

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050182.D
 Acq On : 30 Jul 2018 13:05
 Operator : MD\SY
 Sample : PB111570ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570ZHE#02

Quant Time: Jul 31 01:33:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

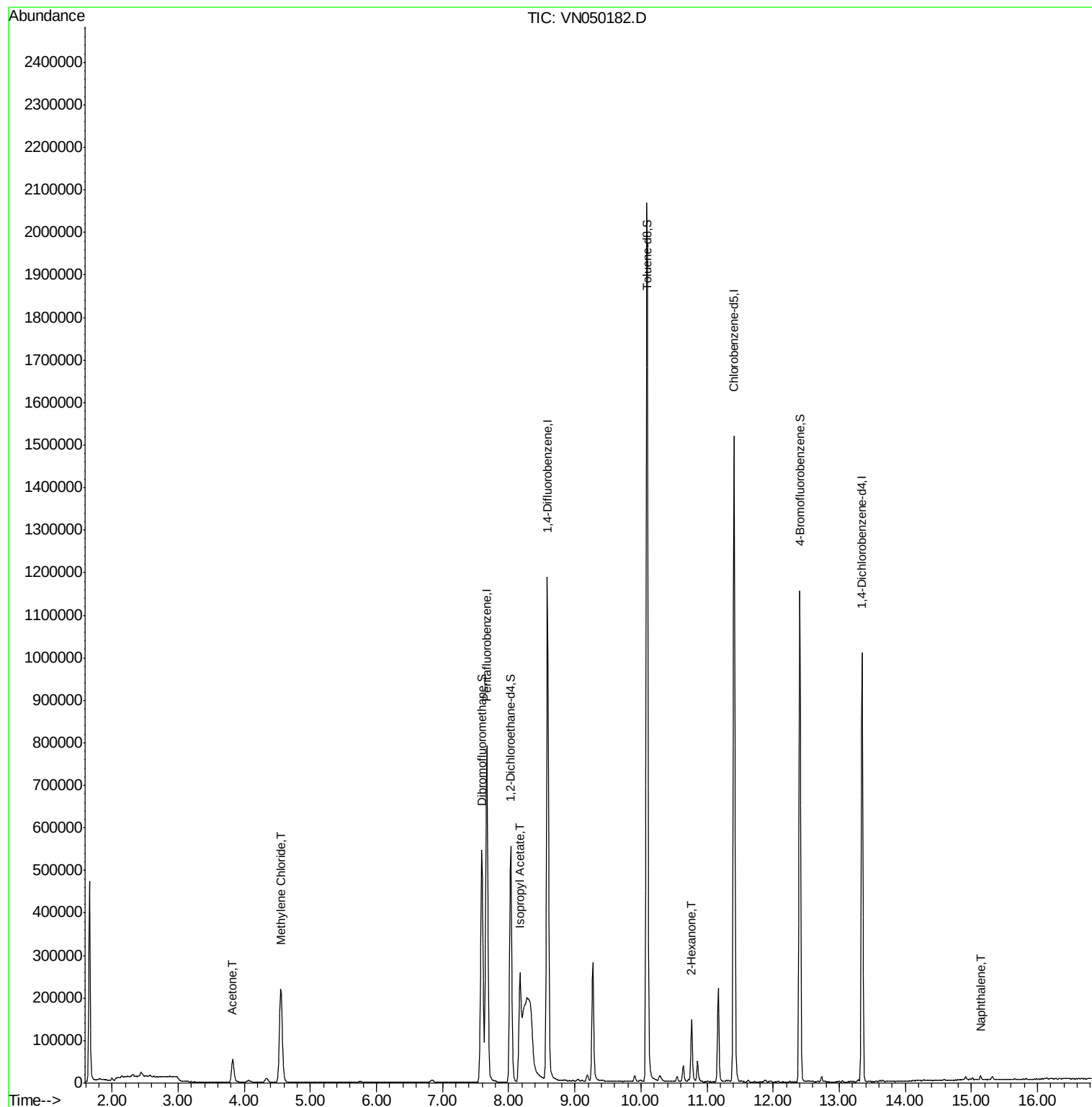
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	679562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1115951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	293894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	464476	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	7.59	113	421948	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
50) Toluene-d8	10.09	98	1509513	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	12.40	95	396508	35.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.90%	
Target Compounds						
16) Acetone	3.82	43	93582	38.22	ug/l	99
20) Methylene Chloride	4.55	84	172620	19.78	ug/l	97
43) Isopropyl Acetate	8.17	43	328778	19.20	ug/l	93
59) 2-Hexanone	10.77	43	22531	8.66	ug/l #	60
95) Naphthalene	15.14	128	7561	4.93	ug/l #	95

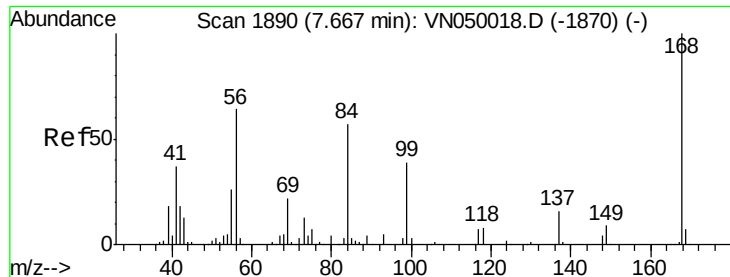
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050182.D

Acq: 30 Jul 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

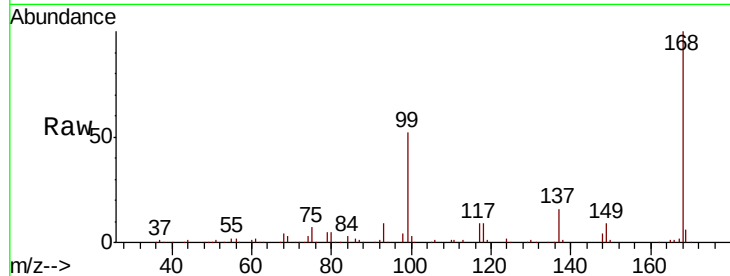
PB111570ZHE#02

Tot Ion:168 Resp: 679562

Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050182.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050182.D (-1798) (-)

7.67

300000

250000

200000

150000

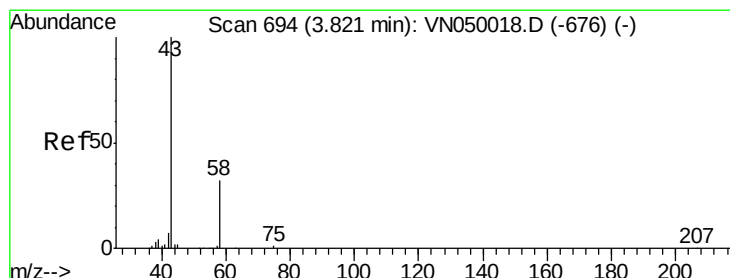
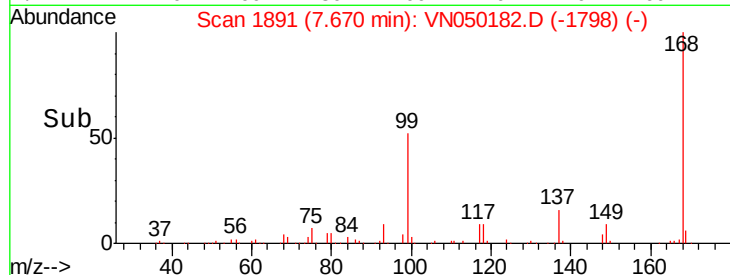
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 38.22 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050182.D

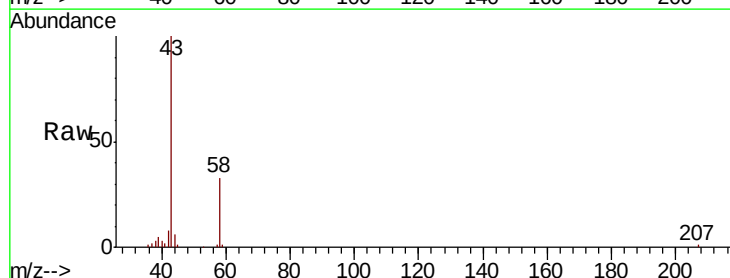
Acq: 30 Jul 2018 13:05

Tgt Ion: 43 Resp: 93582

Ion Ratio Lower Upper

43 100

58 32.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050182.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN050182.D (-602) (-)

3.82

40000

30000

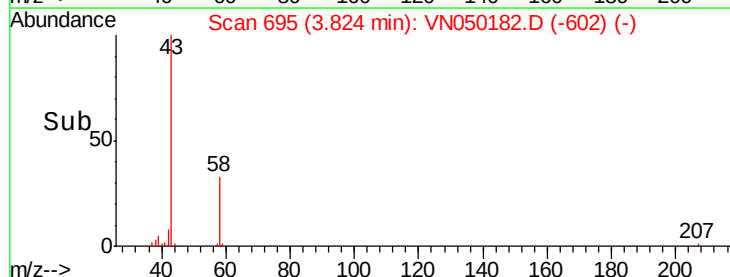
20000

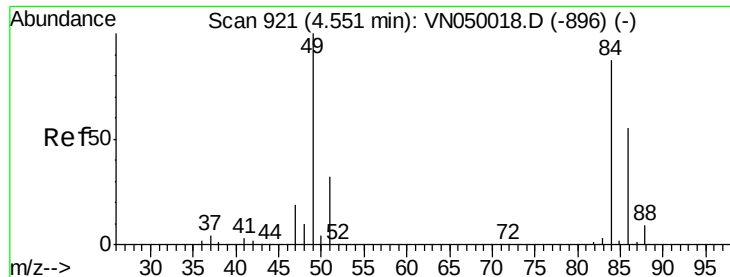
10000

0

3.70 3.80 3.90

Time-->

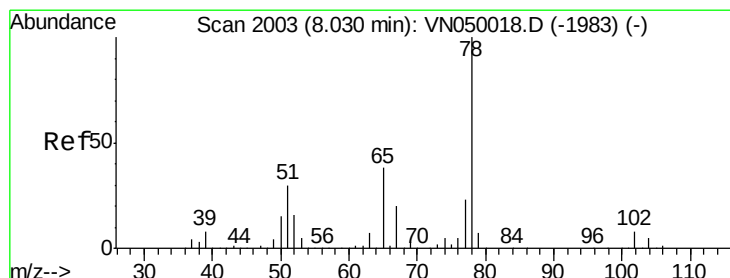
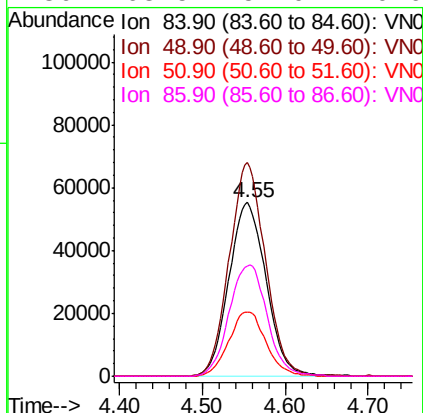
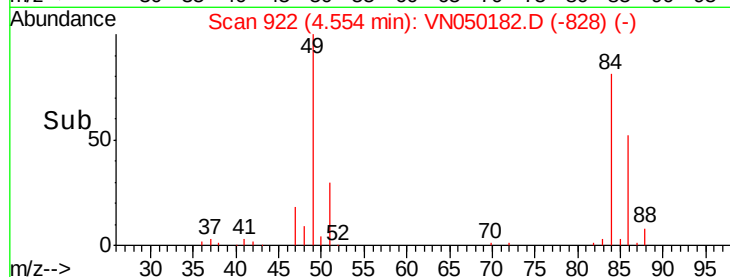
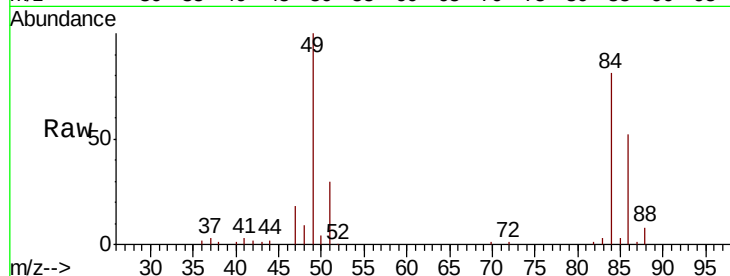




#20
Methylene Chloride
Concen: 19.78 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050182.D
Acq: 30 Jul 2018 13:05

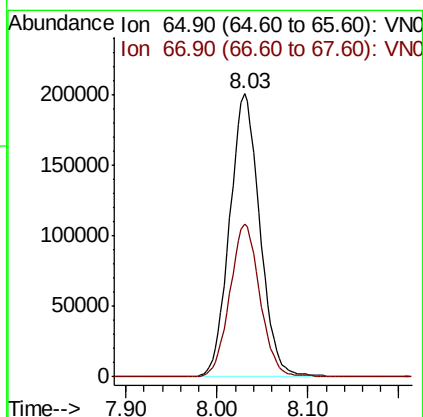
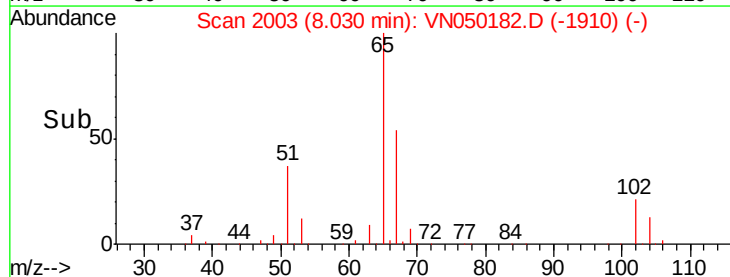
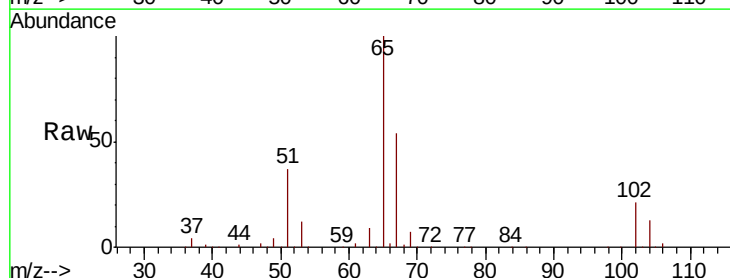
Instrument :
MSVOA_N
ClientSampleId :
PB111570ZHE#02

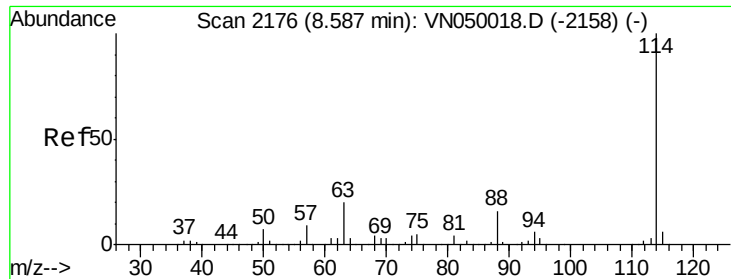
Tot Ion: 84 Resp: 172620
Ion Ratio Lower Upper
84 100
49 123.0 94.8 142.2
51 37.0 28.3 42.5
86 63.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 48.99 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050182.D
Acq: 30 Jul 2018 13:05

Tgt Ion: 65 Resp: 464476
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.4

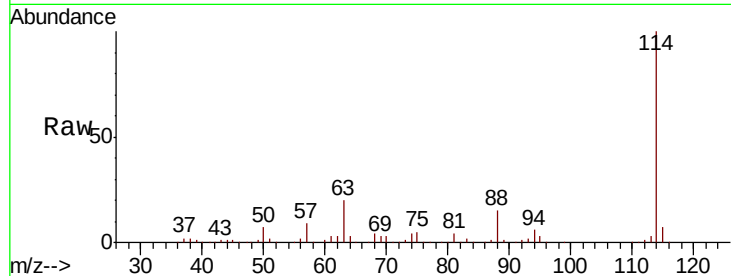




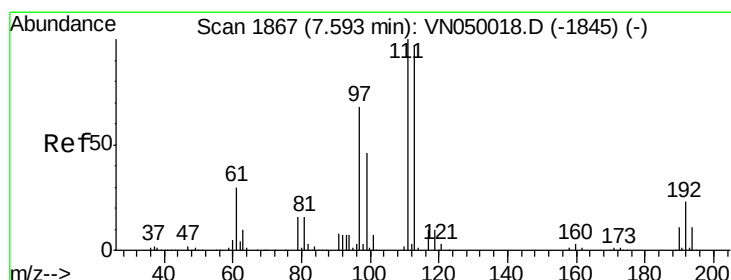
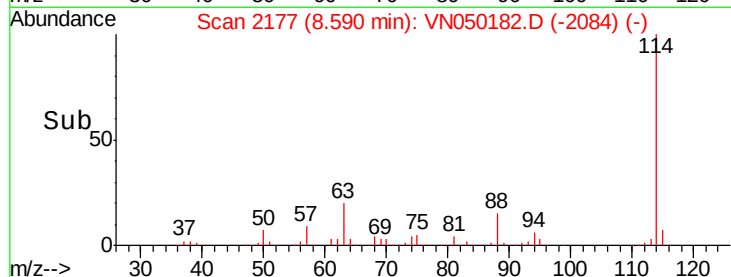
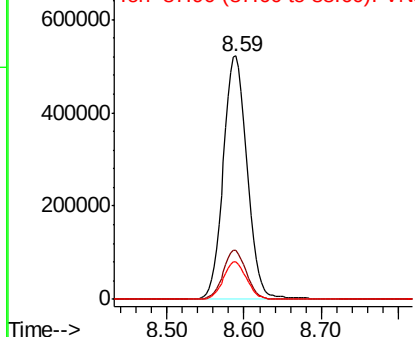
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050182.D
 Acq: 30 Jul 2018 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570ZHE#02

Tot Ion:114 Resp: 1115951
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.4 0.0 31.2

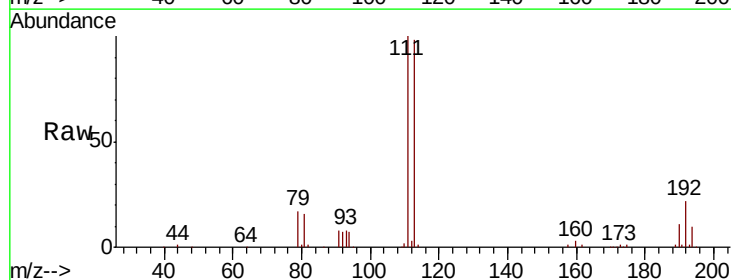


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

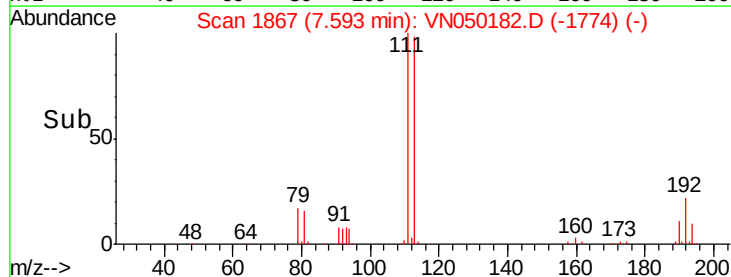
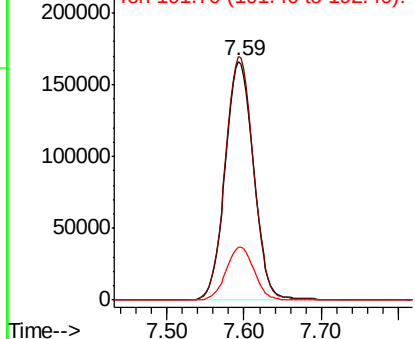


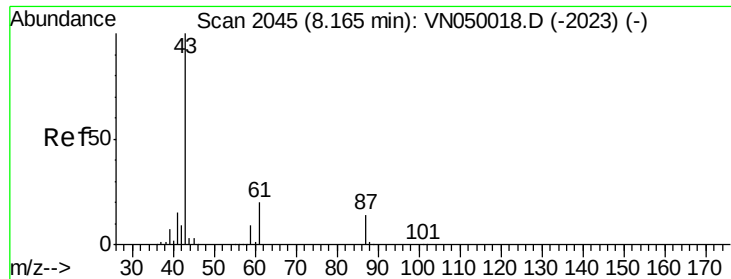
#35
 Dibromofluoromethane
 Concen: 46.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050182.D
 Acq: 30 Jul 2018 13:05

Tgt Ion:113 Resp: 421948
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.0 17.8 26.6



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: 19.20 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050182.D

Acq: 30 Jul 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

PB111570ZHE#02

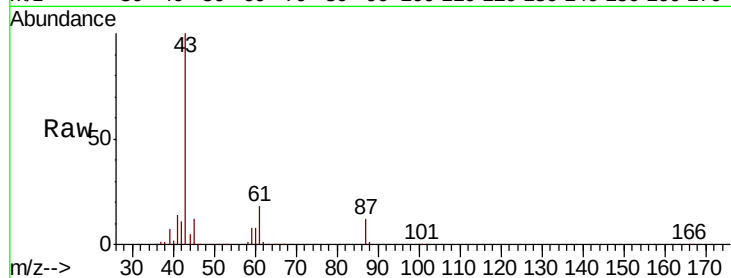
Tot Ion: 43 Resp: 328778

Ion Ratio Lower Upper

43 100

61 16.0 15.8 23.6

87 10.4 10.3 15.5



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

150000

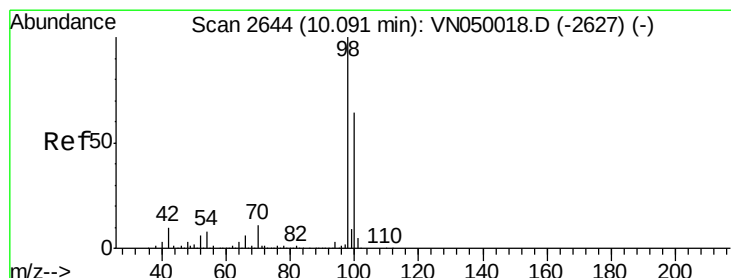
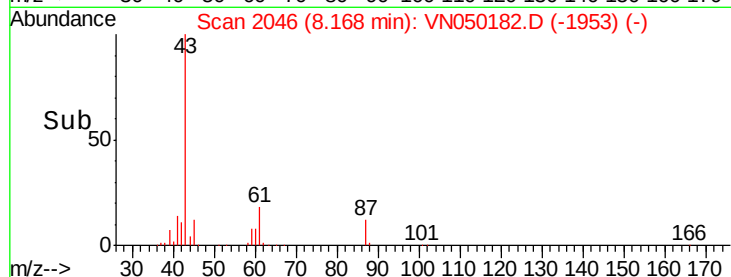
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 45.06 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050182.D

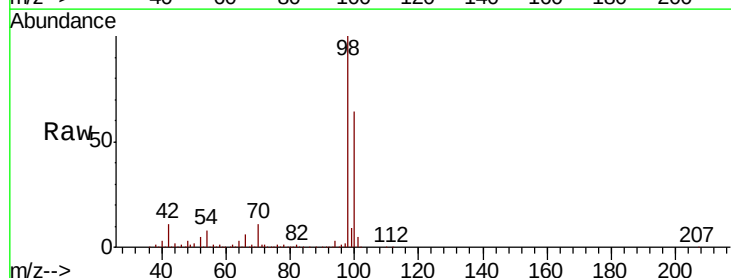
Acq: 30 Jul 2018 13:05

Tgt Ion: 98 Resp: 1509513

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

800000

600000

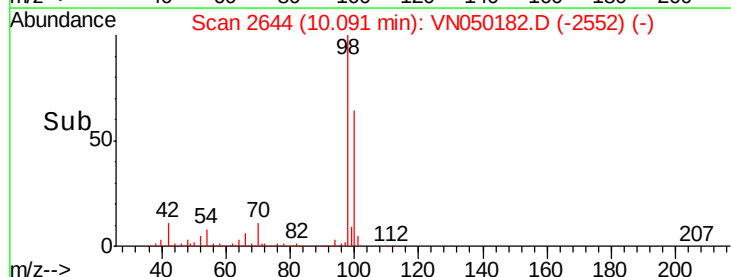
400000

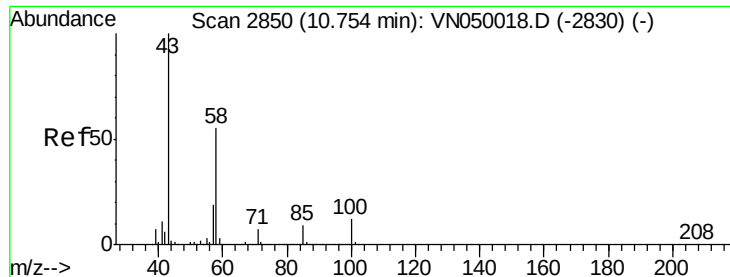
200000

0

10.00 10.10 10.20

Time-->





#59

2-Hexanone

Concen: 8.66 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050182.D

Acq: 30 Jul 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

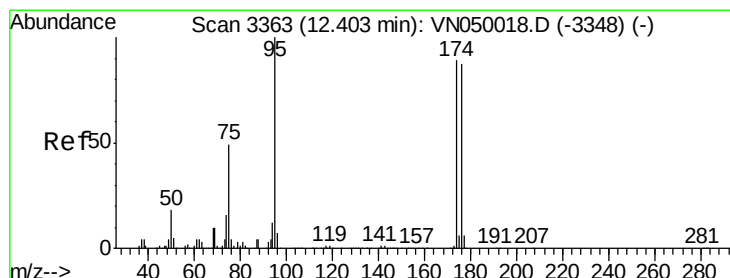
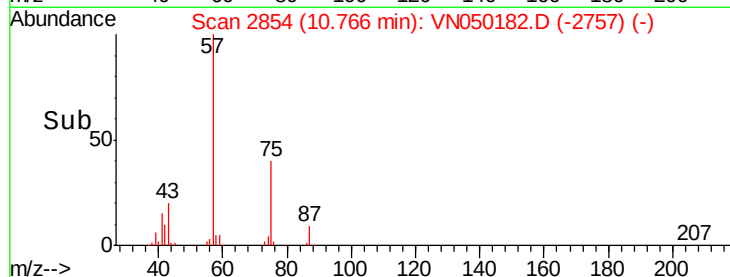
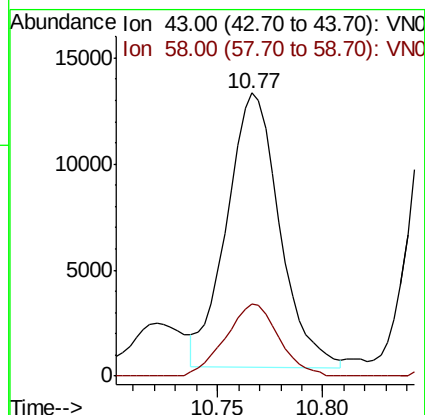
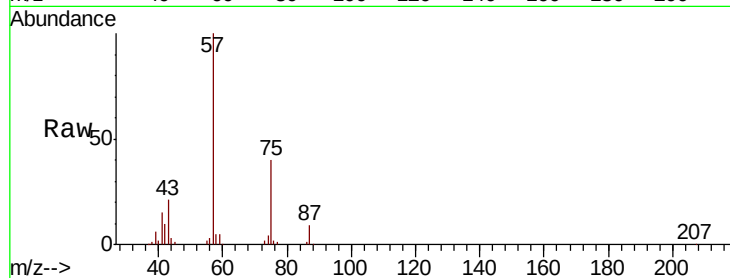
PB111570ZHE#02

Tot Ion: 43 Resp: 22531

Ion Ratio Lower Upper

43 100

58 26.3 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 35.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050182.D

Acq: 30 Jul 2018 13:05

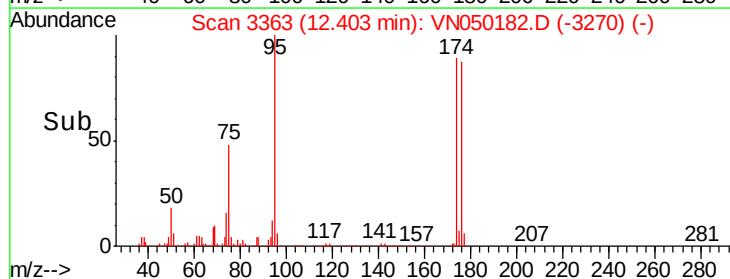
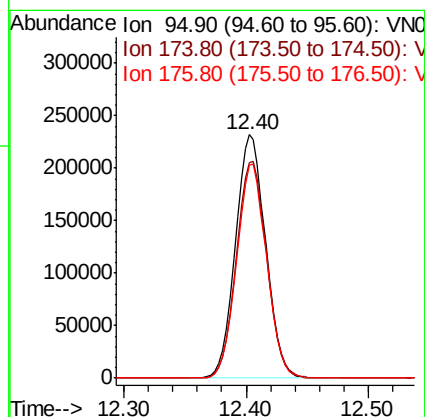
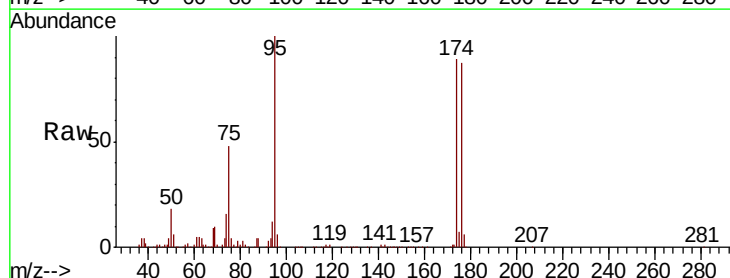
Tgt Ion: 95 Resp: 396508

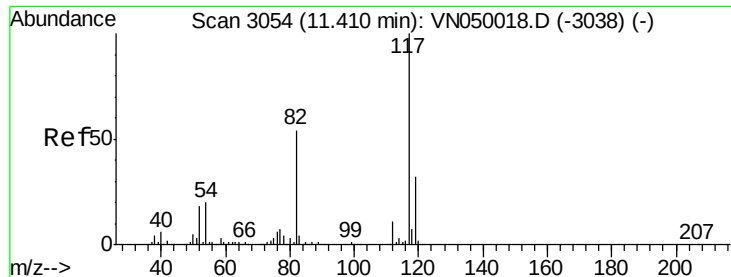
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.2

176 87.2 0.0 173.4

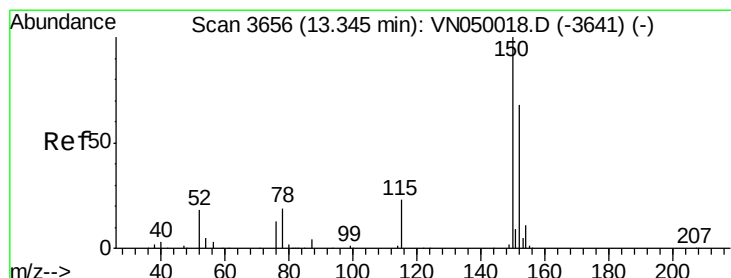
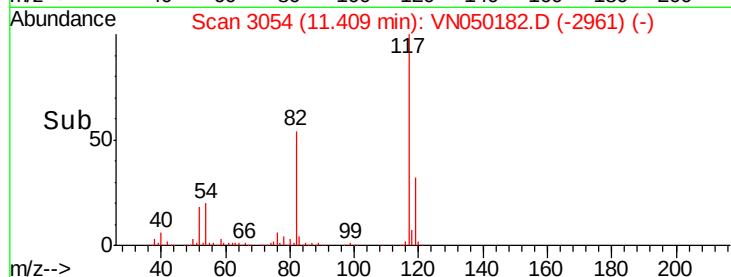
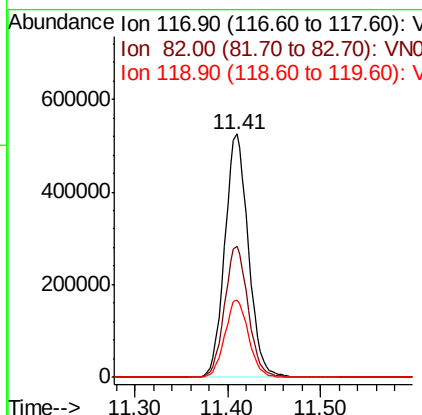
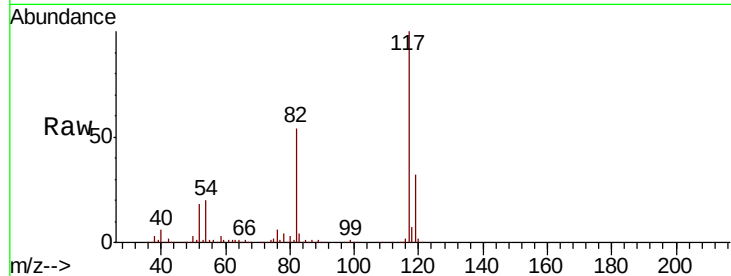




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050182.D
Acq: 30 Jul 2018 13:05

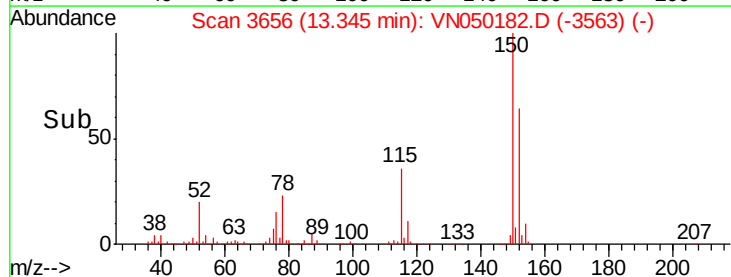
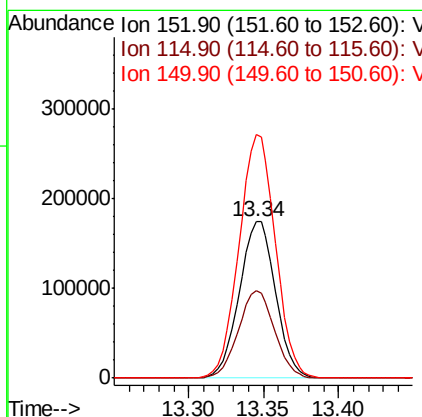
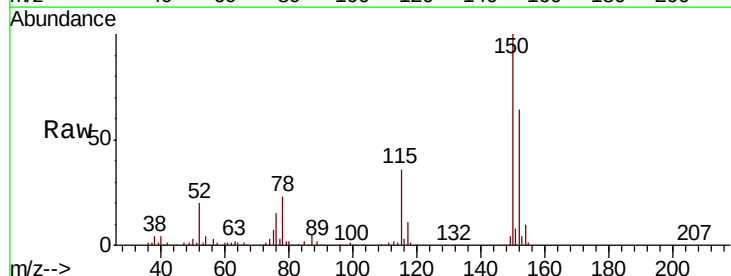
Instrument :
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PB111570ZHE#02

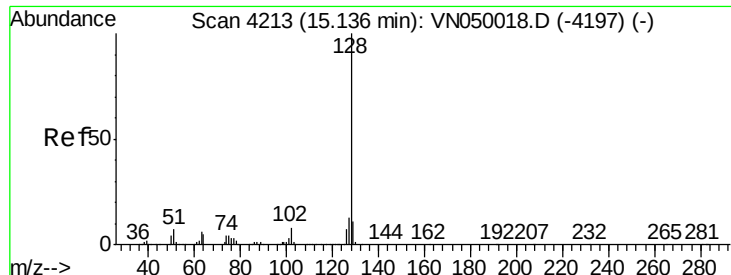
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.7	65.5
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050182.D
Acq: 30 Jul 2018 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.3
150	155.8	0.0	348.6





#95

Naphthalene

Concen: 4.93 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN050182.D

Acq: 30 Jul 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

PB111570ZHE#02

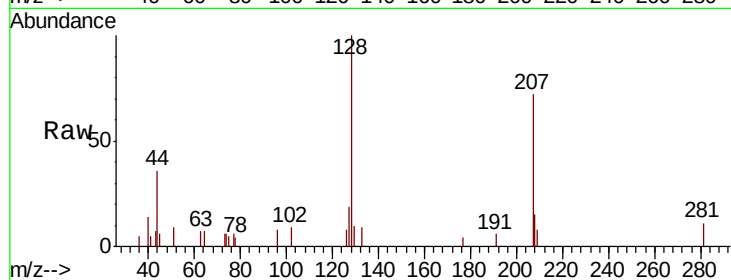
Tot Ion:128 Resp: 7561

Ion Ratio Lower Upper

128 100

127 15.8 10.4 15.6#

129 10.0 8.8 13.2



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

