

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050226.D
 Acq On : 31 Jul 2018 19:51
 Operator : MD\SY
 Sample : J3823-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-B

Quant Time: Aug 01 04:42:34 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

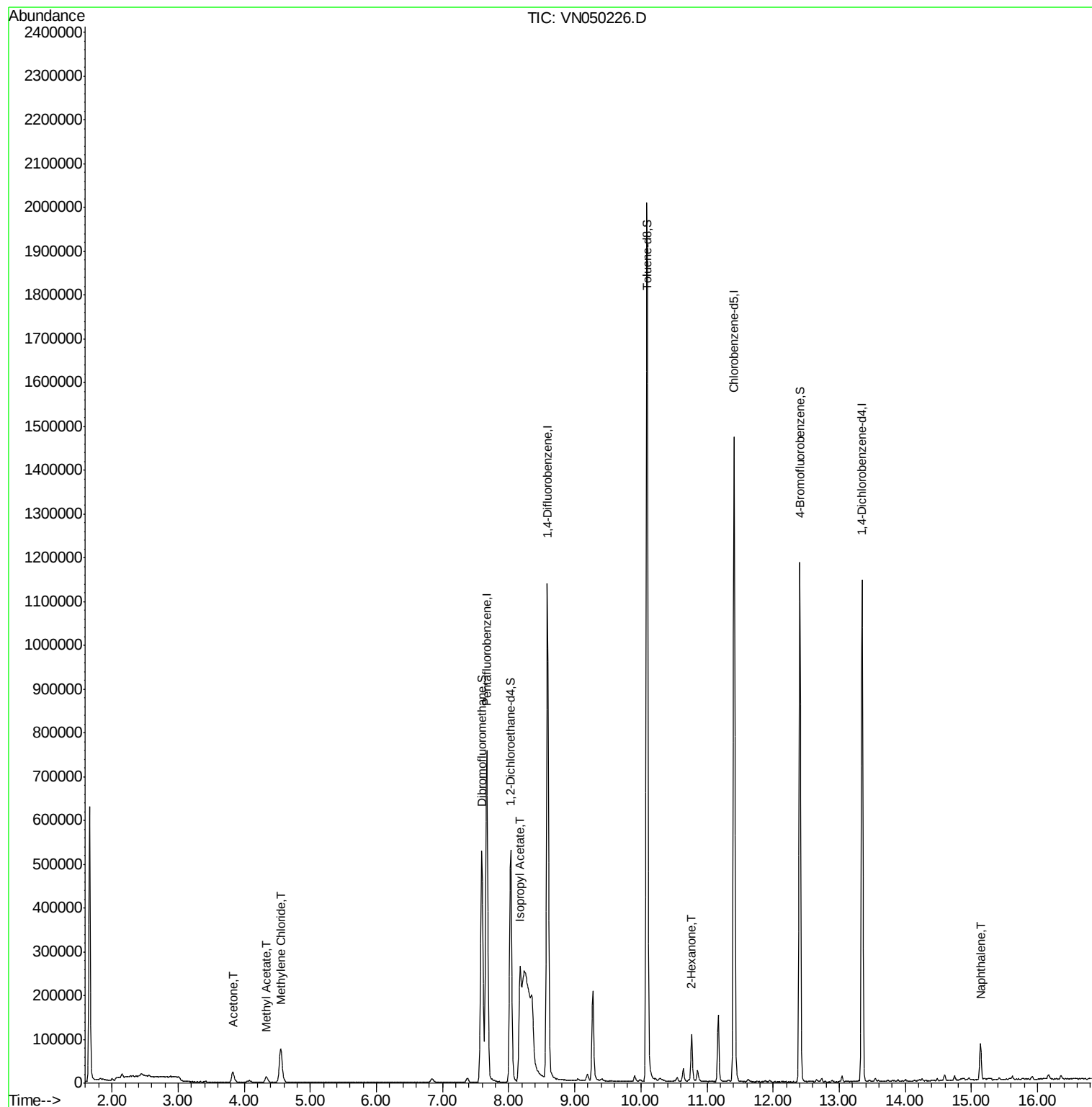
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1076388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	892302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	325595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	453457	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.59	113	406844	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	10.09	98	1450531	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	393563	36.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.98%	
Target Compounds						
16) Acetone	3.83	43	40594	14.886	ug/l	97
18) Methyl Acetate	4.33	43	25806	1.521	ug/l	93
20) Methylene Chloride	4.55	84	60879	6.466	ug/l	98
43) Isopropyl Acetate	8.17	43	316107	19.136	ug/l #	91
59) 2-Hexanone	10.77	43	16071	7.751	ug/l #	53
95) Naphthalene	15.14	128	72623	8.868	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

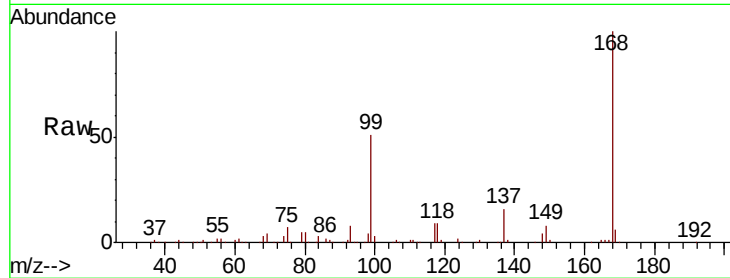
NB-08-073018-B

Tot Ion:168 Resp: 651122

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

300000

250000

200000

150000

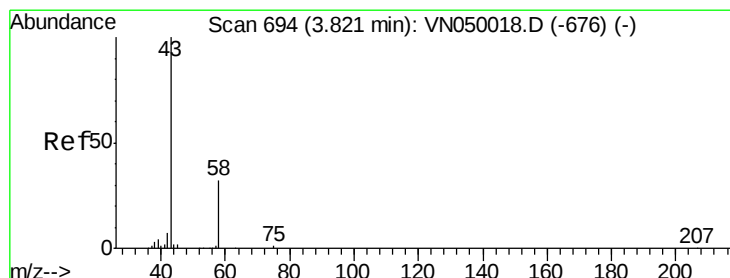
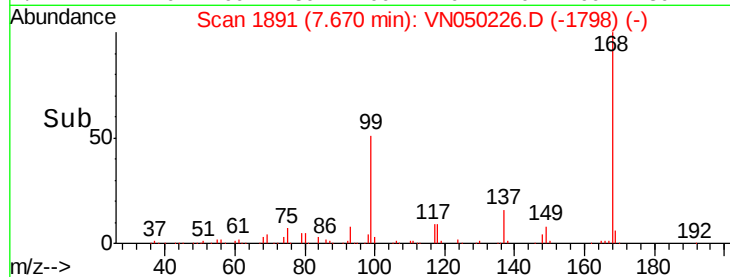
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 14.886 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050226.D

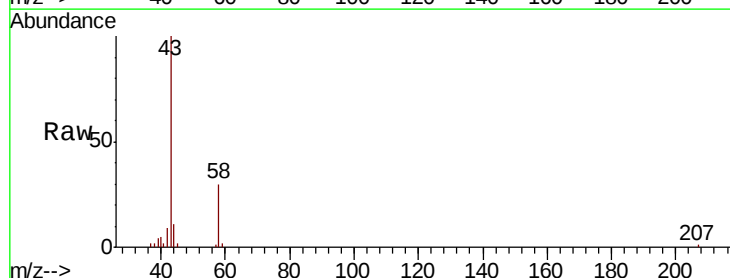
Acq: 31 Jul 2018 19:51

Tgt Ion: 43 Resp: 40594

Ion Ratio Lower Upper

43 100

58 30.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

15000

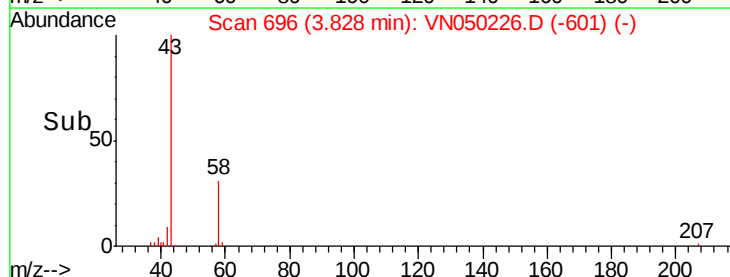
10000

5000

0

3.70 3.75 3.80 3.85 3.90

Time-->

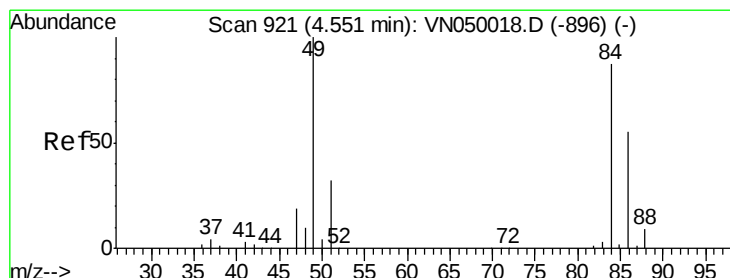
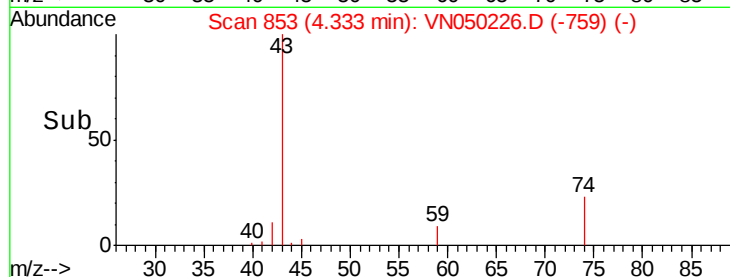
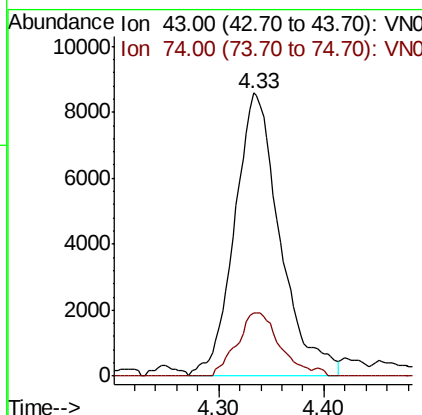
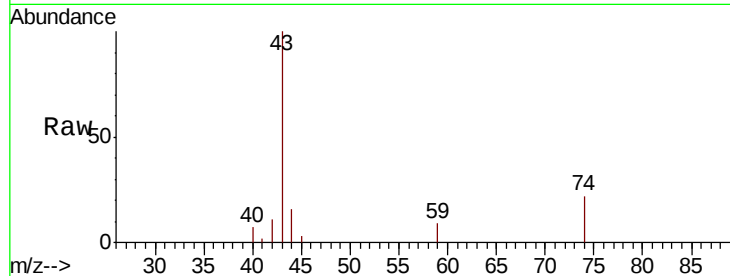




#18
Methvl Acetate
Concen: 1.521 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050226.D
Acq: 31 Jul 2018 19:51

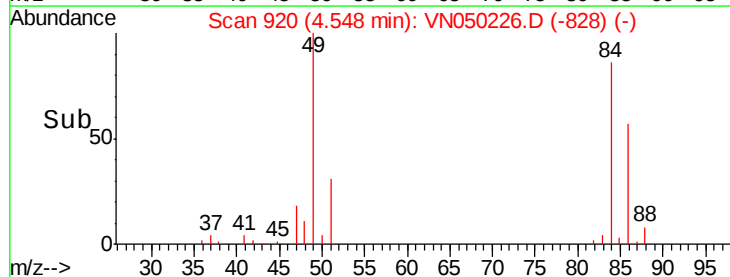
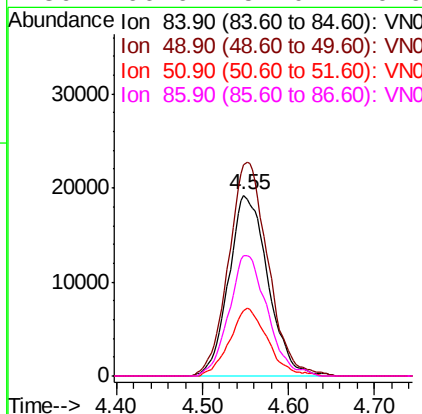
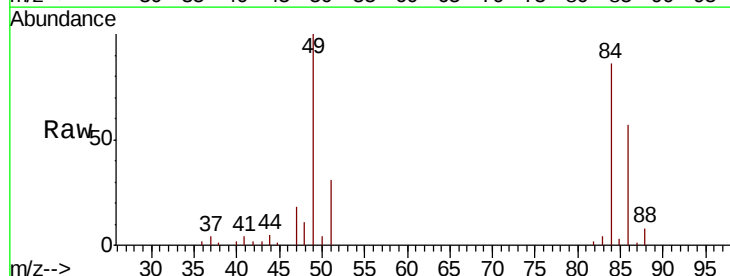
Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-B

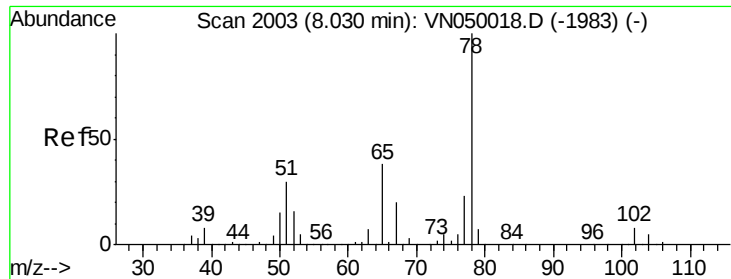
Tot Ion: 43 Resp: 25806
Ion Ratio Lower Upper
43 100
74 20.7 19.2 28.8



#20
Methylene Chloride
Concen: 6.466 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050226.D
Acq: 31 Jul 2018 19:51

Tgt Ion: 84 Resp: 60879
Ion Ratio Lower Upper
84 100
49 116.7 94.8 142.2
51 36.5 28.3 42.5
86 66.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 49.915 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

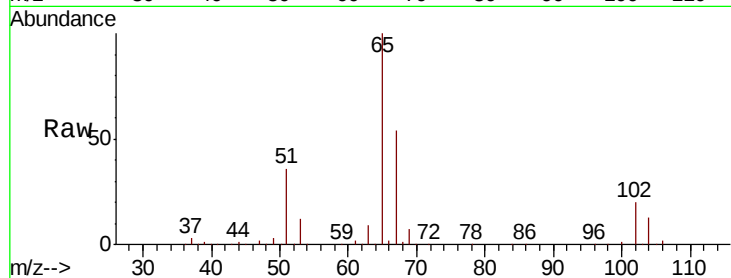
NB-08-073018-B

Tot Ion: 65 Resp: 453457

Ion Ratio Lower Upper

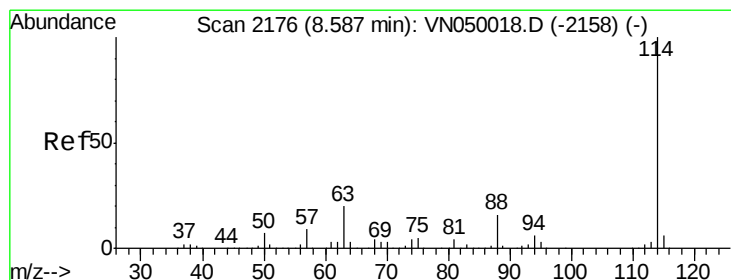
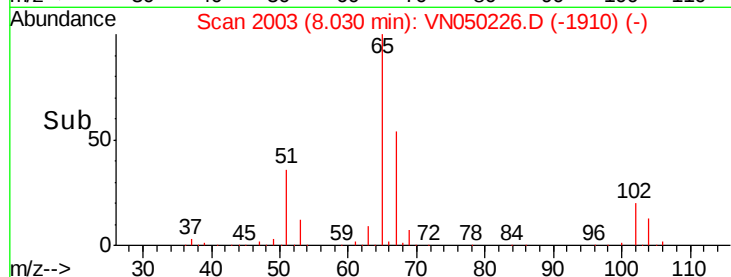
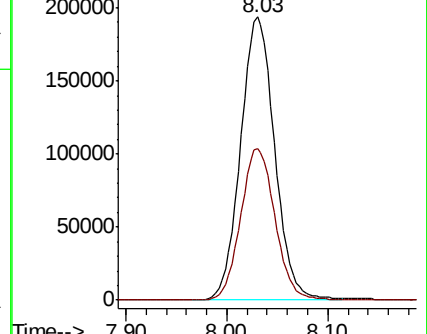
65 100

67 54.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

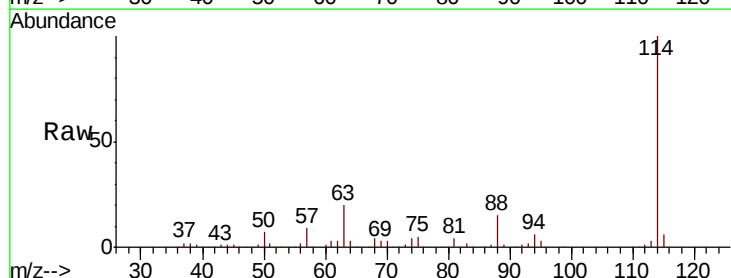
Tgt Ion: 114 Resp: 1076388

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

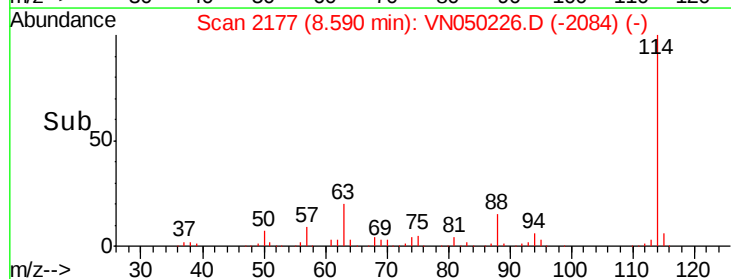
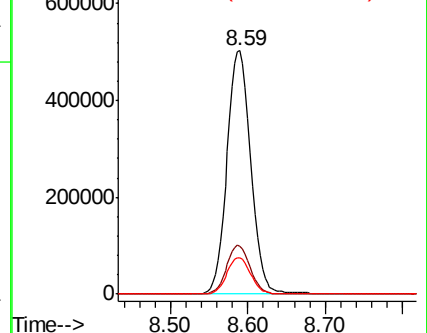
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

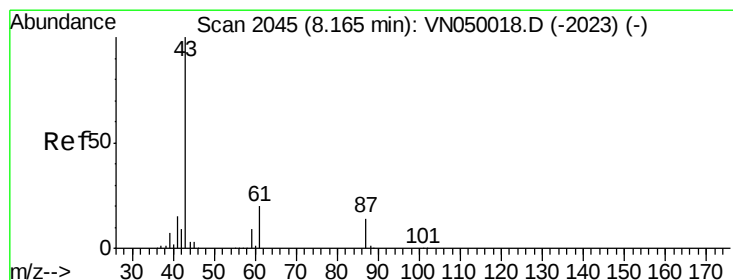
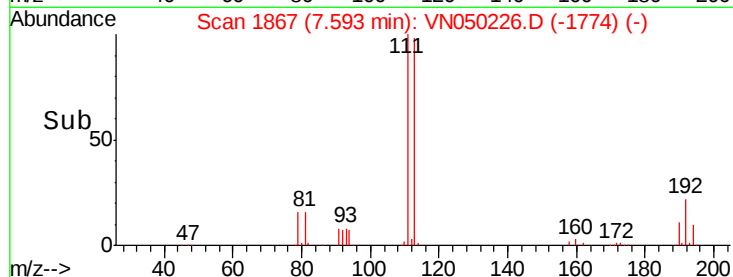
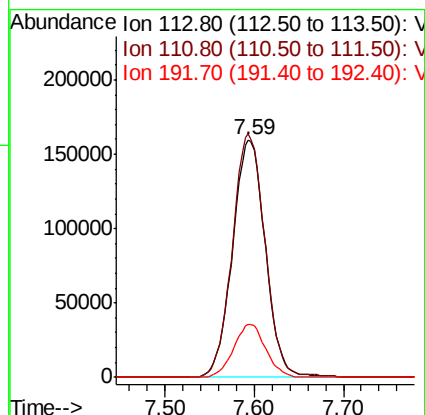
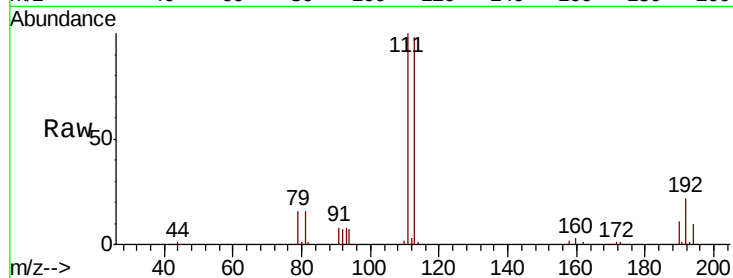




#35
 Dibromofluoromethane
 Concen: 46.293 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050226.D
 Acq: 31 Jul 2018 19:51

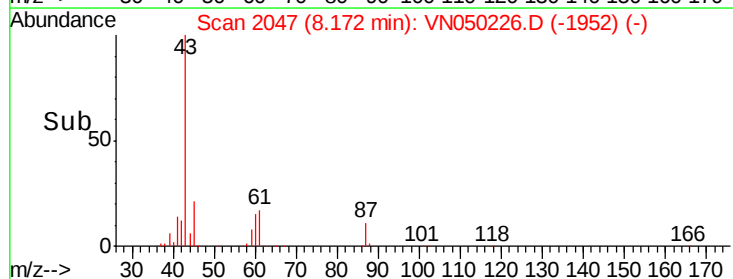
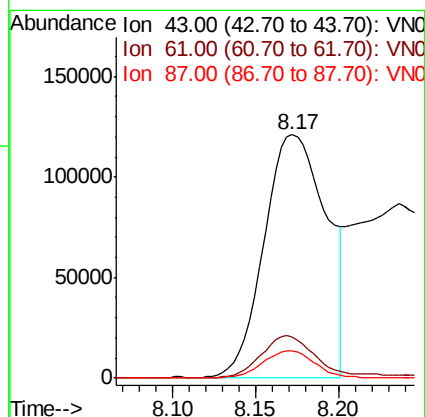
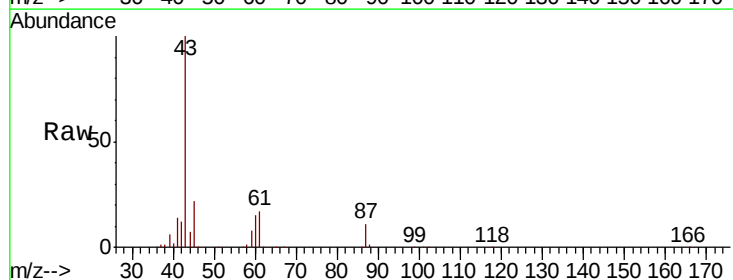
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-B

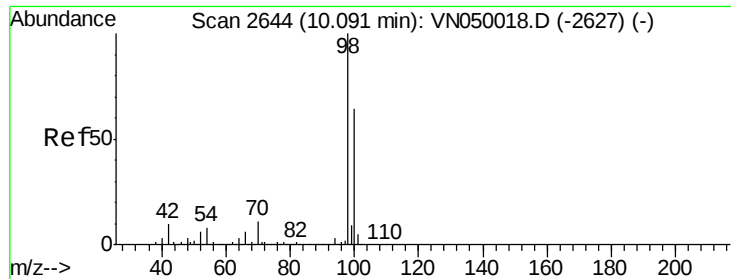
Tot Ion:113 Resp: 406844
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.136 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050226.D
 Acq: 31 Jul 2018 19:51

Tgt Ion: 43 Resp: 316107
 Ion Ratio Lower Upper
 43 100
 61 15.1 15.8 23.6#
 87 9.6 10.3 15.5#

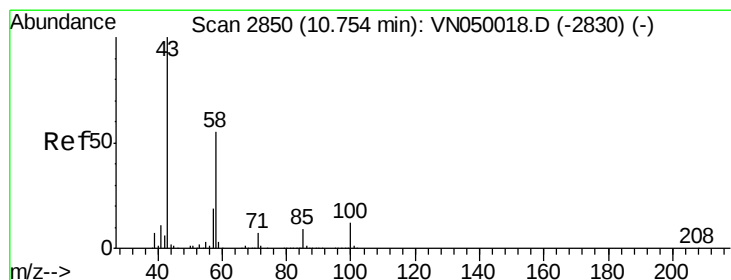
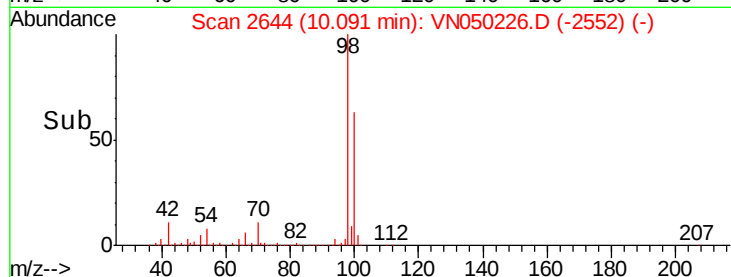
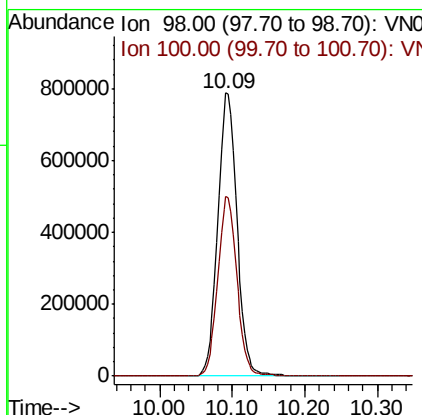
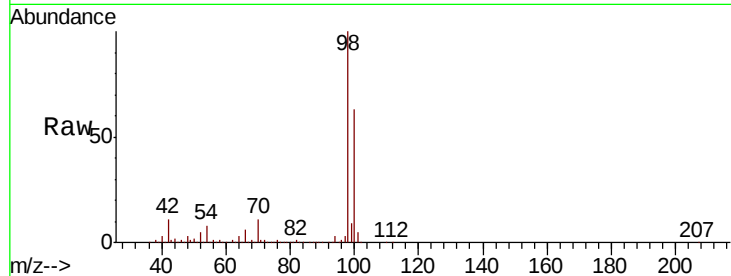




#50
Toluene-d8
Concen: 44.894 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050226.D
Acq: 31 Jul 2018 19:51

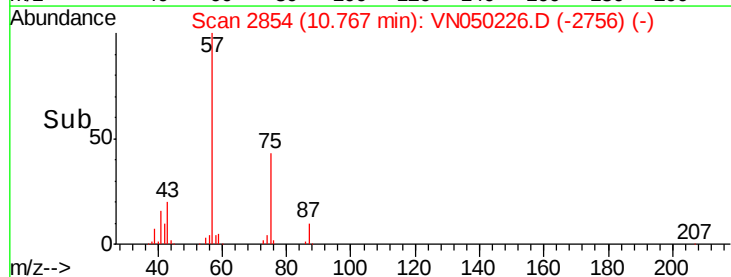
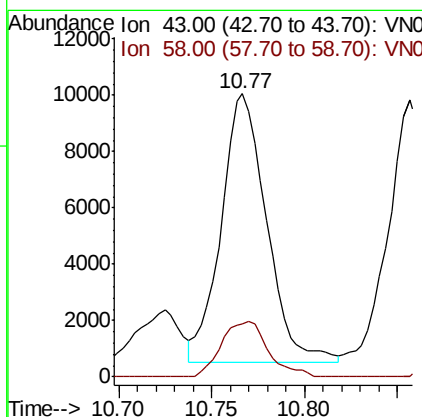
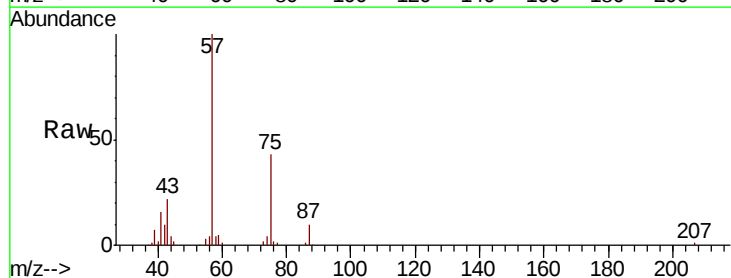
Instrument :
MSVOA_N
ClientSampled :
NB-08-073018-B

Tot Ion: 98 Resp: 1450531
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1



#59
2-Hexanone
Concen: 7.751 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050226.D
Acq: 31 Jul 2018 19:51

Tgt Ion: 43 Resp: 16071
Ion Ratio Lower Upper
43 100
58 21.4 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 36.993 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-B

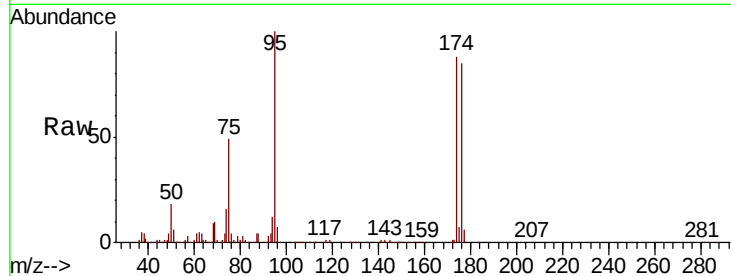
Tot Ion: 95 Resp: 393563

Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.2

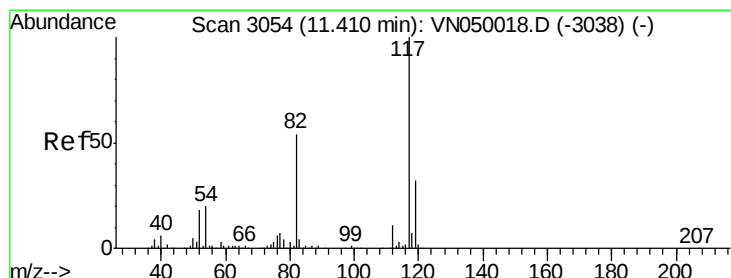
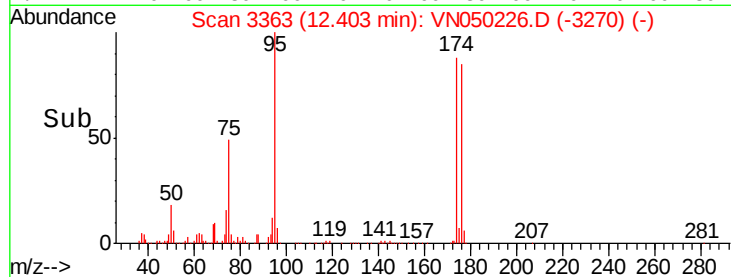
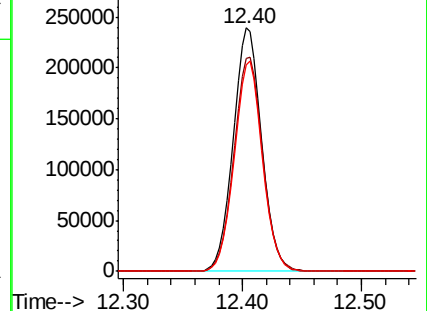
176 86.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

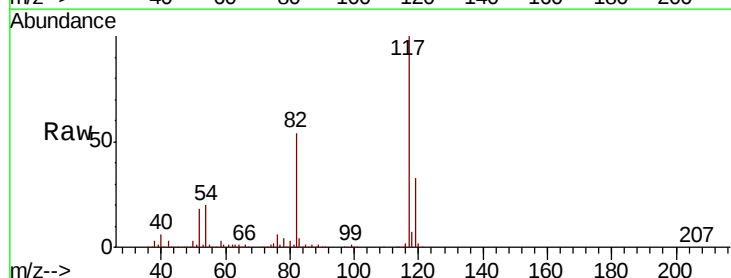
Tgt Ion: 117 Resp: 892302

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

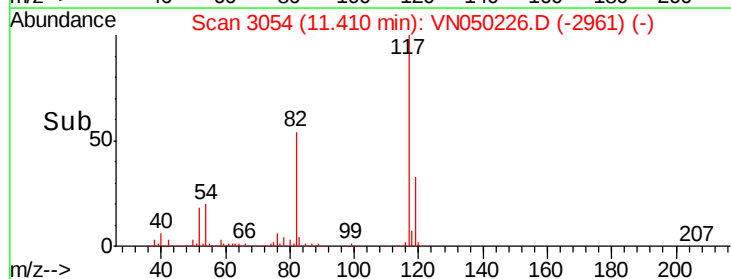
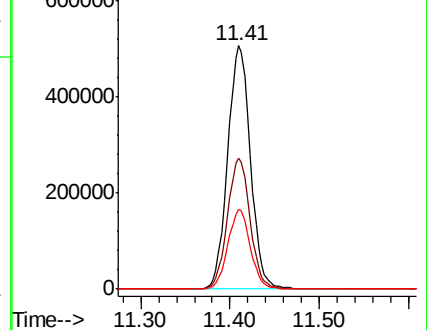
119 32.8 26.1 39.1

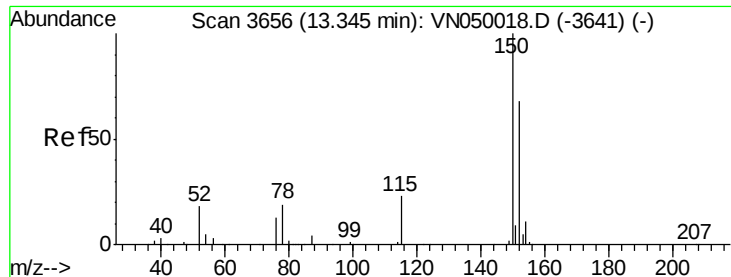


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

Instrument :

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NB-08-073018-B

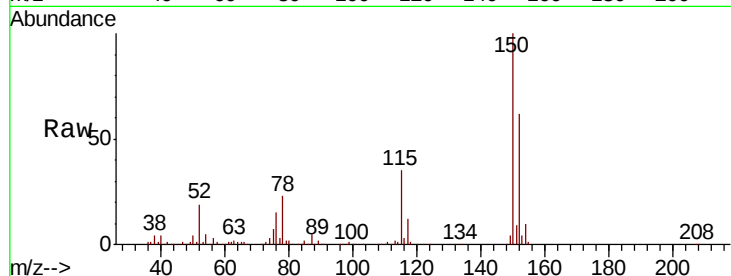
Tot Ion:152 Resp: 325595

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.3

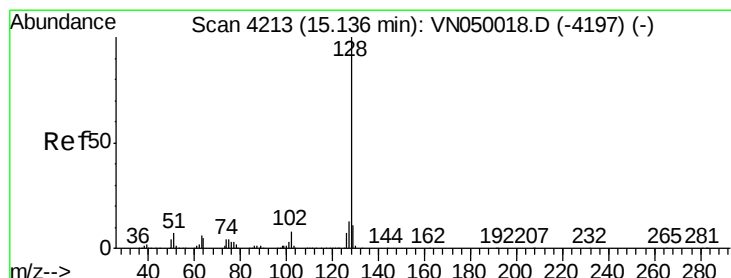
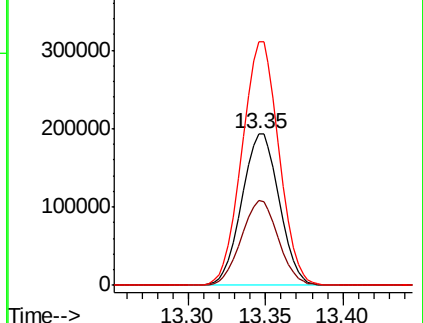
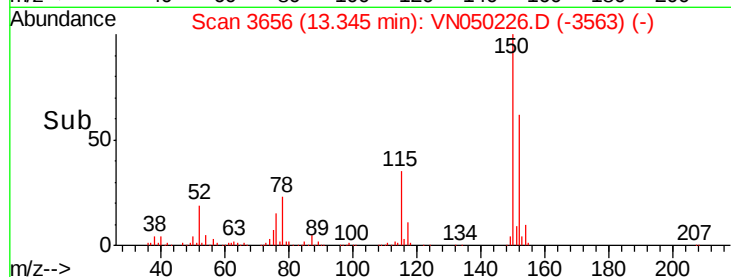
150 159.0 0.0 348.6



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



#95

Naphthalene

Concen: 8.868 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050226.D

Acq: 31 Jul 2018 19:51

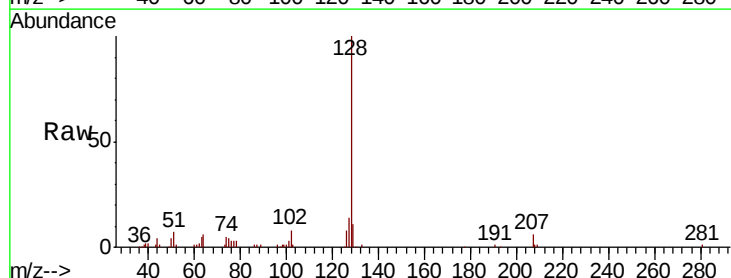
Tgt Ion:128 Resp: 72623

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.8 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

