

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050603.D
 Acq On : 14 Aug 2018 15:36
 Operator : MD\SY
 Sample : PB112004TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112004TB

Quant Time: Aug 15 11:30:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

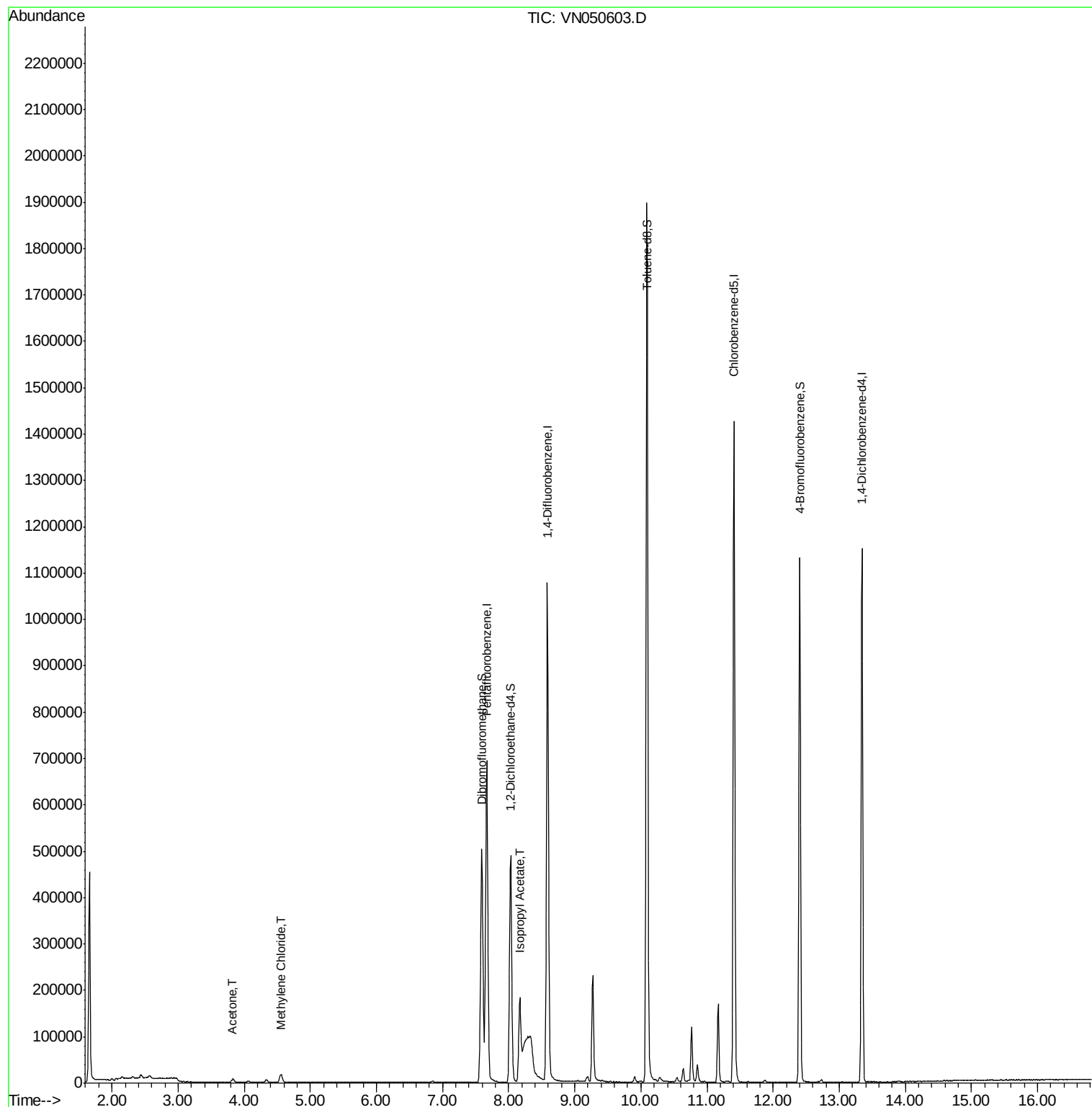
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	597481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1007502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415374	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	7.59	113	387084	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.09	98	1367895	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
62) 4-Bromofluorobenzene	12.40	95	389517	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.90%	
Target Compounds						
16) Acetone	3.82	43	13128	5.56	ug/l	91
20) Methylene Chloride	4.55	84	13666	0.65	ug/l	92
43) Isopropyl Acetate	8.17	43	225572	19.52	ug/l	98

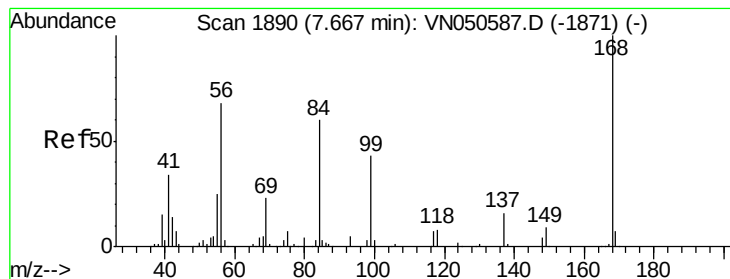
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050603.D

Acq: 14 Aug 2018 15:36

Instrument :

MSVOA_N

ClientSampled :

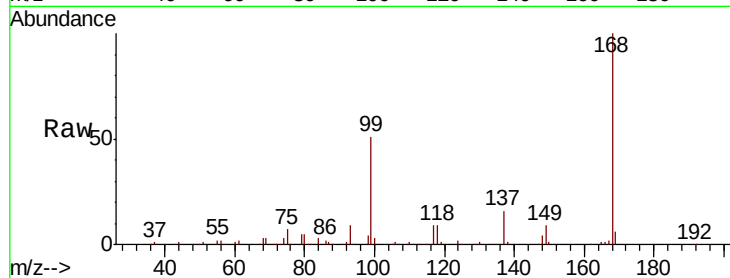
PB112004TB

Tot Ion:168 Resp: 597481

Ion Ratio Lower Upper

168 100

99 51.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050603.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050603.D (-1797) (-)

7.67

250000

200000

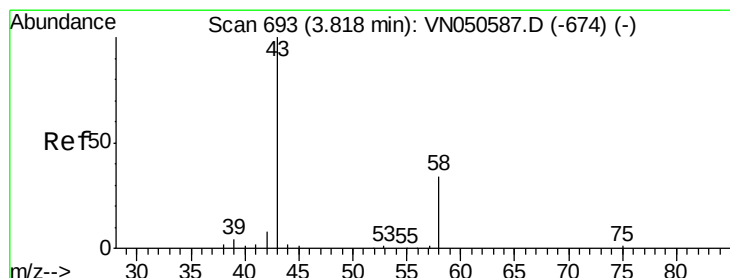
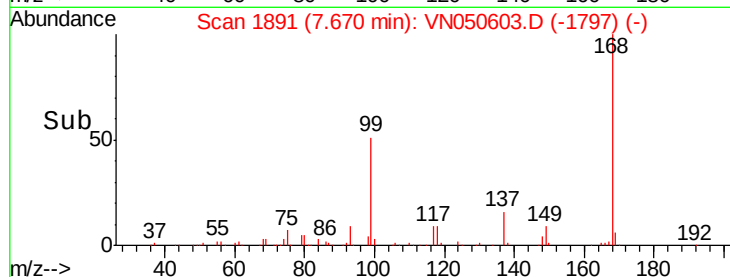
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.56 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050603.D

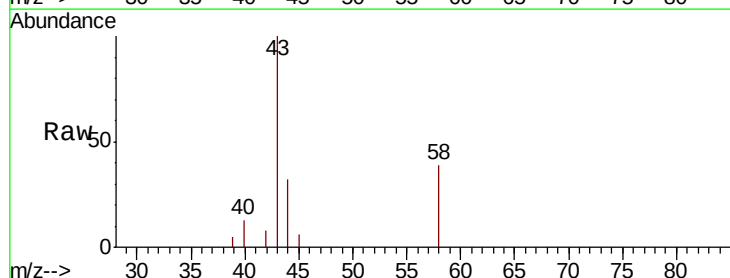
Acq: 14 Aug 2018 15:36

Tgt Ion: 43 Resp: 13128

Ion Ratio Lower Upper

43 100

58 39.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050603.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050603.D (-600) (-)

3.82

5000

4000

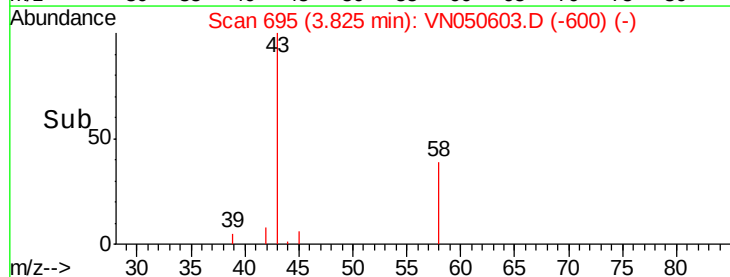
3000

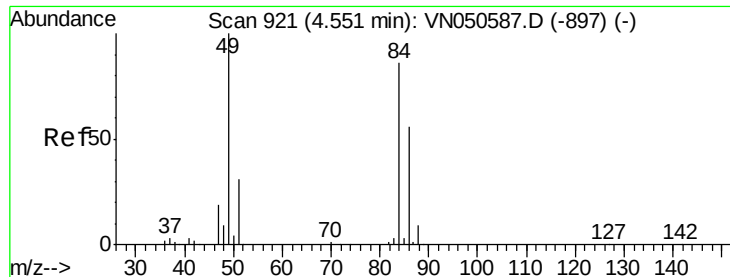
2000

1000

0

Time-->

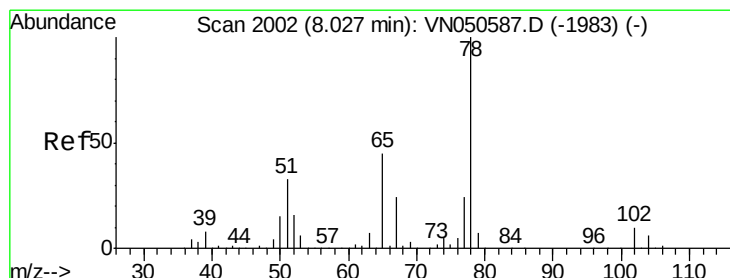
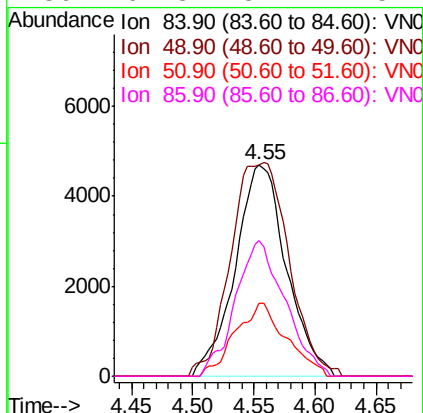
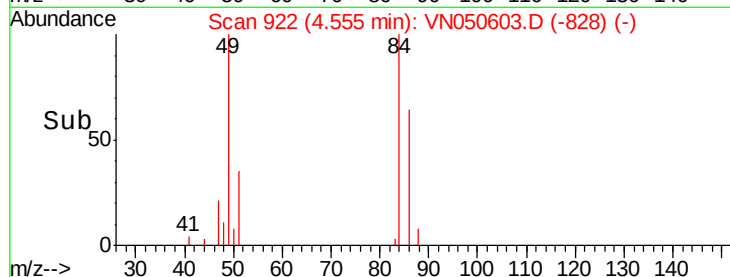
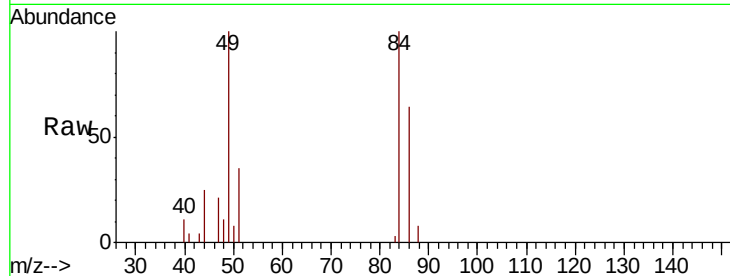




#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

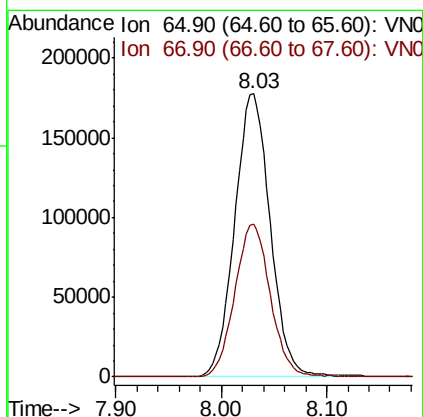
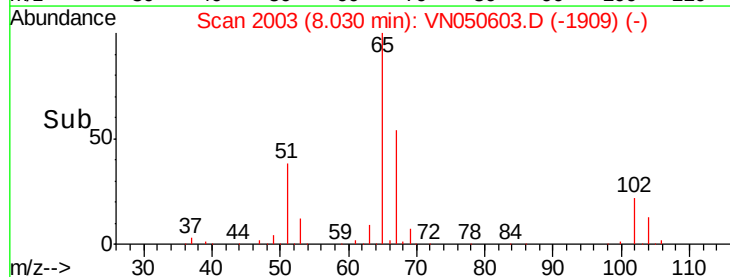
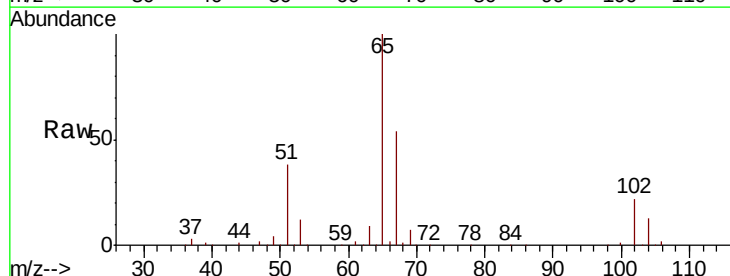
Instrument :
MSVOA_N
ClientSampled :
PB112004TB

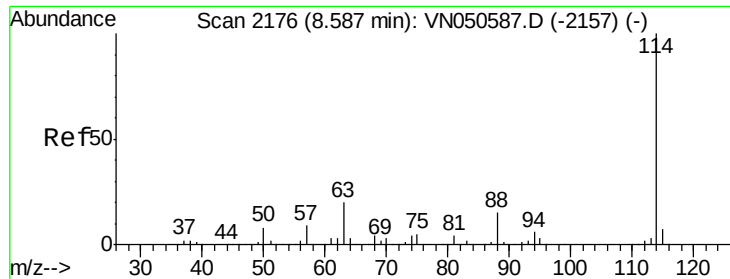
Tot Ion:	84	Resp:	13666
Ion	Ratio	Lower	Upper
84	100		
49	100.2	92.6	138.8
51	34.8	28.6	43.0
86	64.3	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 55.15 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050603.D
Acq: 14 Aug 2018 15:36

Tgt Ion:	65	Resp:	415374
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.8

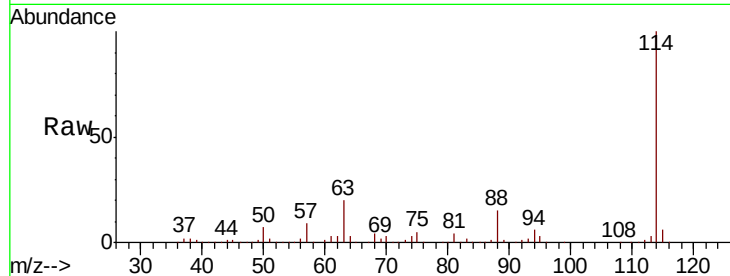




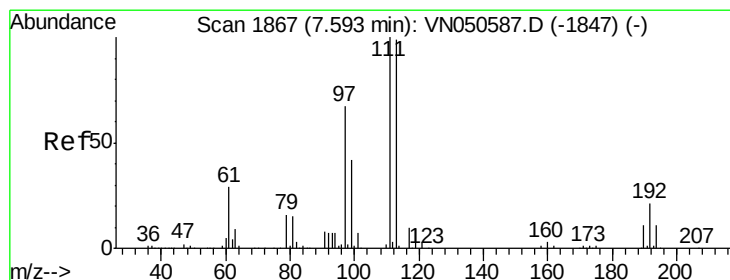
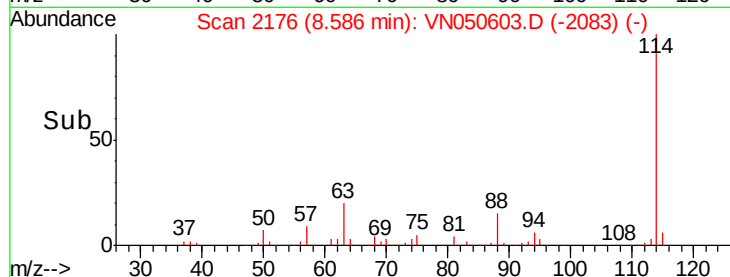
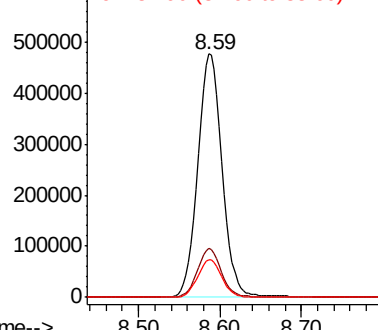
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050603.D
 Acq: 14 Aug 2018 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112004TB

Tot Ion:114 Resp: 1007502
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.5 0.0 30.8

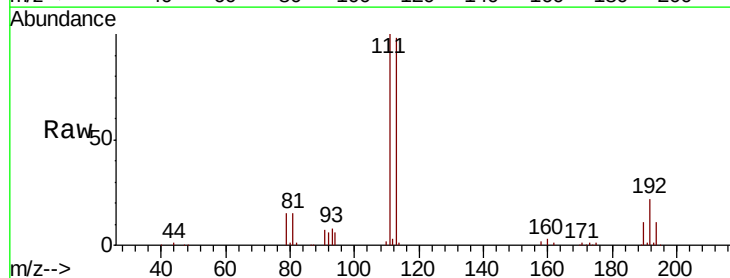


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

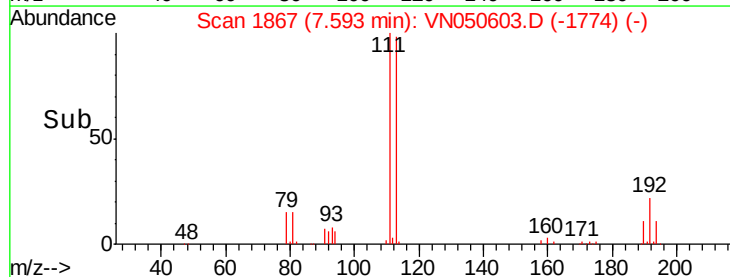
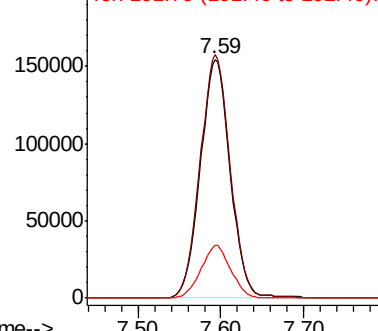


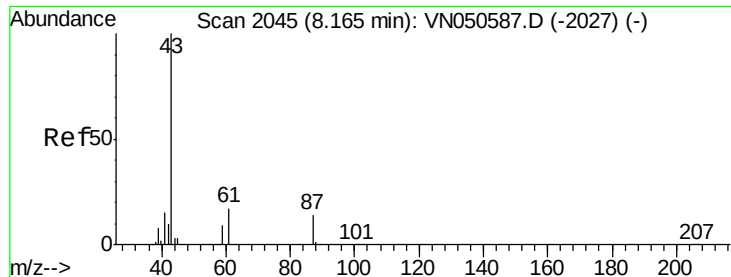
#35
 Dibromofluoromethane
 Concen: 48.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050603.D
 Acq: 14 Aug 2018 15:36

Tgt Ion:113 Resp: 387084
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 22.0 17.6 26.4



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: 19.52 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050603.D

Acq: 14 Aug 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112004TB

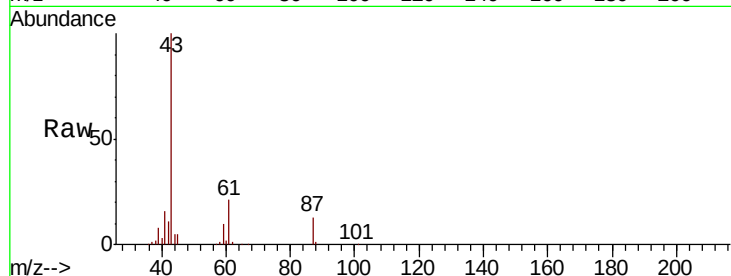
Tot Ion: 43 Resp: 225572

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.2

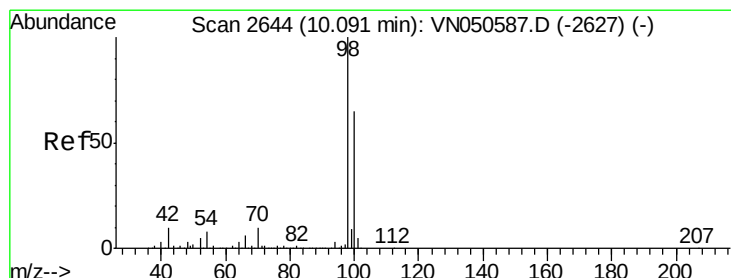
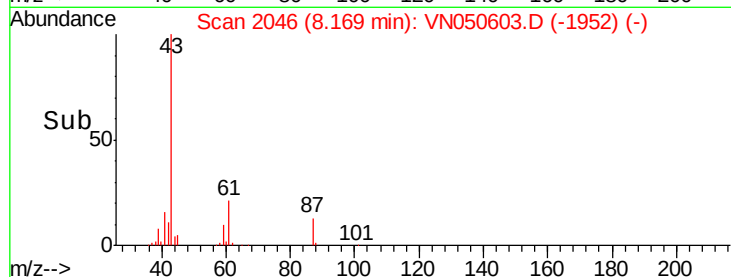
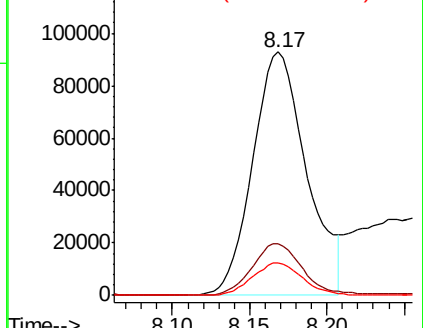
87 12.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.19 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050603.D

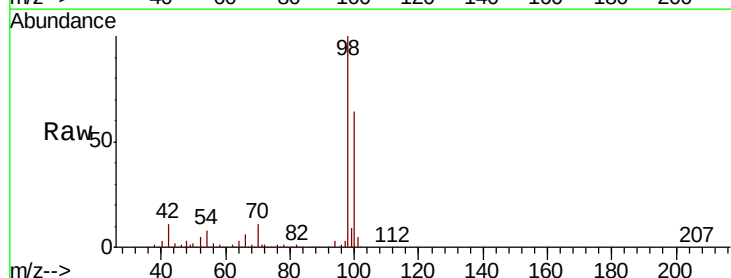
Acq: 14 Aug 2018 15:36

Tgt Ion: 98 Resp: 1367895

Ion Ratio Lower Upper

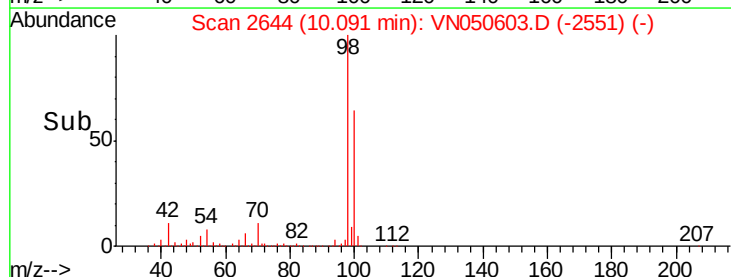
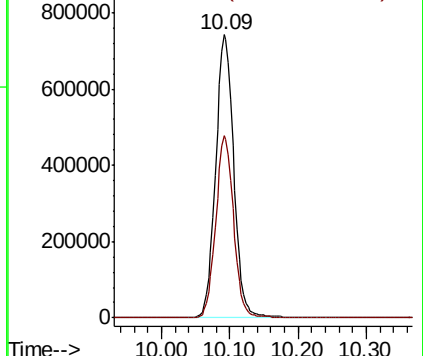
98 100

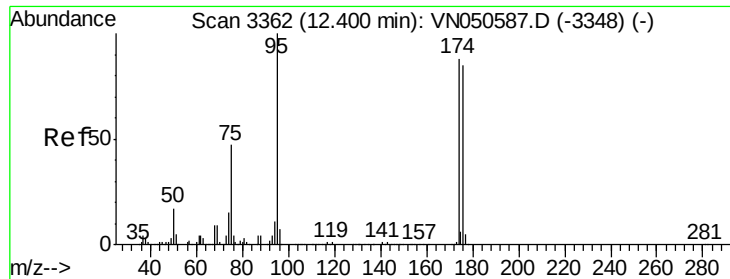
100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 38.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050603.D

Acq: 14 Aug 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112004TB

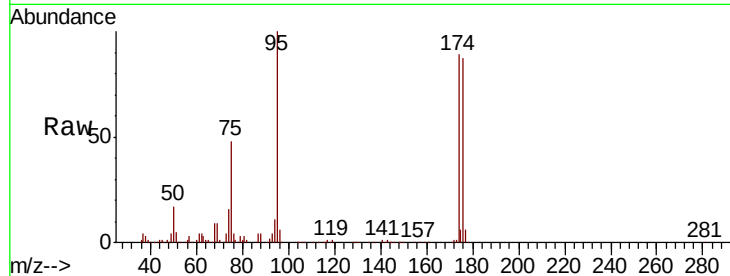
Tot Ion: 95 Resp: 389517

Ion Ratio Lower Upper

95 100

174 90.6 0.0 177.8

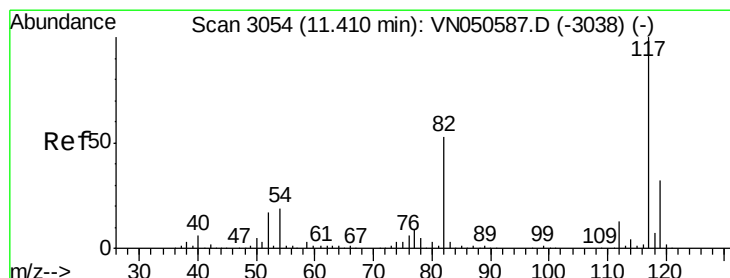
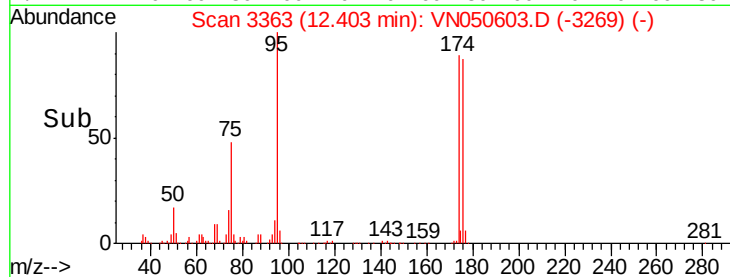
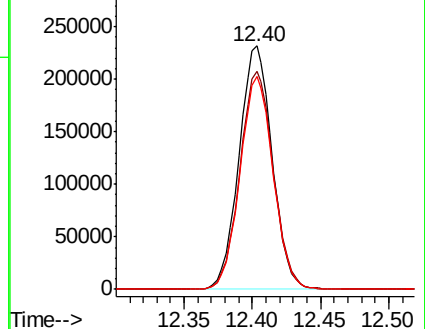
176 87.6 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN050603.D

Acq: 14 Aug 2018 15:36

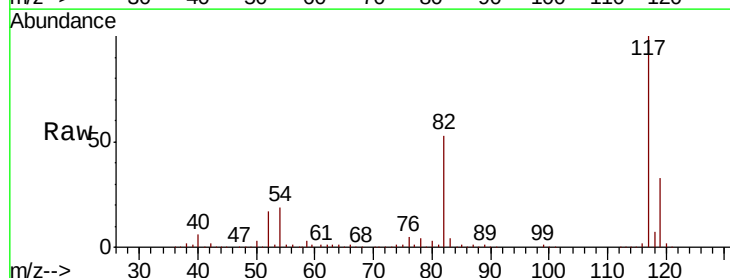
Tgt Ion: 117 Resp: 870412

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

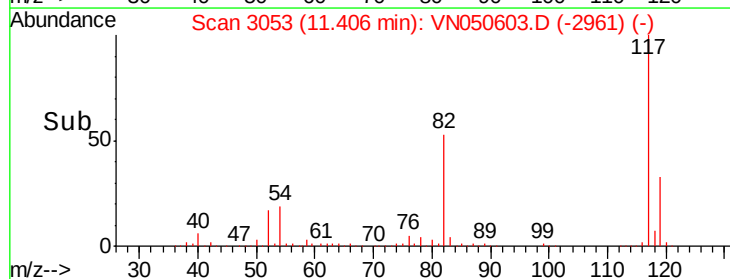
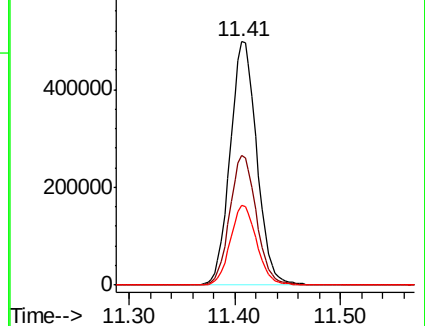
119 32.7 25.8 38.8

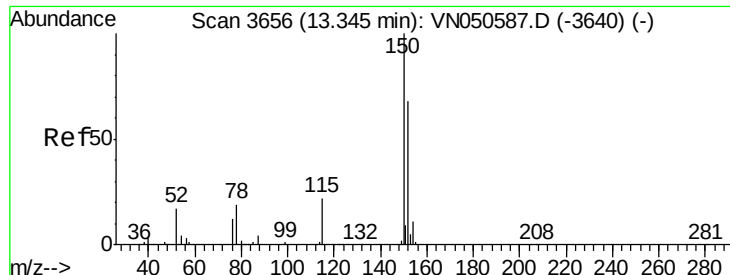


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050603.D

Acq: 14 Aug 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112004TB

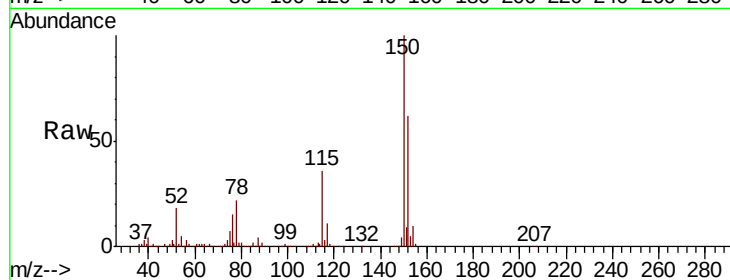
Tot Ion:152 Resp: 324065

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 159.7 0.0 347.8



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

