

Data File : VV011269.D
Acq On : 07 Jun 2019 03:47
Operator : SY/MD
Sample : K3197-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P56

Quant Time: Jun 07 08:14:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162184	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68100	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	56238	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	39300	3.85	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.13	63	87296	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.98	46	133166	48.13	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.26%
24) Chloroform-d	4.40	84	98907	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	56787	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	202512	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	63563	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	182333	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	18622	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	8.14	63	110610	49.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44761	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	63826	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

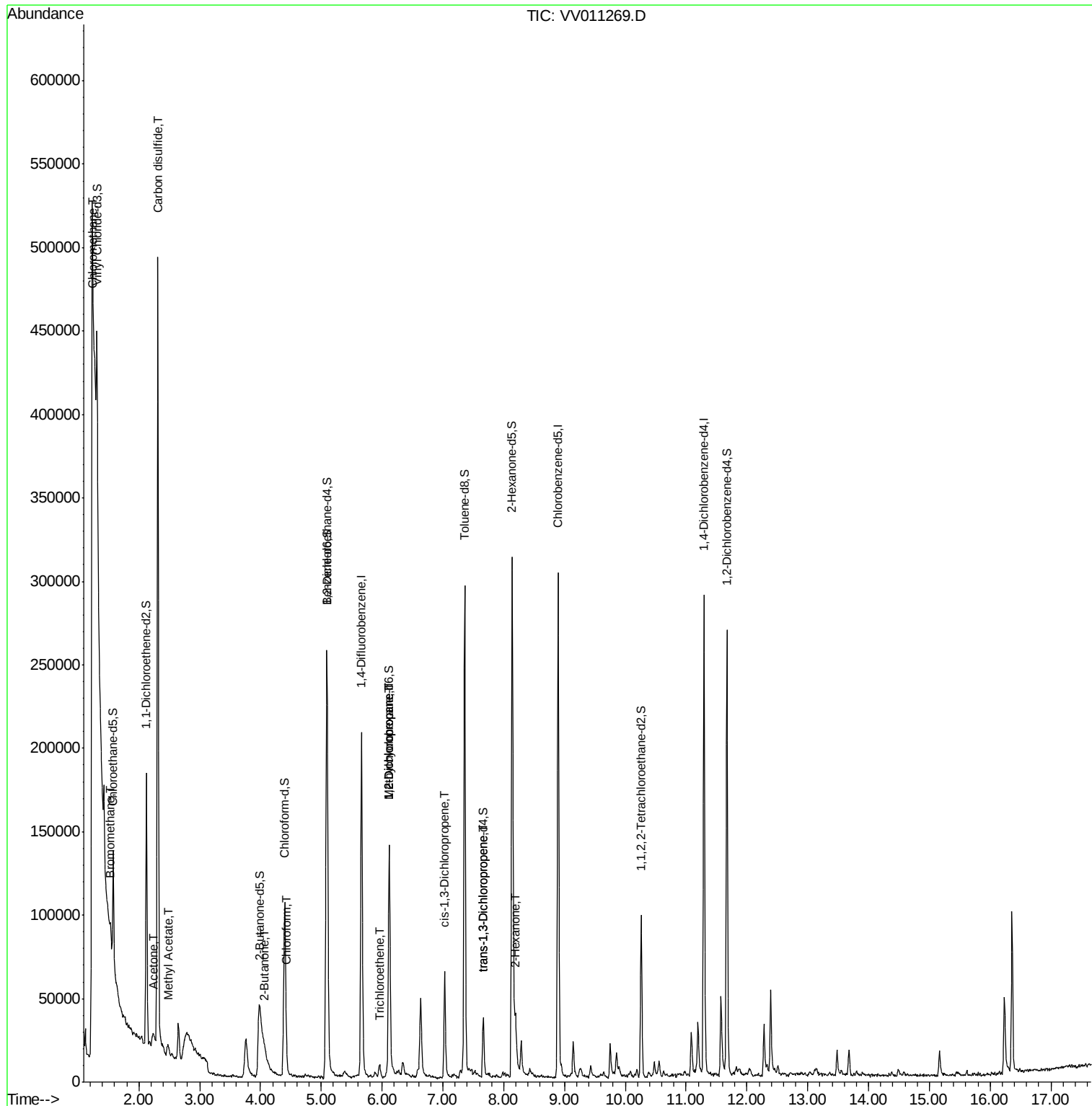
					Qvalue
3) Chloromethane	1.24	50	34629	2.239 ug/L #	63
6) Bromomethane	1.53	94	2572	0.331 ug/L	98
13) Acetone	2.24	43	28813	15.532 ug/L	62
14) Carbon disulfide	2.31	76	526475	16.985 ug/L	99
15) Methyl Acetate	2.48	43	11326	2.299 ug/L	96
21) 2-Butanone	4.08	43	5260	1.841 ug/L #	65
25) Chloroform	4.43	83	1867	0.080 ug/L	95
34) Trichloroethene	5.96	95	2414	0.195 ug/L	82
35) Methylcyclohexane	6.12	83	15086	0.736 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8113	0.679 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1922	0.110 ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	1232	0.093 ug/L #	82
48) 2-Hexanone	8.19	43	21144	3.987 ug/L #	91

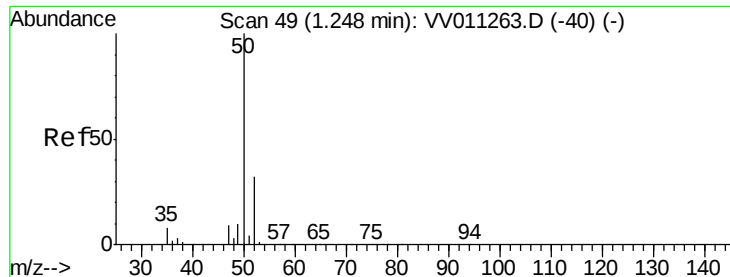
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011269.D
Acq On : 07 Jun 2019 03:47
Operator : SY/MD
Sample : K3197-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P56

Quant Time: Jun 07 08:14:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.239 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011269.D

Acq: 07 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampleId :

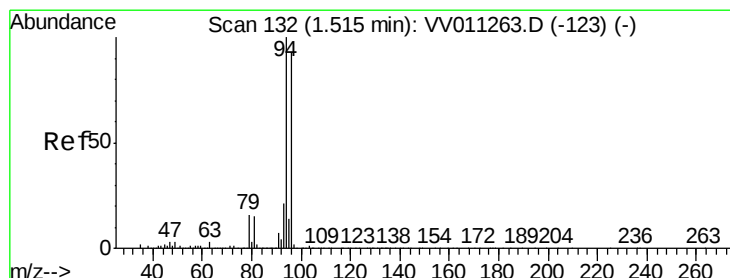
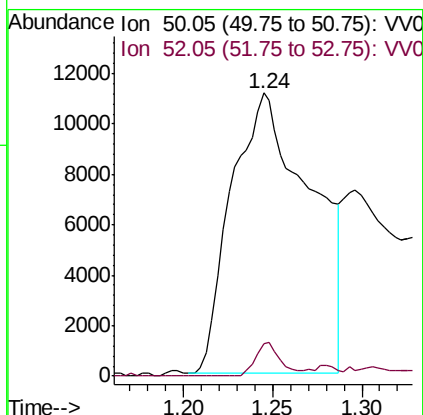
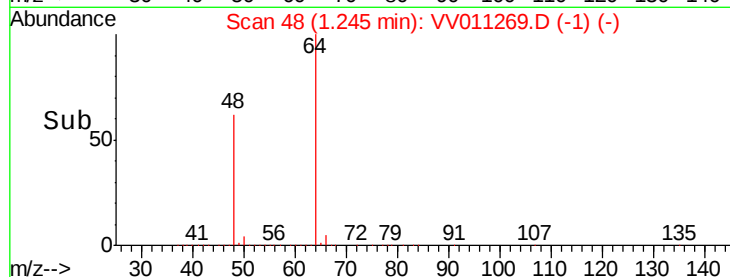
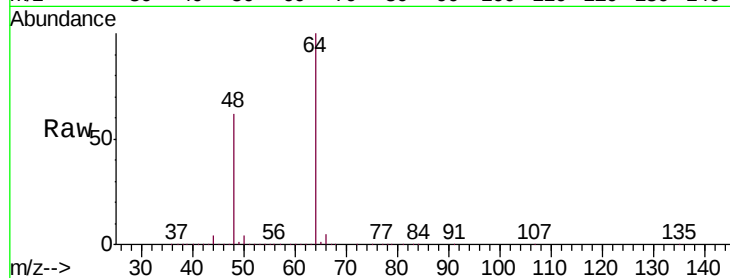
F9P56

Tgt Ion: 50 Resp: 34629

Ion Ratio Lower Upper

50 100

52 11.5 22.3 41.5#



#6

Bromomethane

Concen: 0.331 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.02 min

Lab File: VV011269.D

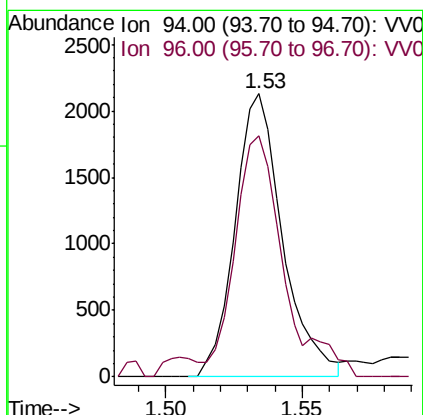
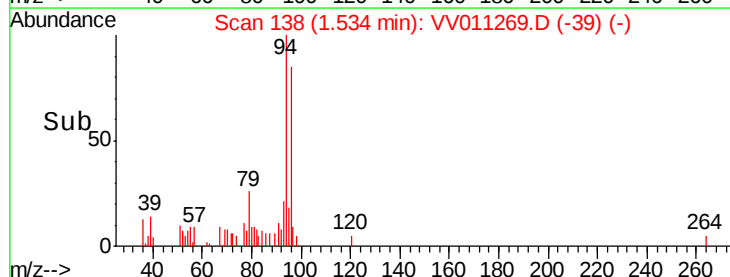
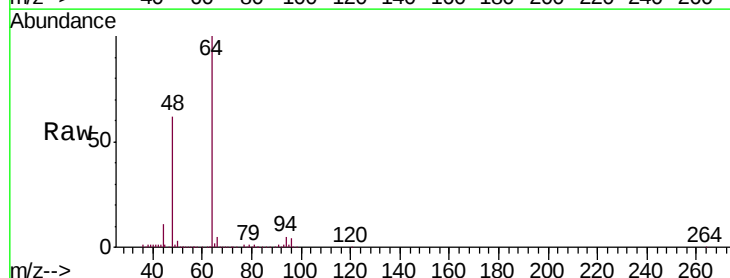
Acq: 07 Jun 2019 03:47

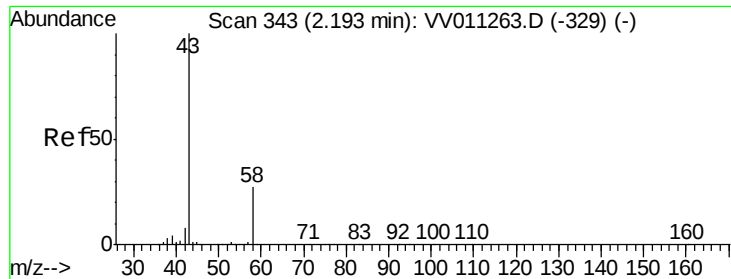
Tgt Ion: 94 Resp: 2572

Ion Ratio Lower Upper

94 100

96 93.9 67.0 124.4





#13

Acetone

Concen: 15.532 ug/L

RT: 2.24 min Scan# 359

Delta R.T. 0.05 min

Lab File: VV011269.D

Acq: 07 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampled :

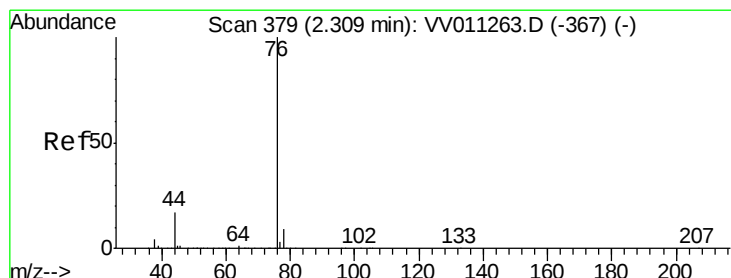
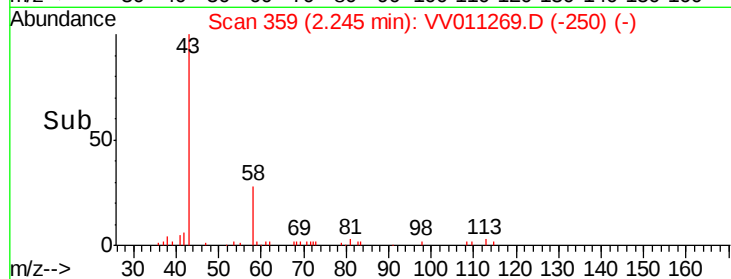
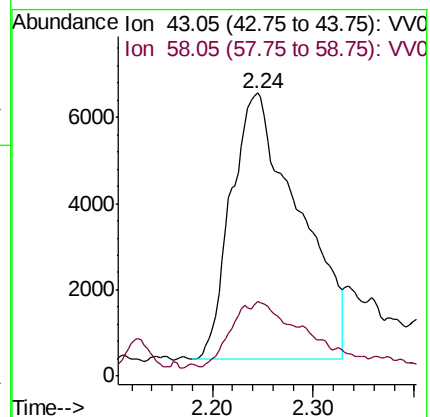
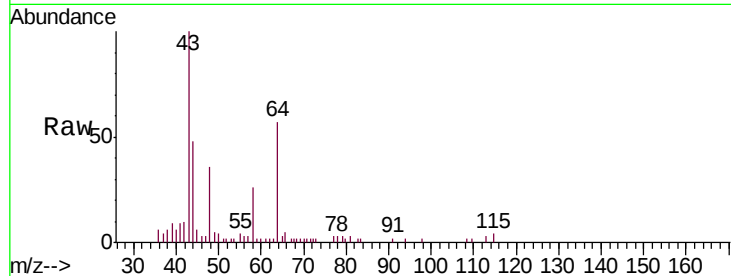
F9P56

Tgt Ion: 43 Resp: 28813

Ion Ratio Lower Upper

43 100

58 7.8 0.0 55.2



#14

Carbon disulfide

Concen: 16.985 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV011269.D

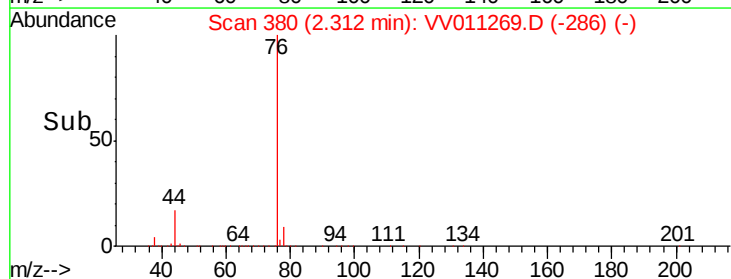
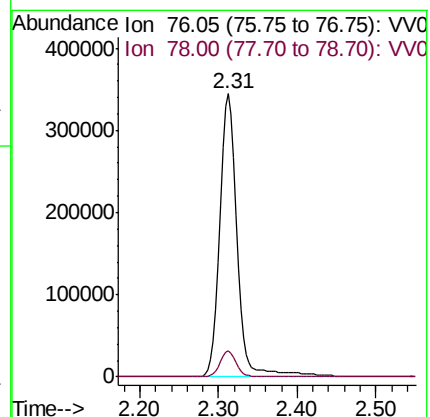
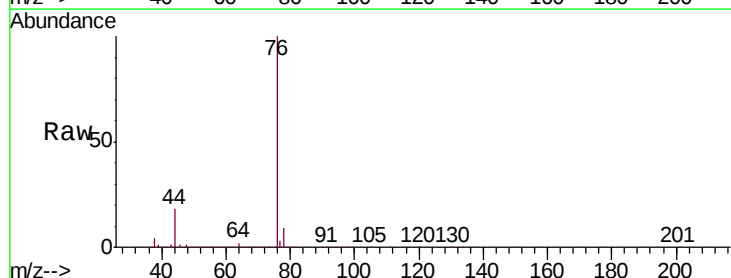
Acq: 07 Jun 2019 03:47

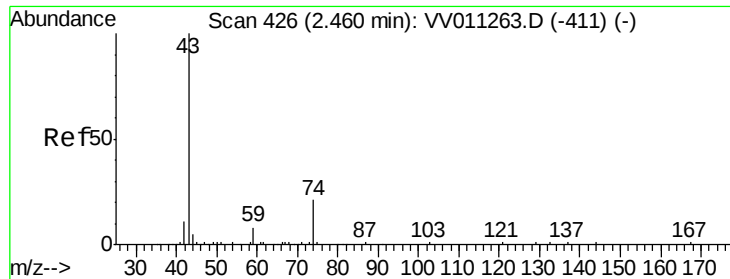
Tgt Ion: 76 Resp: 526475

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

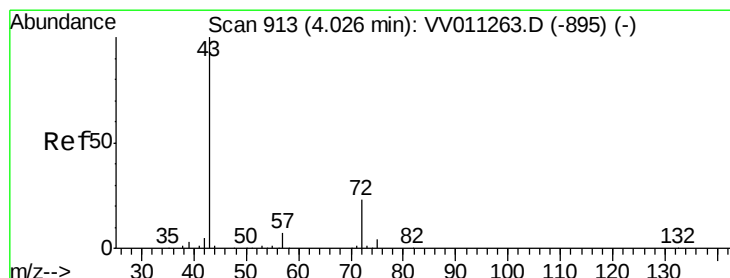
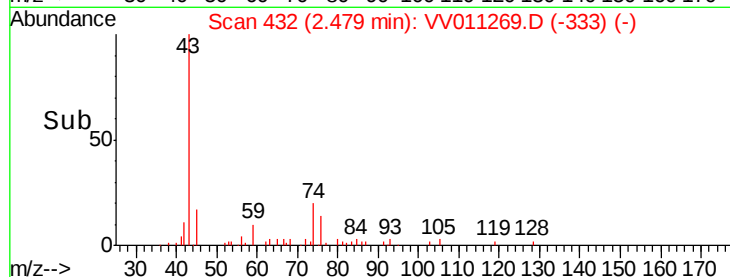
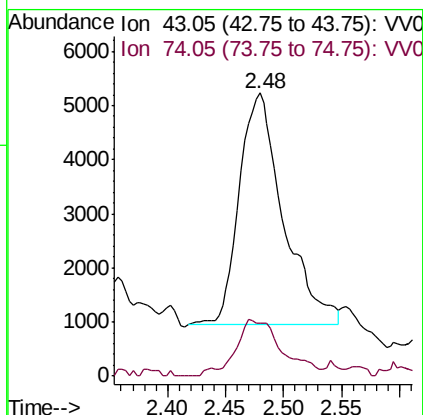
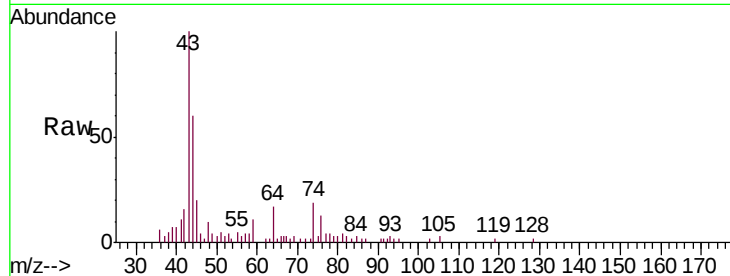




#15
Methyl Acetate
Concen: 2.299 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.02 min
Lab File: VV011269.D
Acq: 07 Jun 2019 03:47

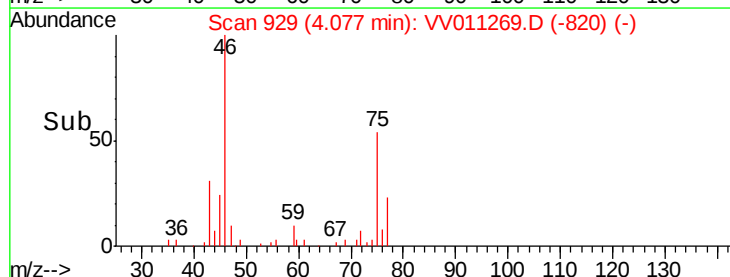
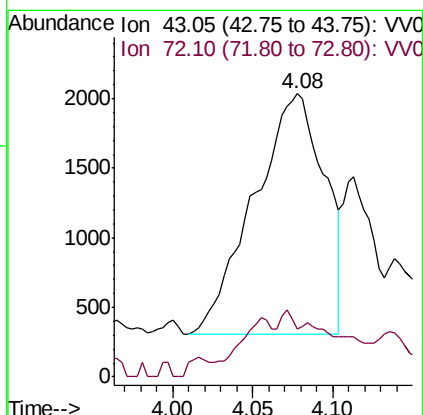
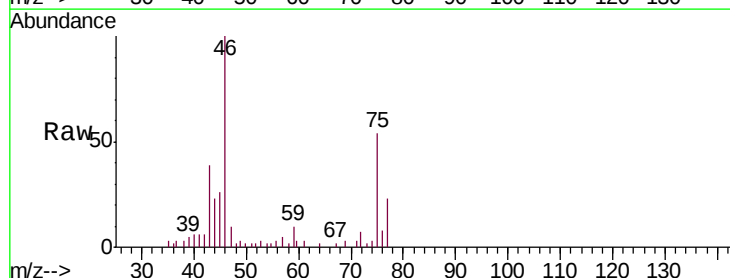
Instrument :
MSVOA_V
ClientSampled :
F9P56

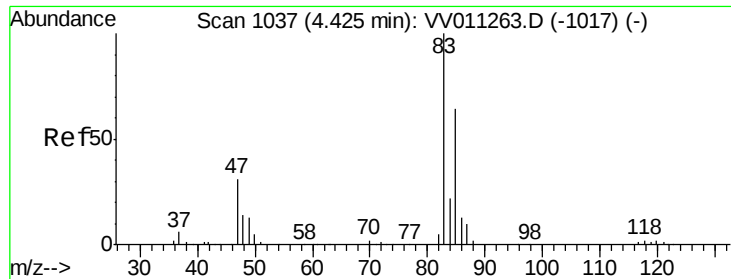
Tgt Ion: 43 Resp: 11326
Ion Ratio Lower Upper
43 100
74 24.9 18.5 27.7



#21
2-Butanone
Concen: 1.841 ug/L
RT: 4.08 min Scan# 929
Delta R.T. 0.05 min
Lab File: VV011269.D
Acq: 07 Jun 2019 03:47

Tgt Ion: 43 Resp: 5260
Ion Ratio Lower Upper
43 100
72 7.8 12.7 38.1#





#25

Chloroform

Concen: 0.080 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV011269.D

Acq: 07 Jun 2019 03:47

Instrument :

MSVOA_V

ClientSampleId :

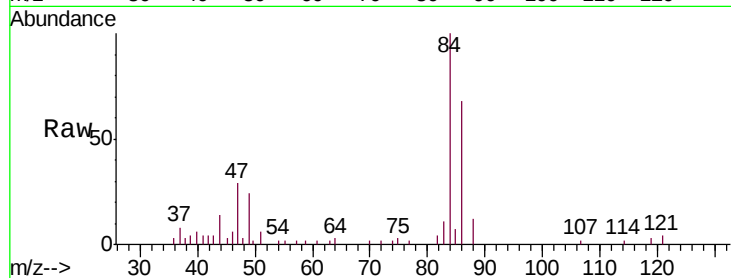
F9P56

Tgt Ion: 83 Resp: 1867

Ion Ratio Lower Upper

83 100

85 59.2 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VV011269.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV011269.D (-1017) (-)

4.43

600

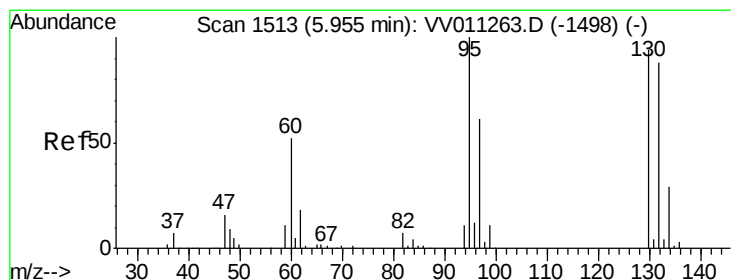
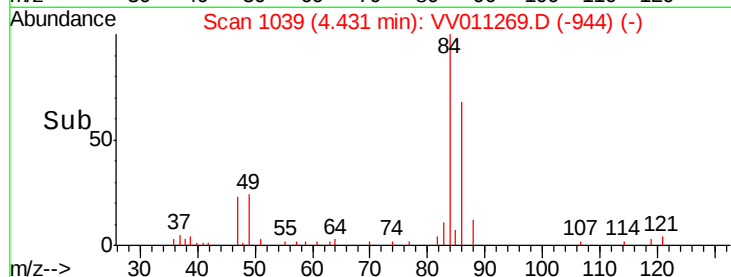
400

200

0

4.35 4.40 4.45

Time-->



#34

Trichloroethene

Concen: 0.195 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011269.D

Acq: 07 Jun 2019 03:47

Tgt Ion: 95 Resp: 2414

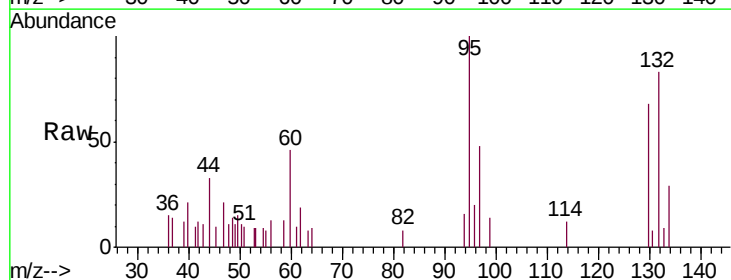
Ion Ratio Lower Upper

95 100

97 48.0 45.8 85.2

132 83.0 66.4 123.2

130 76.8 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV011269.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011269.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011269.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011269.D (-1498) (-)

2000

1500

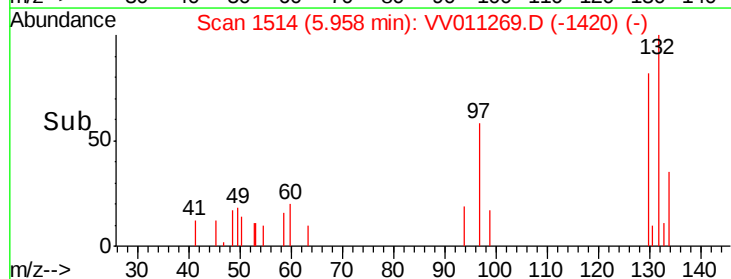
1000

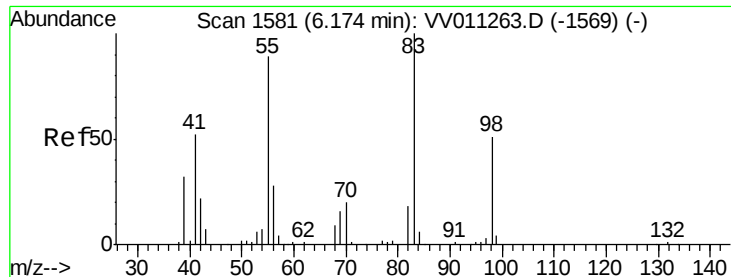
500

0

5.90 5.95 6.00

Time-->

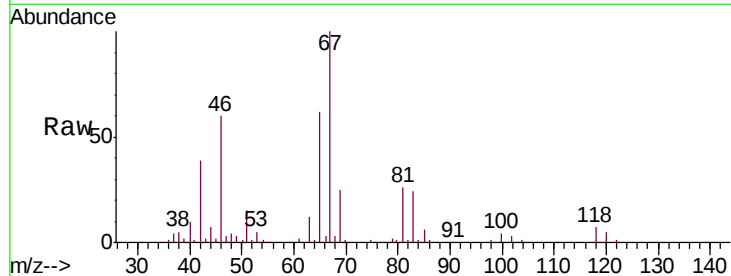




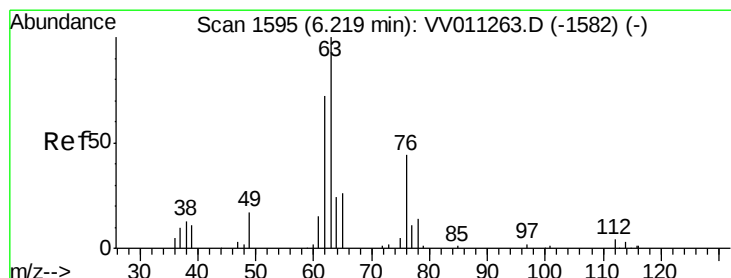
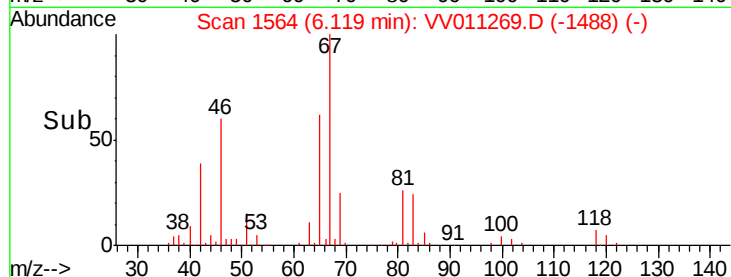
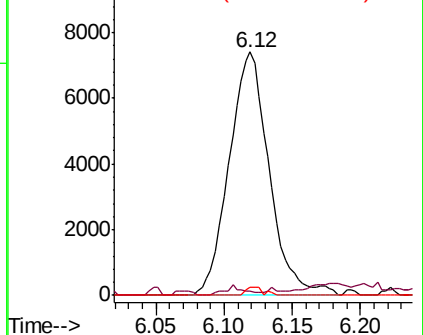
#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011269.D
Acq: 07 Jun 2019 03:47

Instrument :
MSVOA_V
ClientSampleId :
F9P56

Tgt Ion: 83 Resp: 15086
Ion Ratio Lower Upper
83 100
55 2.0 67.0 100.6#
98 1.4 40.0 60.0#

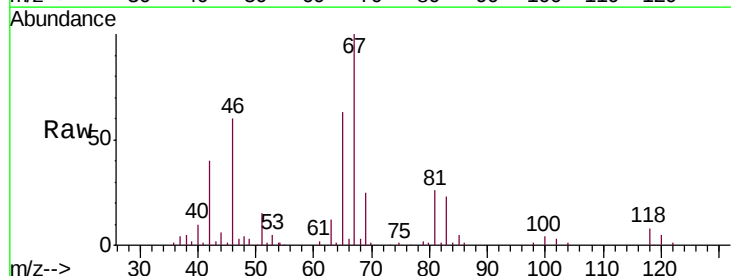


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

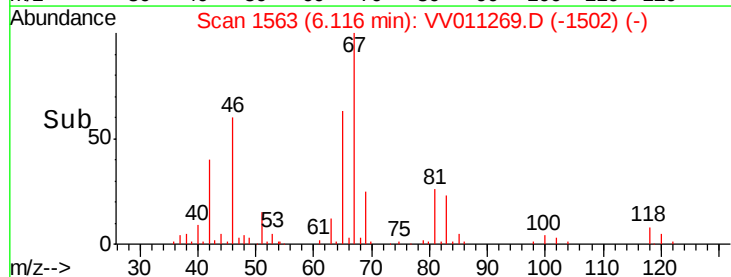
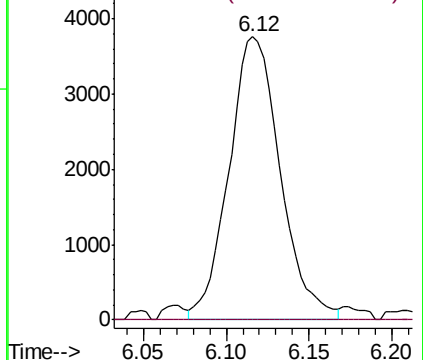


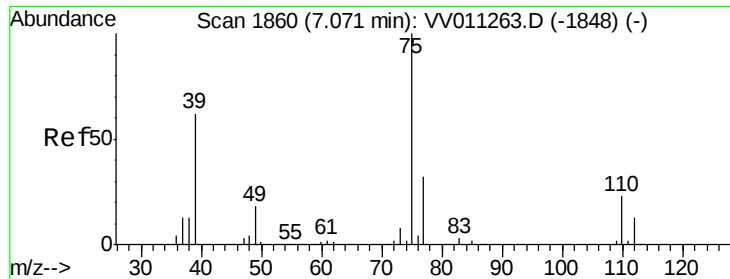
#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011269.D
Acq: 07 Jun 2019 03:47

Tgt Ion: 63 Resp: 8113
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



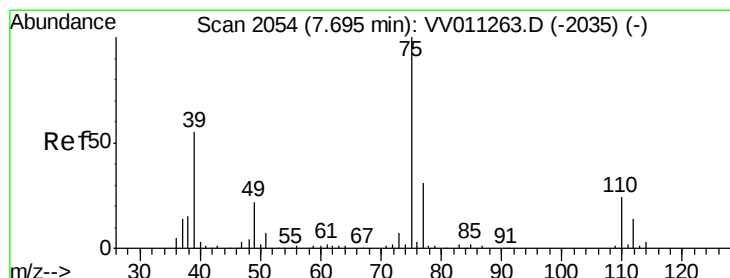
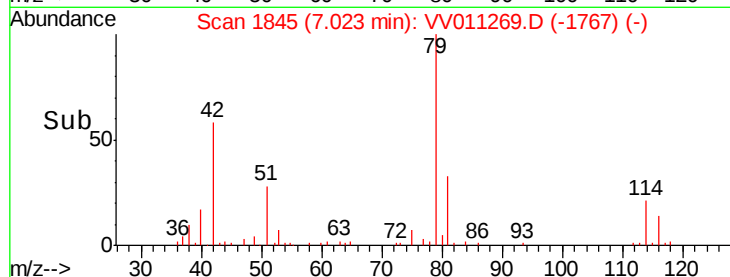
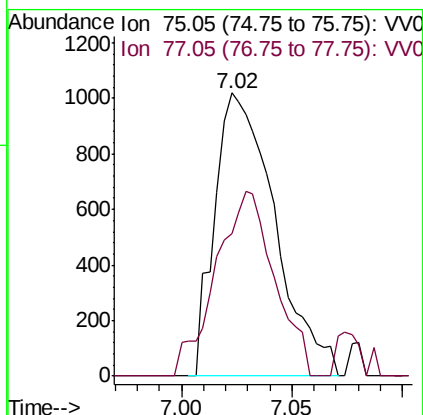
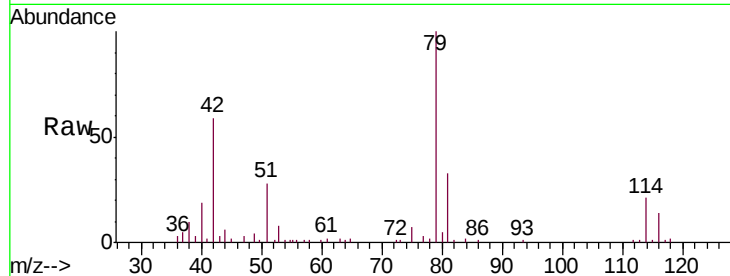


#39

cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011269.D
Acq: 07 Jun 2019 03:47

Instrument :
MSVOA_V
ClientSampleId :
F9P56

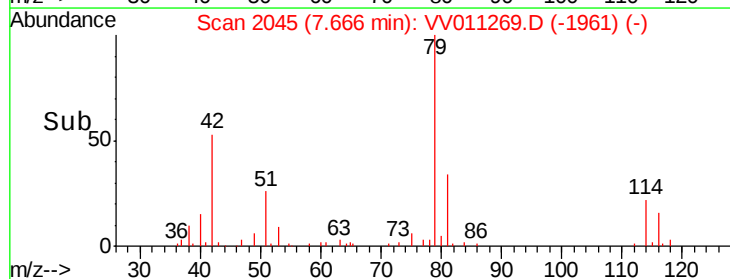
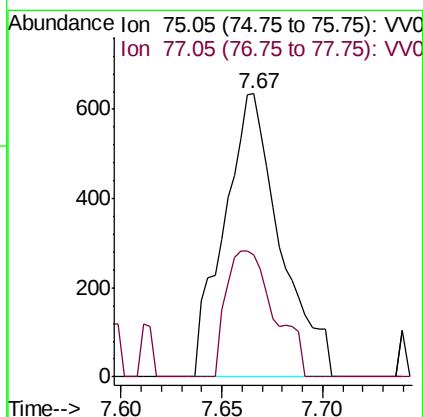
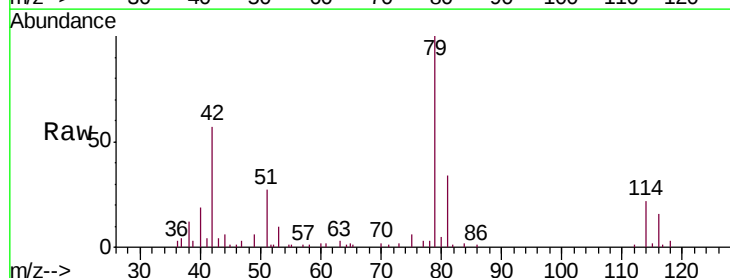
Tgt Ion: 75 Resp: 1922
Ion Ratio Lower Upper
75 100
77 50.4 22.2 41.2#

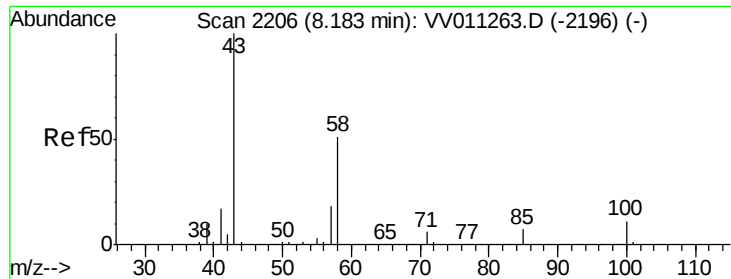


#44

trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011269.D
Acq: 07 Jun 2019 03:47

Tgt Ion: 75 Resp: 1232
Ion Ratio Lower Upper
75 100
77 43.3 23.1 42.9#





#48

2-Hexanone

Concen: 3.987 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV011269.D

Acq: 07 Jun 2019 03:47

Instrument :
MSVOA_V
ClientSampleId :
F9P56

Tgt Ion: 43 Resp: 21144

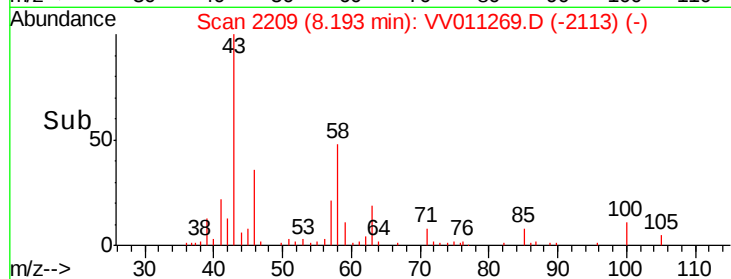
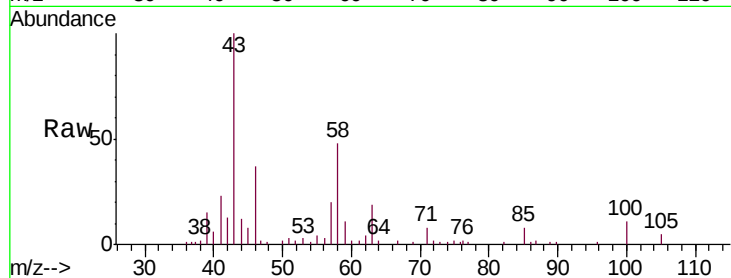
Ion Ratio Lower Upper

43 100

58 45.6 41.4 62.0

57 24.6 15.0 22.4#

100 11.3 9.0 13.4



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

