

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050601.D
 Acq On : 14 Aug 2018 14:46
 Operator : MD\SY
 Sample : PB112007TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112007TB

Quant Time: Aug 15 09:05:27 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

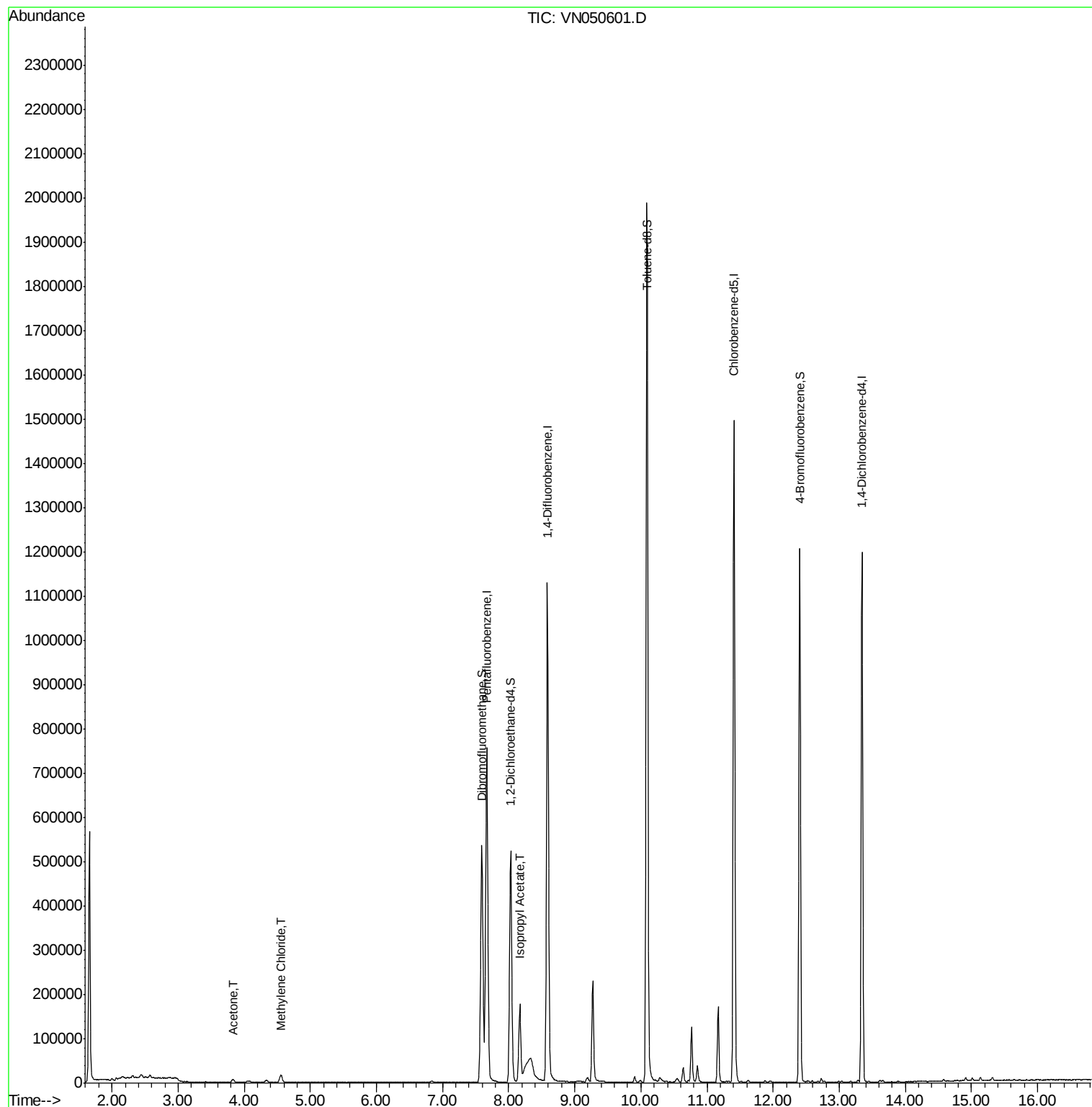
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	653433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1052720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	927852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	436416	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
35) Dibromofluoromethane	7.59	113	411650	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.09	98	1465240	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
62) 4-Bromofluorobenzene	12.40	95	414947	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
Target Compounds						
16) Acetone	3.83	43	12868	4.84	ug/l	92
20) Methylene Chloride	4.55	84	12696	0.36	ug/l	96
43) Isopropyl Acetate	8.17	43	202272	16.76	ug/l	99

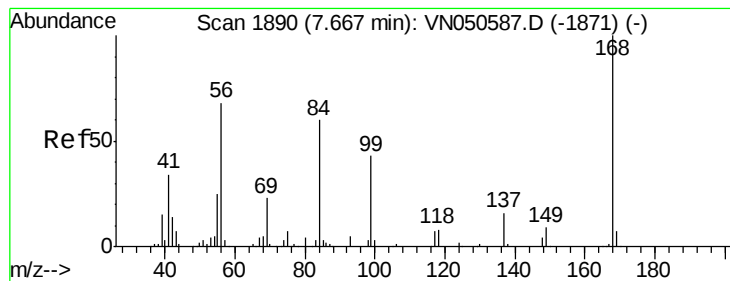
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050601.D

Acq: 14 Aug 2018 14:46

Instrument :

MSVOA_N

ClientSampleId :

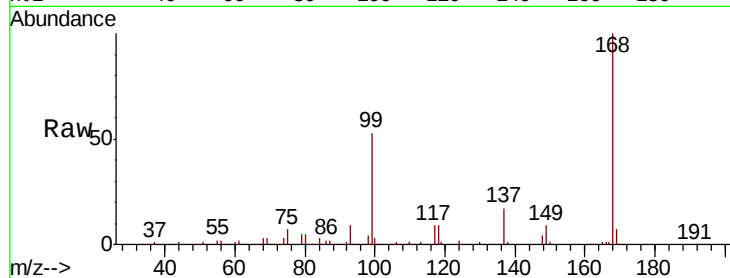
PB112007TB

Tot Ion:168 Resp: 653433

Ion Ratio Lower Upper

168 100

99 52.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050601.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050601.D (-1797) (-)

7.67

300000

250000

200000

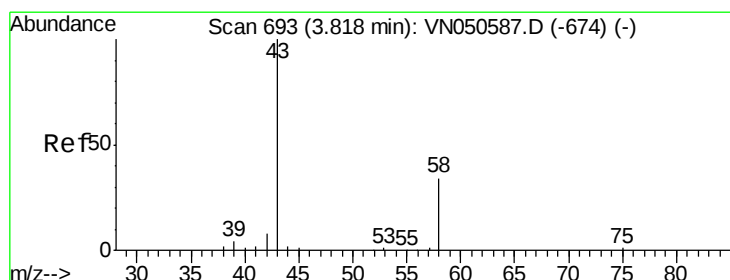
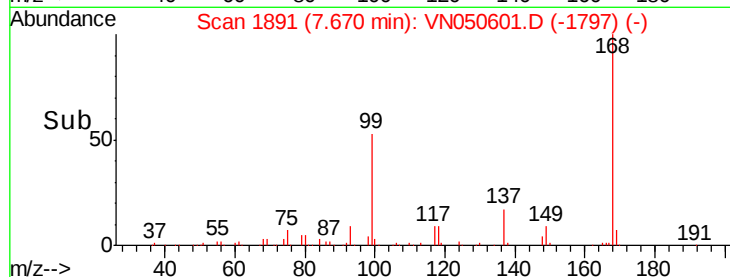
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.84 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050601.D

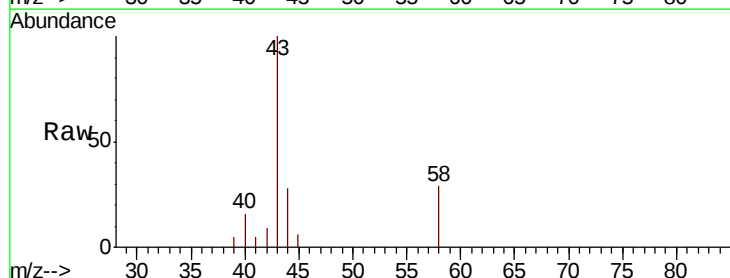
Acq: 14 Aug 2018 14:46

Tgt Ion: 43 Resp: 12868

Ion Ratio Lower Upper

43 100

58 29.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050601.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050601.D (-600) (-)

3.83

5000

4000

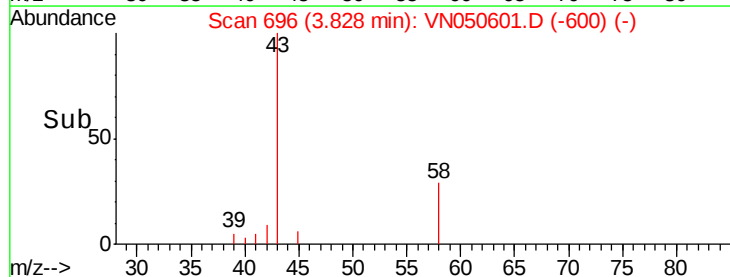
3000

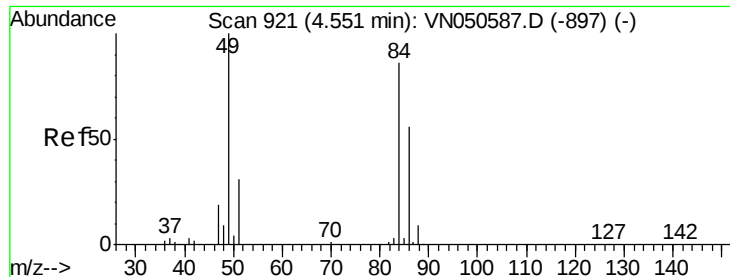
2000

1000

0

Time-->

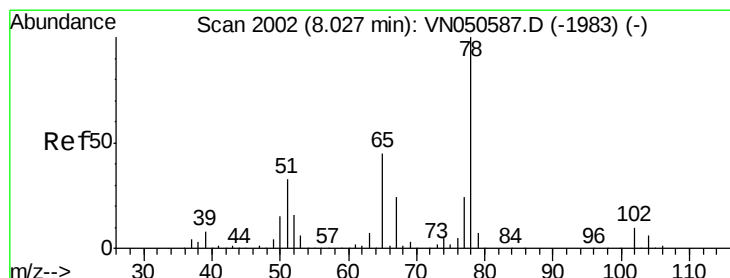
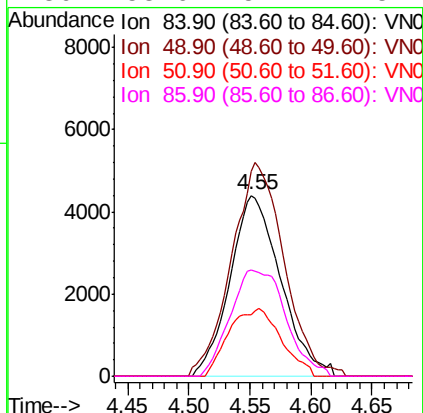
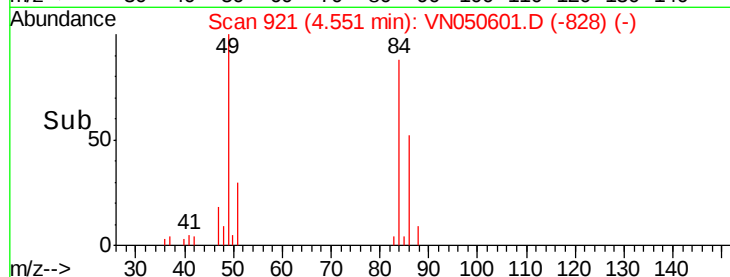
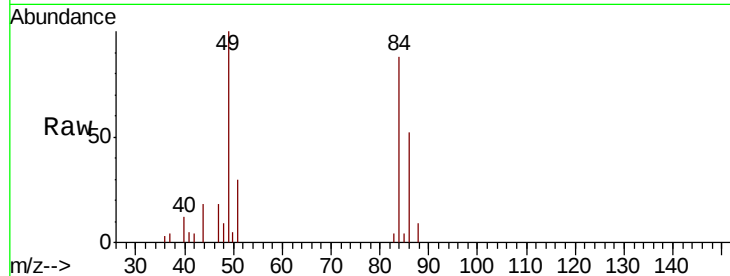




#20
Methvlene Chloride
Concen: 0.36 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050601.D
Acq: 14 Aug 2018 14:46

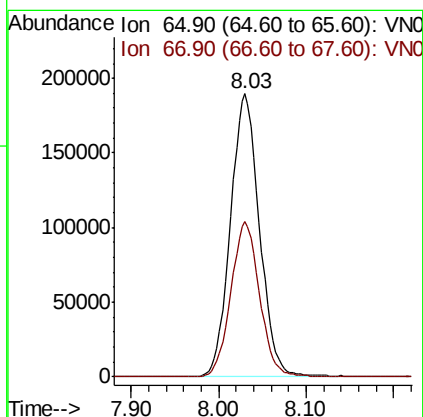
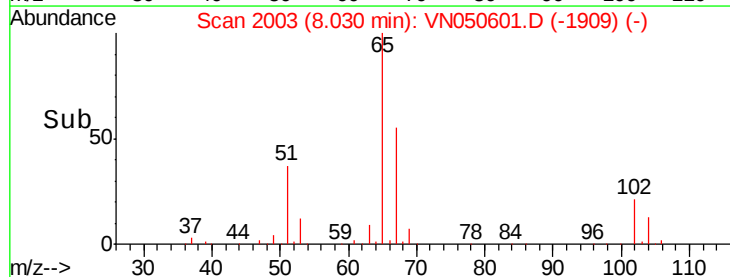
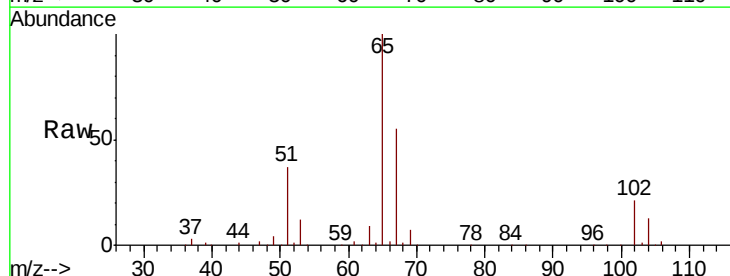
Instrument :
MSVOA_N
ClientSampleId :
PB112007TB

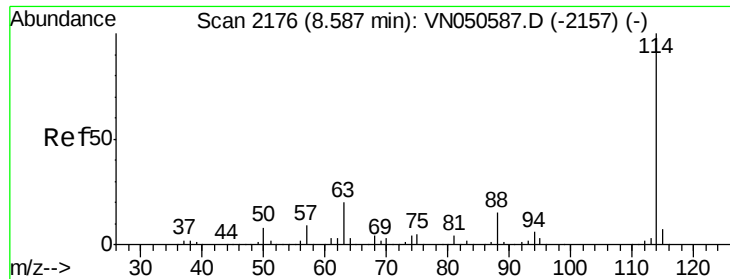
Tot Ion:	84	Resp:	12696
Ion	Ratio	Lower	Upper
84	100		
49	113.2	92.6	138.8
51	34.3	28.6	43.0
86	58.6	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 52.99 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050601.D
Acq: 14 Aug 2018 14:46

Tgt Ion:	65	Resp:	436416
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.8

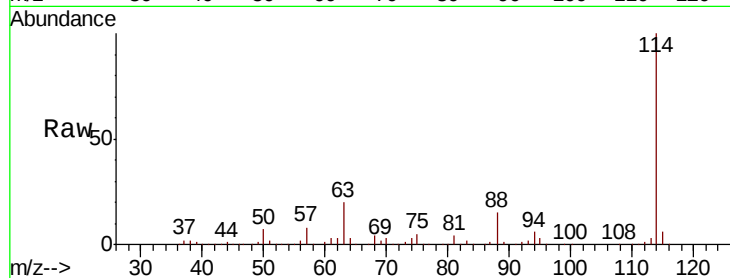




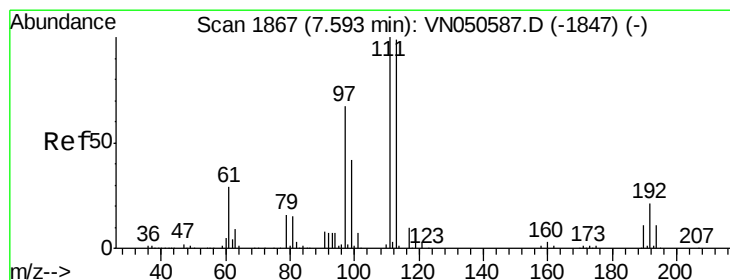
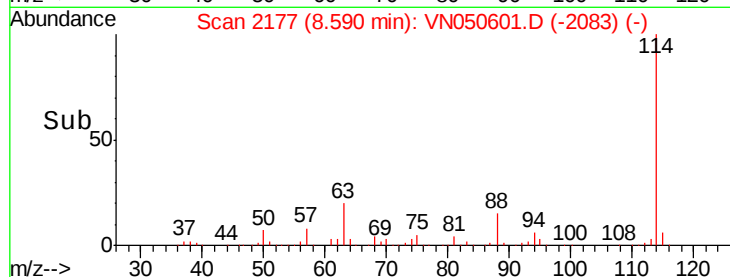
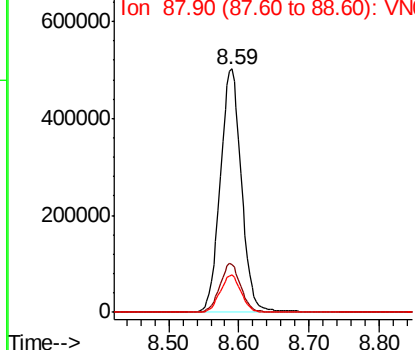
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050601.D
 Acq: 14 Aug 2018 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112007TB

Tot Ion:114 Resp: 1052720
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.2 0.0 30.8

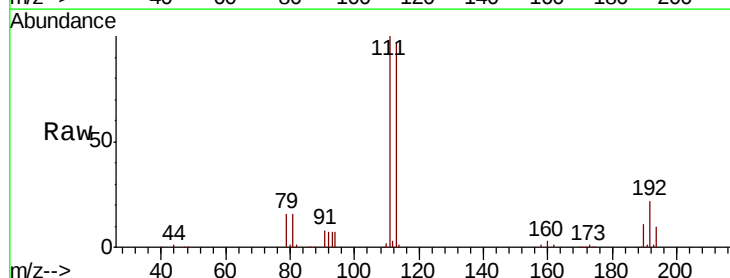


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

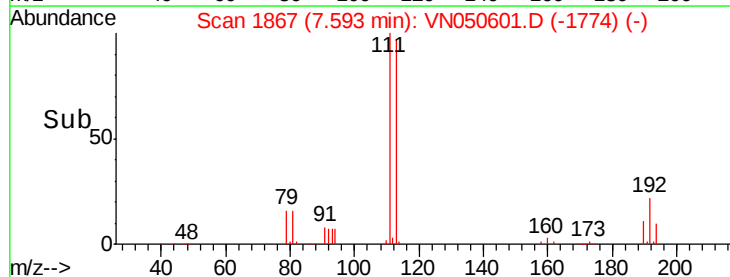
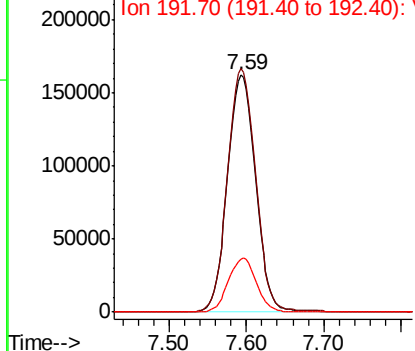


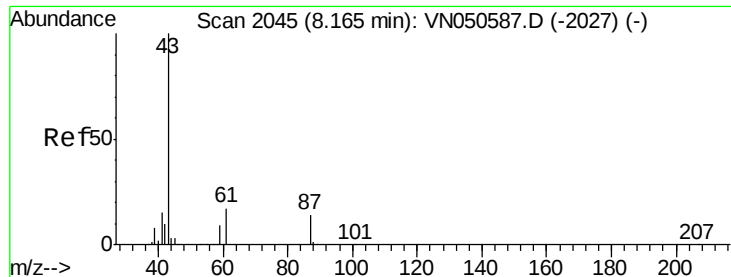
#35
 Dibromofluoromethane
 Concen: 48.98 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050601.D
 Acq: 14 Aug 2018 14:46

Tgt Ion:113 Resp: 411650
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 22.3 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: 16.76 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050601.D

Acq: 14 Aug 2018 14:46

Instrument :

MSVOA_N

ClientSampleId :

PB112007TB

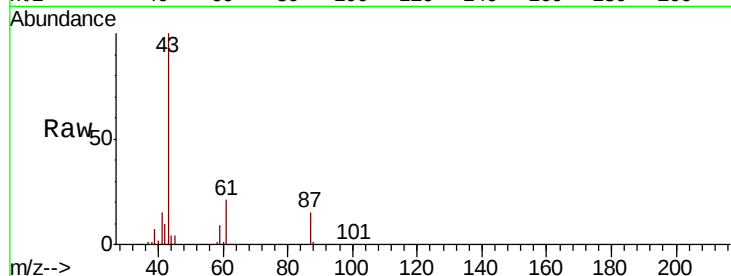
Tot Ion: 43 Resp: 202272

Ion Ratio Lower Upper

43 100

61 20.8 16.2 24.2

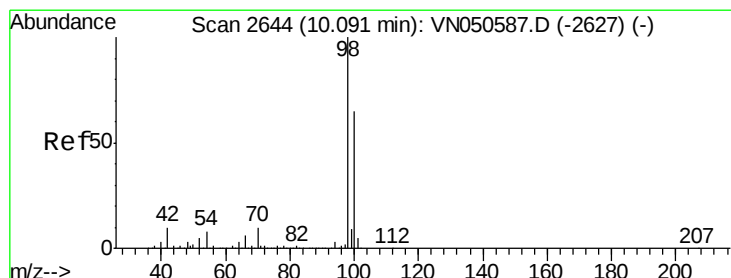
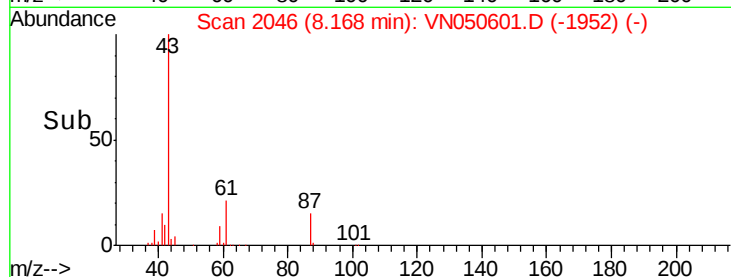
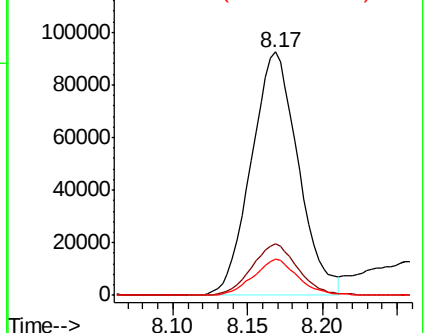
87 14.0 10.9 16.3



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: 46.32 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050601.D

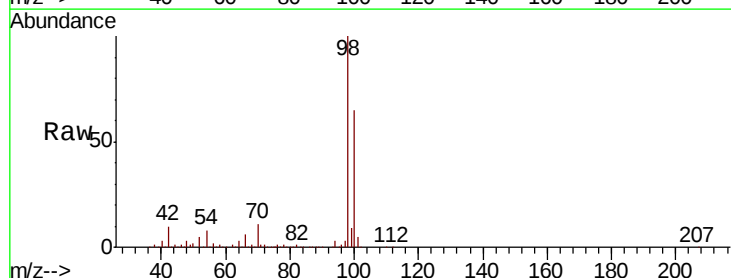
Acq: 14 Aug 2018 14:46

Tgt Ion: 98 Resp: 1465240

Ion Ratio Lower Upper

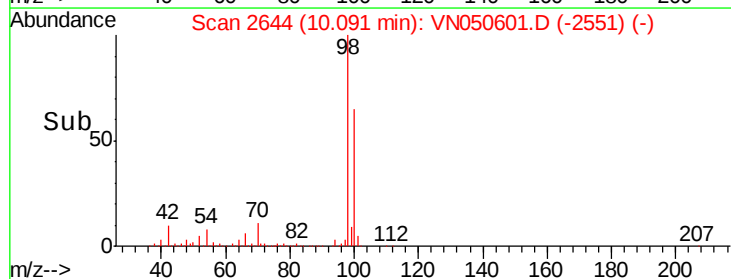
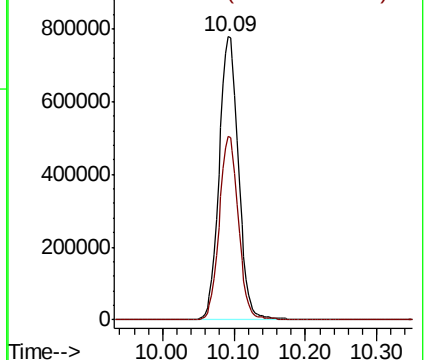
98 100

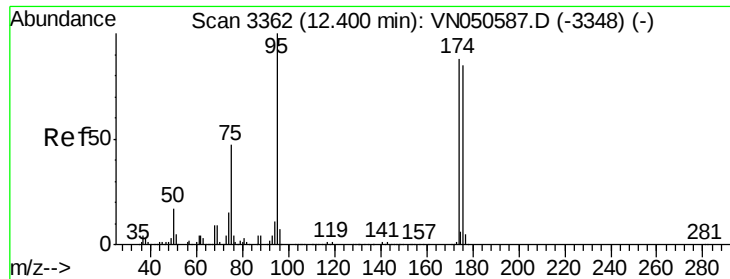
100 64.1 51.8 77.8



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: 39.71 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050601.D

Acq: 14 Aug 2018 14:46

Instrument :

MSVOA_N

ClientSampleId :

PB112007TB

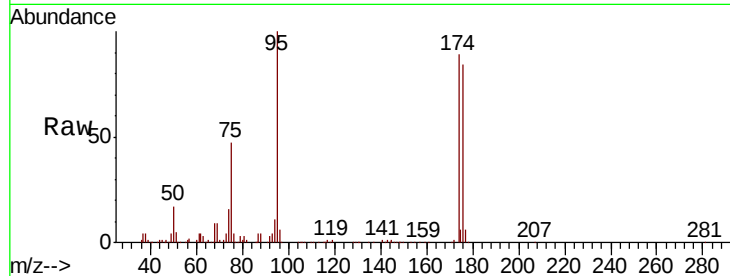
Tot Ion: 95 Resp: 414947

Ion Ratio Lower Upper

95 100

174 90.0 0.0 177.8

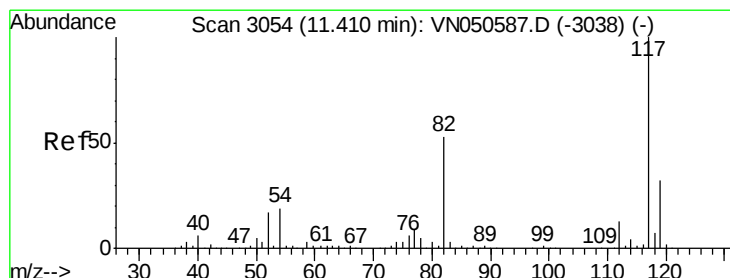
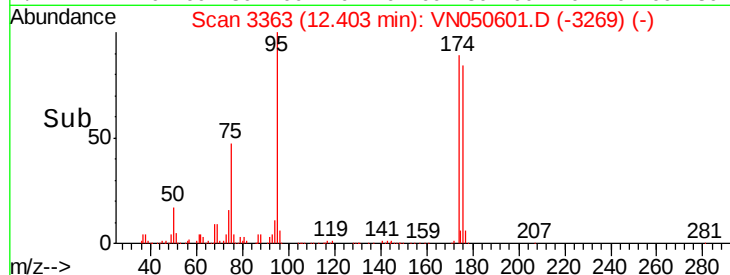
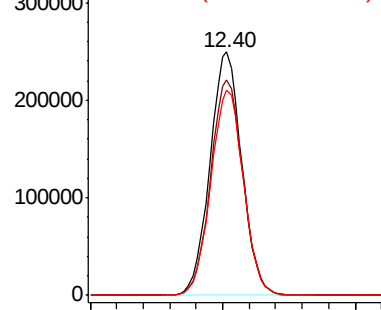
176 86.5 0.0 175.0



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# 3054

Delta R.T. -0.00 min

Lab File: VN050601.D

Acq: 14 Aug 2018 14:46

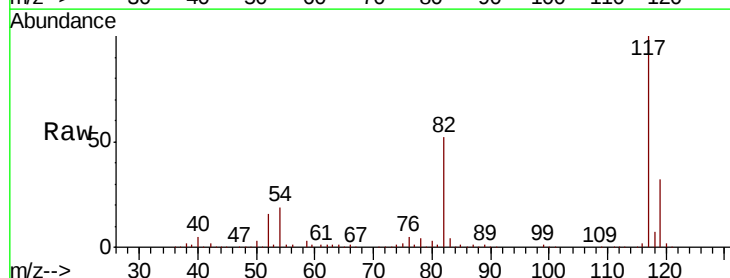
Tgt Ion: 117 Resp: 927852

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

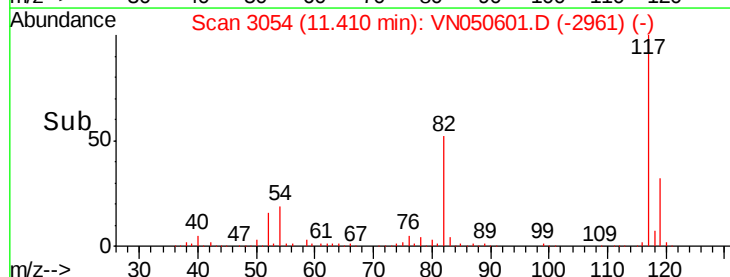
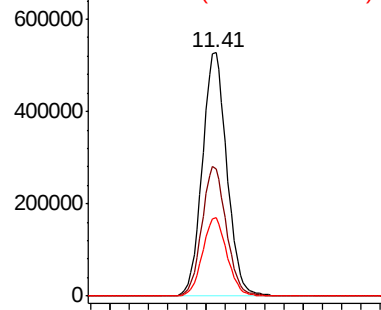
119 32.0 25.8 38.8

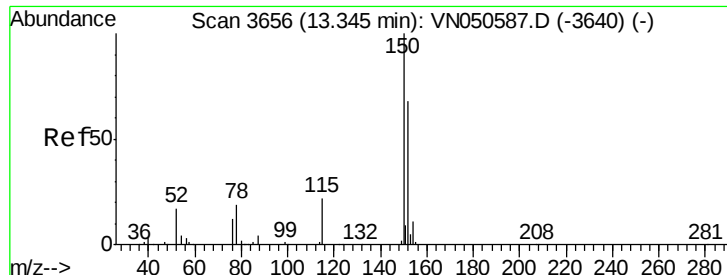


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

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: VN050601.D

Acq: 14 Aug 2018 14:46

Instrument :

MSVOA_N

ClientSampleId :

PB112007TB

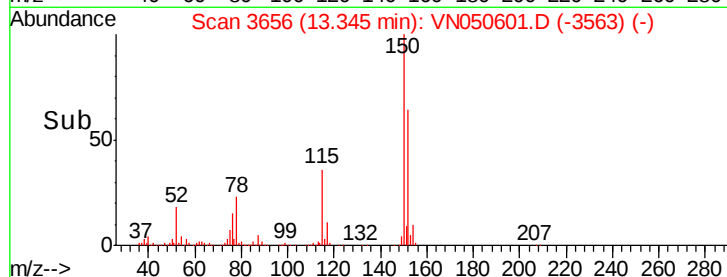
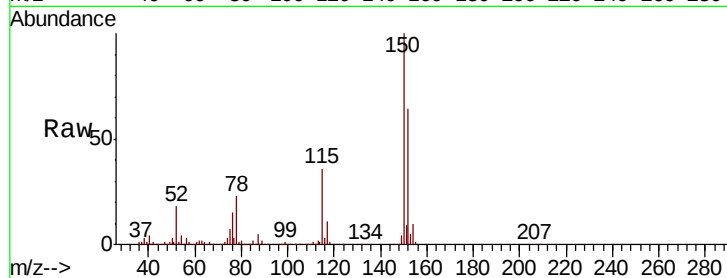
Tot Ion:152 Resp: 338180

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

150 156.7 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

