

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010919\
 Data File : VN053325.D
 Acq On : 9 Jan 2019 17:32
 Operator : MD\SY
 Sample : PB116248ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116248ZHE#18

Quant Time: Jan 10 03:37:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

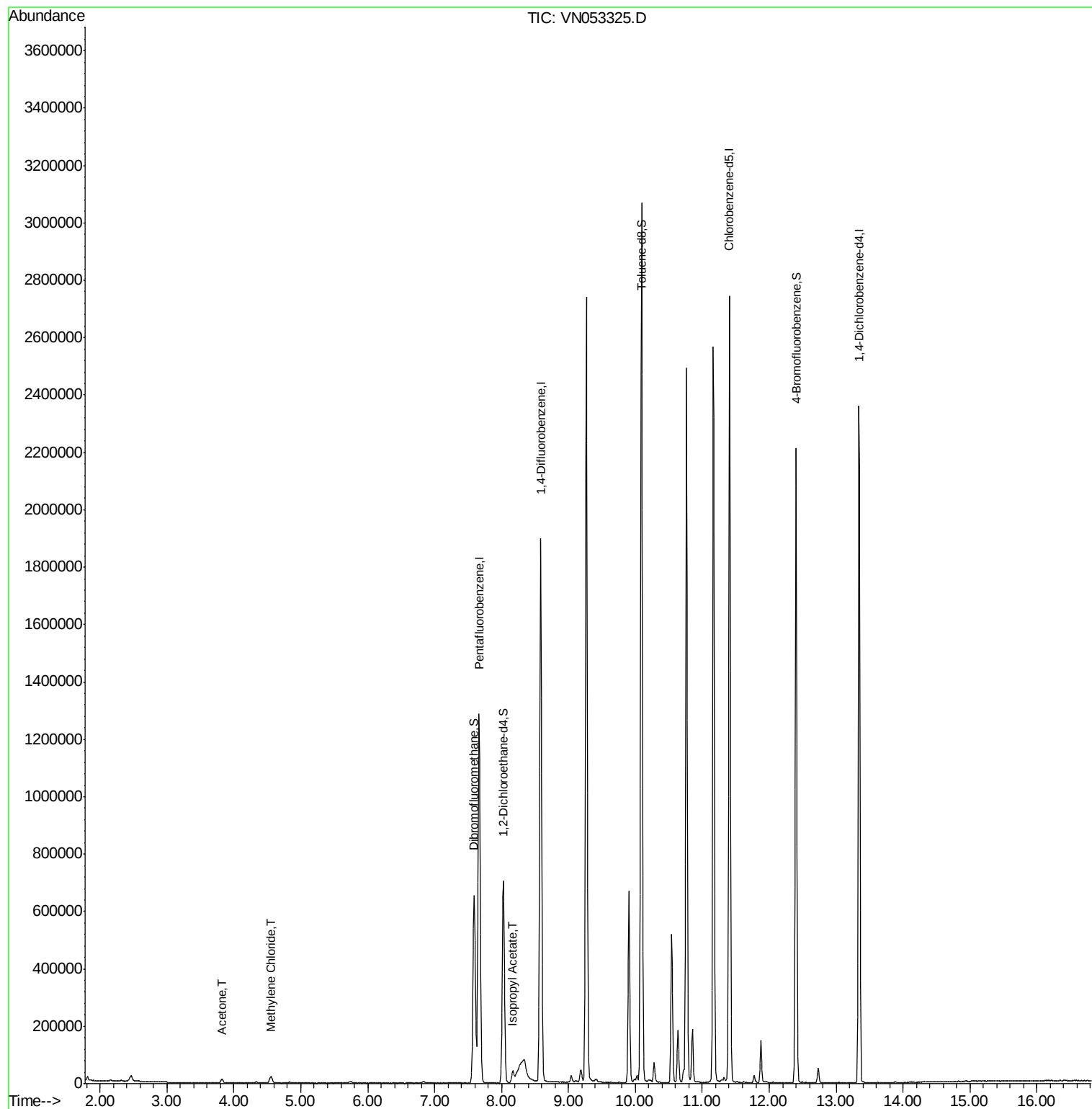
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1785910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1657382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	684261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	574539	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	7.59	113	501114	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.09	98	2218330	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	761815	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
16) Acetone	3.82	43	23451	5.944	ug/l	97
20) Methylene Chloride	4.55	84	17240	1.339	ug/l	92
43) Isopropyl Acetate	8.17	43	54599	2.556	ug/l #	83

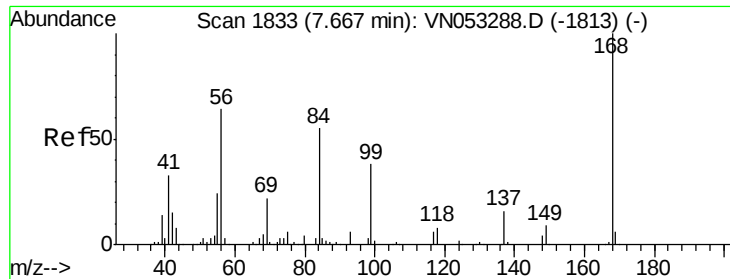
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053325.D

Acq: 9 Jan 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

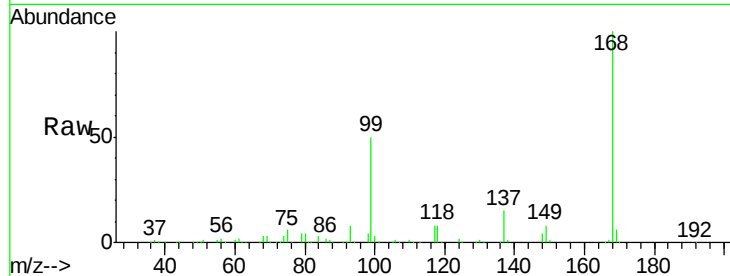
PB116248ZHE#18

Tot Ion:168 Resp: 1152511

Ion Ratio Lower Upper

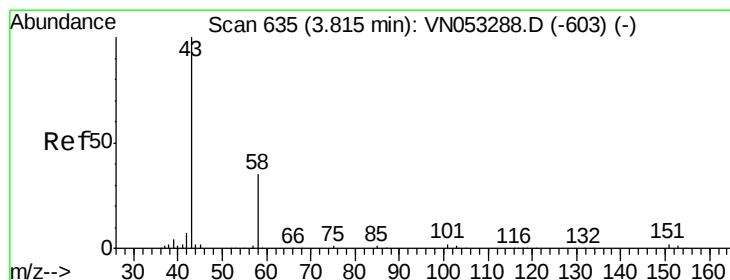
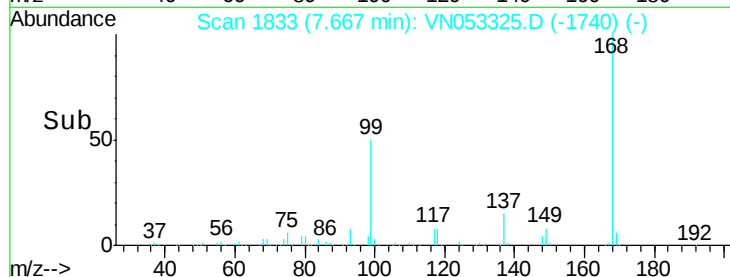
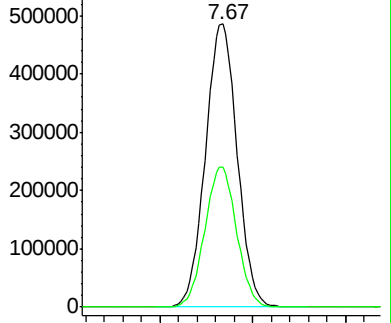
168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.944 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053325.D

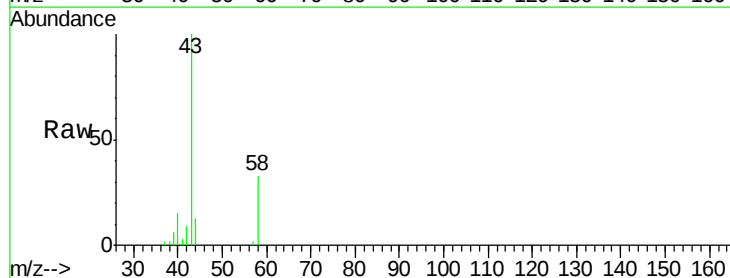
Acq: 9 Jan 2019 17:32

Tgt Ion: 43 Resp: 23451

Ion Ratio Lower Upper

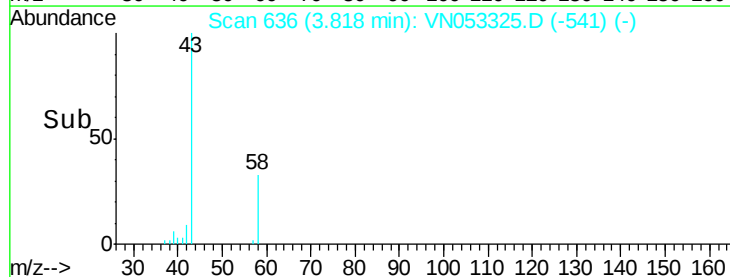
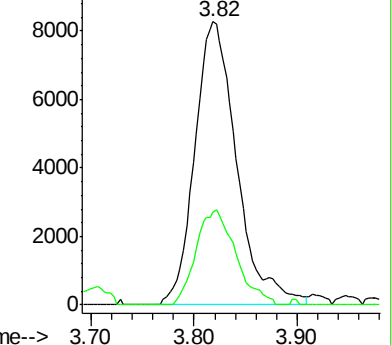
43 100

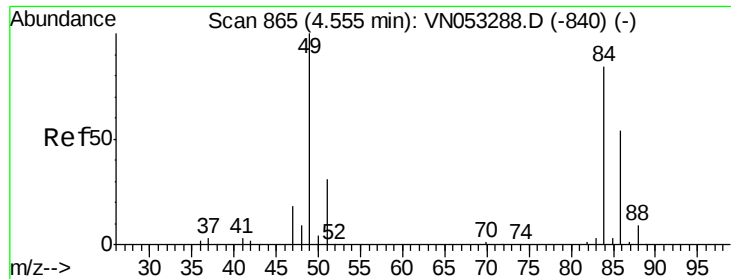
58 32.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

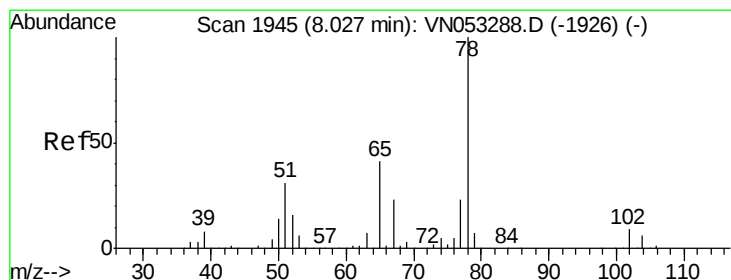
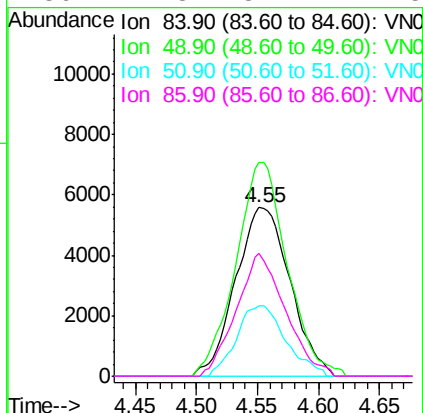
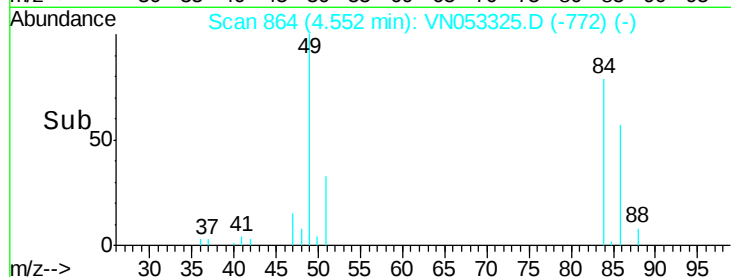
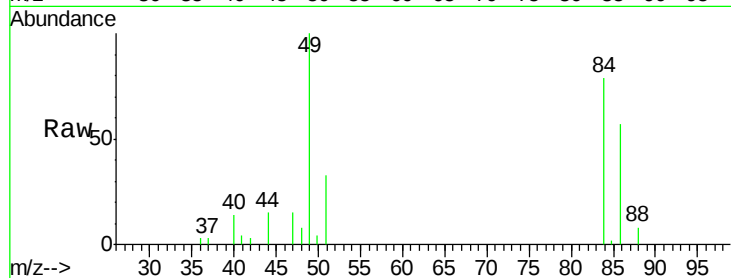




#20
Methvlene Chloride
Concen: 1.339 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053325.D
Acq: 9 Jan 2019 17:32

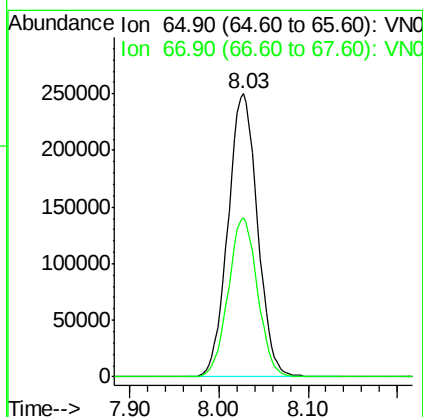
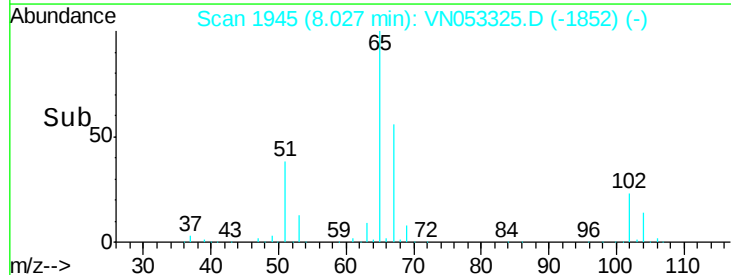
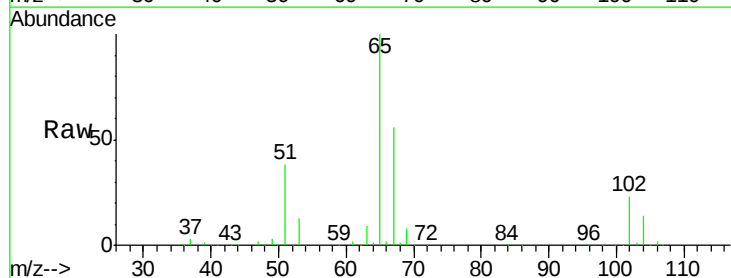
Instrument :
MSVOA_N
ClientSampleId :
PB116248ZHE#18

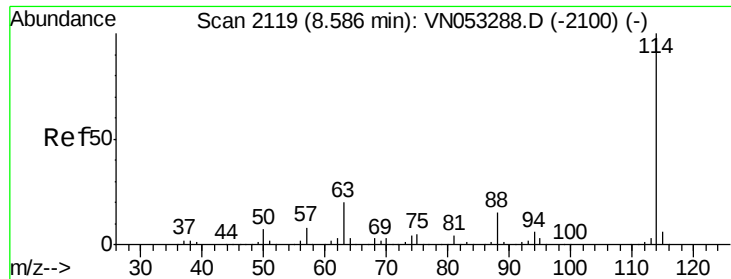
Tot Ion: 84 Resp: 17240
Ion Ratio Lower Upper
84 100
49 126.8 95.3 142.9
51 42.0 29.0 43.6
86 72.8 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053325.D
Acq: 9 Jan 2019 17:32

Tgt Ion: 65 Resp: 574539
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0

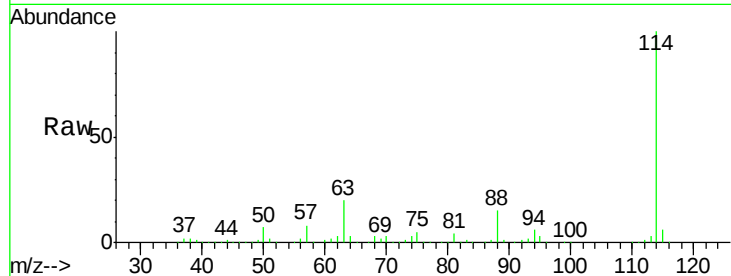




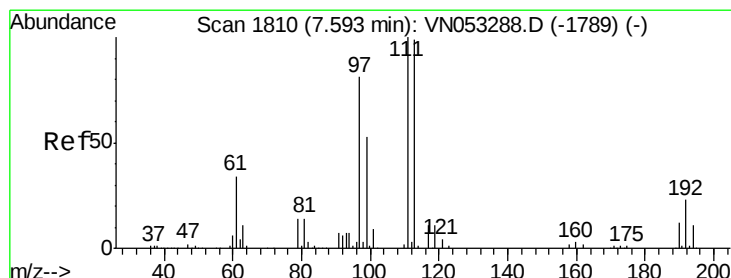
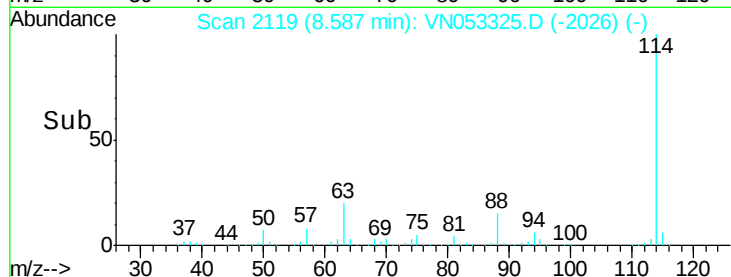
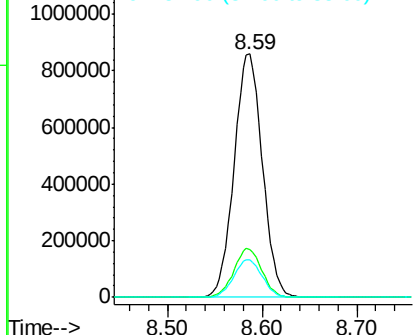
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053325.D
 Acq: 9 Jan 2019 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116248ZHE#18

Tot Ion:114 Resp: 1785910
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.3 0.0 30.8

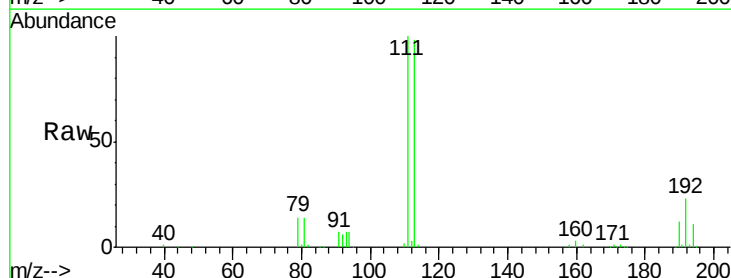


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

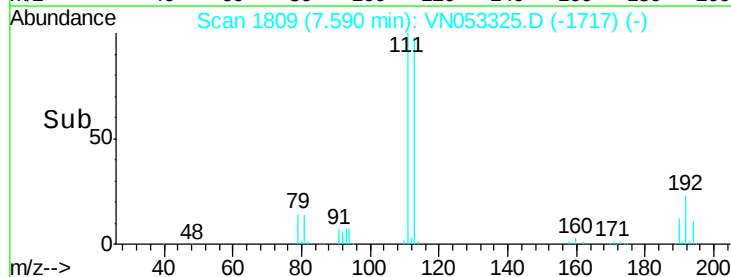
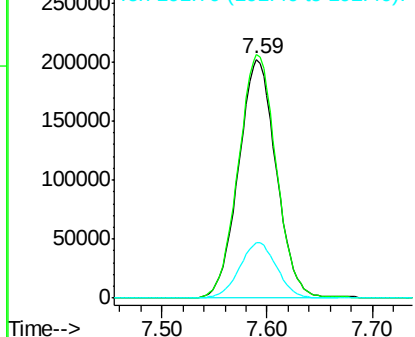


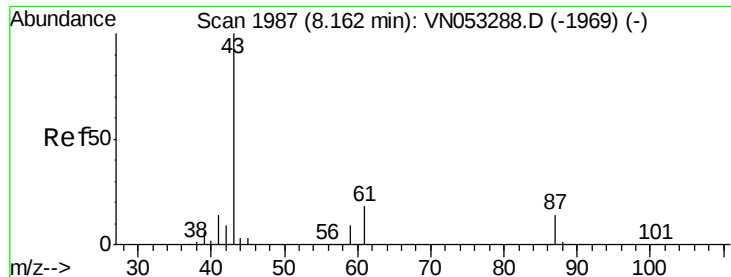
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053325.D
 Acq: 9 Jan 2019 17:32

Tgt Ion:113 Resp: 501114
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 23.1 17.9 26.9



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: 2.556 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053325.D

Acq: 9 Jan 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

PB116248ZHE#18

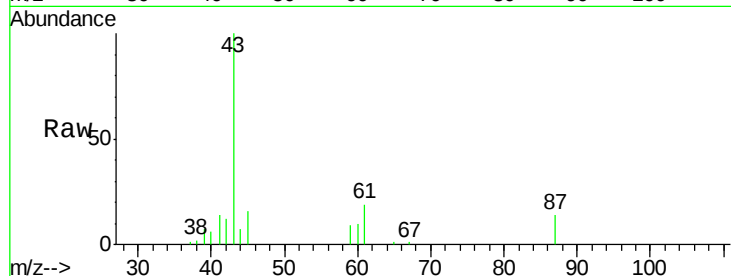
Tot Ion: 43 Resp: 54599

Ion Ratio Lower Upper

43 100

61 17.5 23.3 34.9#

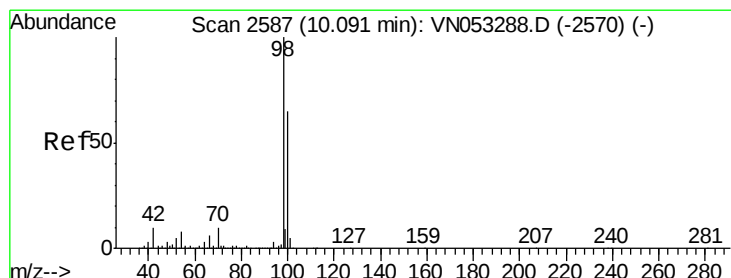
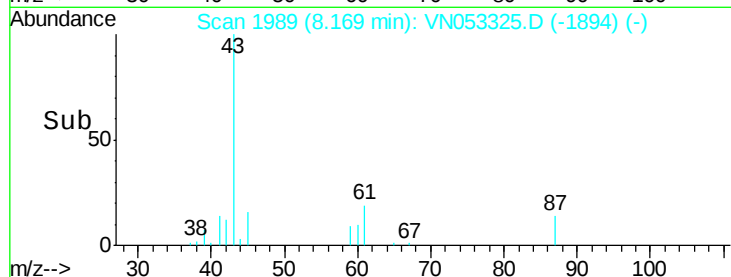
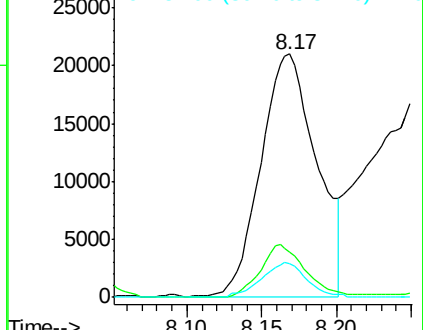
87 11.3 10.8 16.2



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053325.D

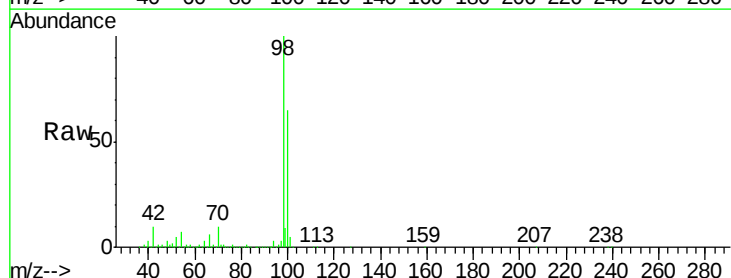
Acq: 9 Jan 2019 17:32

Tgt Ion: 98 Resp: 2218330

Ion Ratio Lower Upper

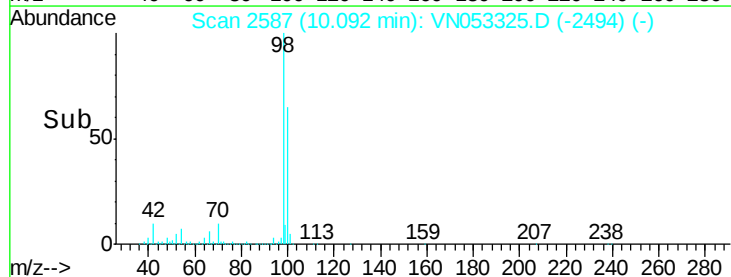
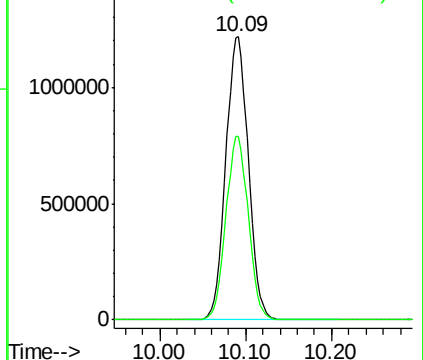
98 100

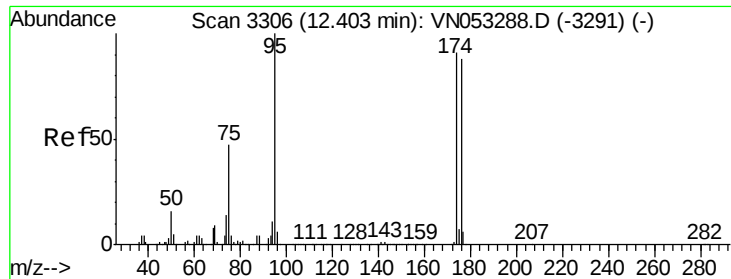
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053325.D

Acq: 9 Jan 2019 17:32

Instrument :

MSVOA_N

ClientSampleId :

PB116248ZHE#18

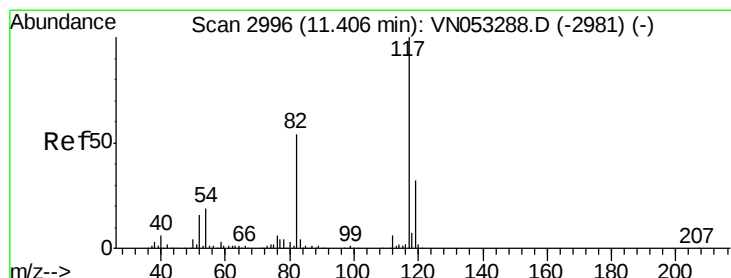
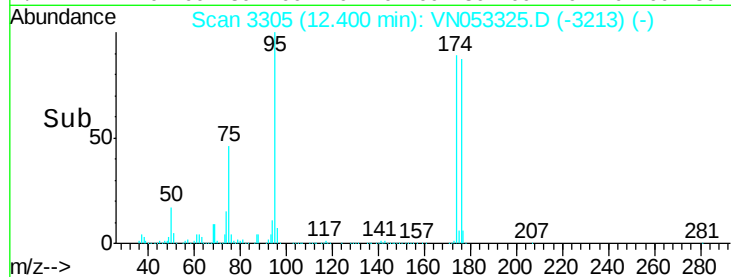
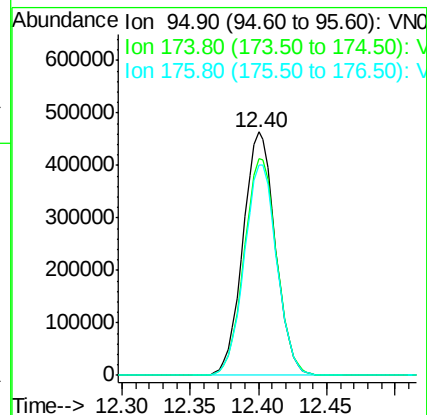
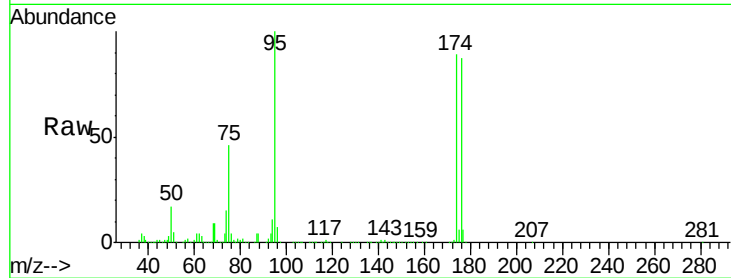
Tot Ion: 95 Resp: 761815

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.4

176 87.2 0.0 175.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053325.D

Acq: 9 Jan 2019 17:32

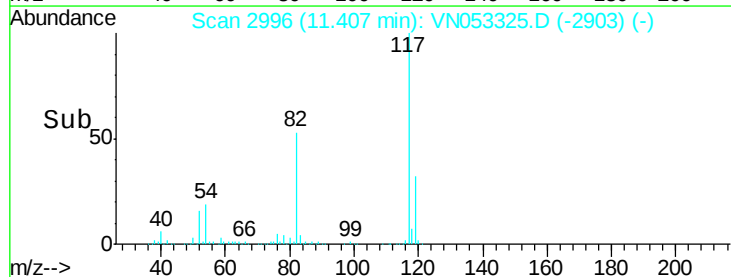
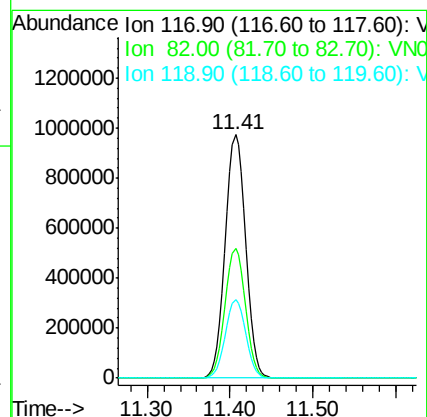
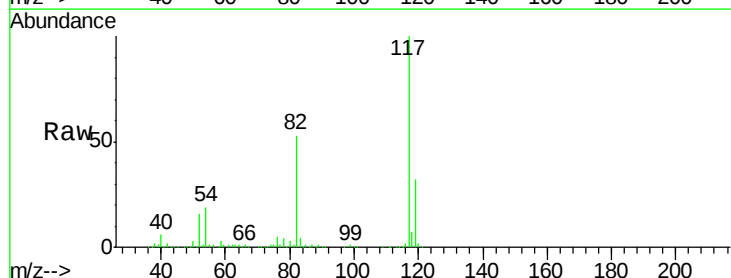
Tgt Ion: 117 Resp: 1657382

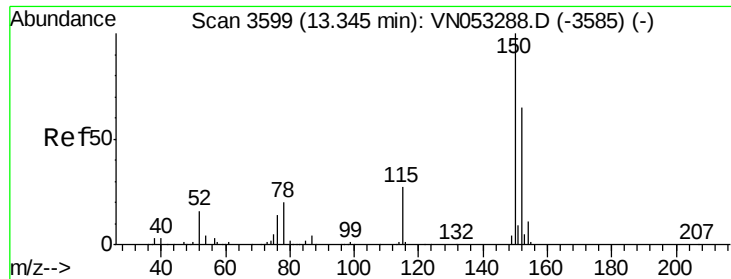
Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

119 32.0 25.6 38.4

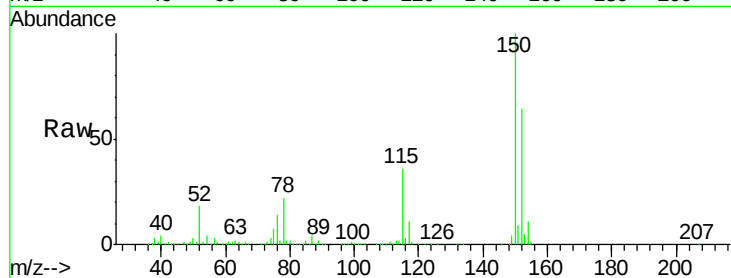




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053325.D
 Acq: 9 Jan 2019 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116248ZHE#18

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	157.1	0.0	346.6



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

