

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060947.D
 Acq On : 14 Apr 2020 20:23
 Operator : JC/MD
 Sample : L2197-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIE-WASH-PIT

Quant Time: Apr 15 09:36:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

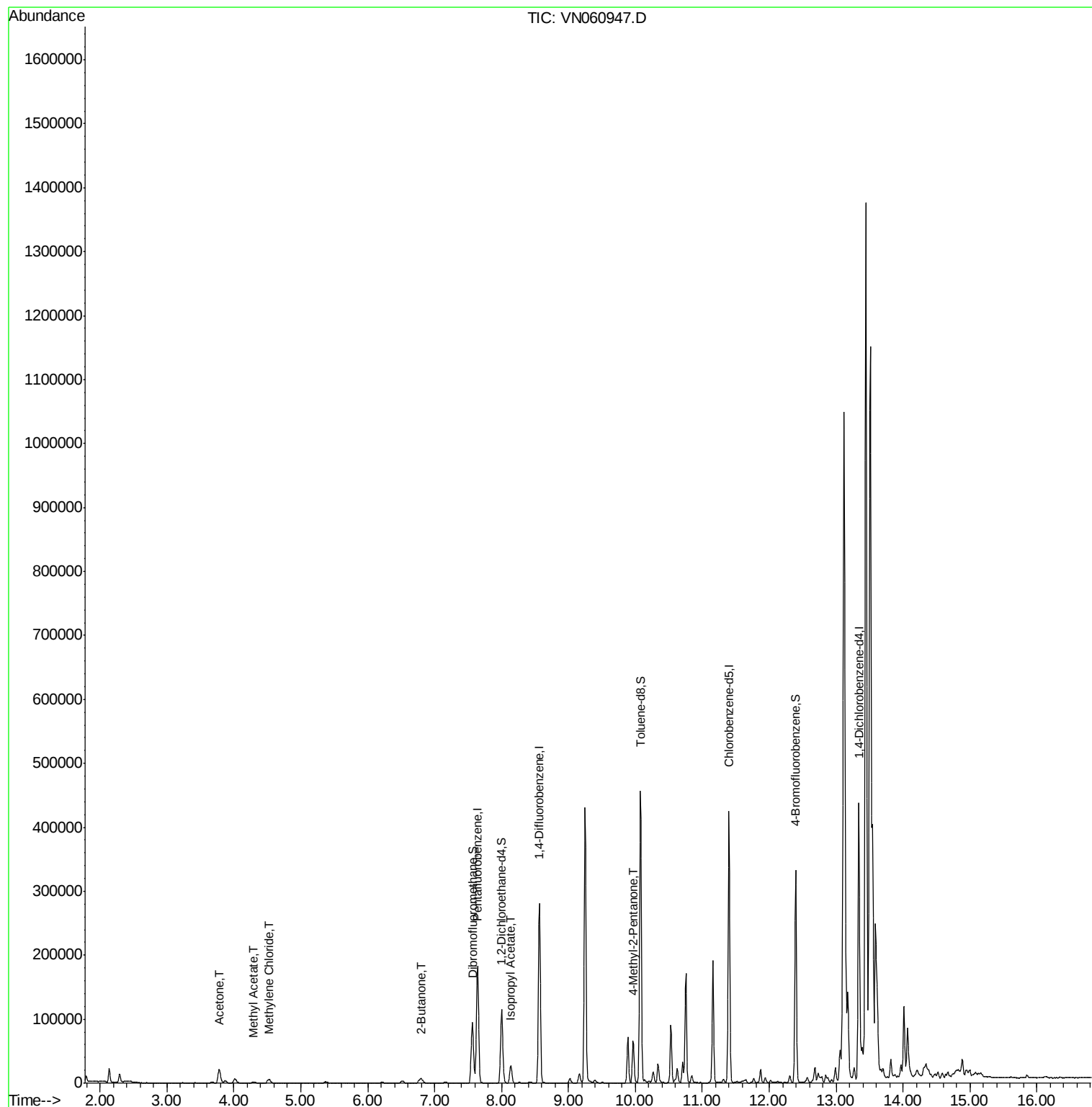
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	147486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	250146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96954	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
35) Dibromofluoromethane	7.56	113	72936	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	10.08	98	312210	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	118665	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
Target Compounds						
16) Acetone	3.78	43	37704	52.573	ug/l	98
18) Methyl Acetate	4.29	43	2526	1.251	ug/l #	71
20) Methylene Chloride	4.52	84	4885	2.769	ug/l	95
25) 2-Butanone	6.80	43	12806	11.035	ug/l	98
43) Isopropyl Acetate	8.14	43	34139	7.909	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	49173	20.020	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

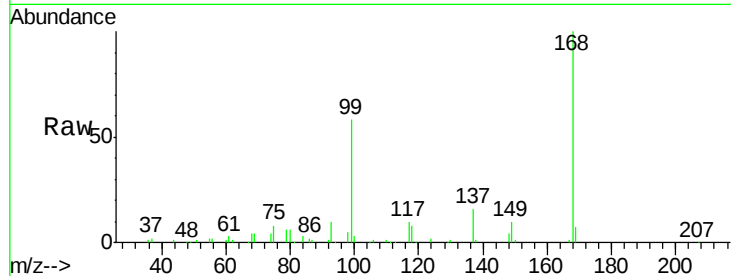
CHASSIE-WASH-PIT

Tot Ion:168 Resp: 147486

Ion Ratio Lower Upper

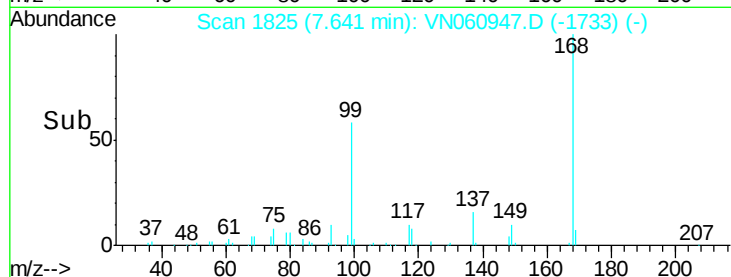
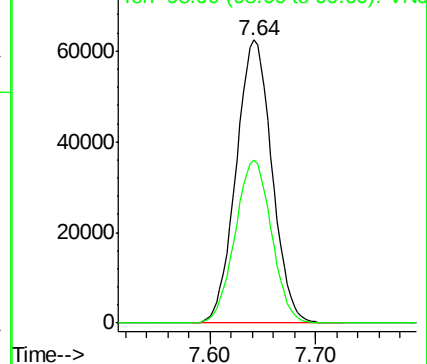
168 100

99 57.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 52.573 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060947.D

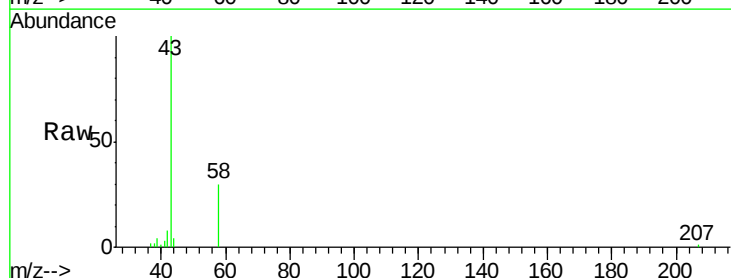
Acq: 14 Apr 2020 20:23

Tgt Ion: 43 Resp: 37704

Ion Ratio Lower Upper

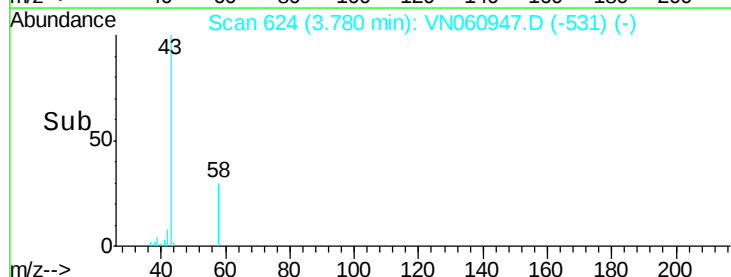
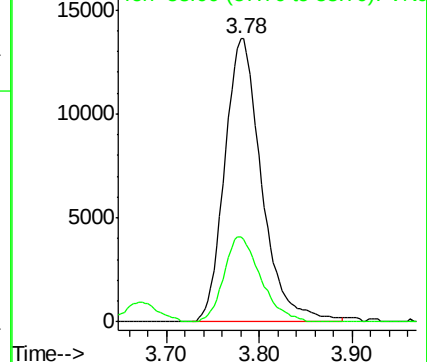
43 100

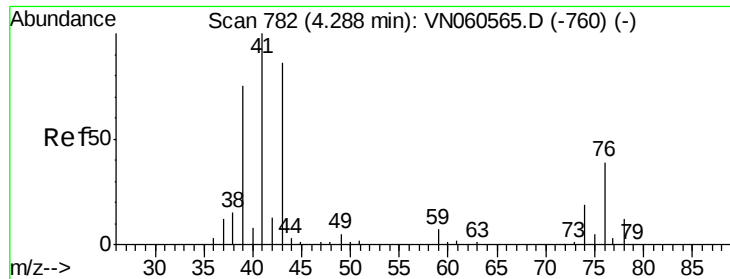
58 30.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

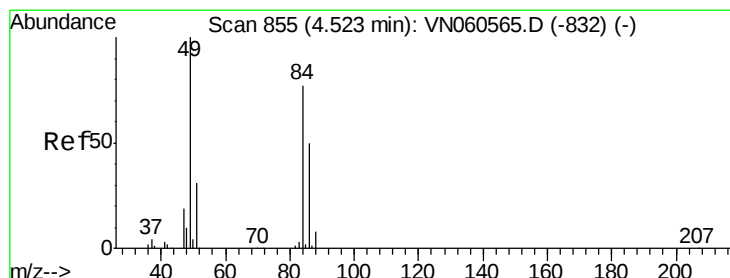
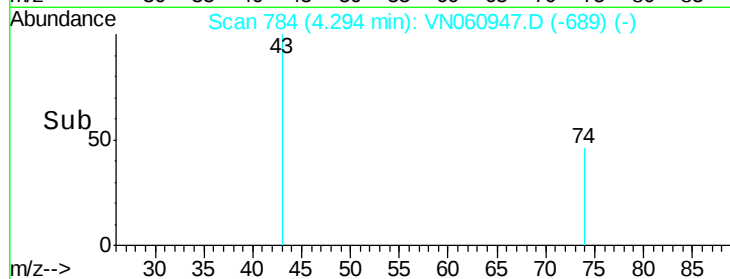
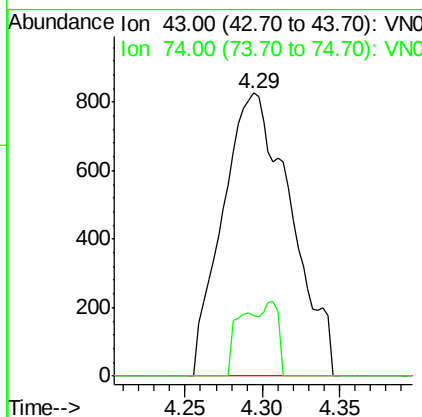
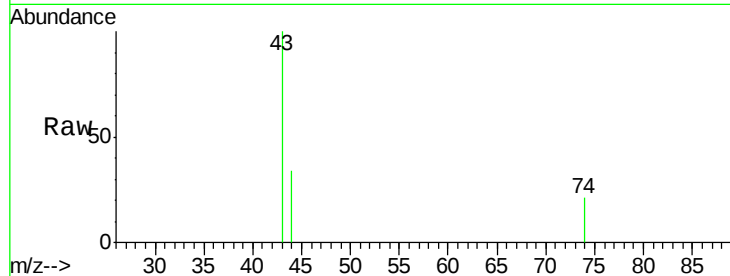




#18
Methyl Acetate
Concen: 1.251 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN060947.D
Acq: 14 Apr 2020 20:23

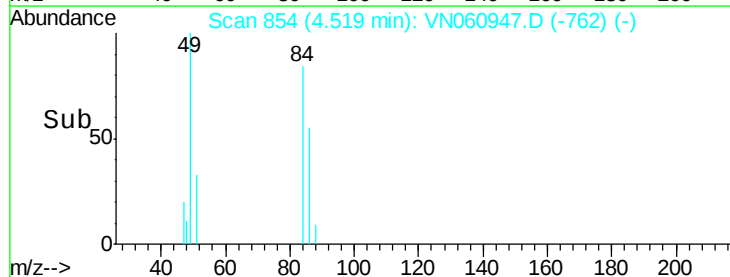
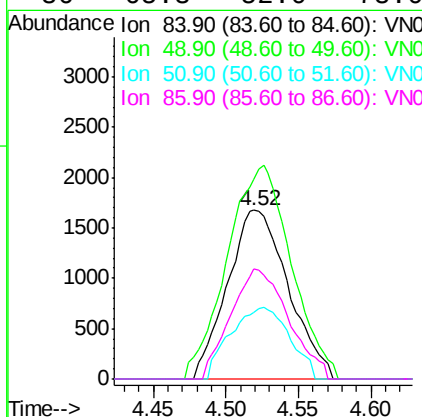
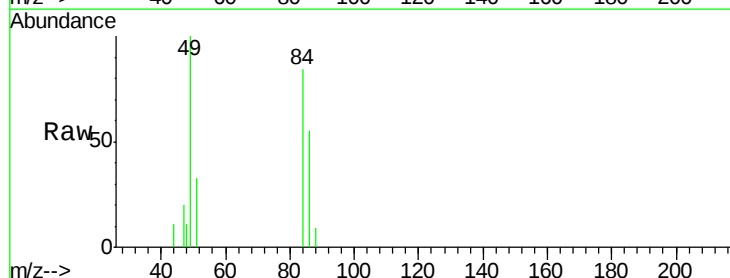
Instrument :
MSVOA_N
ClientSampleId :
CHASSIE-WASH-PIT

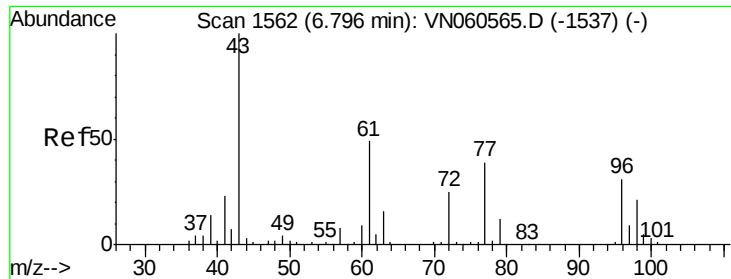
Tot Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
74 8.0 17.5 26.3#



#20
Methylene Chloride
Concen: 2.769 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060947.D
Acq: 14 Apr 2020 20:23

Tgt Ion: 84 Resp: 4885
Ion Ratio Lower Upper
84 100
49 118.5 103.3 154.9
51 39.5 31.6 47.4
86 65.3 52.0 78.0





#25

2-Butanone

Concen: 11.035 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

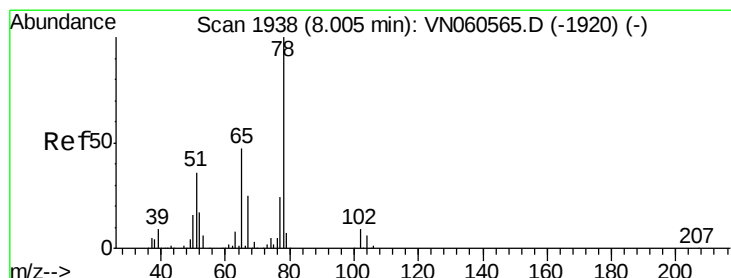
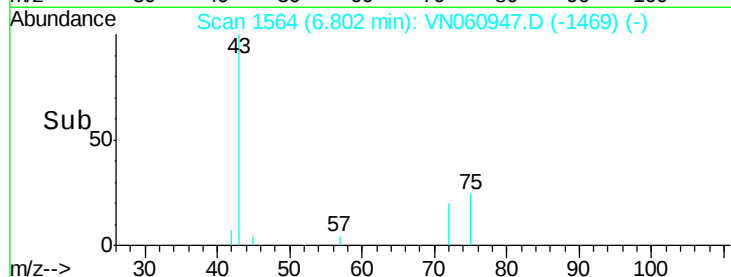
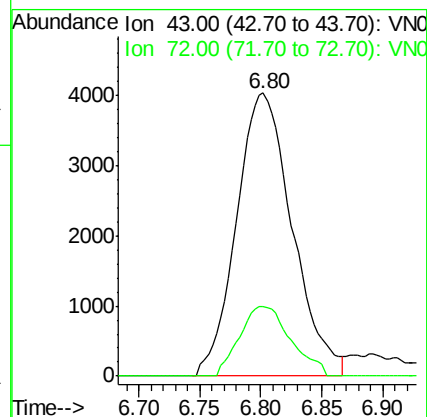
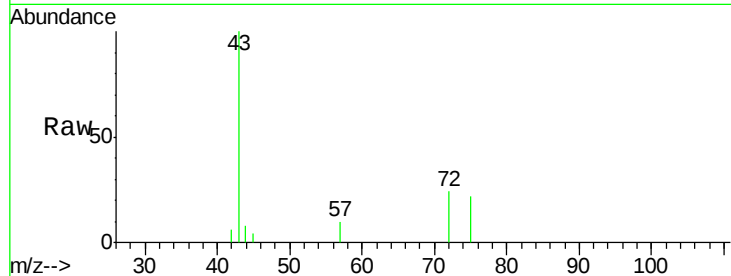
CHASSIE-WASH-PIT

Tot Ion: 43 Resp: 12806

Ion Ratio Lower Upper

43 100

72 24.4 20.4 30.6



#33

1,2-Dichloroethane-d4

Concen: 47.887 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060947.D

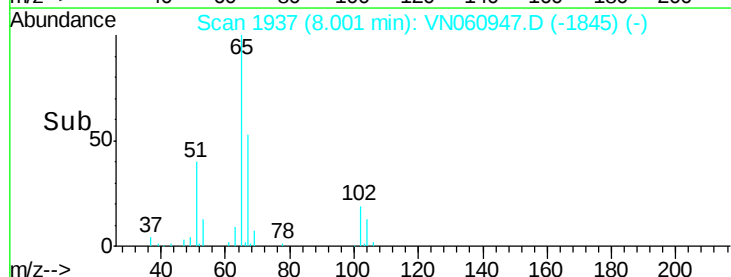
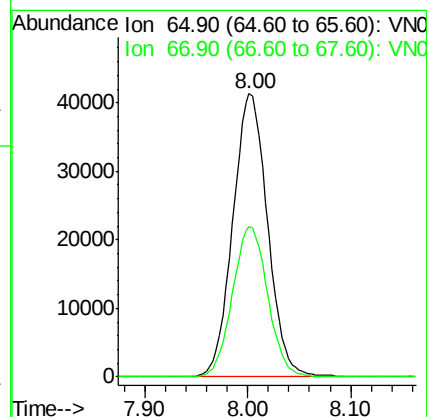
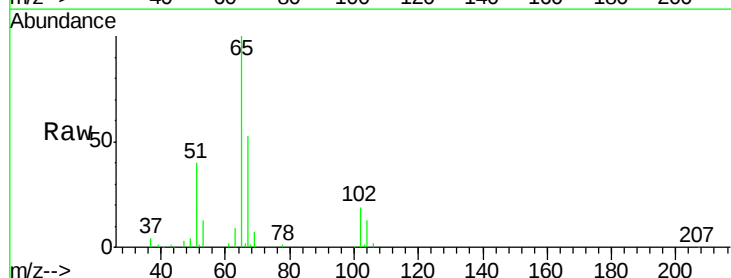
Acq: 14 Apr 2020 20:23

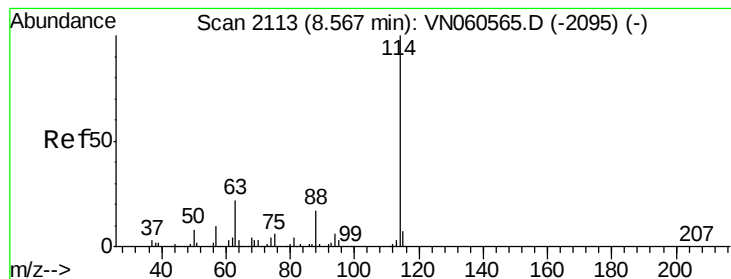
Tgt Ion: 65 Resp: 96954

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

CHASSIE-WASH-PIT

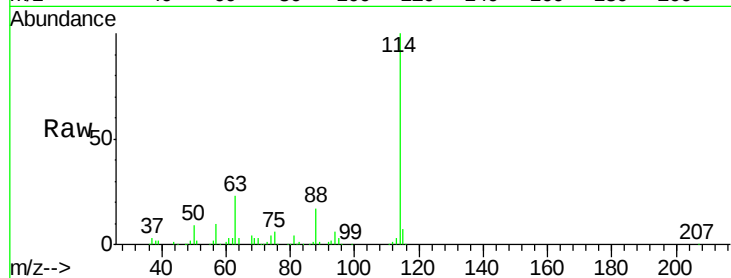
Tot Ion:114 Resp: 250146

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

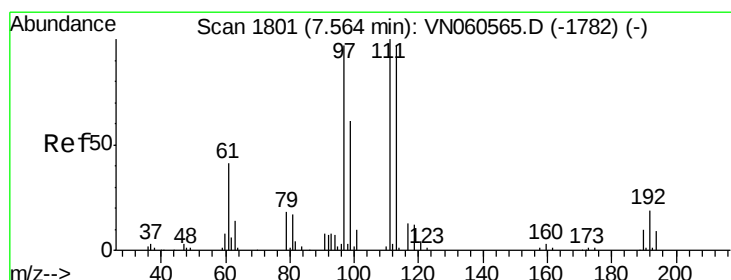
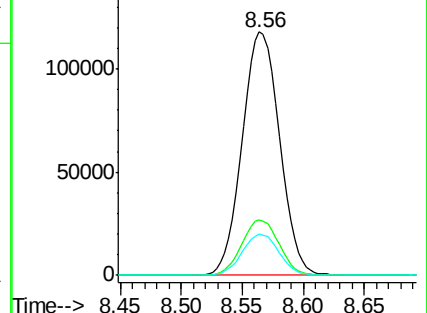
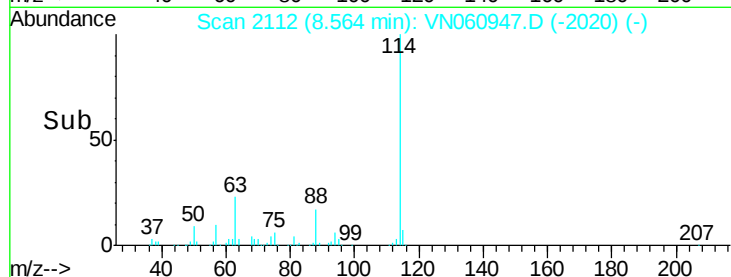
88 16.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.220 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

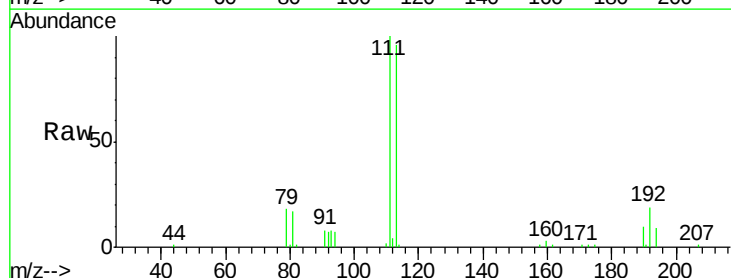
Tgt Ion:113 Resp: 72936

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

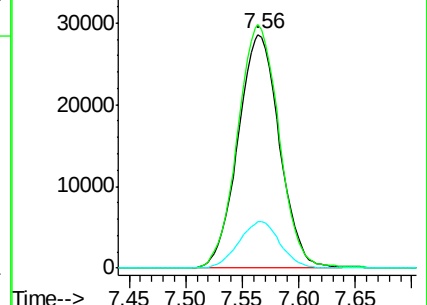
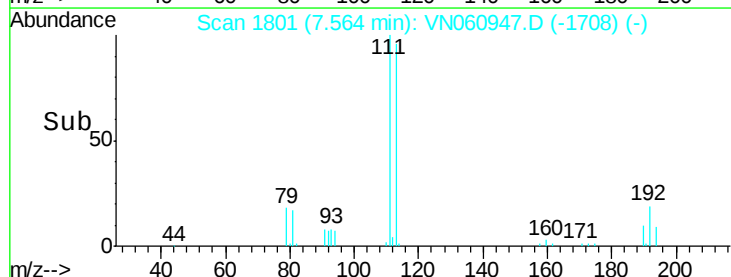
192 19.8 15.8 23.8

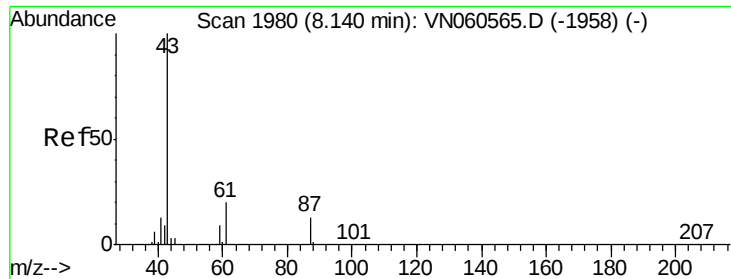


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.909 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

CHASSIE-WASH-PIT

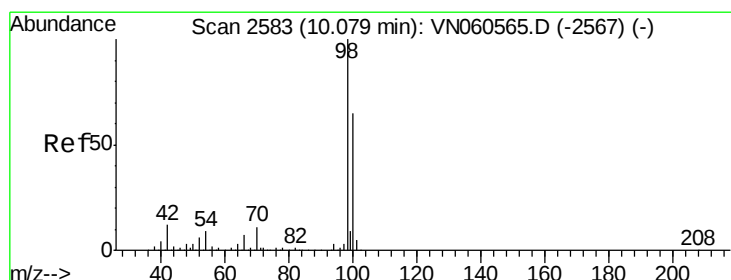
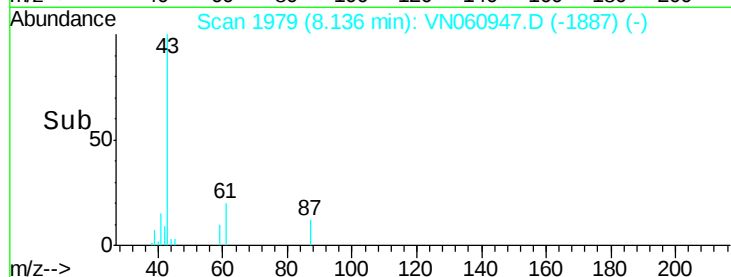
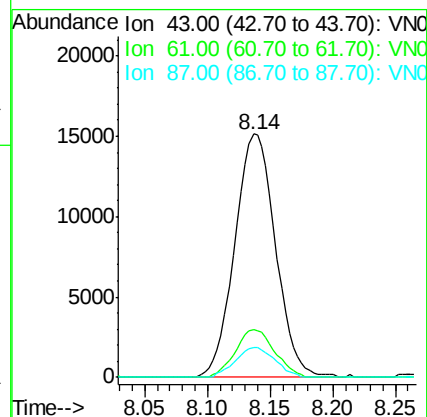
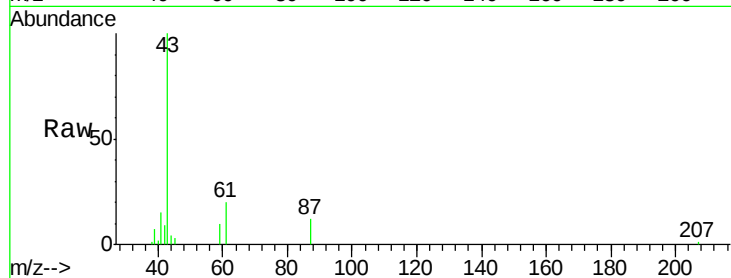
Tot Ion: 43 Resp: 34139

Ion Ratio Lower Upper

43 100

61 19.0 20.7 31.1#

87 11.8 9.8 14.8



#50

Toluene-d8

Concen: 50.534 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060947.D

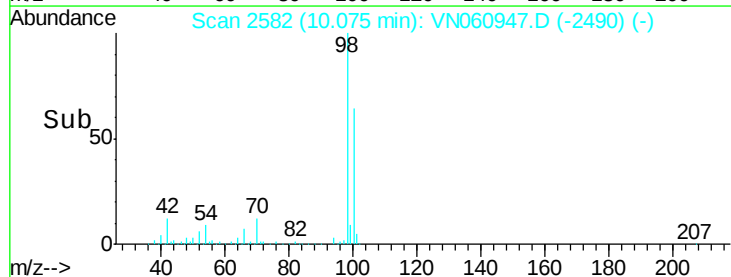
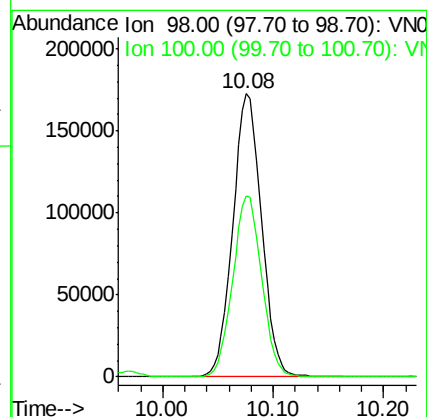
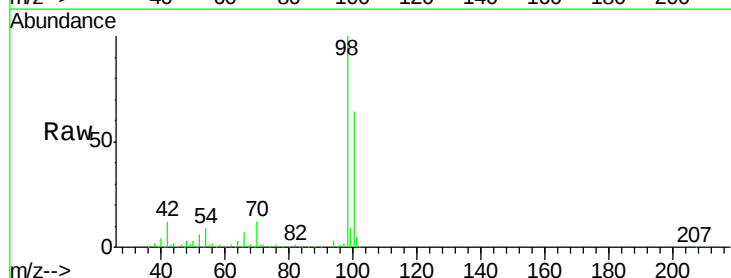
Acq: 14 Apr 2020 20:23

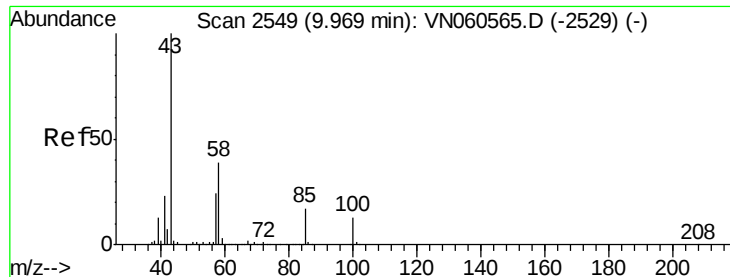
Tgt Ion: 98 Resp: 312210

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 20.020 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_N

ClientSampleId :

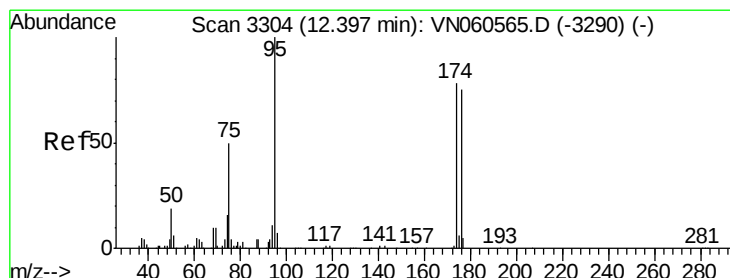
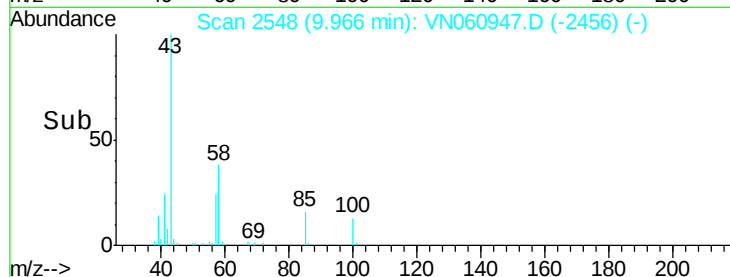
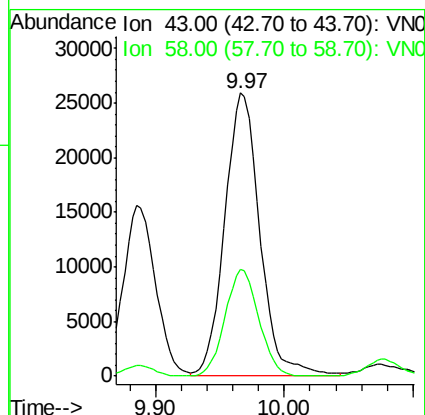
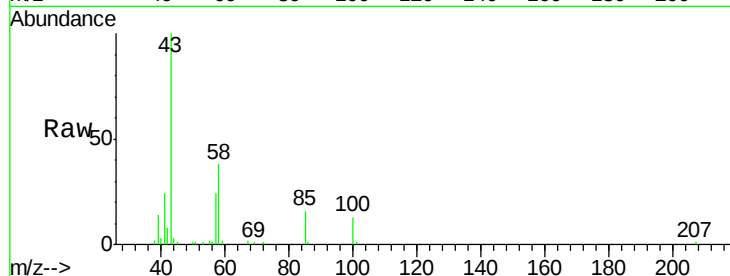
CHASSIE-WASH-PIT

Tot Ion: 43 Resp: 49173

Ion Ratio Lower Upper

43 100

58 35.8 30.8 46.2



#62

4-Bromofluorobenzene

Concen: 52.409 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060947.D

Acq: 14 Apr 2020 20:23

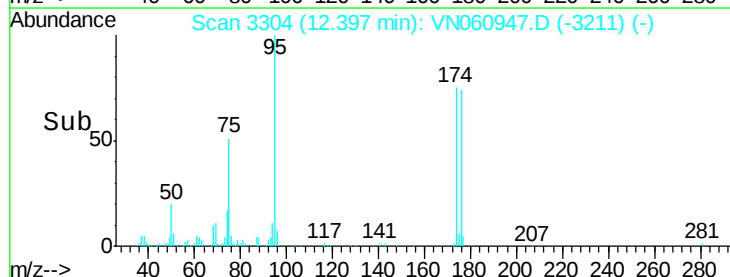
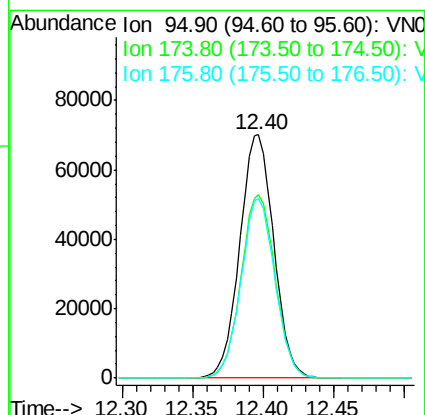
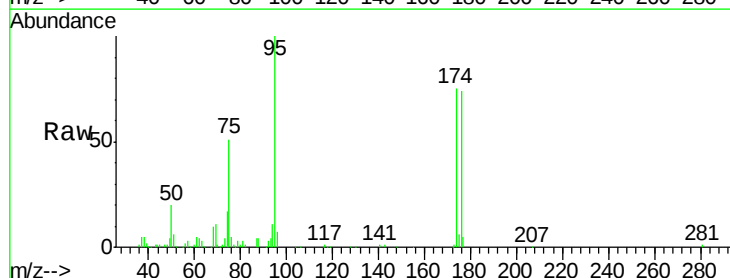
Tgt Ion: 95 Resp: 118665

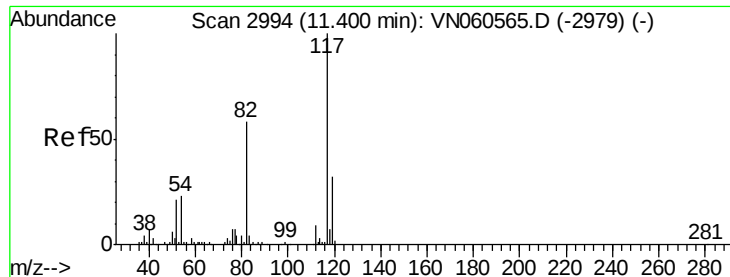
Ion Ratio Lower Upper

95 100

174 75.8 0.0 157.6

176 73.4 0.0 150.6

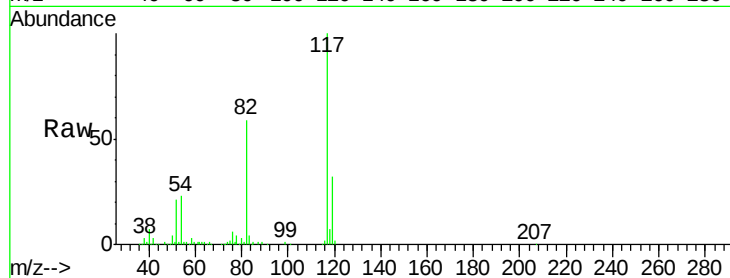




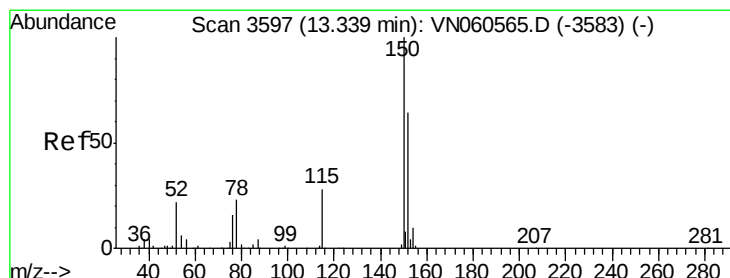
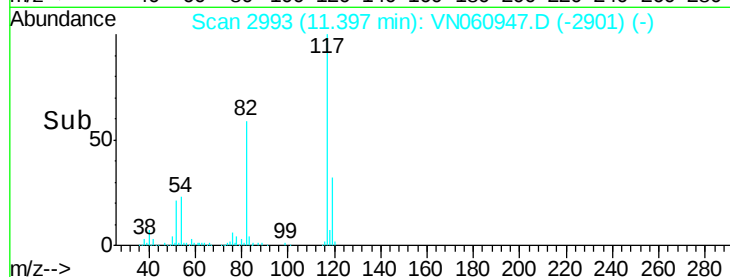
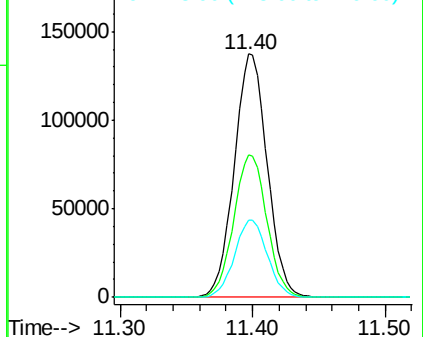
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060947.D
Acq: 14 Apr 2020 20:23

Instrument :
MSVOA_N
ClientSampleId :
CHASSIE-WASH-PIT

Tot Ion:117 Resp: 236789
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 31.7 25.5 38.3

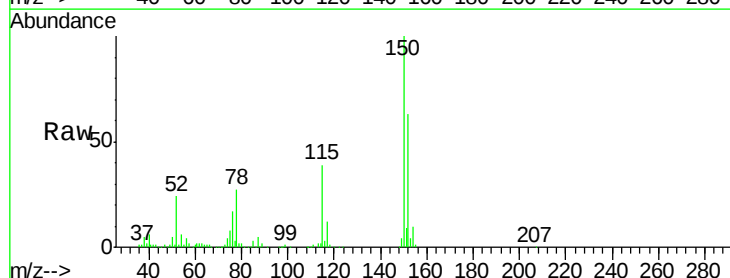


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060947.D
Acq: 14 Apr 2020 20:23

Tgt Ion:152 Resp: 110857
Ion Ratio Lower Upper
152 100
115 60.9 30.2 90.6
150 157.2 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

