

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050988.D
 Acq On : 31 Aug 2018 15:15
 Operator : MD\SY
 Sample : PB112510ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#01

Quant Time: Aug 31 23:48:39 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

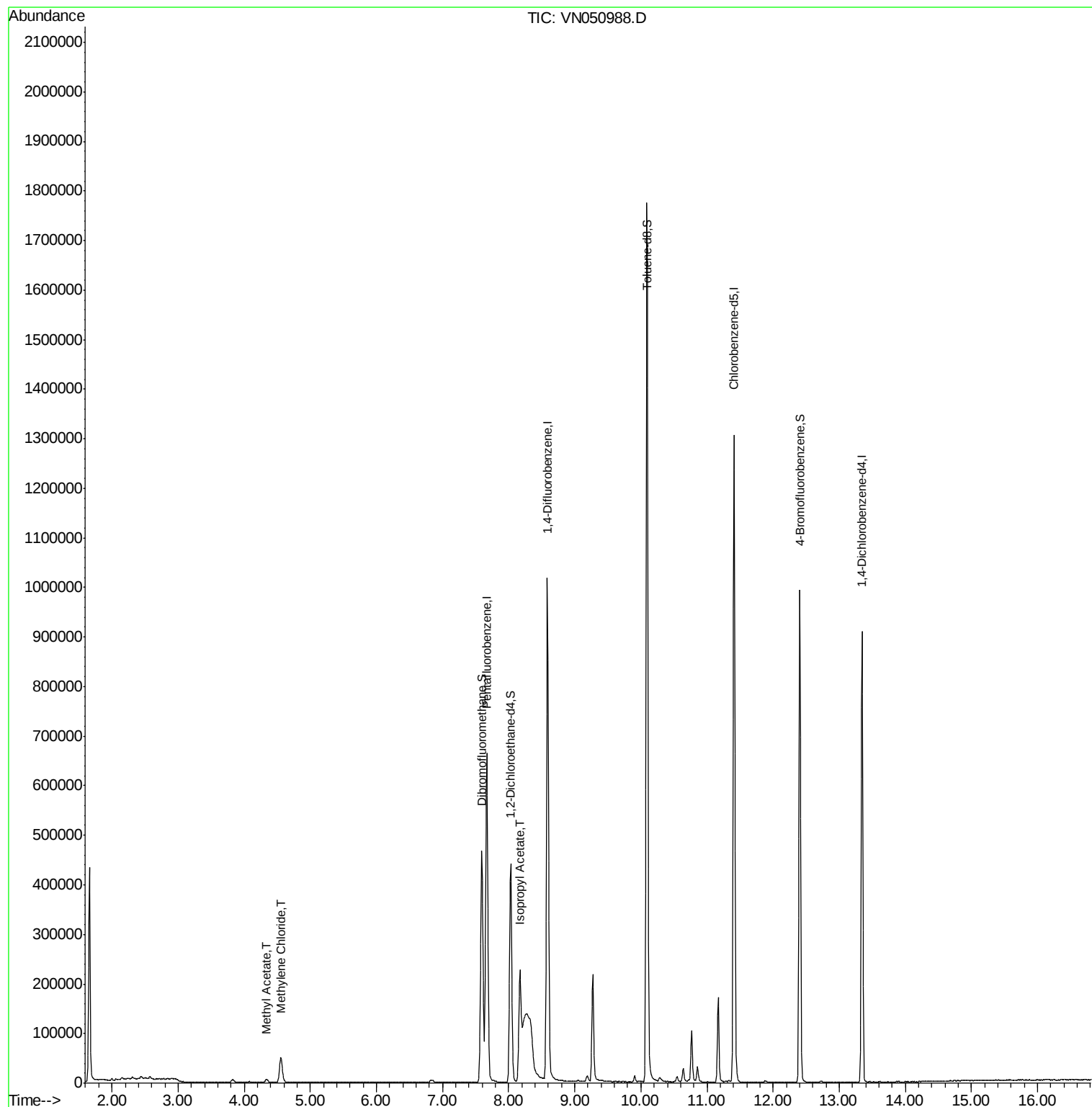
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	966413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	819145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	379735	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
35) Dibromofluoromethane	7.59	113	363576	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	1307144	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	12.40	95	342011	35.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.62%	
Target Compounds						
18) Methyl Acetate	4.34	43	13725	2.08	ug/l #	89
20) Methylene Chloride	4.55	84	39385	5.00	ug/l	97
43) Isopropyl Acetate	8.17	43	292782	25.99	ug/l #	92

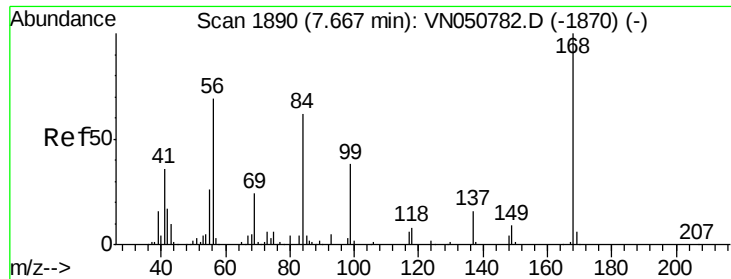
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050988.D

Acq: 31 Aug 2018 15:15

Instrument :

MSVOA_N

ClientSampleId :

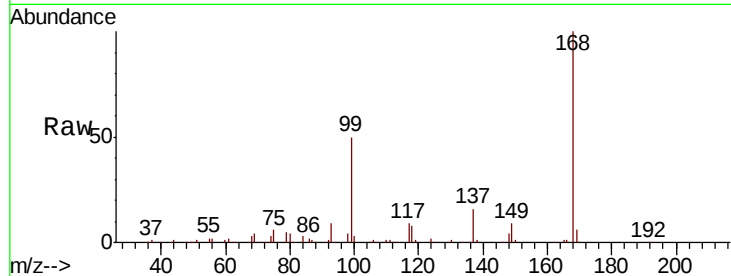
PB112510ZHE#01

Tot Ion:168 Resp: 580041

Ion Ratio Lower Upper

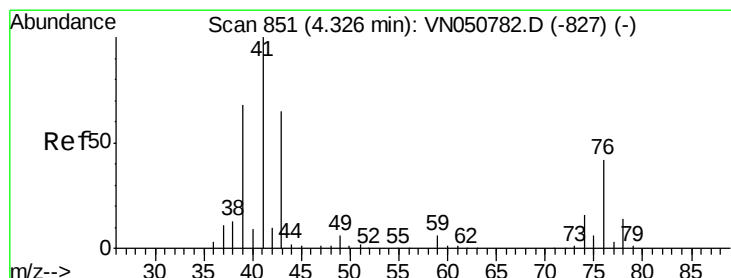
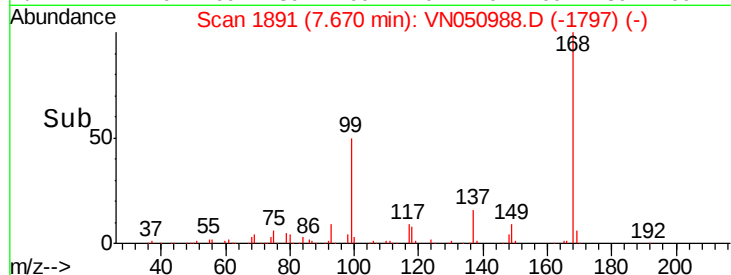
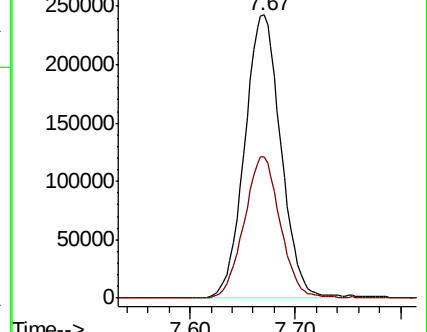
168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.08 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050988.D

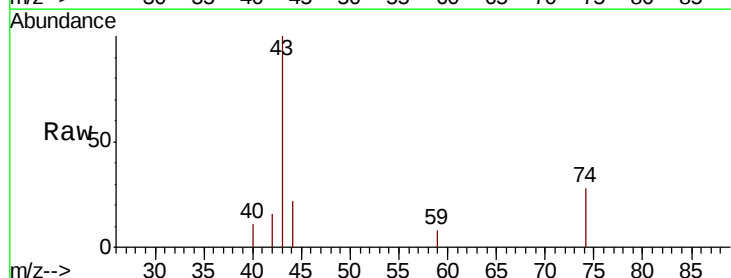
Acq: 31 Aug 2018 15:15

Tgt Ion: 43 Resp: 13725

Ion Ratio Lower Upper

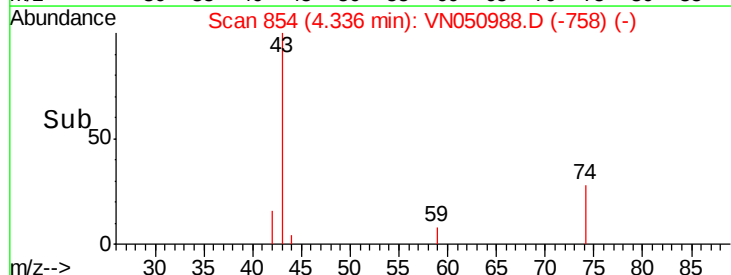
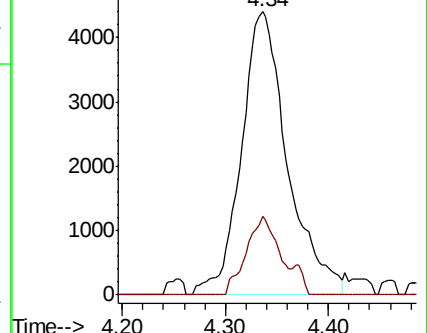
43 100

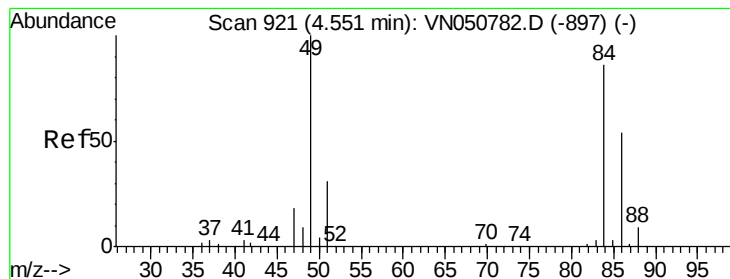
74 19.4 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#20

Methylene Chloride

Concen: 5.00 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050988.D

Acq: 31 Aug 2018 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#01

Tot Ion: 84 Resp: 39385

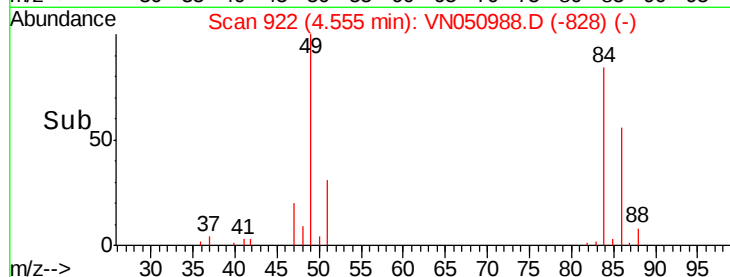
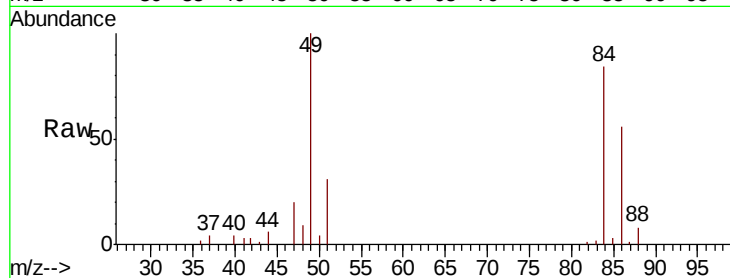
Ion Ratio Lower Upper

84 100

49 118.2 93.2 139.8

51 36.7 29.0 43.6

86 67.3 49.8 74.8

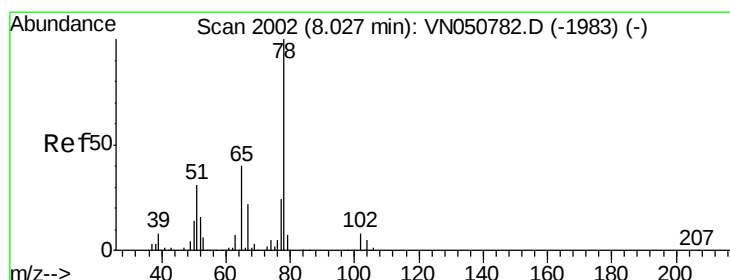
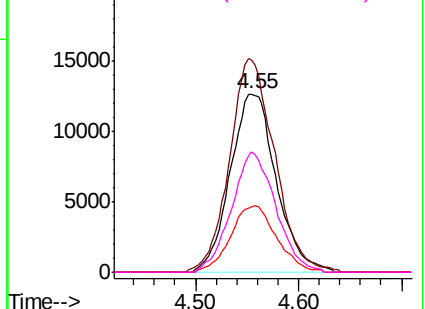


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.38 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050988.D

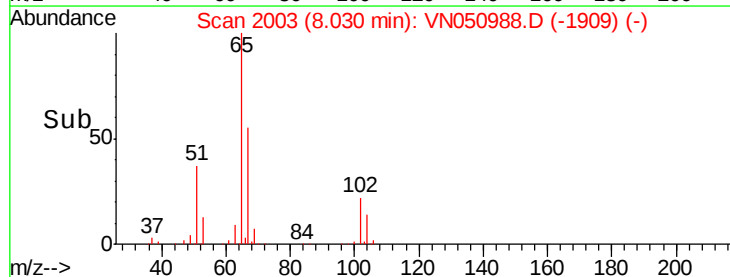
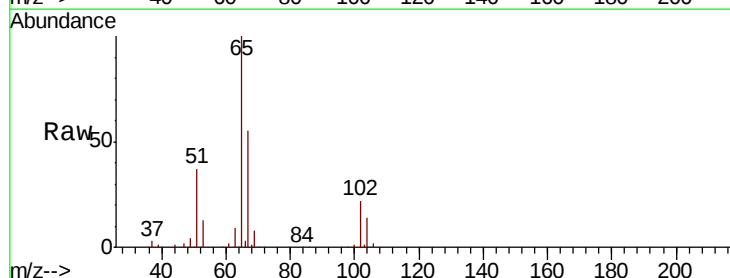
Acq: 31 Aug 2018 15:15

Tgt Ion: 65 Resp: 379735

Ion Ratio Lower Upper

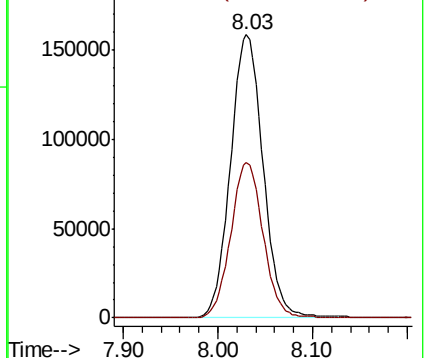
65 100

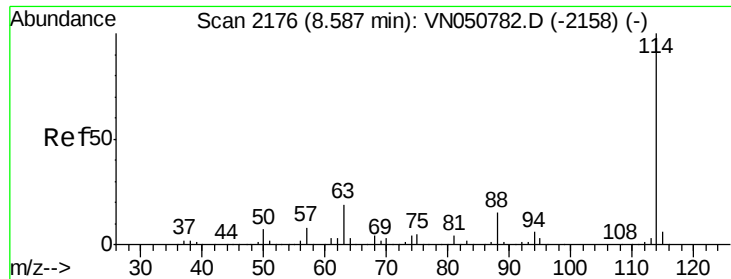
67 54.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

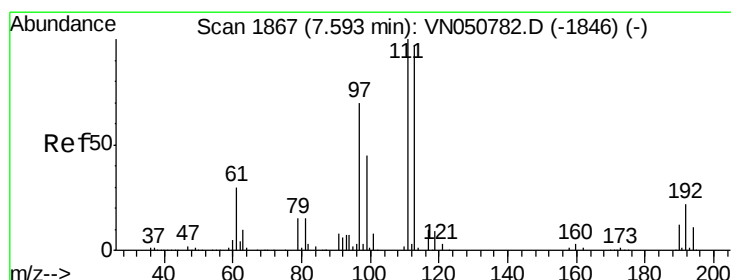
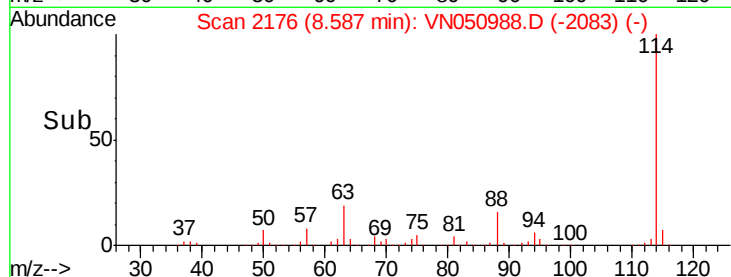
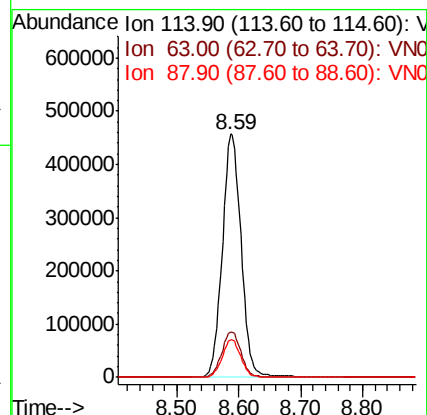
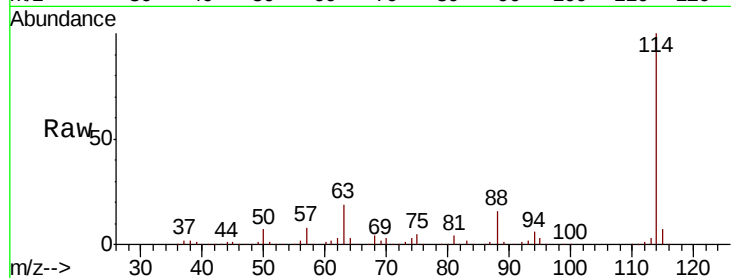




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050988.D
 Acq: 31 Aug 2018 15:15

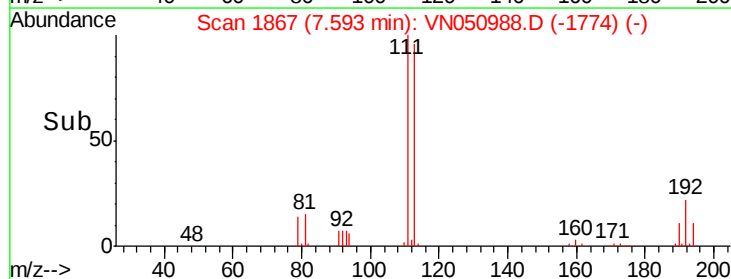
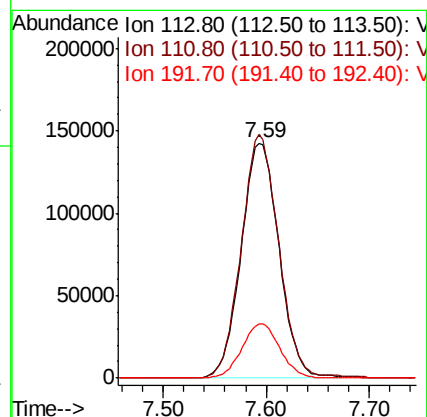
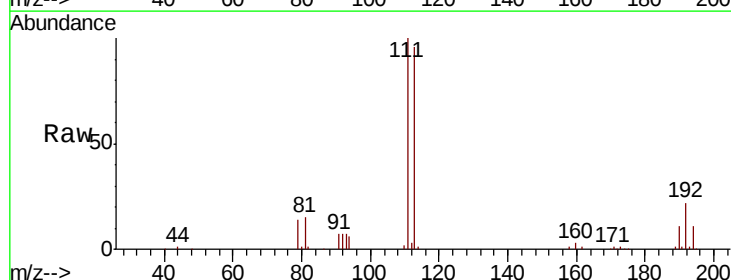
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#01

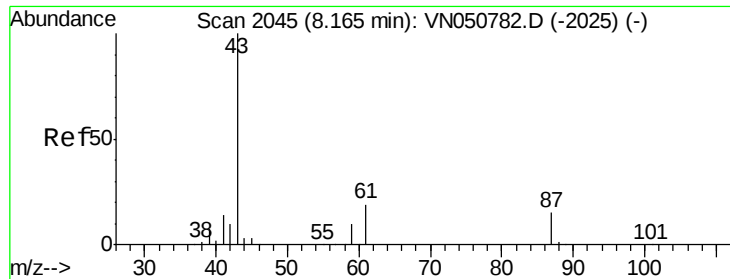
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.6
88	15.5	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.29 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050988.D
 Acq: 31 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.3	18.0	27.0



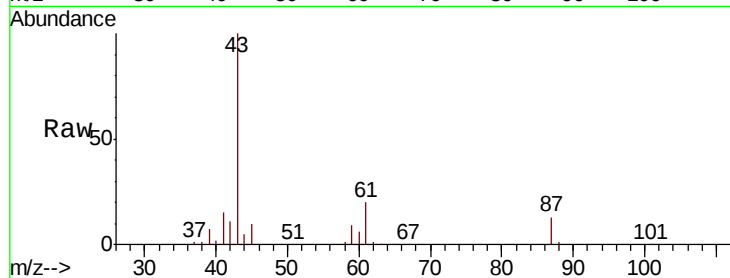


#43

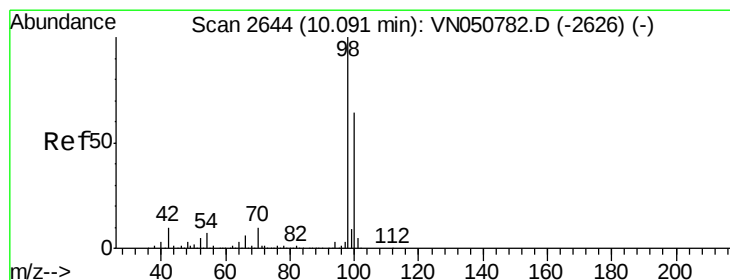
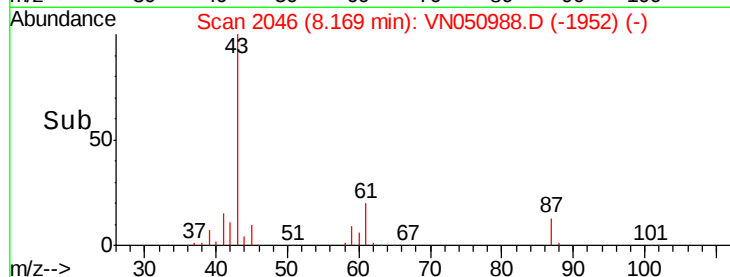
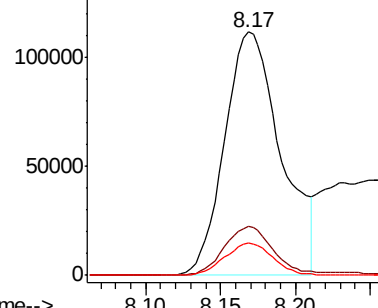
Isopropyl Acetate
 Concen: 25.99 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050988.D
 Acq: 31 Aug 2018 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#01

Tot Ion: 43 Resp: 292782
 Ion Ratio Lower Upper
 43 100
 61 17.4 17.5 26.3#
 87 11.5 11.3 16.9



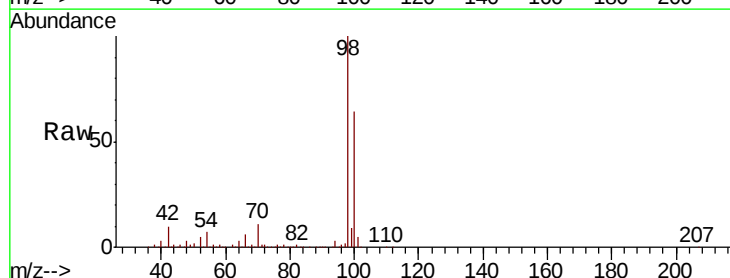
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



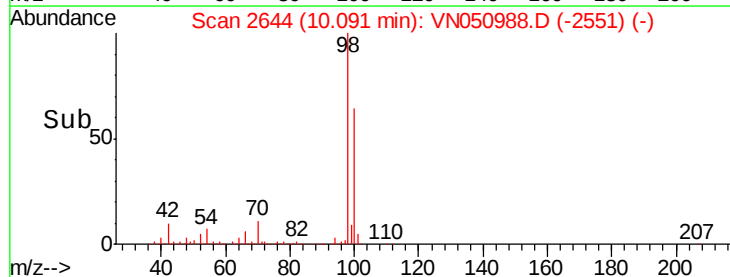
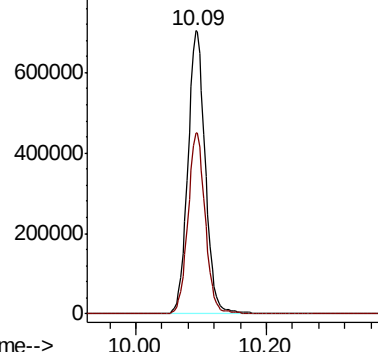
#50

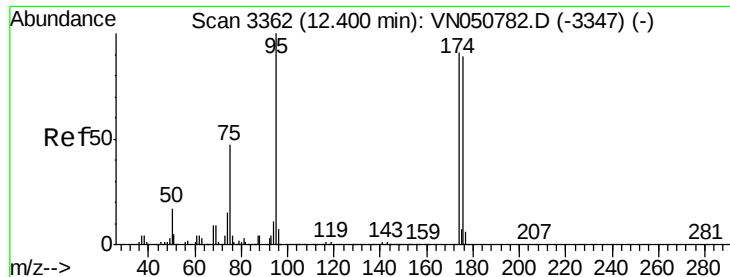
Toluene-d8
 Concen: 45.47 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050988.D
 Acq: 31 Aug 2018 15:15

Tgt Ion: 98 Resp: 1307144
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050988.D

Acq: 31 Aug 2018 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#01

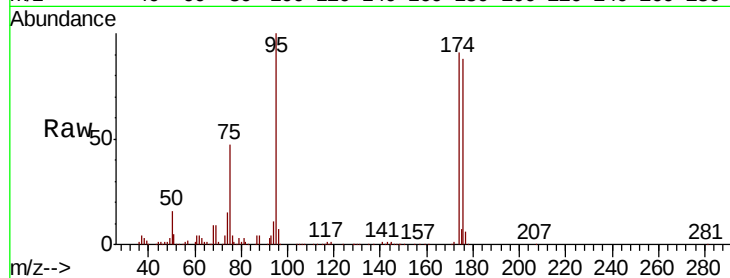
Tot Ion: 95 Resp: 342011

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

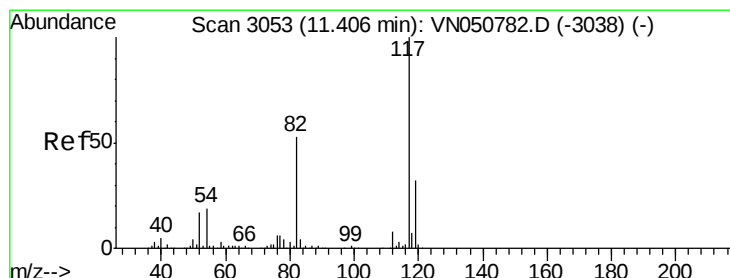
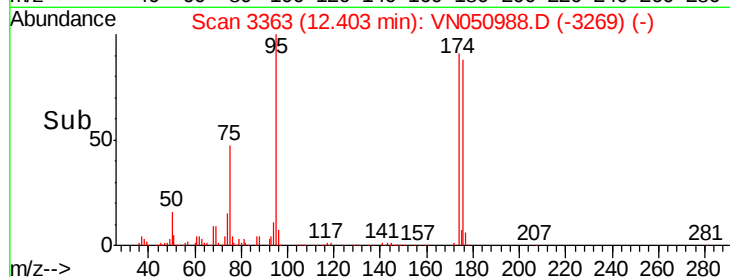
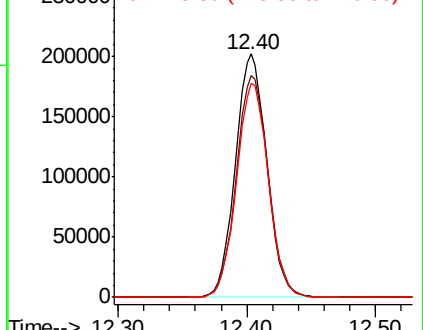
176 89.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050988.D

Acq: 31 Aug 2018 15:15

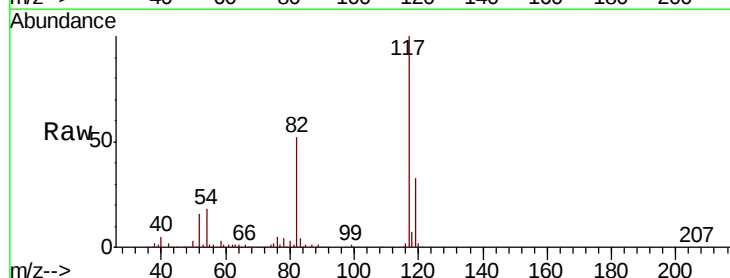
Tgt Ion: 117 Resp: 819145

Ion Ratio Lower Upper

117 100

82 52.0 42.6 64.0

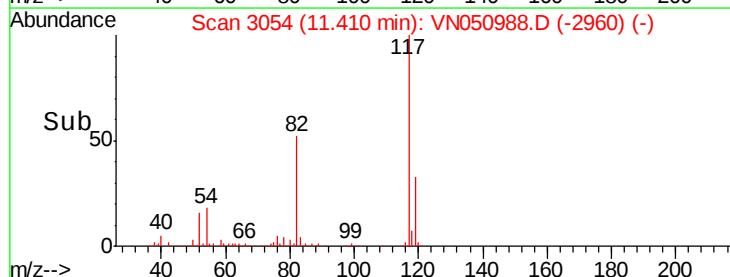
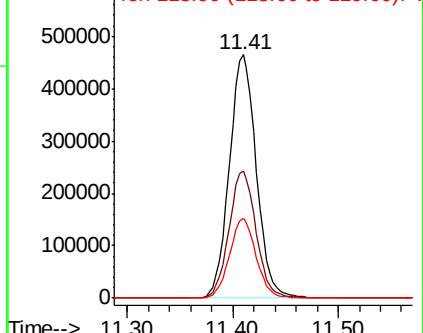
119 32.8 25.8 38.6

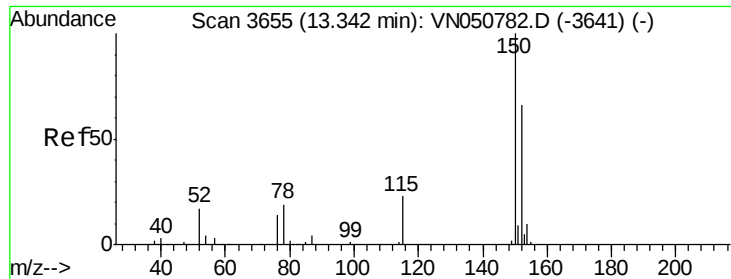


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050988.D

Acq: 31 Aug 2018 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#01

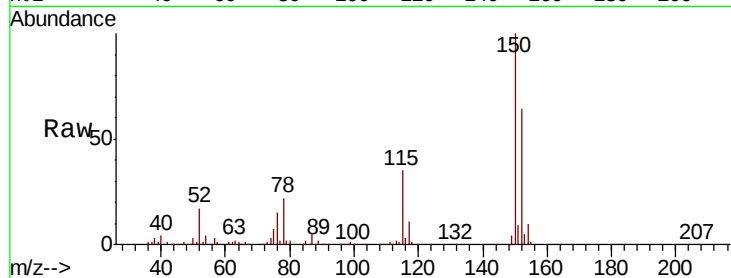
Tot Ion:152 Resp: 264950

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 156.5 0.0 351.4



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

