

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049861.D
 Acq On : 17 Jul 2018 21:47
 Operator : MD\SY
 Sample : PB111173ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173ZHE#05

Quant Time: Jul 18 09:31:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

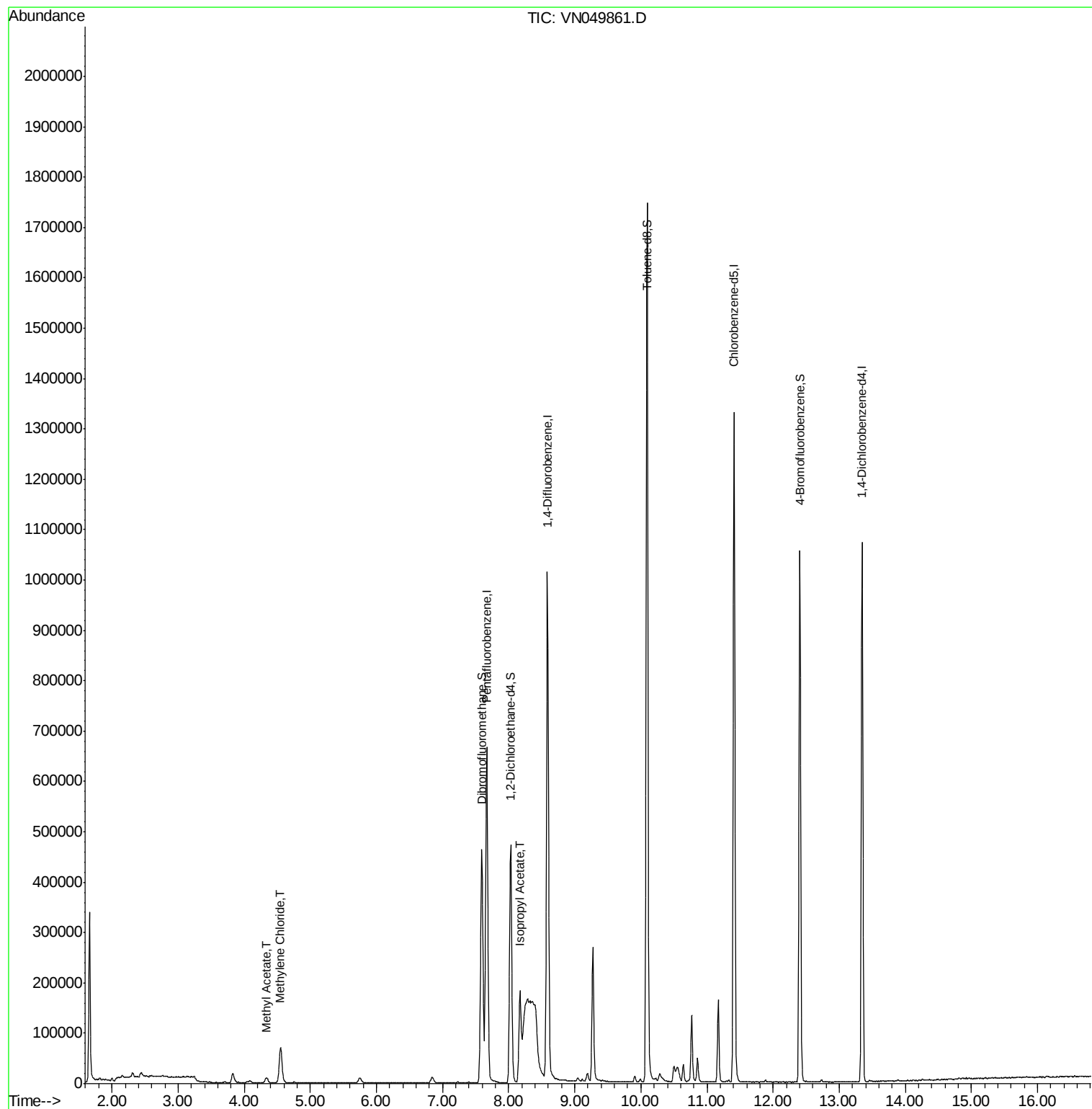
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	568716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	950451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	799816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	411061	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
35) Dibromofluoromethane	7.59	113	359171	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	1257335	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
62) 4-Bromofluorobenzene	12.40	95	357252	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
18) Methyl Acetate	4.33	43	20739	1.19	ug/l	93
20) Methylene Chloride	4.55	84	54546	6.35	ug/l	95
43) Isopropyl Acetate	8.17	43	231831	18.17	ug/l	99

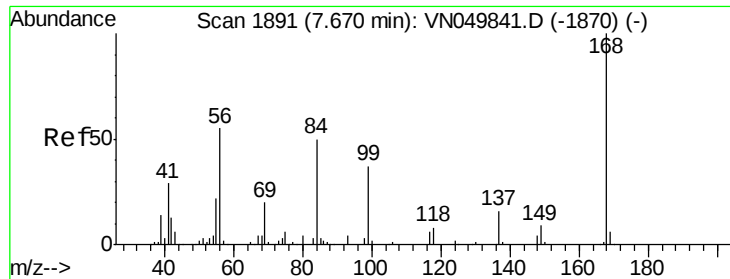
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049861.D

Acq: 17 Jul 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

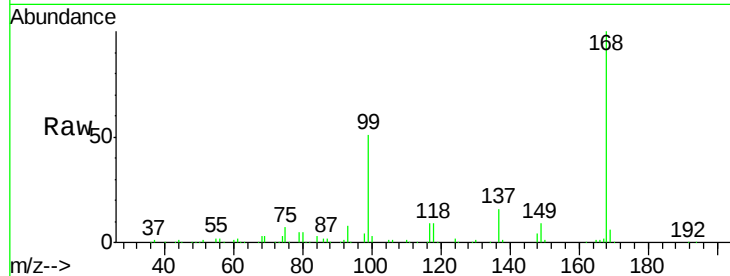
PB111173ZHE#05

Tot Ion:168 Resp: 568716

Ion Ratio Lower Upper

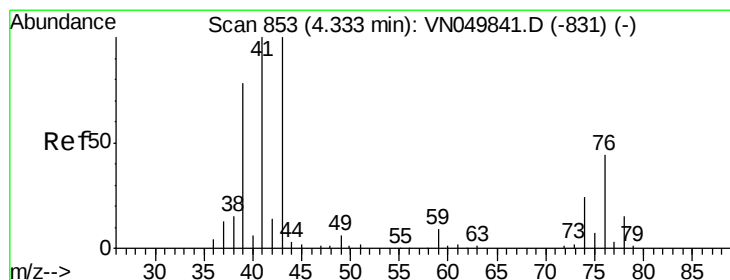
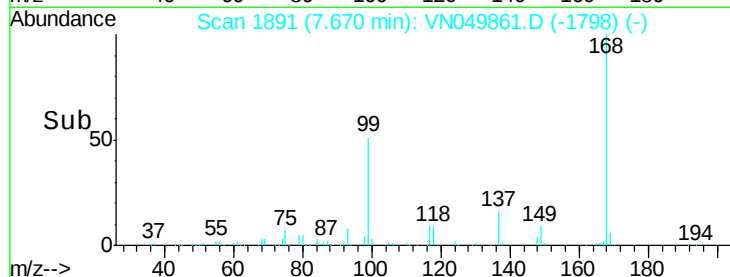
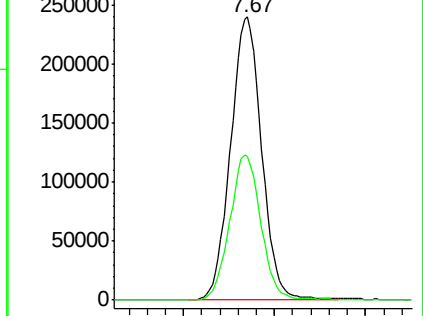
168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.19 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049861.D

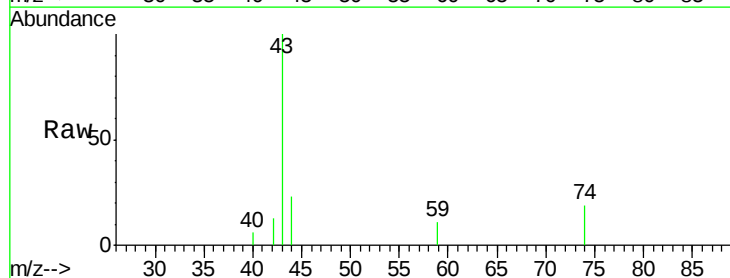
Acq: 17 Jul 2018 21:47

Tgt Ion: 43 Resp: 20739

Ion Ratio Lower Upper

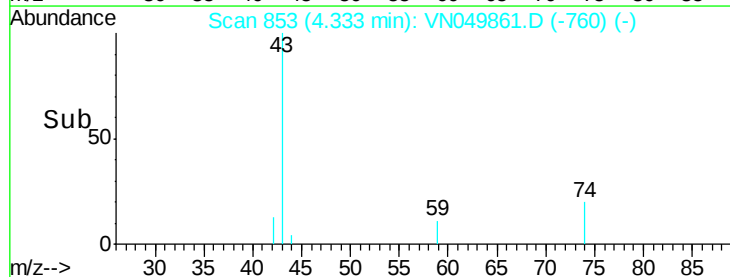
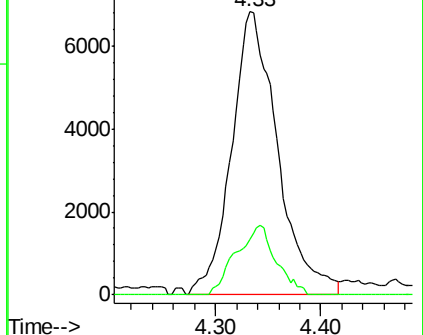
43 100

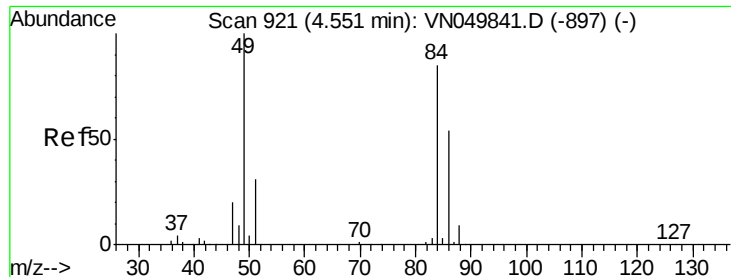
74 21.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

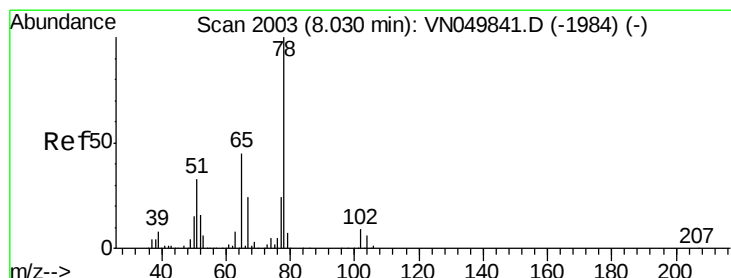
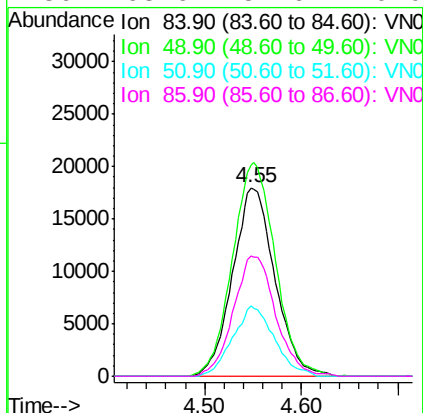
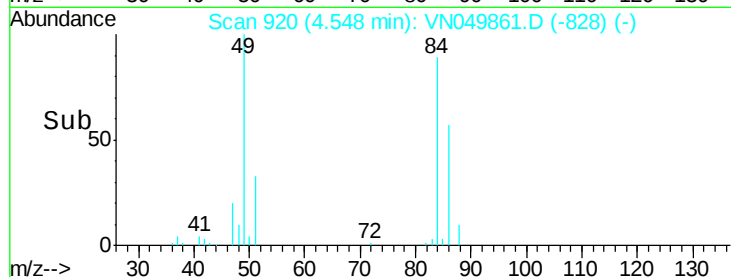
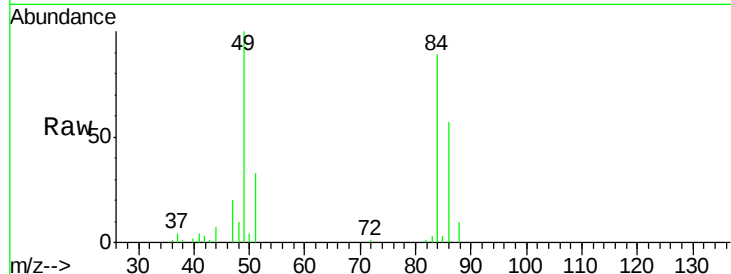




#20
Methylene Chloride
Concen: 6.35 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049861.D
Acq: 17 Jul 2018 21:47

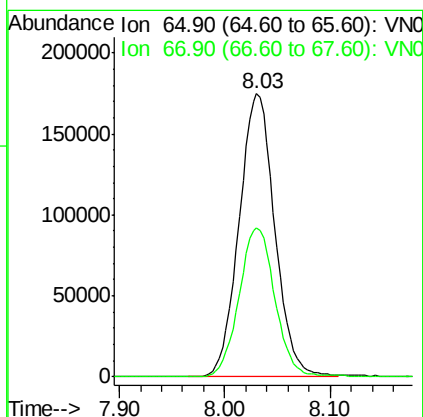
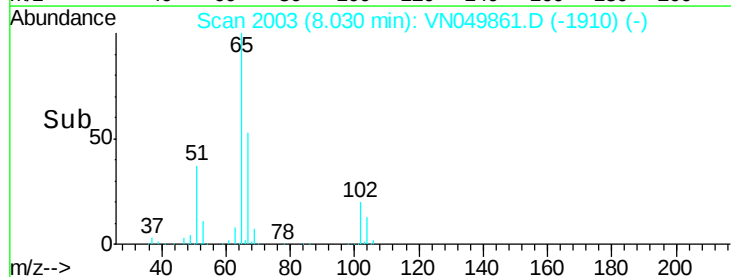
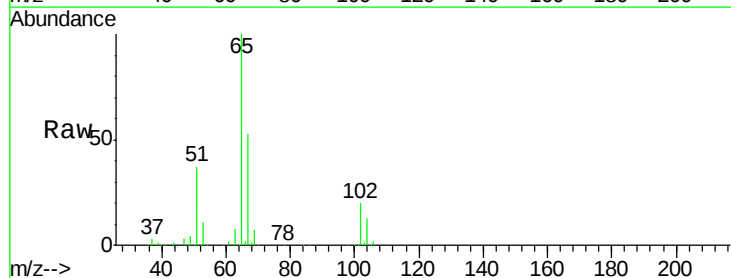
Instrument :
MSVOA_N
ClientSampleId :
PB111173ZHE#05

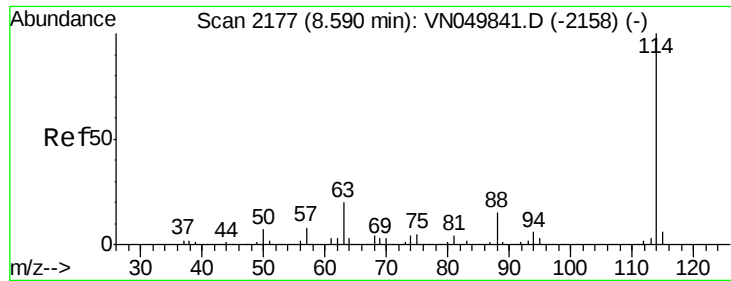
Tot Ion: 84 Resp: 54546
Ion Ratio Lower Upper
84 100
49 112.2 95.4 143.2
51 37.1 28.4 42.6
86 63.6 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 53.96 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN049861.D
Acq: 17 Jul 2018 21:47

Tgt Ion: 65 Resp: 411061
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2

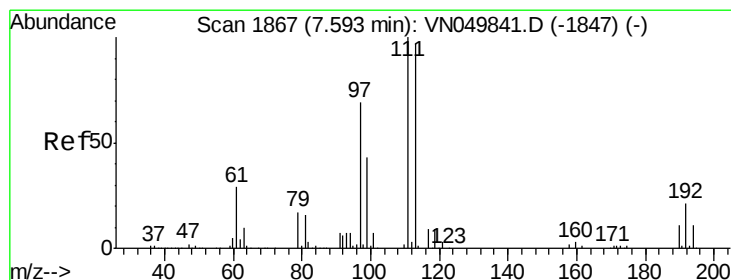
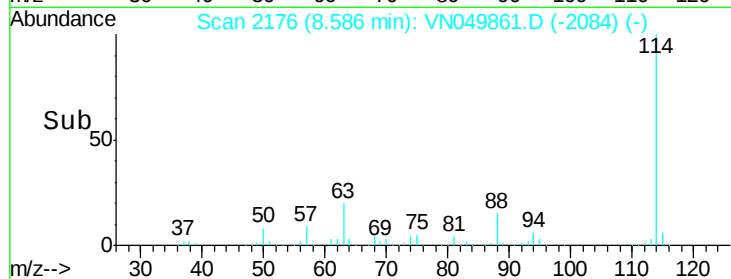
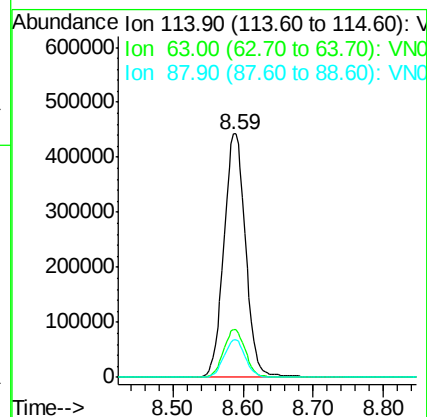
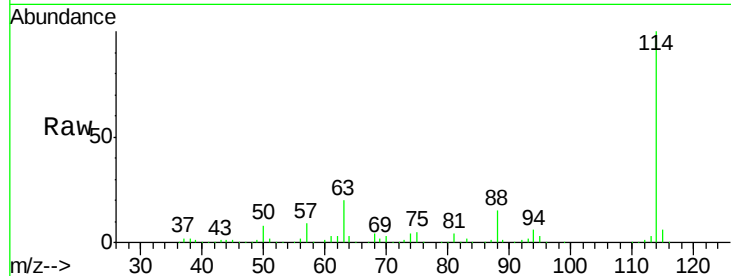




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049861.D
 Acq: 17 Jul 2018 21:47

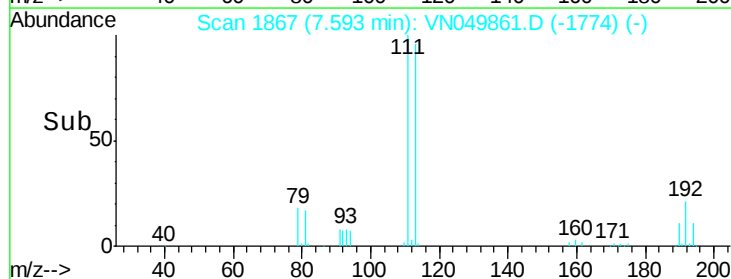
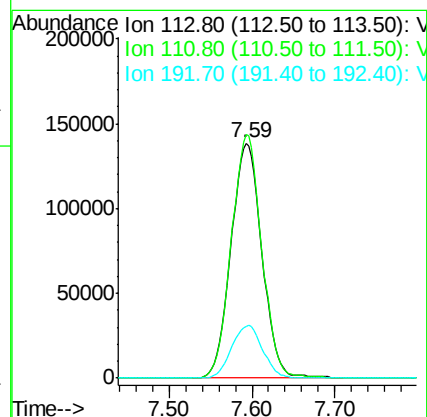
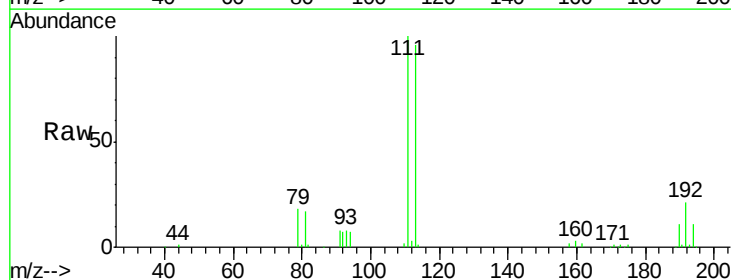
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173ZHE#05

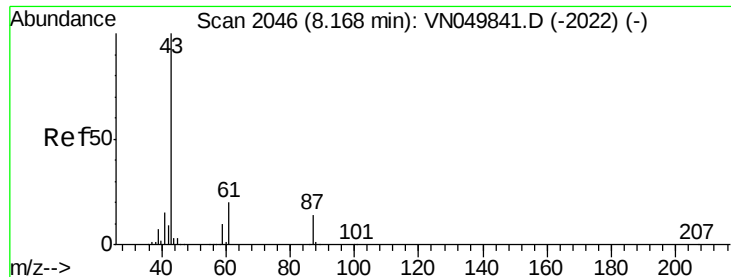
Tot Ion:114 Resp: 950451
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 47.64 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049861.D
 Acq: 17 Jul 2018 21:47

Tgt Ion:113 Resp: 359171
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 22.5 17.8 26.6





#43

Isopropyl Acetate

Concen: 18.17 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049861.D

Acq: 17 Jul 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#05

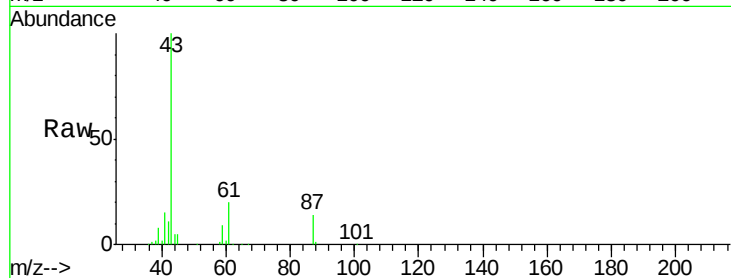
Tot Ion: 43 Resp: 231831

Ion Ratio Lower Upper

43 100

61 18.2 14.9 22.3

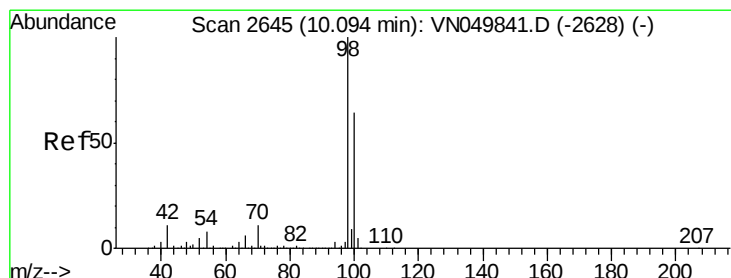
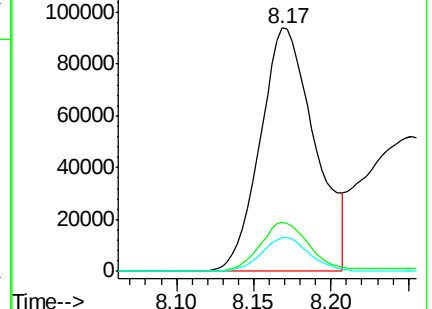
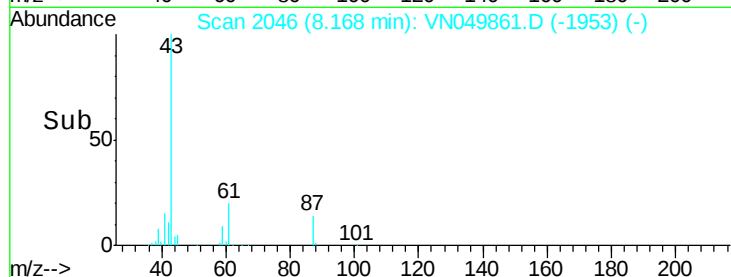
87 12.2 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049861.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049861.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049861.D (-1953) (-)



#50

Toluene-d8

Concen: 45.42 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN049861.D

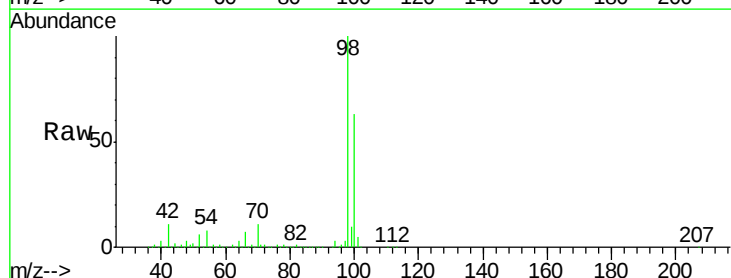
Acq: 17 Jul 2018 21:47

Tgt Ion: 98 Resp: 1257335

Ion Ratio Lower Upper

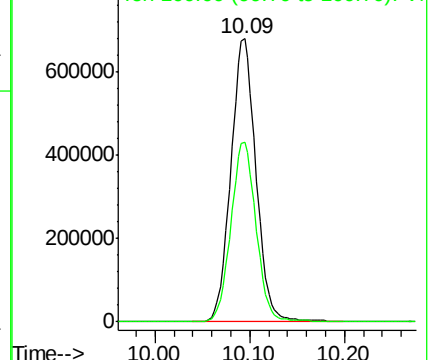
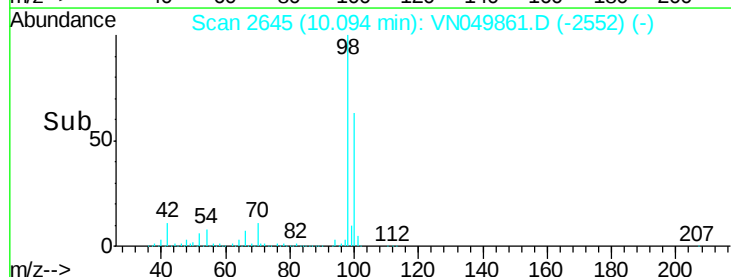
98 100

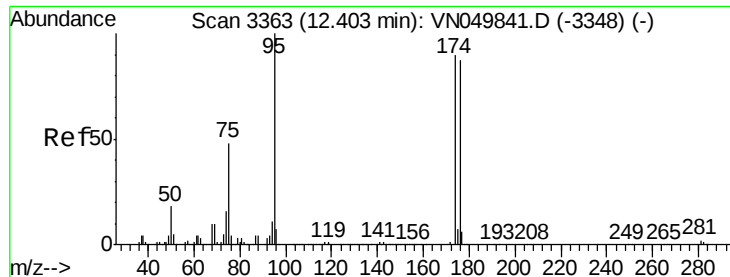
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049861.D (-2552) (-)

Ion 100.00 (99.70 to 100.70): VN049861.D (-2552) (-)





#62

4-Bromofluorobenzene

Concen: 38.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049861.D

Acq: 17 Jul 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

PB111173ZHE#05

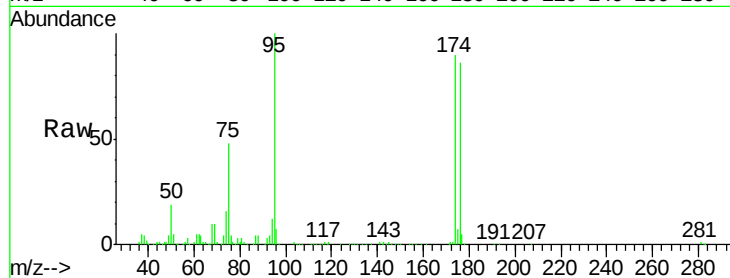
Tot Ion: 95 Resp: 357252

Ion Ratio Lower Upper

95 100

174 91.9 0.0 179.6

176 88.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049841.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049841.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049841.D (-3348) (-)

12.40

250000

200000

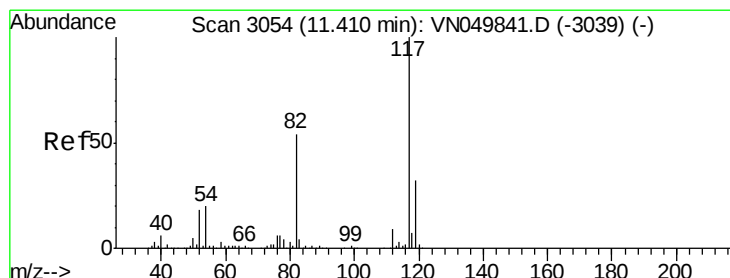
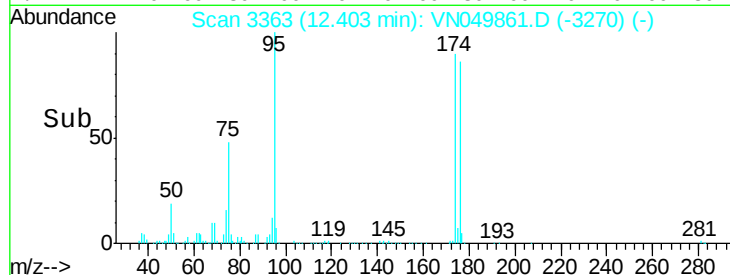
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049861.D

Acq: 17 Jul 2018 21:47

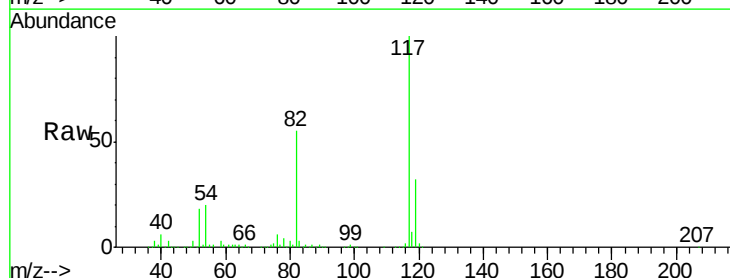
Tgt Ion: 117 Resp: 799816

Ion Ratio Lower Upper

117 100

82 54.6 41.9 62.9

119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN049841.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN049841.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN049841.D (-3039) (-)

11.41

600000

500000

400000

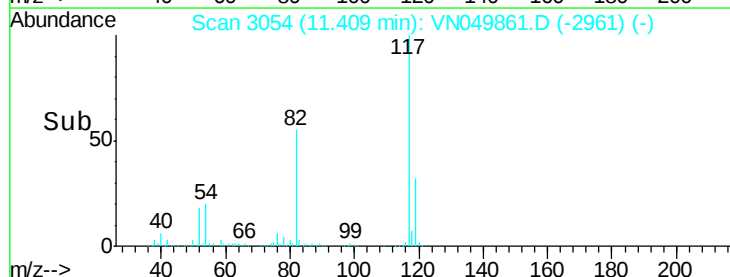
300000

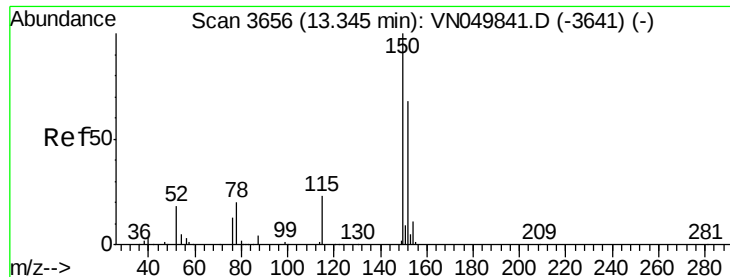
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049861.D

Acq: 17 Jul 2018 21:47

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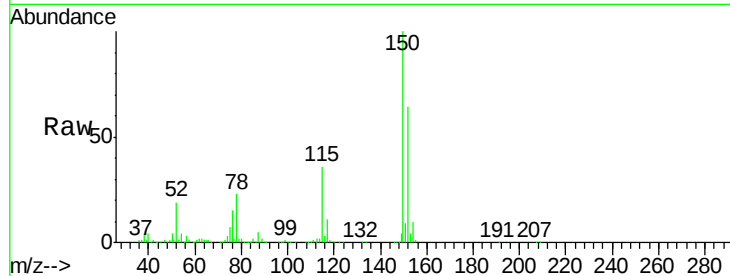
Tot Ion:152 Resp: 312658

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

150 156.3 0.0 347.6



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

