

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052418.D
 Acq On : 20 Nov 2018 19:59
 Operator : MD\SY
 Sample : J5775-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-111918

Quant Time: Nov 21 00:36:08 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

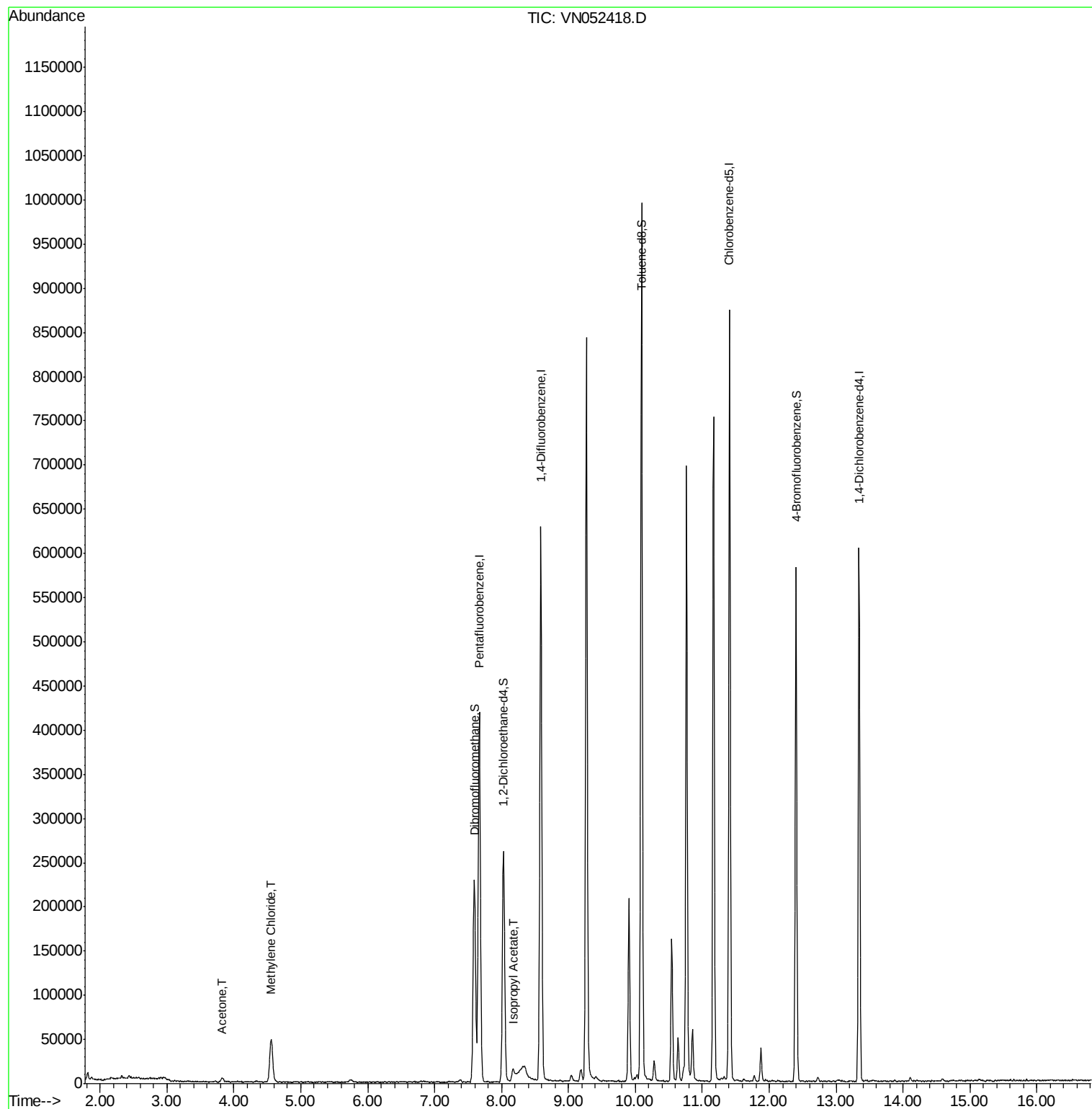
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	302503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	506710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	430495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	224726	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.59	113	168450	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.09	98	643310	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.40	95	184892	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
16) Acetone	3.82	43	8721	7.41	ug/l	91
20) Methylene Chloride	4.56	84	32568	8.52	ug/l	97
43) Isopropyl Acetate	8.17	43	17746	2.50	ug/l #	95

(#) = 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: VN052418.D

Acq: 20 Nov 2018 19:59

Instrument :

MSVOA_N

ClientSampled :

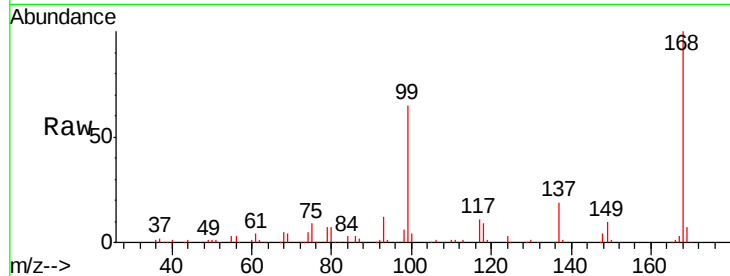
TR-05-111918

Tgt Ion:168 Resp: 302503

Ion Ratio Lower Upper

168 100

99 65.0 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

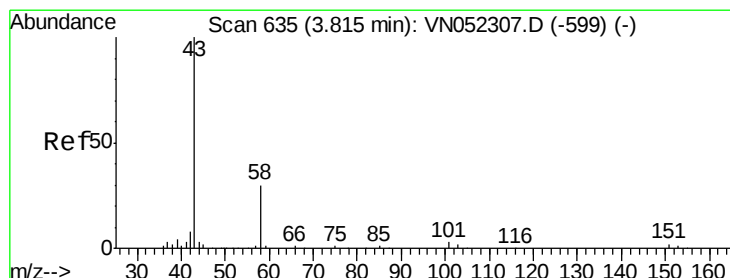
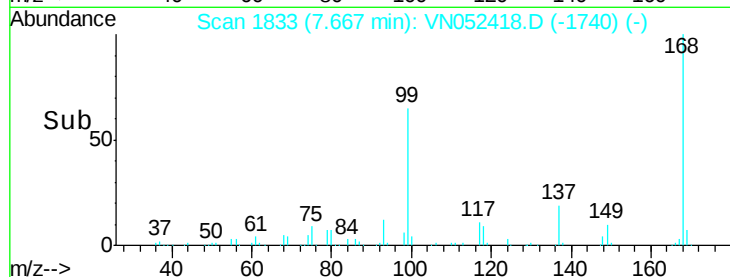
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 7.41 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052418.D

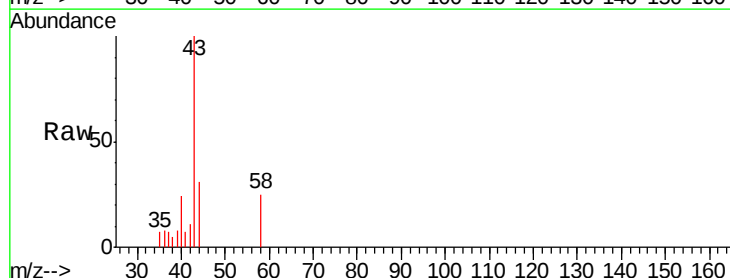
Acq: 20 Nov 2018 19:59

Tgt Ion: 43 Resp: 8721

Ion Ratio Lower Upper

43 100

58 25.4 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

3000

2500

2000

1500

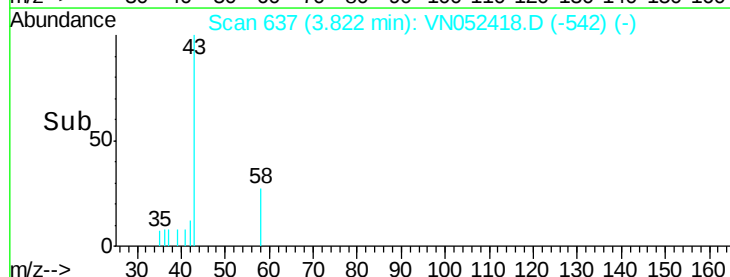
1000

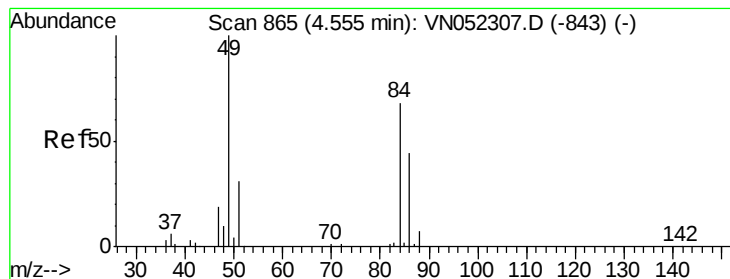
500

0

Time-->

3.70 3.80 3.90





#20

Methylene Chloride

Concen: 8.52 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052418.D

Acq: 20 Nov 2018 19:59

Instrument :

MSVOA_N

ClientSampleId :

TR-05-111918

Tgt Ion: 84 Resp: 32568

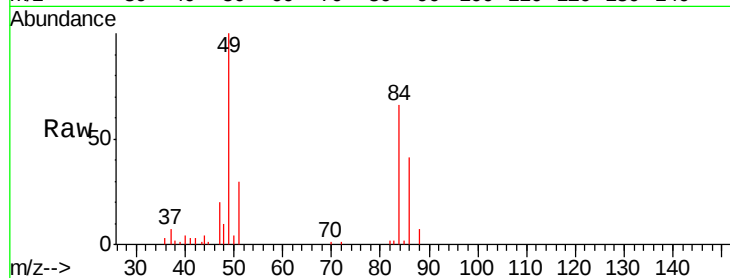
Ion Ratio Lower Upper

84 100

49 151.7 118.2 177.2

51 45.1 36.1 54.1

86 62.4 51.6 77.4

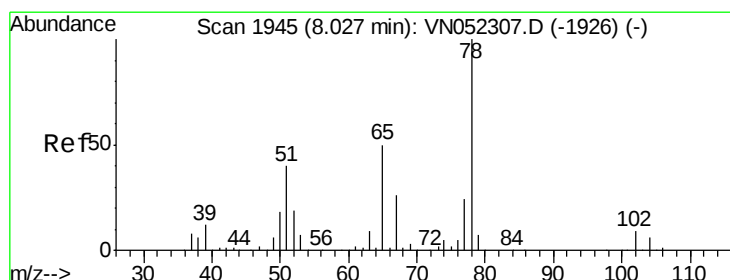
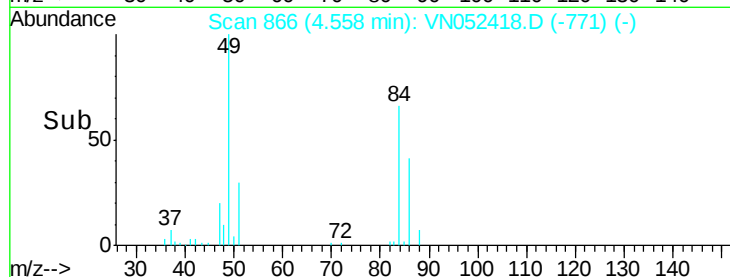
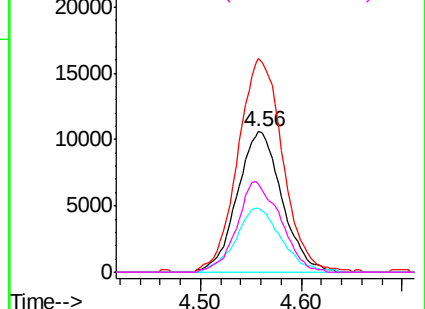


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052418.D

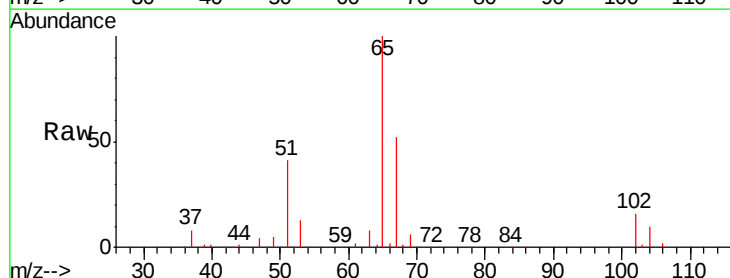
Acq: 20 Nov 2018 19:59

Tgt Ion: 65 Resp: 224726

Ion Ratio Lower Upper

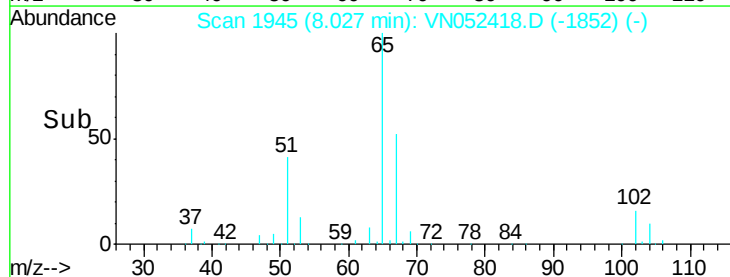
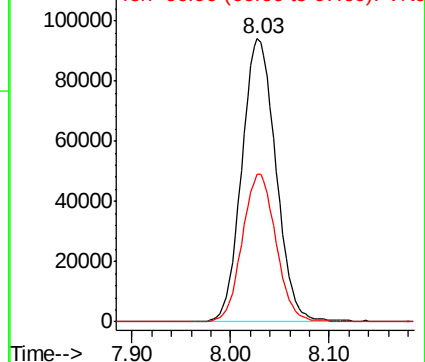
65 100

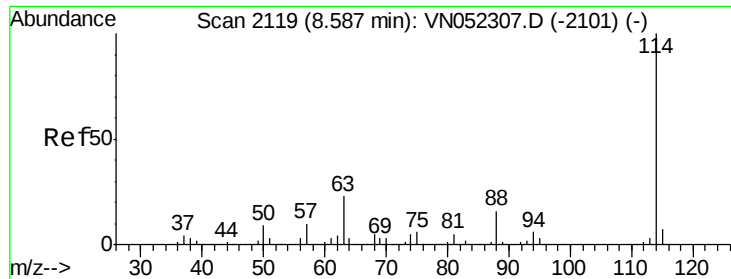
67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

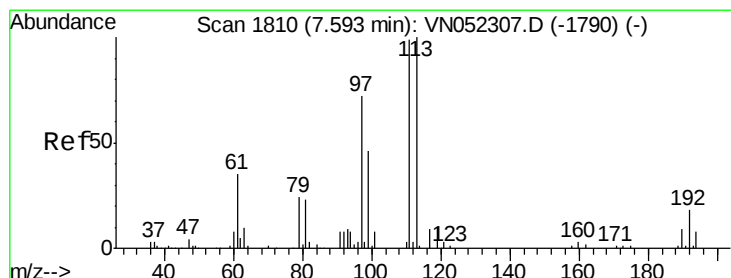
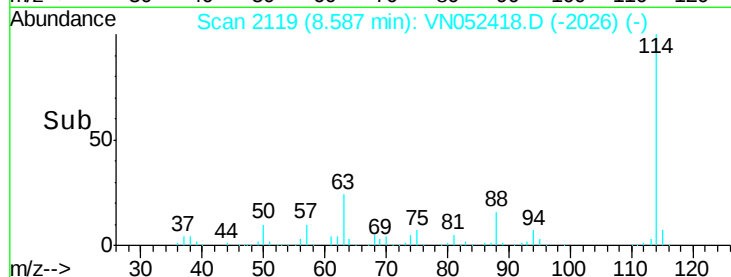
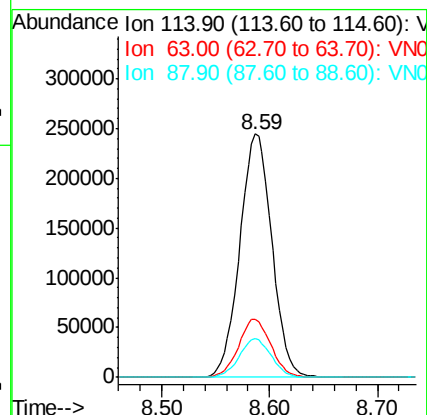
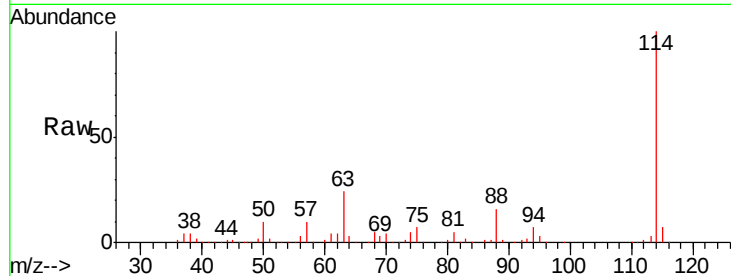




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052418.D
 Acq: 20 Nov 2018 19:59

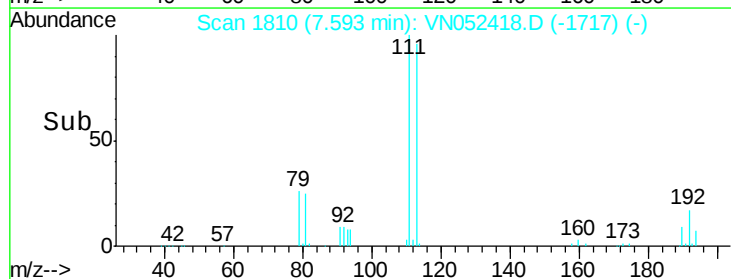
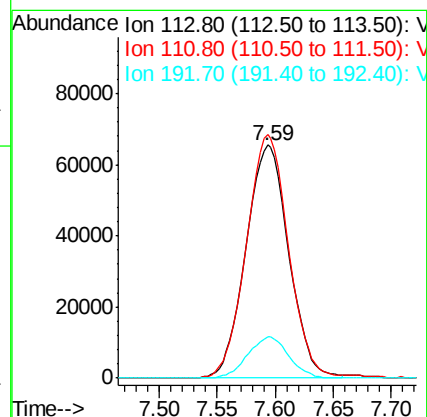
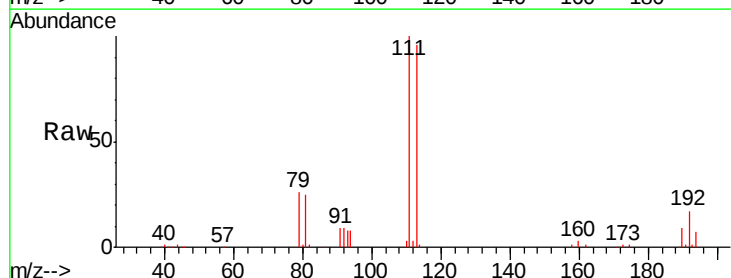
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-111918

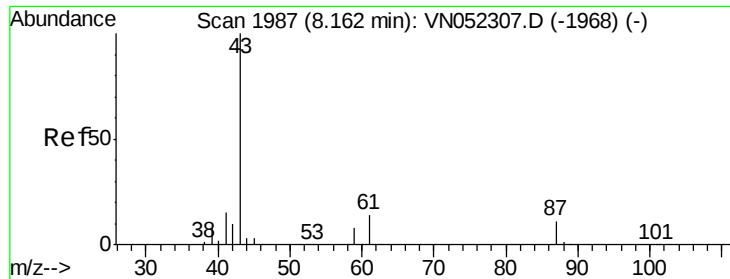
Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	45.4
88	15.8	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052418.D
 Acq: 20 Nov 2018 19:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.6
192	16.9	13.8	20.6





#43

Isopropyl Acetate

Concen: 2.50 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052418.D

Acq: 20 Nov 2018 19:59

Instrument :

MSVOA_N

ClientSampleId :

TR-05-111918

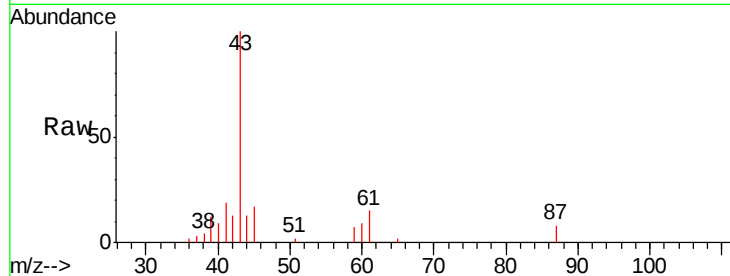
Tgt Ion: 43 Resp: 17746

Ion Ratio Lower Upper

43 100

61 13.8 12.0 18.0

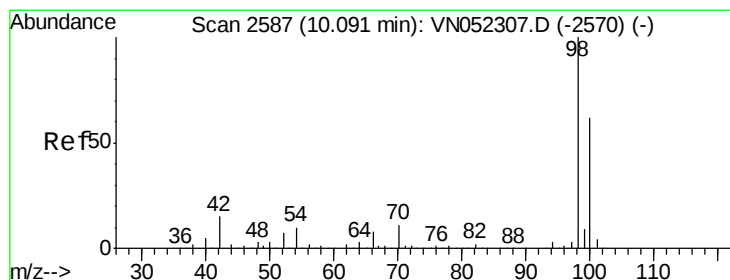
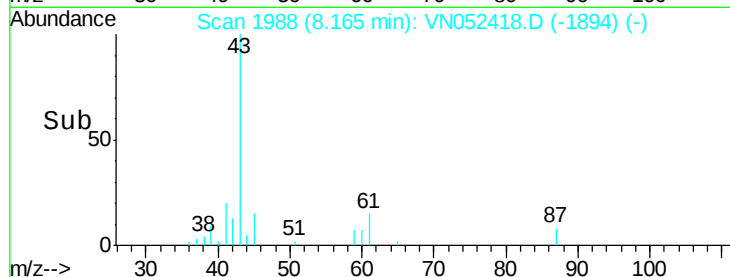
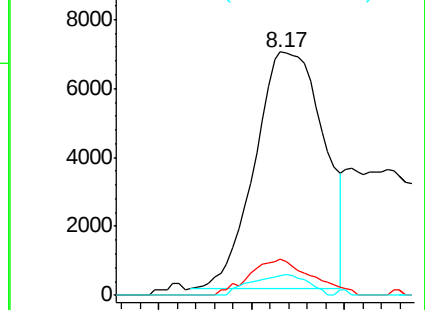
87 7.2 8.3 12.5#



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: VN052418.D

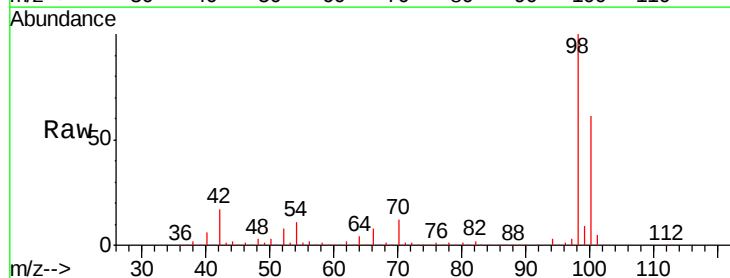
Acq: 20 Nov 2018 19:59

Tgt Ion: 98 Resp: 643310

Ion Ratio Lower Upper

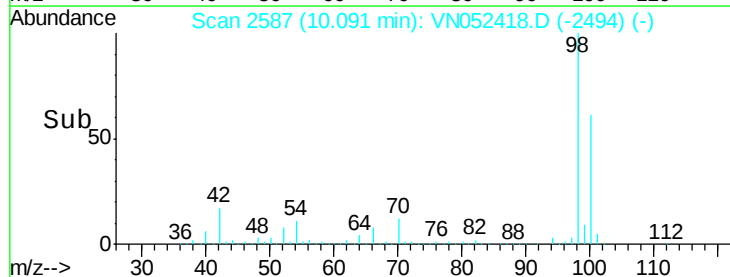
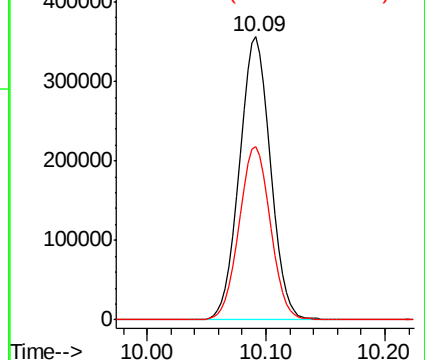
98 100

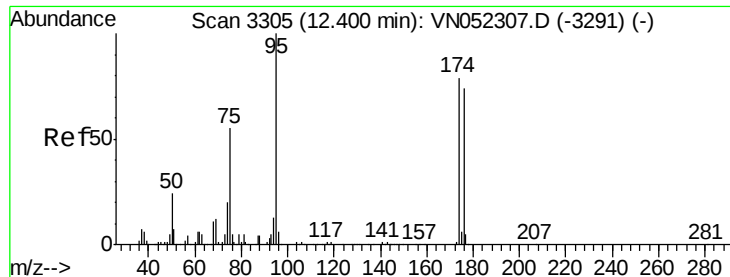
100 61.9 49.5 74.3



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: VN052418.D

Acq: 20 Nov 2018 19:59

Instrument :

MSVOA_N

ClientSampled :

TR-05-111918

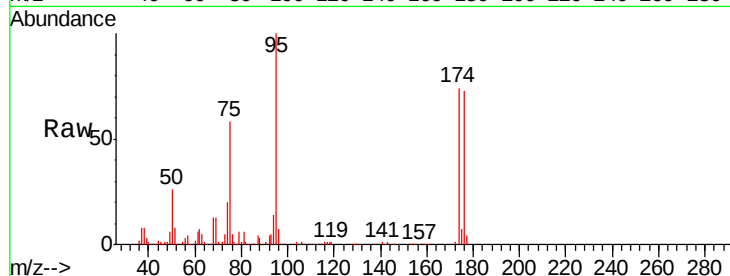
Tgt Ion: 95 Resp: 184892

Ion Ratio Lower Upper

95 100

174 74.5 0.0 156.0

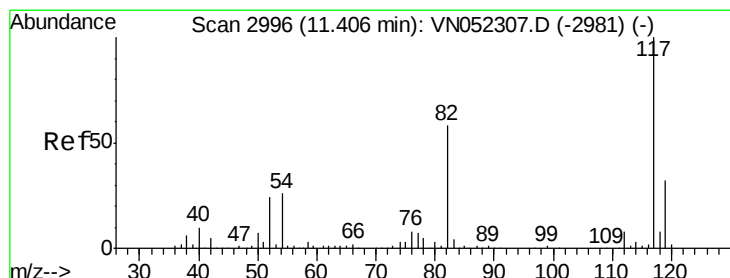
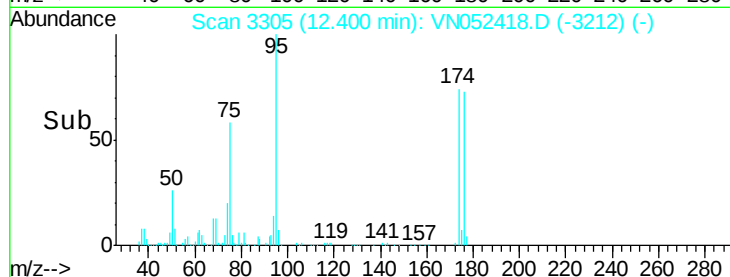
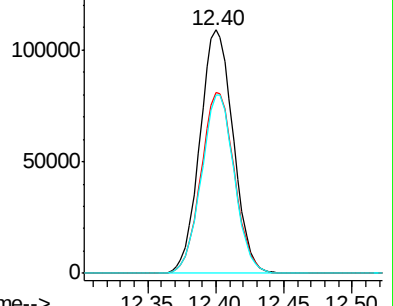
176 72.2 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052418.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052418.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052418.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052418.D

Acq: 20 Nov 2018 19:59

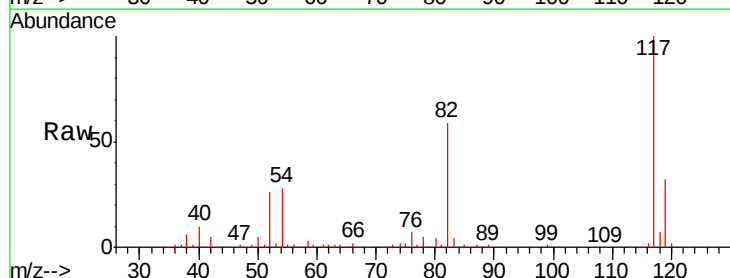
Tgt Ion: 117 Resp: 430495

Ion Ratio Lower Upper

117 100

82 59.2 46.5 69.7

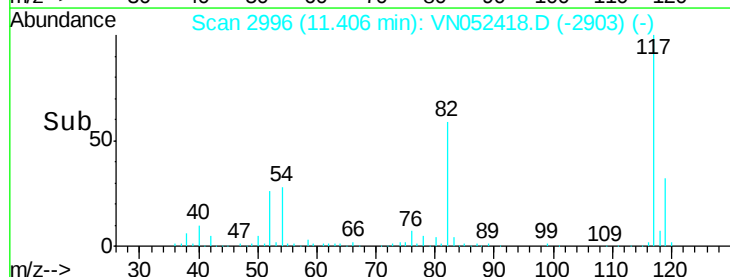
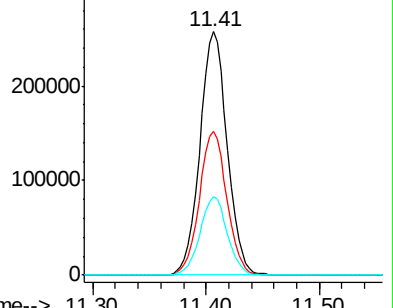
119 32.2 25.7 38.5

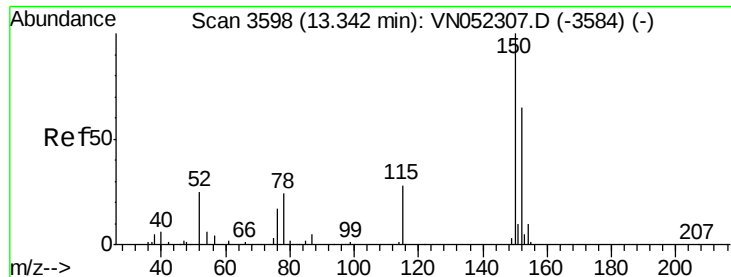


Abundance Ion 116.90 (116.60 to 117.60): VN052418.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052418.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052418.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052418.D

Acq: 20 Nov 2018 19:59

Instrument :

MSVOA_N

ClientSampleId :

TR-05-111918

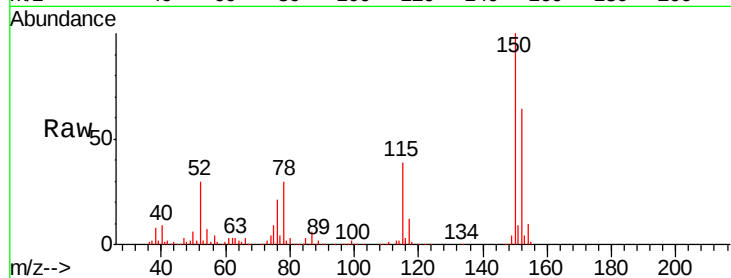
Tgt Ion:152 Resp: 142314

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 156.5 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

