

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062718\
 Data File : VV006478.D
 Acq On : 27 Jun 2018 12:08
 Operator : SY/MD
 Sample : VV0627WBL01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK65

Quant Time: Jun 28 01:19:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 28 01:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	363240	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	327752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	143424	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122629	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.59	69	97345	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	159659	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.97	46	204404	45.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.34%
24) Chloroform-d	4.41	84	179728	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	87678	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	405443	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	118671	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	366238	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	35972	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	150485	40.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62380	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	125061	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

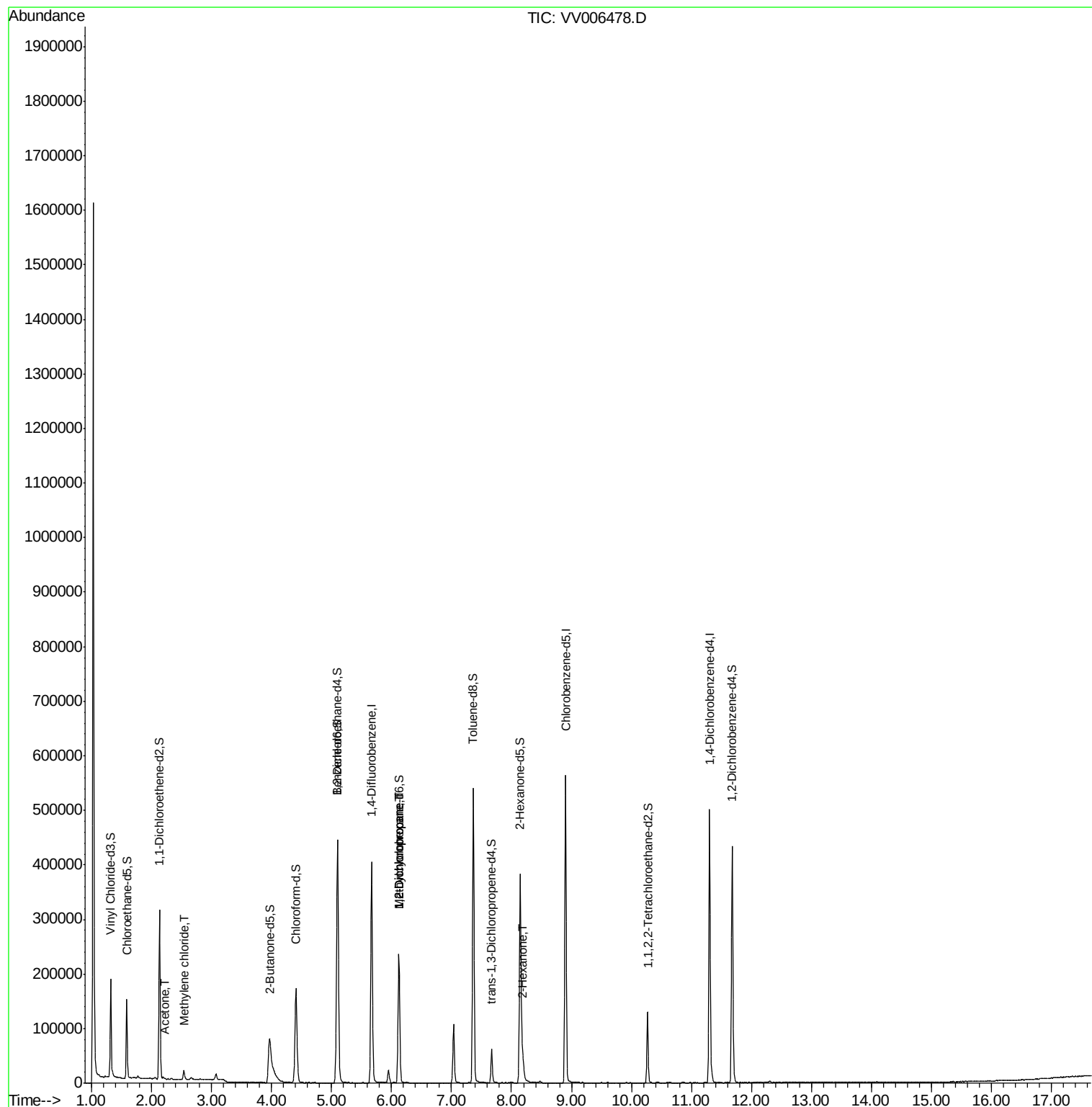
					Qvalue
13) Acetone	2.23	43	578	0.211 ug/L	63
16) Methylene chloride	2.54	84	6408	0.249 ug/L	99
35) Methylcyclohexane	6.12	83	28772	0.715 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	12037	0.509 ug/L #	85
48) 2-Hexanone	8.19	43	23887	2.885 ug/L #	84

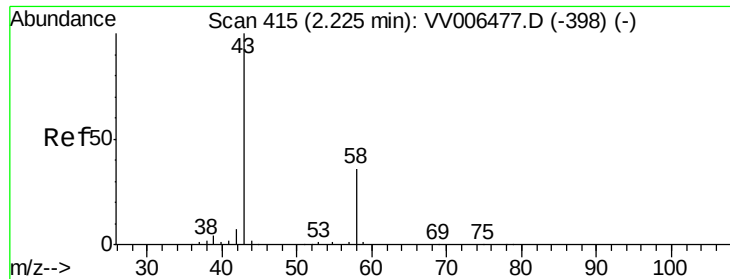
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.211 ug/L

RT: 2.23 min Scan# 417

Delta R.T. 0.01 min

Lab File: VV006478.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_V

ClientSampled :

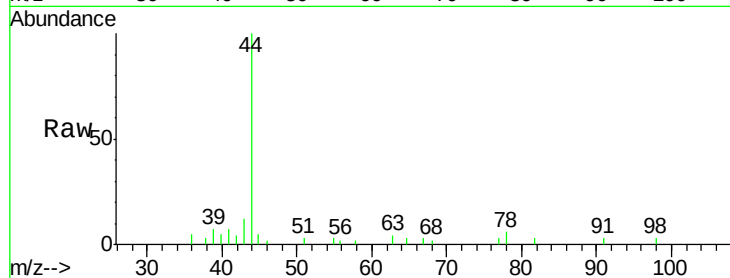
VBLK65

Tgt Ion: 43 Resp: 578

Ion Ratio Lower Upper

43 100

58 16.3 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV006477.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VV006477.D (-398) (-)

2.23

600

500

400

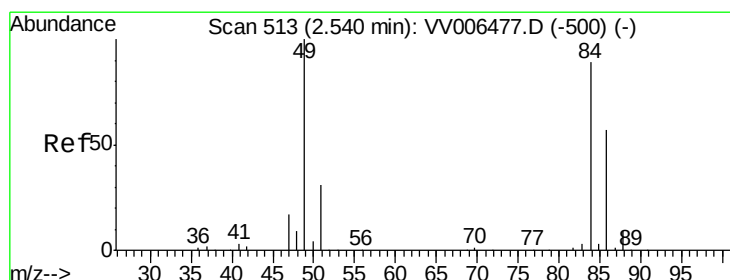
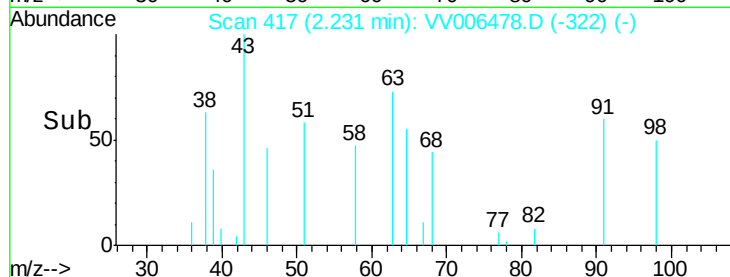
300

200

100

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.249 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006478.D

Acq: 27 Jun 2018 12:08

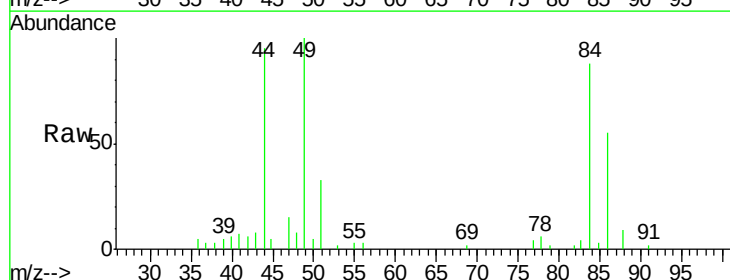
Tgt Ion: 84 Resp: 6408

Ion Ratio Lower Upper

84 100

86 63.2 44.2 82.2

49 114.0 79.0 146.8



Abundance Ion 84.05 (83.75 to 84.75): VV006477.D (-500) (-)

Ion 86.00 (85.70 to 86.70): VV006477.D (-500) (-)

Ion 49.10 (48.80 to 49.80): VV006477.D (-500) (-)

2.54

6000

5000

4000

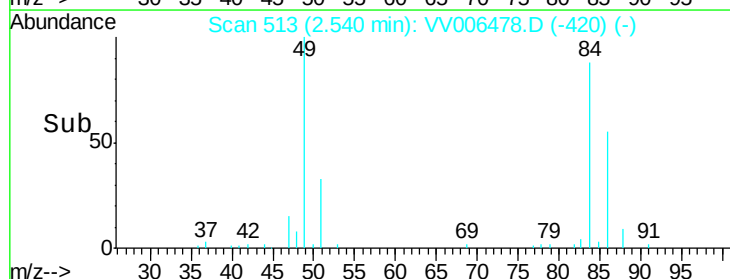
3000

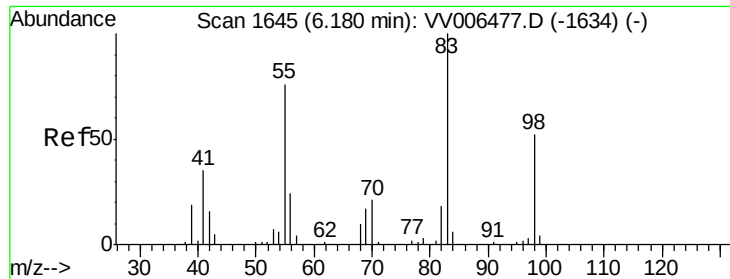
2000

1000

0

Time--> 2.50 2.55





#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006478.D

Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK65

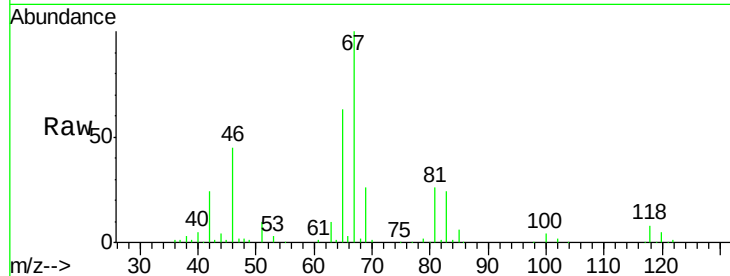
Tgt Ion: 83 Resp: 28772

Ion Ratio Lower Upper

83 100

55 0.3 57.5 86.3#

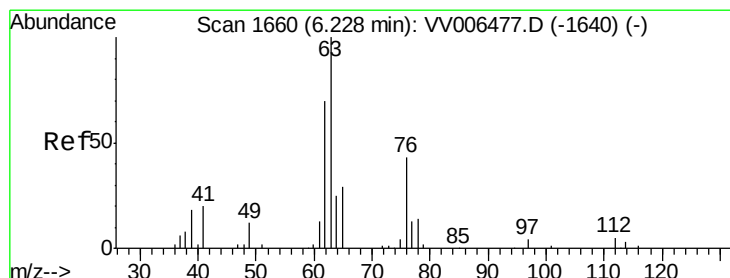
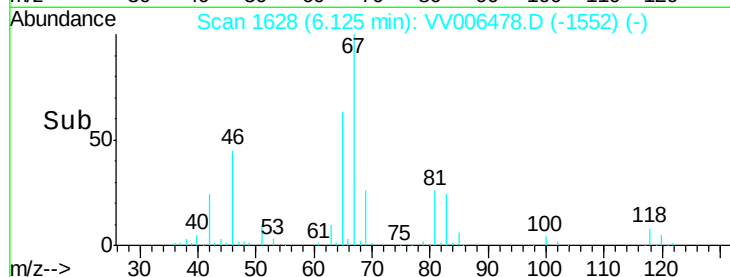
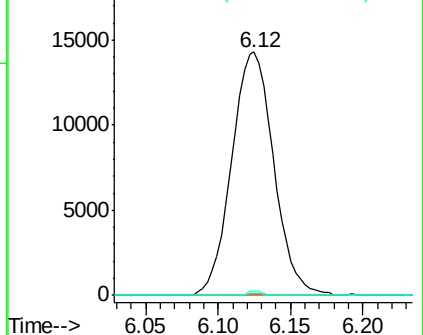
98 0.5 39.6 59.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.509 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV006478.D

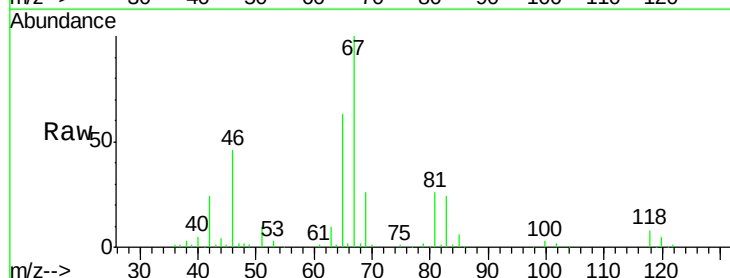
Acq: 27 Jun 2018 12:08

Tgt Ion: 63 Resp: 12037

Ion Ratio Lower Upper

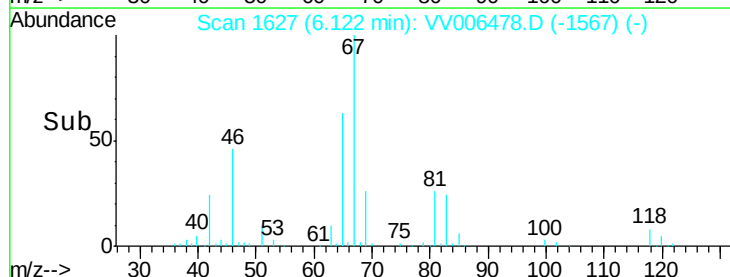
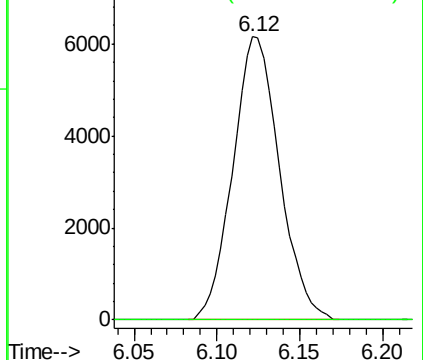
63 100

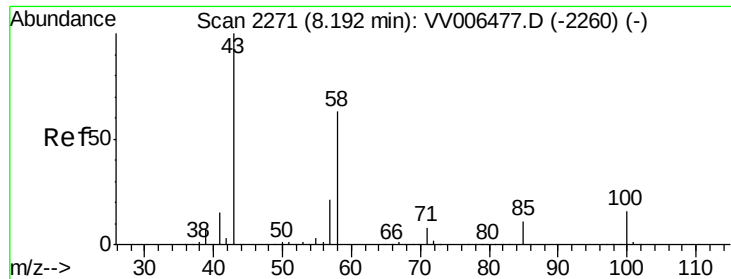
112 0.0 4.0 6.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.885 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006478.D

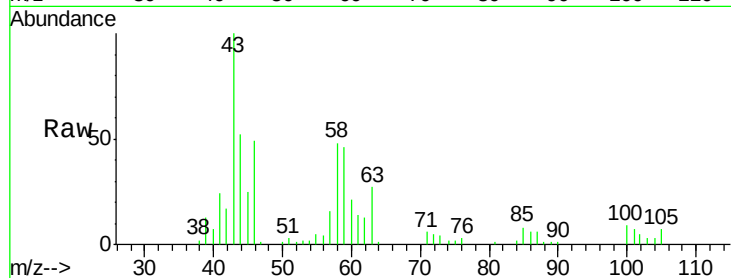
Acq: 27 Jun 2018 12:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK65



Tgt Ion: 43 Resp: 23887

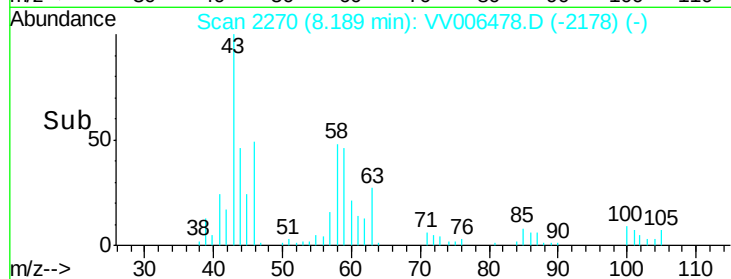
Ion Ratio Lower Upper

43 100

58 49.1 49.9 74.9#

57 15.1 17.3 25.9#

100 8.6 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

