

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014559.D
 Acq On : 08 Jan 2020 14:37
 Operator : SY/VA
 Sample : L1056-03
 Misc : 8.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB447_200106_35-36

Quant Time: Jan 08 15:40:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

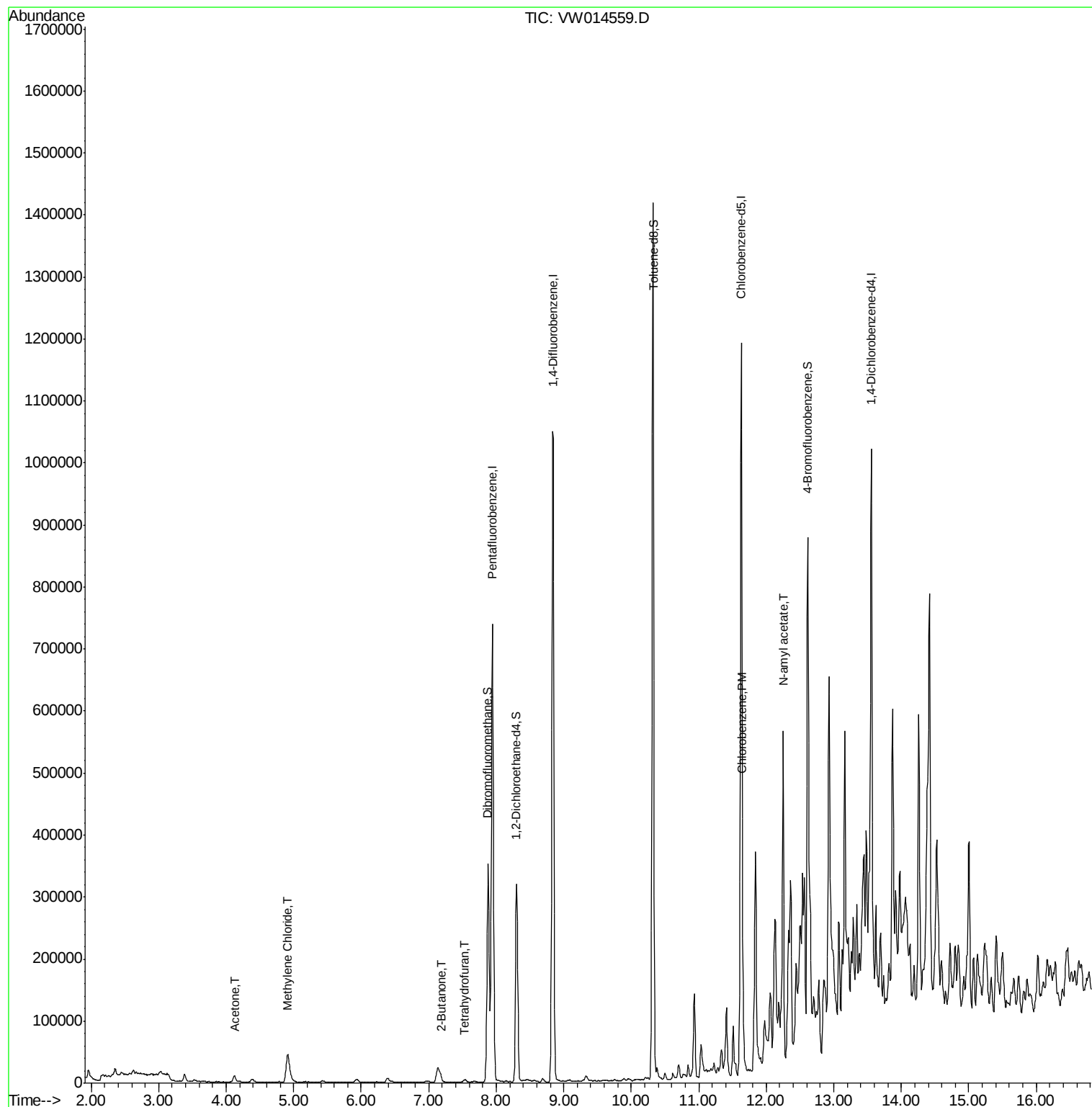
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	604312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	942988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	673278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	216454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	251828	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	258295	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.32	98	978519	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
62) 4-Bromofluorobenzene	12.62	95	246230	32.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.56%	
Target Compounds						
16) Acetone	4.12	43	19059	12.775	ug/l	99
20) Methylene Chloride	4.92	84	40438	2.400	ug/l	96
25) 2-Butanone	7.19	43	5494	2.870	ug/l #	83
29) Tetrahydrofuran	7.53	42	3513	2.962	ug/l	94
65) Chlorobenzene	11.65	112	51027	3.699	ug/l	95
74) N-amyl acetate	12.25	43	103886	29.172	ug/l #	64

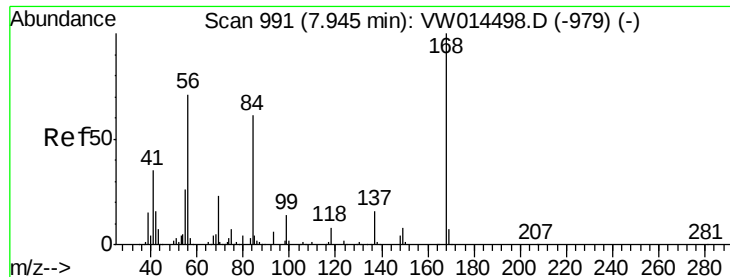
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014559.D
Acq On : 08 Jan 2020 14:37
Operator : SY/VA
Sample : L1056-03
Misc : 8.36G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB447_200106_35-36

Quant Time: Jan 08 15:40:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014559.D

Acq: 08 Jan 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

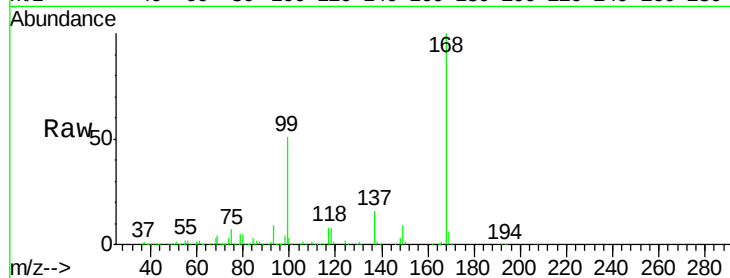
WP022SB447_200106_35-36

Tgt Ion:168 Resp: 604312

Ion Ratio Lower Upper

168 100

99 50.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

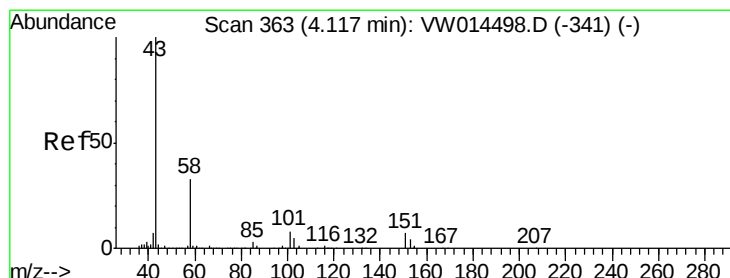
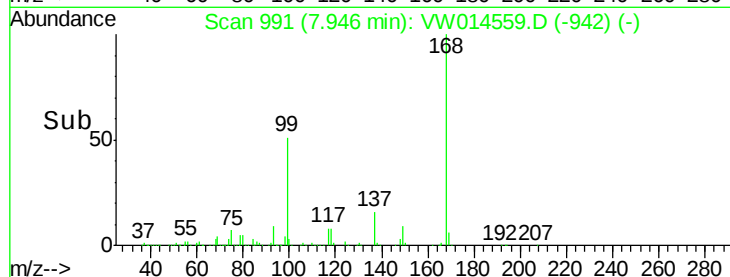
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 12.775 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014559.D

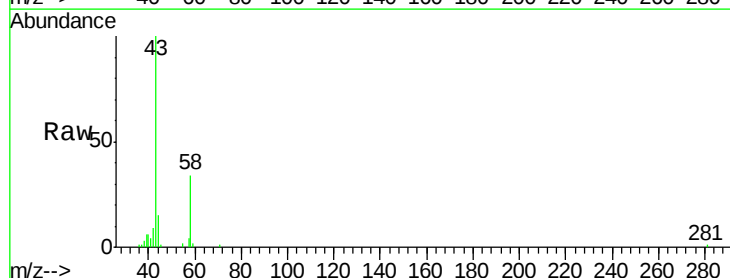
Acq: 08 Jan 2020 14:37

Tgt Ion: 43 Resp: 19059

Ion Ratio Lower Upper

43 100

58 33.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

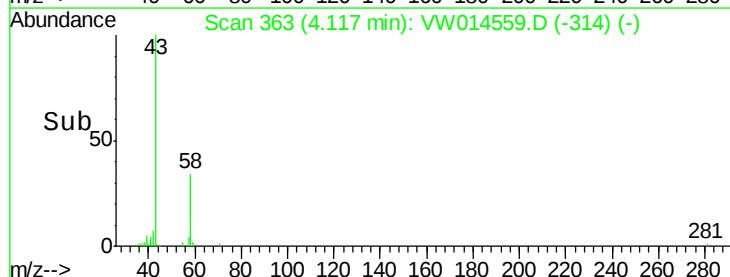
6000

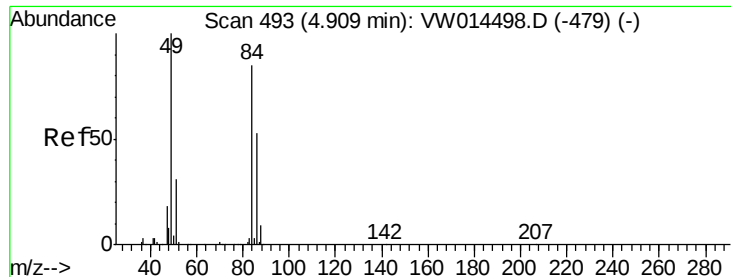
4000

2000

0

Time--> 4.00 4.10 4.20

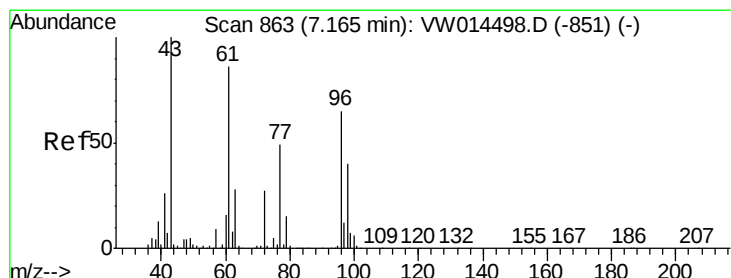
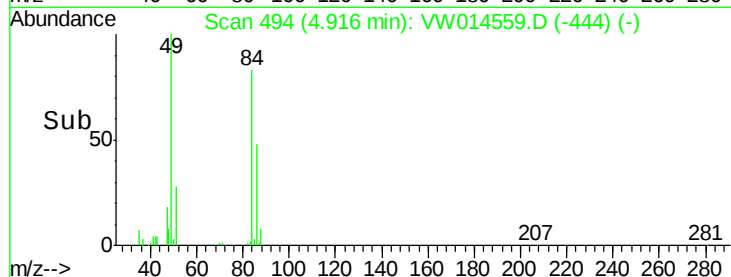
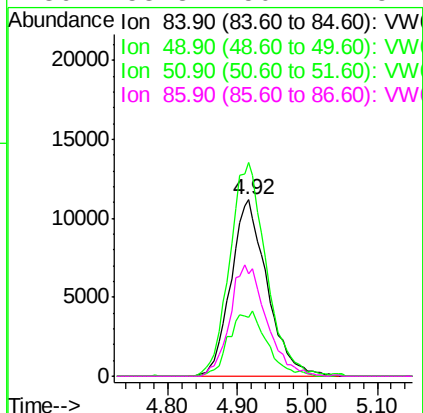
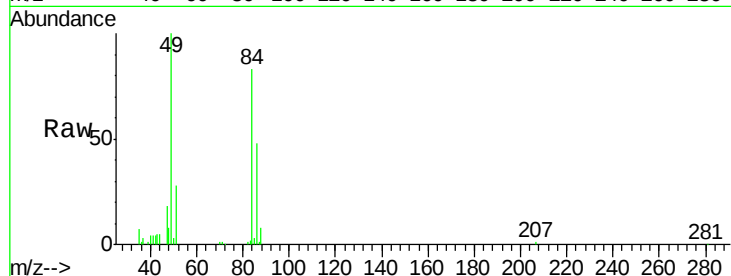




#20
Methylene Chloride
Concen: 2.400 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014559.D
Acq: 08 Jan 2020 14:37

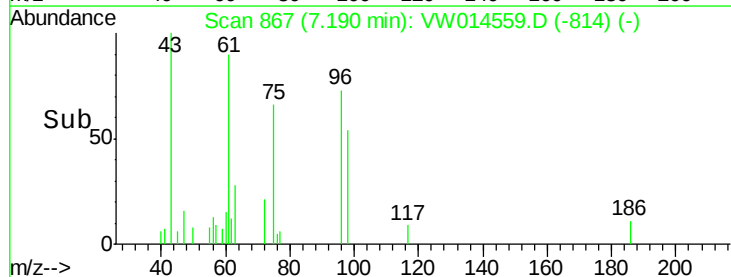
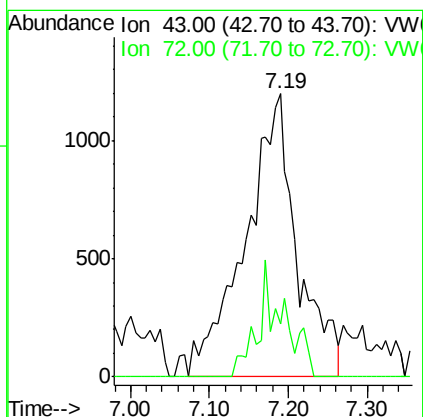
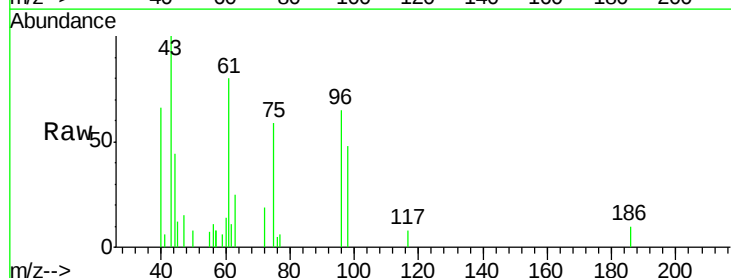
Instrument :
MSVOA_W
ClientSampleId :
WP022SB447_200106_35-36

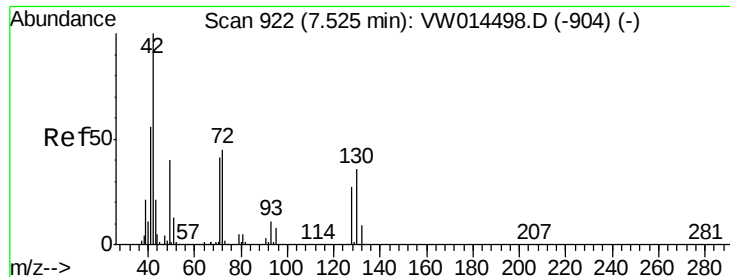
Tgt Ion: 84 Resp: 40438
Ion Ratio Lower Upper
84 100
49 121.2 94.4 141.6
51 33.6 29.5 44.3
86 58.3 50.2 75.2



#25
2-Butanone
Concen: 2.870 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW014559.D
Acq: 08 Jan 2020 14:37

Tgt Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
72 18.6 21.9 32.9#

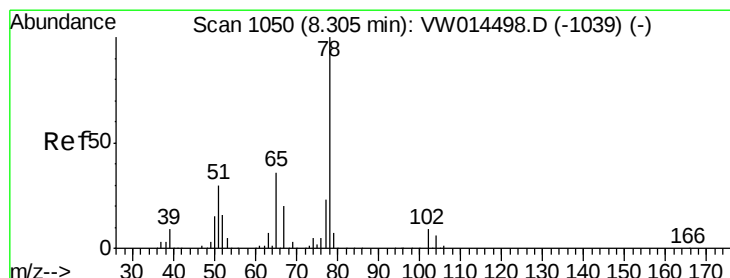
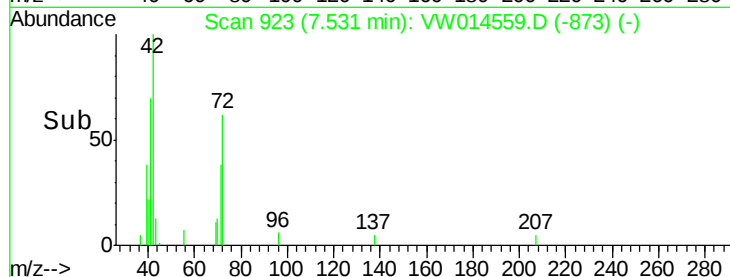
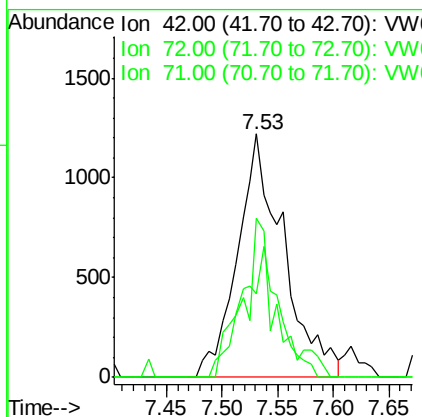
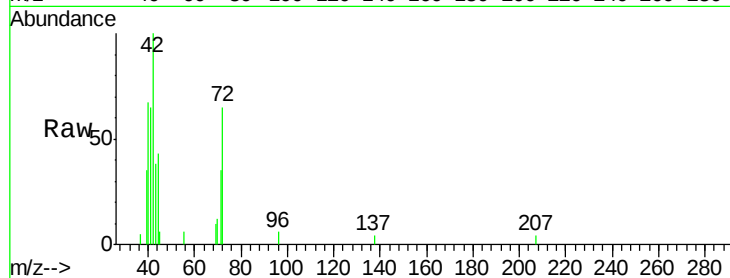




#29
Tetrahydrofuran
Concen: 2.962 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW014559.D
Acq: 08 Jan 2020 14:37

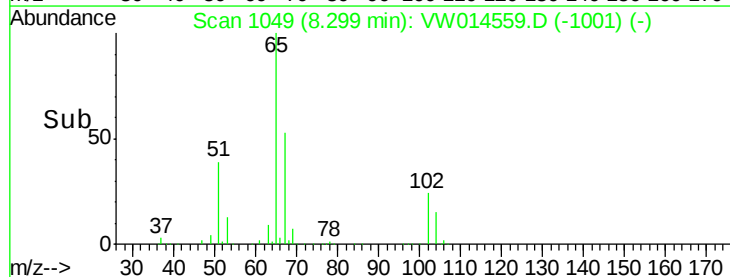
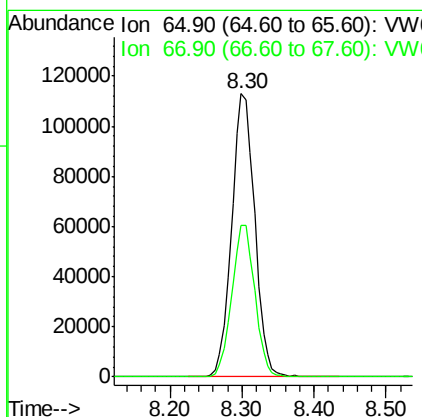
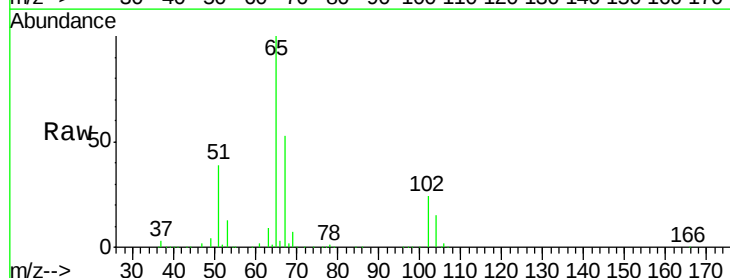
Instrument :
MSVOA_W
ClientSampleId :
WP022SB447_200106_35-36

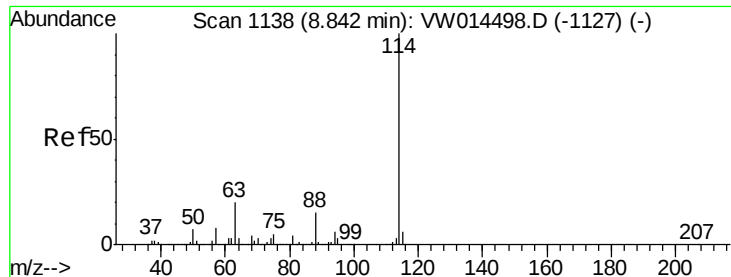
Tgt Ion: 42 Resp: 3513
Ion Ratio Lower Upper
42 100
72 47.1 34.5 51.7
71 43.7 32.0 48.0



#33
1,2-Dichloroethane-d4
Concen: 47.662 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014559.D
Acq: 08 Jan 2020 14:37

Tgt Ion: 65 Resp: 251828
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4

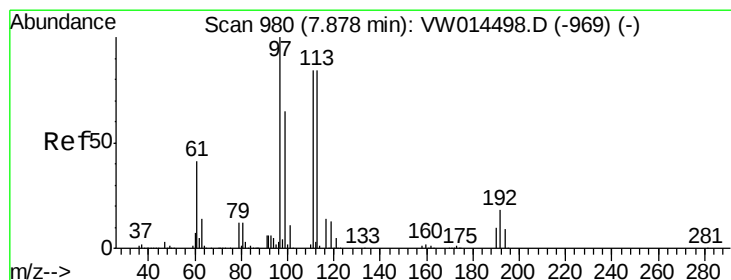
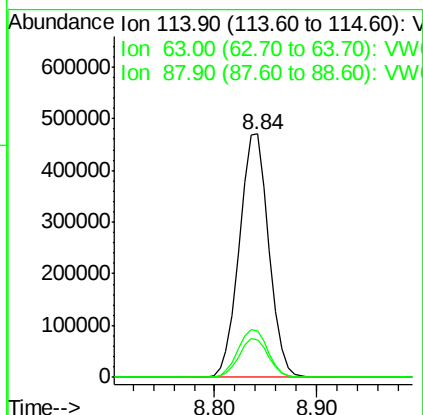
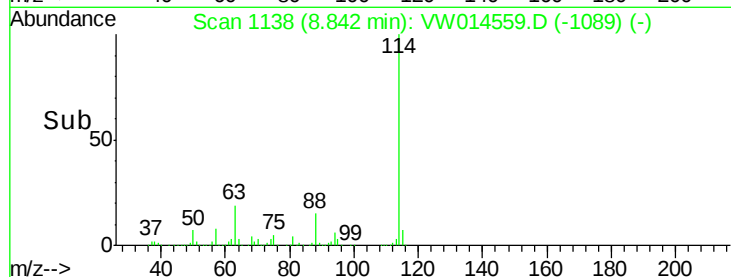
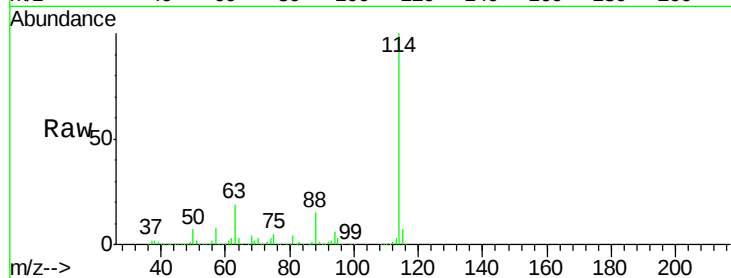




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014559.D
 Acq: 08 Jan 2020 14:37

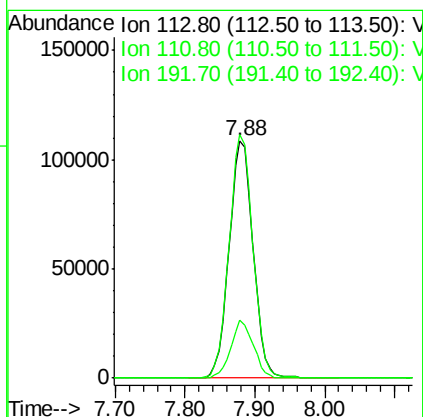
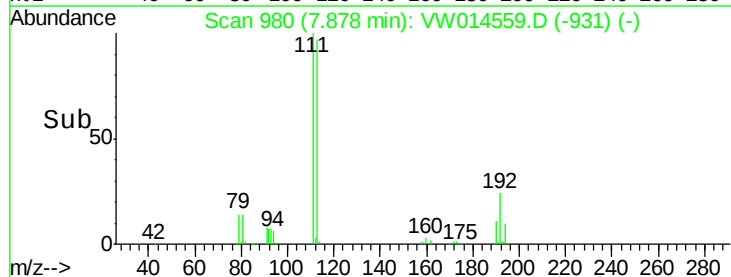
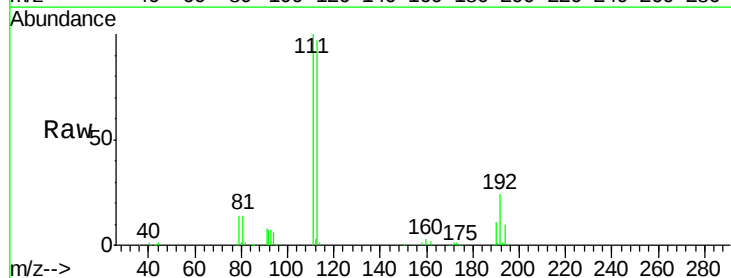
Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB447_200106_35-36

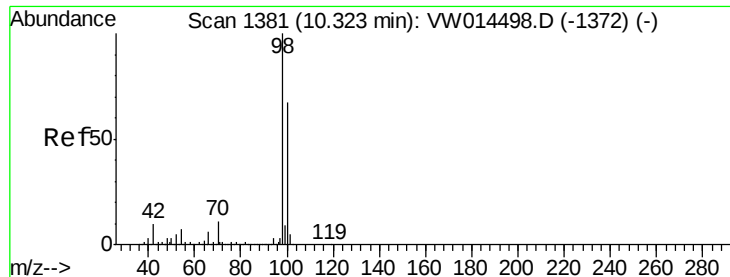
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.4
88	15.2	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.927 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014559.D
 Acq: 08 Jan 2020 14:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.9	17.8	26.8





#50

Toluene-d8

Concen: 43.507 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014559.D

Acq: 08 Jan 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

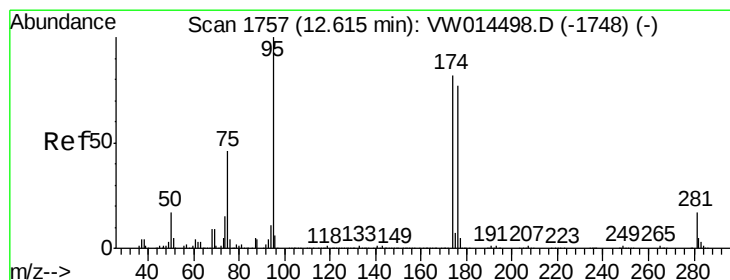
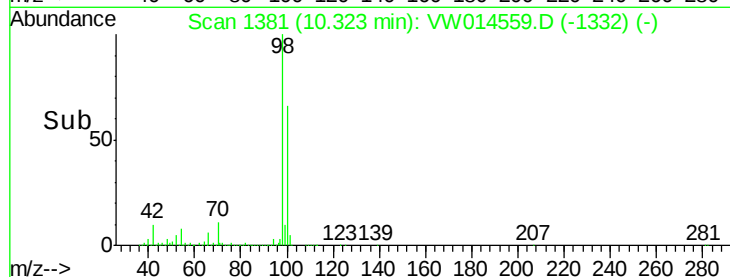
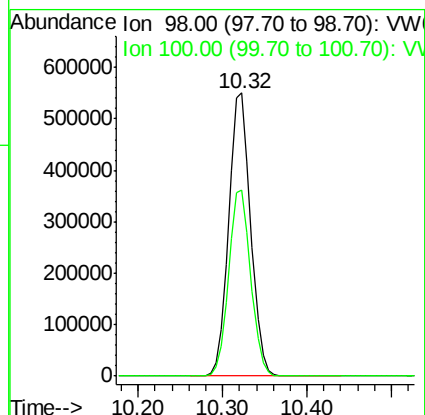
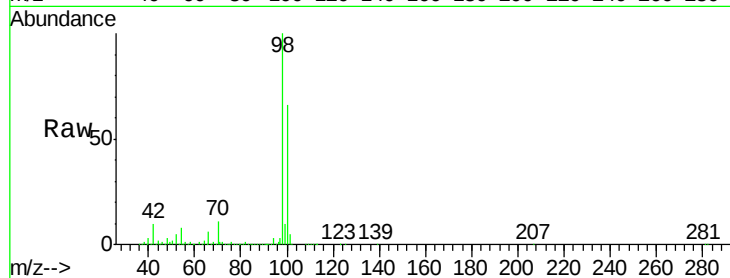
WP022SB447_200106_35-36

Tgt Ion: 98 Resp: 978519

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 32.277 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014559.D

Acq: 08 Jan 2020 14:37

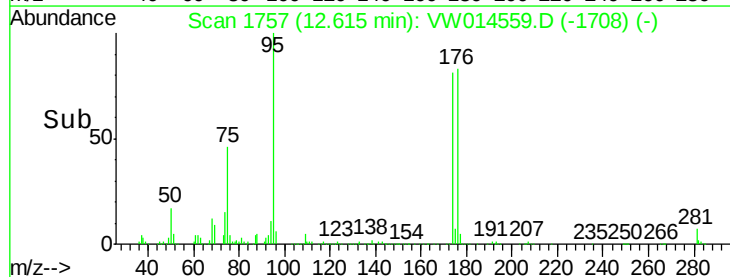
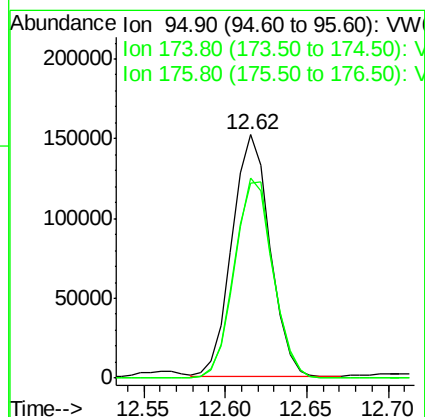
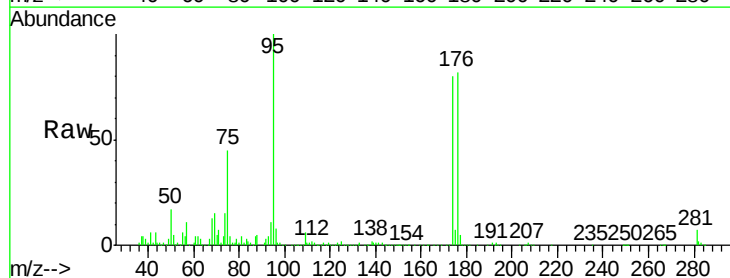
Tgt Ion: 95 Resp: 246230

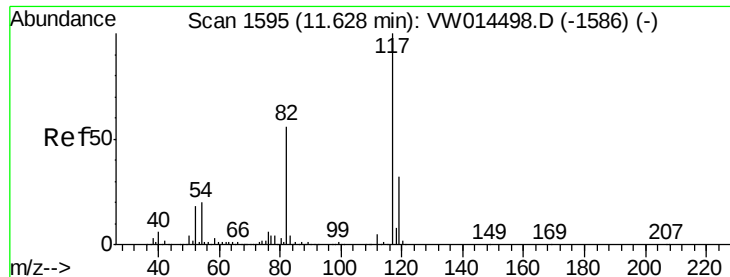
Ion Ratio Lower Upper

95 100

174 84.2 0.0 168.6

176 83.4 0.0 162.0

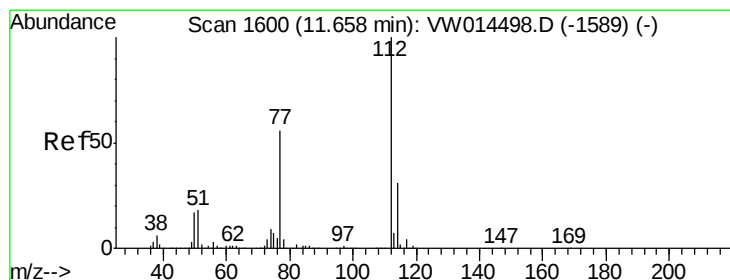
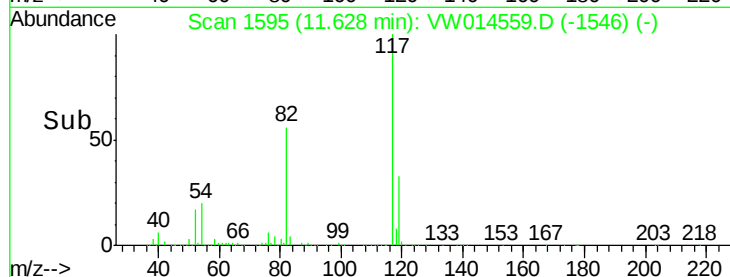
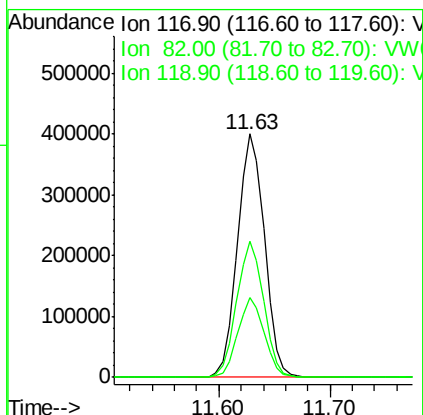
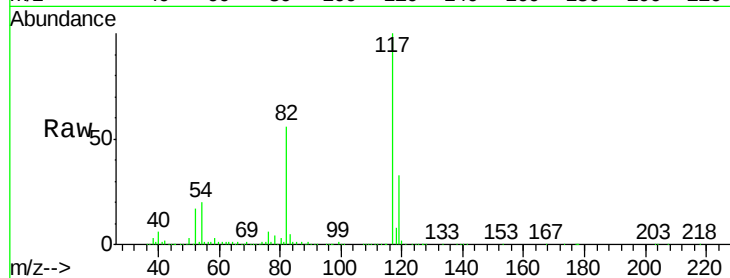




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014559.D
Acq: 08 Jan 2020 14:37

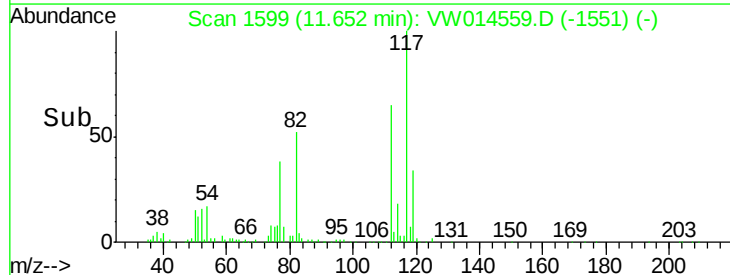
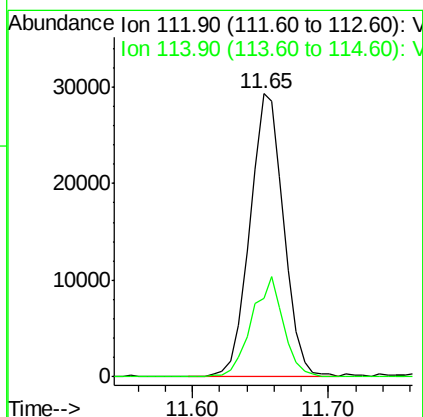
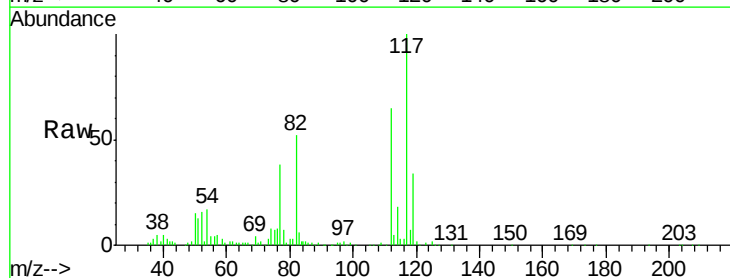
Instrument :
MSVOA_W
ClientSampleId :
WP022SB447_200106_35-36

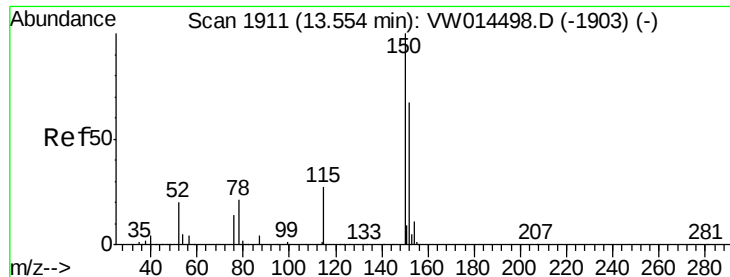
Tgt Ion:117 Resp: 673278
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.6 25.7 38.5



#65
Chlorobenzene
Concen: 3.699 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014559.D
Acq: 08 Jan 2020 14:37

Tgt Ion:112 Resp: 51027
Ion Ratio Lower Upper
112 100
114 27.9 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014559.D

Acq: 08 Jan 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

WP022SB447_200106_35-36

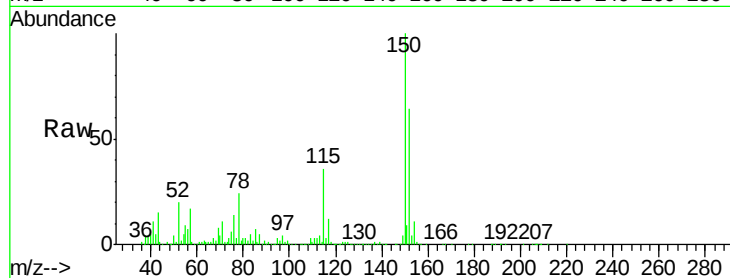
Tgt Ion:152 Resp: 216454

Ion Ratio Lower Upper

152 100

115 53.4 27.7 83.1

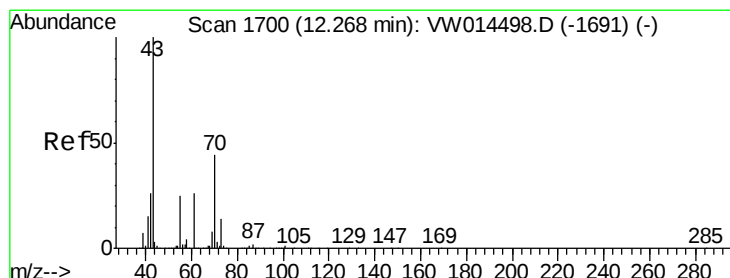
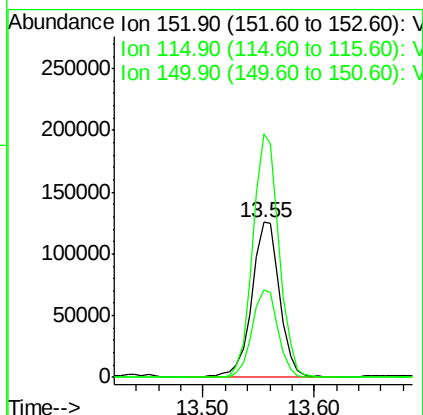
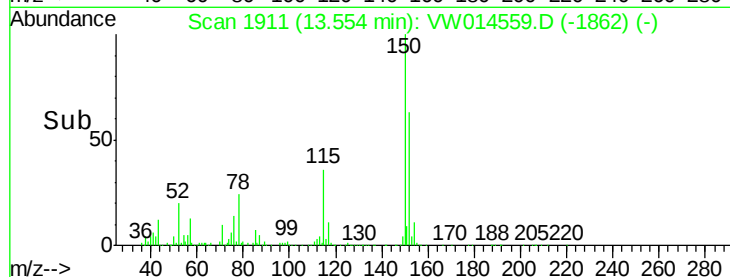
150 148.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 29.172 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW014559.D

Acq: 08 Jan 2020 14:37

Tgt Ion: 43 Resp: 103886

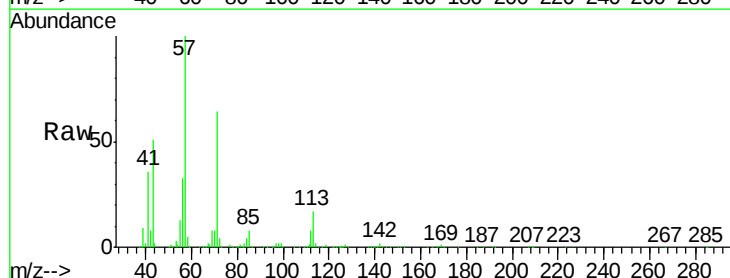
Ion Ratio Lower Upper

43 100

70 22.5 36.5 54.7#

55 37.3 20.9 31.3#

61 0.1 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

