

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049353.D
 Acq On : 18 Jun 2018 19:31
 Operator : MD\SY
 Sample : PB110313ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110313ZHE#18

Quant Time: Jun 19 03:34:08 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

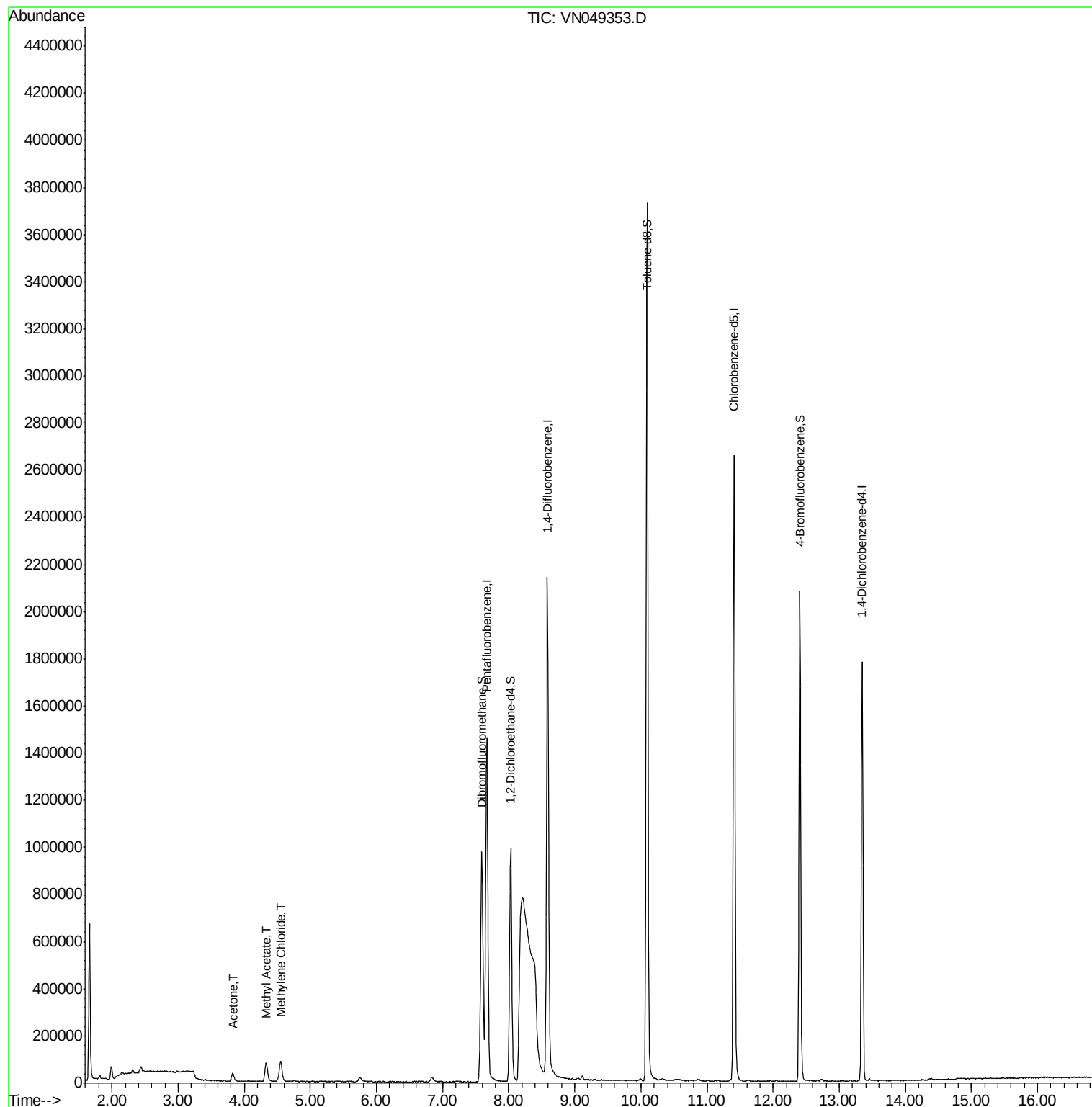
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1262451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2030283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1651168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	528396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	844307	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	7.59	113	757054	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	10.09	98	2740258	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	12.41	95	729109	35.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.52%	
Target Compounds						
16) Acetone	3.82	43	56650	13.934	ug/l	92
18) Methyl Acetate	4.33	43	153333	12.369	ug/l	95
20) Methylene Chloride	4.55	84	66987	3.945	ug/l	93

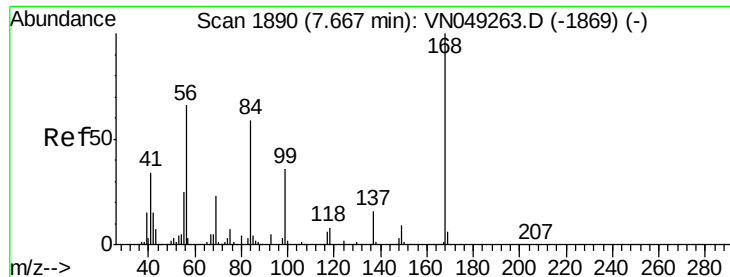
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049353.D

Acq: 18 Jun 2018 19:31

Instrument :

MSVOA_N

ClientSampleId :

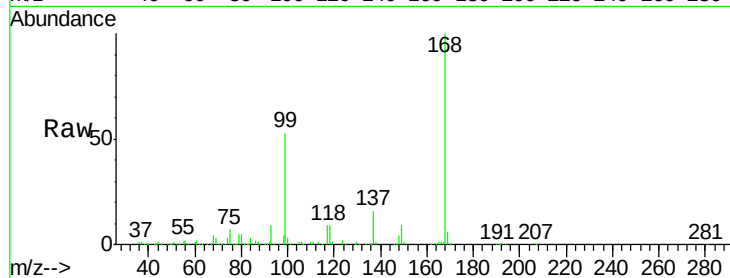
PB110313ZHE#18

Tot Ion:168 Resp: 1262451

Ion Ratio Lower Upper

168 100

99 53.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

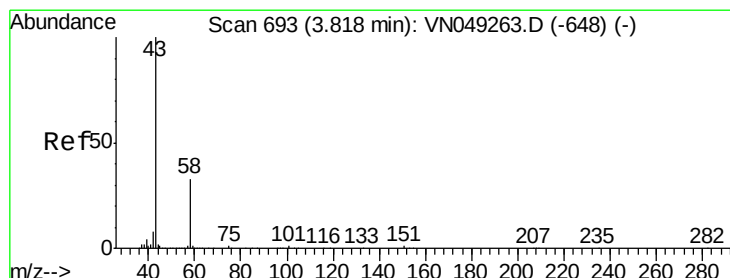
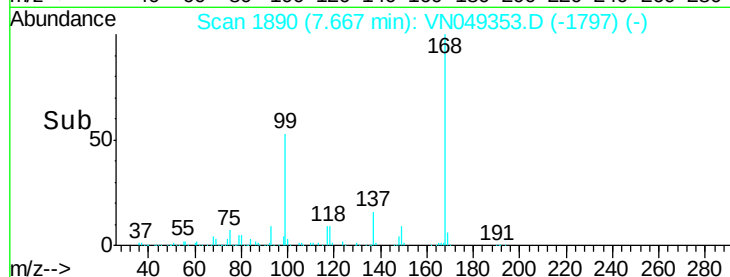
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 13.934 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049353.D

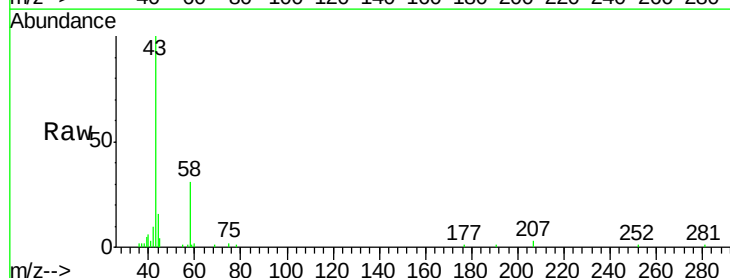
Acq: 18 Jun 2018 19:31

Tgt Ion: 43 Resp: 56650

Ion Ratio Lower Upper

43 100

58 32.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

25000

20000

15000

10000

5000

0

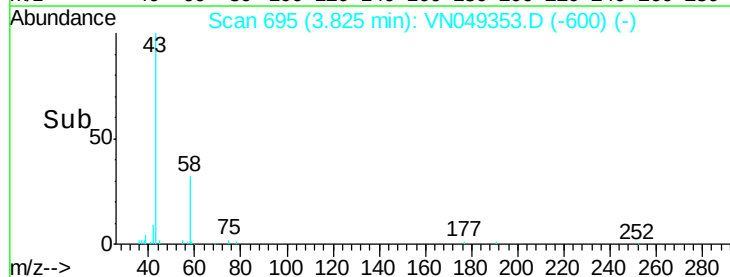
3.82

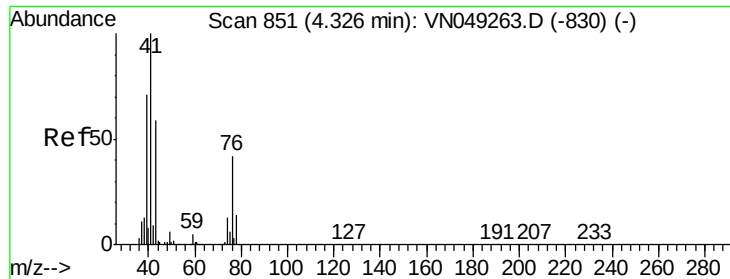
3.70

3.80

3.90

Time-->

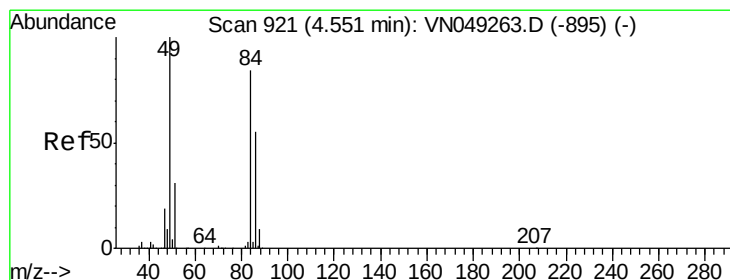
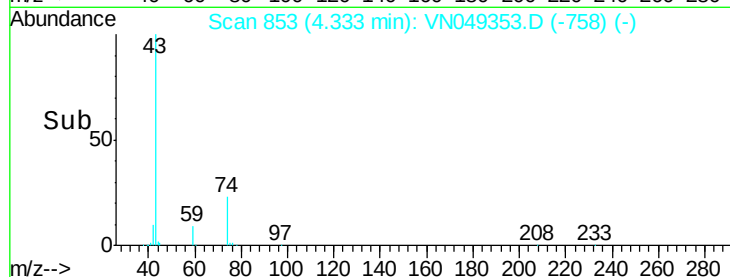
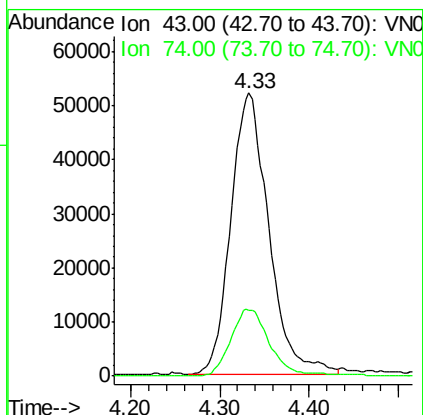
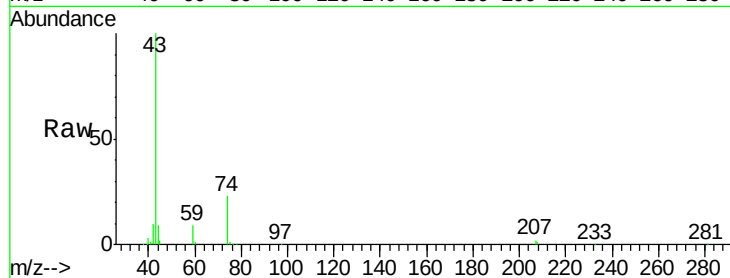




#18
Methvl Acetate
Concen: 12.369 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049353.D
Acq: 18 Jun 2018 19:31

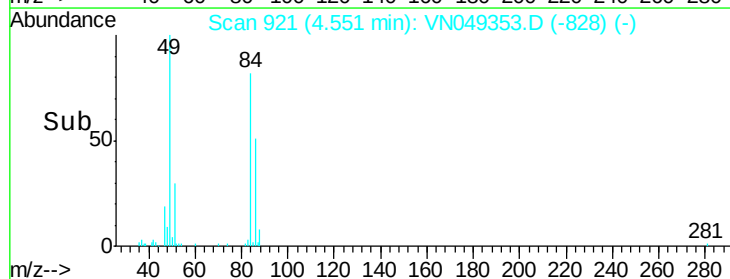
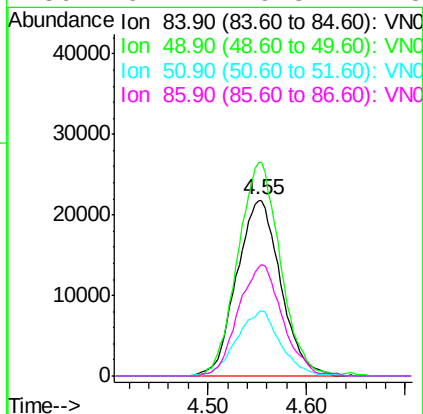
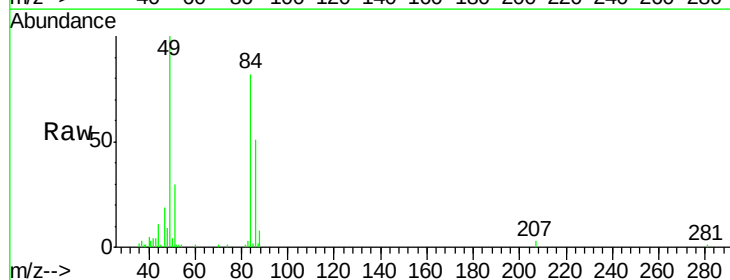
Instrument :
MSVOA_N
ClientSampleId :
PB110313ZHE#18

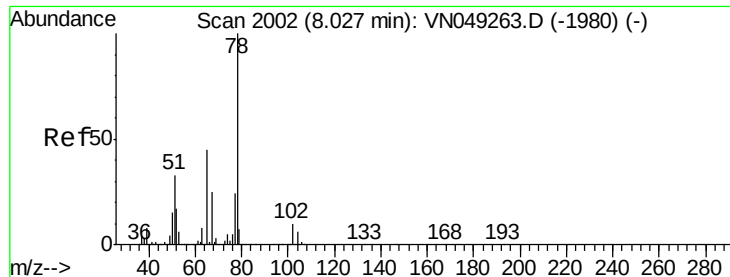
Tot Ion: 43 Resp: 153333
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0



#20
Methylene Chloride
Concen: 3.945 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049353.D
Acq: 18 Jun 2018 19:31

Tgt Ion: 84 Resp: 66987
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 36.1 32.7 49.1
86 62.1 49.8 74.8

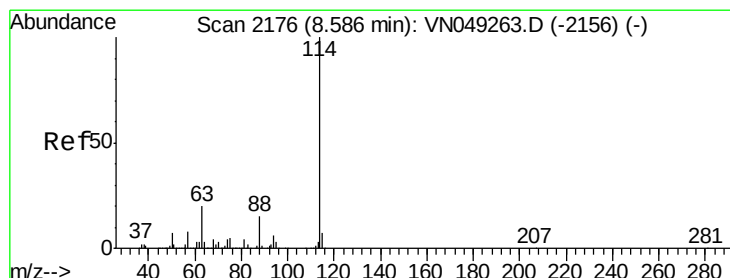
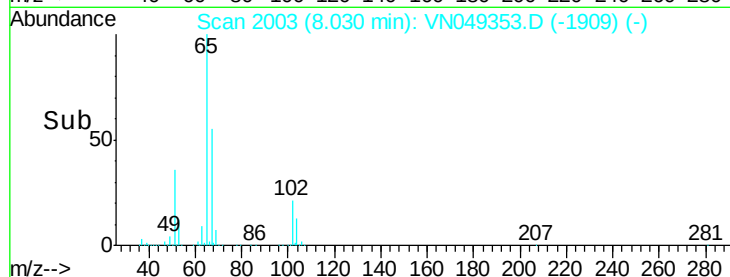
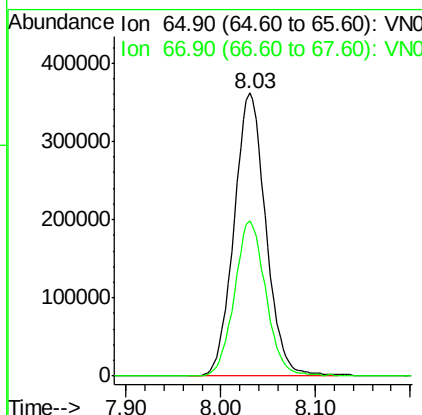
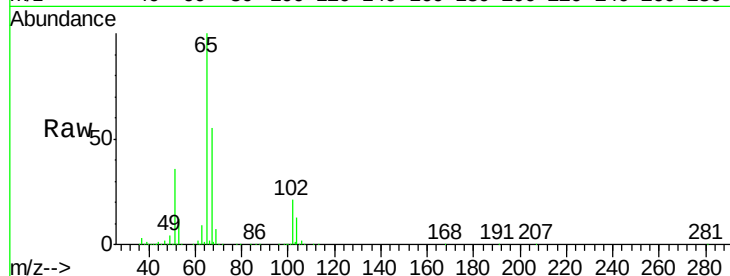




#33
 1,2-Dichloroethane-d4
 Concen: 50.423 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049353.D
 Acq: 18 Jun 2018 19:31

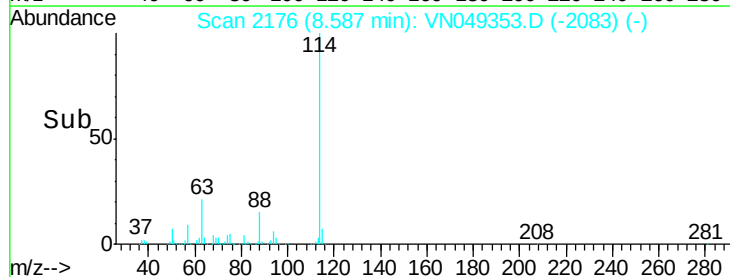
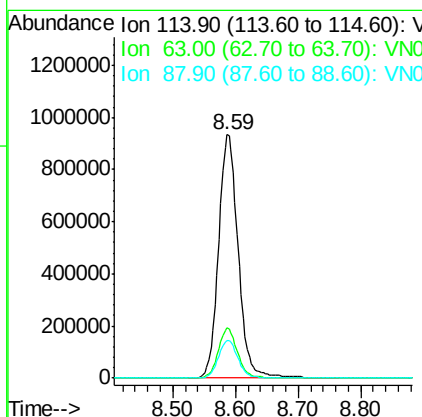
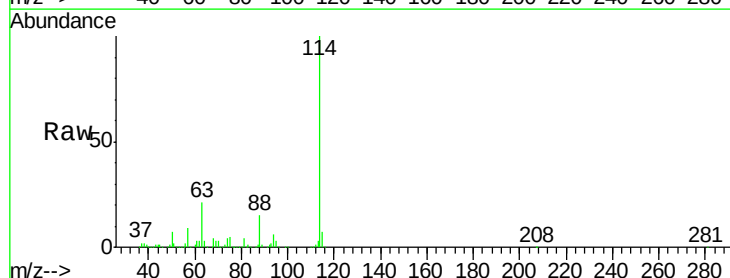
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110313ZHE#18

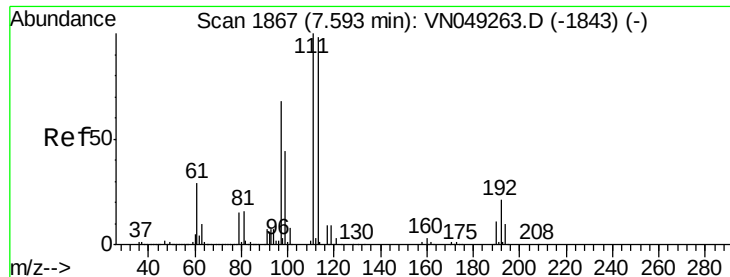
Tot Ion: 65 Resp: 844307
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049353.D
 Acq: 18 Jun 2018 19:31

Tgt Ion: 114 Resp: 2030283
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.089 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049353.D

Acq: 18 Jun 2018 19:31

Instrument :

MSVOA_N

ClientSampleId :

PB110313ZHE#18

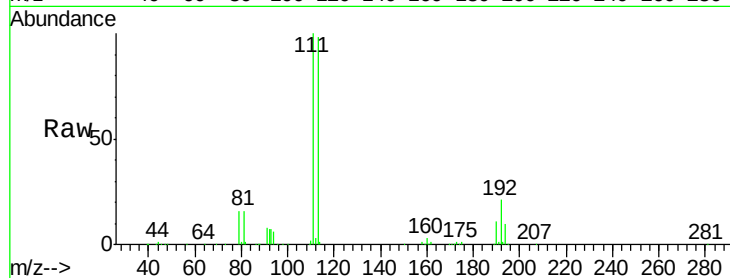
Tot Ion:113 Resp: 757054

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

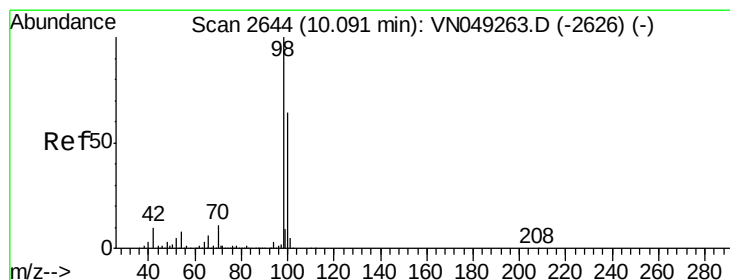
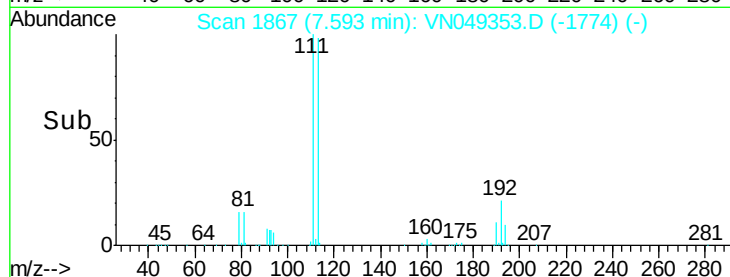
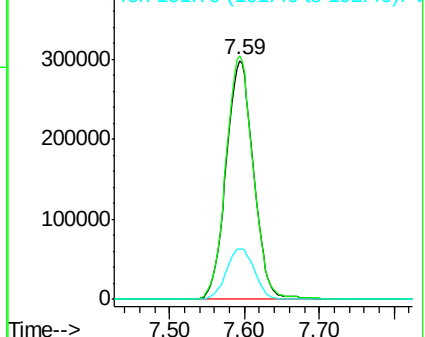
192 21.8 15.0 22.6



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



#50

Toluene-d8

Concen: 43.813 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049353.D

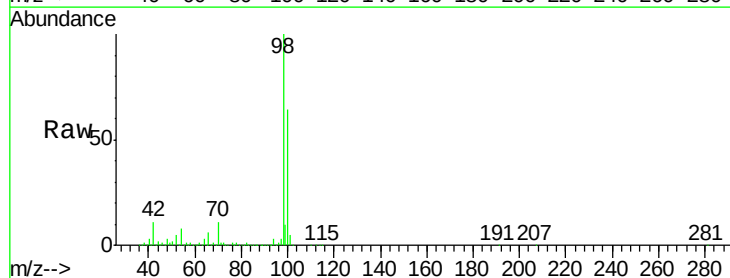
Acq: 18 Jun 2018 19:31

Tgt Ion: 98 Resp: 2740258

Ion Ratio Lower Upper

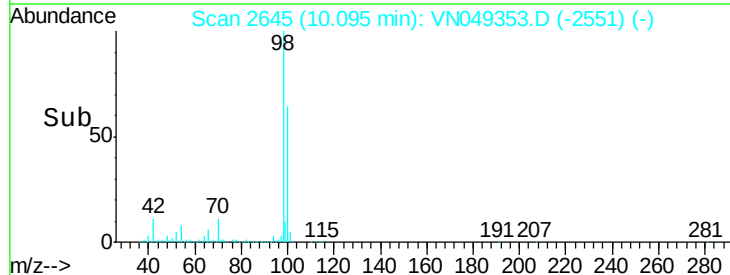
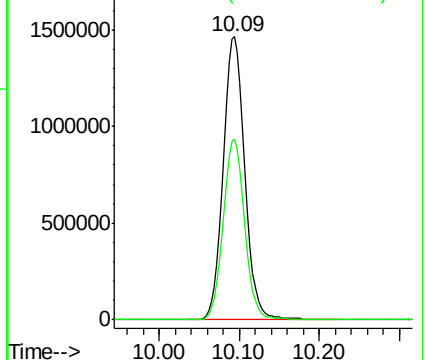
98 100

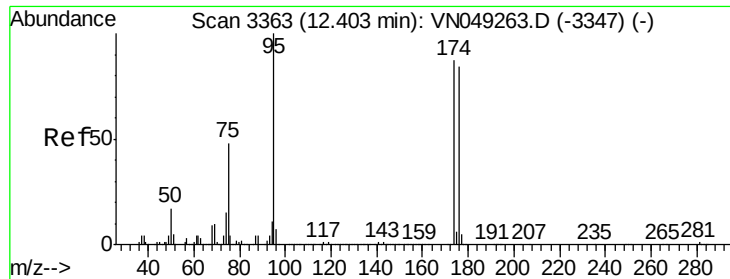
100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

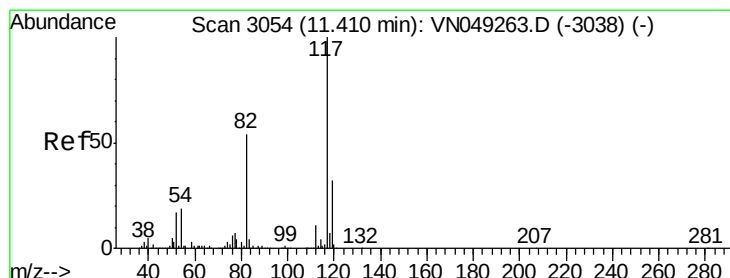
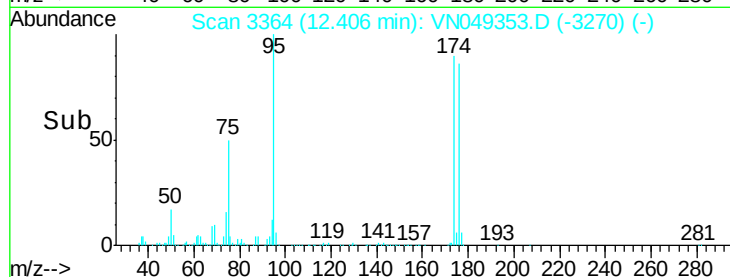
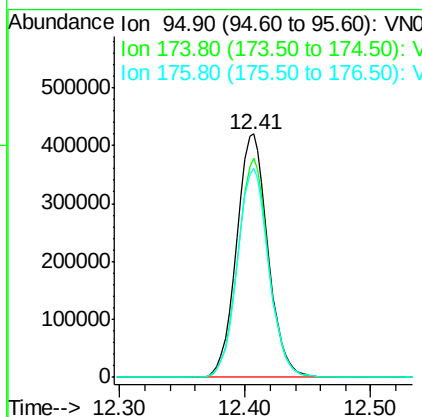
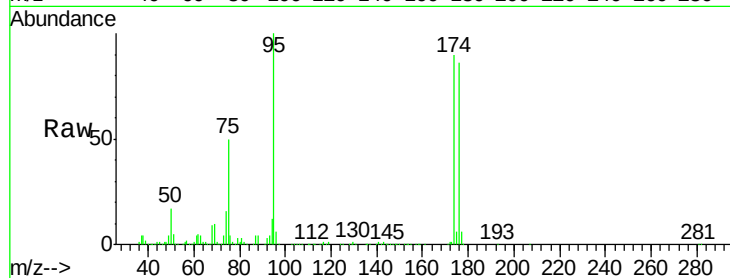




#62
4-Bromofluorobenzene
Concen: 35.256 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049353.D
Acq: 18 Jun 2018 19:31

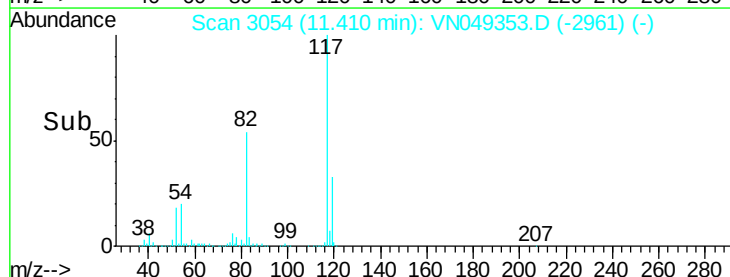
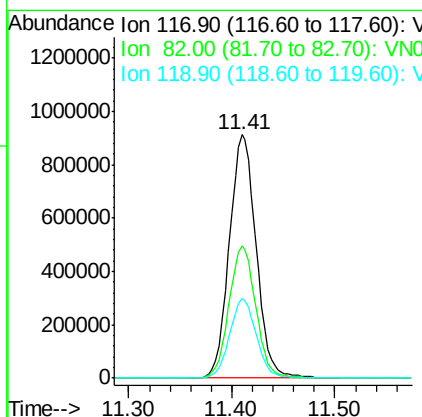
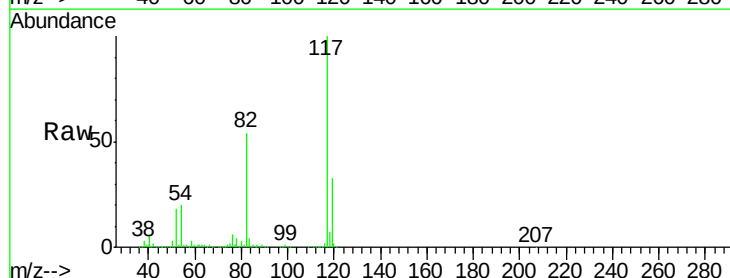
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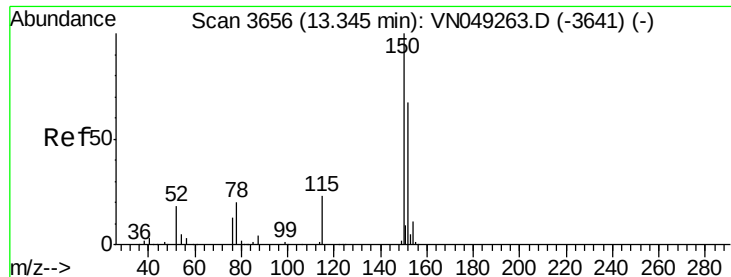
Tot Ion: 95 Resp: 729109
Ion Ratio Lower Upper
95 100
174 88.2 0.0 165.6
176 85.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049353.D
Acq: 18 Jun 2018 19:31

Tgt Ion: 117 Resp: 1651168
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049353.D

Acq: 18 Jun 2018 19:31

Instrument :

MSVOA_N

ClientSampleId :

PB110313ZHE#18

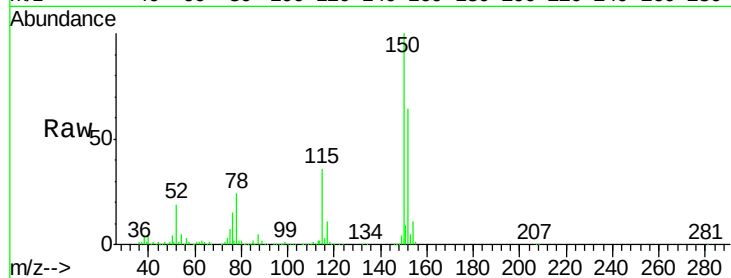
Tot Ion:152 Resp: 528396

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

150 156.8 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

