

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049616.D
 Acq On : 29 Jun 2018 3:26
 Operator : MD\SY
 Sample : PB110667TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110667TB

Quant Time: Jun 29 05:04:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1150554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1864484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1536157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	561602	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	759361	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	7.59	113	637276	42.25	ug/l	0.00
Spiked Amount			Recovery	=	84.50%	
50) Toluene-d8	10.09	98	2492283	43.39	ug/l	0.00
Spiked Amount			Recovery	=	86.78%	
62) 4-Bromofluorobenzene	12.40	95	716176	37.71	ug/l	0.00
Spiked Amount			Recovery	=	75.42%	

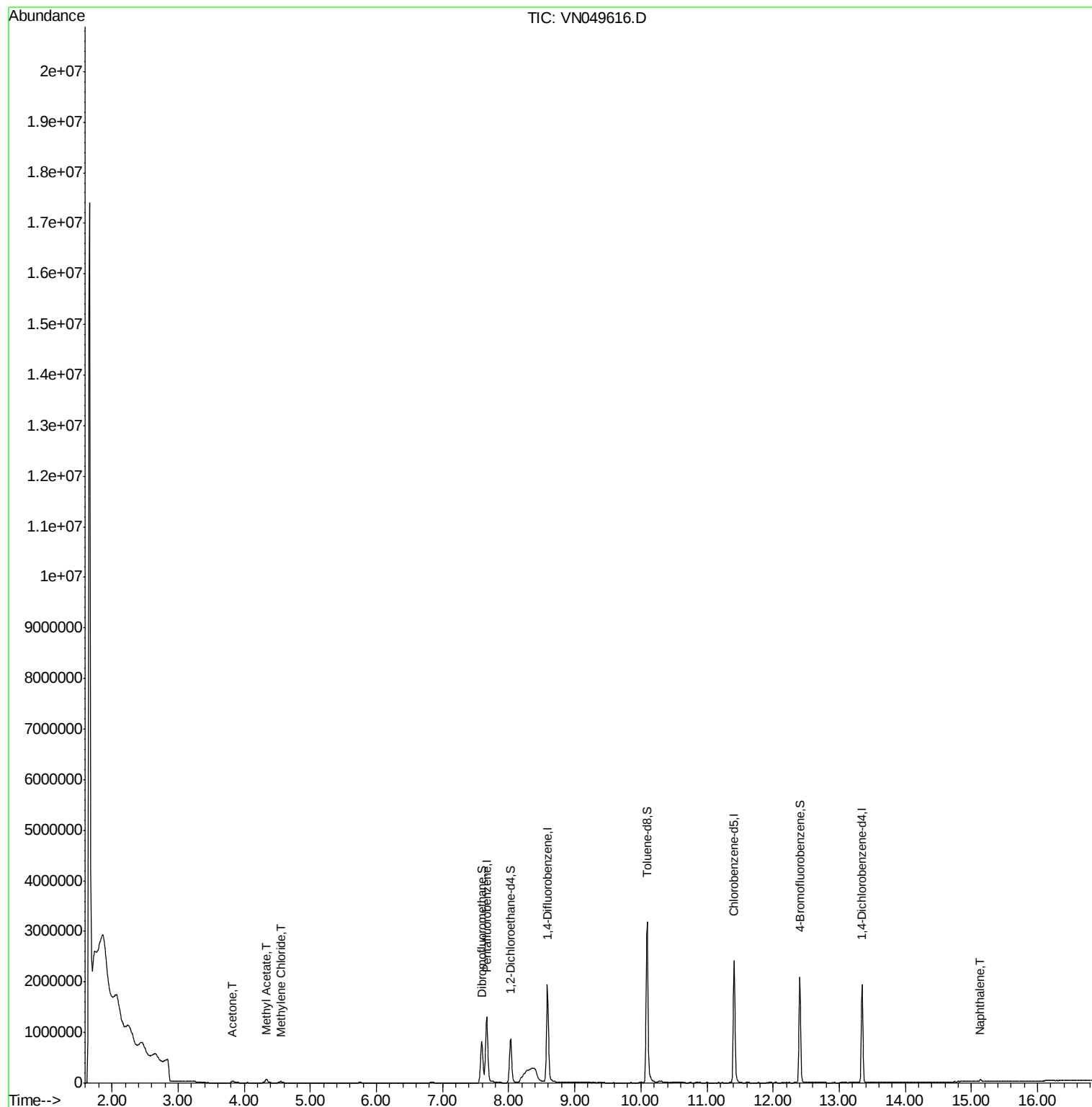
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	61485	16.59	ug/l	93
18) Methyl Acetate	4.33	43	131680	11.66	ug/l	95
20) Methylene Chloride	4.55	84	19678	1.27	ug/l #	79
95) Naphthalene	15.14	128	27780	3.86	ug/l #	96

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

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Quant Title : SW846 8260
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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: VN049616.D

Acq: 29 Jun 2018 3:26

Instrument :

MSVOA_N

ClientSampleId :

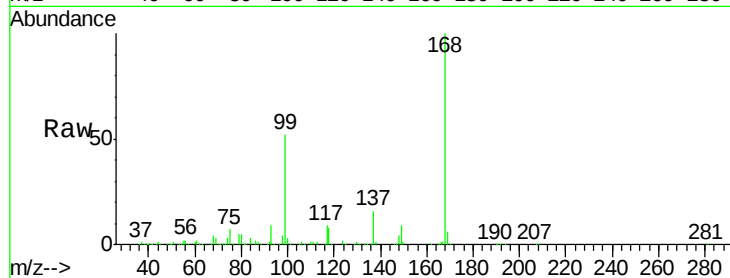
PB110667TB

Tot Ion:168 Resp: 1150554

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

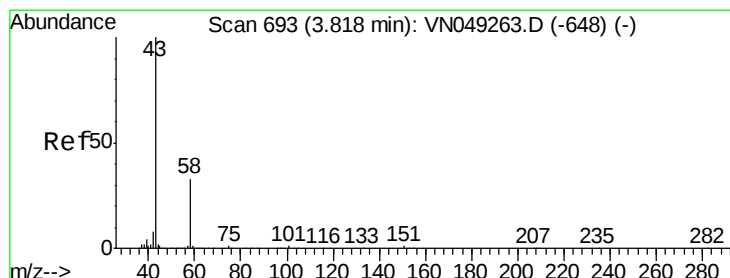
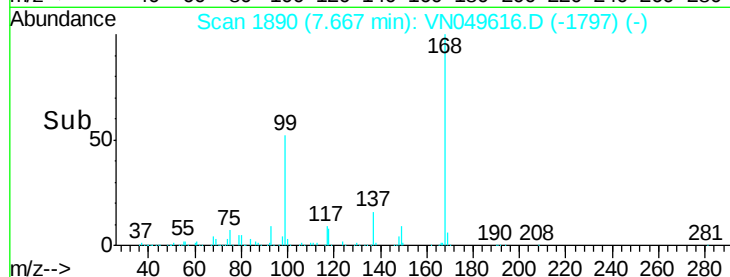
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 16.59 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049616.D

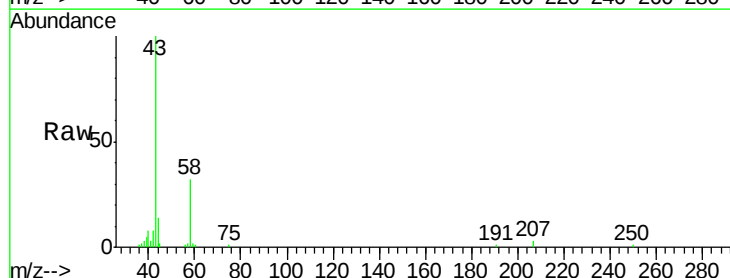
Acq: 29 Jun 2018 3:26

Tgt Ion: 43 Resp: 61485

Ion Ratio Lower Upper

43 100

58 31.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

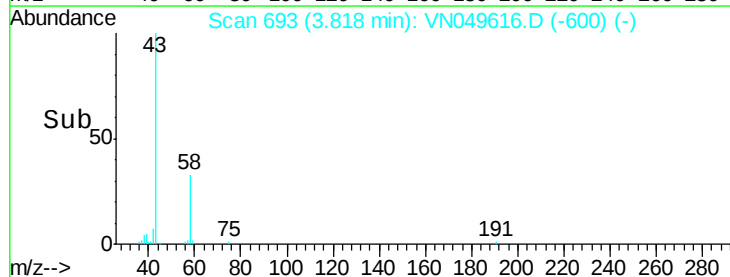
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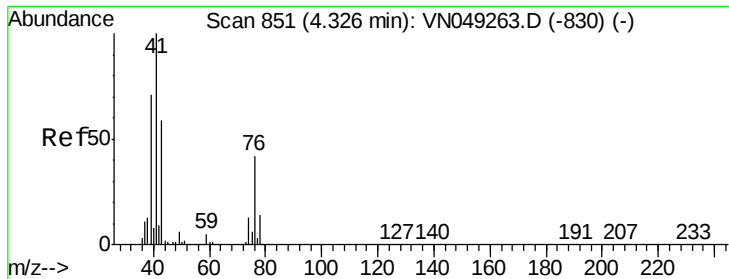
10000

5000

0

Time-->

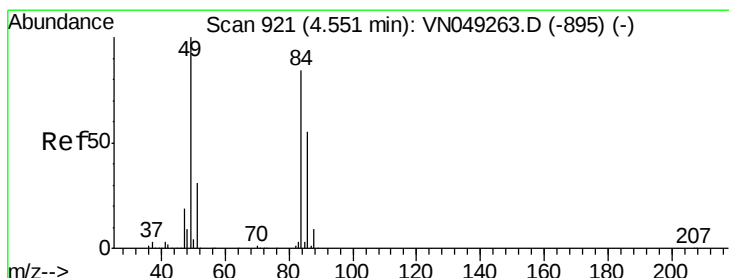
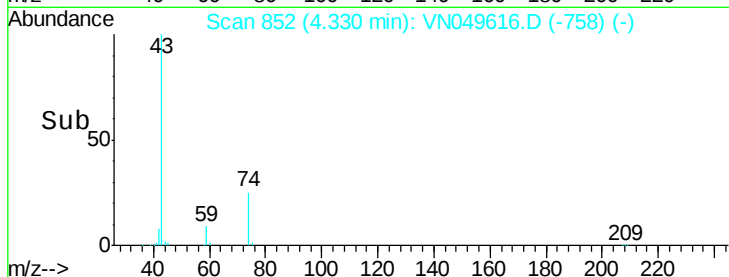
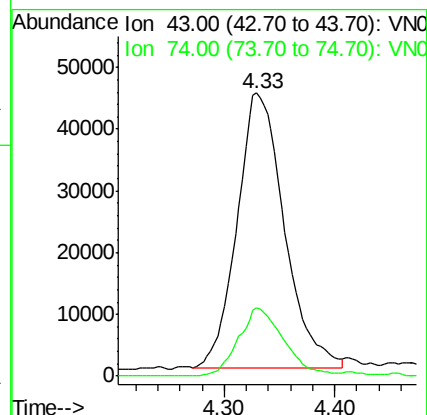
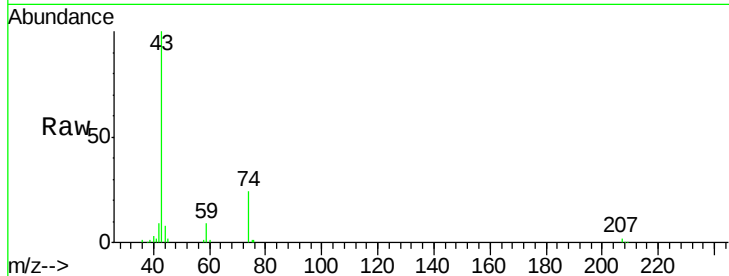




#18
Methvl Acetate
Concen: 11.66 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049616.D
Acq: 29 Jun 2018 3:26

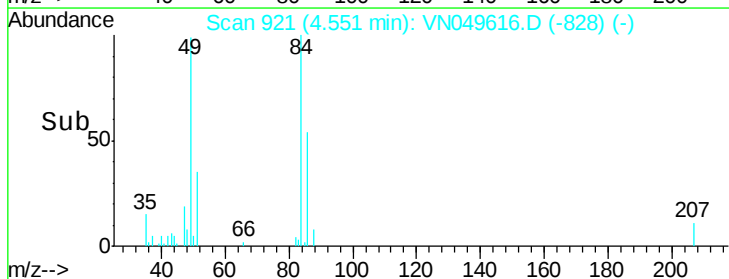
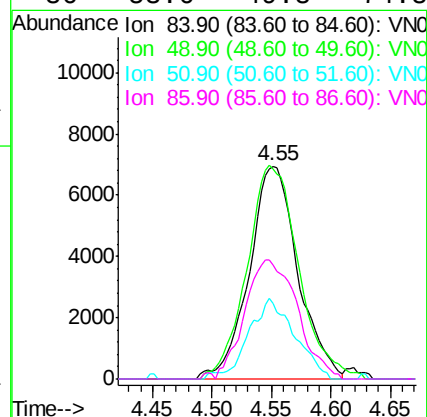
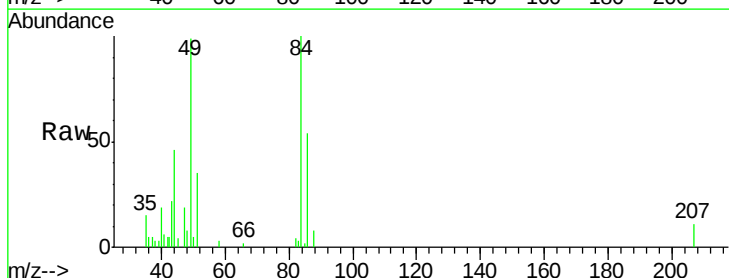
Instrument :
MSVOA_N
ClientSampled :
PB110667TB

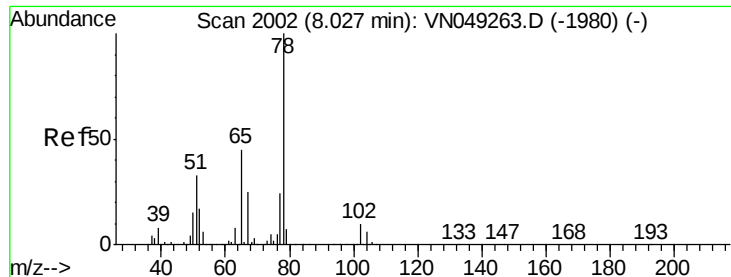
Tot Ion: 43 Resp: 131680
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0



#20
Methylene Chloride
Concen: 1.27 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049616.D
Acq: 29 Jun 2018 3:26

Tgt Ion: 84 Resp: 19678
Ion Ratio Lower Upper
84 100
49 98.8 106.9 160.3#
51 35.3 32.7 49.1
86 53.6 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.76 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049616.D

Acq: 29 Jun 2018 3:26

Instrument :

MSVOA_N

ClientSampleId :

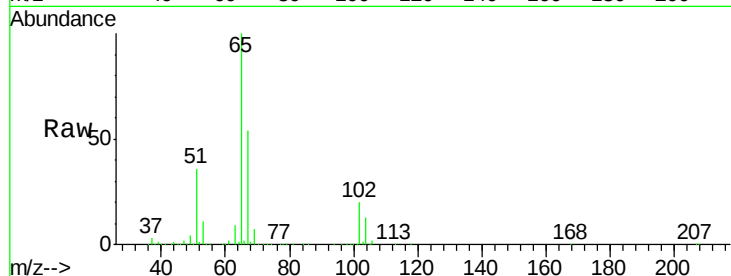
PB110667TB

Tot Ion: 65 Resp: 759361

Ion Ratio Lower Upper

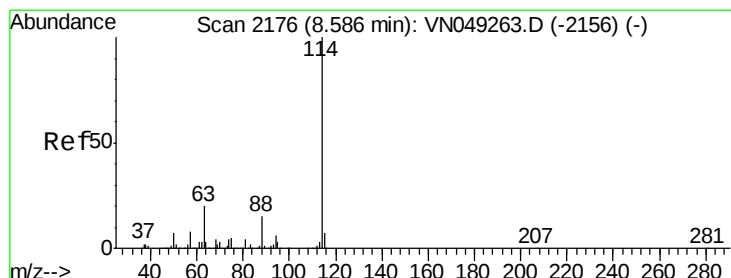
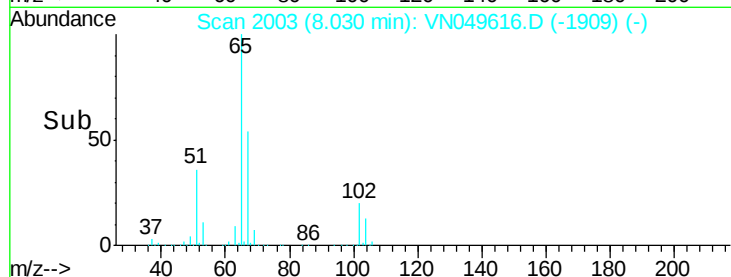
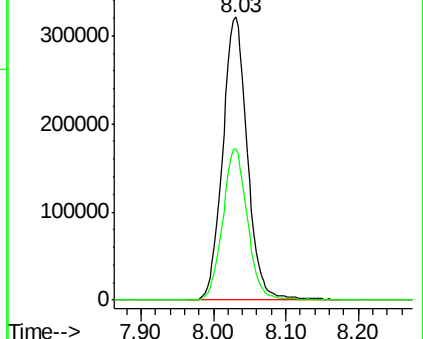
65 100

67 53.4 0.0 103.8



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: VN049616.D

Acq: 29 Jun 2018 3:26

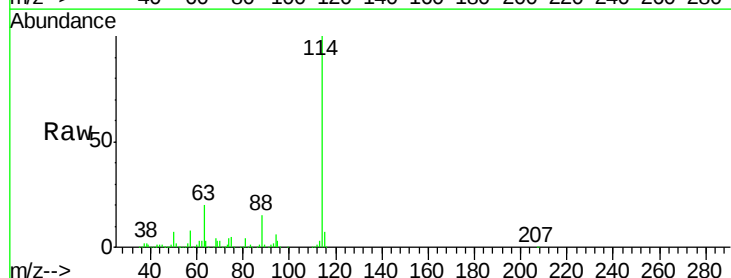
Tgt Ion: 114 Resp: 1864484

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

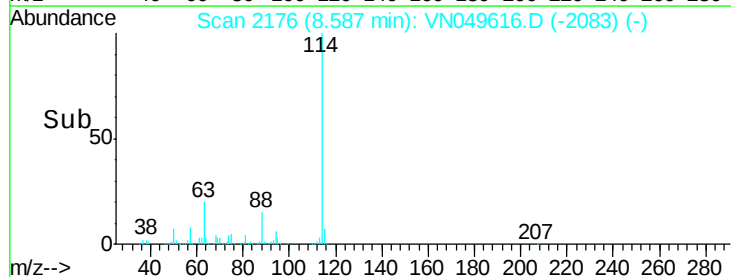
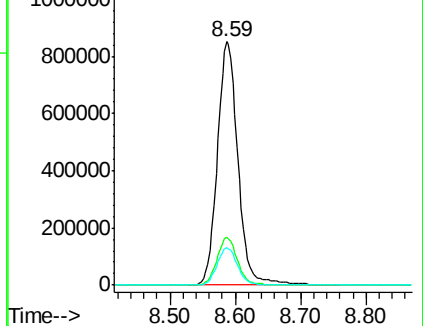
88 15.4 0.0 31.4

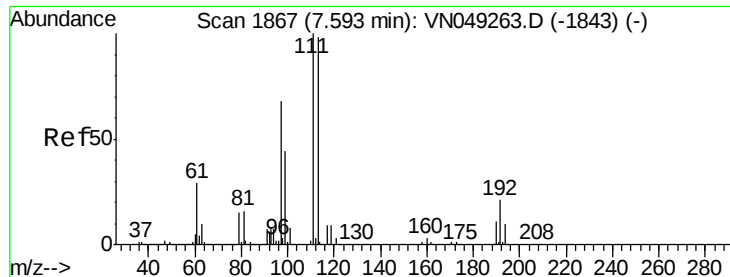


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

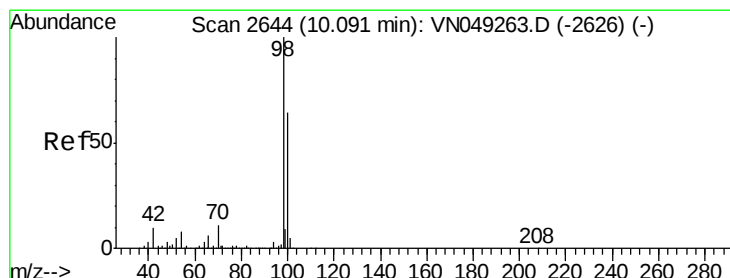
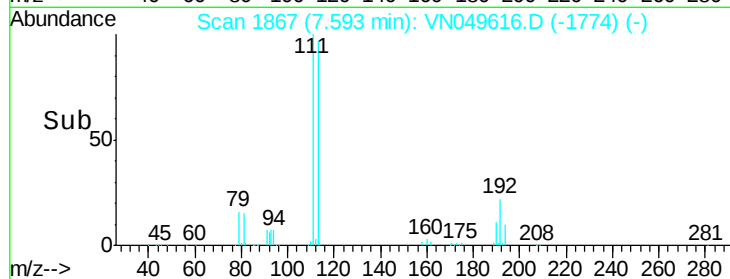
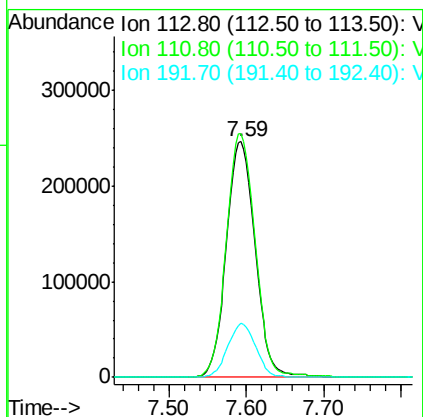
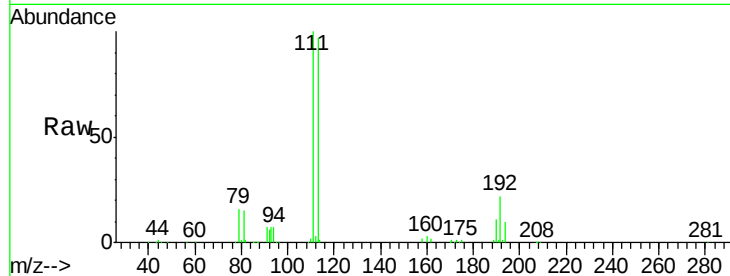




#35
 Dibromofluoromethane
 Concen: 42.25 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049616.D
 Acq: 29 Jun 2018 3:26

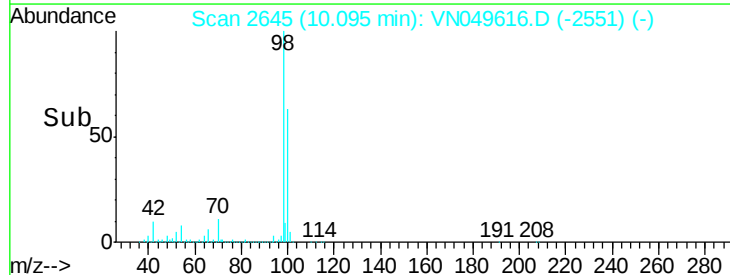
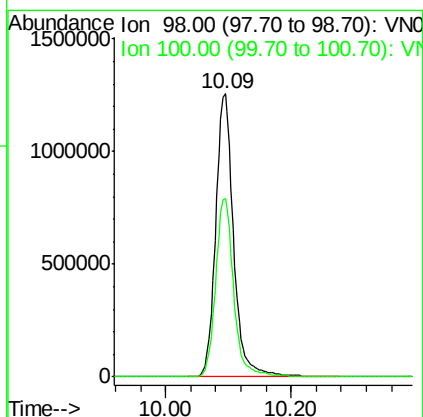
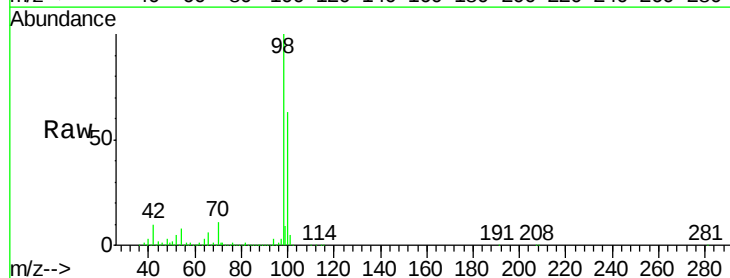
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110667TB

Tot Ion:113 Resp: 637276
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 22.3 15.0 22.6



#50
 Toluene-d8
 Concen: 43.39 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049616.D
 Acq: 29 Jun 2018 3:26

Tgt Ion: 98 Resp: 2492283
 Ion Ratio Lower Upper
 98 100
 100 63.5 49.8 74.8

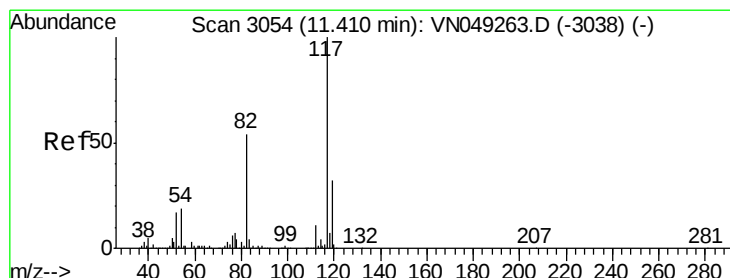
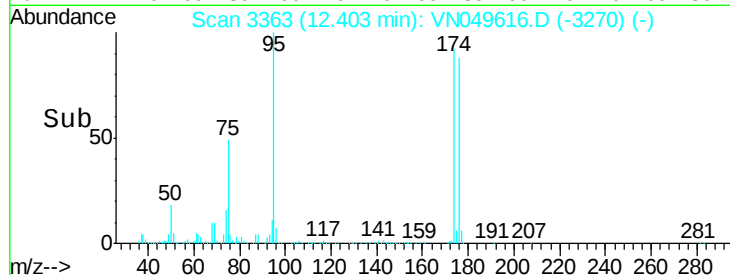
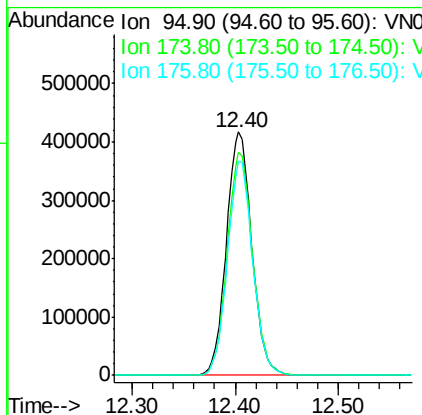
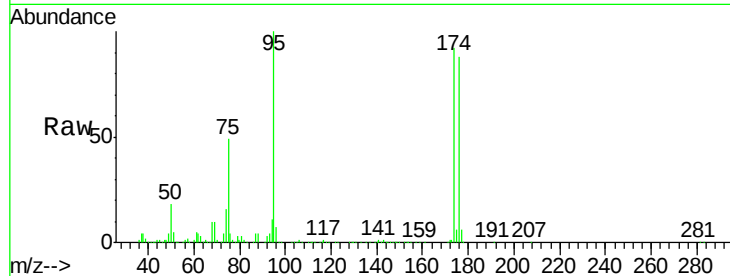




#62
4-Bromofluorobenzene
Concen: 37.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049616.D
Acq: 29 Jun 2018 3:26

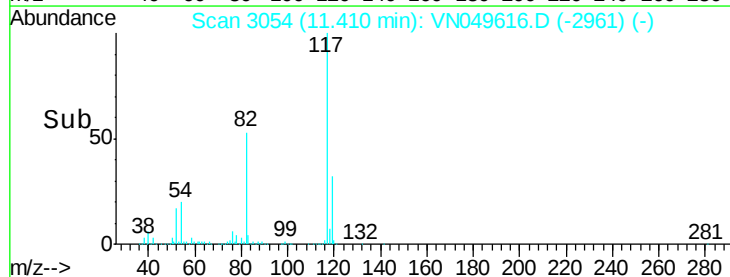
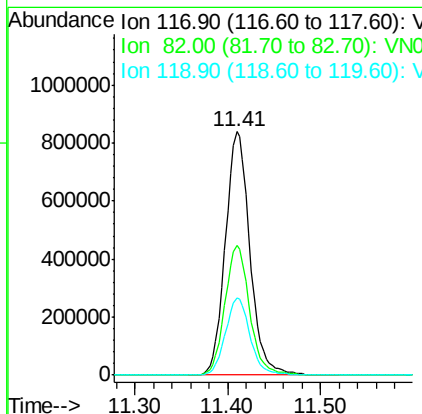
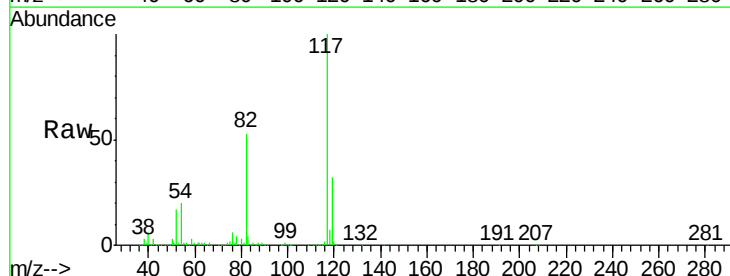
Instrument :
MSVOA_N
ClientSampled :
PB110667TB

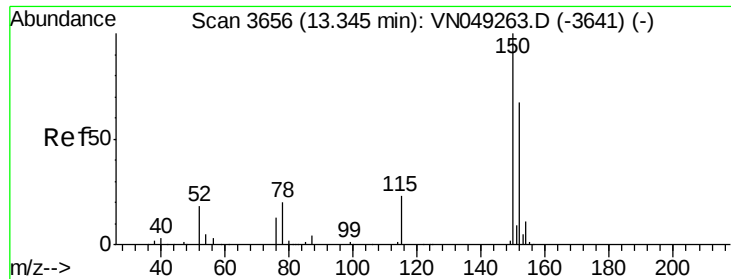
Tot Ion: 95 Resp: 716176
Ion Ratio Lower Upper
95 100
174 92.1 0.0 165.6
176 87.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049616.D
Acq: 29 Jun 2018 3:26

Tgt Ion: 117 Resp: 1536157
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049616.D

Acq: 29 Jun 2018 3:26

Instrument :

MSVOA_N

ClientSampleId :

PB110667TB

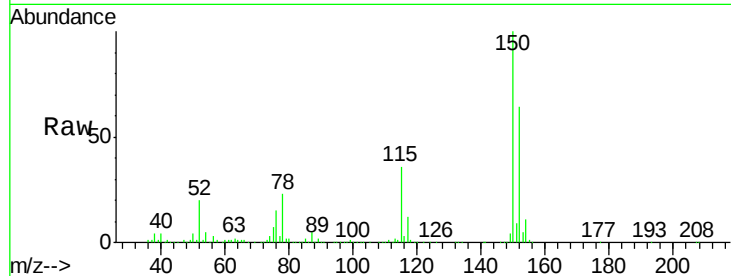
Tot Ion:152 Resp: 561602

Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.1

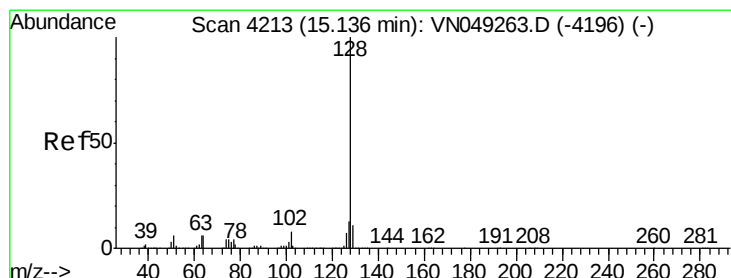
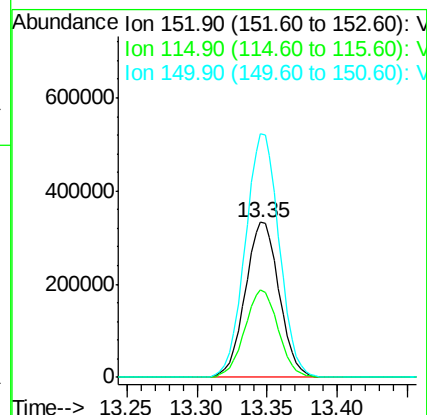
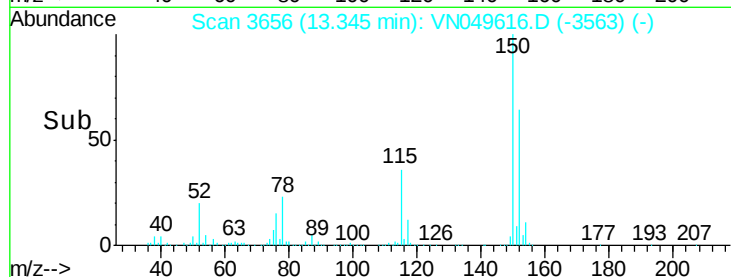
150 157.0 0.0 351.0



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: 3.86 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049616.D

Acq: 29 Jun 2018 3:26

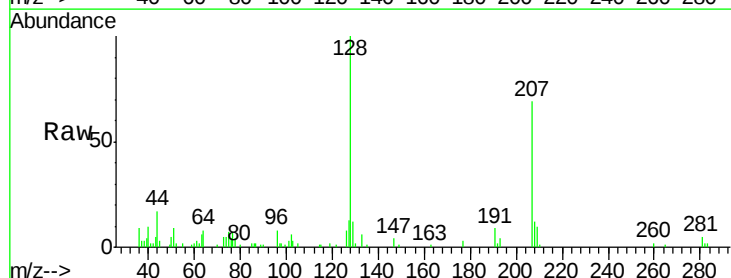
Tgt Ion:128 Resp: 27780

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 13.5 8.5 12.7#



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

