

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008297.D
 Acq On : 15 Jan 2019 22:16
 Operator : SY/VA
 Sample : K1012-09
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-B

Quant Time: Jan 16 03:23:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

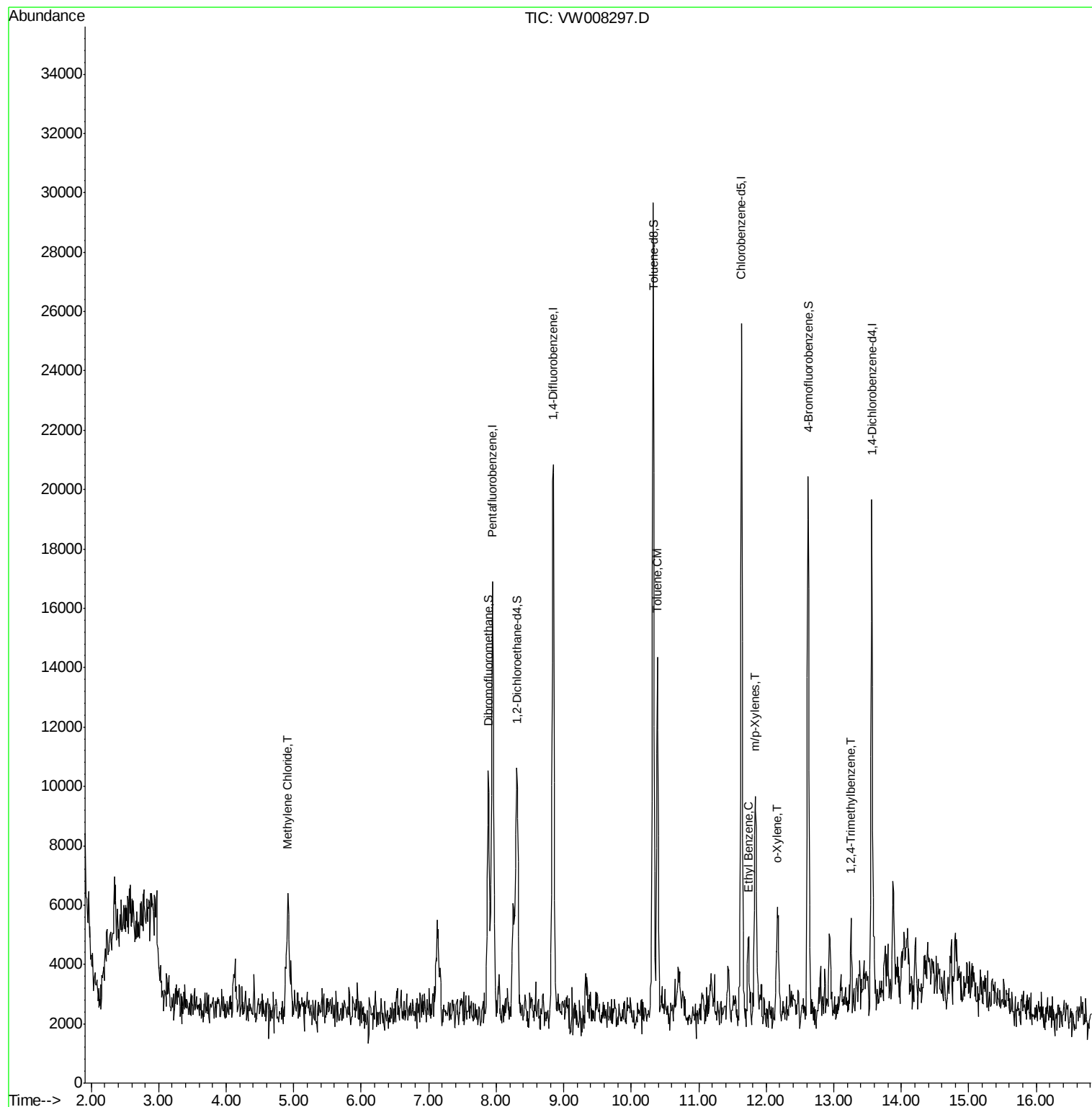
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	9693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	15344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	12888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	4390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6322	58.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.06%	
35) Dibromofluoromethane	7.88	113	5412	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
50) Toluene-d8	10.32	98	17737	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	12.62	95	4908	36.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.92%	
Target Compounds						
20) Methylene Chloride	4.92	84	2803	23.594	ug/l #	80
52) Toluene	10.39	92	5125	18.719	ug/l	95
67) Ethyl Benzene	11.73	91	1529	3.061	ug/l #	80
68) m/p-Xylenes	11.84	106	2021	10.598	ug/l	91
69) o-Xylene	12.16	106	1004	5.686	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	1274	4.361	ug/l	95

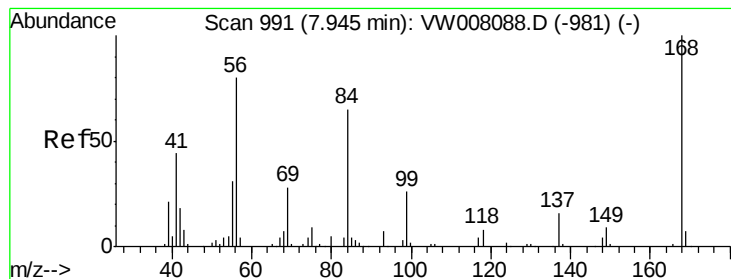
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008297.D
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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: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

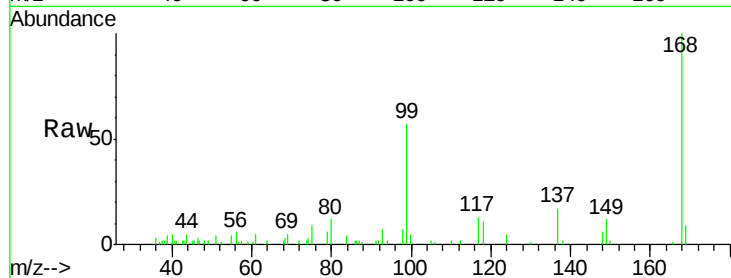
EO-01-011518-B

Tot Ion:168 Resp: 9693

Ion Ratio Lower Upper

168 100

99 57.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

4000

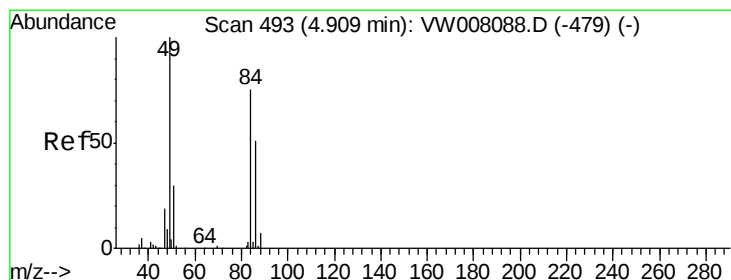
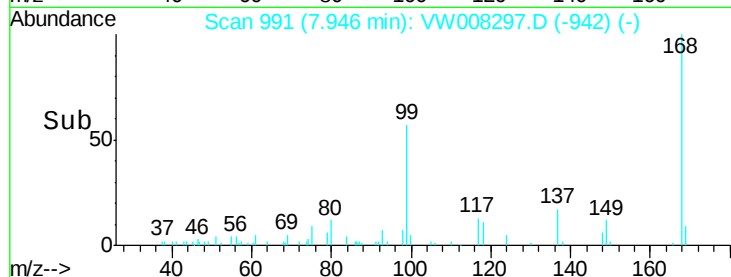
3000

2000

1000

0

Time-->



#20

Methylene Chloride

Concen: 23.594 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Tgt Ion: 84 Resp: 2803

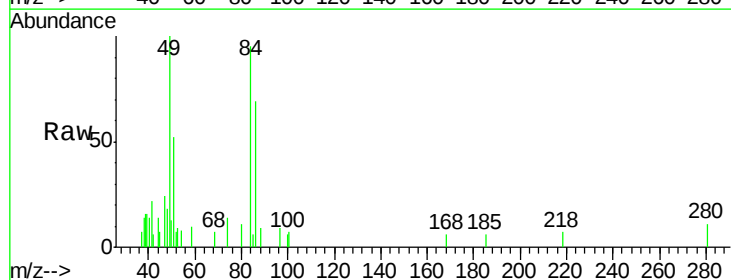
Ion Ratio Lower Upper

84 100

49 96.9 107.1 160.7#

51 47.7 32.4 48.6

86 66.7 54.2 81.4



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

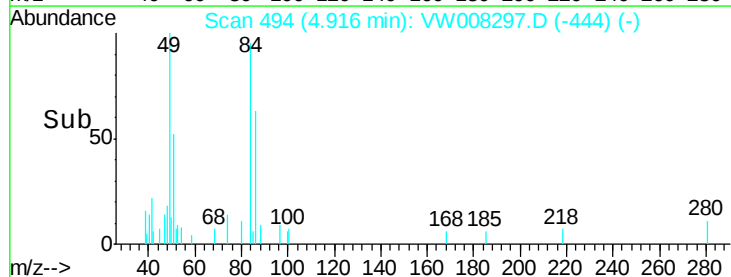
1500

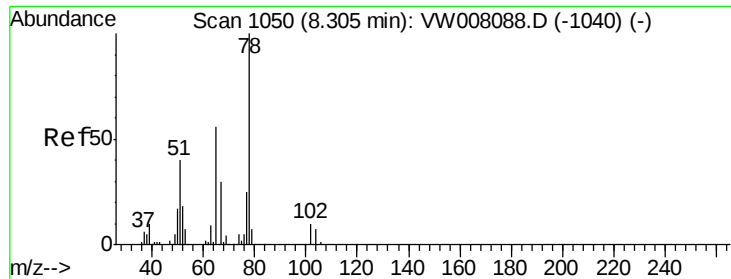
1000

500

0

Time-->

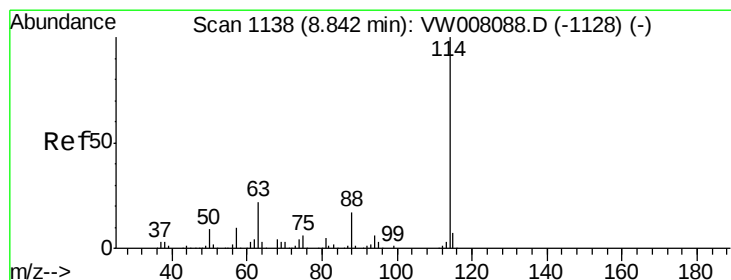
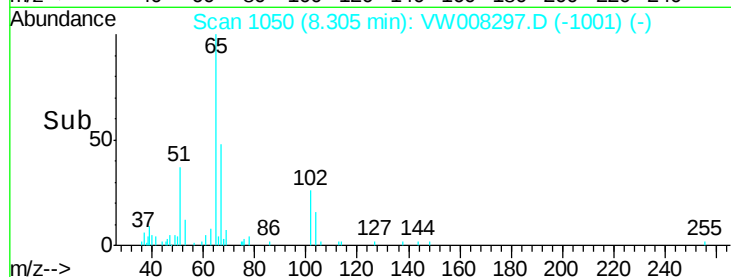
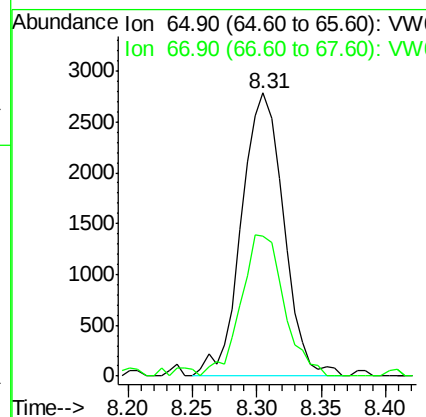
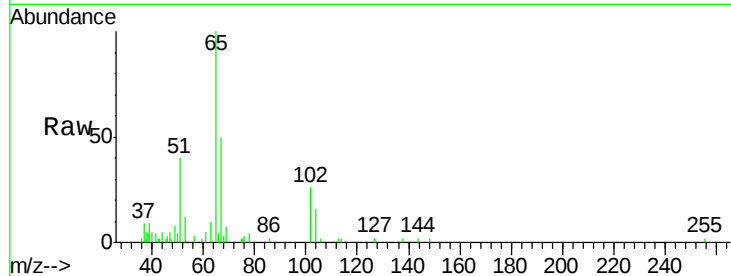




#33
 1,2-Dichloroethane-d4
 Concen: 58.031 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008297.D
 Acq: 15 Jan 2019 22:16

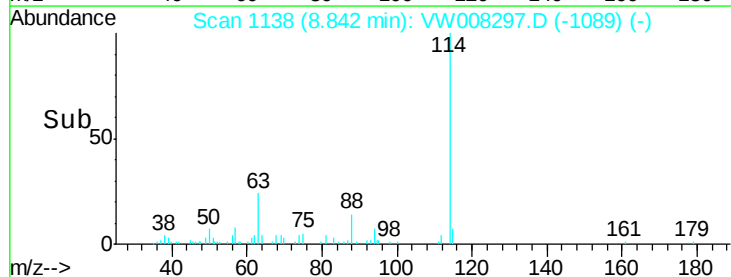
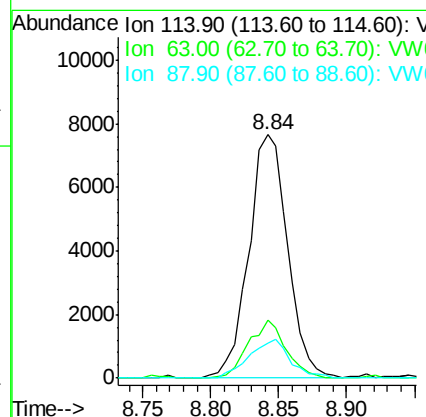
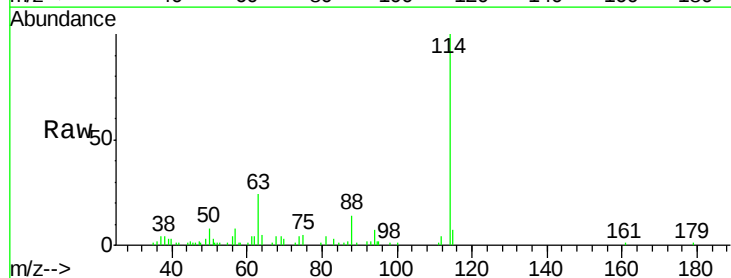
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-011518-B

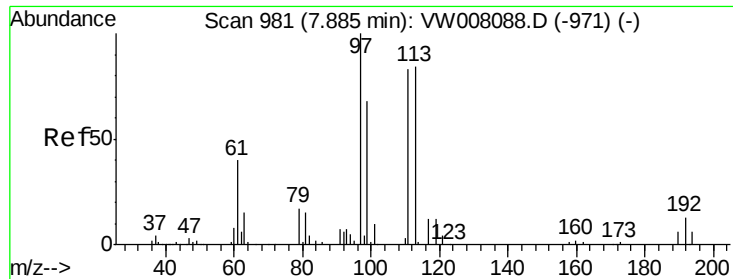
Tot Ion: 65 Resp: 6322
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008297.D
 Acq: 15 Jan 2019 22:16

Tgt Ion: 114 Resp: 15344
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.4
 88 14.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 60.475 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

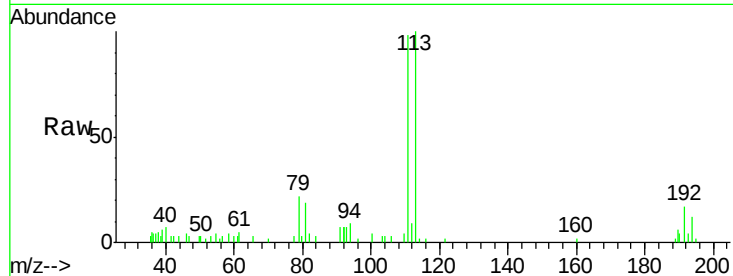
Tot Ion:113 Resp: 5412

Ion Ratio Lower Upper

113 100

111 100.5 81.8 122.8

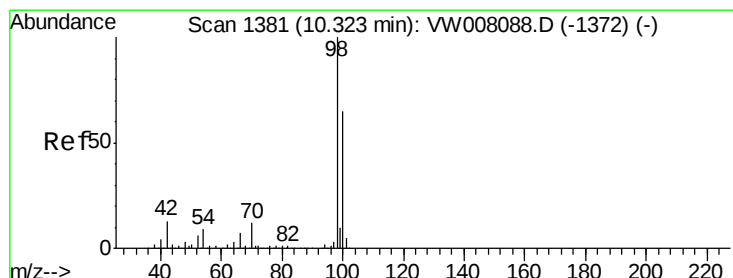
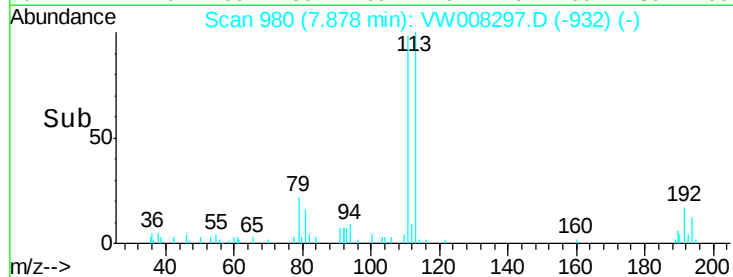
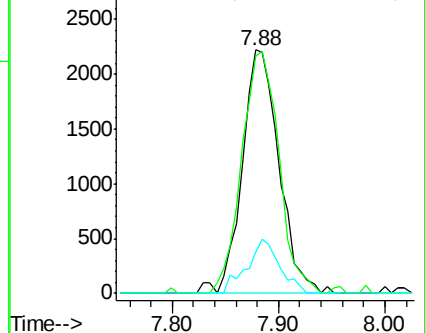
192 19.7 12.8 19.2#



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: 47.230 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008297.D

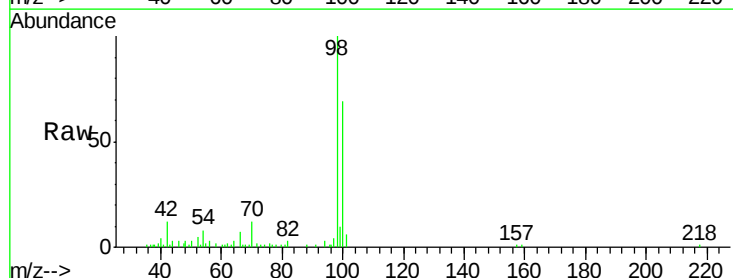
Acq: 15 Jan 2019 22:16

Tgt Ion: 98 Resp: 17737

Ion Ratio Lower Upper

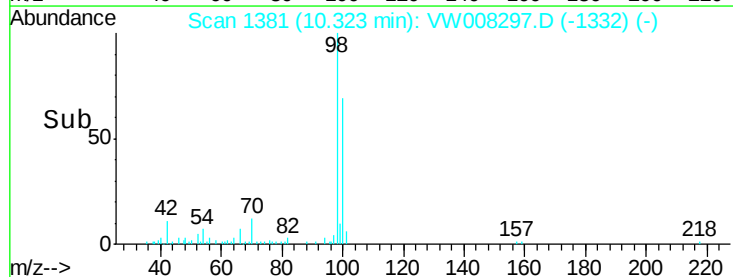
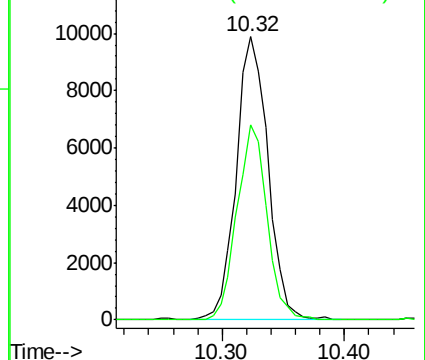
98 100

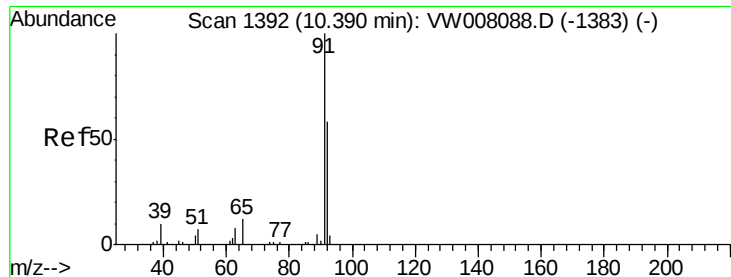
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 18.719 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

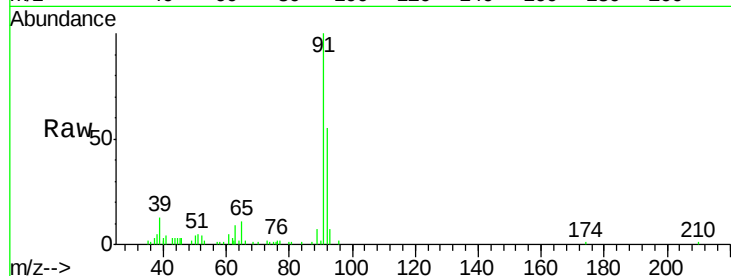
EO-01-011518-B

Tot Ion: 92 Resp: 5125

Ion Ratio Lower Upper

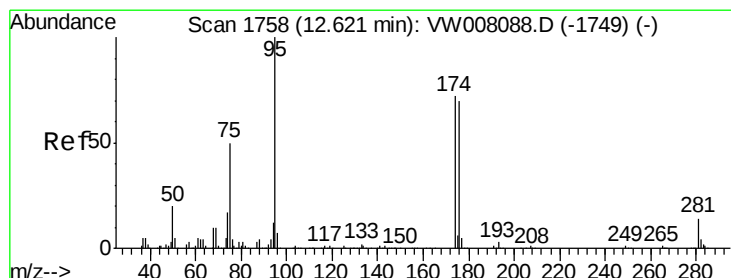
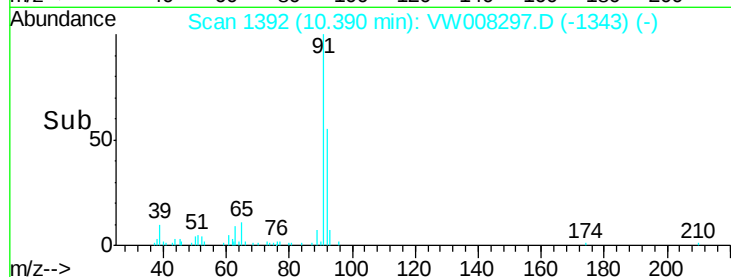
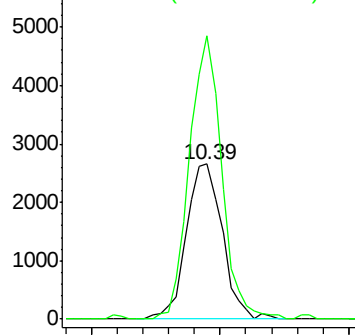
92 100

91 164.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 36.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

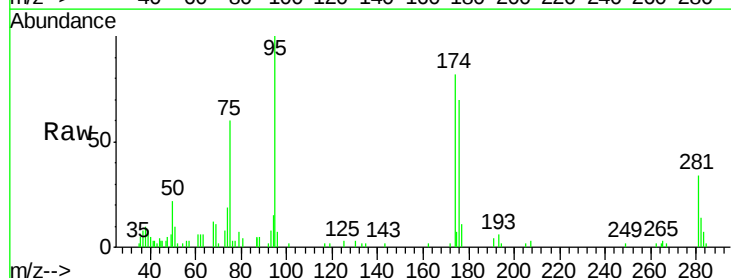
Tgt Ion: 95 Resp: 4908

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.0

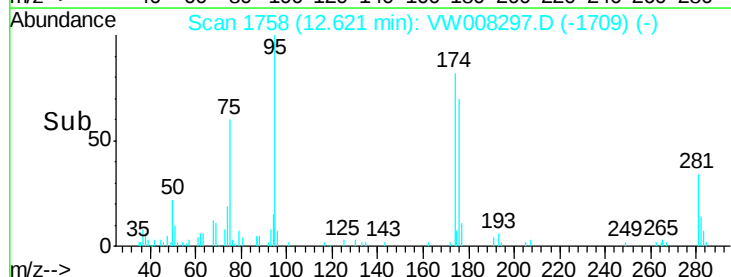
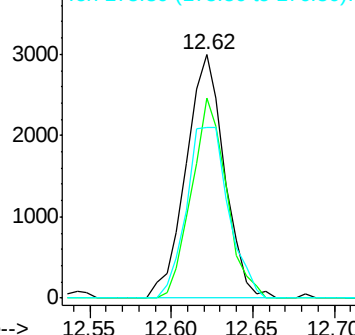
176 76.9 0.0 140.2

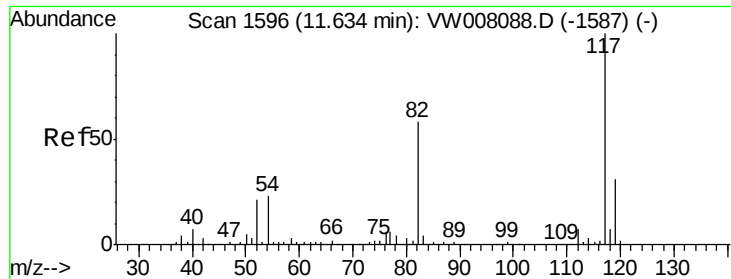


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

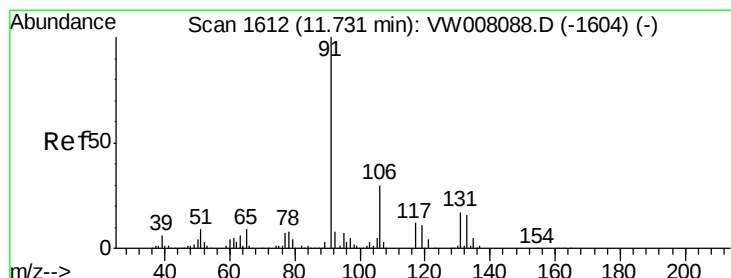
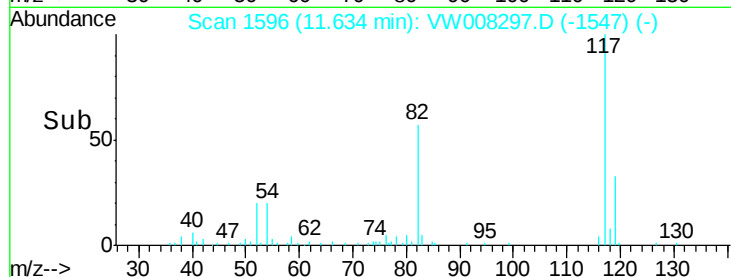
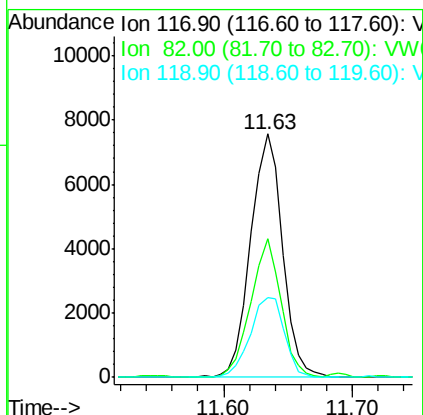
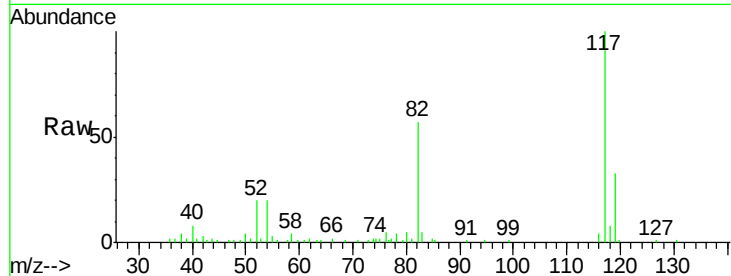




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

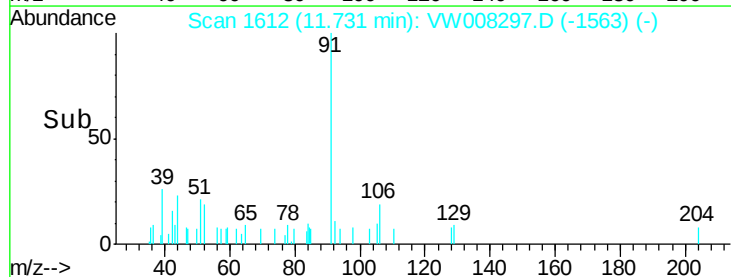
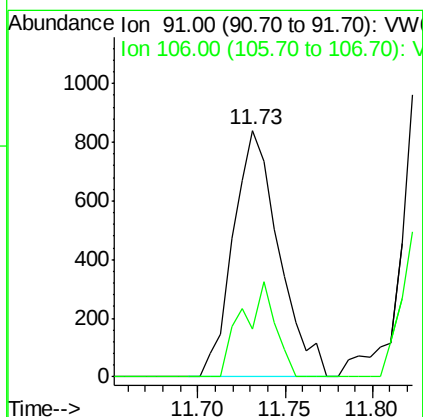
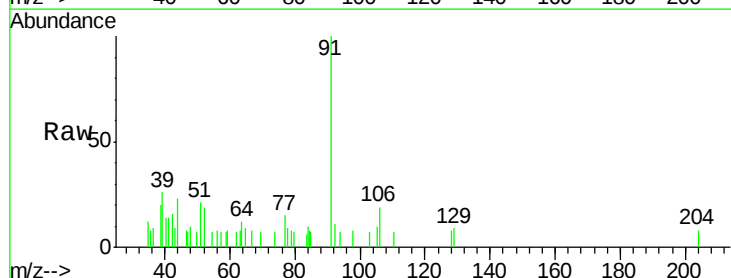
Instrument :
MSVOA_W
ClientSampleId :
EO-01-011518-B

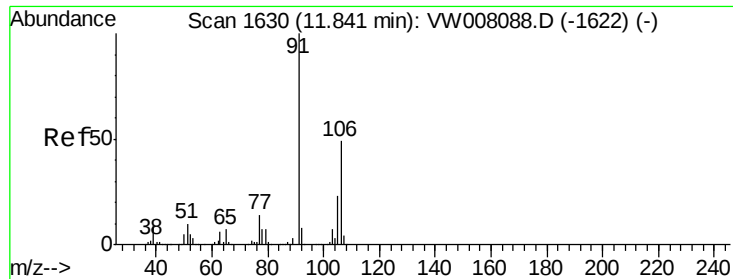
Tot Ion:117 Resp: 12888
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.9 24.7 37.1



#67
Ethyl Benzene
Concen: 3.061 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion: 91 Resp: 1529
Ion Ratio Lower Upper
91 100
106 19.4 24.2 36.4#

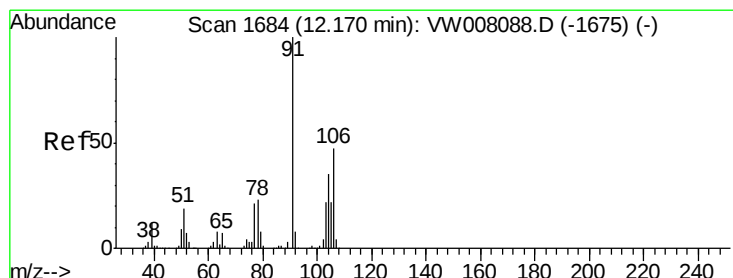
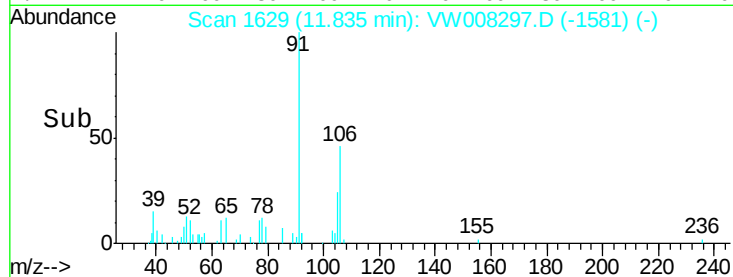
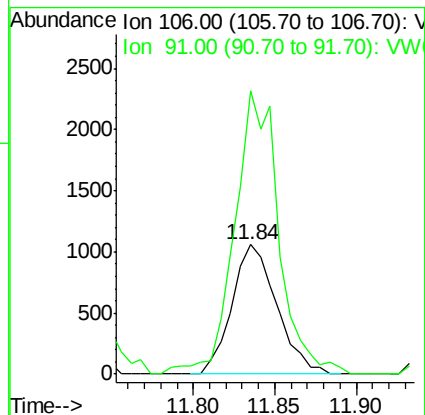
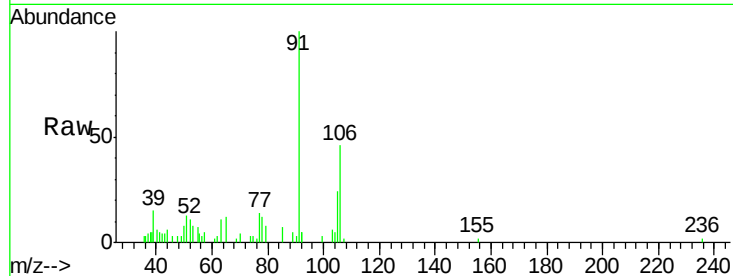




#68
m/p-Xylenes
Concen: 10.598 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

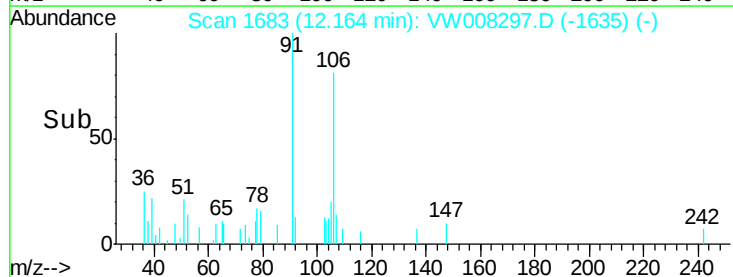
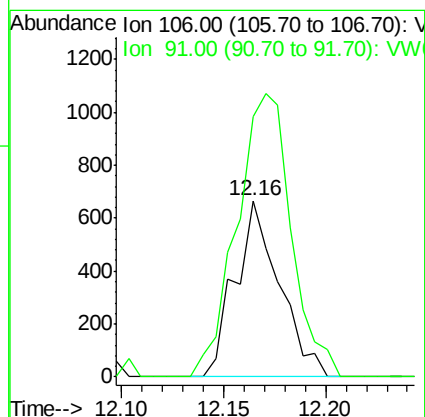
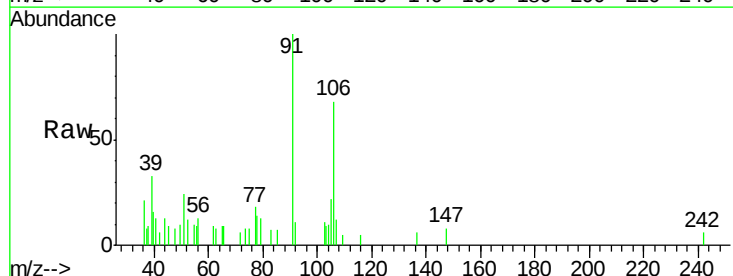
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MSVOA_W
ClientSampled :
EO-01-011518-B

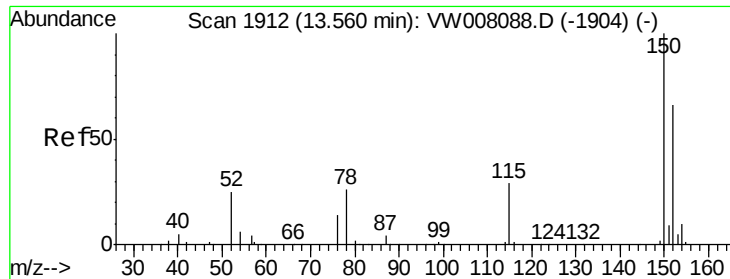
Tot Ion:106 Resp: 2021
Ion Ratio Lower Upper
106 100
91 217.1 162.4 243.6



#69
o-Xylene
Concen: 5.686 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008297.D
Acq: 15 Jan 2019 22:16

Tgt Ion:106 Resp: 1004
Ion Ratio Lower Upper
106 100
91 198.3 107.8 323.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008297.D

Acq: 15 Jan 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

EO-01-011518-B

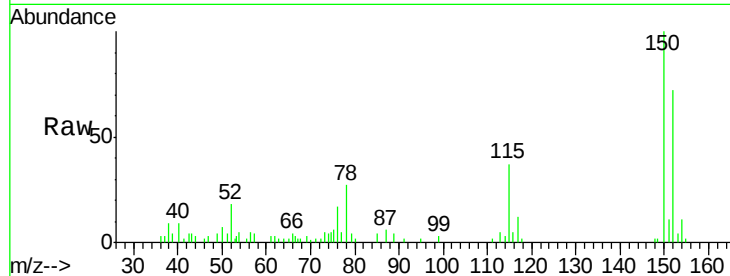
Tot Ion:152 Resp: 4390

Ion Ratio Lower Upper

152 100

115 58.4 30.8 92.4

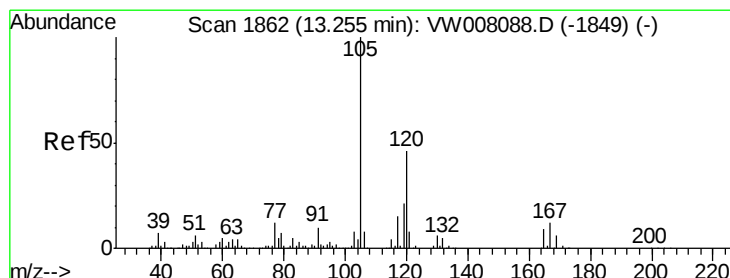
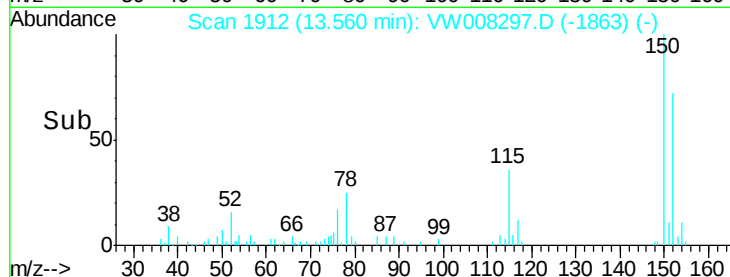
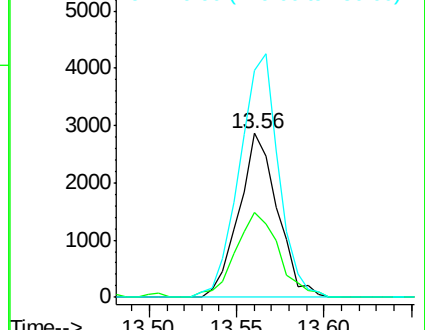
150 149.8 0.0 350.2



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



#84

1,2,4-Trimethylbenzene

Concen: 4.361 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008297.D

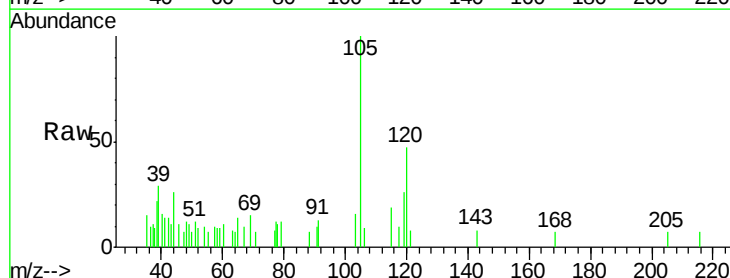
Acq: 15 Jan 2019 22:16

Tgt Ion:105 Resp: 1274

Ion Ratio Lower Upper

105 100

120 41.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

