

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049355.D
 Acq On : 18 Jun 2018 20:22
 Operator : MD\SY
 Sample : PB110313ZHE#20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110313ZHE#20

Quant Time: Jun 19 03:38:10 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

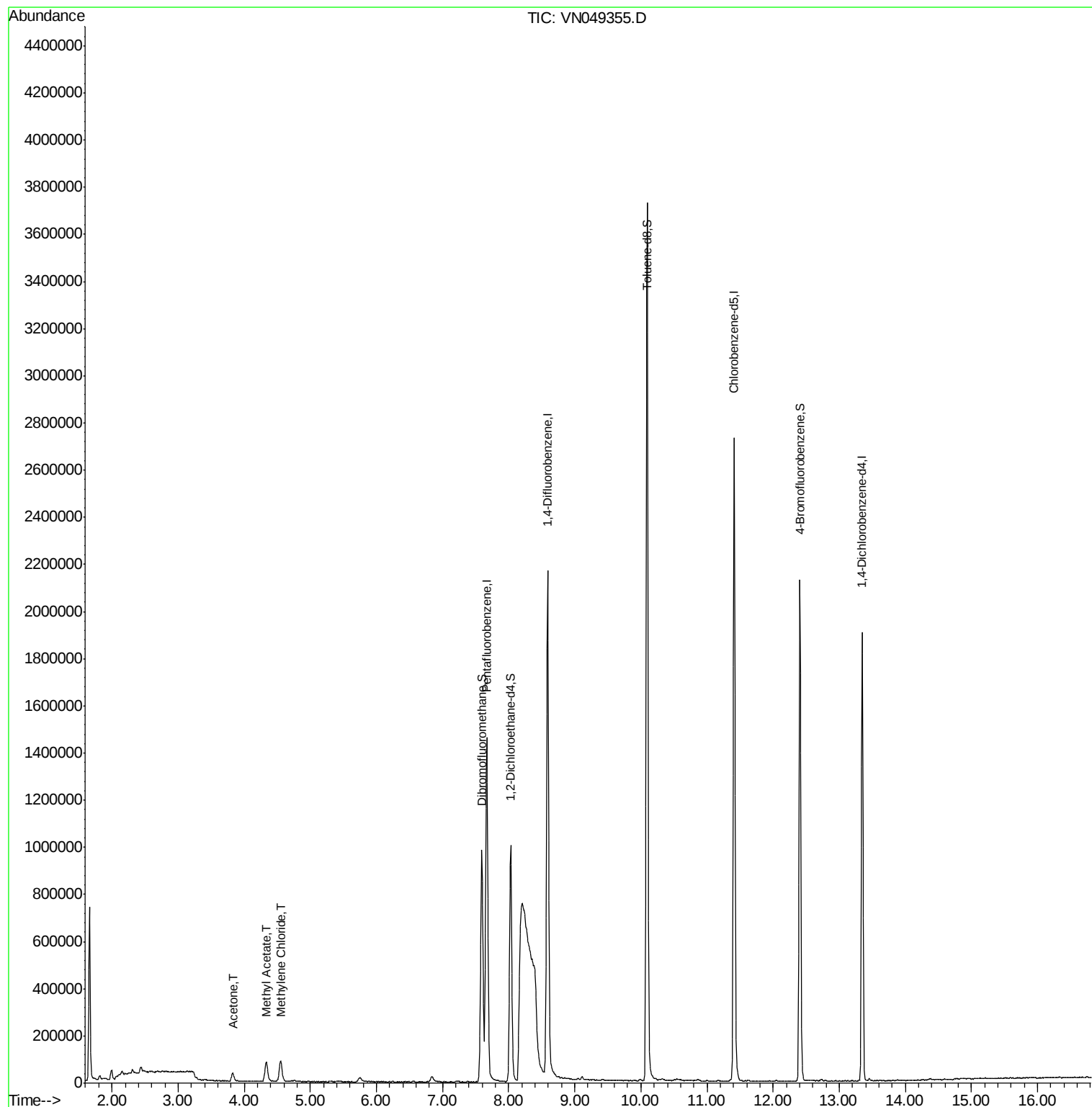
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1265211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2068154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1680155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	552952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	859719	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	748765	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
50) Toluene-d8	10.09	98	2754321	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
62) 4-Bromofluorobenzene	12.41	95	747522	35.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.96%	
Target Compounds						
16) Acetone	3.82	43	55994	13.743	ug/l	99
18) Methyl Acetate	4.34	43	166396	13.394	ug/l	95
20) Methylene Chloride	4.55	84	67805	3.985	ug/l	87

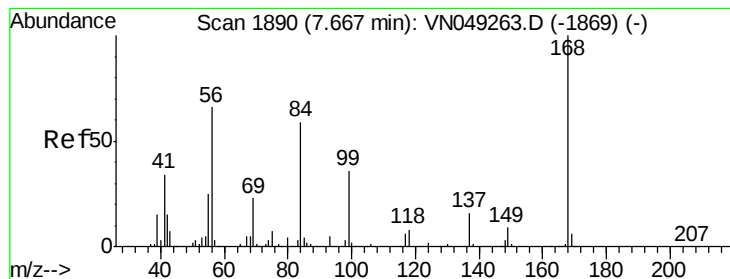
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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: VN049355.D

Acq: 18 Jun 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

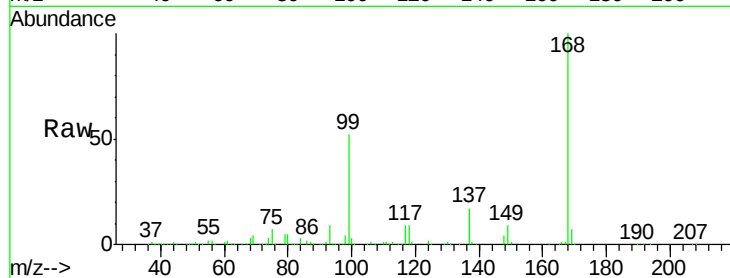
PB110313ZHE#20

Tot Ion:168 Resp: 1265211

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

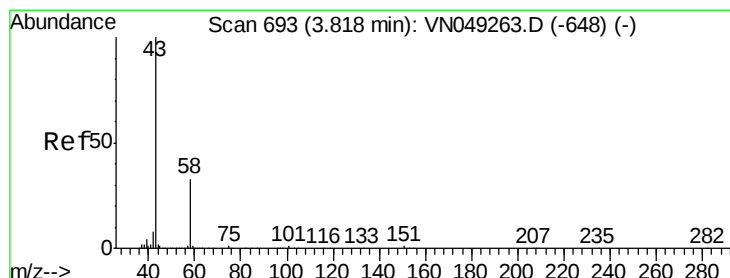
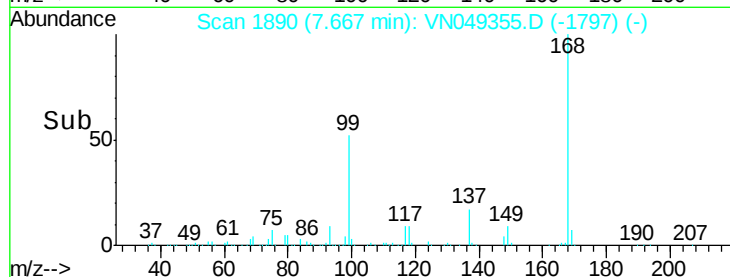
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.743 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049355.D

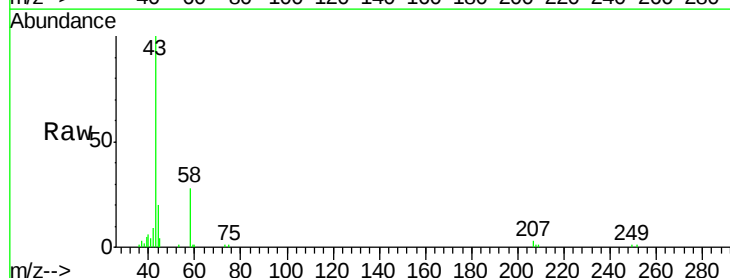
Acq: 18 Jun 2018 20:22

Tgt Ion: 43 Resp: 55994

Ion Ratio Lower Upper

43 100

58 28.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

25000

20000

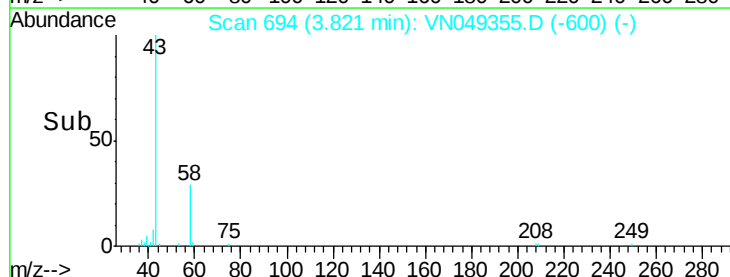
15000

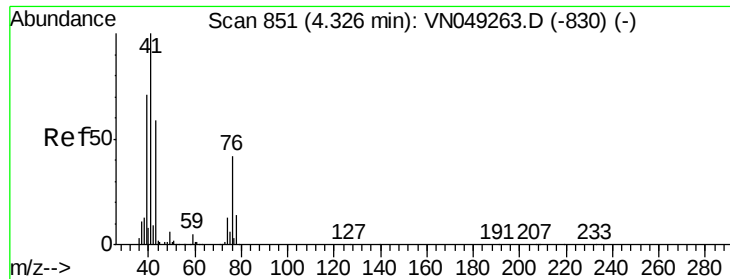
10000

5000

0

Time-->

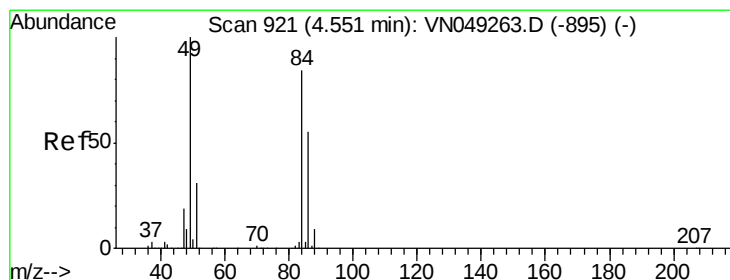
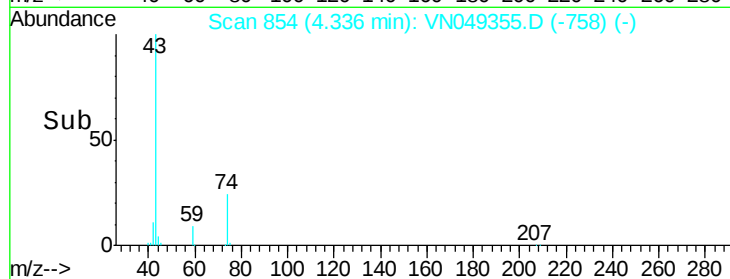
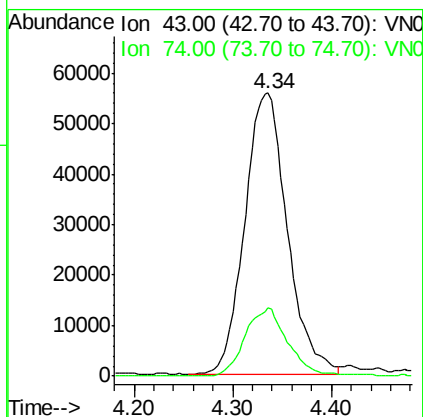
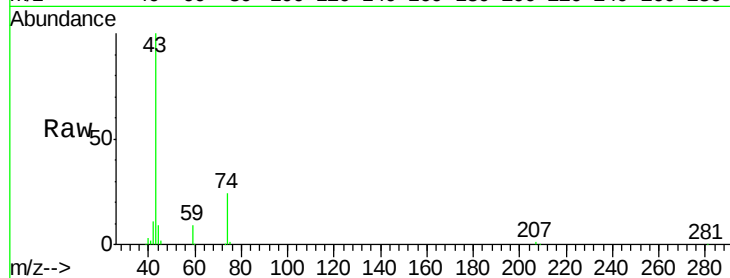




#18
Methvl Acetate
Concen: 13.394 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049355.D
Acq: 18 Jun 2018 20:22

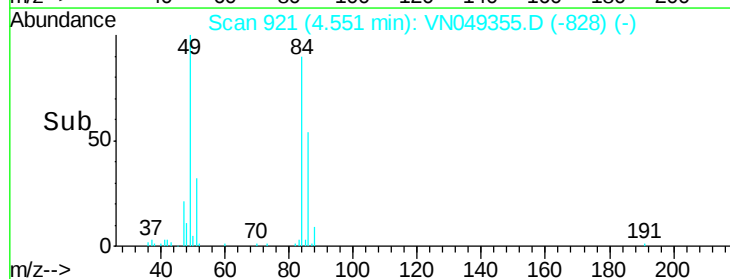
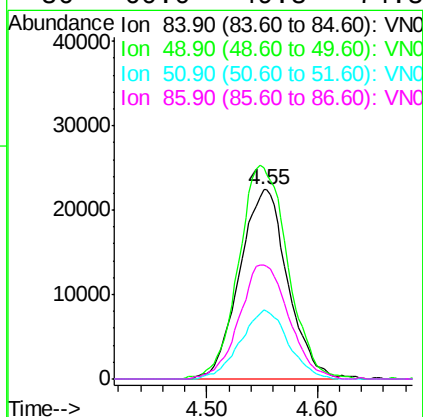
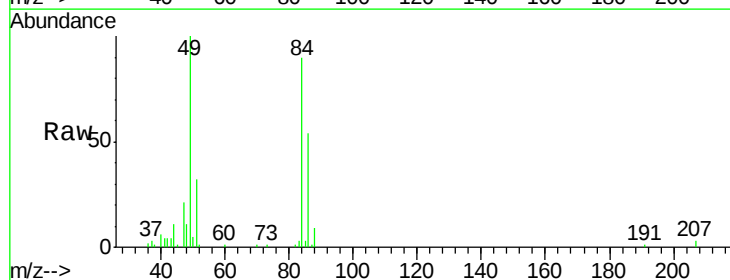
Instrument :
MSVOA_N
ClientSampleId :
PB110313ZHE#20

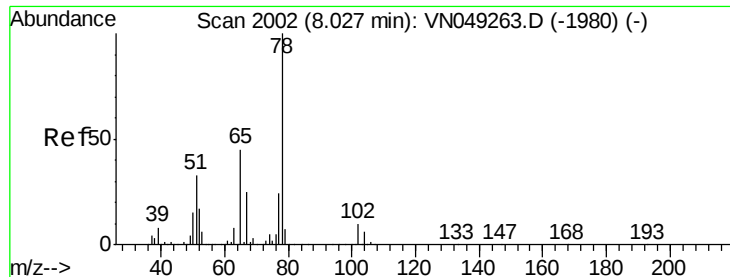
Tot Ion: 43 Resp: 166396
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0



#20
Methylene Chloride
Concen: 3.985 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049355.D
Acq: 18 Jun 2018 20:22

Tgt Ion: 84 Resp: 67805
Ion Ratio Lower Upper
84 100
49 110.6 106.9 160.3
51 36.3 32.7 49.1
86 60.0 49.8 74.8

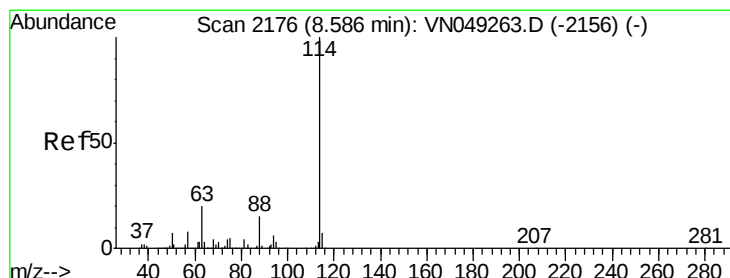
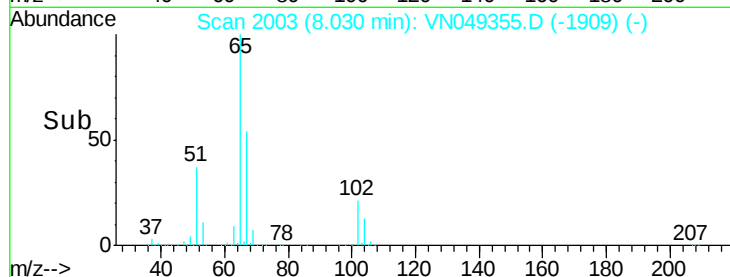
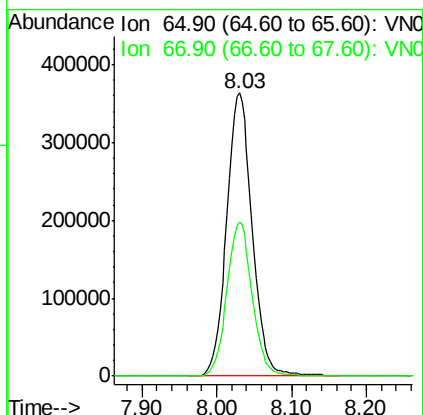
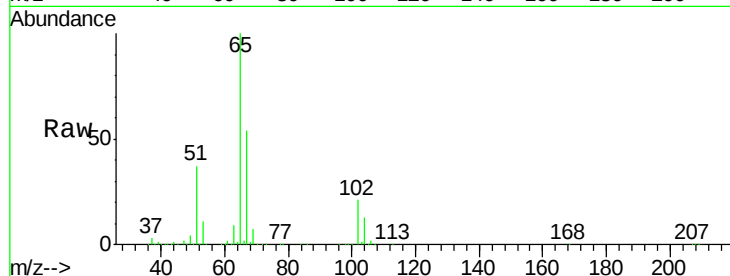




#33
 1,2-Dichloroethane-d4
 Concen: 51.232 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049355.D
 Acq: 18 Jun 2018 20:22

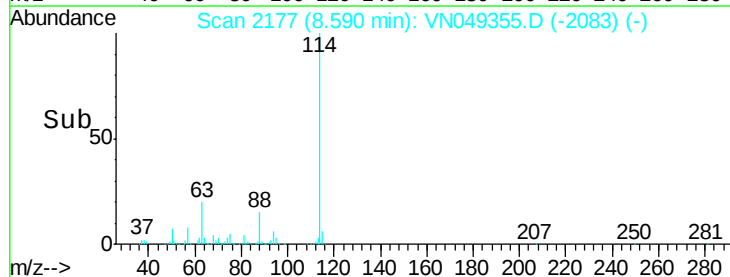
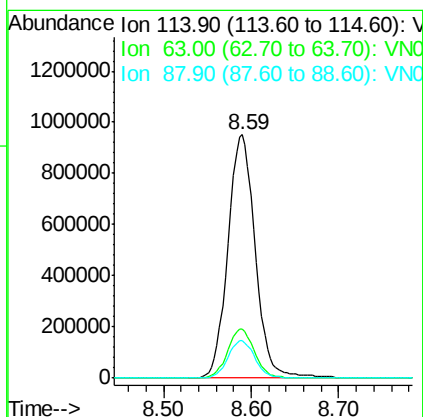
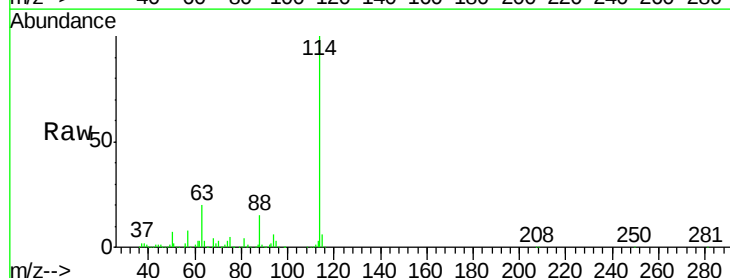
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110313ZHE#20

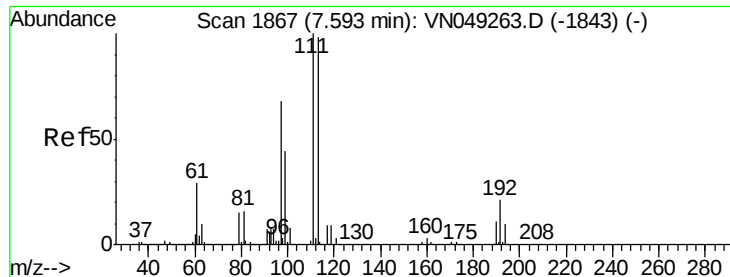
Tot Ion: 65 Resp: 859719
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049355.D
 Acq: 18 Jun 2018 20:22

Tgt Ion: 114 Resp: 2068154
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 44.750 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049355.D

Acq: 18 Jun 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB110313ZHE#20

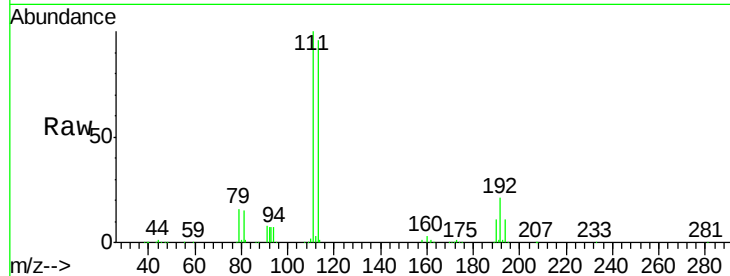
Tot Ion:113 Resp: 748765

Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

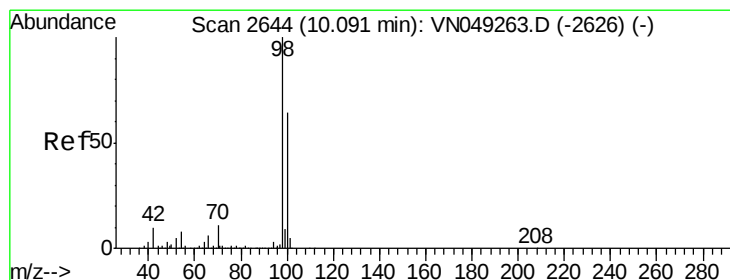
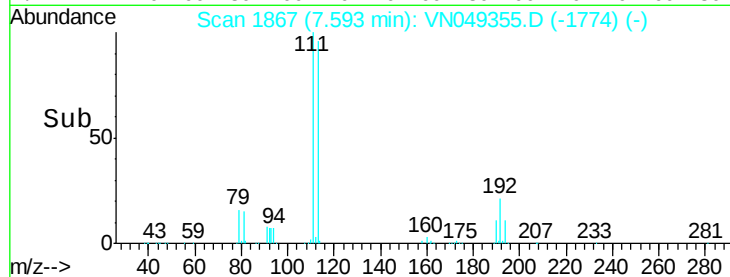
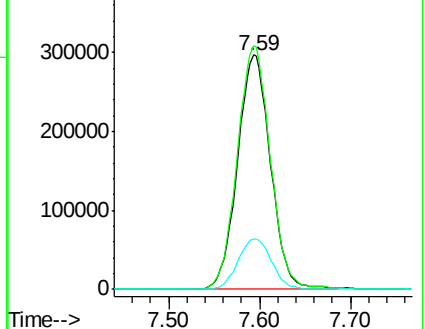
192 21.8 15.0 22.6



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: 43.232 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049355.D

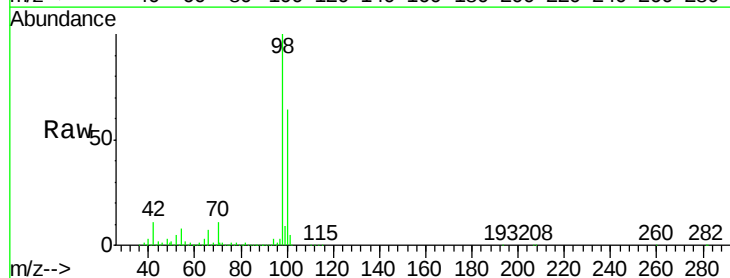
Acq: 18 Jun 2018 20:22

Tgt Ion: 98 Resp: 2754321

Ion Ratio Lower Upper

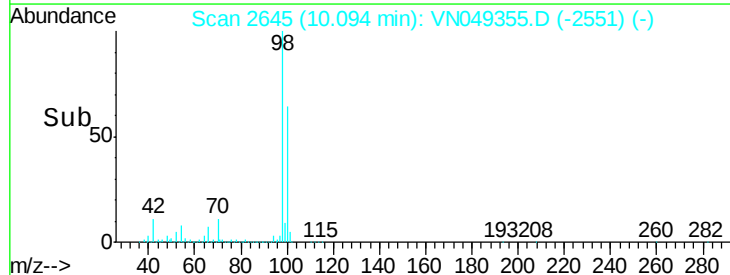
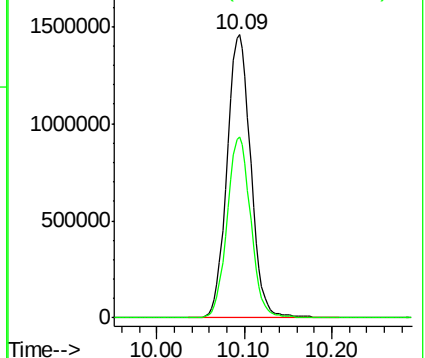
98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.485 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049355.D

Acq: 18 Jun 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB110313ZHE#20

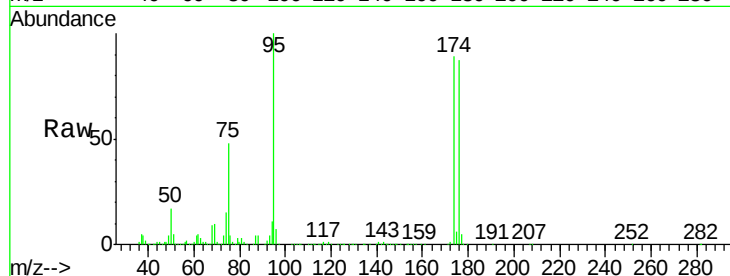
Tot Ion: 95 Resp: 747522

Ion Ratio Lower Upper

95 100

174 89.2 0.0 165.6

176 86.9 0.0 157.4

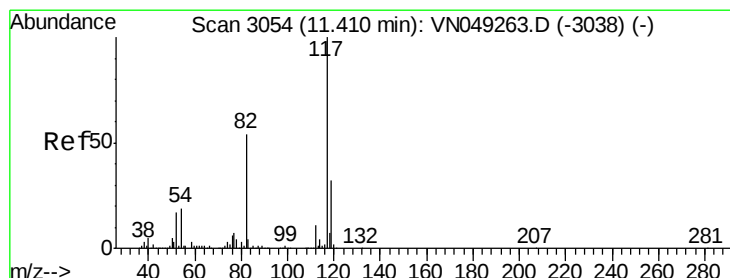
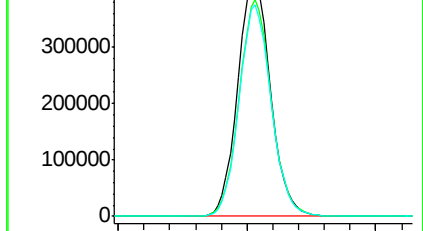
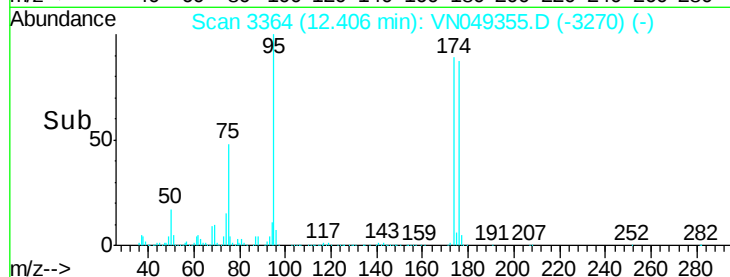


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049355.D

Acq: 18 Jun 2018 20:22

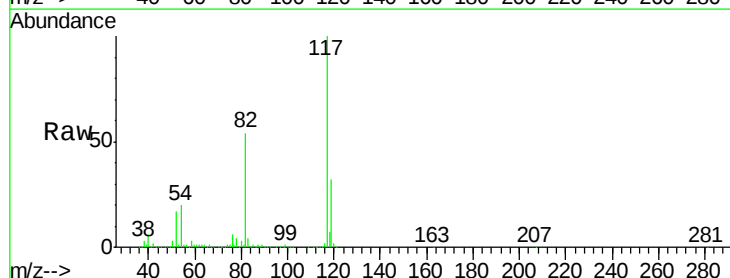
Tgt Ion: 117 Resp: 1680155

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

119 32.2 25.5 38.3

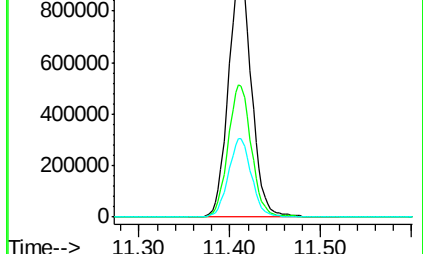
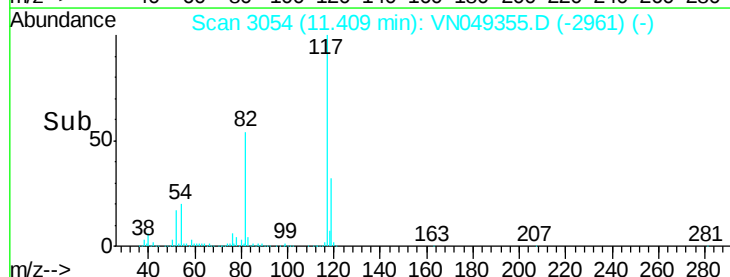


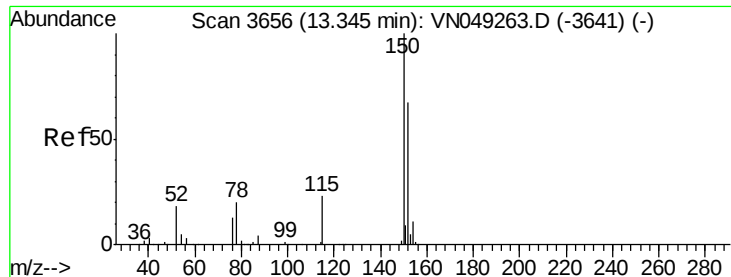
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049355.D

Acq: 18 Jun 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB110313ZHE#20

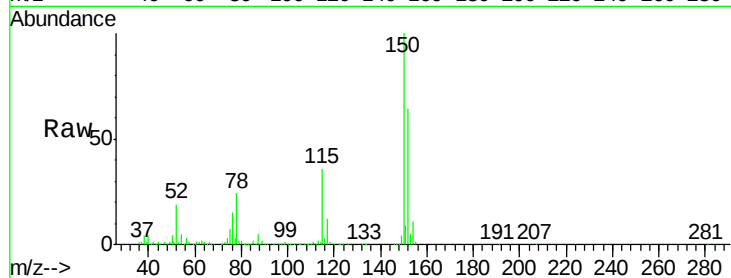
Tot Ion:152 Resp: 552952

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

150 156.3 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

