

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017594.D
 Acq On : 22 Jul 2020 18:41
 Operator : SY/MD
 Sample : L3386-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 23 05:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291699	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80297	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.58	69	64157	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.12	63	125204	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.24%
21) 2-Butanone-d5	3.91	46	137818	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	4.37	84	203567	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
26) 1,2-Dichloroethane-d4	5.05	65	150238	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
32) Benzene-d6	5.07	84	372001	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.09	67	114766	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.33	98	348333	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%
43) trans-1,3-Dichloropropene-	7.64	79	65375	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.11	63	100566	93.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.81%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	157851	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	153597	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

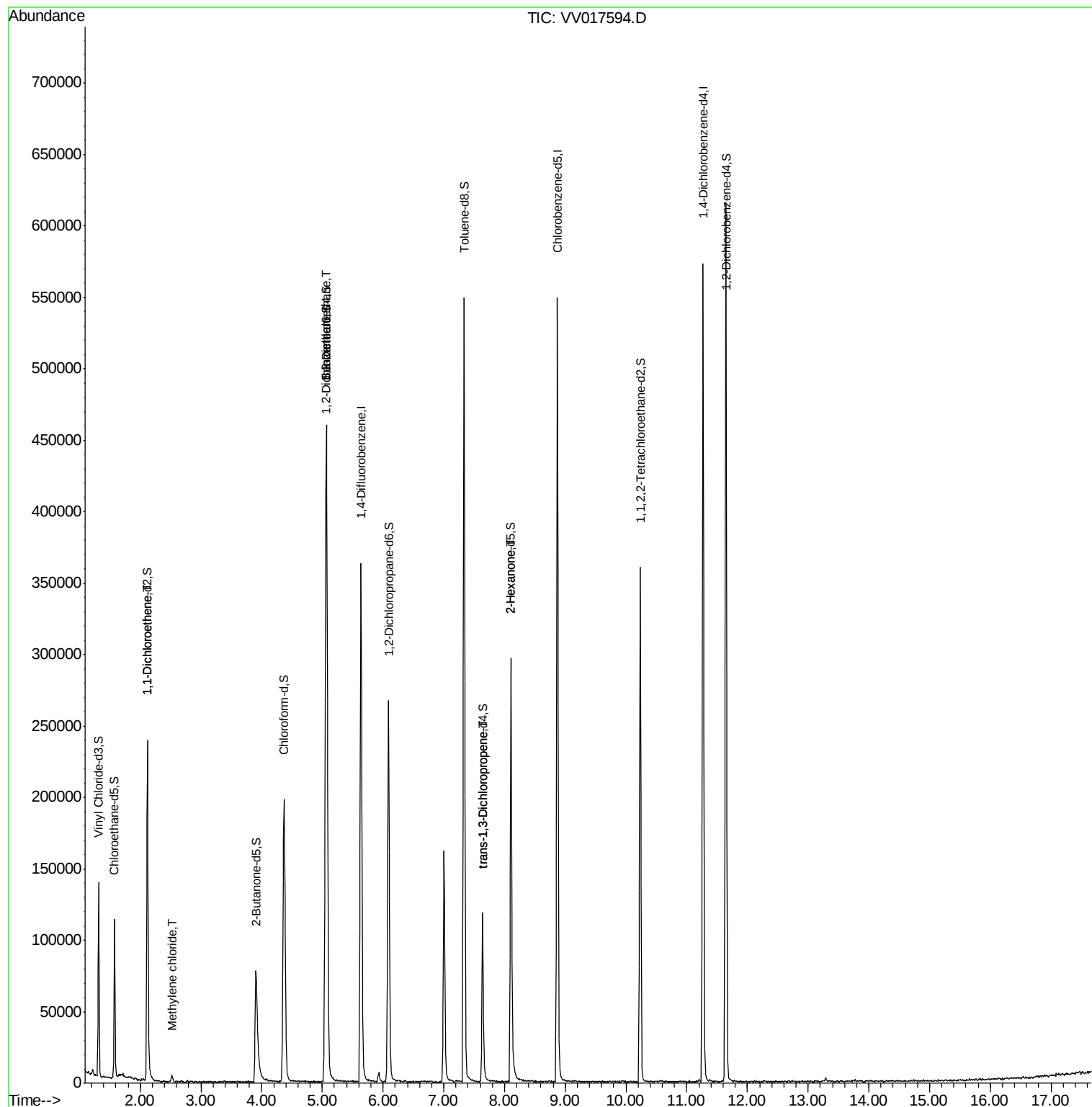
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1182	0.693 ug/L #	1
16) Methylene chloride	2.52	84	1833	0.813 ug/L	80
27) 1,2-Dichloroethane	5.07	62	2752	0.782 ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3392	0.925 ug/L	93
48) 2-Hexanone	8.11	43	13091	5.419 ug/L #	69

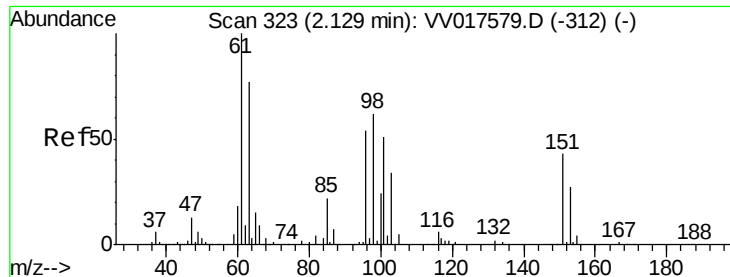
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.693 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017594.D

Acq: 22 Jul 2020 18:41

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

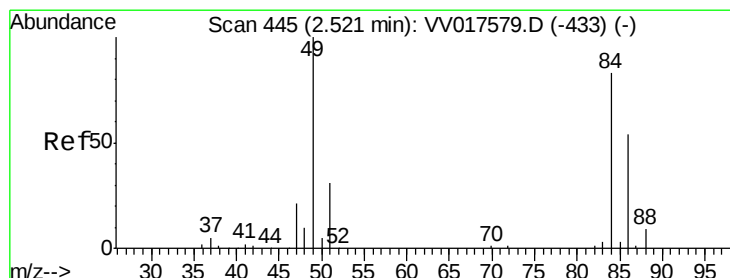
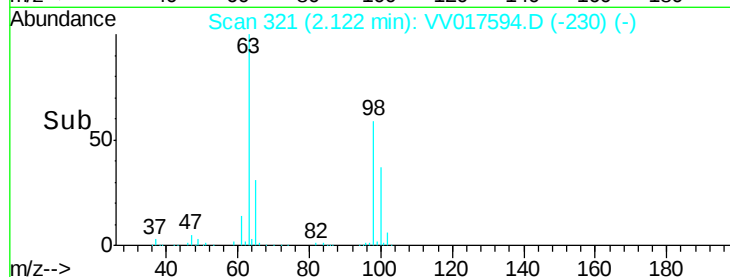
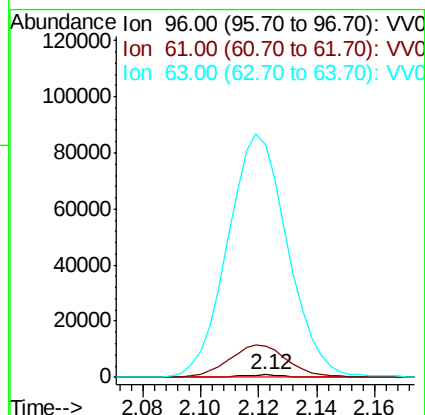
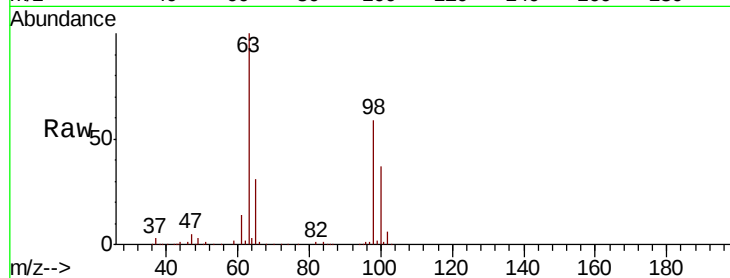
Tot Ion: 96 Resp: 1182

Ion Ratio Lower Upper

96 100

61 1293.2 124.5 231.3#

63 9458.1 89.0 165.4#



#16

Methylene chloride

Concen: 0.813 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017594.D

Acq: 22 Jul 2020 18:41

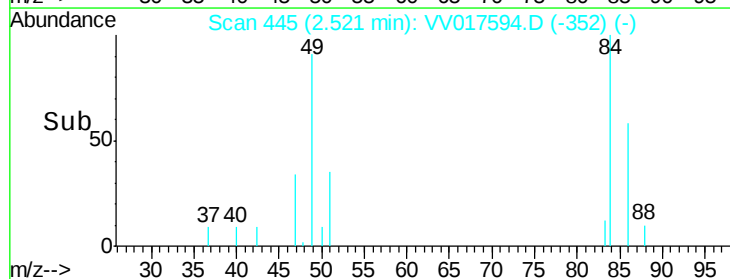
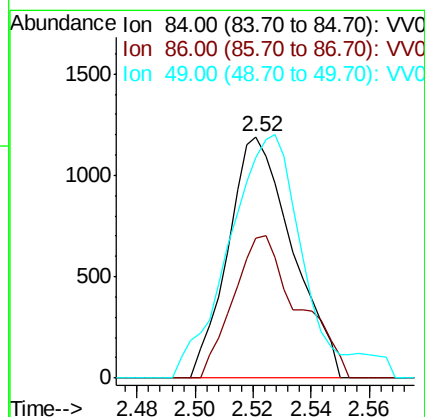
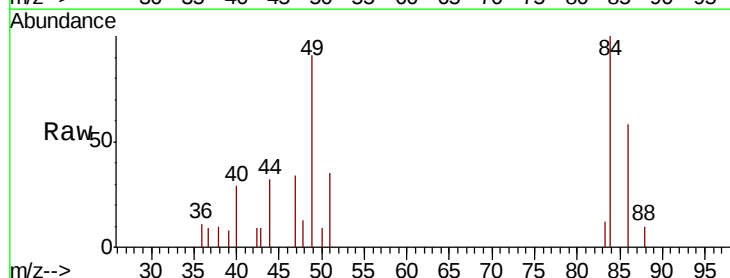
Tgt Ion: 84 Resp: 1833

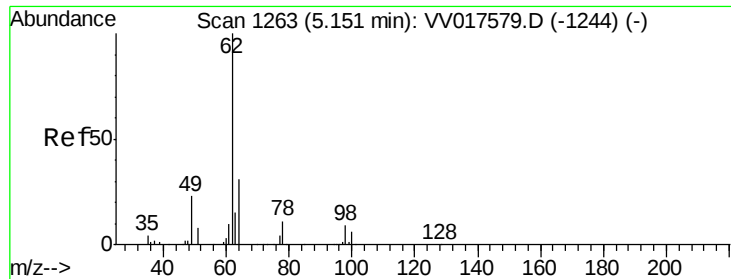
Ion Ratio Lower Upper

84 100

86 57.8 44.5 82.7

49 91.4 84.4 156.8





#27

1,2-Dichloroethane

Concen: 0.782 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV017594.D

Acq: 22 Jul 2020 18:41

Instrument :

MSVOA_V

ClientSampled :

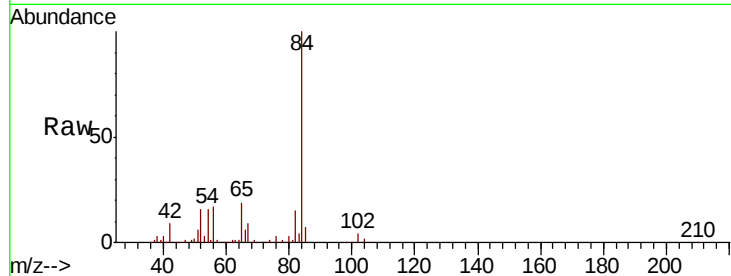
VHBLK01

Tot Ion: 62 Resp: 2752

Ion Ratio Lower Upper

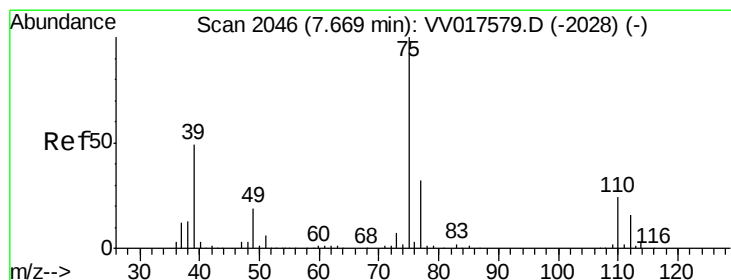
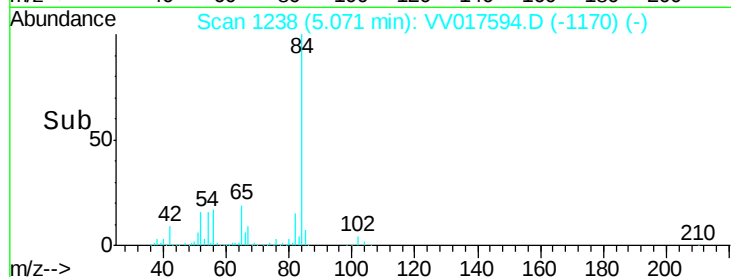
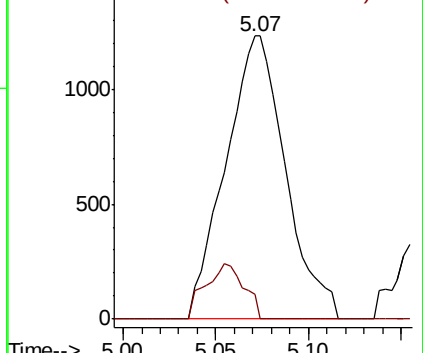
62 100

98 8.9 7.1 10.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017594.D

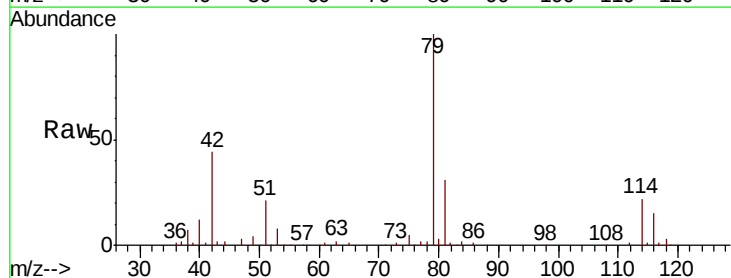
Acq: 22 Jul 2020 18:41

Tgt Ion: 75 Resp: 3392

Ion Ratio Lower Upper

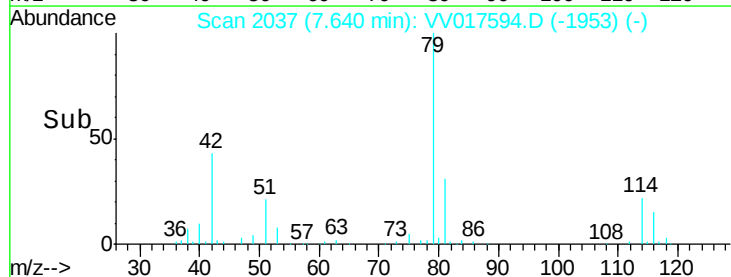
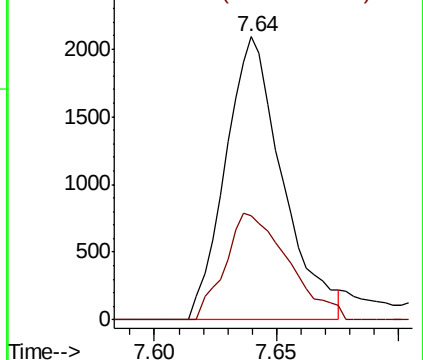
75 100

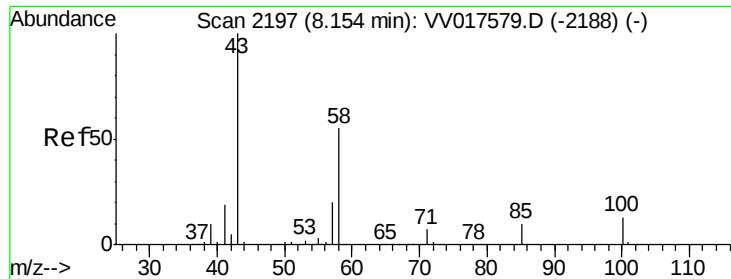
77 36.7 23.0 42.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 5.419 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV017594.D

Acq: 22 Jul 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 13091

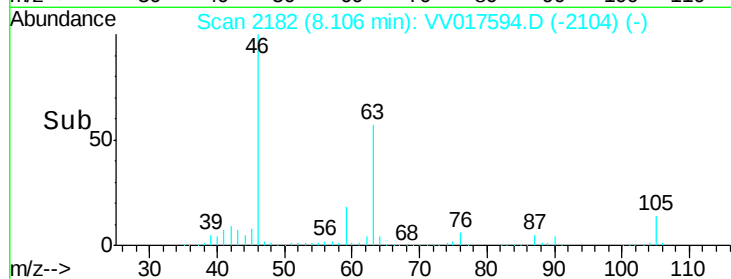
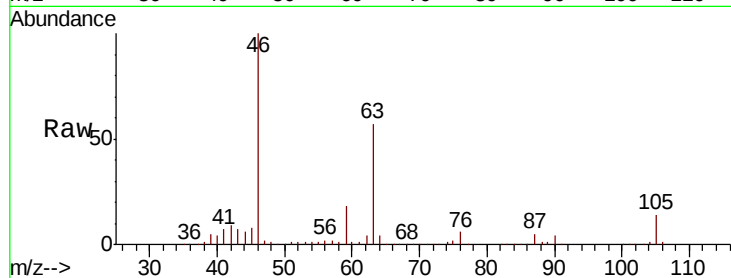
Ion Ratio Lower Upper

43 100

58 25.8 44.3 66.5#

57 24.0 16.9 25.3

100 1.0 11.0 16.4#



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

