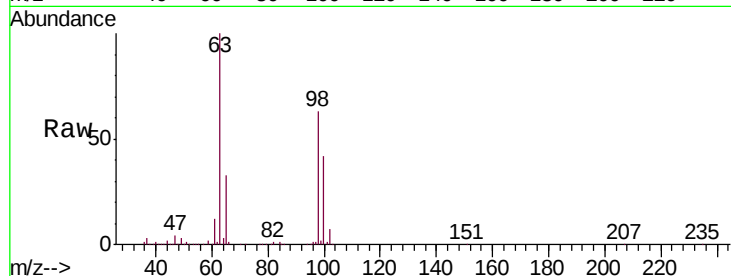
Tgt Ion: 101 Resp: 1721

Ion Ratio Lower Upper

101 100

85 2.6 33.6 50.4#

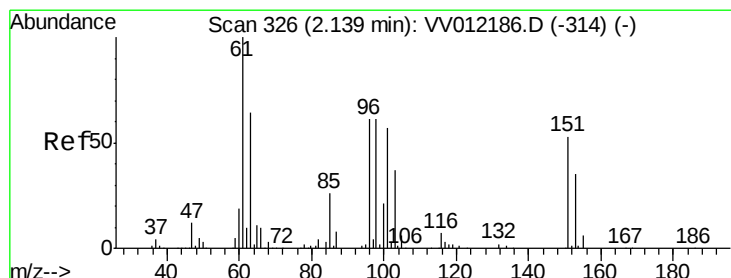
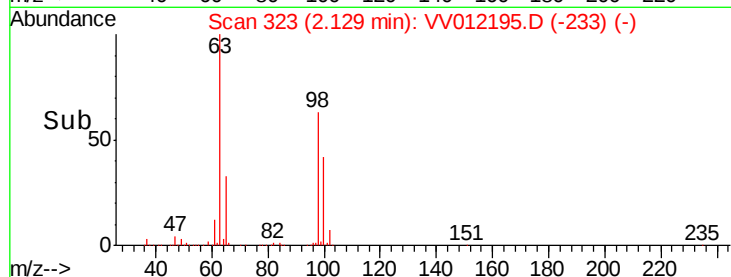
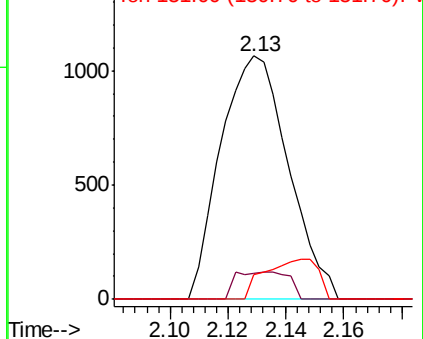
151 12.9 71.8 107.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.670 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012195.D

Acq: 11 Aug 2019 15:56

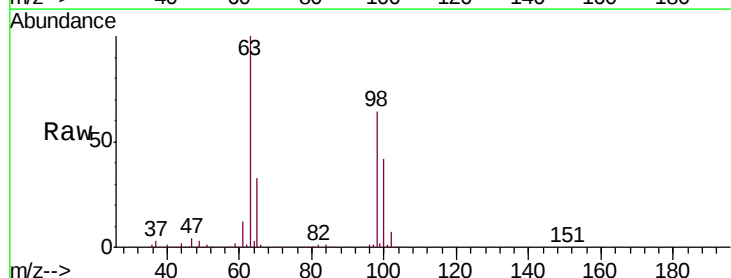
Tgt Ion: 96 Resp: 1300

Ion Ratio Lower Upper

96 100

61 1274.2 115.1 213.8#

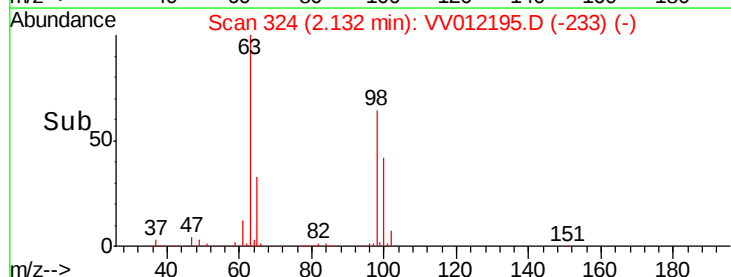
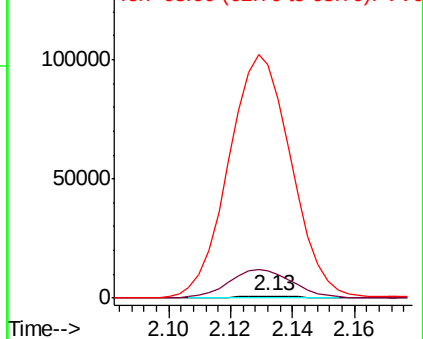
63 10817.7 83.9 155.7#

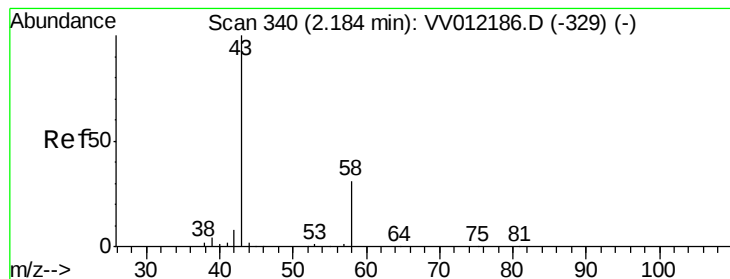


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 0.807 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

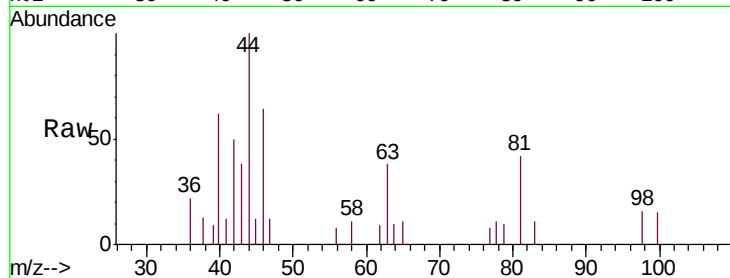
VHBLK01

Tgt Ion: 43 Resp: 1019

Ion Ratio Lower Upper

43 100

58 12.9 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV012186.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV012186.D (-329) (-)

2.19

500

400

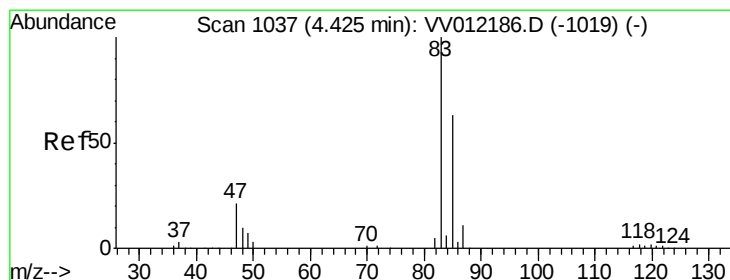
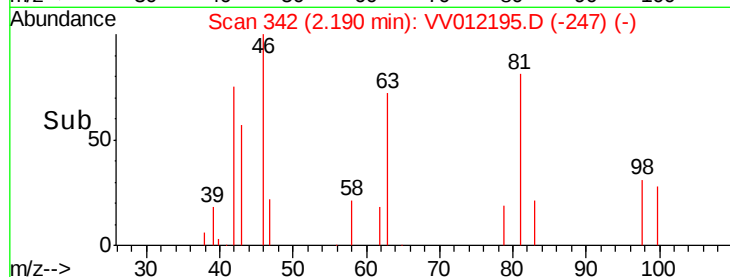
300

200

100

0

Time-->



#25

Chloroform

Concen: 0.761 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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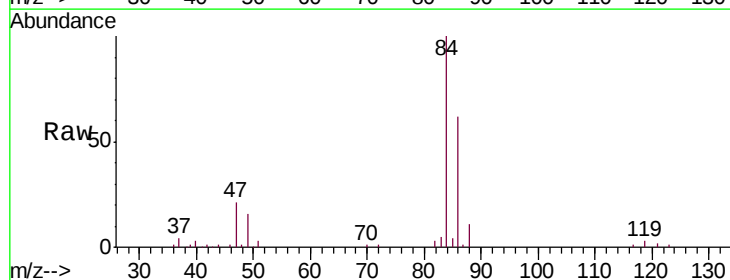
Acq: 11 Aug 2019 15:56

Tgt Ion: 83 Resp: 4255

Ion Ratio Lower Upper

83 100

85 79.5 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV012186.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV012186.D (-1019) (-)

4.42

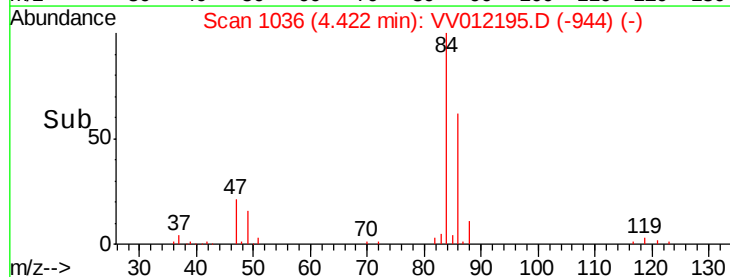
1500

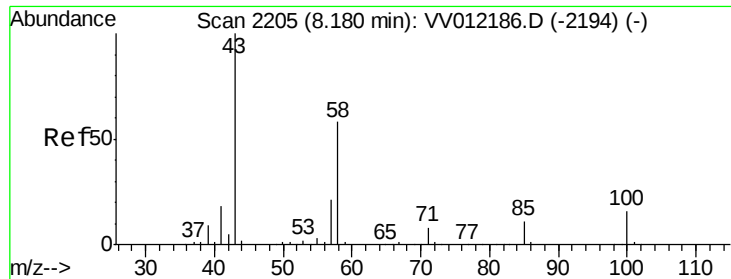
1000

500

0

Time-->





#48

2-Hexanone

Concen: 1.437 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV012195.D

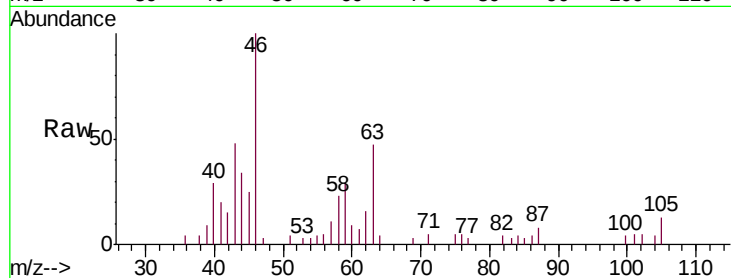
Acq: 11 Aug 2019 15:56

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01



Tgt Ion: 43 Resp: 3919

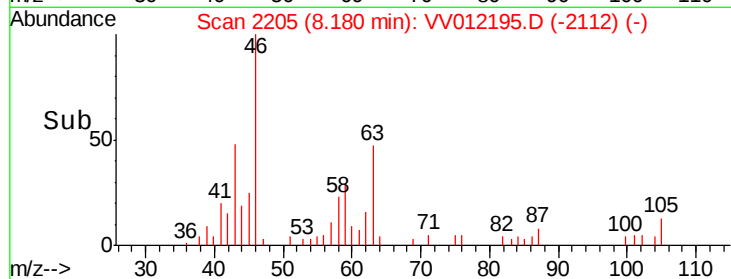
Ion Ratio Lower Upper

43 100

58 5.0 47.4 71.0#

57 3.7 16.8 25.2#

100 3.1 13.2 19.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

