

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058361.D
 Acq On : 25 Sep 2019 12:58
 Operator : JC/SP
 Sample : K4668-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-092319

Quant Time: Sep 26 03:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

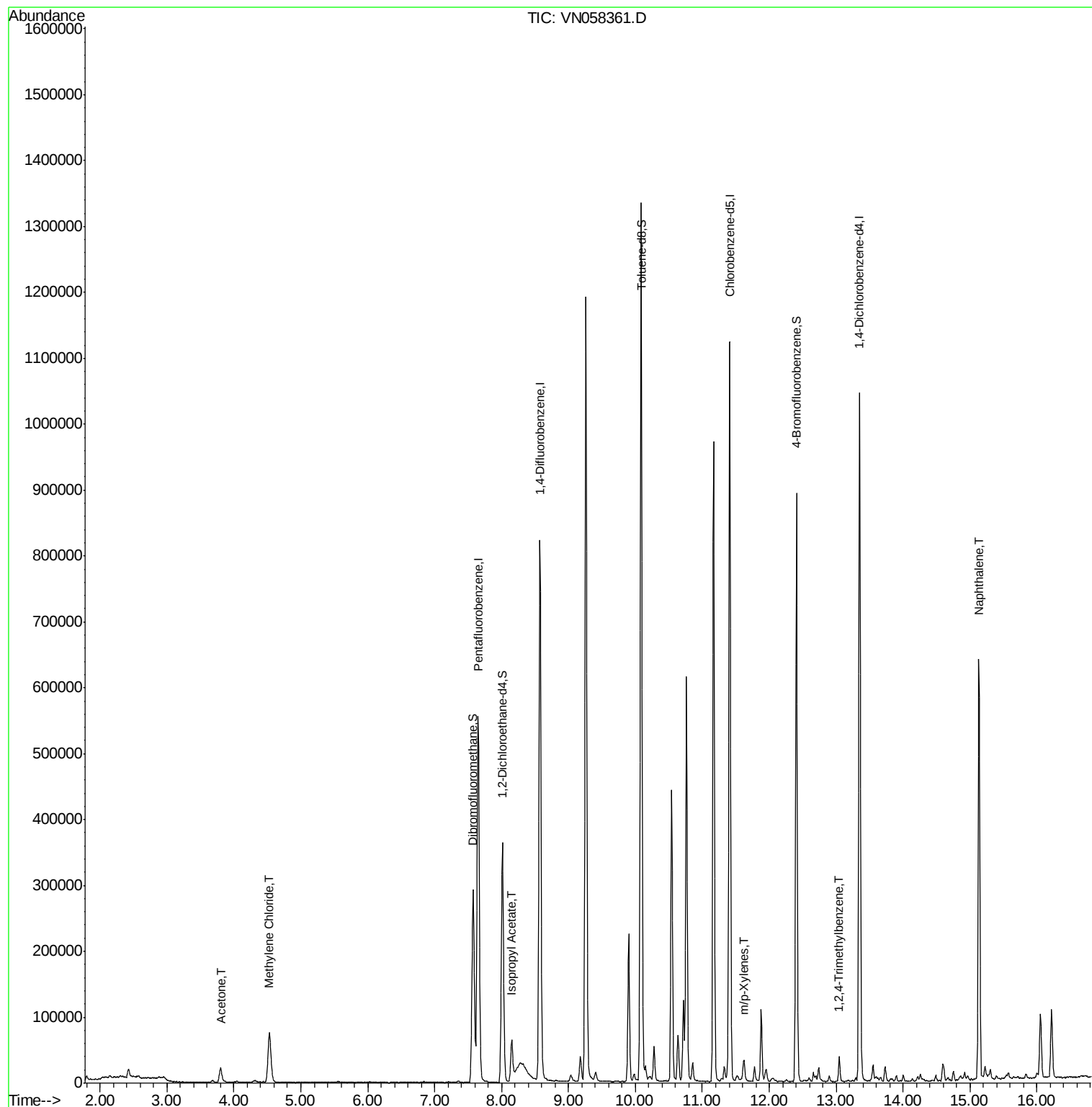
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	705081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314486	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.58	113	220404	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.08	98	902069	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.41	95	297570	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
Target Compounds						
16) Acetone	3.80	43	38320	18.588	ug/l	98
20) Methylene Chloride	4.53	84	55430	15.203	ug/l	97
43) Isopropyl Acetate	8.15	43	84501	8.574	ug/l #	90
68) m/p-Xylenes	11.62	106	9218	1.328	ug/l	90
84) 1,2,4-Trimethylbenzene	13.05	105	21126	1.520	ug/l	100
95) Naphthalene	15.14	128	499124	39.607	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058361.D

Acq: 25 Sep 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

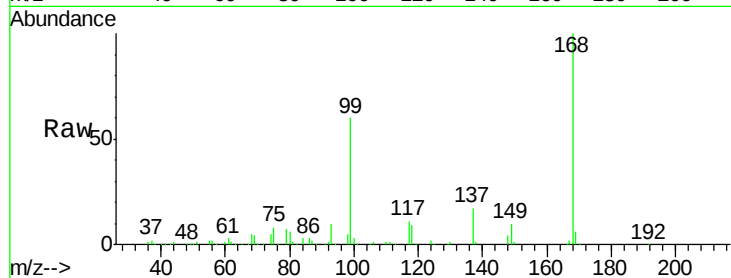
SU-03-092319

Tot Ion:168 Resp: 436051

Ion Ratio Lower Upper

168 100

99 59.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

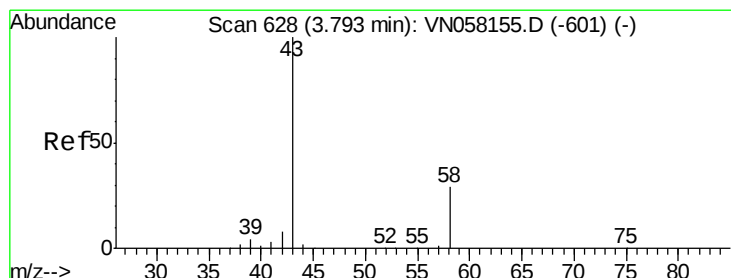
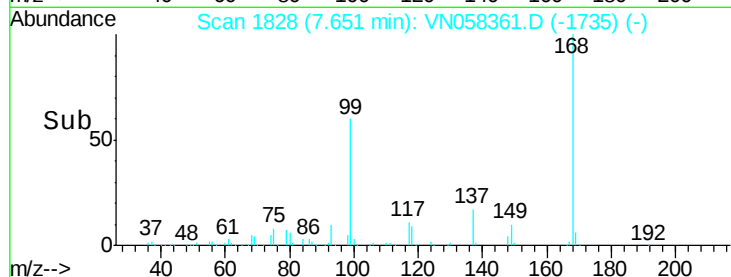
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 18.588 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058361.D

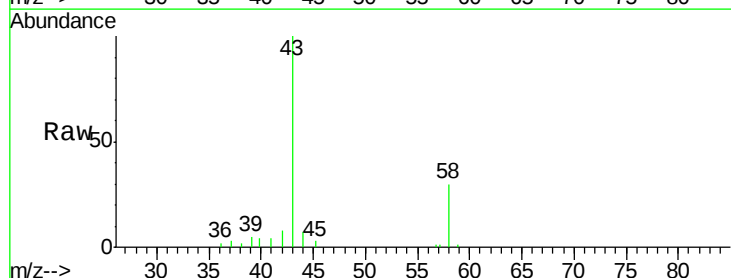
Acq: 25 Sep 2019 12:58

Tgt Ion: 43 Resp: 38320

Ion Ratio Lower Upper

43 100

58 30.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

15000

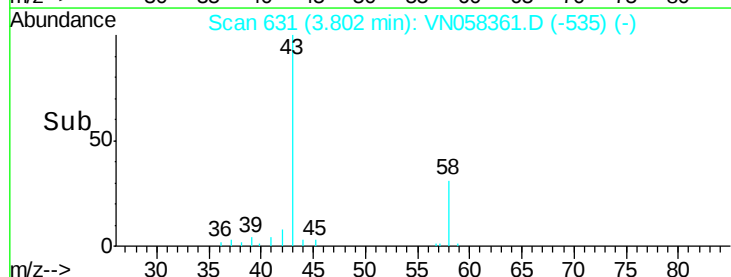
10000

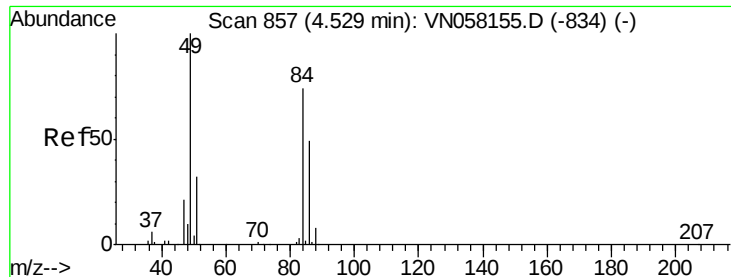
5000

0

3.70 3.80 3.90

Time-->

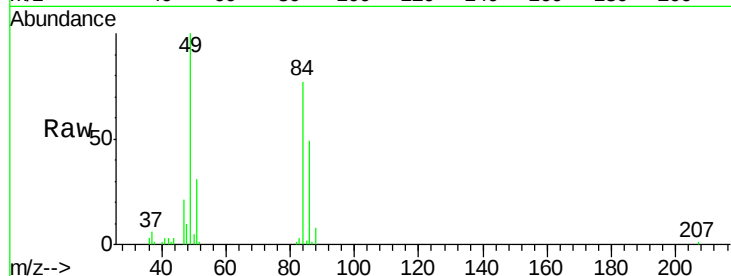




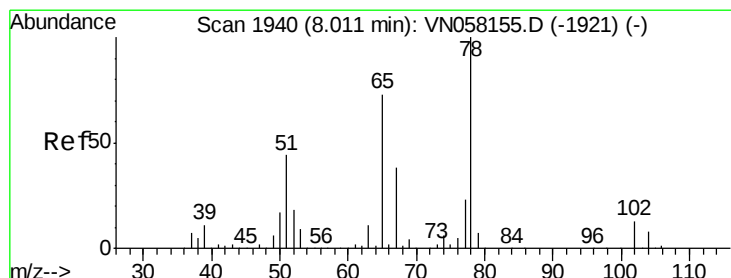
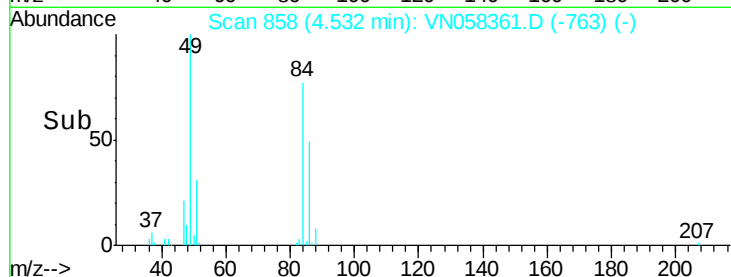
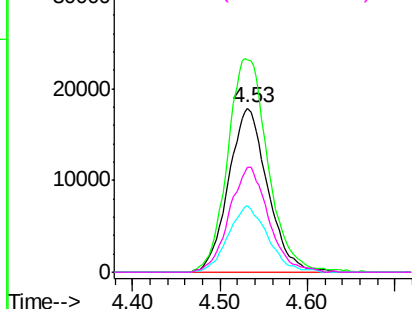
#20
Methvlene Chloride
Concen: 15.203 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058361.D
Acq: 25 Sep 2019 12:58

Instrument :
MSVOA_N
ClientSampleId :
SU-03-092319

Tot Ion: 84 Resp: 55430
Ion Ratio Lower Upper
84 100
49 129.9 107.5 161.3
51 40.4 33.9 50.9
86 64.2 52.4 78.6

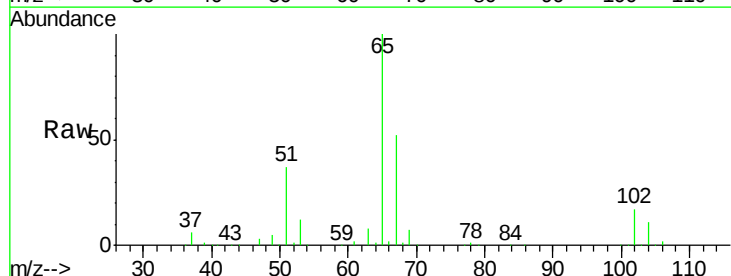


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

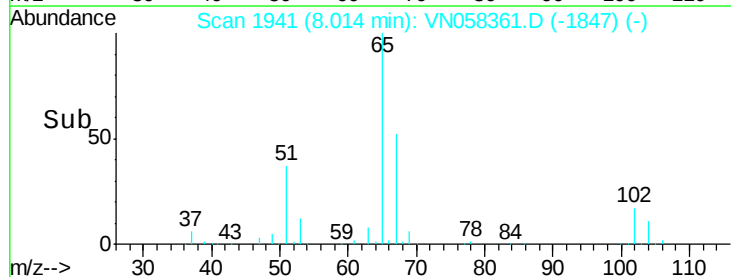
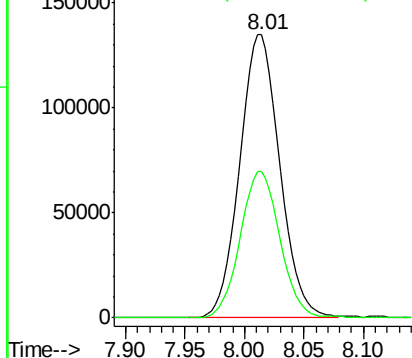


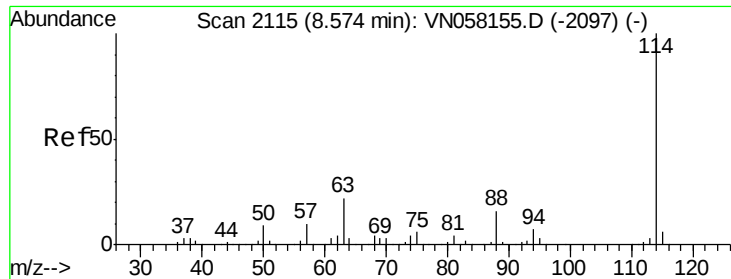
#33
1,2-Dichloroethane-d4
Concen: 51.782 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058361.D
Acq: 25 Sep 2019 12:58

Tgt Ion: 65 Resp: 314486
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058361.D

Acq: 25 Sep 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

SU-03-092319

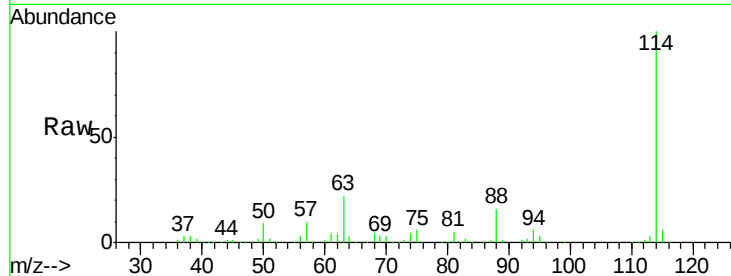
Tot Ion:114 Resp: 705081

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

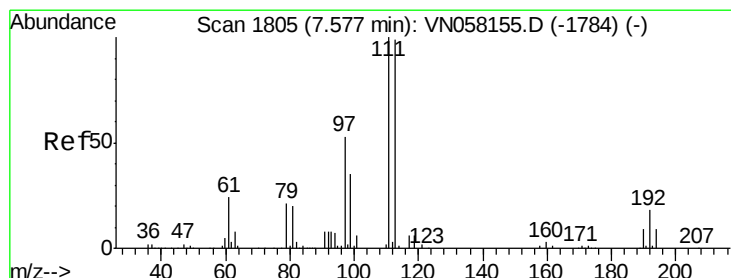
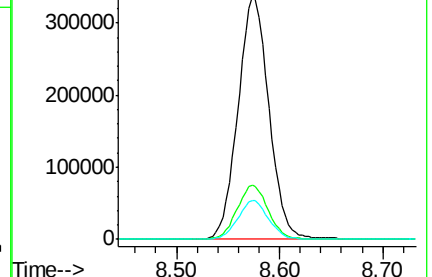
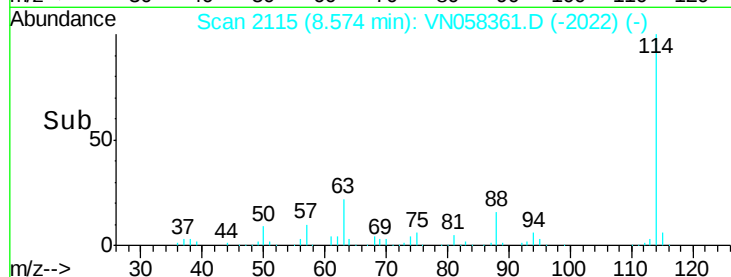
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.420 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058361.D

Acq: 25 Sep 2019 12:58

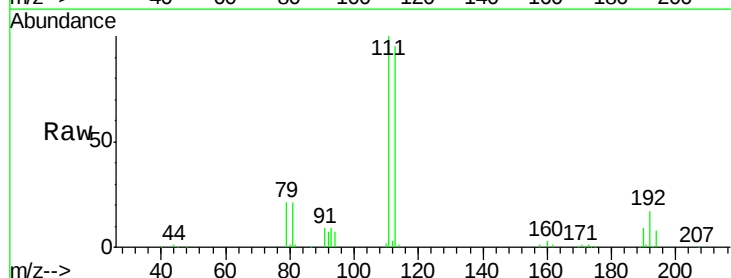
Tgt Ion:113 Resp: 220404

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

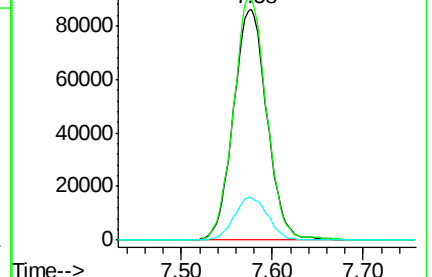
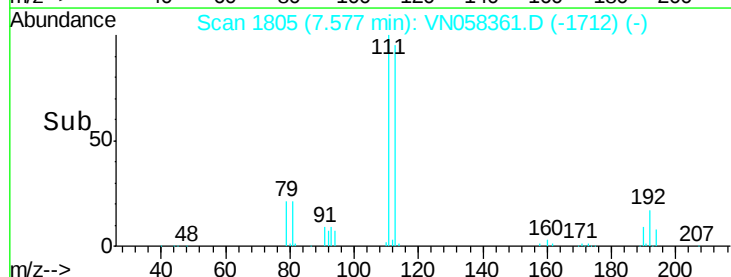
192 18.7 14.5 21.7

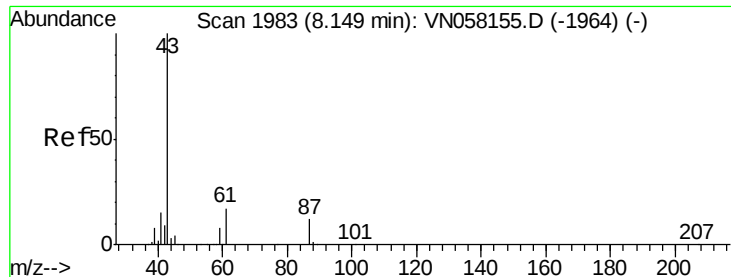


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.574 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058361.D

Acq: 25 Sep 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

SU-03-092319

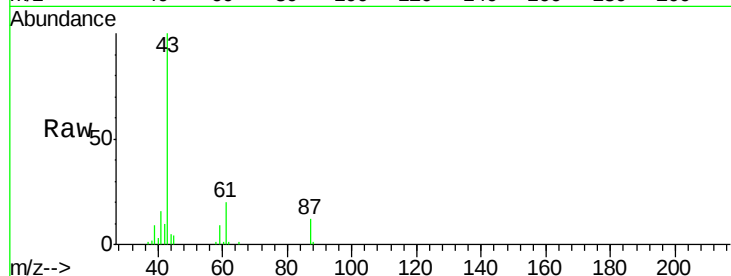
Tot Ion: 43 Resp: 84501

Ion Ratio Lower Upper

43 100

61 18.2 19.7 29.5#

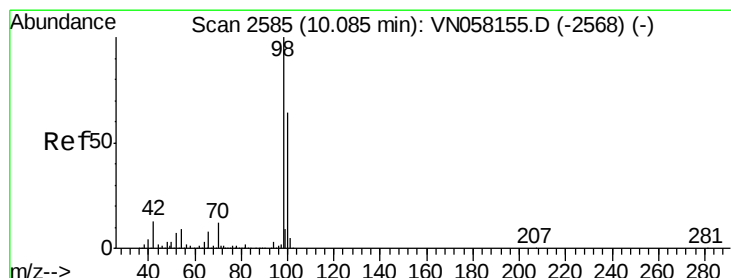
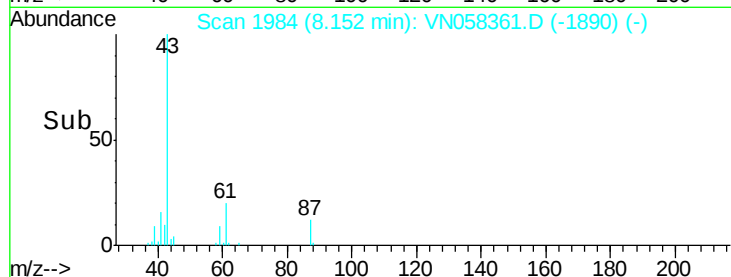
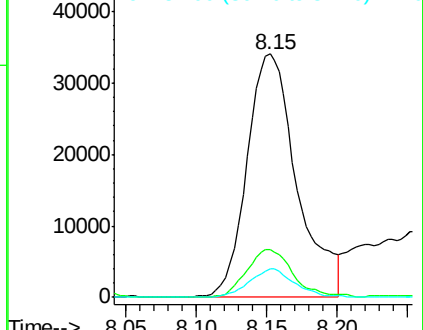
87 10.4 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)



#50

Toluene-d8

Concen: 54.015 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058361.D

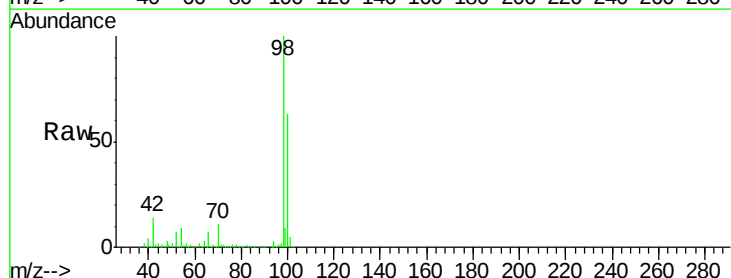
Acq: 25 Sep 2019 12:58

Tgt Ion: 98 Resp: 902069

Ion Ratio Lower Upper

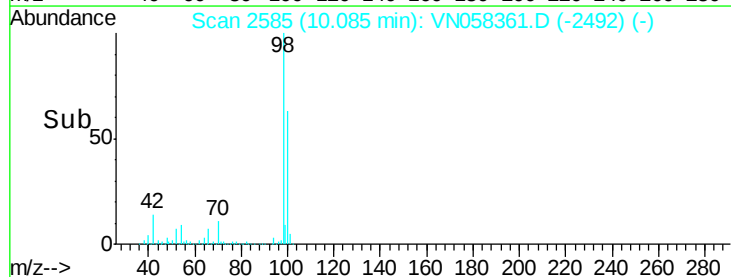
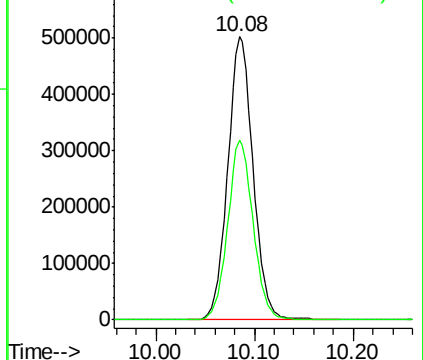
98 100

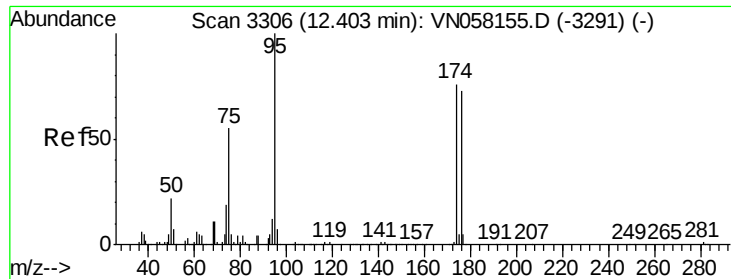
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058155.D (-2568) (-)

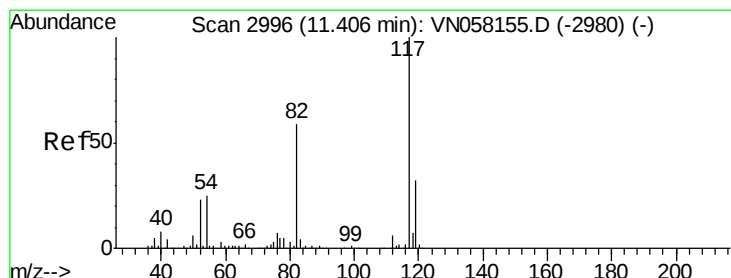
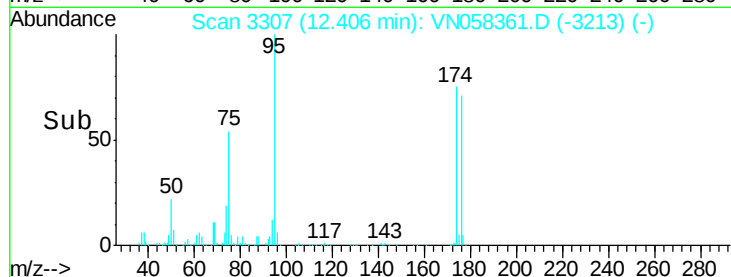
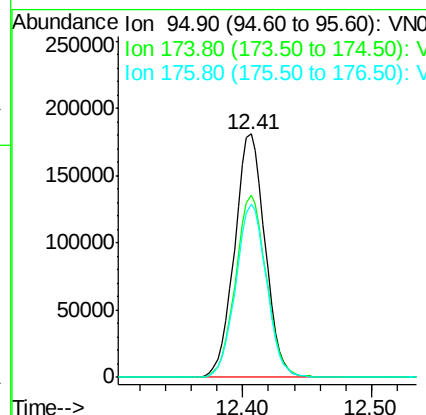
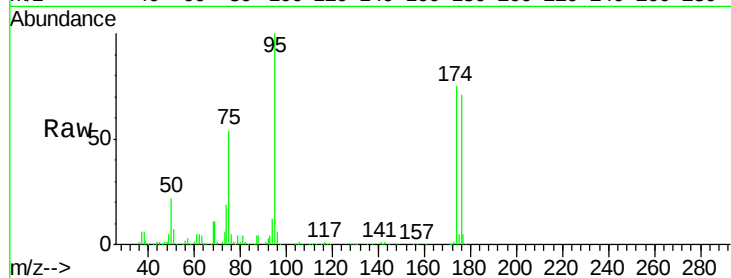




#62
4-Bromofluorobenzene
Concen: 47.968 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058361.D
Acq: 25 Sep 2019 12:58

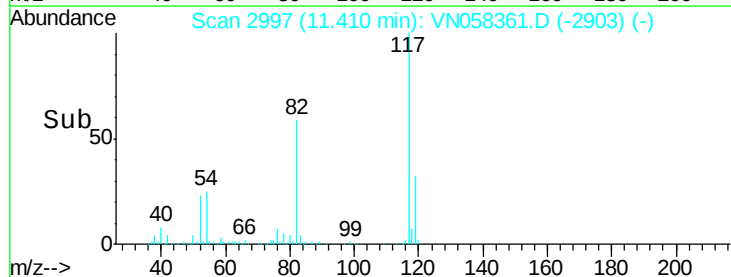
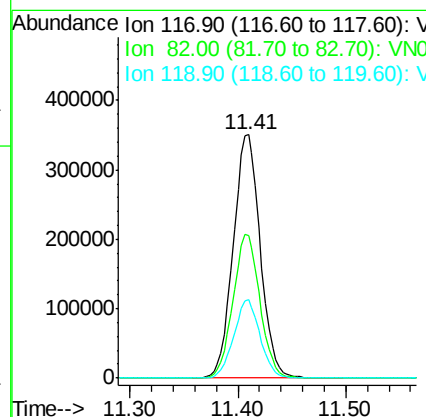
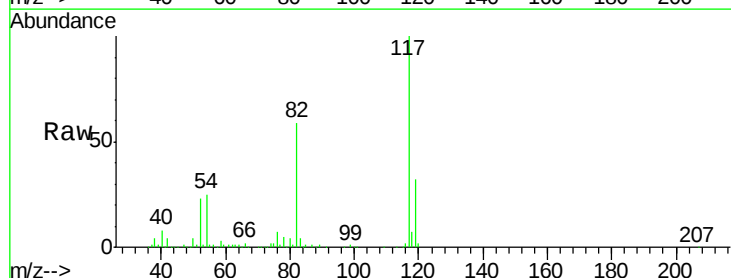
Instrument :
MSVOA_N
ClientSampleId :
SU-03-092319

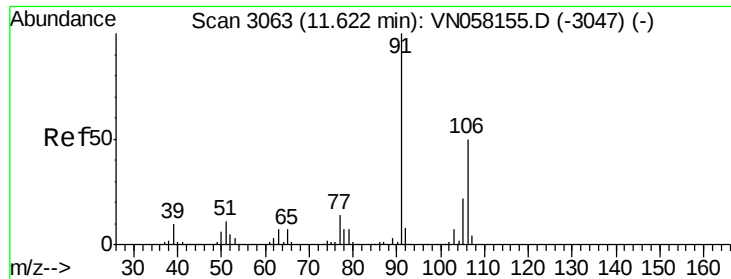
Tot Ion: 95 Resp: 297570
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.2
176 71.8 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058361.D
Acq: 25 Sep 2019 12:58

Tgt Ion: 117 Resp: 611355
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 32.1 25.3 37.9

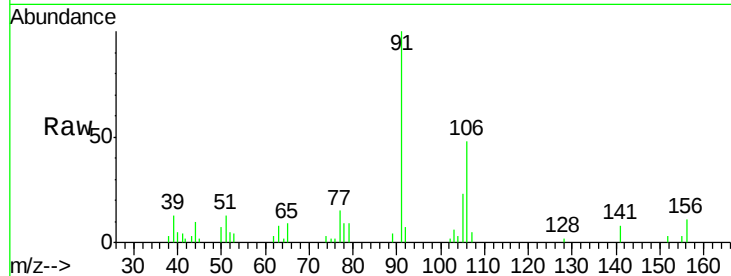




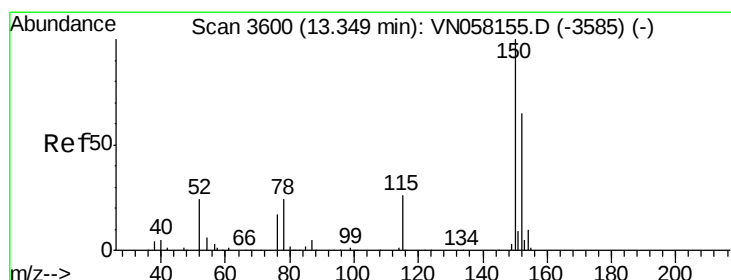
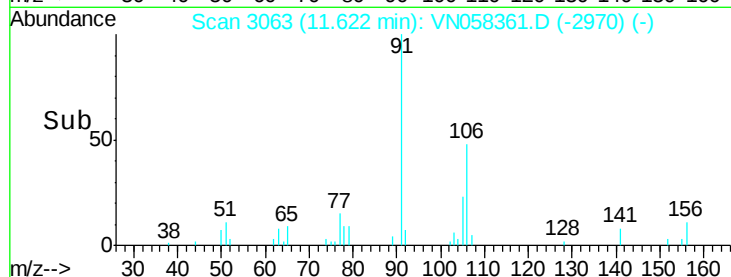
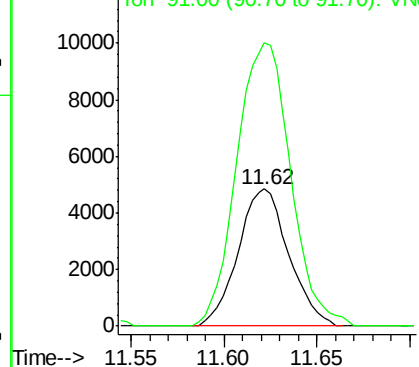
#68
m/p-Xvlenes
Concen: 1.328 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058361.D
Acq: 25 Sep 2019 12:58

Instrument :
MSVOA_N
ClientSampleId :
SU-03-092319

Tot Ion:106 Resp: 9218
Ion Ratio Lower Upper
106 100
91 220.0 163.6 245.4

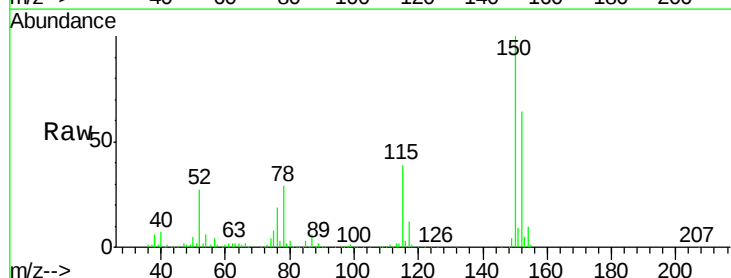


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

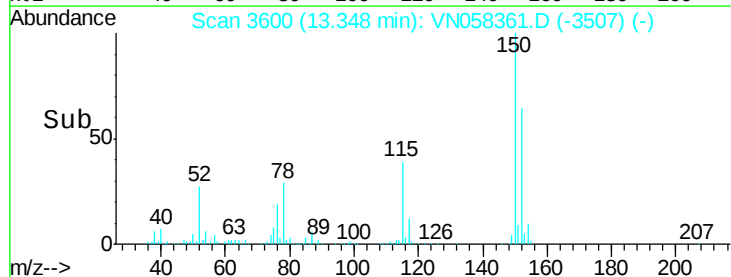
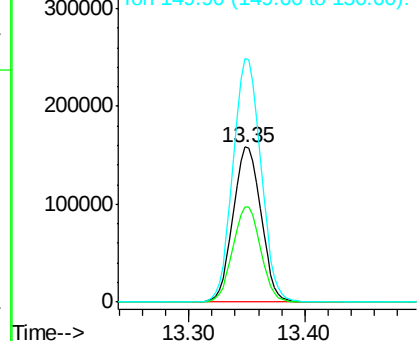


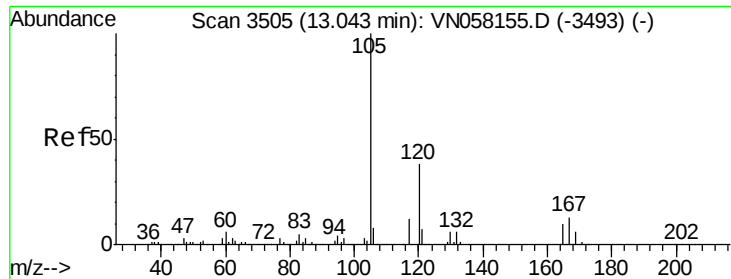
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058361.D
Acq: 25 Sep 2019 12:58

Tgt Ion:152 Resp: 263826
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.3
150 156.9 0.0 346.4



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





#84

1,2,4-Trimethylbenzene

Concen: 1.520 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058361.D

Acq: 25 Sep 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

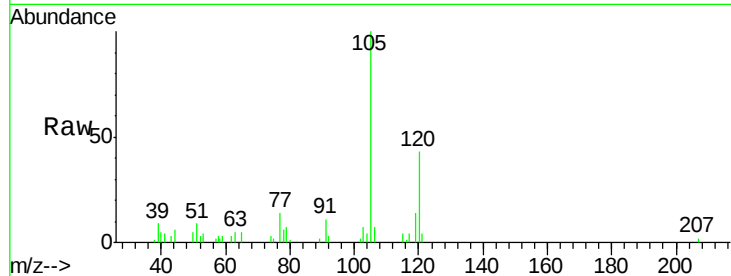
SU-03-092319

Tot Ion:105 Resp: 21126

Ion Ratio Lower Upper

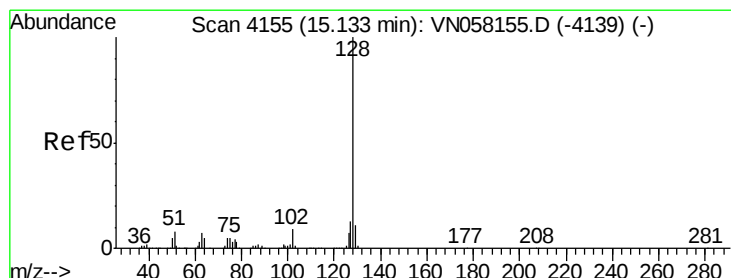
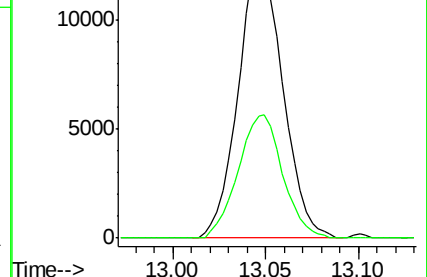
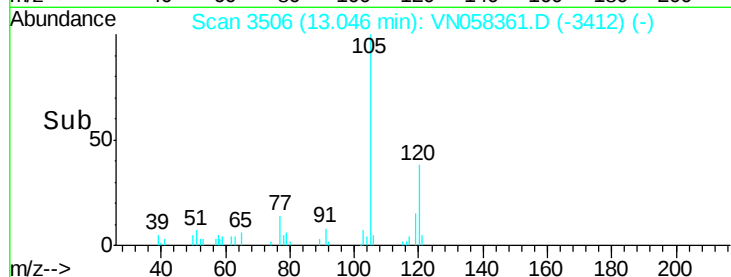
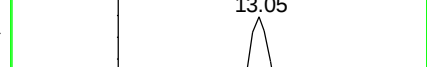
105 100

120 44.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 39.607 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058361.D

Acq: 25 Sep 2019 12:58

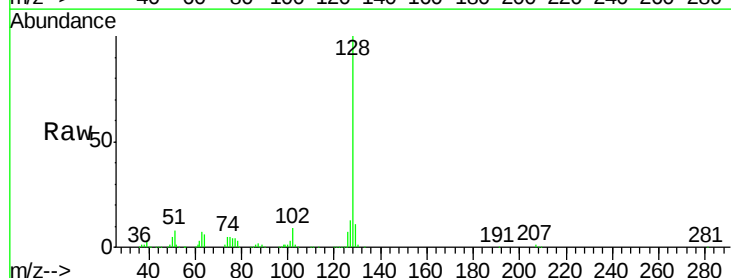
Tgt Ion:128 Resp: 499124

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

