

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016470.D
 Acq On : 03 Jun 2020 20:32
 Operator : SY/MD
 Sample : L2868-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:21:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366689	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104773	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.68%
7) Chloroethane-d5	1.58	69	80483	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.84%
11) 1,1-Dichloroethene-d2	2.12	63	147809	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.20%
21) 2-Butanone-d5	3.89	46	177205	106.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.71%
24) Chloroform-d	4.38	84	225833	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
26) 1,2-Dichloroethane-d4	5.06	65	157917	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.07	84	448219	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.09	67	141111	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.34	98	401766	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%
43) trans-1,3-Dichloropropene-	7.64	79	64000	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.11	63	133001	108.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186425	47.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	163123	54.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.24%

Target Compounds

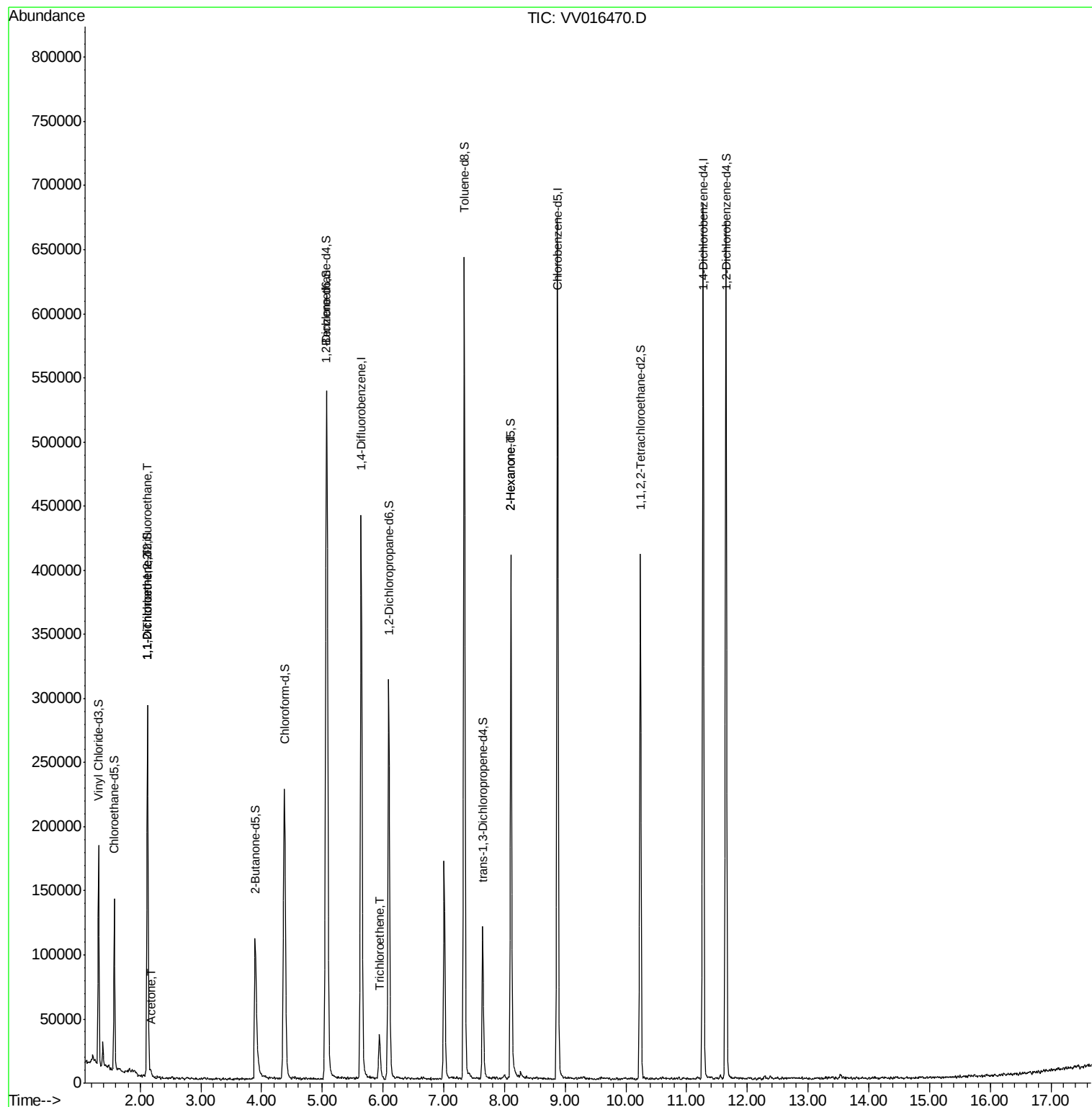
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1574	0.744 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1691	0.831 ug/L #	1
13) Acetone	2.17	43	4385	2.825 ug/L	82
34) Trichloroethene	5.94	95	11781	4.432 ug/L	95
48) 2-Hexanone	8.11	43	16387	5.801 ug/L #	68

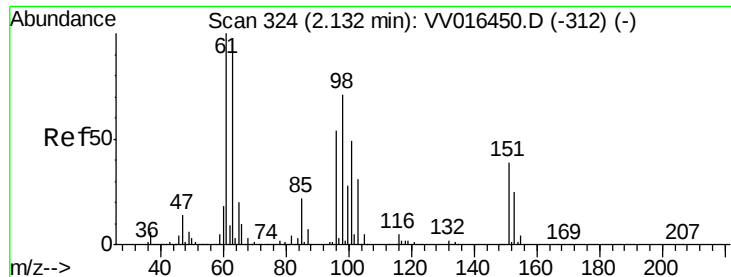
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#10

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

Concen: 0.744 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016470.D

Acq: 03 Jun 2020 20:32

Instrument :

MSVOA_V

ClientSampleId :

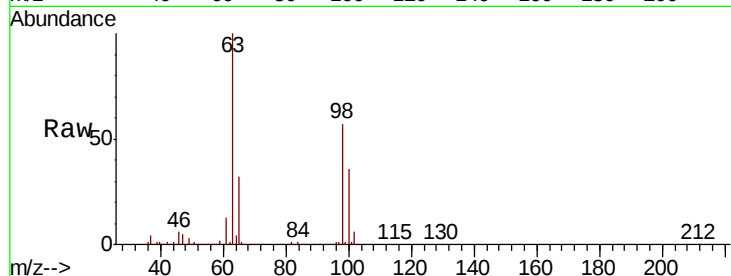
Tot Ion:101 Resp: 1574

Ion Ratio Lower Upper

101 100

85 2.8 35.6 53.4#

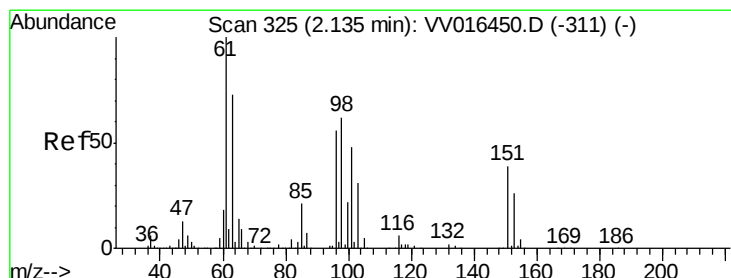
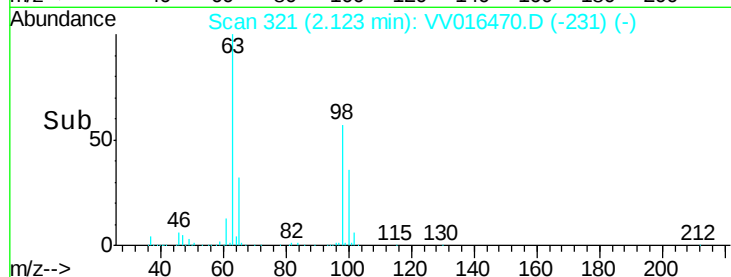
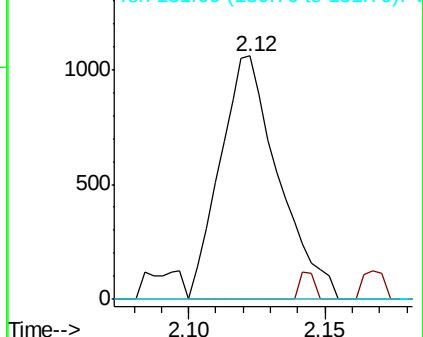
151 0.0 61.8 92.8#



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: 0.831 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV016470.D

Acq: 03 Jun 2020 20:32

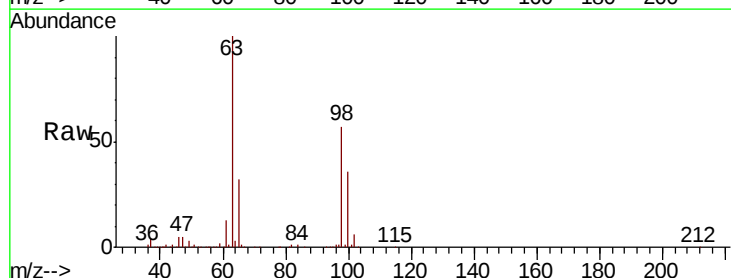
Tgt Ion: 96 Resp: 1691

Ion Ratio Lower Upper

96 100

61 1317.3 125.5 233.1#

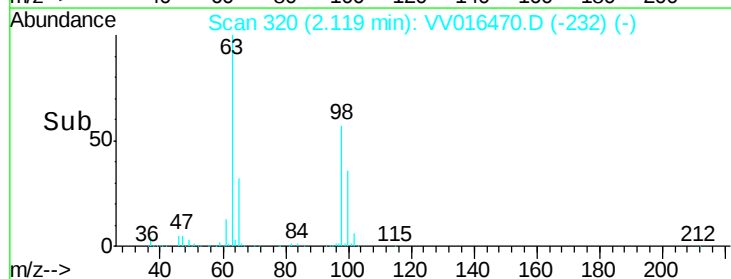
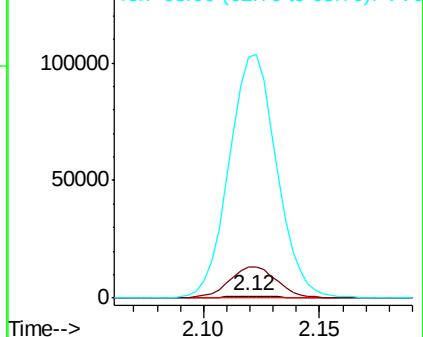
63 10366.8 104.0 193.1#

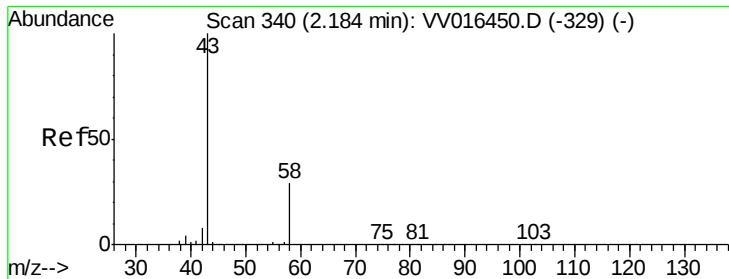


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.825 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV016470.D

Acq: 03 Jun 2020 20:32

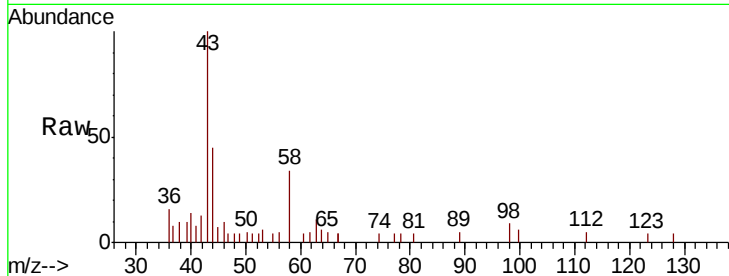
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4385

Ion Ratio Lower Upper

43 100

58 37.9 0.0 57.2



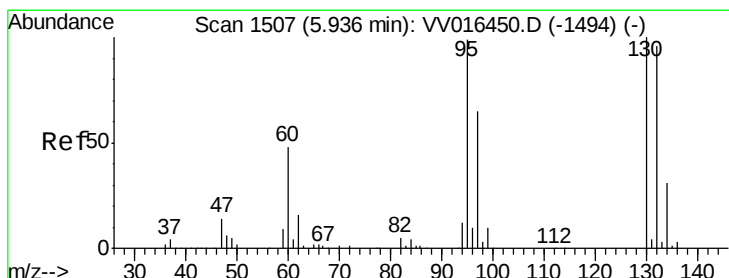
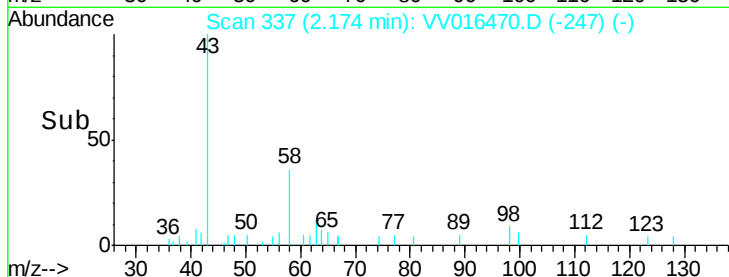
Abundance Ion 43.00 (42.70 to 43.70): VV016470.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VV016470.D (-337) (-)

2.17

2.15 2.20 2.25

Time-->



#34

Trichloroethene

Concen: 4.432 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016470.D

Acq: 03 Jun 2020 20:32

Tgt Ion: 95 Resp: 11781

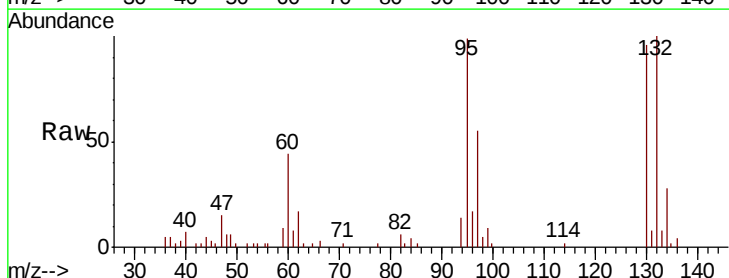
Ion Ratio Lower Upper

95 100

97 55.4 42.8 79.6

132 100.7 65.6 121.8

130 96.6 69.0 128.1



Abundance Ion 95.00 (94.70 to 95.70): VV016470.D (-1509) (-)

Ion 97.00 (96.70 to 97.70): VV016470.D (-1509) (-)

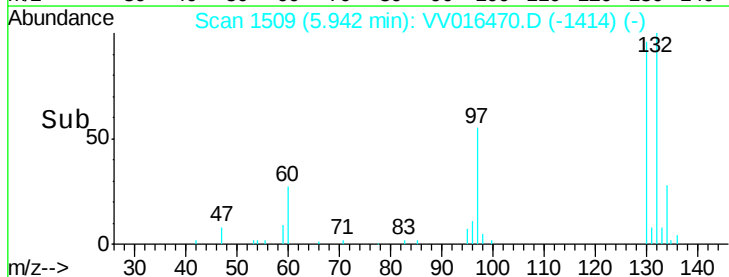
Ion 132.00 (131.70 to 132.70): VV016470.D (-1509) (-)

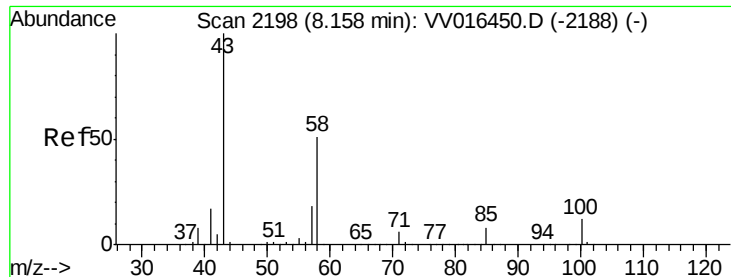
Ion 130.00 (129.70 to 130.70): VV016470.D (-1509) (-)

5.94

5.90 5.95 6.00

Time-->





#48

2-Hexanone

Concen: 5.801 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV016470.D

Acq: 03 Jun 2020 20:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 16387

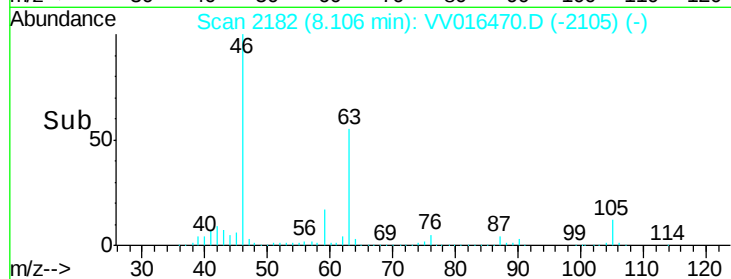
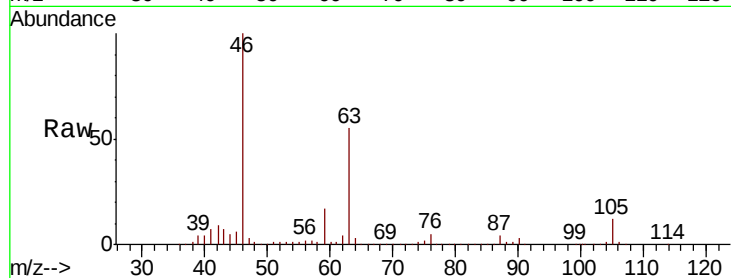
Ion Ratio Lower Upper

43 100

58 25.9 42.7 64.1#

57 25.4 14.5 21.7#

100 1.1 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VV016470.D (-2105) (-)

Ion 58.00 (57.70 to 58.70): VV016470.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV016470.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV016470.D (-2105) (-)

