

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053627.D
 Acq On : 6 Feb 2019 11:49
 Operator : JC/SP
 Sample : PB116860TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860TB

Quant Time: Feb 07 04:03:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

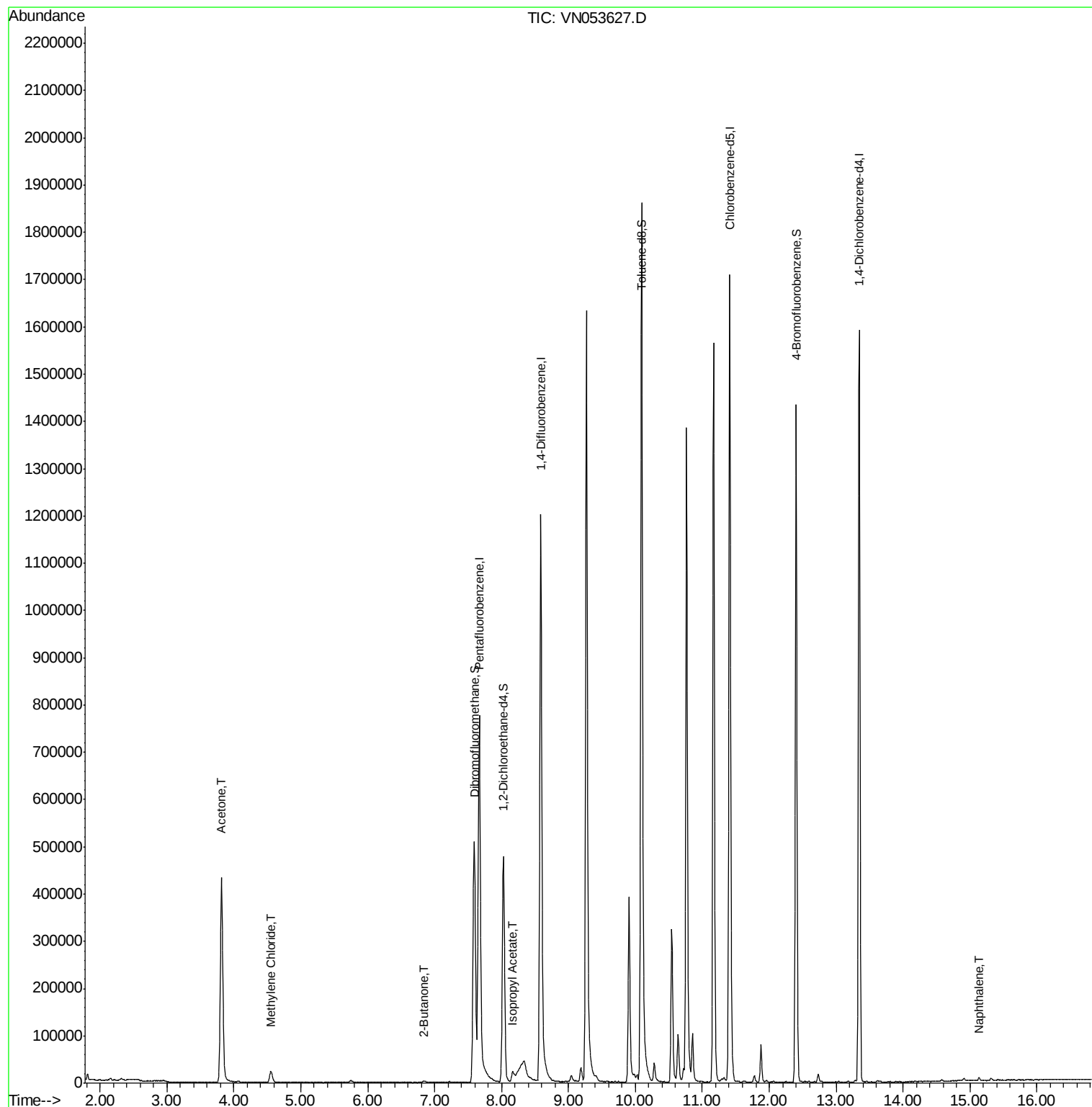
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	796144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1268087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1151111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	407769	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	7.59	113	407585	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.09	98	1527574	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	503947	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
Target Compounds						
16) Acetone	3.82	43	723876	353.343	ug/l	99
20) Methylene Chloride	4.55	84	18010	2.095	ug/l	94
25) 2-Butanone	6.85	43	4564	1.562	ug/l	95
43) Isopropyl Acetate	8.16	43	31192	2.530	ug/l #	87
95) Naphthalene	15.13	128	5918	2.009	ug/l #	91

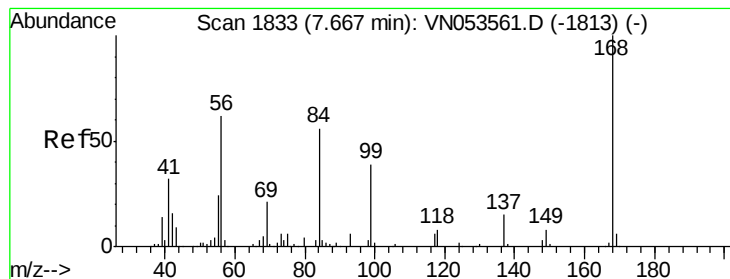
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053627.D

Acq: 6 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

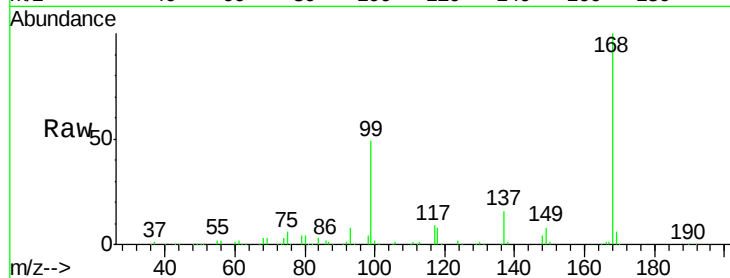
PB116860TB

Tot Ion:168 Resp: 796144

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

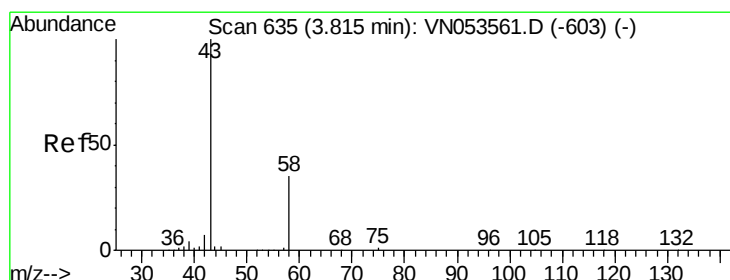
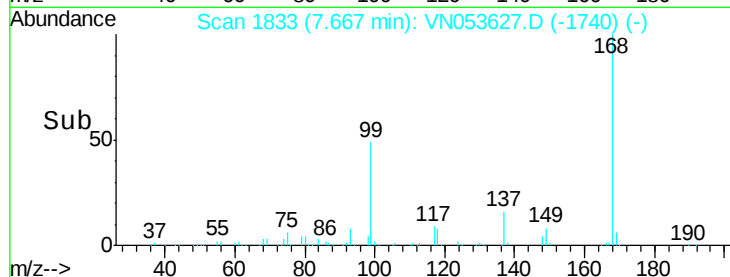
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 353.343 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053627.D

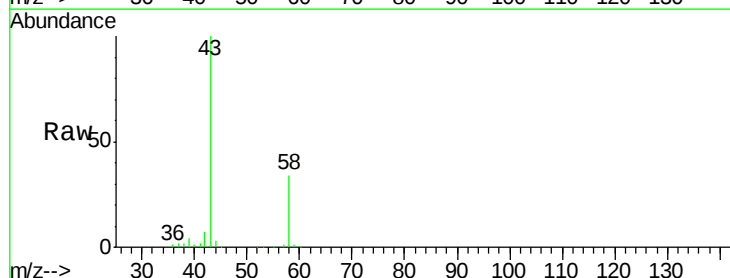
Acq: 6 Feb 2019 11:49

Tgt Ion: 43 Resp: 723876

Ion Ratio Lower Upper

43 100

58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

300000

250000

200000

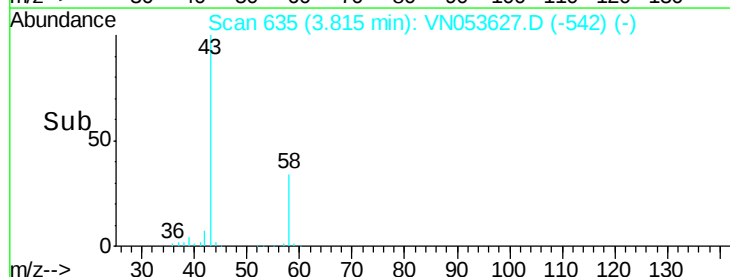
150000

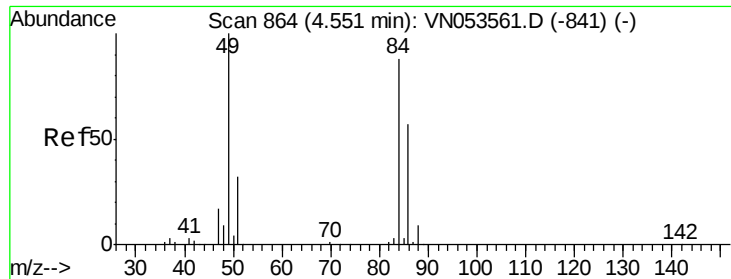
100000

50000

0

Time-->

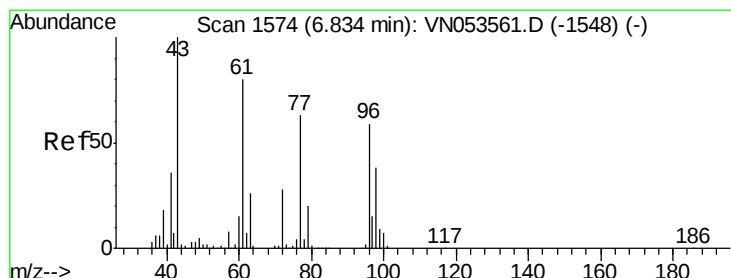
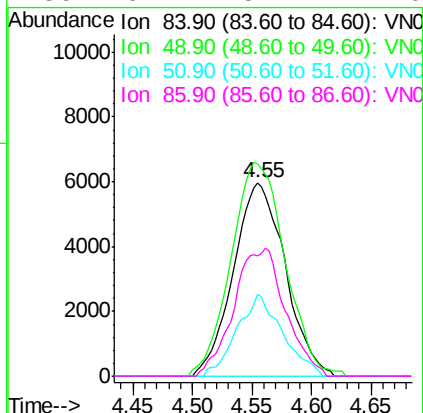
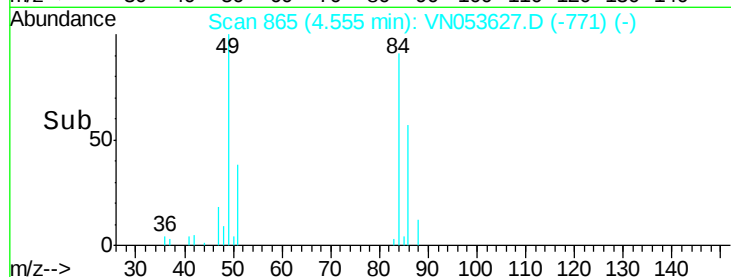
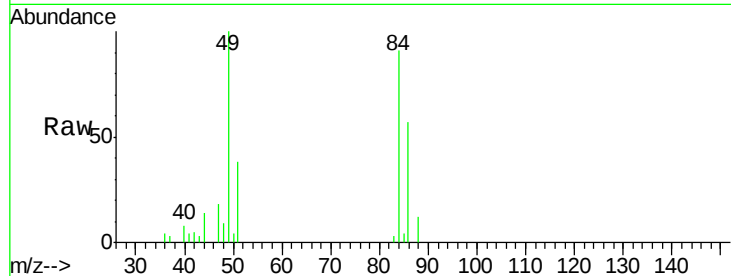




#20
Methvlene Chloride
Concen: 2.095 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053627.D
Acq: 6 Feb 2019 11:49

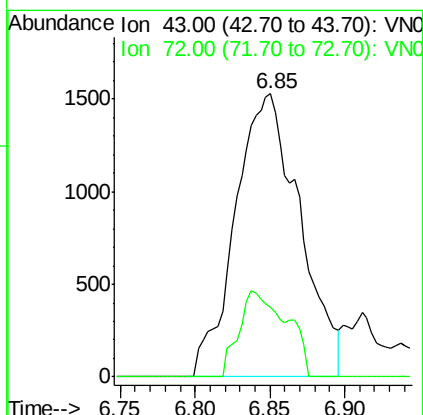
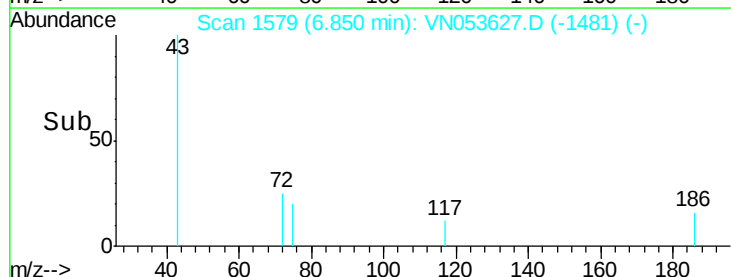
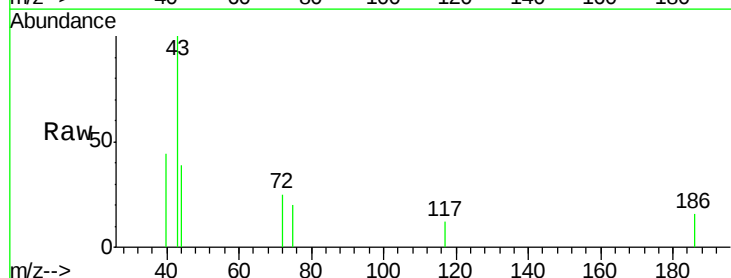
Instrument :
MSVOA_N
ClientSampleId :
PB116860TB

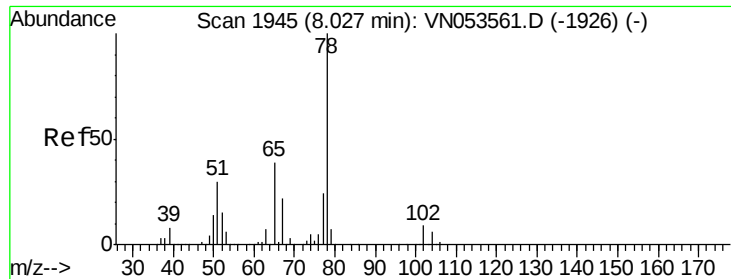
Tot Ion:	84	Resp:	18010
Ion	Ratio	Lower	Upper
84	100		
49	109.9	94.3	141.5
51	41.9	29.4	44.2
86	62.4	51.4	77.0



#25
2-Butanone
Concen: 1.562 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053627.D
Acq: 6 Feb 2019 11:49

Tgt Ion:	43	Resp:	4564
Ion	Ratio	Lower	Upper
43	100		
72	24.7	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053627.D

Acq: 6 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

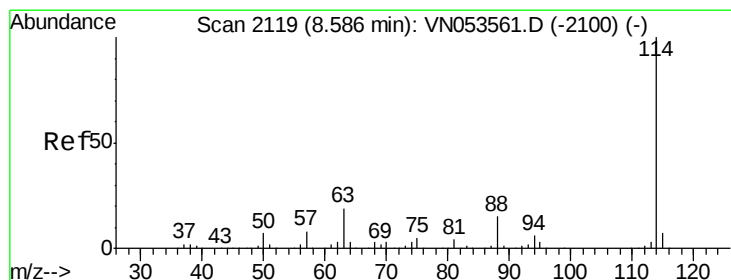
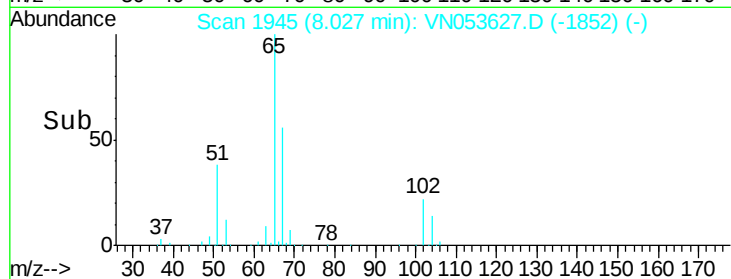
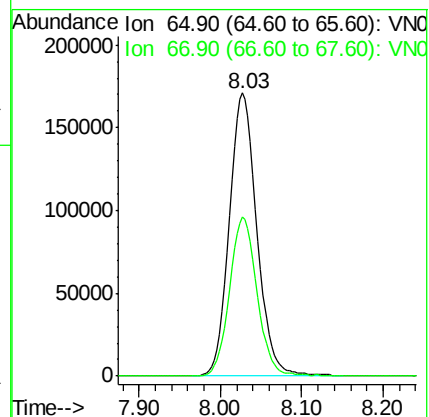
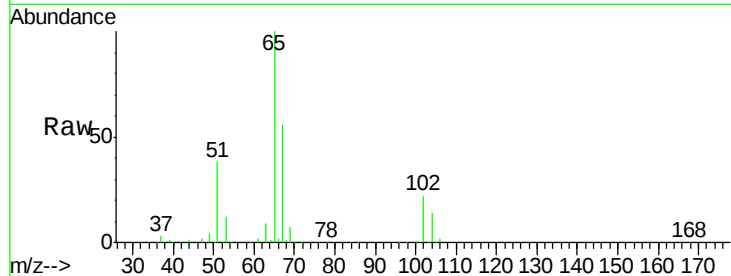
PB116860TB

Tot Ion: 65 Resp: 407769

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053627.D

Acq: 6 Feb 2019 11:49

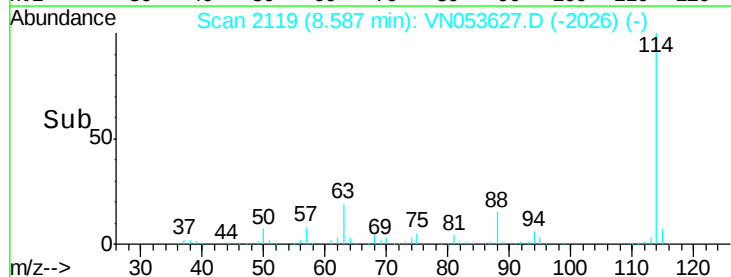
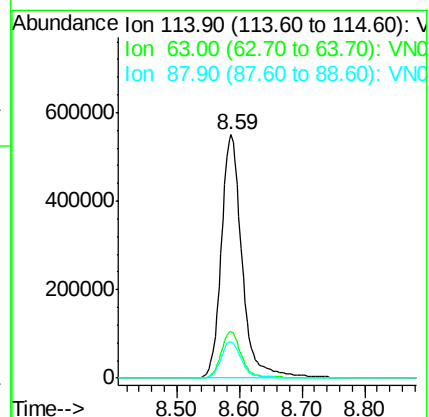
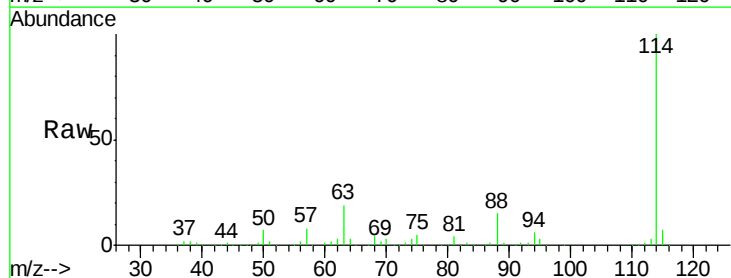
Tgt Ion: 114 Resp: 1268087

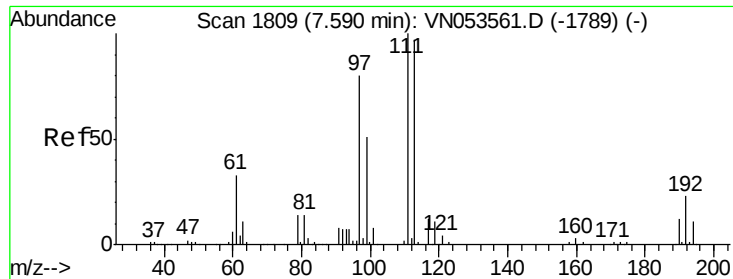
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.1 0.0 30.4

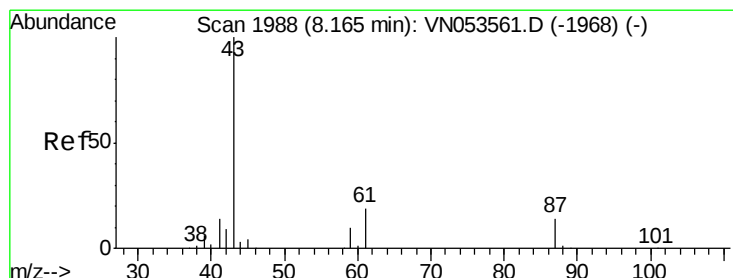
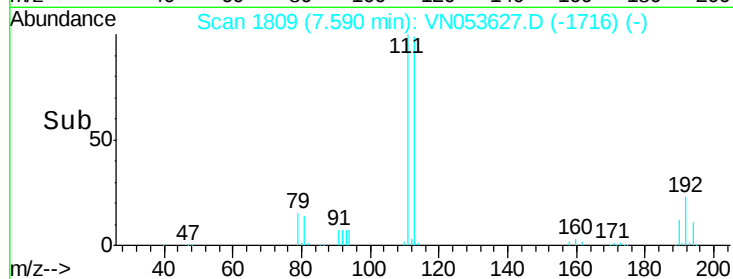
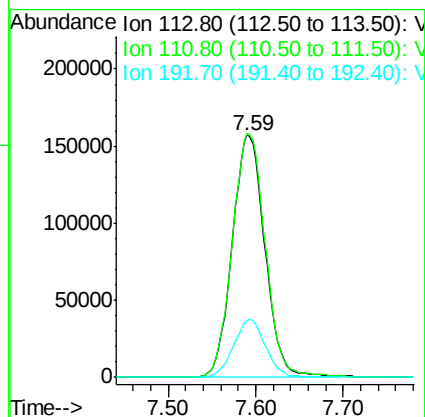
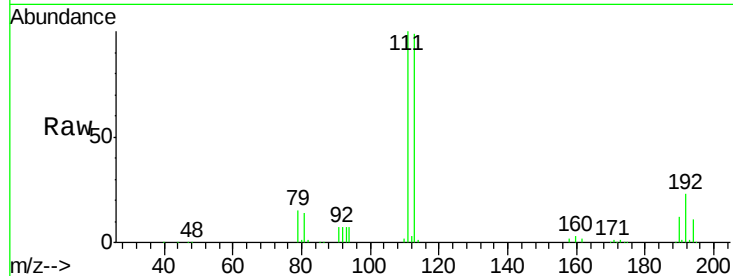




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053627.D
 Acq: 6 Feb 2019 11:49

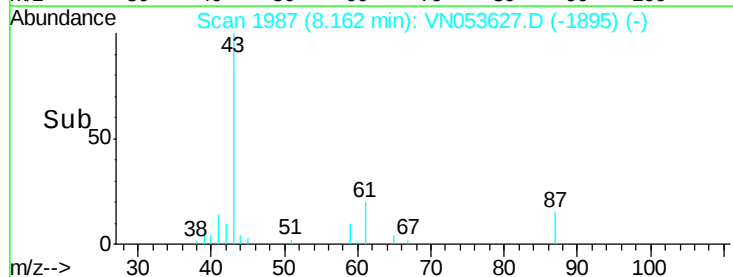
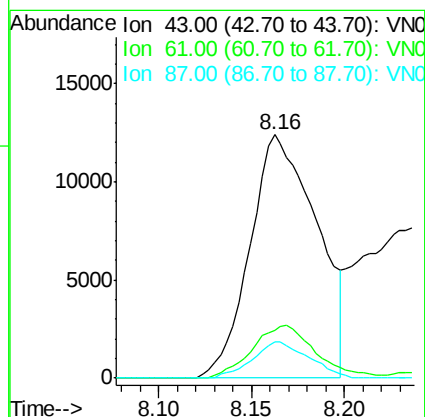
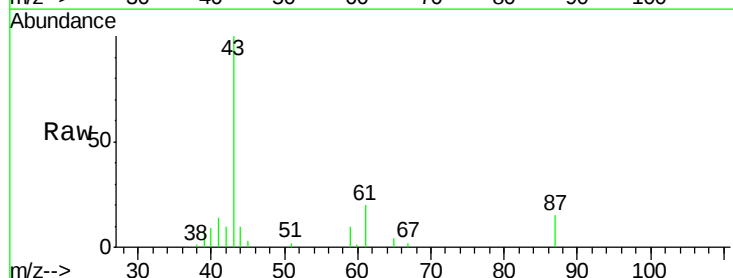
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860TB

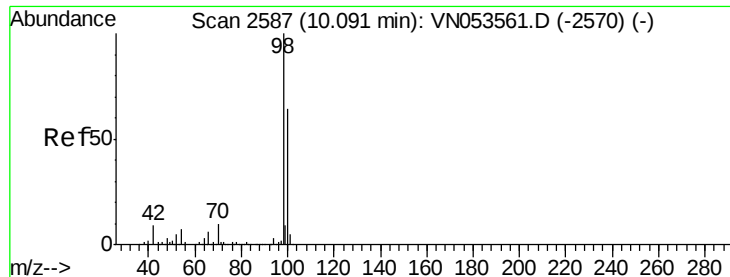
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.3	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 2.530 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN053627.D
 Acq: 6 Feb 2019 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	23.9	35.9#
87	12.5	11.0	16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053627.D

Acq: 6 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

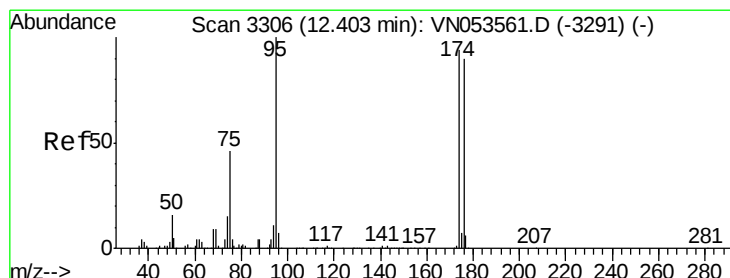
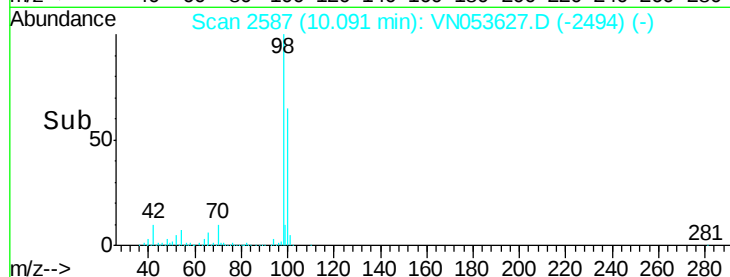
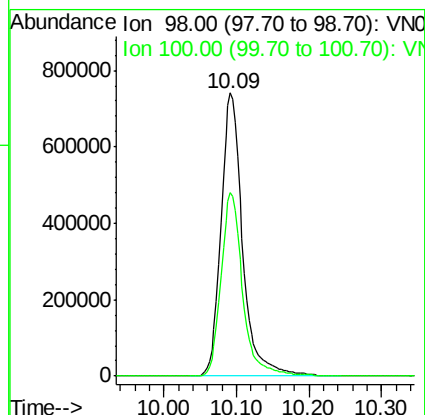
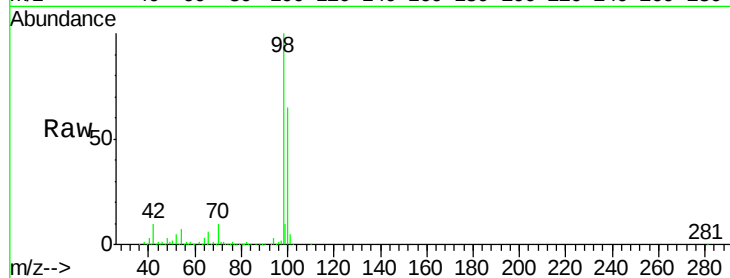
PB116860TB

Tot Ion: 98 Resp: 1527574

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053627.D

Acq: 6 Feb 2019 11:49

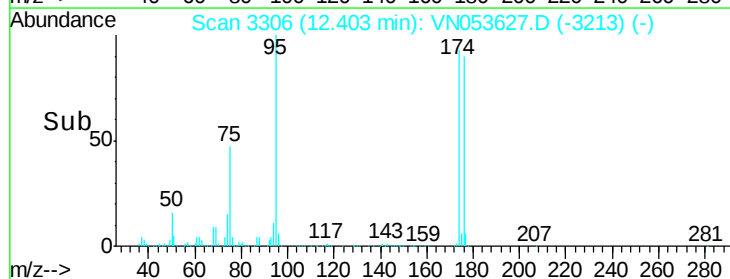
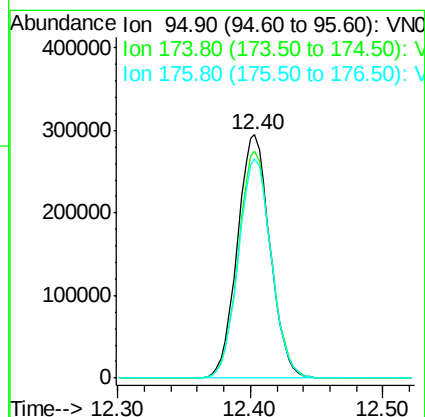
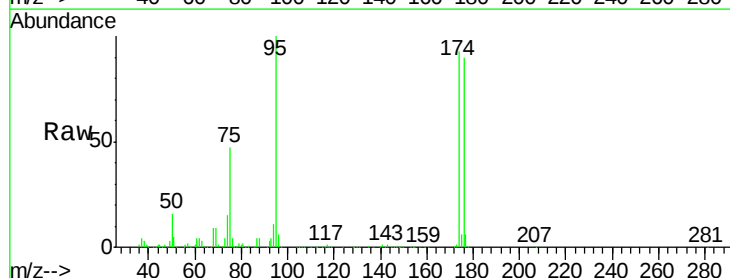
Tgt Ion: 95 Resp: 503947

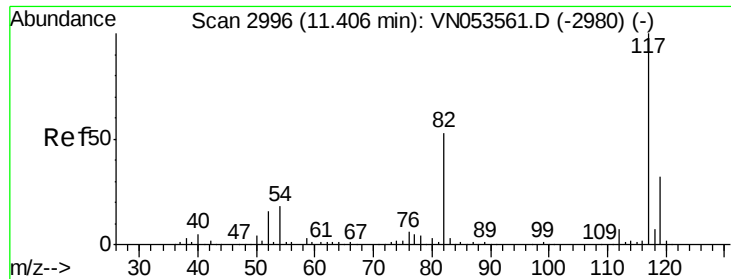
Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

176 90.7 0.0 177.4

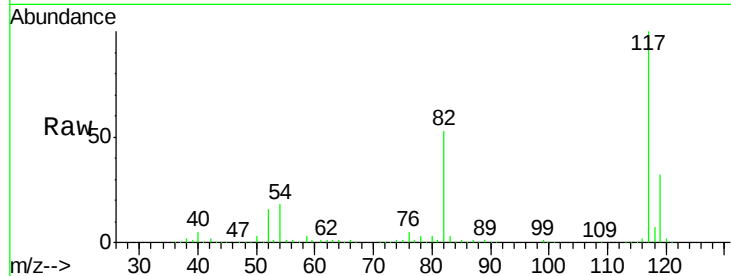




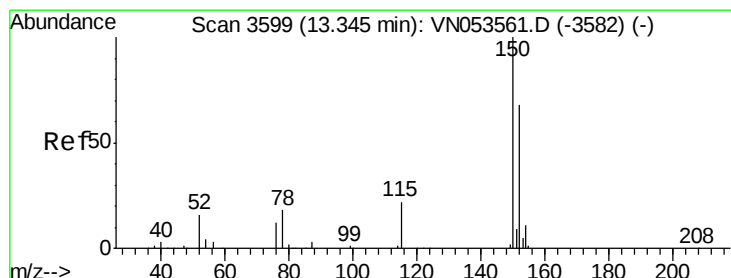
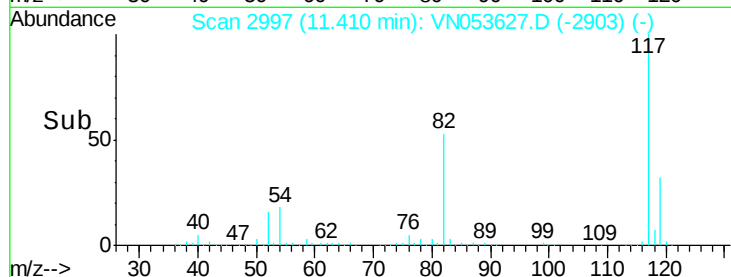
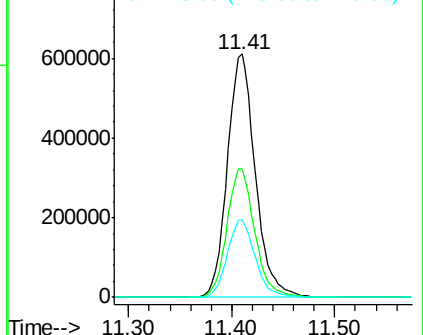
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053627.D
Acq: 6 Feb 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
PB116860TB

Tot Ion:117 Resp: 1151111
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 31.8 26.0 39.0

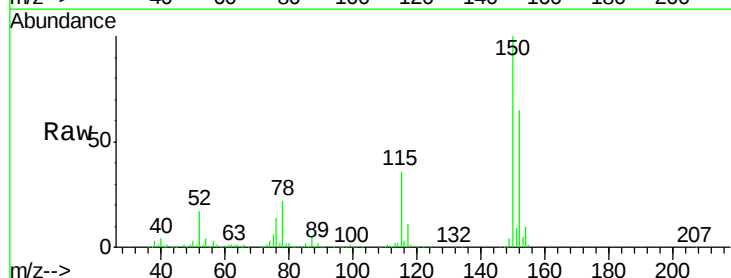


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

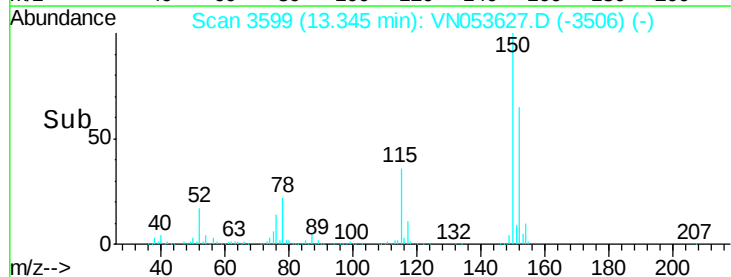
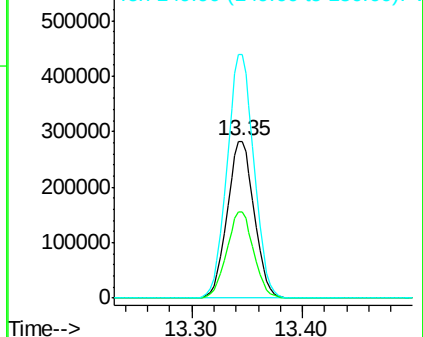


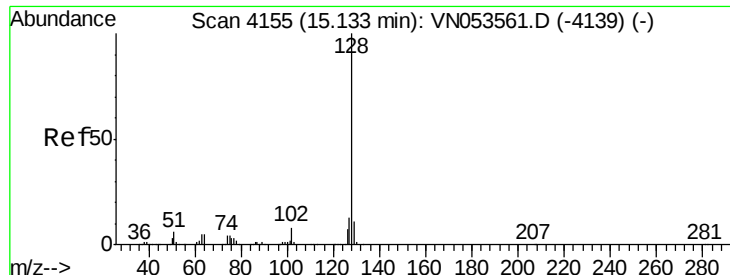
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053627.D
Acq: 6 Feb 2019 11:49

Tgt Ion:152 Resp: 477630
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 155.4 0.0 349.0



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: 2.009 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053627.D

Acq: 6 Feb 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

PB116860TB

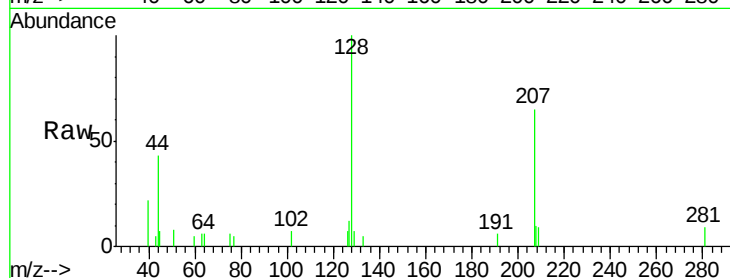
Tot Ion:128 Resp: 5918

Ion Ratio Lower Upper

128 100

127 9.3 10.3 15.5#

129 7.7 8.6 13.0#



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

