

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052440.D
 Acq On : 21 Nov 2018 16:04
 Operator : MD\SY
 Sample : J5772-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-112018-C

Quant Time: Nov 22 00:57:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

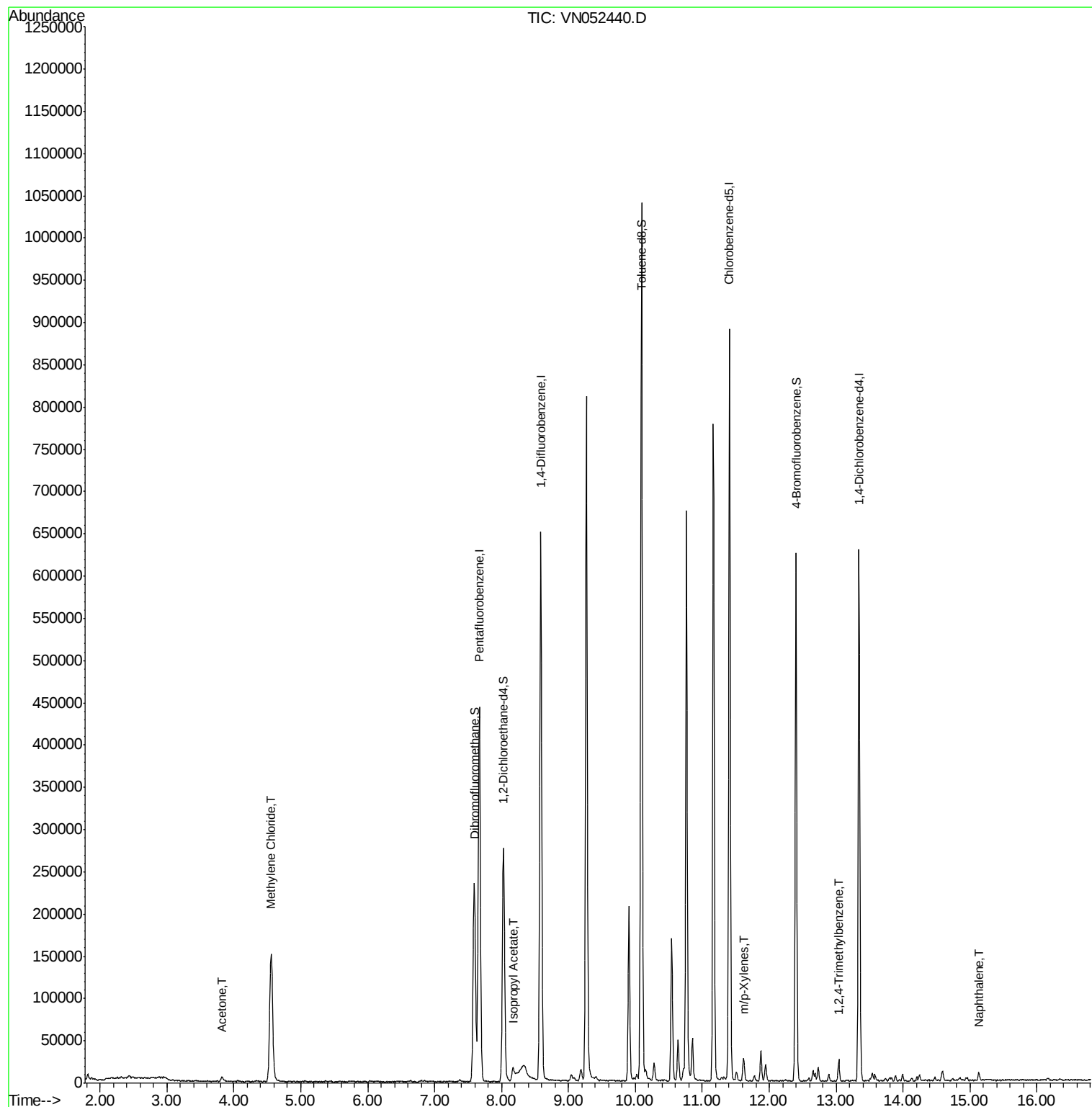
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	311351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	524382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	235422	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	7.59	113	172363	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.09	98	666953	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	194491	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
16) Acetone	3.82	43	9199	7.60	ug/l #	86
20) Methylene Chloride	4.56	84	99786	26.76	ug/l	96
43) Isopropyl Acetate	8.17	43	21227	2.88	ug/l #	91
68) m/p-Xylenes	11.62	106	7432	1.25	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	13453	1.42	ug/l	98
95) Naphthalene	15.13	128	7175	3.90	ug/l	97

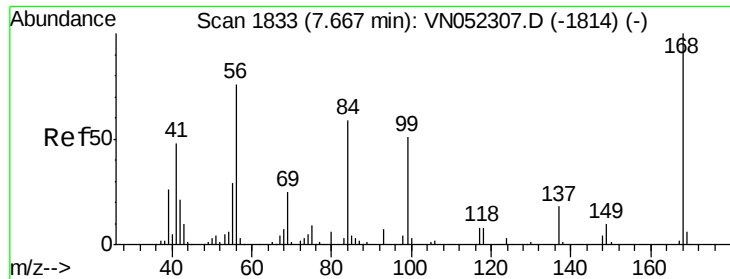
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052440.D

Acq: 21 Nov 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

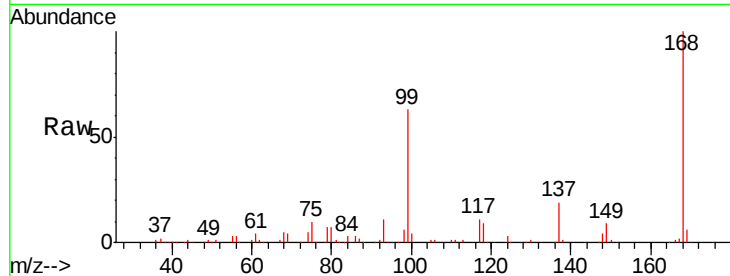
PL-01-112018-C

Tgt Ion:168 Resp: 311351

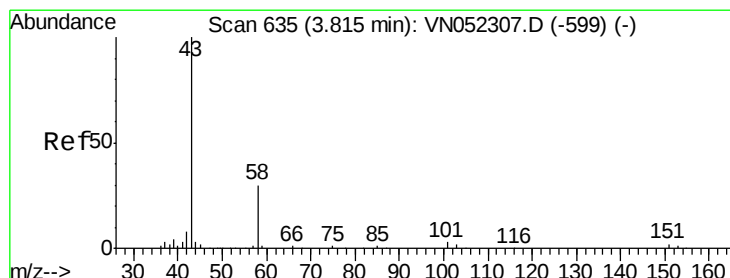
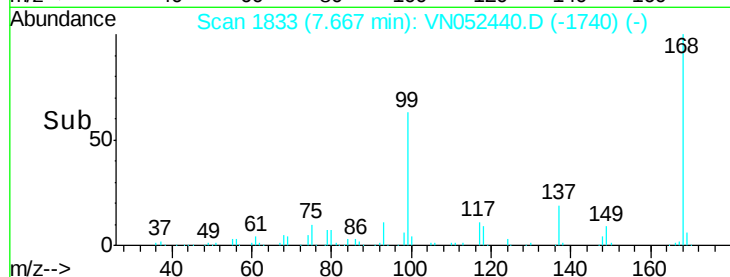
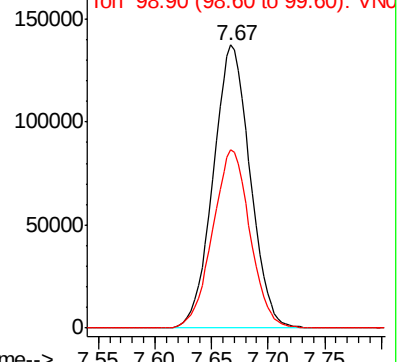
Ion Ratio Lower Upper

168 100

99 63.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)



#16

Acetone

Concen: 7.60 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052440.D

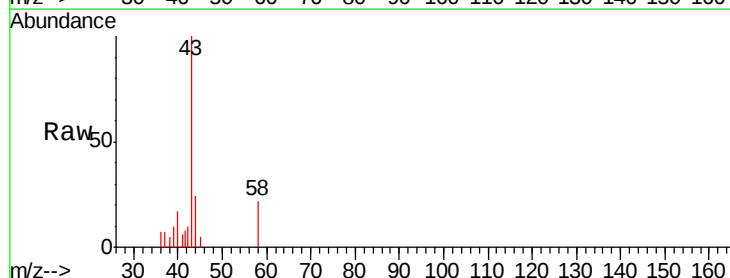
Acq: 21 Nov 2018 16:04

Tgt Ion: 43 Resp: 9199

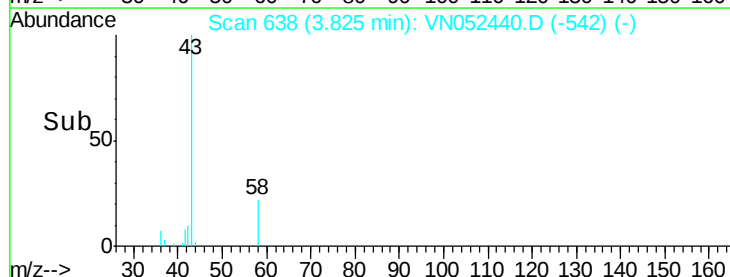
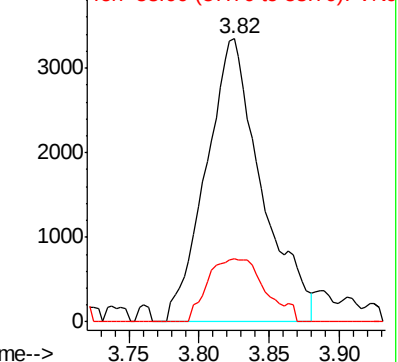
Ion Ratio Lower Upper

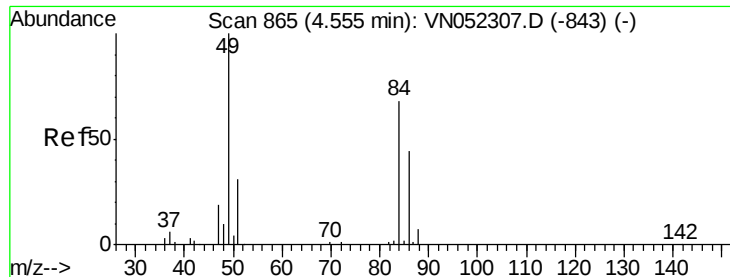
43 100

58 22.5 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

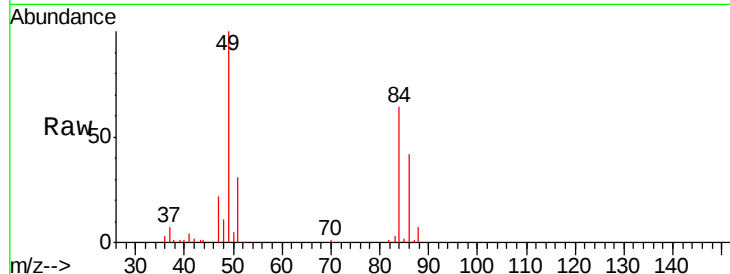




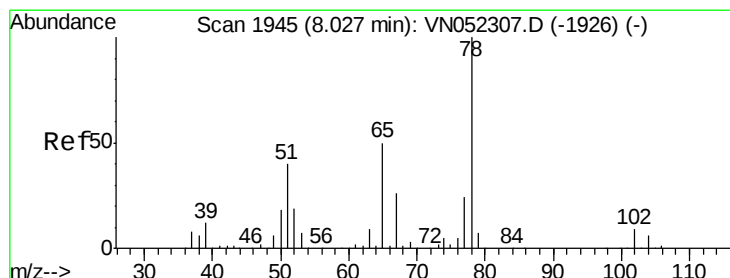
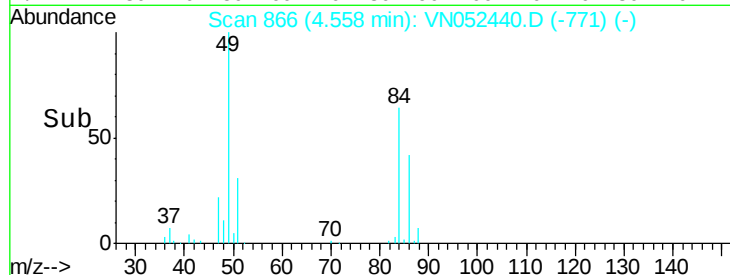
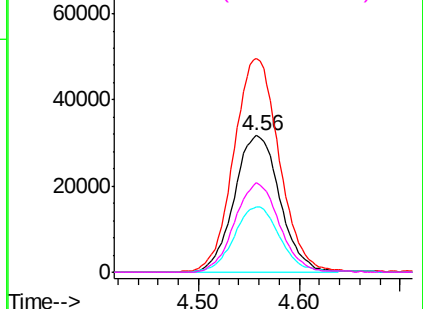
#20
Methylene Chloride
Concen: 26.76 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052440.D
Acq: 21 Nov 2018 16:04

Instrument :
MSVOA_N
ClientSampleId :
PL-01-112018-C

Tgt Ion: 84 Resp: 99786
Ion Ratio Lower Upper
84 100
49 155.2 118.2 177.2
51 47.8 36.1 54.1
86 65.1 51.6 77.4

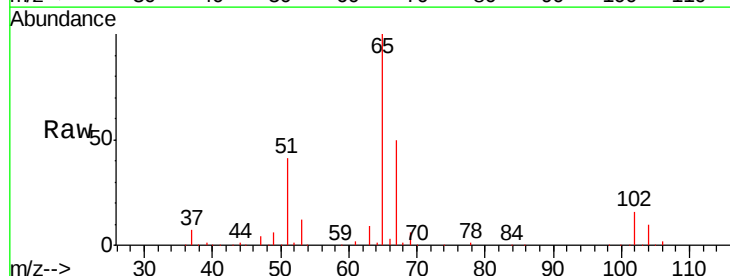


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

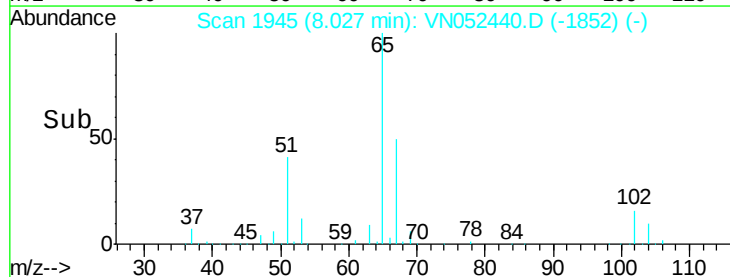
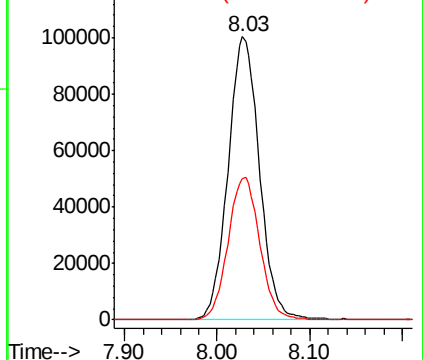


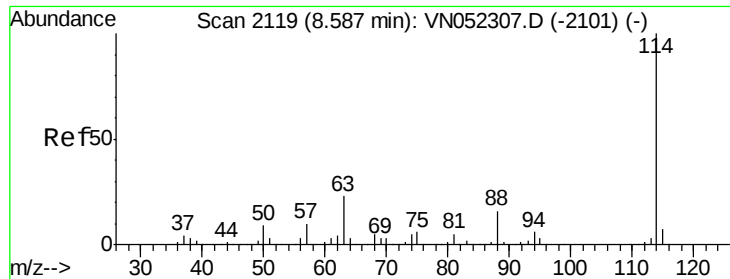
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052440.D
Acq: 21 Nov 2018 16:04

Tgt Ion: 65 Resp: 235422
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

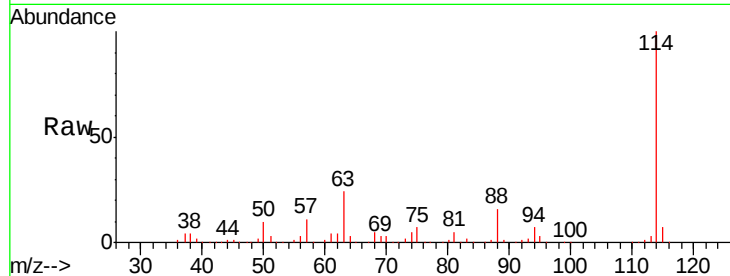




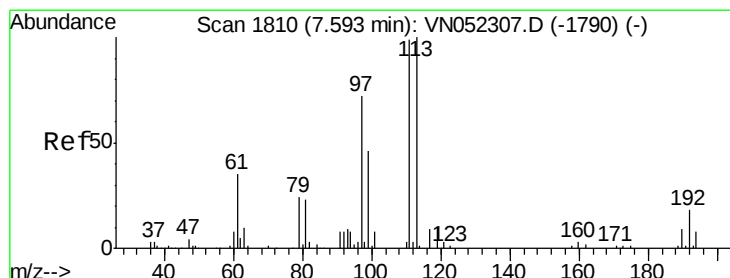
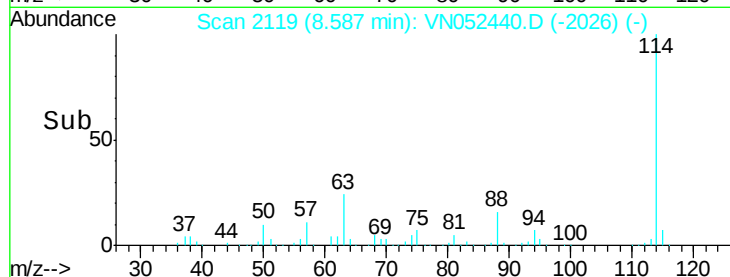
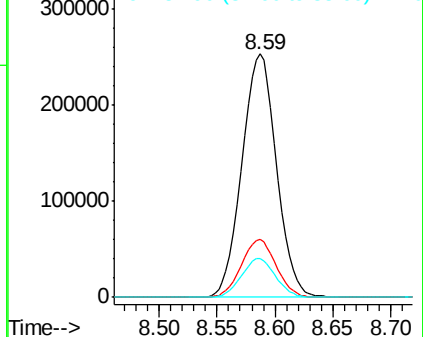
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052440.D
 Acq: 21 Nov 2018 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-112018-C

Tgt Ion:114 Resp: 524382
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.4
 88 15.7 0.0 31.2

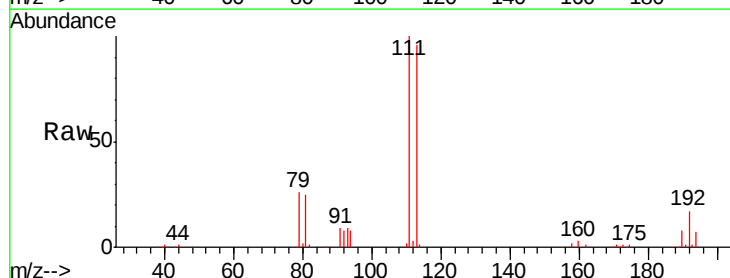


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

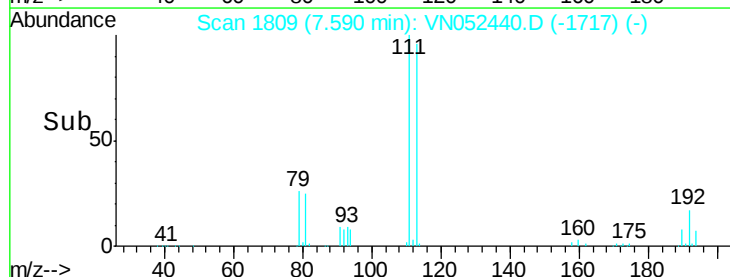
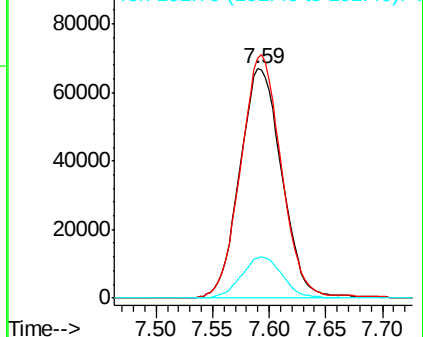


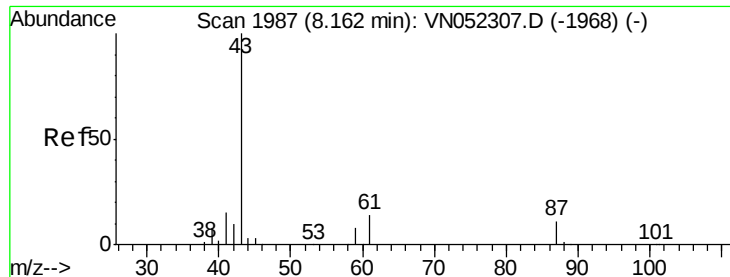
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052440.D
 Acq: 21 Nov 2018 16:04

Tgt Ion:113 Resp: 172363
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 17.5 13.8 20.6



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: 2.88 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052440.D

Acq: 21 Nov 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-112018-C

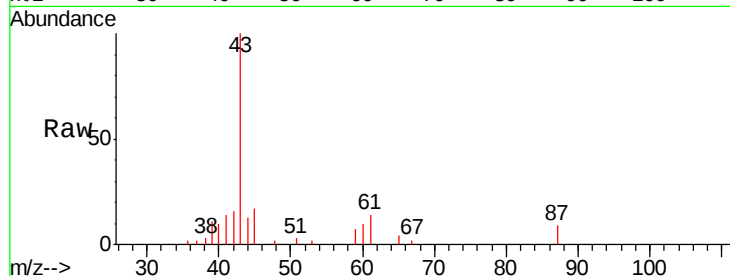
Tgt Ion: 43 Resp: 21227

Ion Ratio Lower Upper

43 100

61 11.3 12.0 18.0#

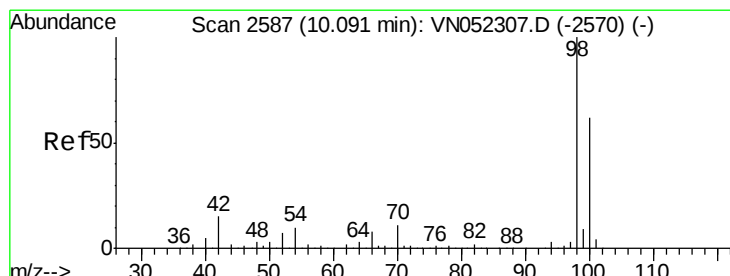
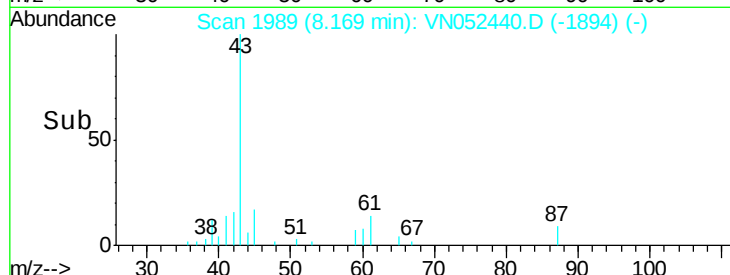
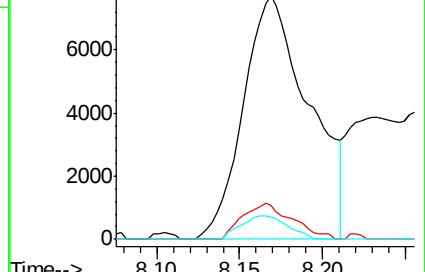
87 6.9 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052440.D

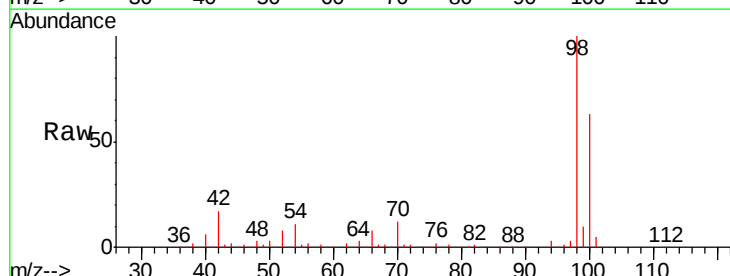
Acq: 21 Nov 2018 16:04

Tgt Ion: 98 Resp: 666953

Ion Ratio Lower Upper

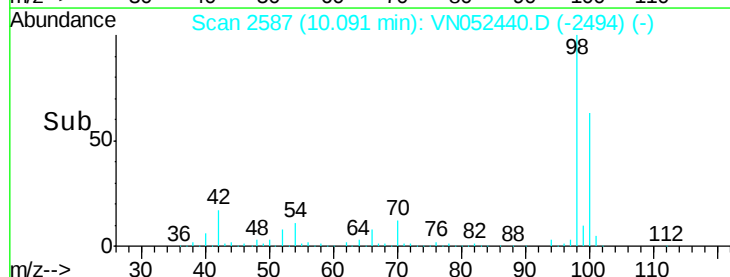
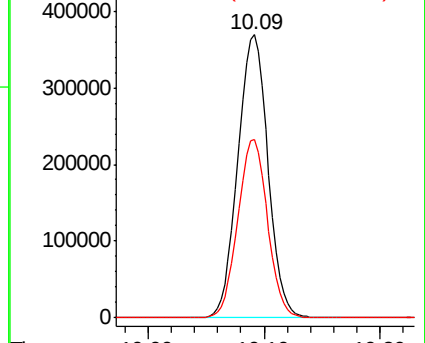
98 100

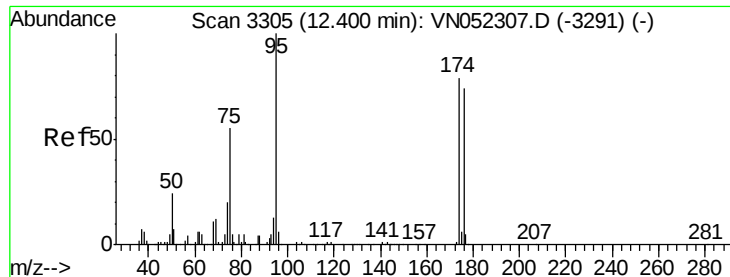
100 62.1 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052440.D

Acq: 21 Nov 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

PL-01-112018-C

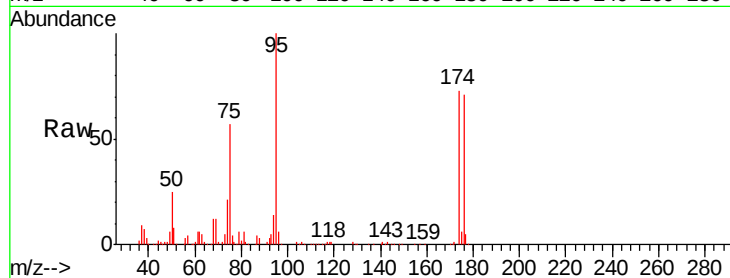
Tgt Ion: 95 Resp: 194491

Ion Ratio Lower Upper

95 100

174 74.1 0.0 156.0

176 71.0 0.0 148.4

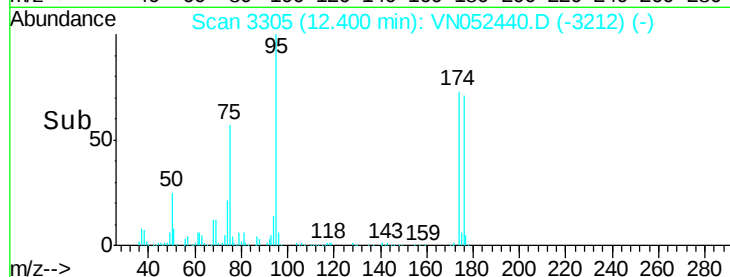


Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

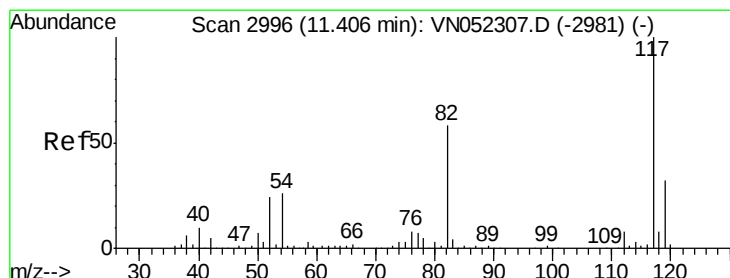
Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052440.D

Acq: 21 Nov 2018 16:04

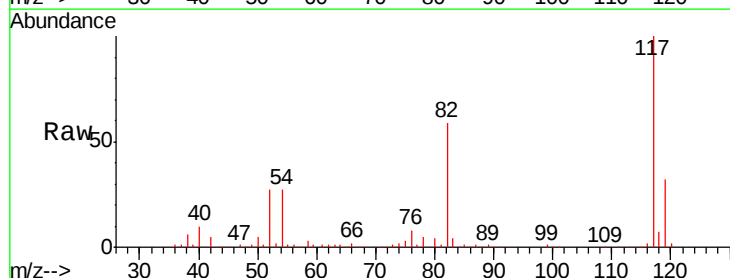
Tgt Ion: 117 Resp: 444293

Ion Ratio Lower Upper

117 100

82 59.4 46.5 69.7

119 32.2 25.7 38.5

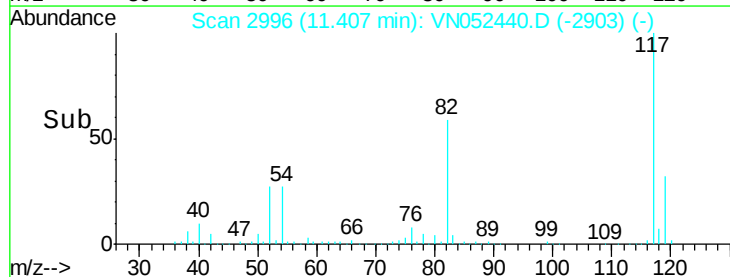


Abundance Ion 116.90 (116.60 to 117.60): VN052307.D (-2981) (-)

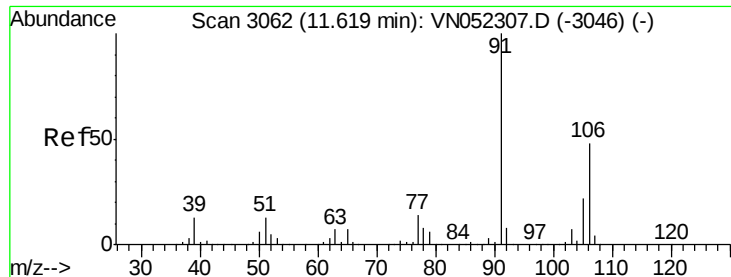
Ion 82.00 (81.70 to 82.70): VN052307.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052307.D (-2981) (-)

Time-->



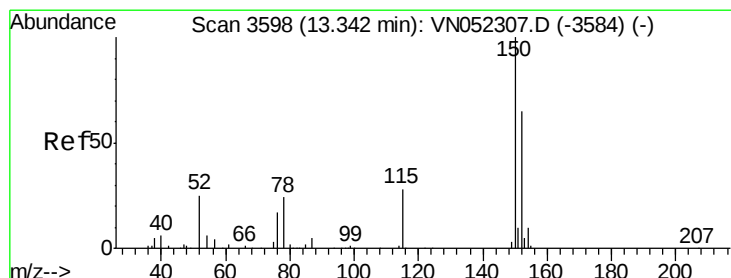
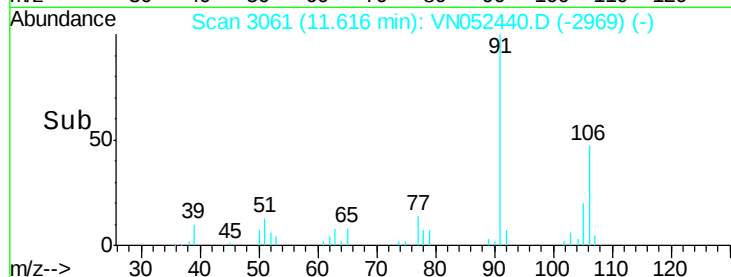
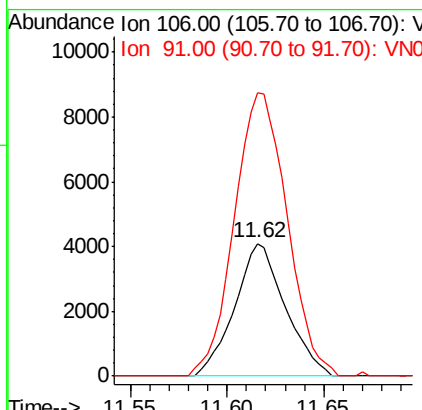
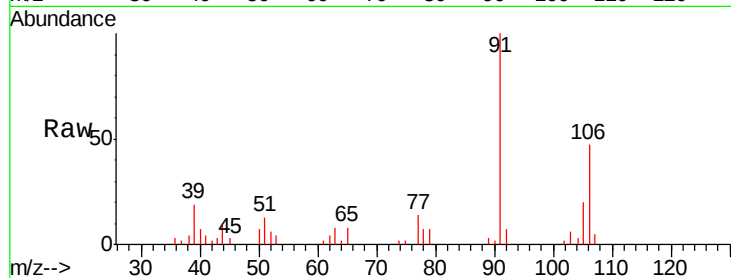
Time-->



#68
m/p-Xylenes
Concen: 1.25 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052440.D
Acq: 21 Nov 2018 16:04

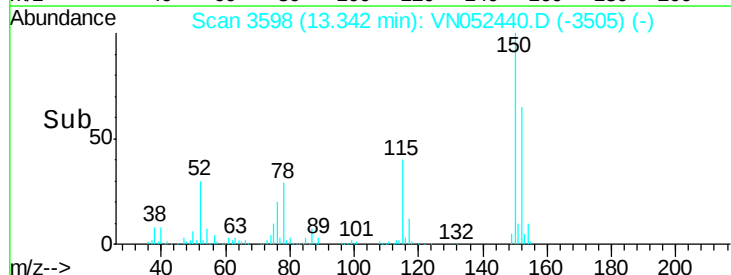
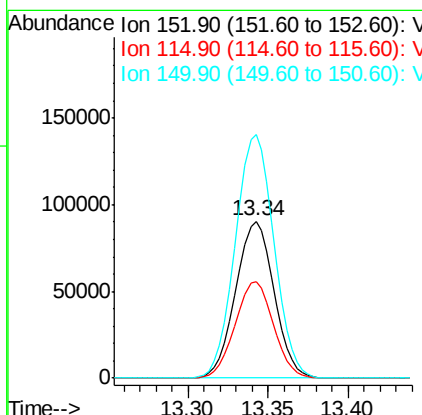
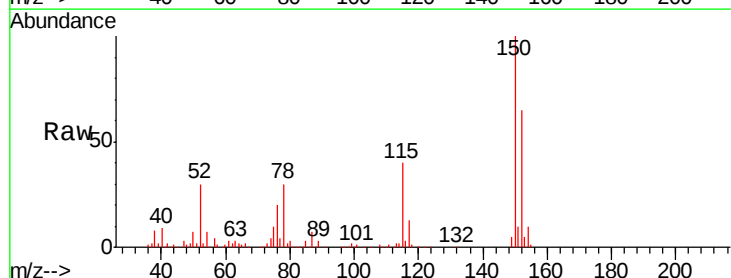
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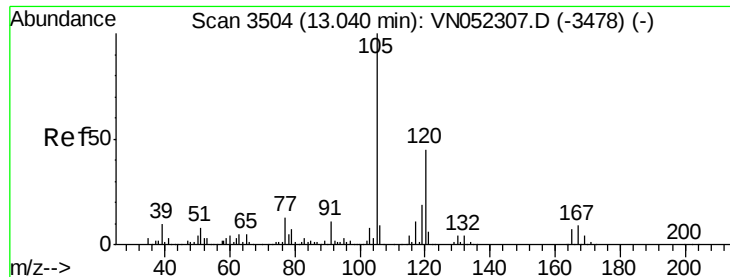
Tgt Ion:106 Resp: 7432
Ion Ratio Lower Upper
106 100
91 222.7 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052440.D
Acq: 21 Nov 2018 16:04

Tgt Ion:152 Resp: 148008
Ion Ratio Lower Upper
152 100
115 61.5 30.3 91.0
150 156.2 0.0 348.2

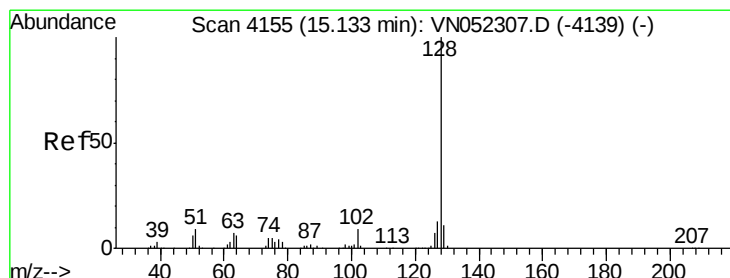
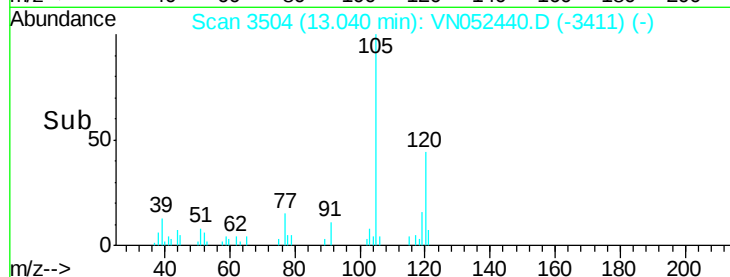
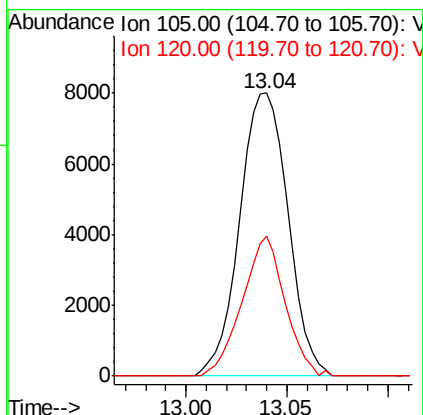
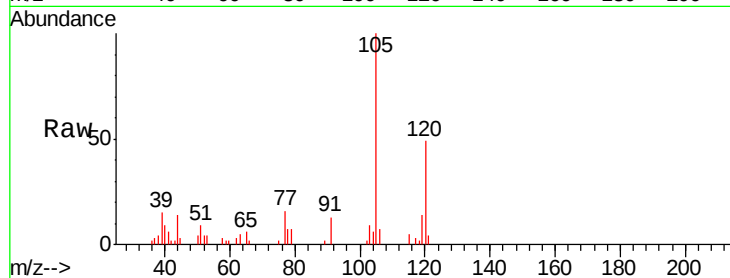




#84
 1,2,4-Trimethylbenzene
 Concen: 1.42 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052440.D
 Acq: 21 Nov 2018 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-112018-C

Tgt Ion:105 Resp: 13453
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.5 67.5



#95
 Naphthalene
 Concen: 3.90 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN052440.D
 Acq: 21 Nov 2018 16:04

Tgt Ion:128 Resp: 7175
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.4 15.6
 129 12.1 8.6 13.0

