

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052396.D
 Acq On : 19 Nov 2018 20:13
 Operator : MD\SY
 Sample : J5964-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 LR-RBR-200036

Quant Time: Nov 20 08:00:40 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

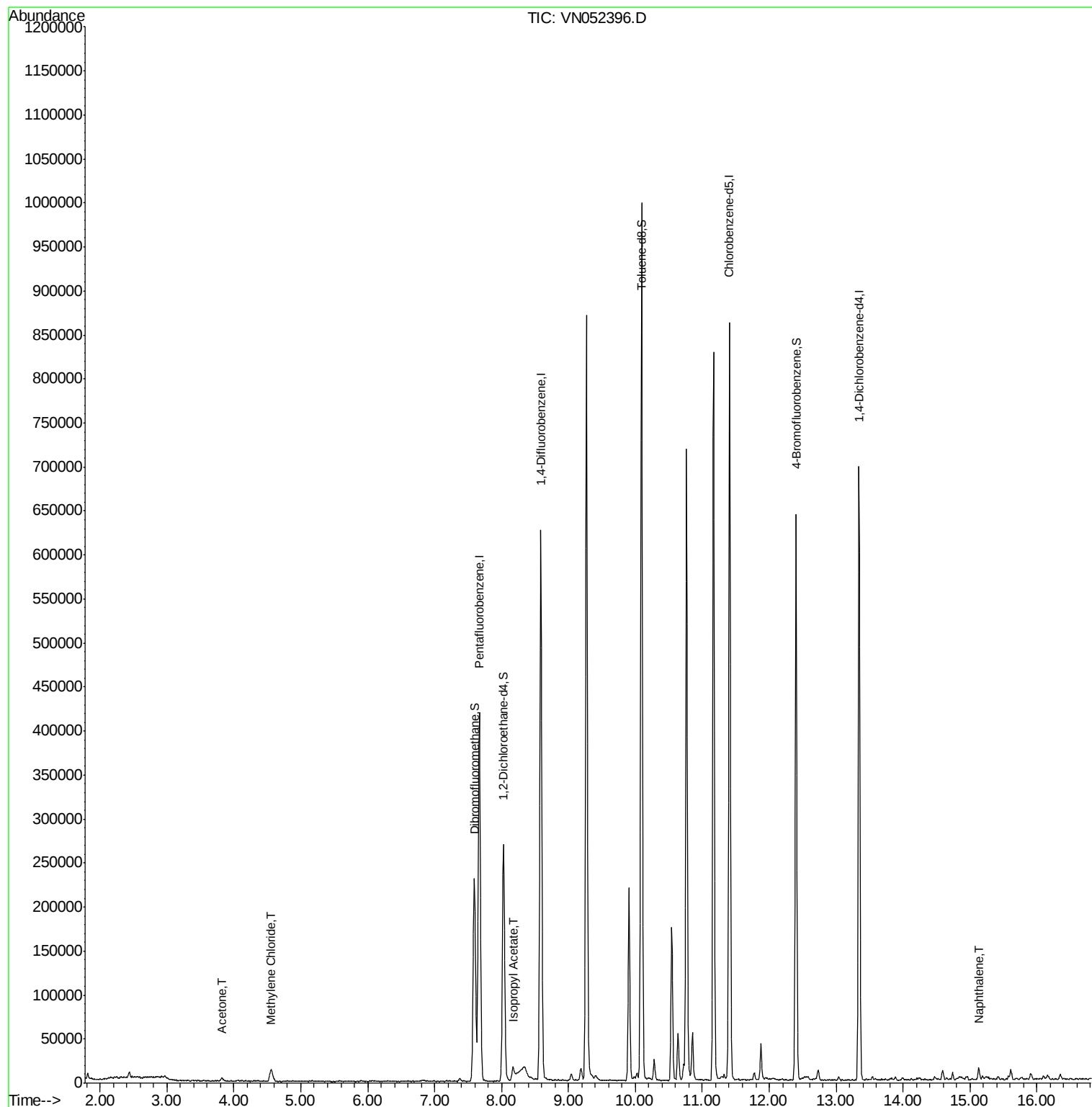
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	302765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	506959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	228117	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.59	113	170250	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	10.09	98	642293	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	197607	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
16) Acetone	3.82	43	4627	3.93	ug/l	99
20) Methylene Chloride	4.55	84	8764	1.77	ug/l	96
43) Isopropyl Acetate	8.17	43	21207	2.98	ug/l #	94
95) Naphthalene	15.13	128	10266	4.26	ug/l #	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

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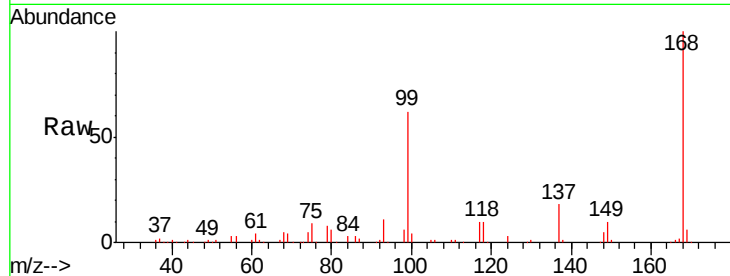
LR-RBR-200036

Tgt Ion:168 Resp: 302765

Ion Ratio Lower Upper

168 100

99 61.8 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

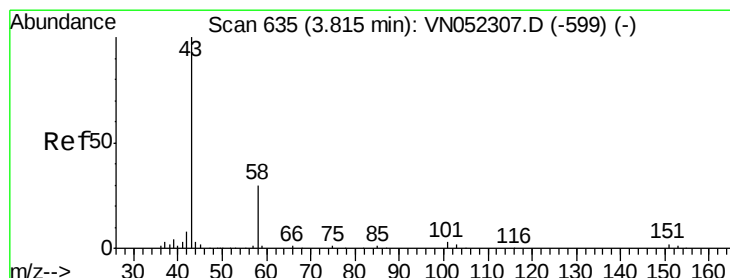
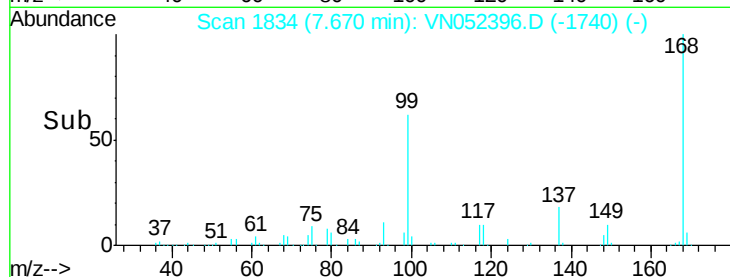
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 3.93 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052396.D

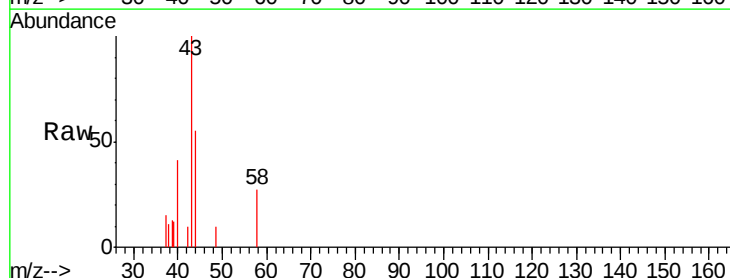
Acq: 19 Nov 2018 20:13

Tgt Ion: 43 Resp: 4627

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.4



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

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

2000

1500

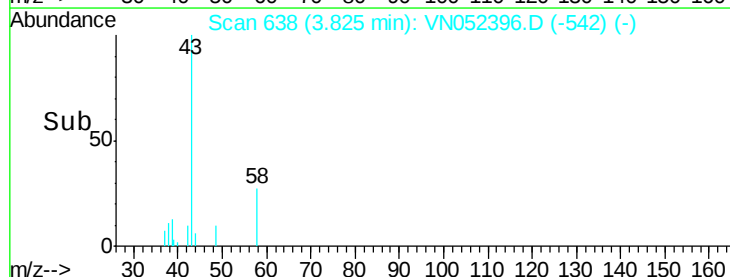
1000

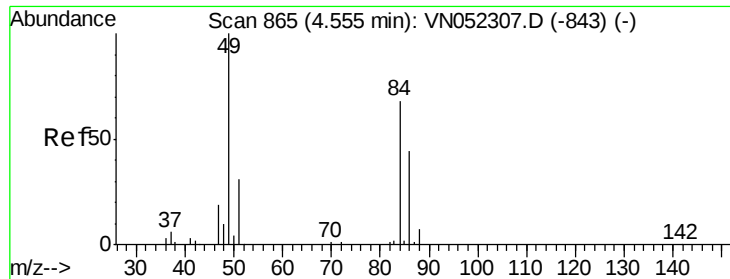
500

0

Time-->

3.75 3.80 3.85 3.90

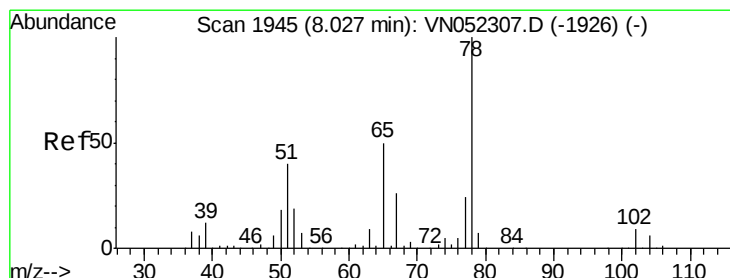
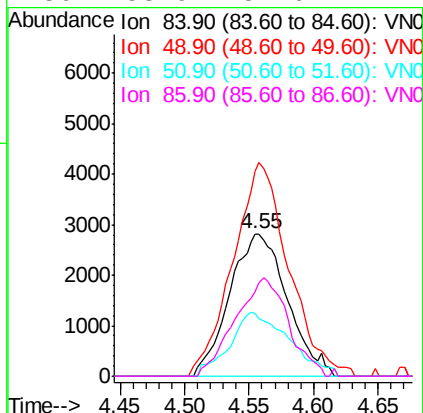
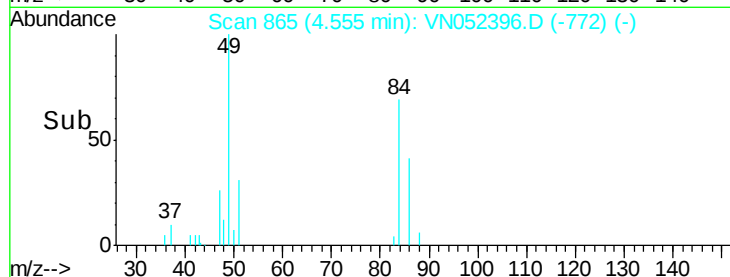
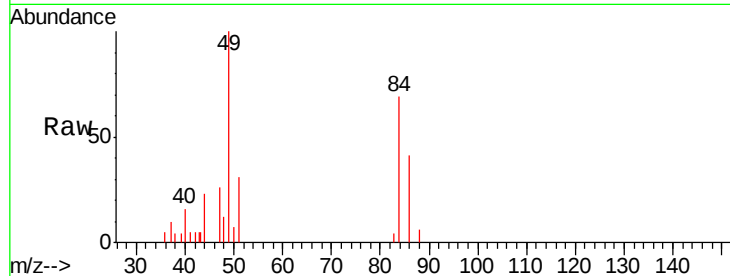




#20
Methylene Chloride
Concen: 1.77 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052396.D
Acq: 19 Nov 2018 20:13

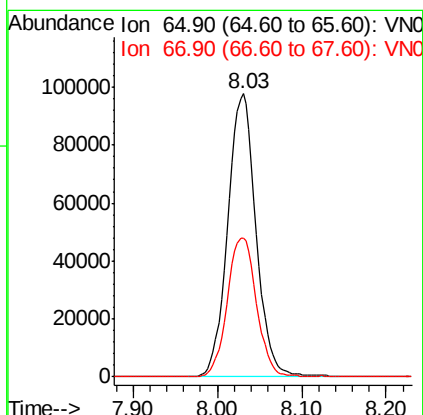
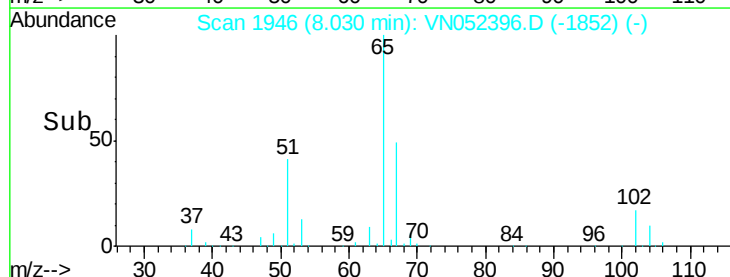
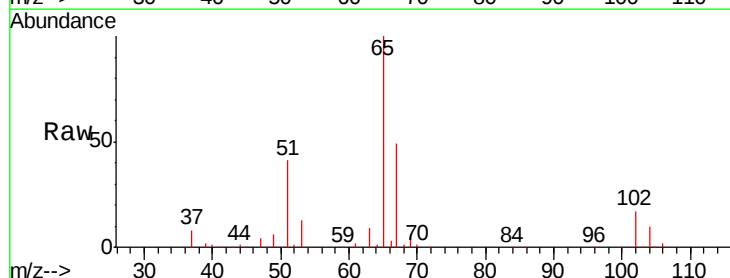
Instrument :
MSVOA_N
ClientSampleId :
LR-RBR-200036

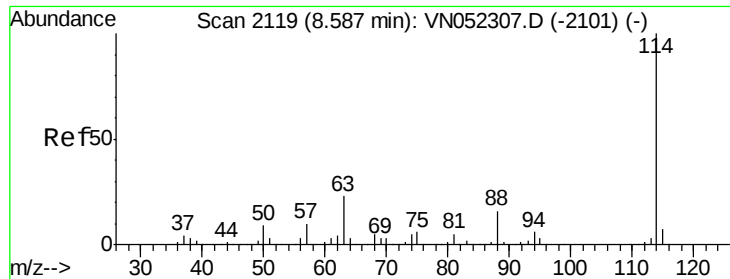
Tgt Ion: 84 Resp: 8764
Ion Ratio Lower Upper
84 100
49 143.9 118.2 177.2
51 43.9 36.1 54.1
86 58.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052396.D
Acq: 19 Nov 2018 20:13

Tgt Ion: 65 Resp: 228117
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.2

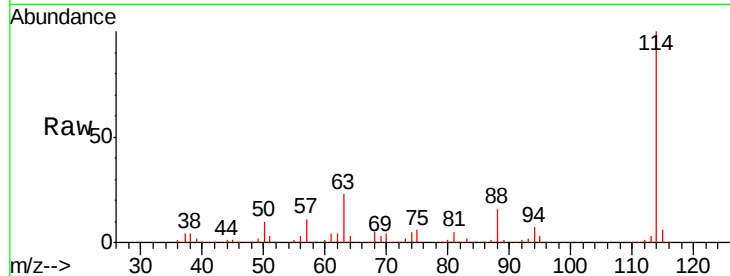




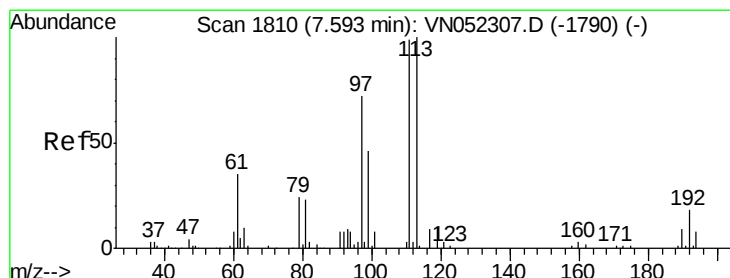
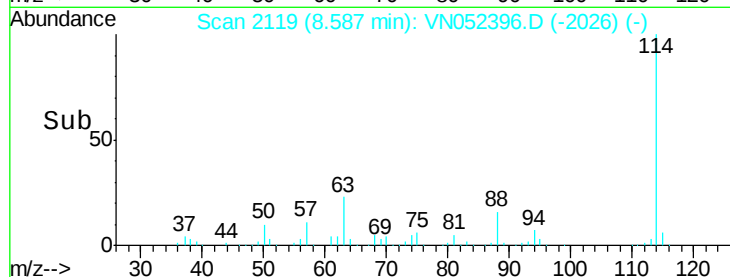
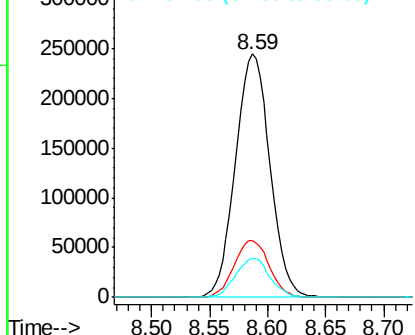
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052396.D
 Acq: 19 Nov 2018 20:13

Instrument :
 MSVOA_N
 ClientSampleId :
 LR-RBR-200036

Tgt Ion:114 Resp: 506959
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.4
 88 15.9 0.0 31.2

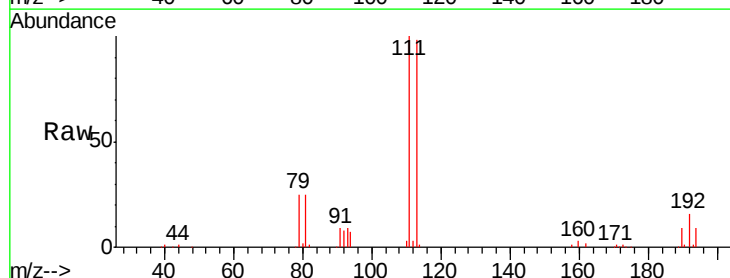


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

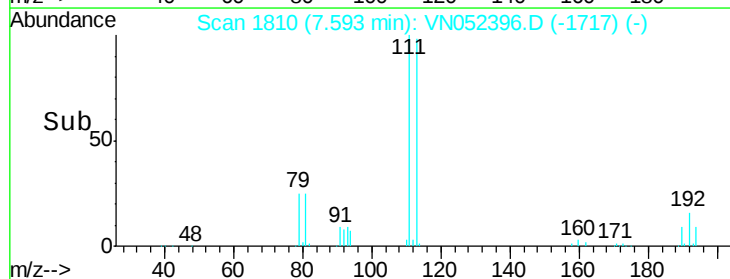
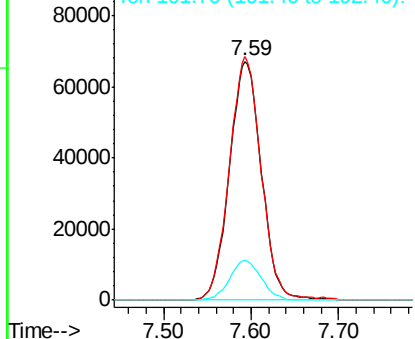


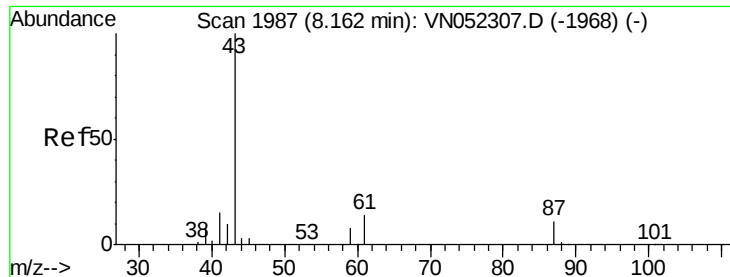
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052396.D
 Acq: 19 Nov 2018 20:13

Tgt Ion:113 Resp: 170250
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.0 121.6
 192 16.4 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: 2.98 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052396.D

Acq: 19 Nov 2018 20:13

Instrument :

MSVOA_N

ClientSampleId :

LR-RBR-200036

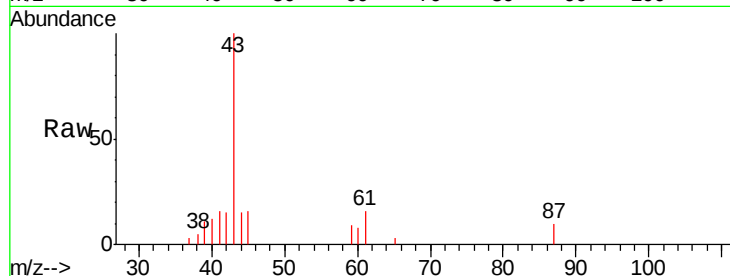
Tgt Ion: 43 Resp: 21207

Ion Ratio Lower Upper

43 100

61 13.1 12.0 18.0

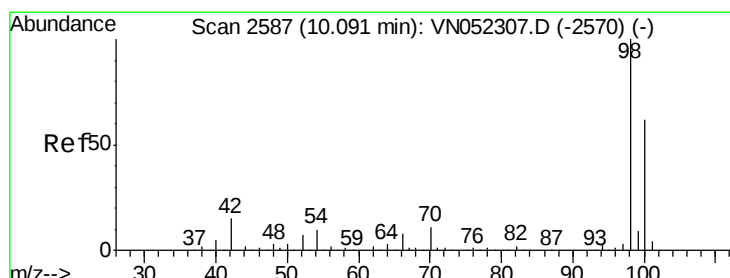
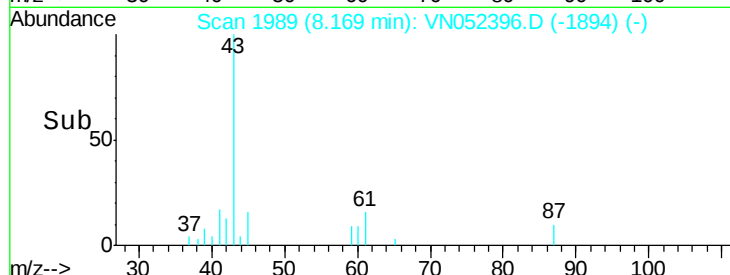
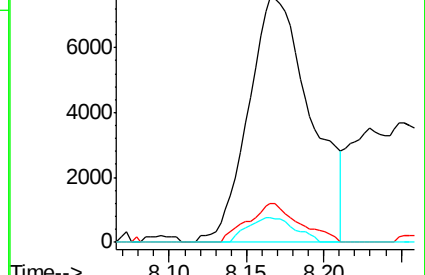
87 7.6 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052396.D

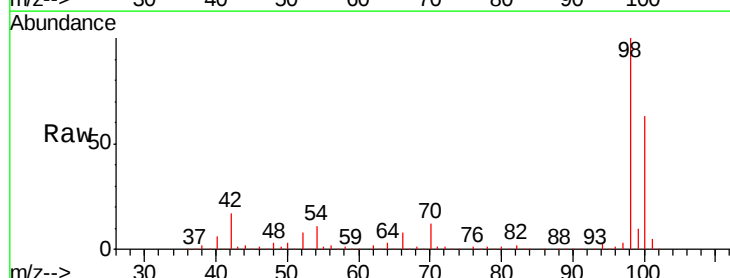
Acq: 19 Nov 2018 20:13

Tgt Ion: 98 Resp: 642293

Ion Ratio Lower Upper

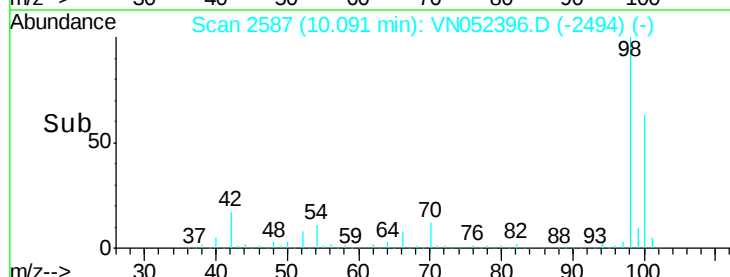
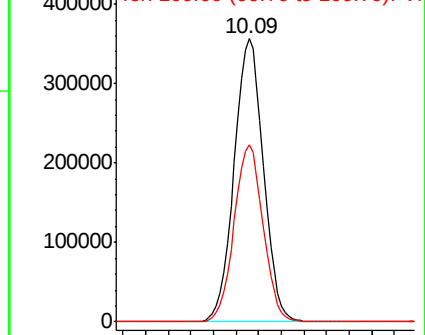
98 100

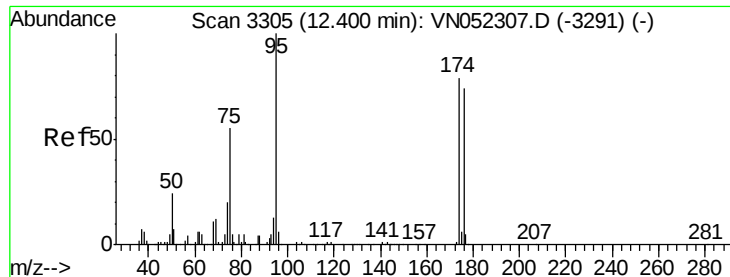
100 62.1 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052396.D

Acq: 19 Nov 2018 20:13

Instrument :

MSVOA_N

ClientSampleId :

LR-RBR-200036

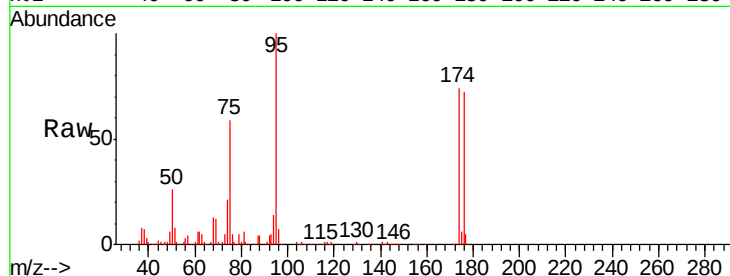
Tgt Ion: 95 Resp: 197607

Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.0

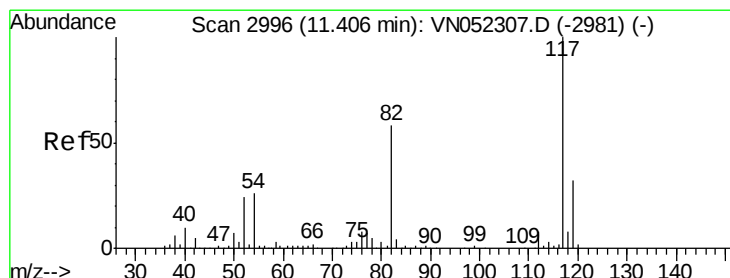
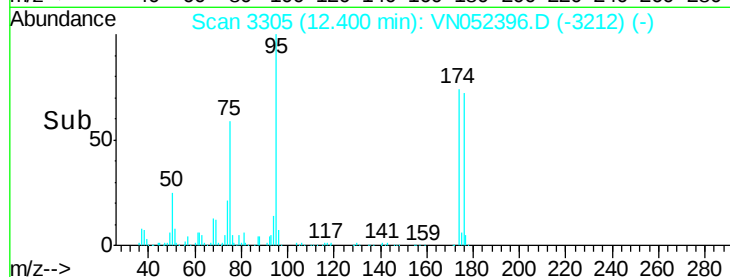
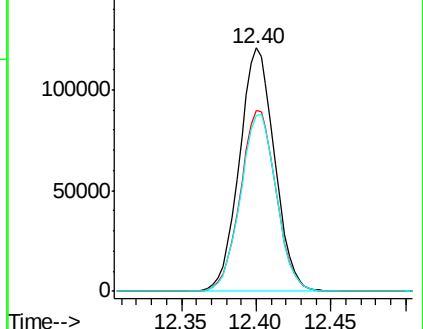
176 73.9 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052396.D

Acq: 19 Nov 2018 20:13

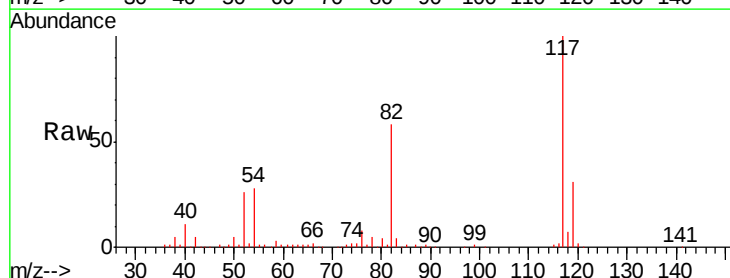
Tgt Ion: 117 Resp: 441694

Ion Ratio Lower Upper

117 100

82 57.6 46.5 69.7

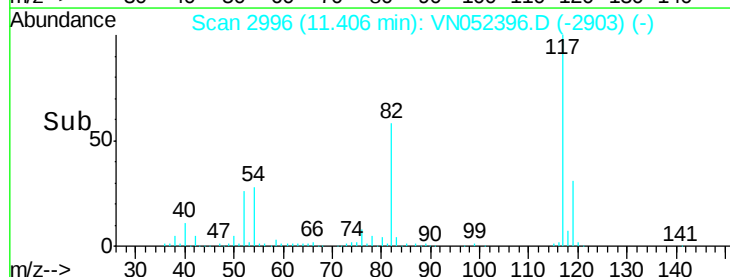
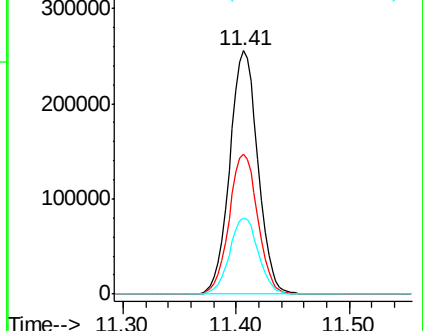
119 31.4 25.7 38.5

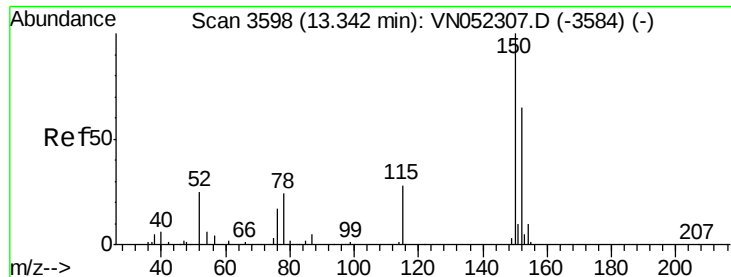


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052396.D

Acq: 19 Nov 2018 20:13

Instrument :

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LR-RBR-200036

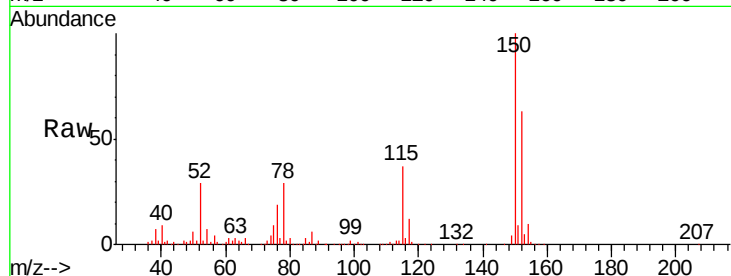
Tgt Ion:152 Resp: 165583

Ion Ratio Lower Upper

152 100

115 60.1 30.3 91.0

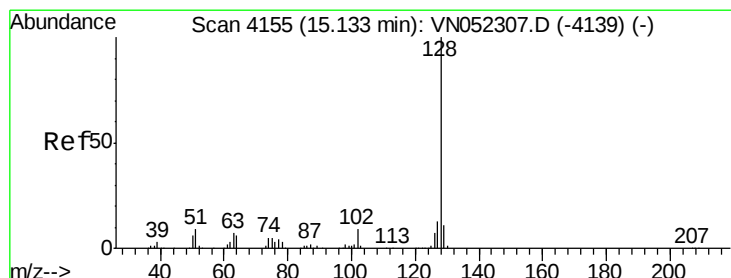
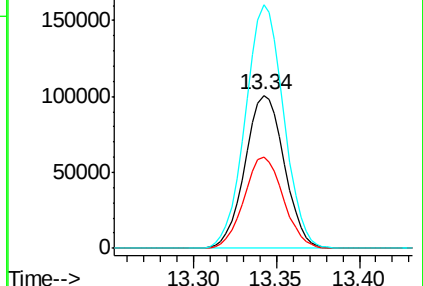
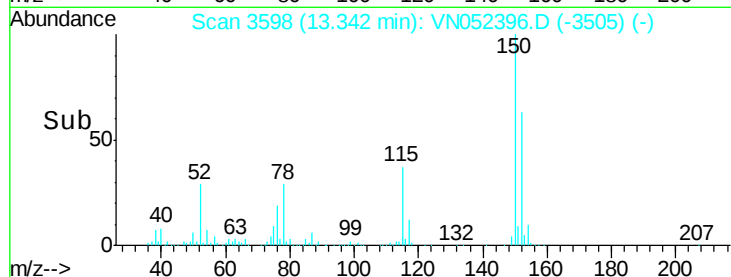
150 155.4 0.0 348.2



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



#95

Naphthalene

Concen: 4.26 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052396.D

Acq: 19 Nov 2018 20:13

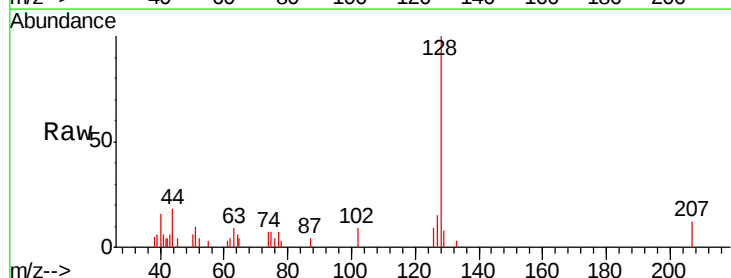
Tgt Ion:128 Resp: 10266

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 5.1 8.6 13.0#



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

