

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052438.D
 Acq On : 21 Nov 2018 15:11
 Operator : MD\SY
 Sample : J5772-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 28

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

Quant Time: Nov 22 00:54:41 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

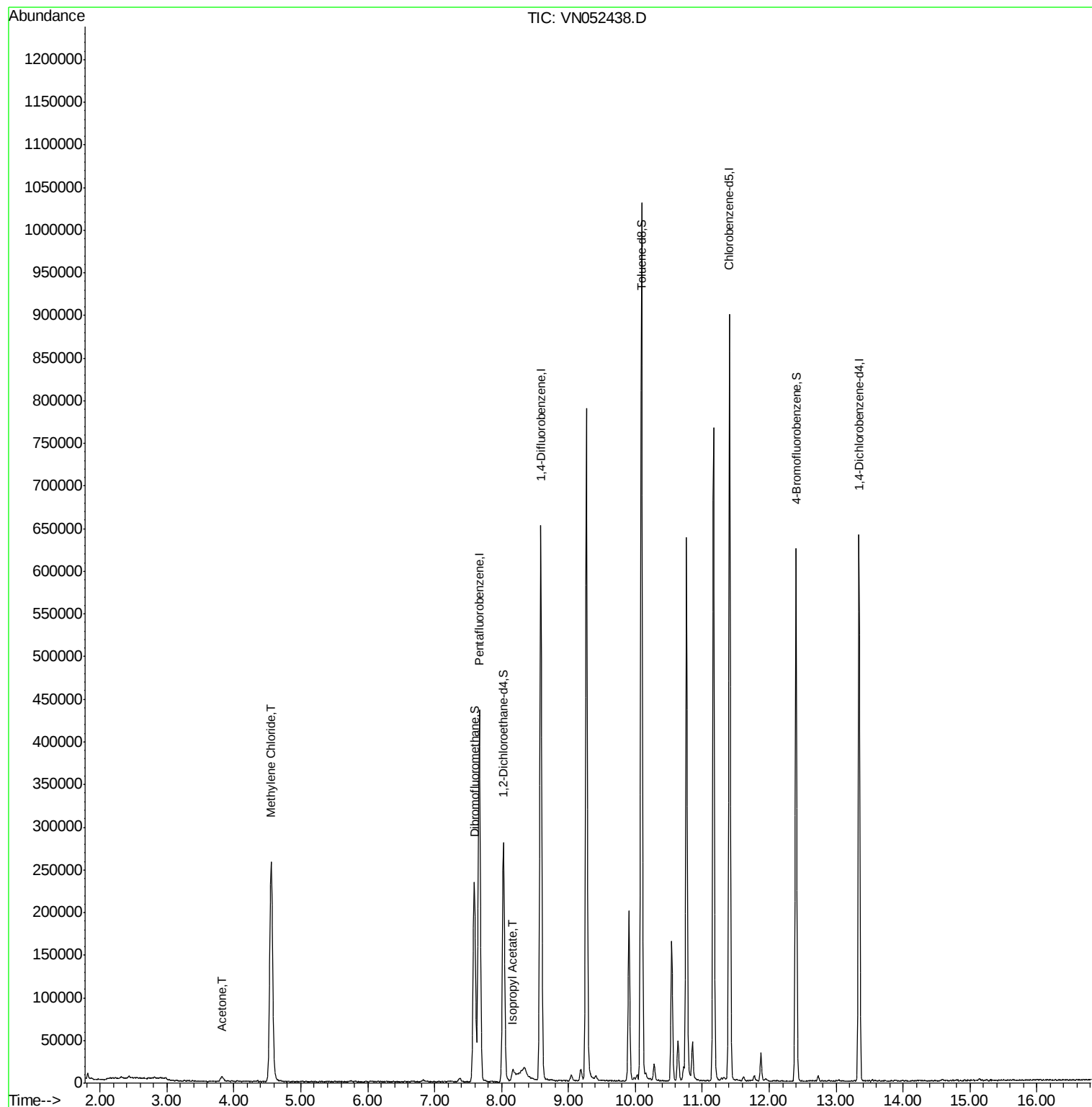
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	308780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	520906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	236114	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	7.59	113	171162	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.09	98	671306	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	194292	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
16) Acetone	3.82	43	10914	9.09	ug/l	91
20) Methylene Chloride	4.55	84	168646	46.11	ug/l	98
43) Isopropyl Acetate	8.17	43	20972	2.87	ug/l #	91

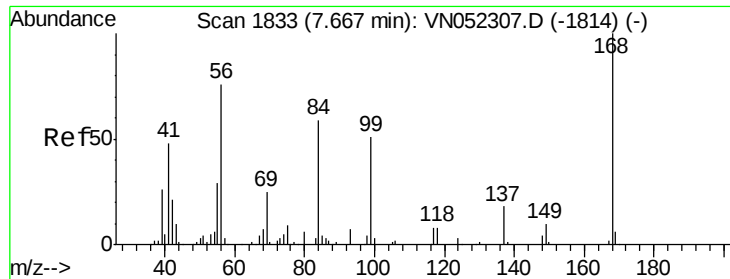
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052438.D

Acq: 21 Nov 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

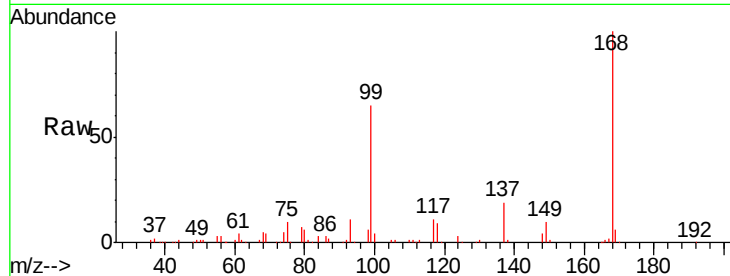
PL-01-112018-A

Tgt Ion:168 Resp: 308780

Ion Ratio Lower Upper

168 100

99 65.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

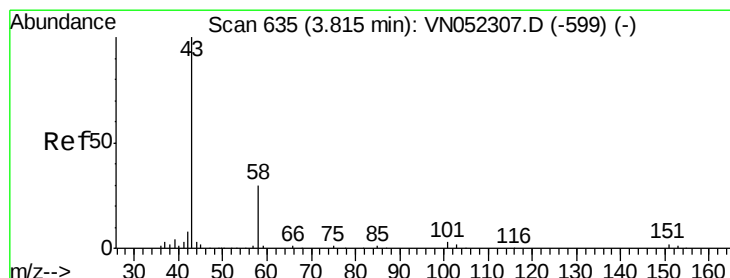
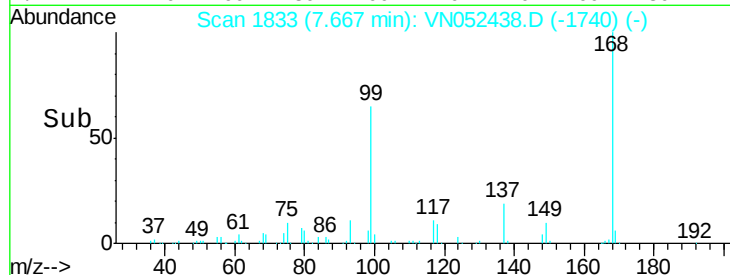
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.09 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052438.D

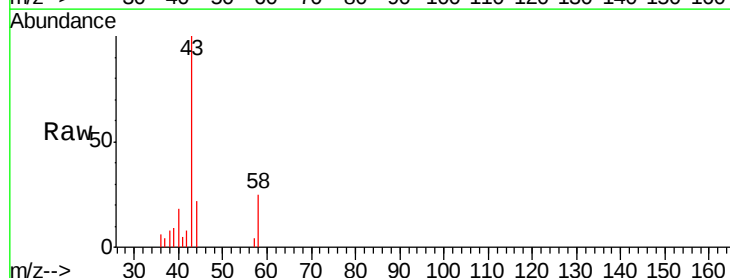
Acq: 21 Nov 2018 15:11

Tgt Ion: 43 Resp: 10914

Ion Ratio Lower Upper

43 100

58 25.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

4000

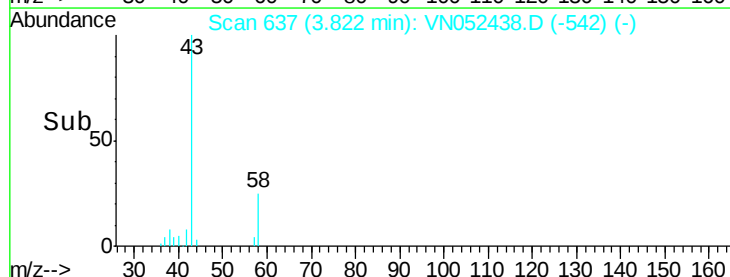
3000

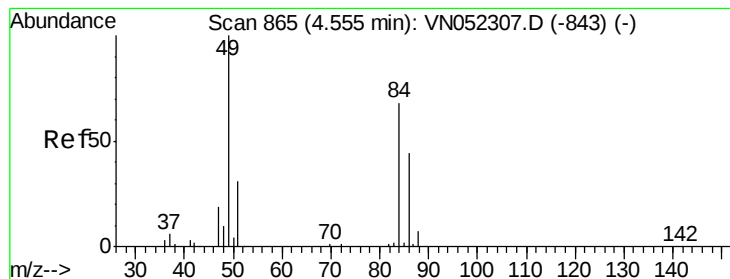
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 46.11 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052438.D

Acq: 21 Nov 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

PL-01-112018-A

Tgt Ion: 84 Resp: 168646

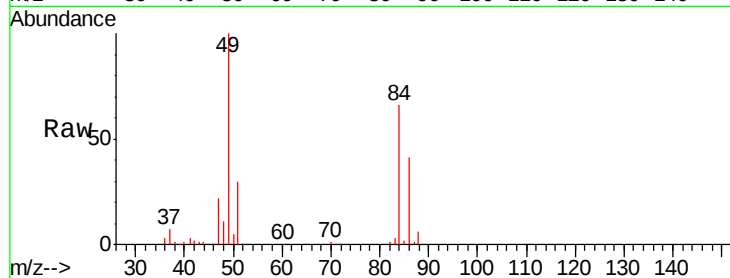
Ion Ratio Lower Upper

84 100

49 150.9 118.2 177.2

51 44.9 36.1 54.1

86 62.1 51.6 77.4

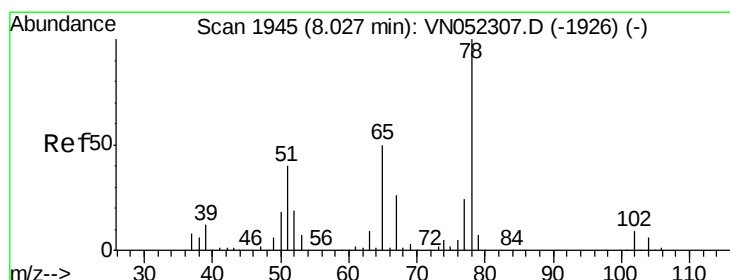
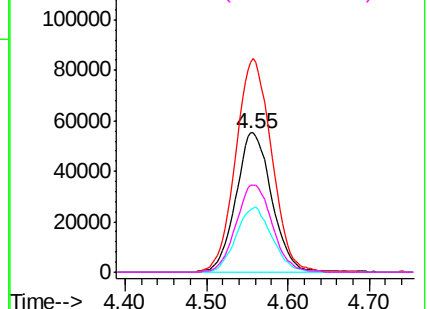
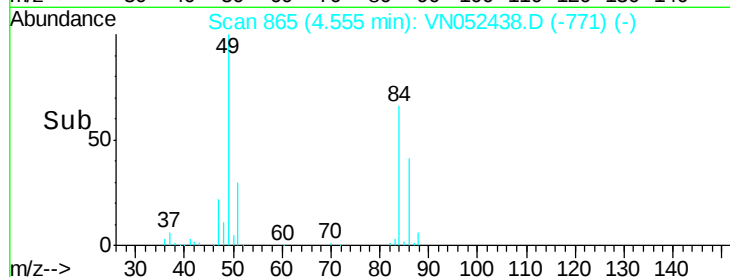


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052438.D

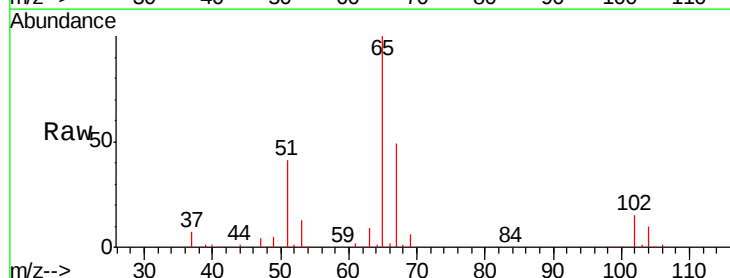
Acq: 21 Nov 2018 15:11

Tgt Ion: 65 Resp: 236114

Ion Ratio Lower Upper

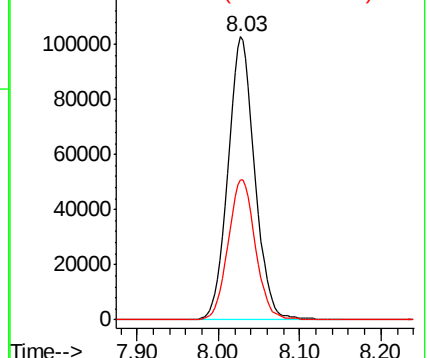
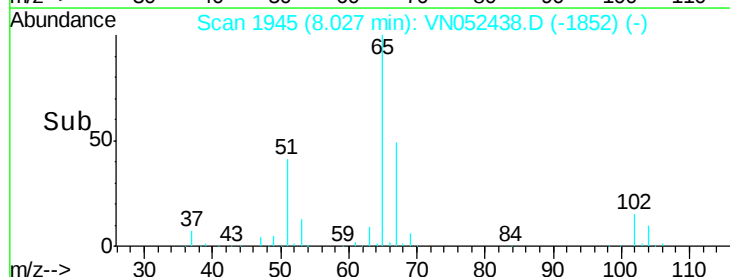
65 100

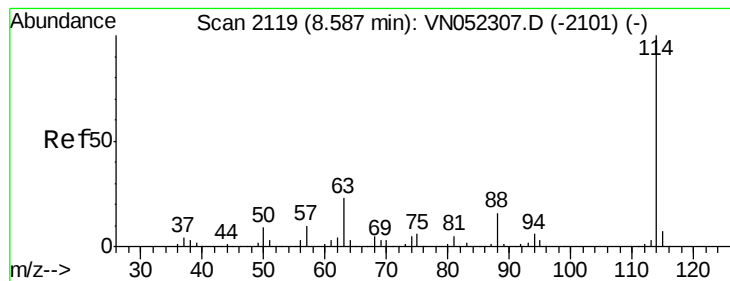
67 50.6 0.0 105.2



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: VN052438.D

Acq: 21 Nov 2018 15:11

Instrument :

MSVOA_N

ClientSampleId :

PL-01-112018-A

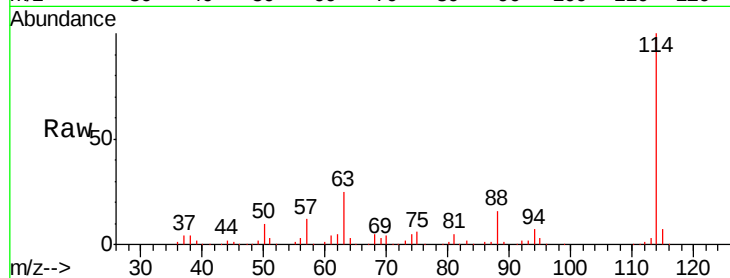
Tgt Ion:114 Resp: 520906

Ion Ratio Lower Upper

114 100

63 25.1 0.0 45.4

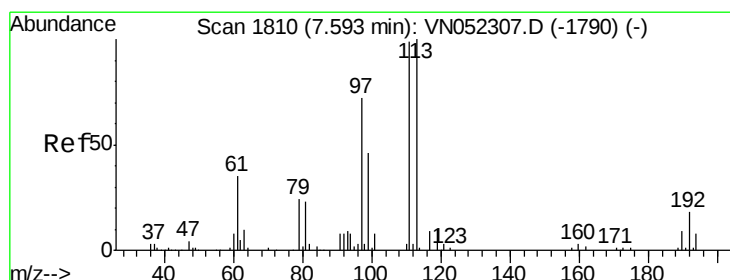
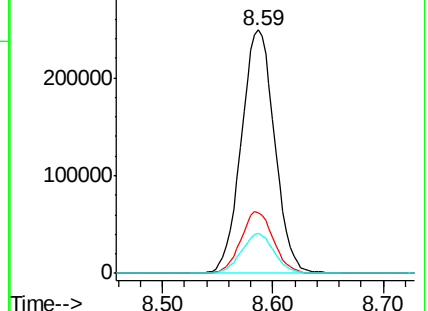
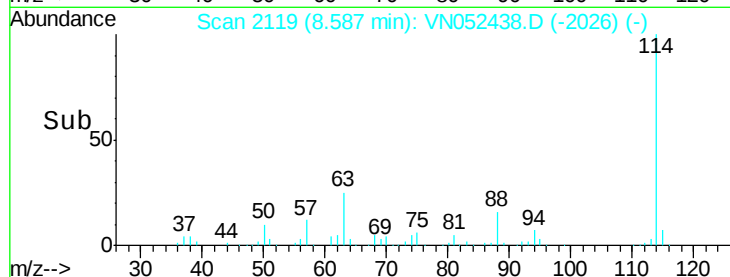
88 16.3 0.0 31.2



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: VN052438.D

Acq: 21 Nov 2018 15:11

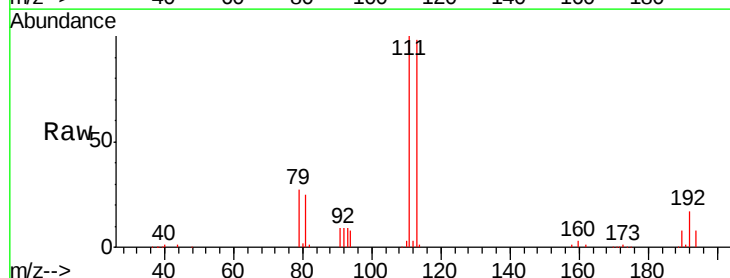
Tgt Ion:113 Resp: 171162

Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.6

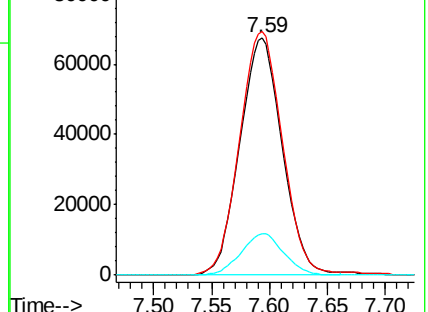
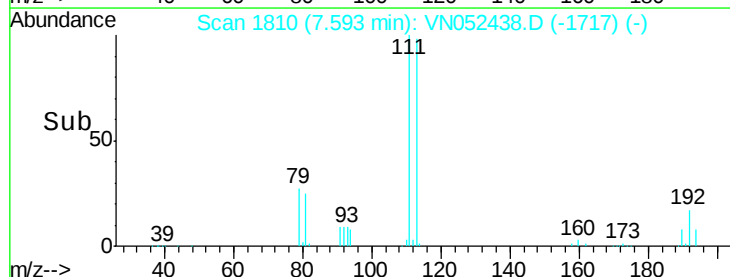
192 17.4 13.8 20.6

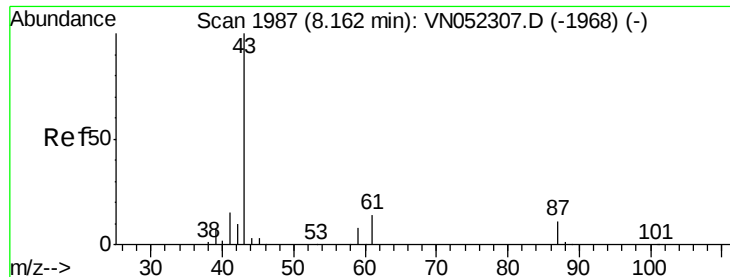


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.87 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052438.D

Acq: 21 Nov 2018 15:11

Instrument :

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PL-01-112018-A

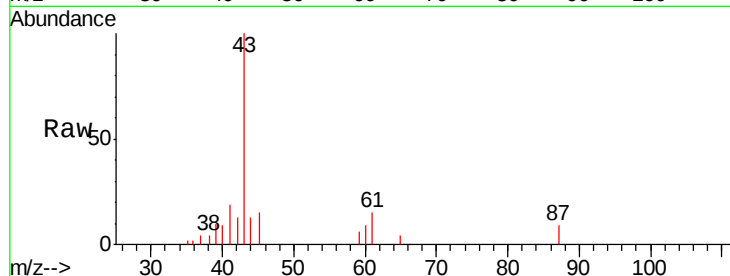
Tgt Ion: 43 Resp: 20972

Ion Ratio Lower Upper

43 100

61 11.5 12.0 18.0#

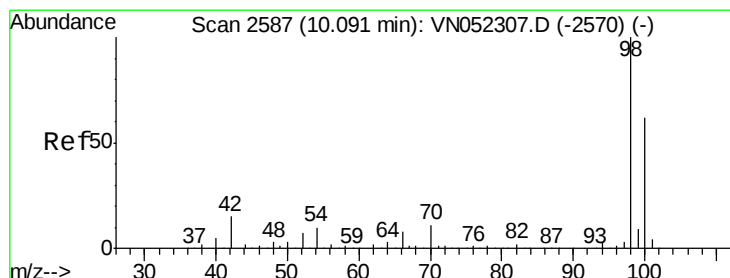
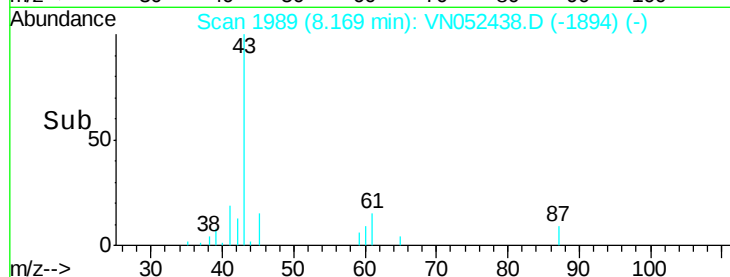
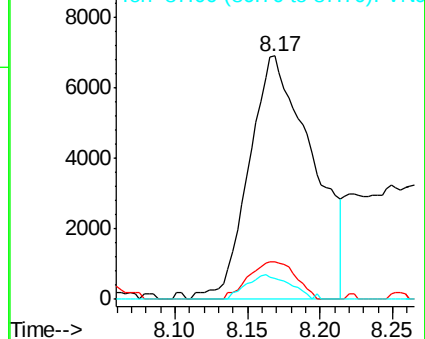
87 7.0 8.3 12.5#



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: VN052438.D

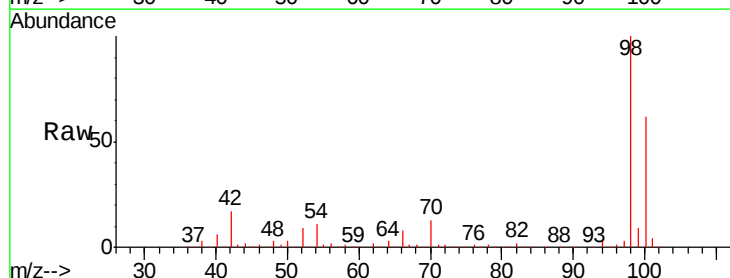
Acq: 21 Nov 2018 15:11

Tgt Ion: 98 Resp: 671306

Ion Ratio Lower Upper

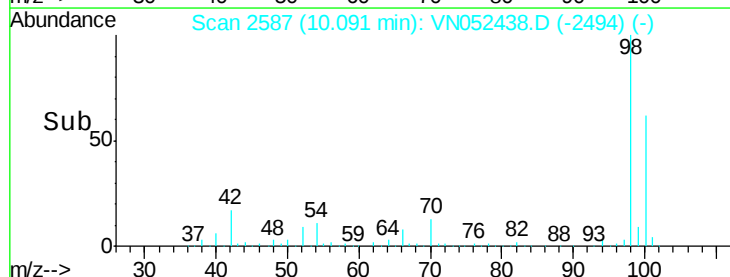
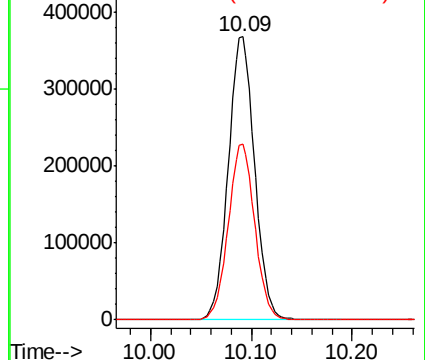
98 100

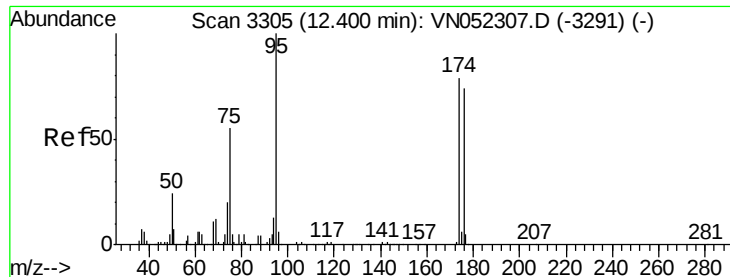
100 62.1 49.5 74.3



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: VN052438.D

Acq: 21 Nov 2018 15:11

Instrument :

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ClientSampleId :

PL-01-112018-A

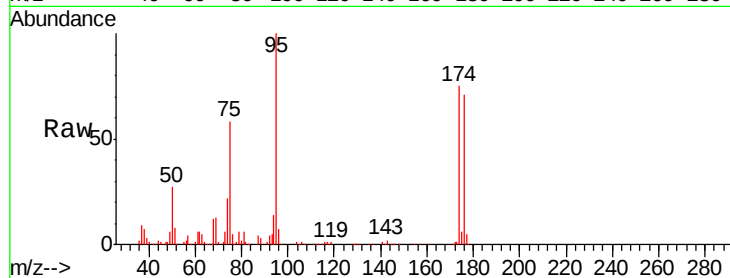
Tgt Ion: 95 Resp: 194292

Ion Ratio Lower Upper

95 100

174 74.6 0.0 156.0

176 71.3 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

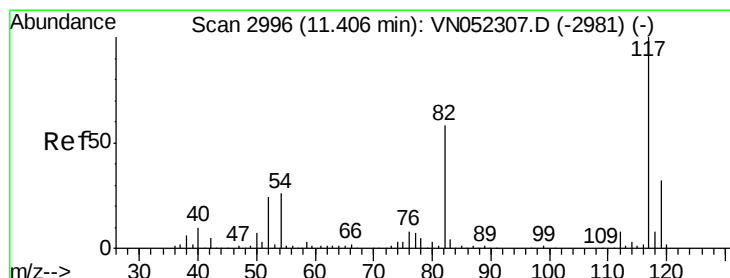
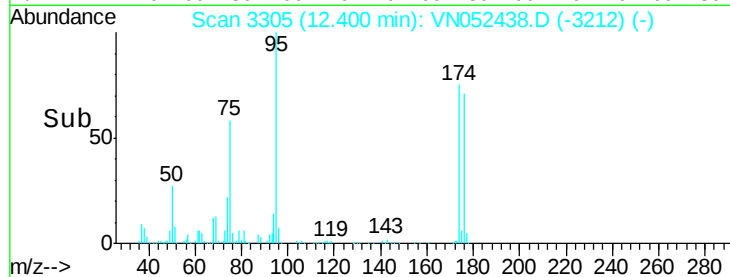
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052438.D

Acq: 21 Nov 2018 15:11

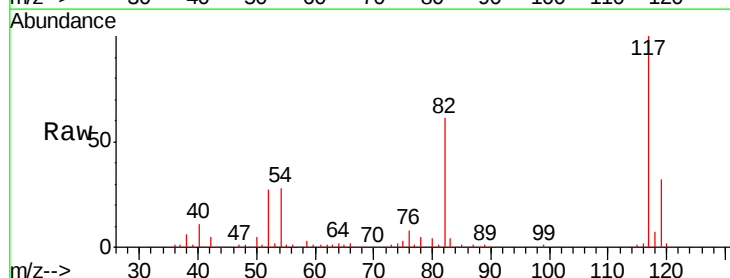
Tgt Ion: 117 Resp: 444166

Ion Ratio Lower Upper

117 100

82 60.6 46.5 69.7

119 31.8 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

11.41

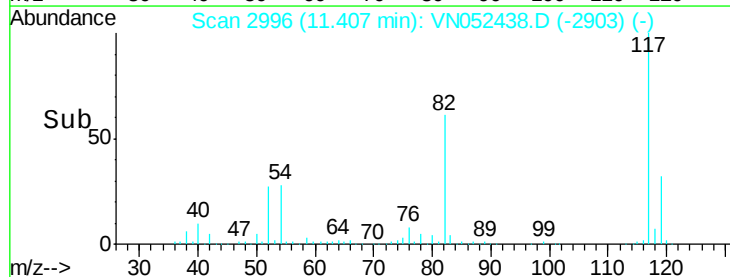
300000

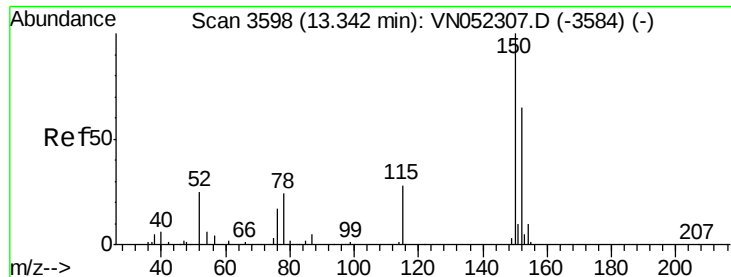
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

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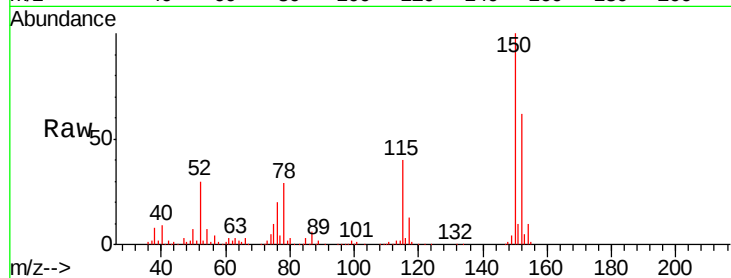
Tgt Ion:152 Resp: 147590

Ion Ratio Lower Upper

152 100

115 62.7 30.3 91.0

150 157.9 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

