

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049914.D
 Acq On : 19 Jul 2018 14:15
 Operator : MD\SY
 Sample : PB111251ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#01

Quant Time: Jul 20 01:54:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	570679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	941487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291967	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	399800	50.97	ug/l	0.00
Spiked Amount						
			Recovery	=	101.94%	
35) Dibromofluoromethane	7.59	113	350210	44.31	ug/l	0.00
Spiked Amount						
			Recovery	=	88.62%	
50) Toluene-d8	10.09	98	1265119	43.93	ug/l	0.00
Spiked Amount						
			Recovery	=	87.86%	
62) 4-Bromofluorobenzene	12.40	95	358980	36.20	ug/l	0.00
Spiked Amount						
			Recovery	=	72.40%	

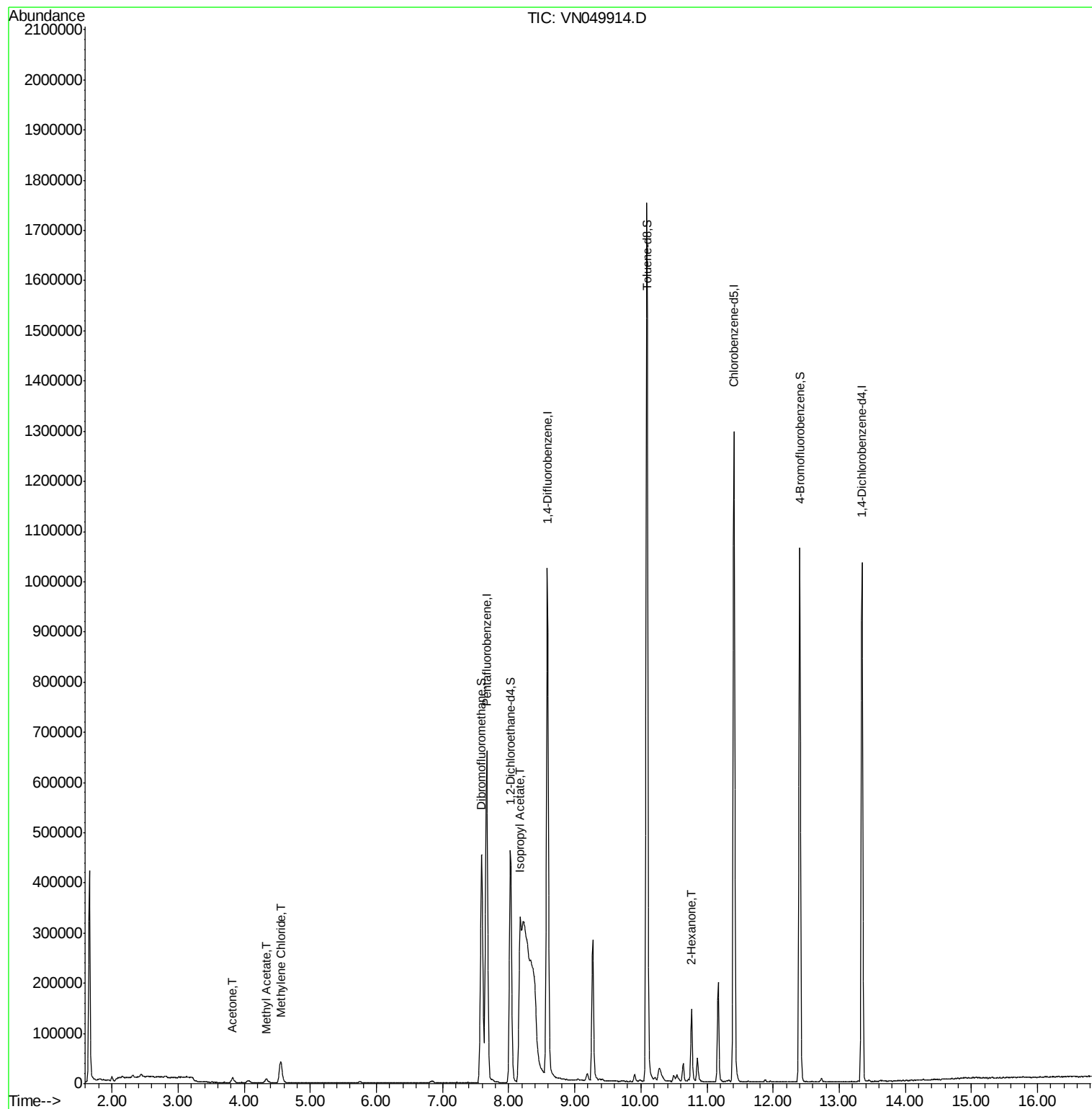
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	17298	8.52	ug/l	98
18) Methyl Acetate	4.33	43	15412	1.62	ug/l	93
20) Methylene Chloride	4.55	84	32941	4.27	ug/l	97
43) Isopropyl Acetate	8.17	43	413480	32.92	ug/l #	86
59) 2-Hexanone	10.77	43	20355	4.32	ug/l #	58

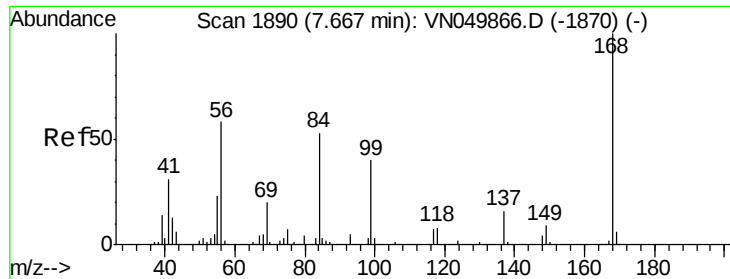
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049914.D

Acq: 19 Jul 2018 14:15

Instrument :

MSVOA_N

ClientSampleId :

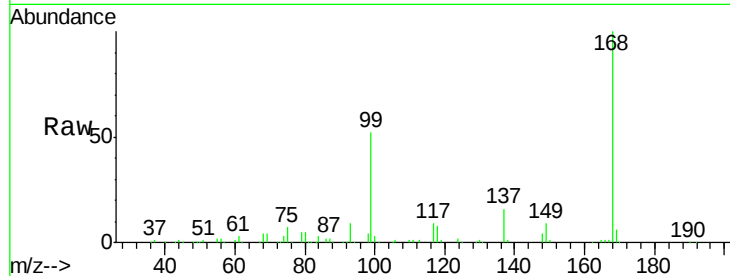
PB111251ZHE#01

Tot Ion:168 Resp: 570679

Ion Ratio Lower Upper

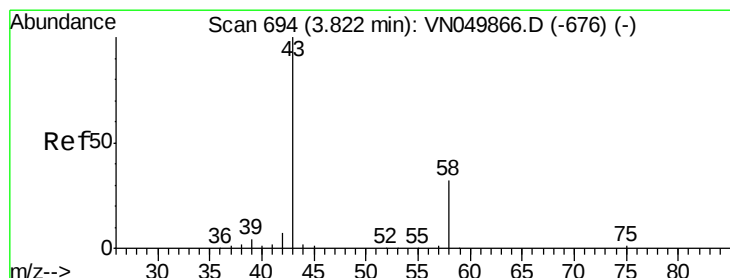
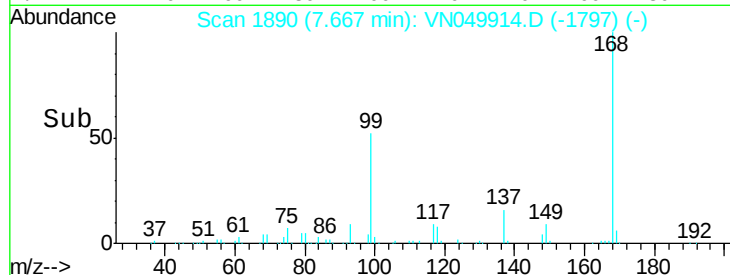
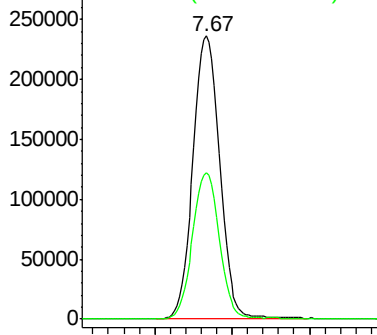
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.52 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049914.D

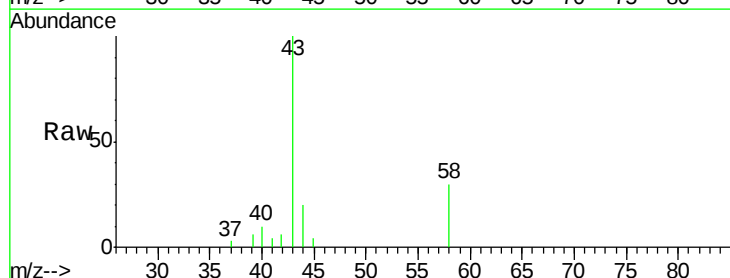
Acq: 19 Jul 2018 14:15

Tgt Ion: 43 Resp: 17298

Ion Ratio Lower Upper

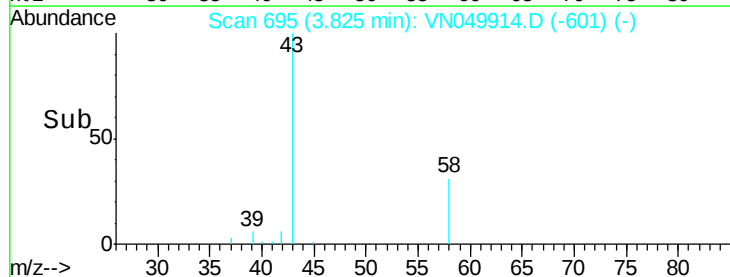
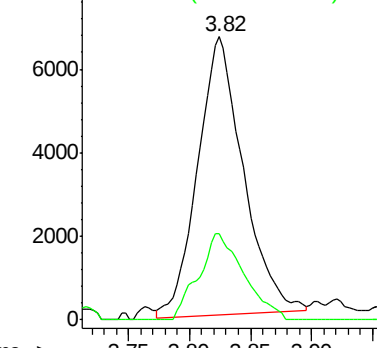
43 100

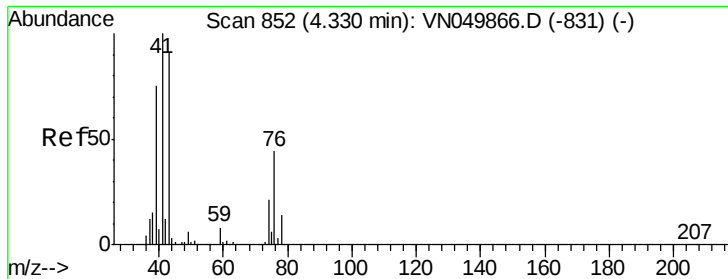
58 31.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

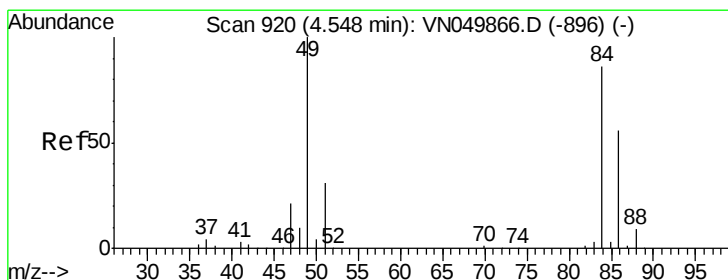
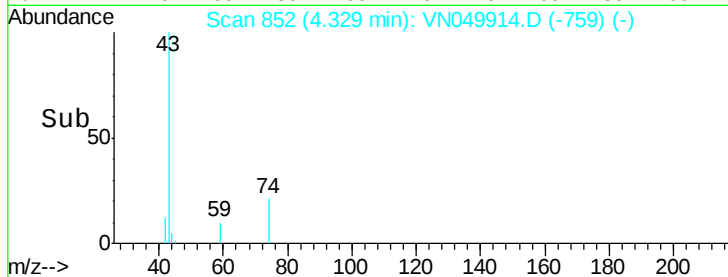
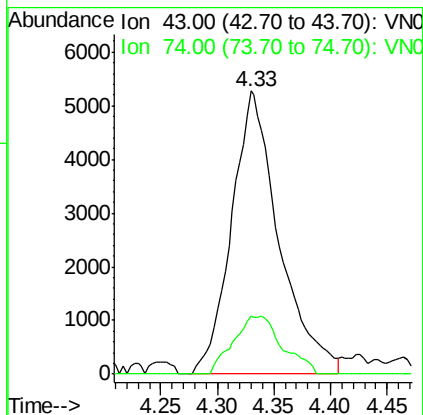
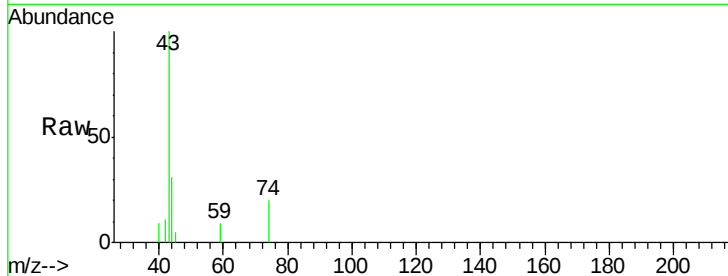




#18
Methyl Acetate
Concen: 1.62 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049914.D
Acq: 19 Jul 2018 14:15

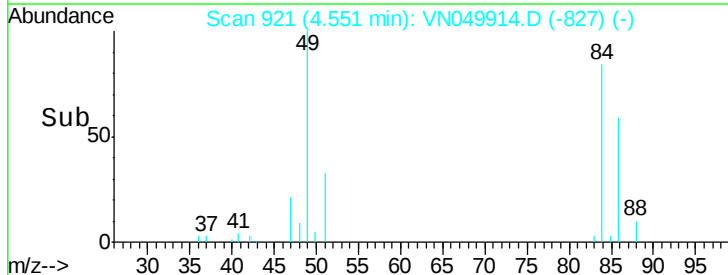
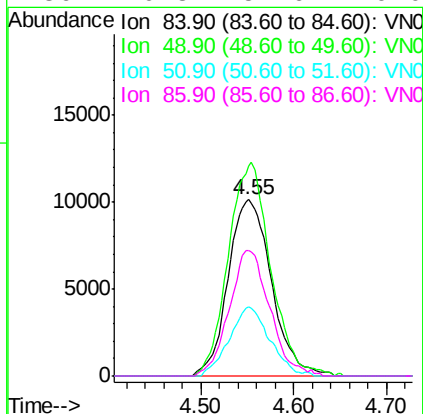
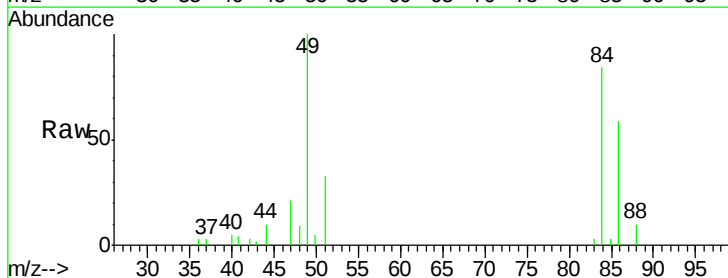
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#01

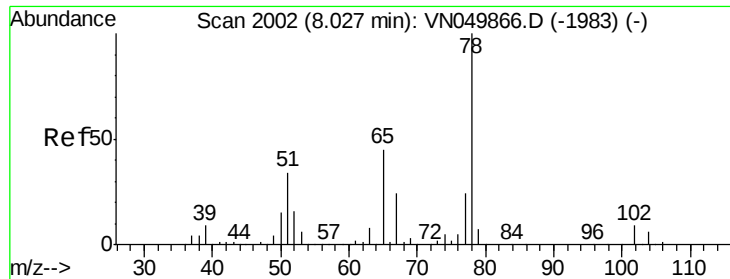
Tot Ion: 43 Resp: 15412
Ion Ratio Lower Upper
43 100
74 21.1 19.8 29.8



#20
Methylene Chloride
Concen: 4.27 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049914.D
Acq: 19 Jul 2018 14:15

Tgt Ion: 84 Resp: 32941
Ion Ratio Lower Upper
84 100
49 119.2 95.4 143.2
51 39.3 28.4 42.6
86 70.8 52.6 79.0

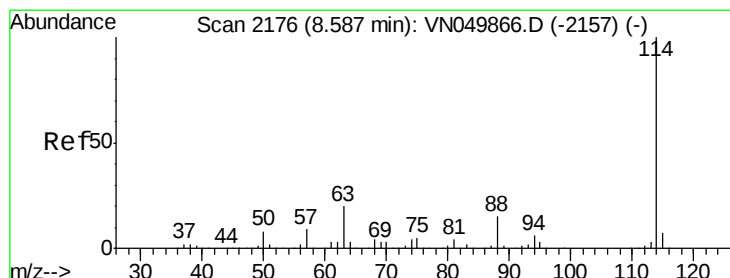
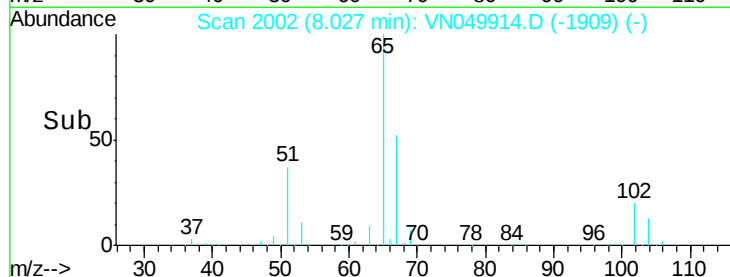
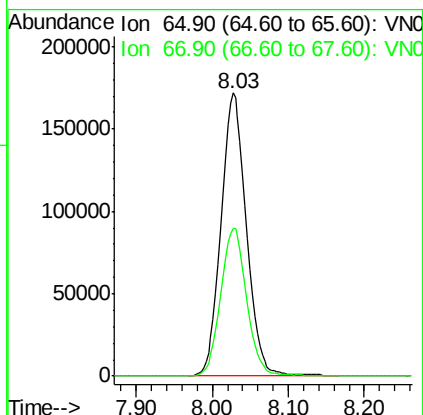
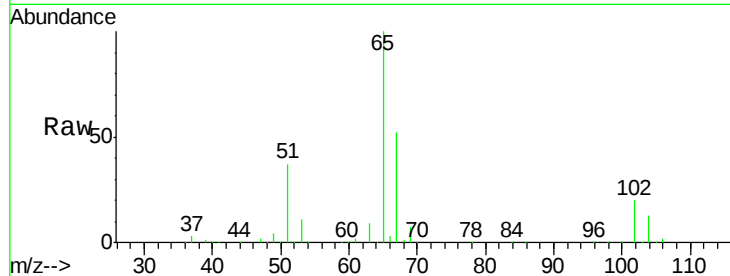




#33
 1,2-Dichloroethane-d4
 Concen: 50.97 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049914.D
 Acq: 19 Jul 2018 14:15

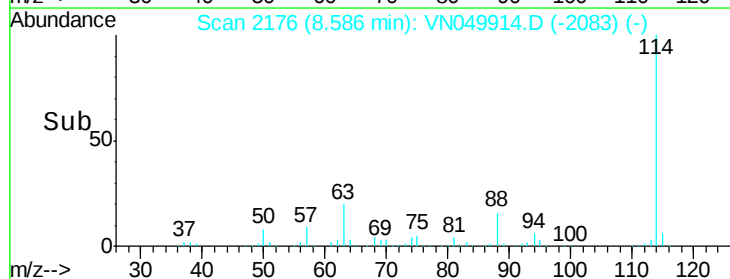
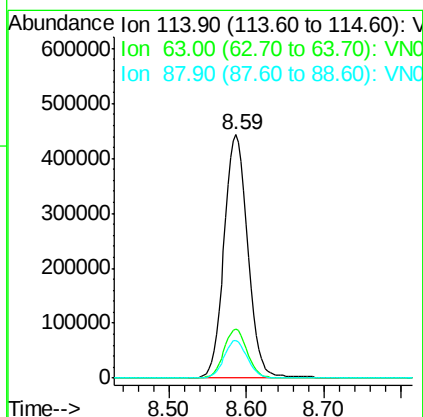
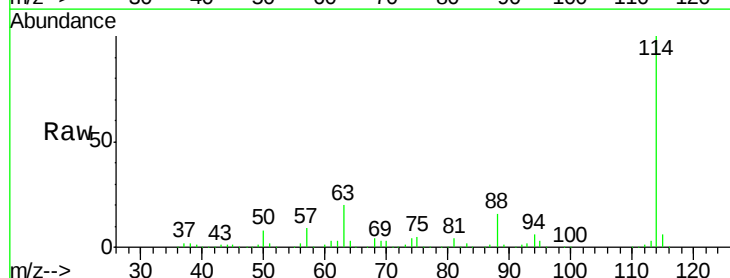
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#01

Tot Ion: 65 Resp: 399800
 Ion Ratio Lower Upper
 65 100
 67 53.2 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: VN049914.D
 Acq: 19 Jul 2018 14:15

Tgt Ion: 114 Resp: 941487
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.5 0.0 30.6

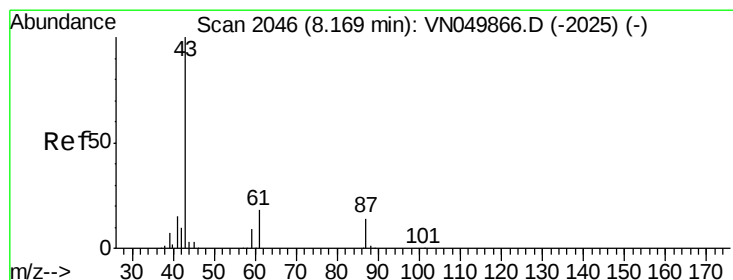
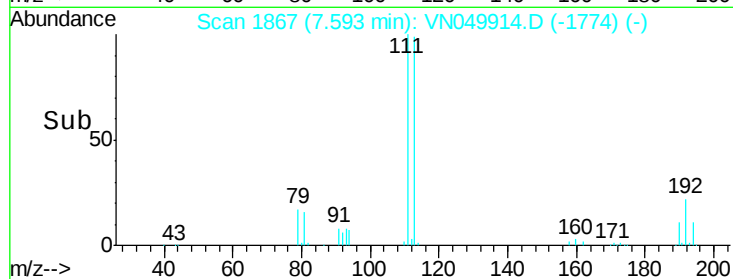
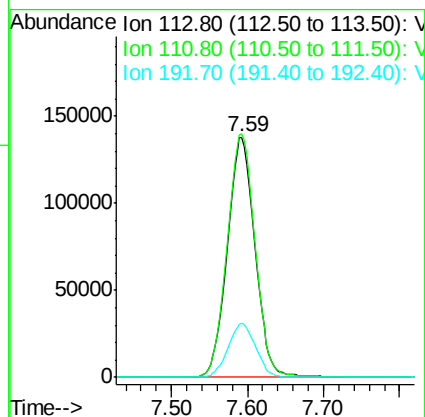
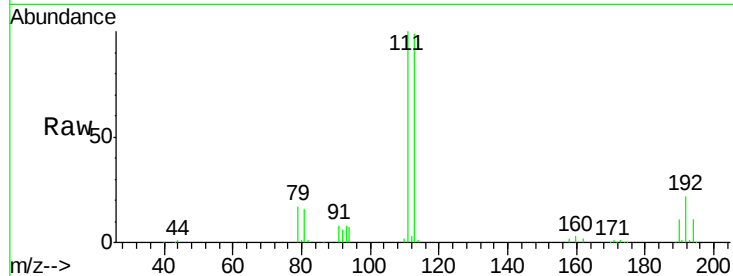




#35
 Dibromofluoromethane
 Concen: 44.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049914.D
 Acq: 19 Jul 2018 14:15

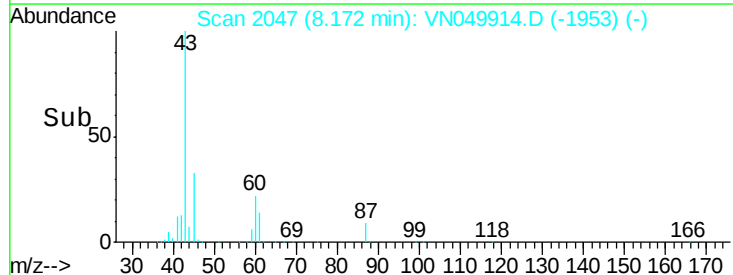
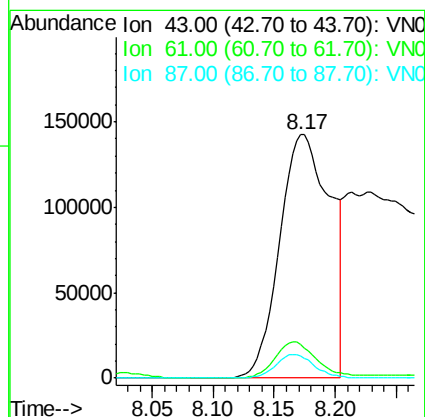
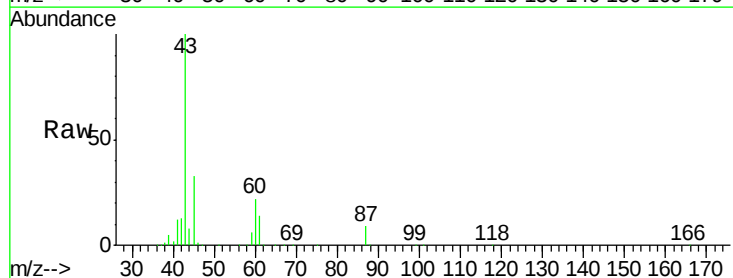
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#01

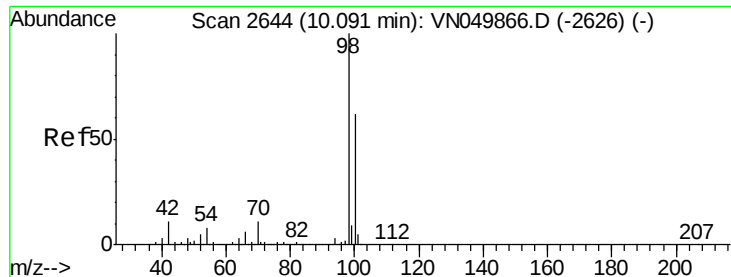
Tot Ion:113 Resp: 350210
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 22.4 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 32.92 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049914.D
 Acq: 19 Jul 2018 14:15

Tgt Ion: 43 Resp: 413480
 Ion Ratio Lower Upper
 43 100
 61 12.3 14.9 22.3#
 87 7.5 10.0 15.0#





#50

Toluene-d8

Concen: 43.93 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049914.D

Acq: 19 Jul 2018 14:15

Instrument :

MSVOA_N

ClientSampleId :

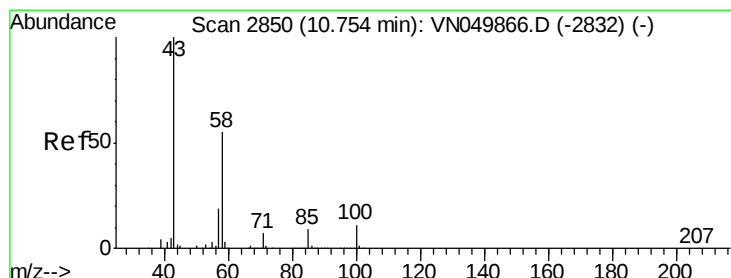
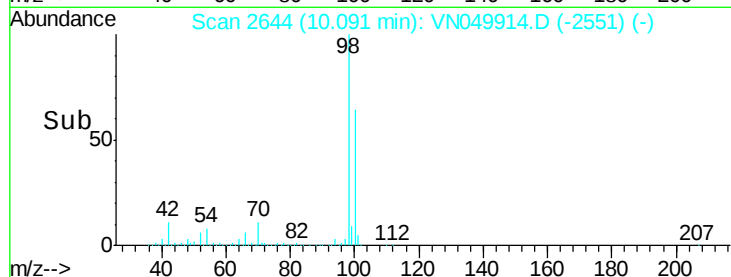
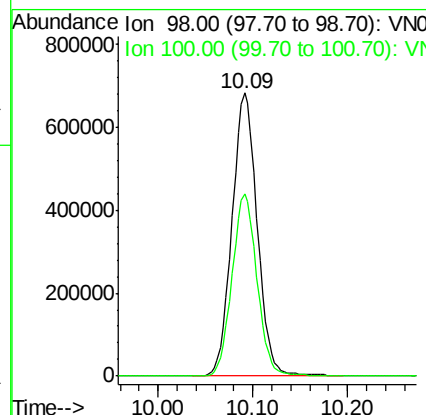
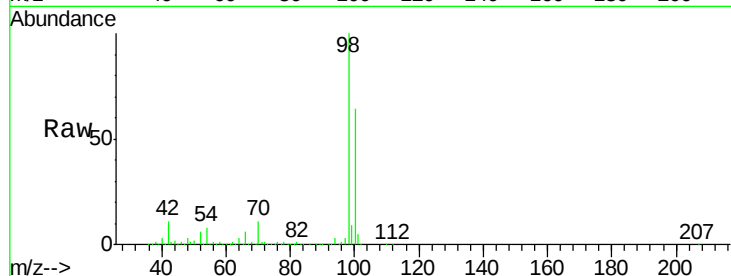
PB111251ZHE#01

Tot Ion: 98 Resp: 1265119

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#59

2-Hexanone

Concen: 4.32 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049914.D

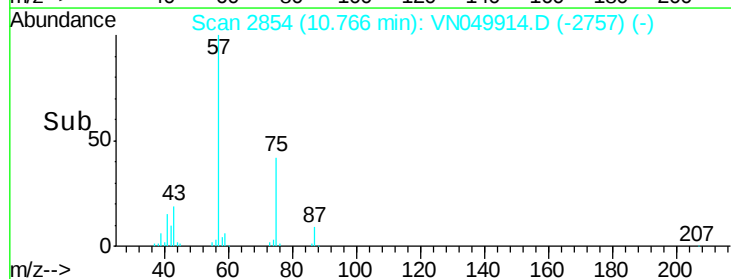
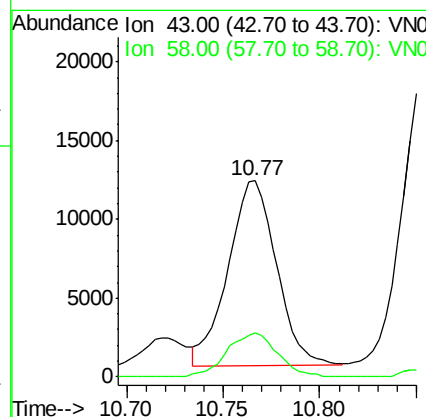
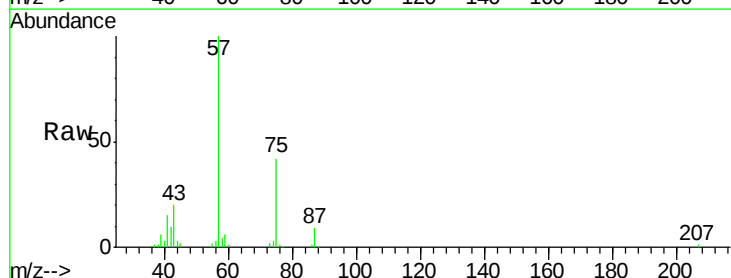
Acq: 19 Jul 2018 14:15

Tgt Ion: 43 Resp: 20355

Ion Ratio Lower Upper

43 100

58 25.0 27.8 83.4#

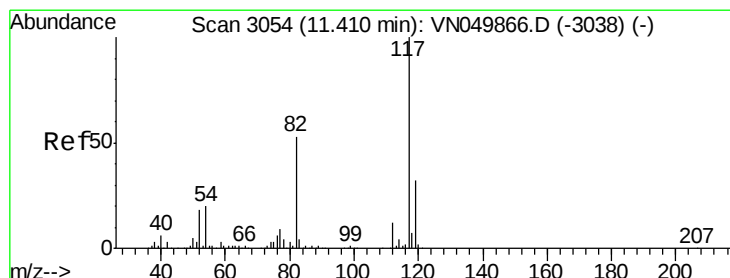
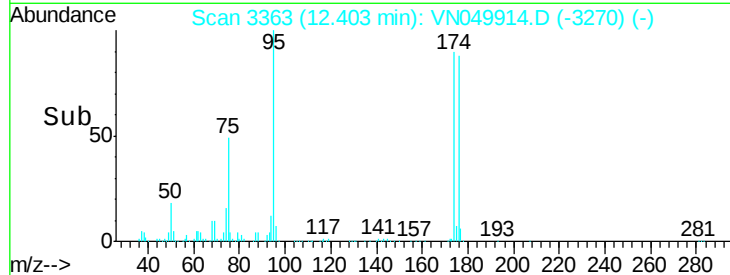
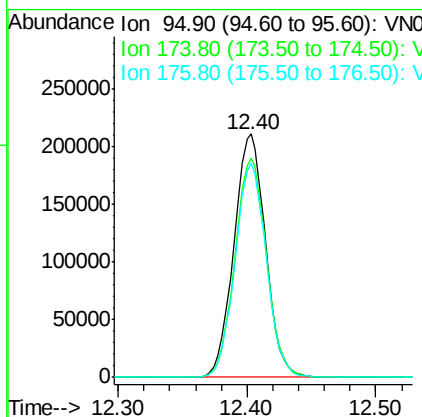
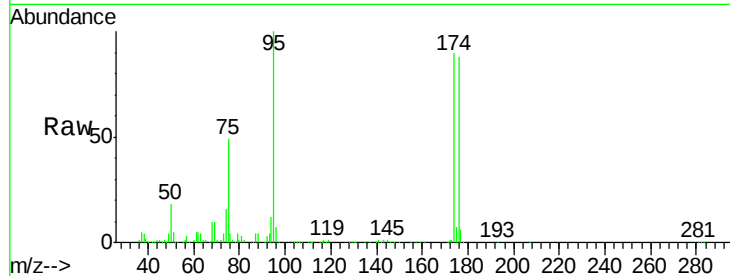




#62
4-Bromofluorobenzene
Concen: 36.20 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049914.D
Acq: 19 Jul 2018 14:15

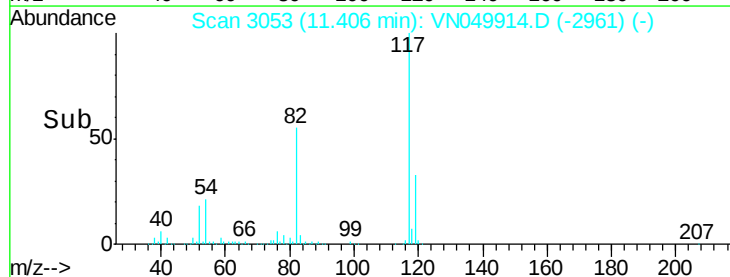
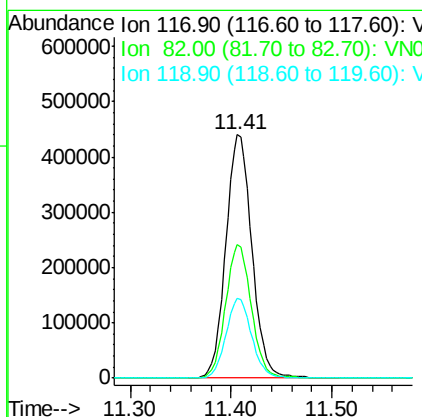
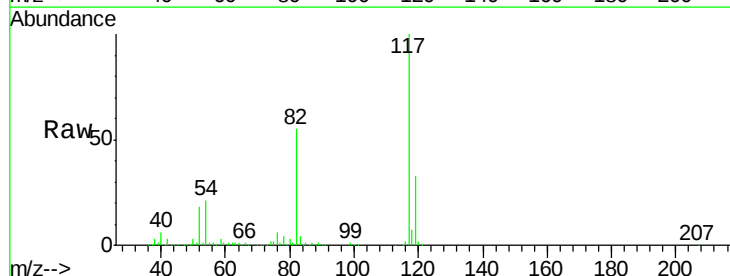
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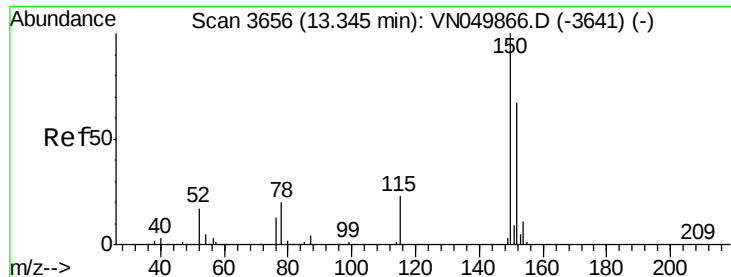
Tot Ion: 95 Resp: 358980
Ion Ratio Lower Upper
95 100
174 90.3 0.0 179.6
176 86.6 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049914.D
Acq: 19 Jul 2018 14:15

Tgt Ion: 117 Resp: 794147
Ion Ratio Lower Upper
117 100
82 55.1 41.9 62.9
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049914.D

Acq: 19 Jul 2018 14:15

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#01

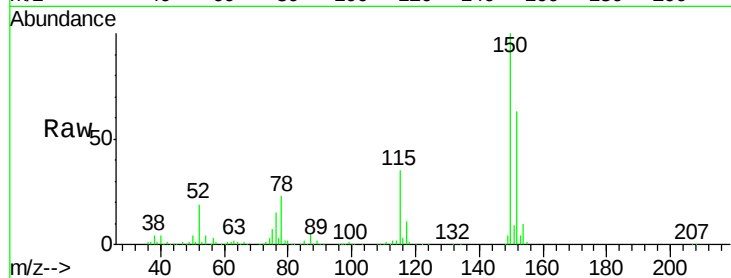
Tot Ion:152 Resp: 291967

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 158.6 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

