

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049587.D
 Acq On : 28 Jun 2018 14:07
 Operator : MD\SY
 Sample : PB110627ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#10

Quant Time: Jun 29 03:08:33 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

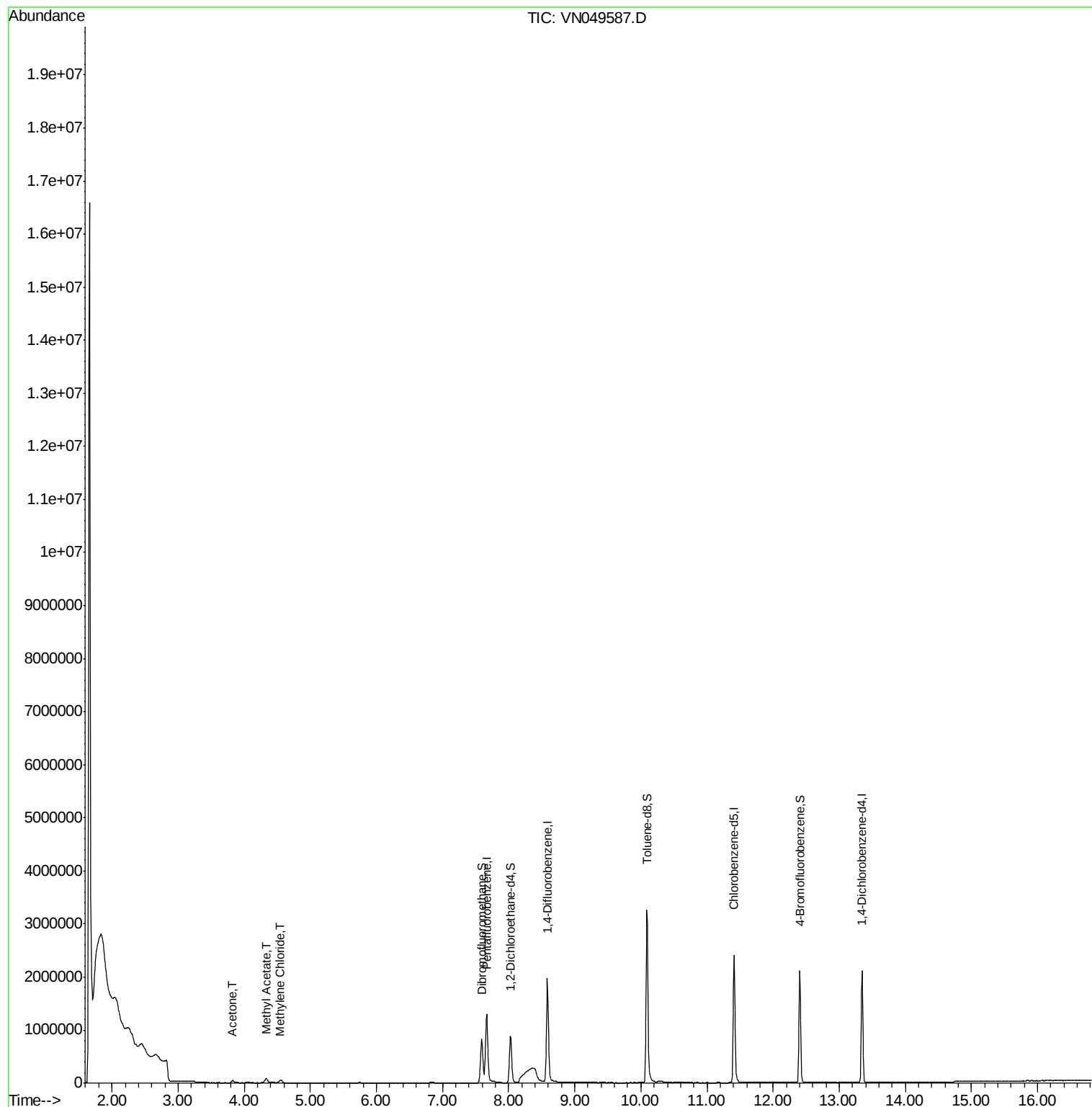
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1159714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1878985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1551136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	601098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	769731	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	641634	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
50) Toluene-d8	10.09	98	2510583	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
62) 4-Bromofluorobenzene	12.40	95	718993	37.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.14%	
Target Compounds						
16) Acetone	3.82	43	74892	20.05	ug/l	95
18) Methyl Acetate	4.33	43	158145	13.89	ug/l	96
20) Methylene Chloride	4.55	84	35808	2.30	ug/l	92

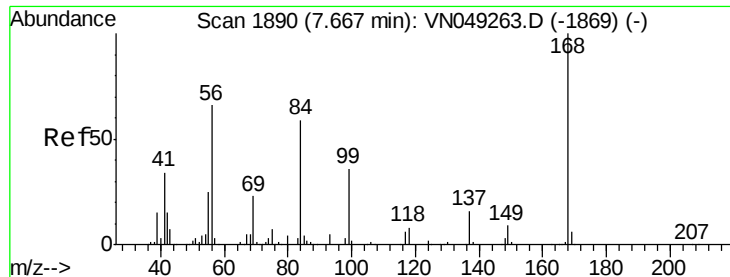
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049587.D
Acq On : 28 Jun 2018 14:07
Operator : MD\SY
Sample : PB110627ZHE#10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#10

Quant Time: Jun 29 03:08:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049587.D

Acq: 28 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

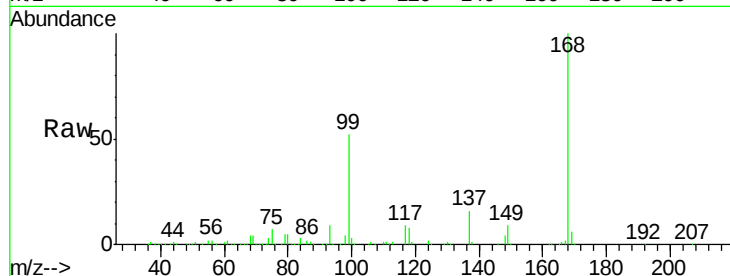
PB110627ZHE#10

Tot Ion:168 Resp: 1159714

Ion Ratio Lower Upper

168 100

99 51.7 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

400000

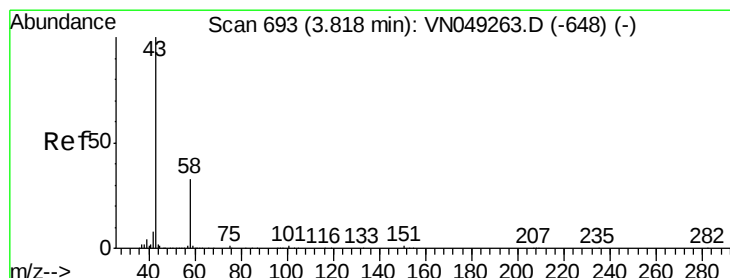
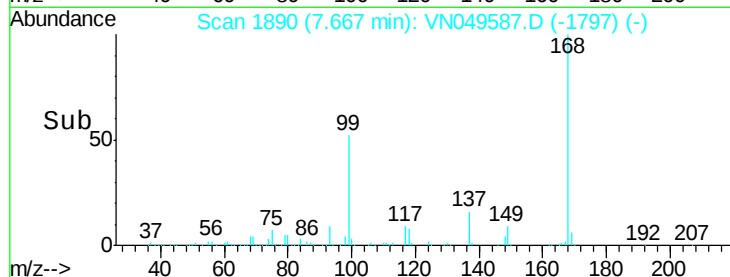
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 20.05 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049587.D

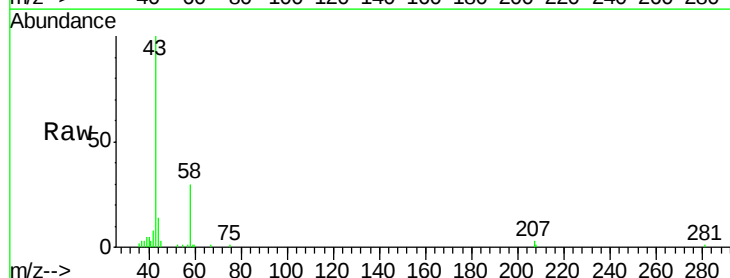
Acq: 28 Jun 2018 14:07

Tgt Ion: 43 Resp: 74892

Ion Ratio Lower Upper

43 100

58 30.8 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

30000

25000

20000

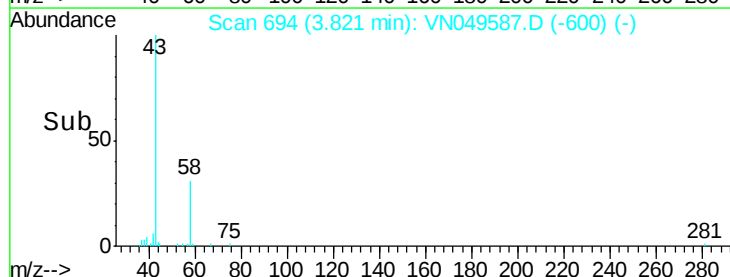
15000

10000

5000

0

Time-->

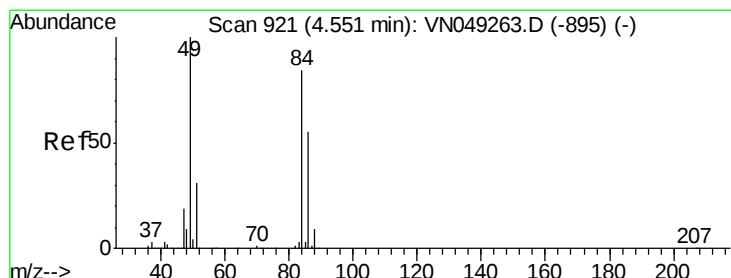
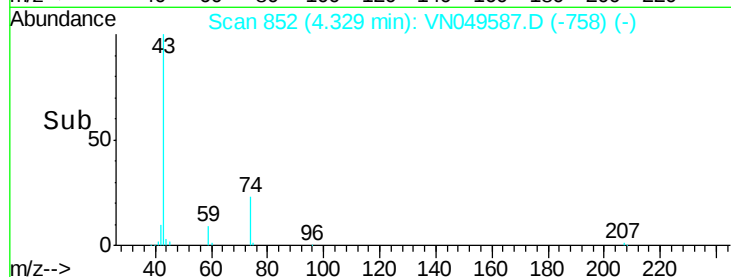
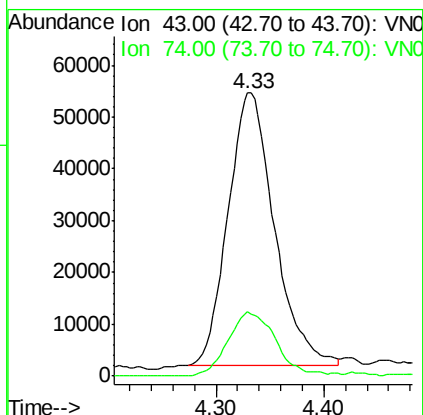
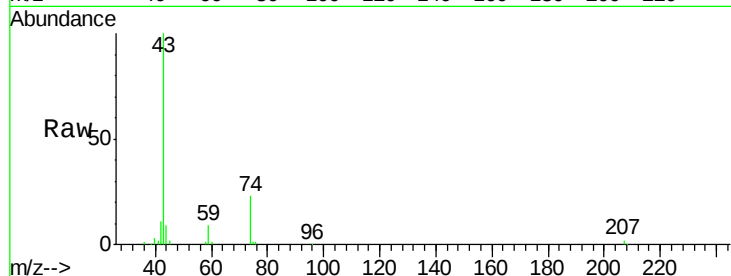




#18
Methvl Acetate
Concen: 13.89 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049587.D
Acq: 28 Jun 2018 14:07

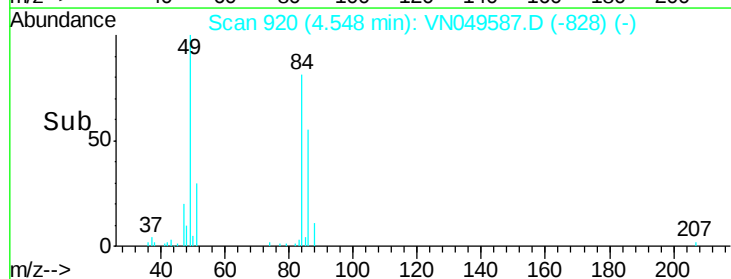
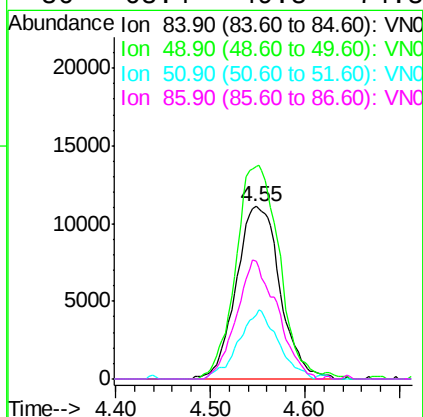
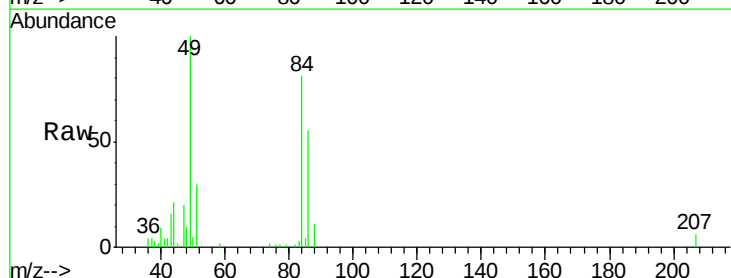
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#10

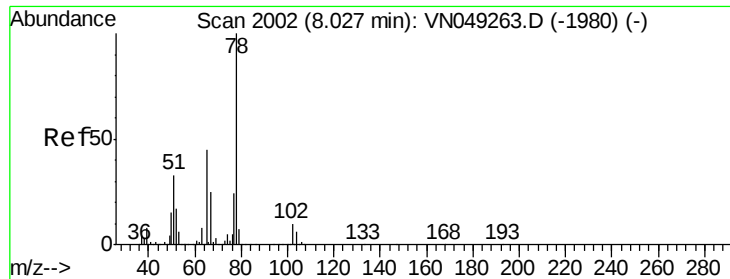
Tot Ion: 43 Resp: 158145
Ion Ratio Lower Upper
43 100
74 23.7 17.4 26.0



#20
Methylene Chloride
Concen: 2.30 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049587.D
Acq: 28 Jun 2018 14:07

Tgt Ion: 84 Resp: 35808
Ion Ratio Lower Upper
84 100
49 123.5 106.9 160.3
51 36.9 32.7 49.1
86 68.4 49.8 74.8

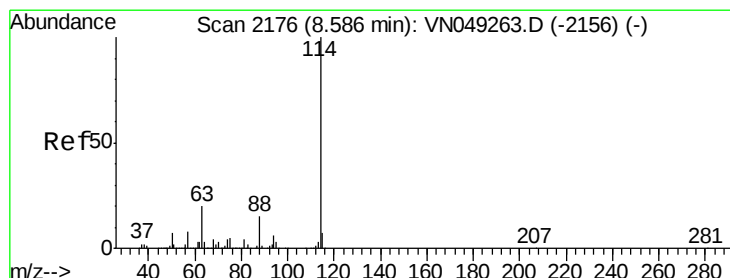
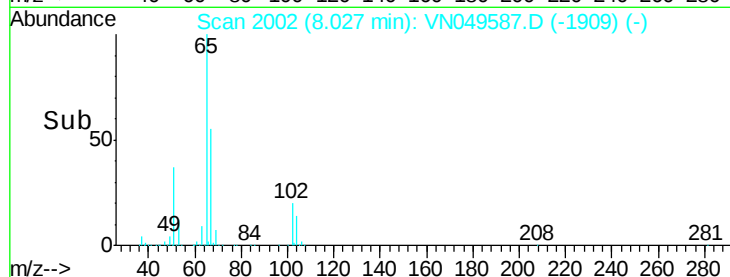
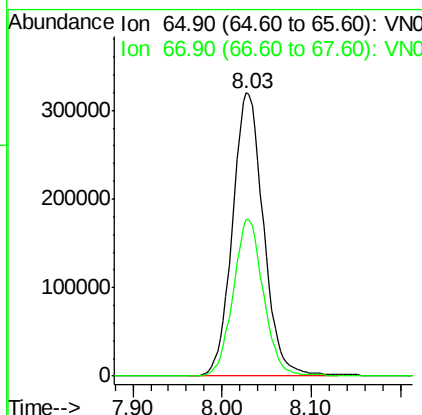
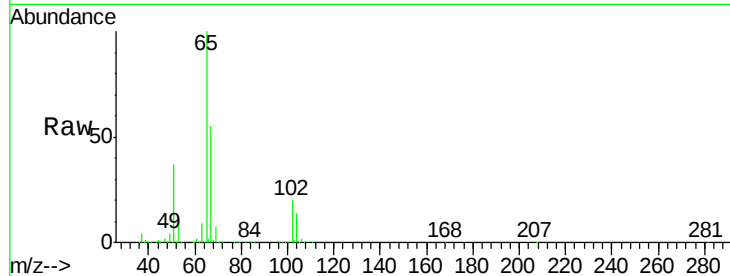




#33
 1,2-Dichloroethane-d4
 Concen: 50.04 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049587.D
 Acq: 28 Jun 2018 14:07

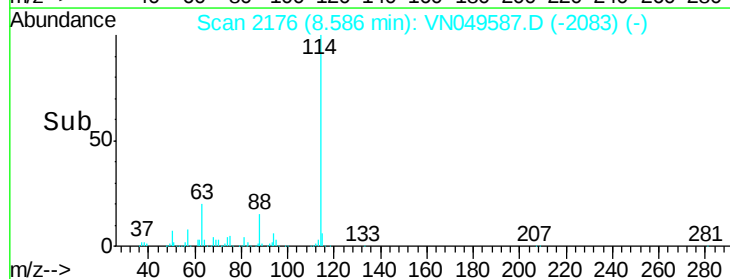
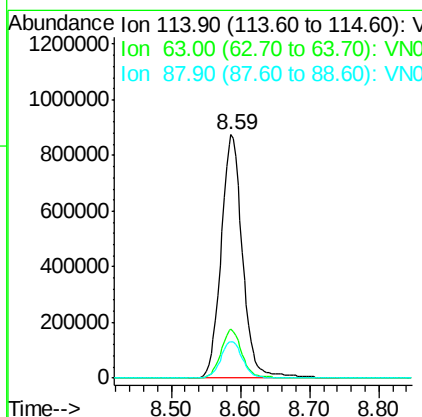
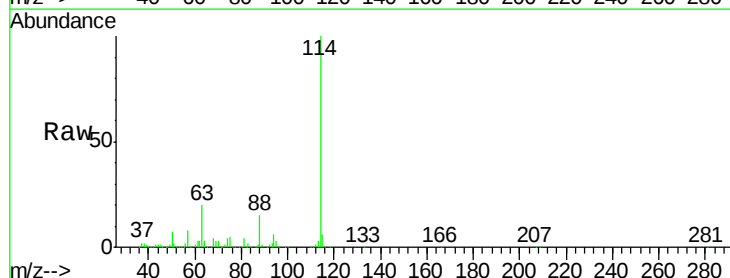
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#10

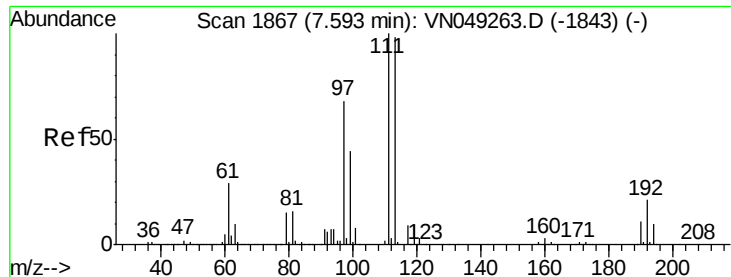
Tot Ion: 65 Resp: 769731
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049587.D
 Acq: 28 Jun 2018 14:07

Tgt Ion: 114 Resp: 1878985
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.0 0.0 31.4

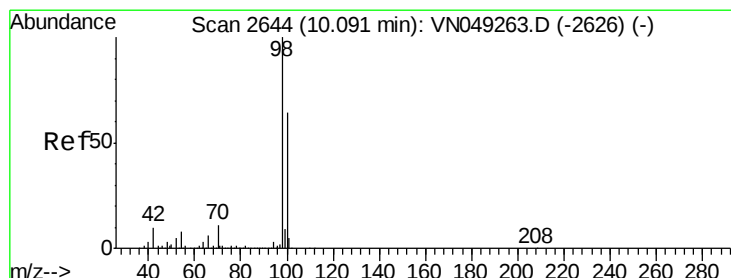
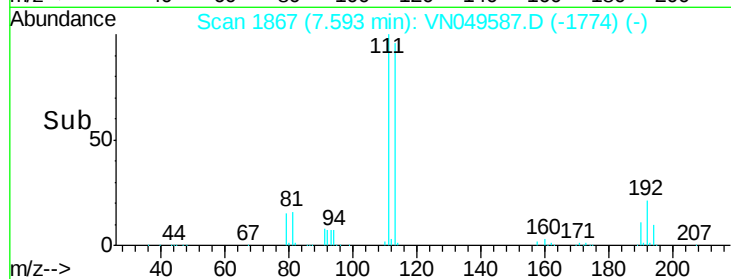
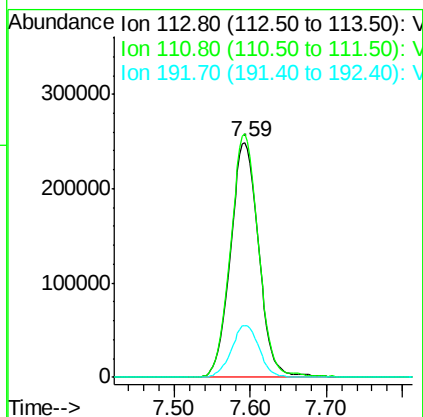
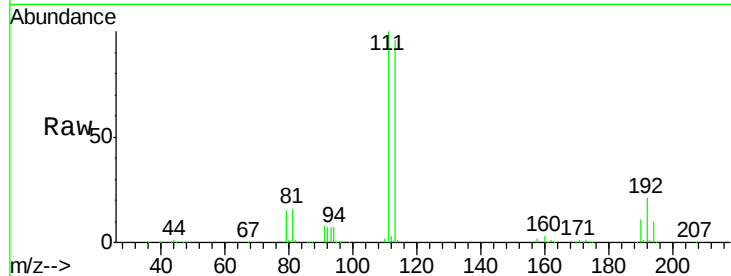




#35
Dibromofluoromethane
Concen: 42.21 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049587.D
Acq: 28 Jun 2018 14:07

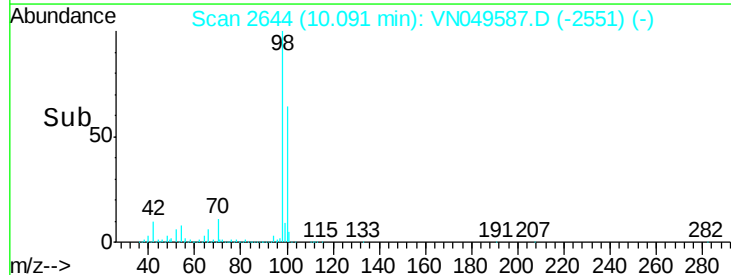
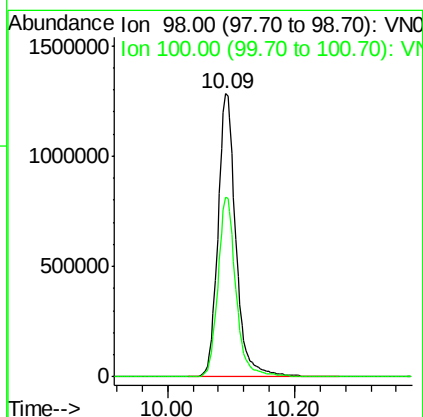
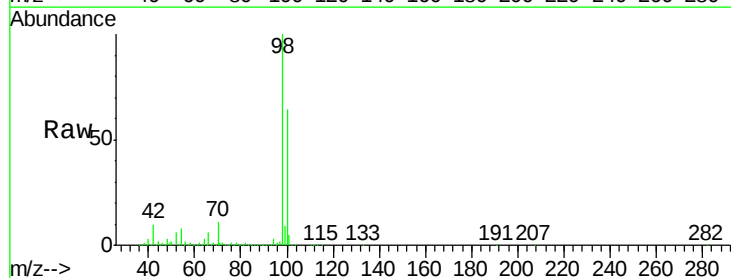
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#10

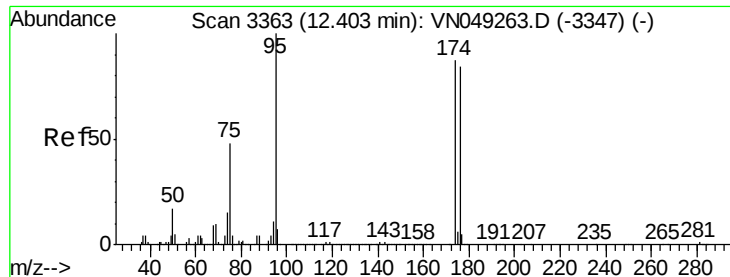
Tot Ion:113 Resp: 641634
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 21.8 15.0 22.6



#50
Toluene-d8
Concen: 43.37 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049587.D
Acq: 28 Jun 2018 14:07

Tgt Ion: 98 Resp: 2510583
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 37.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049587.D

Acq: 28 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#10

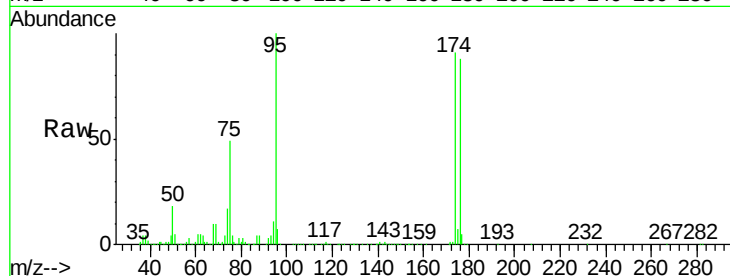
Tot Ion: 95 Resp: 718993

Ion Ratio Lower Upper

95 100

174 91.2 0.0 165.6

176 87.7 0.0 157.4



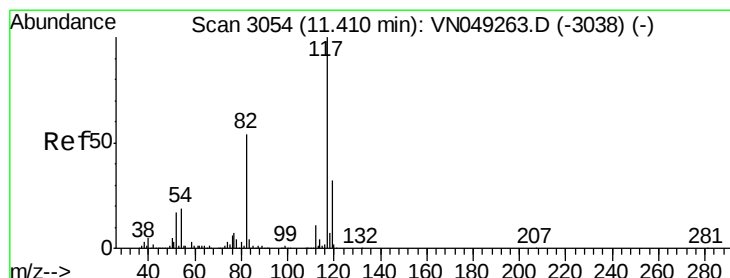
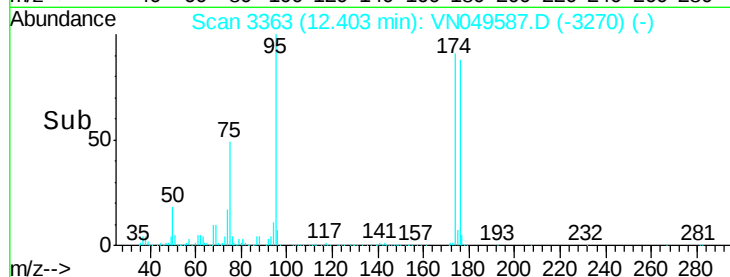
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

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

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

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049587.D

Acq: 28 Jun 2018 14:07

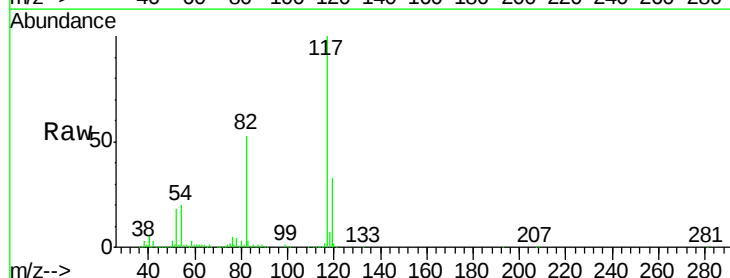
Tgt Ion: 117 Resp: 1551136

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

119 32.6 25.5 38.3



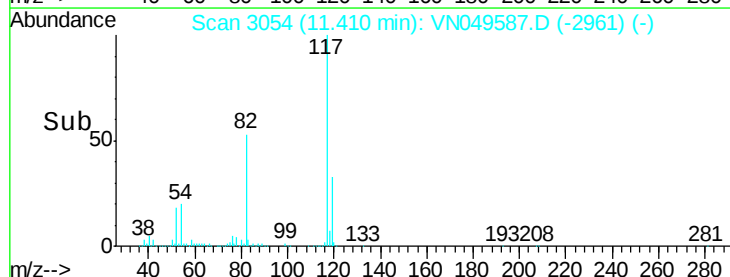
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

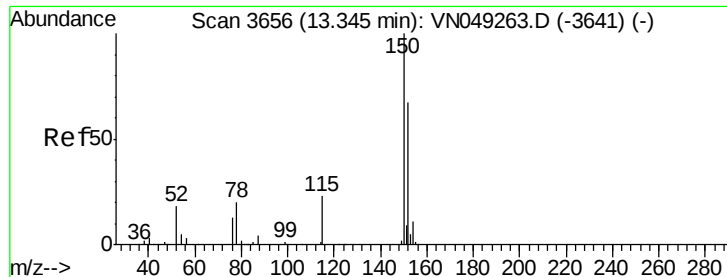
Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

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

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049587.D

Acq: 28 Jun 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#10

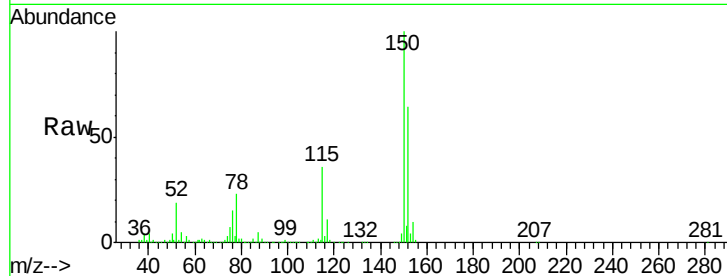
Tot Ion:152 Resp: 601098

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.1

150 157.4 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

