

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008957.D
 Acq On : 02 Mar 2019 08:40
 Operator : SY/VA
 Sample : K1670-04
 Misc : 8.02G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-032-B

Quant Time: Mar 04 00:57:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

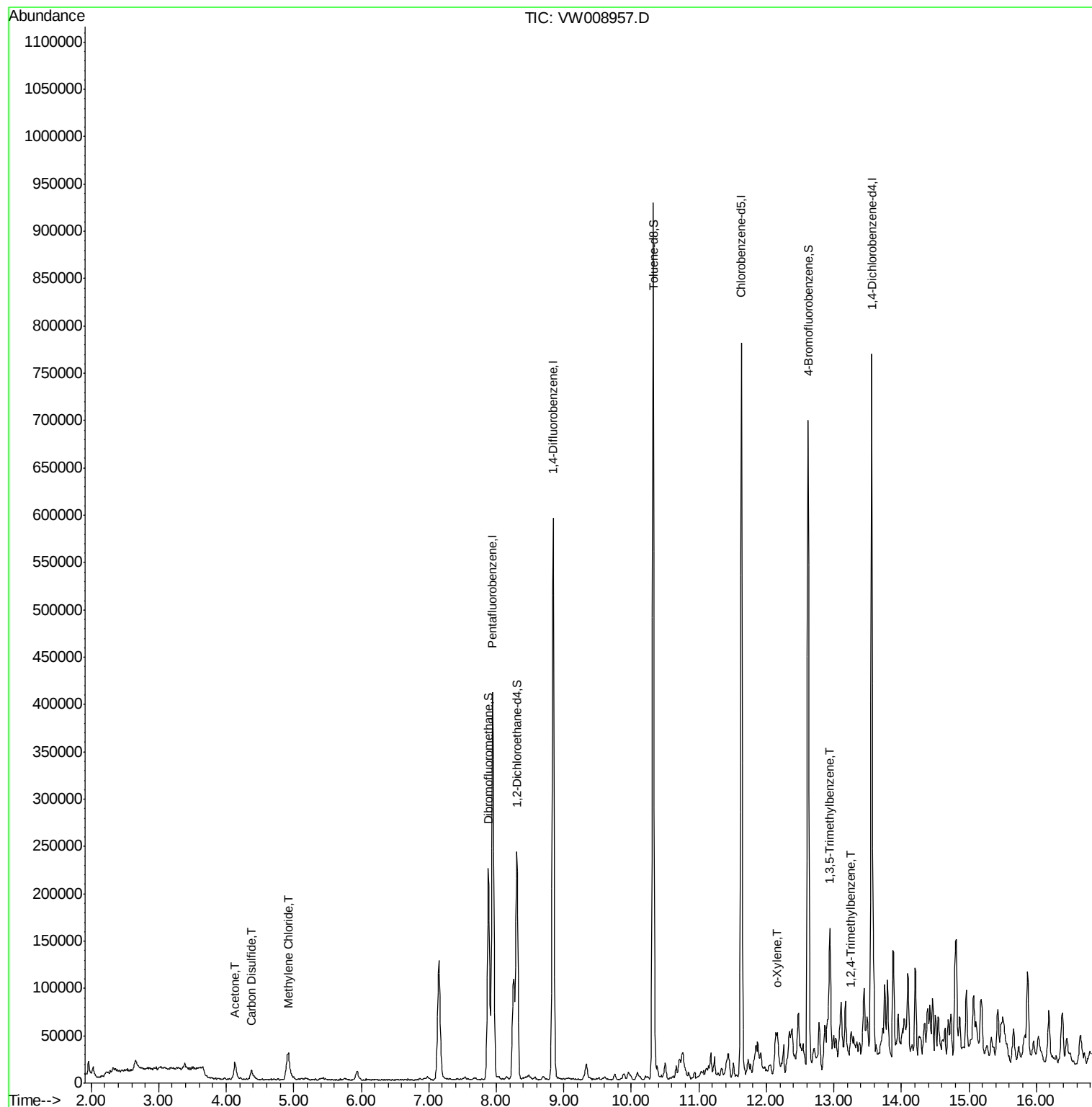
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	173366	60.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.56%	
35) Dibromofluoromethane	7.88	113	150202	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.32	98	572762	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	193882	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	4.13	43	30759	46.143	ug/l	93
17) Carbon Disulfide	4.38	76	18414	2.067	ug/l #	93
20) Methylene Chloride	4.92	84	20854	1.383	ug/l	85
69) o-Xylene	12.17	106	8283	1.370	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	35679	3.191	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	14573	1.259	ug/l	96

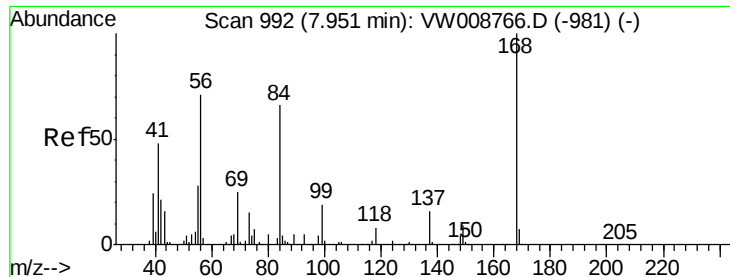
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030219\
Data File : VW008957.D
Acq On : 02 Mar 2019 08:40
Operator : SY/VA
Sample : K1670-04
Misc : 8.02G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-032-B

Quant Time: Mar 04 00:57:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Instrument :

MSVOA_W

ClientSampleId :

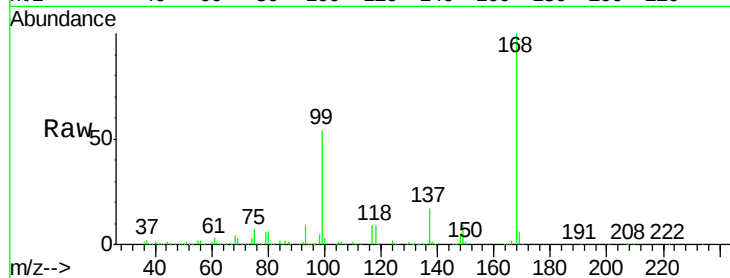
FK-GF-02-032-B

Tot Ion:168 Resp: 306624

Ion Ratio Lower Upper

168 100

99 54.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

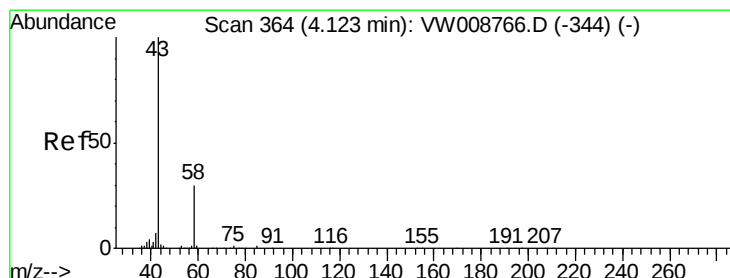
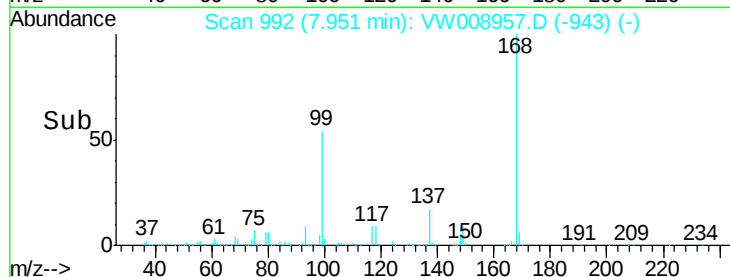
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 46.143 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008957.D

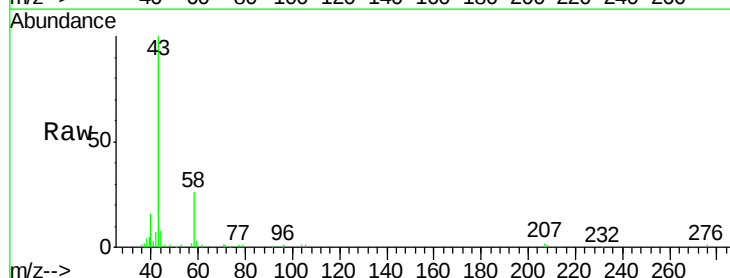
Acq: 02 Mar 2019 08:40

Tgt Ion: 43 Resp: 30759

Ion Ratio Lower Upper

43 100

58 26.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

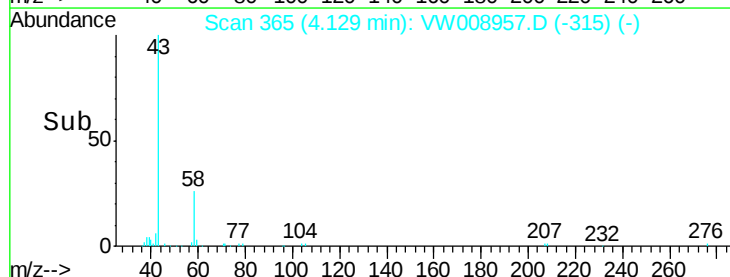
4.13

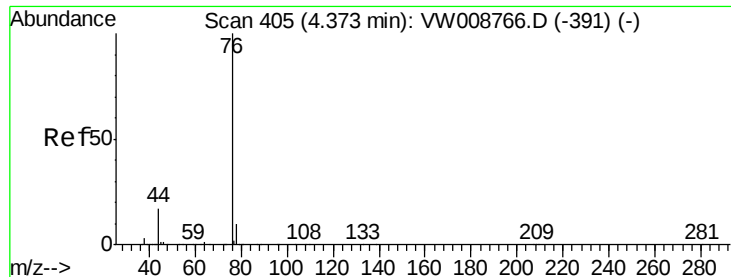
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 2.067 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Instrument :

MSVOA_W

ClientSampleId :

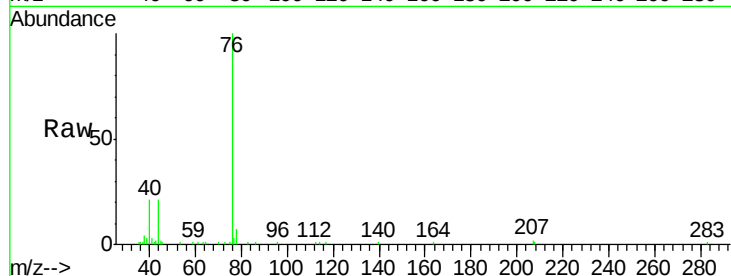
FK-GF-02-032-B

Tot Ion: 76 Resp: 18414

Ion Ratio Lower Upper

76 100

78 7.2 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

8000

6000

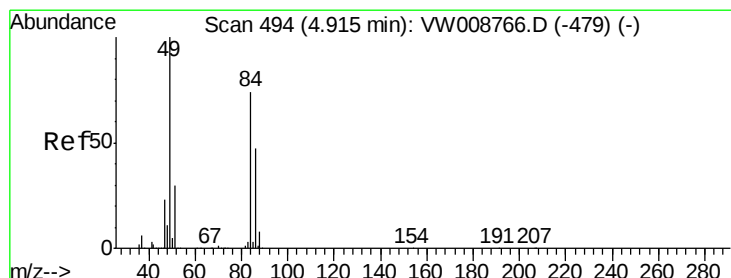
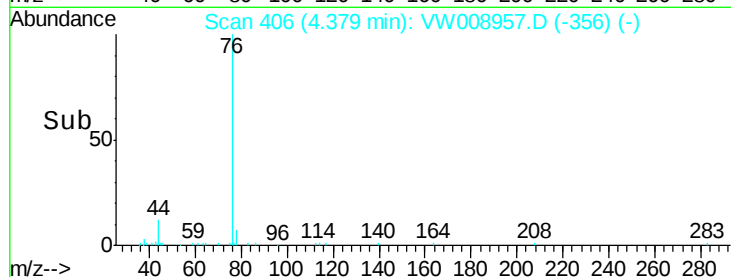
4000

2000

0

Time-->

4.30 4.40 4.50



#20

Methylene Chloride

Concen: 1.383 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Tgt Ion: 84 Resp: 20854

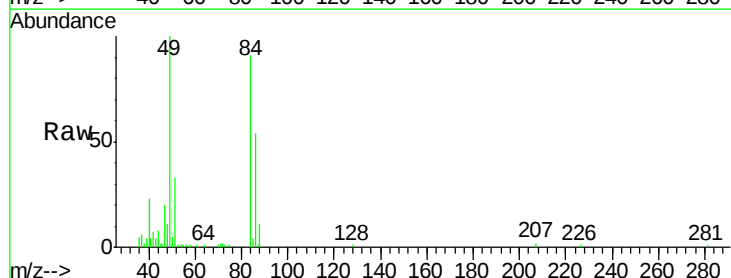
Ion Ratio Lower Upper

84 100

49 109.3 108.2 162.2

51 35.9 32.7 49.1

86 58.9 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

12000

10000

8000

6000

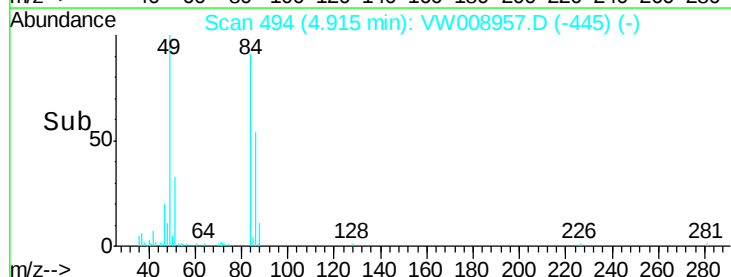
4000

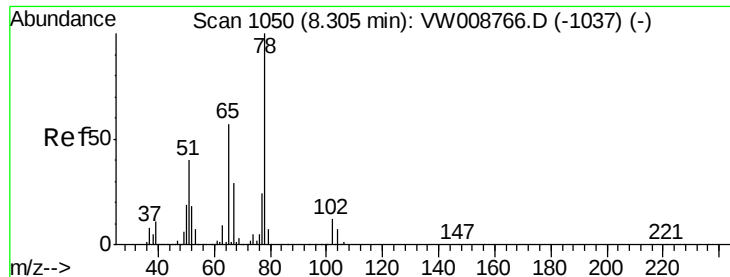
2000

0

Time-->

4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 60.283 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Instrument :

MSVOA_W

ClientSampled :

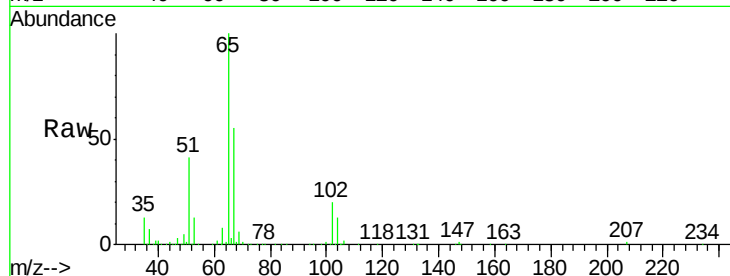
FK-GF-02-032-B

Tot Ion: 65 Resp: 173366

Ion Ratio Lower Upper

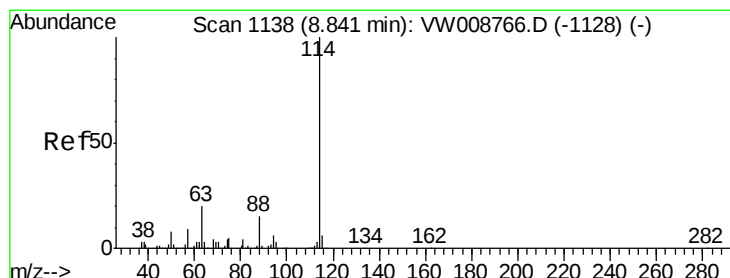
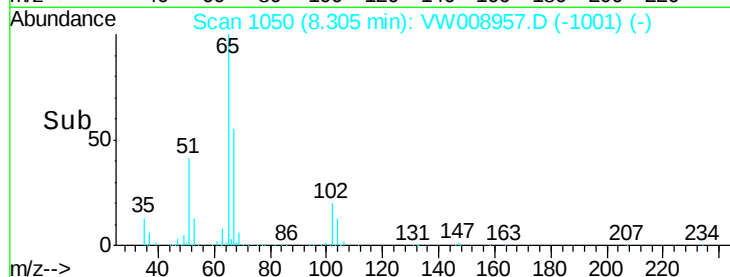
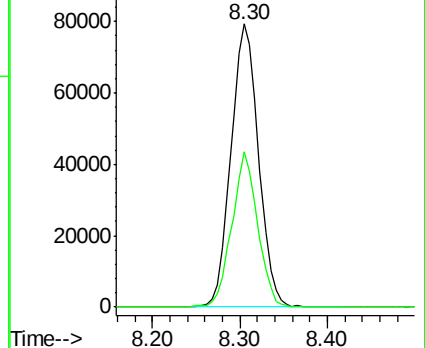
65 100

67 51.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

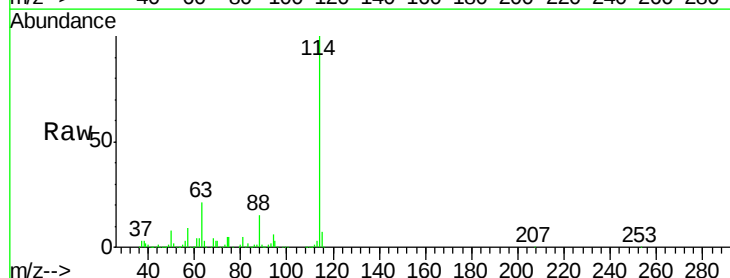
Tgt Ion: 114 Resp: 479503

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

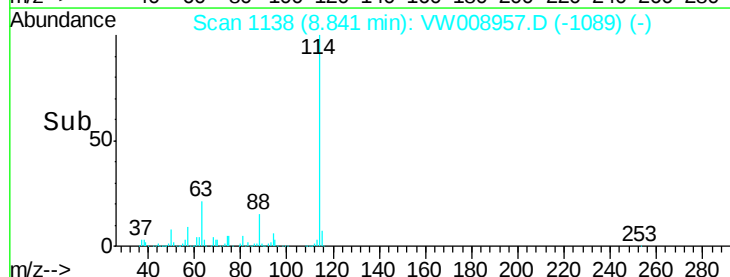
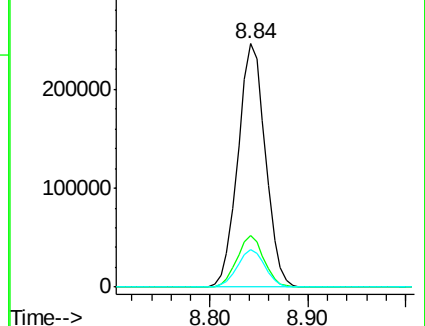
88 15.4 0.0 30.4

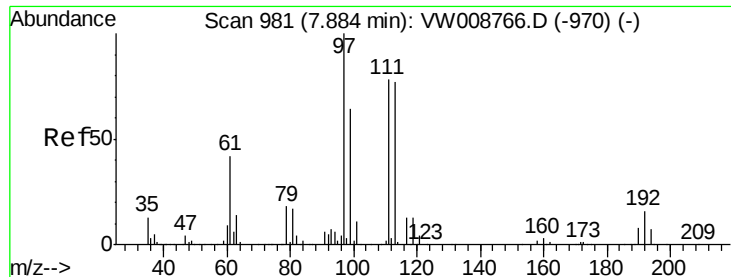


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.172 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-032-B

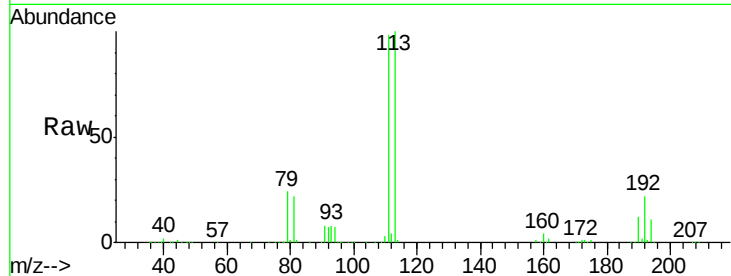
Tot Ion:113 Resp: 150202

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

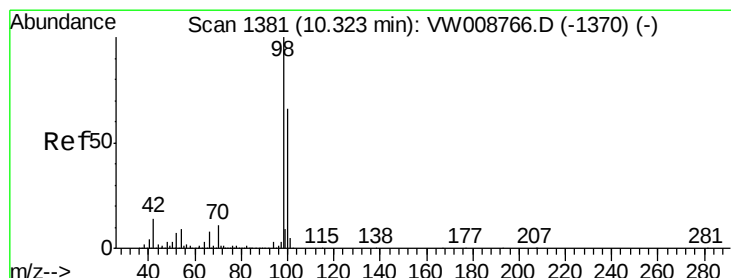
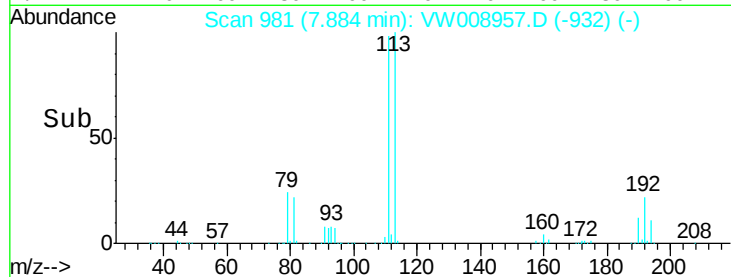
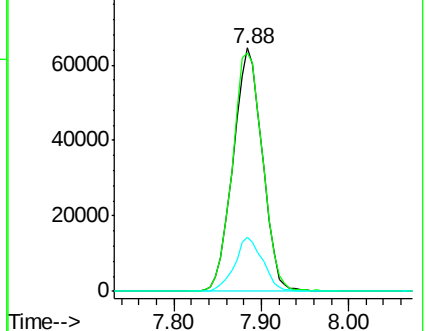
192 21.4 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 51.536 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008957.D

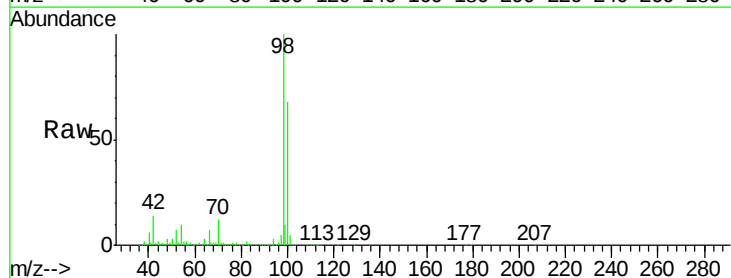
Acq: 02 Mar 2019 08:40

Tgt Ion: 98 Resp: 572762

Ion Ratio Lower Upper

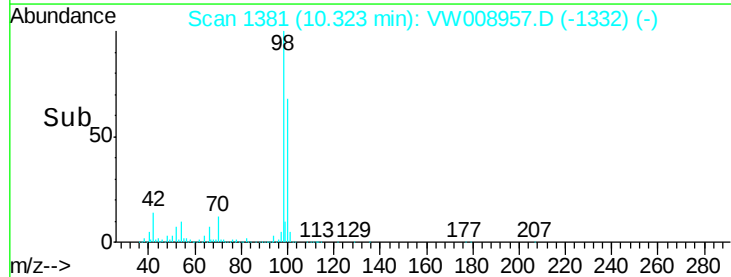
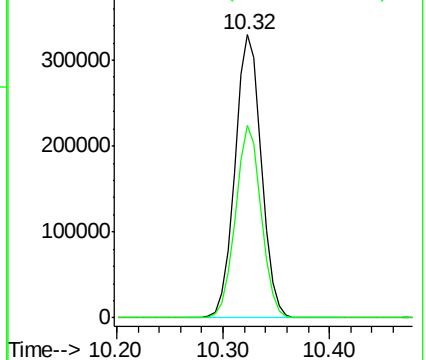
98 100

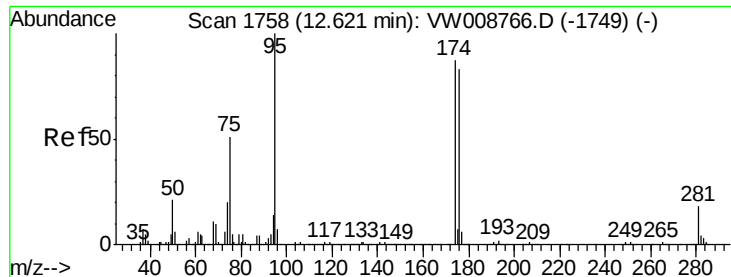
100 66.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.555 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-032-B

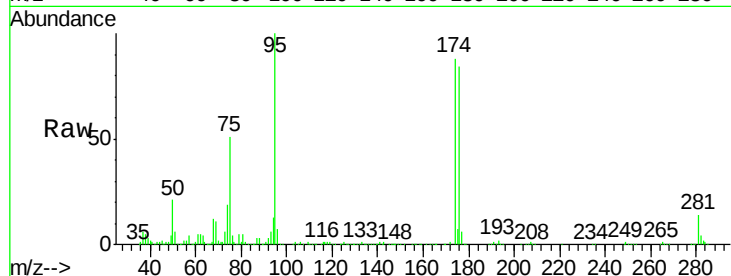
Tot Ion: 95 Resp: 193882

Ion Ratio Lower Upper

95 100

174 86.7 0.0 169.2

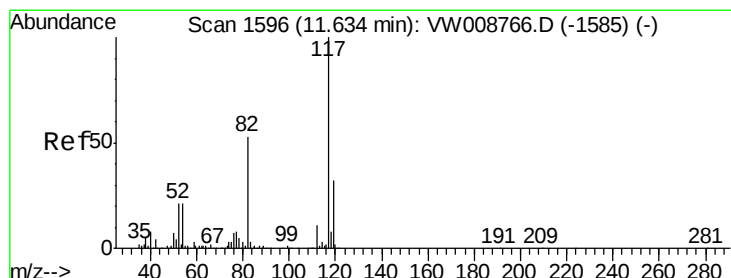
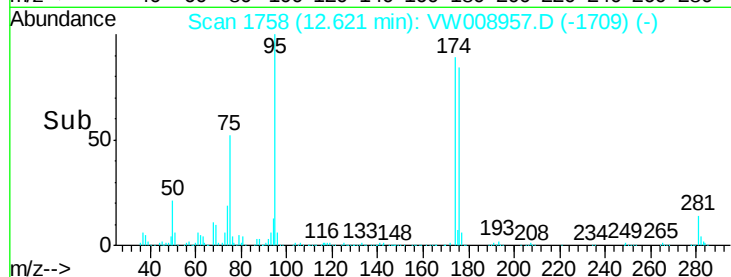
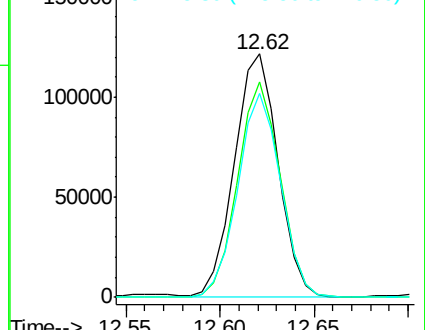
176 82.8 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

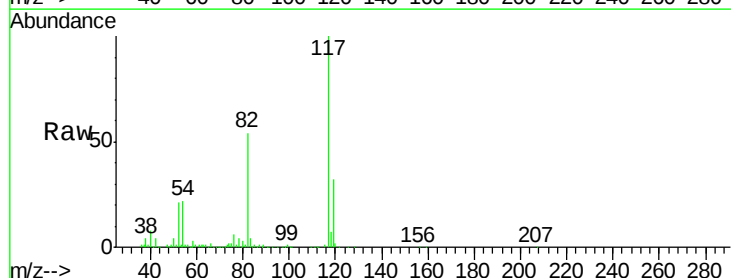
Tgt Ion: 117 Resp: 428818

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

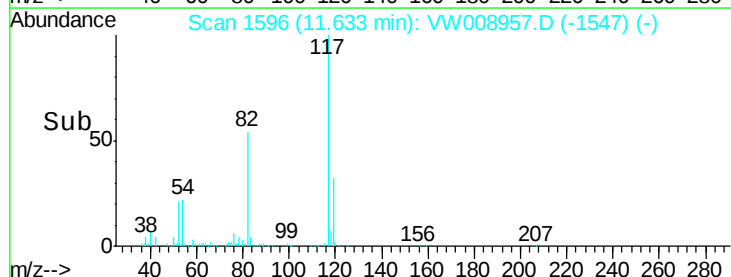
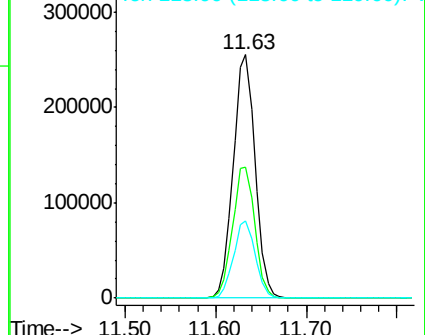
119 31.6 25.9 38.9

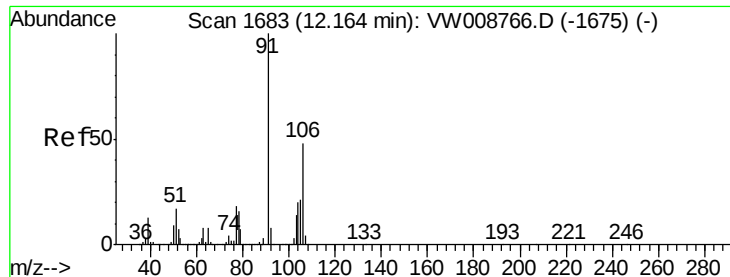


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

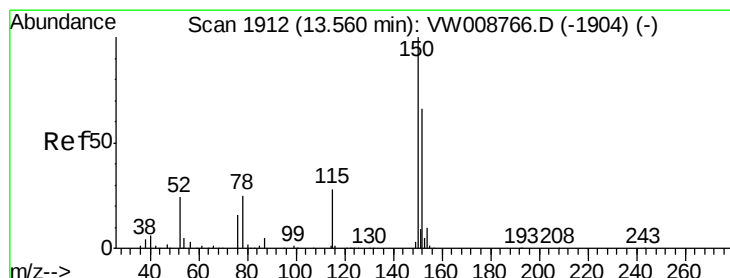
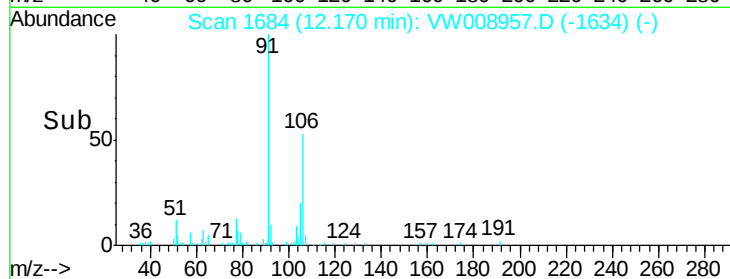
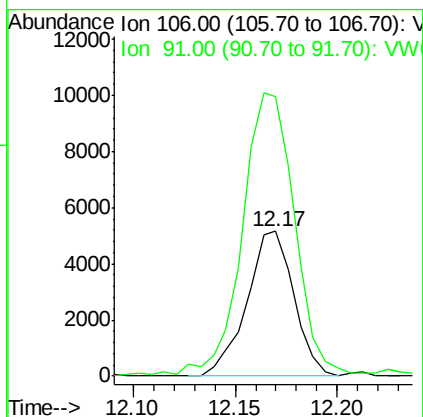
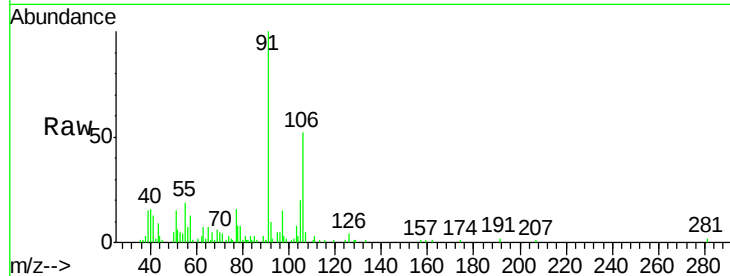




#69
o-Xylene
Concen: 1.370 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008957.D
Acq: 02 Mar 2019 08:40

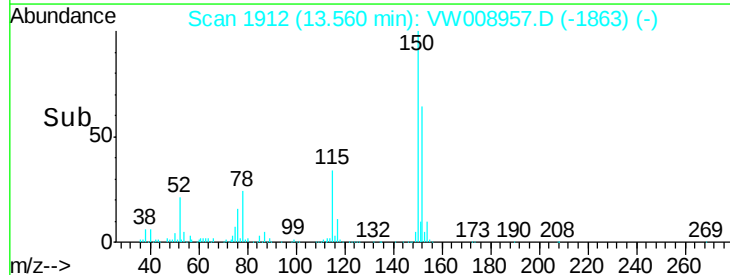
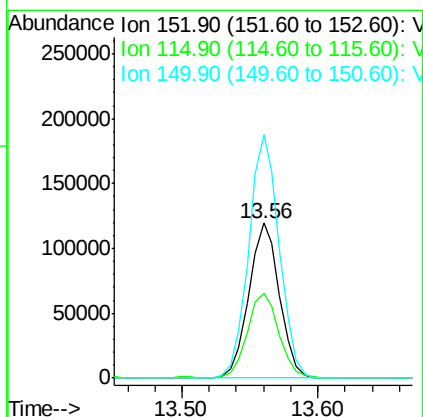
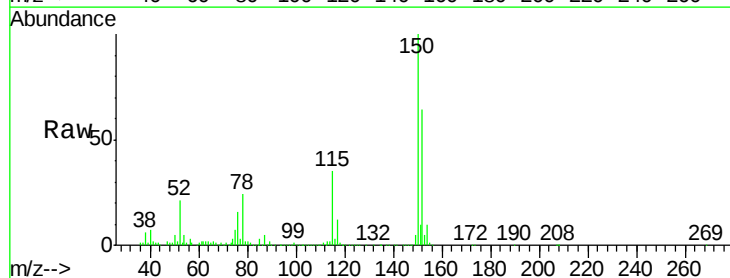
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-032-B

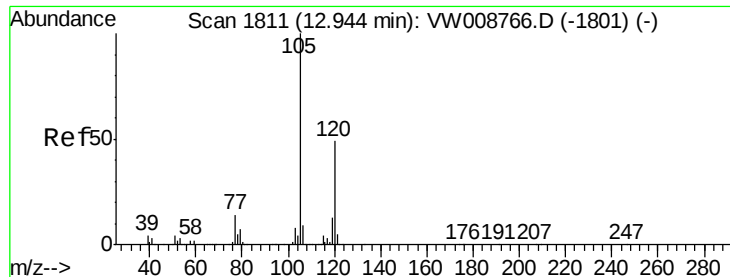
Tot Ion:106 Resp: 8283
Ion Ratio Lower Upper
106 100
91 218.2 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008957.D
Acq: 02 Mar 2019 08:40

Tgt Ion:152 Resp: 187678
Ion Ratio Lower Upper
152 100
115 56.8 28.6 85.8
150 156.0 0.0 348.0





#80

1,3,5-Trimethylbenzene

Concen: 3.191 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008957.D

Acq: 02 Mar 2019 08:40

Instrument :

MSVOA_W

ClientSampleId :

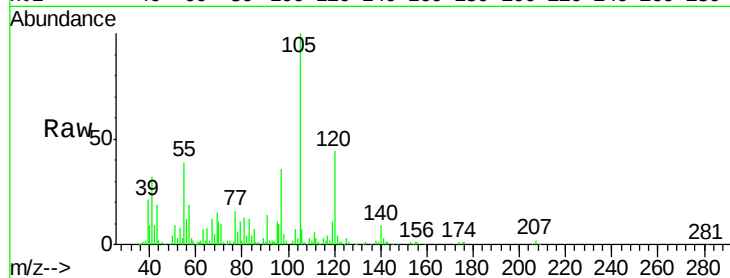
FK-GF-02-032-B

Tot Ion:105 Resp: 35679

Ion Ratio Lower Upper

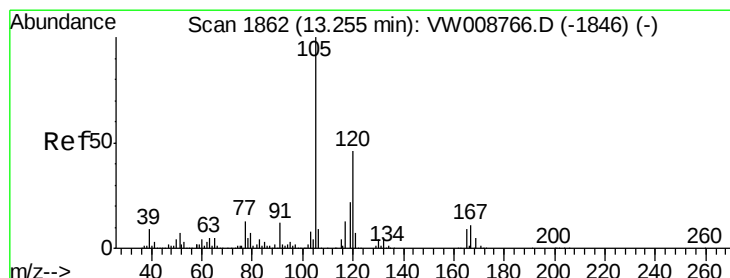
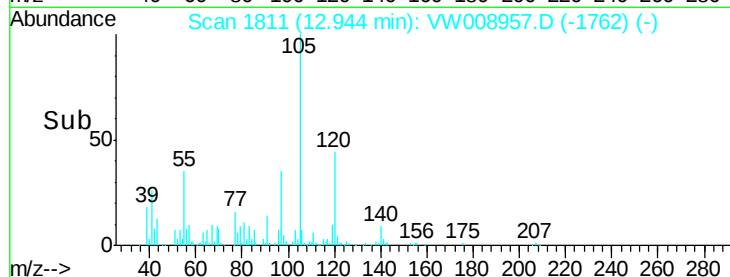
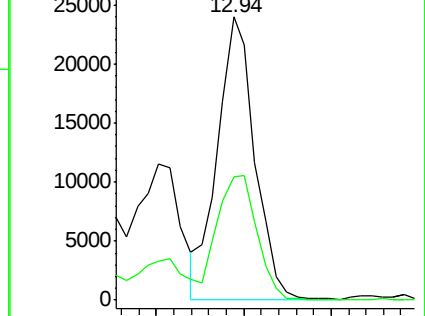
105 100

120 46.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.259 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008957.D

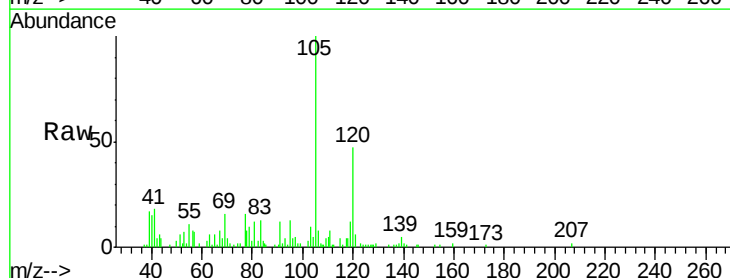
Acq: 02 Mar 2019 08:40

Tgt Ion:105 Resp: 14573

Ion Ratio Lower Upper

105 100

120 48.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

