

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049589.D
 Acq On : 28 Jun 2018 14:59
 Operator : MD\SY
 Sample : PB110627ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#12

Quant Time: Jun 29 03:15:31 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	1126579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1846743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1505693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	573991	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	753863	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	624752	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
50) Toluene-d8	10.09	98	2465681	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
62) 4-Bromofluorobenzene	12.40	95	704191	37.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.88%	

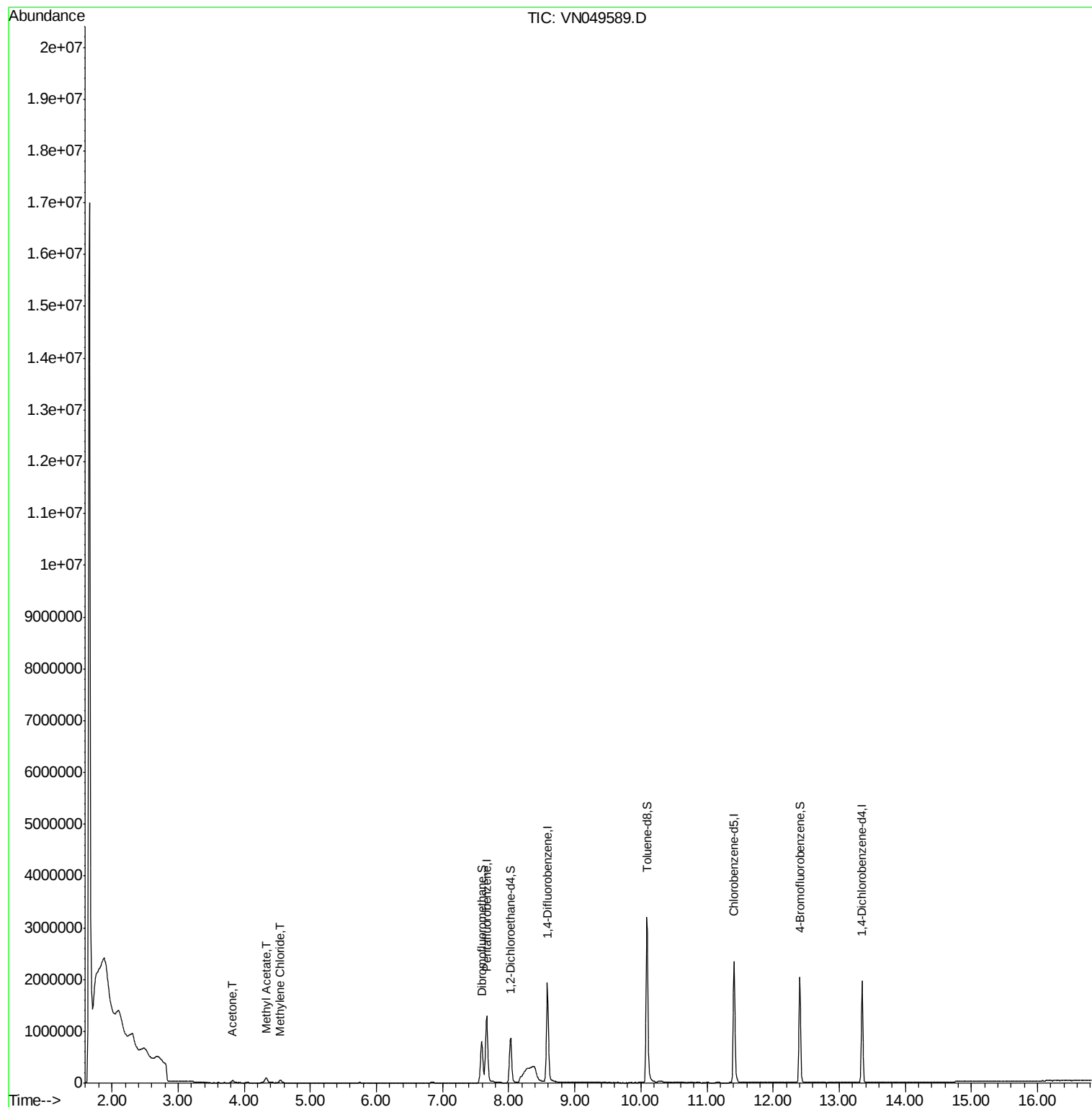
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	78889	21.74	ug/l	99
18) Methyl Acetate	4.33	43	181553	16.41	ug/l	96
20) Methylene Chloride	4.54	84	35534	2.35	ug/l	92

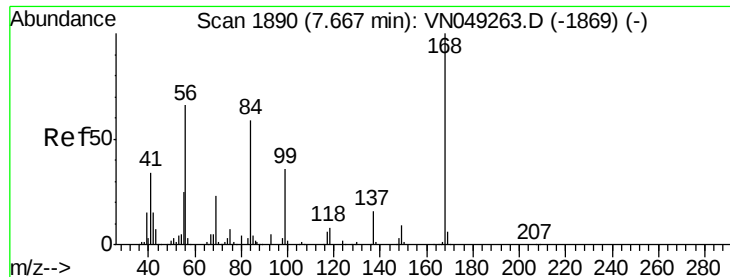
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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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: VN049589.D

Acq: 28 Jun 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

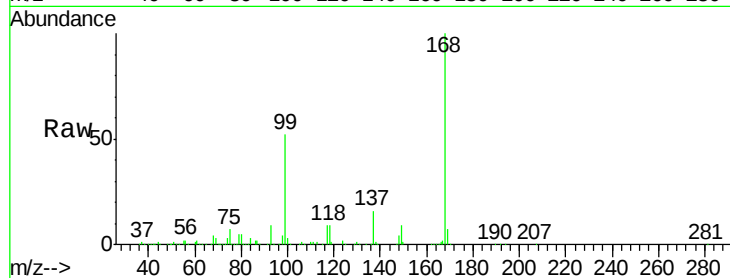
PB110627ZHE#12

Tot Ion:168 Resp: 1126579

Ion Ratio Lower Upper

168 100

99 51.6 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

400000

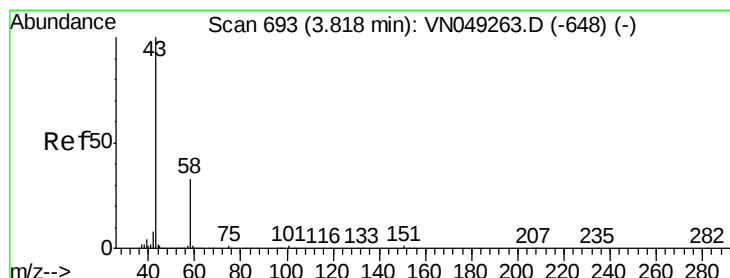
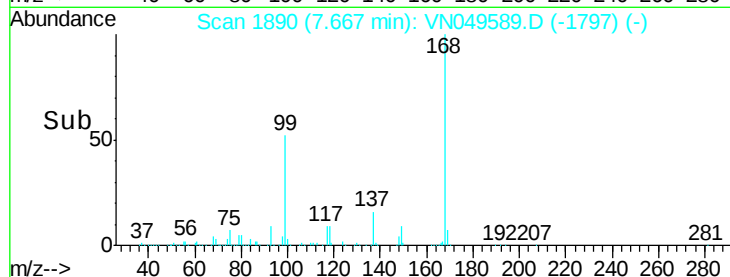
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 21.74 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049589.D

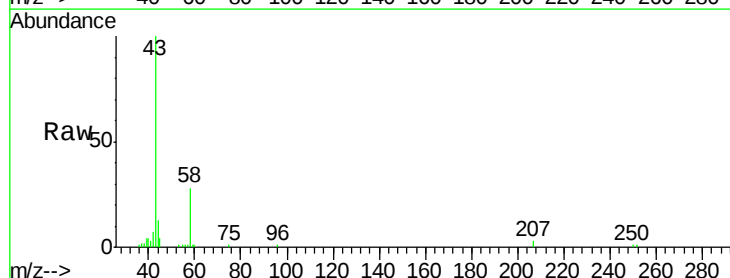
Acq: 28 Jun 2018 14:59

Tgt Ion: 43 Resp: 78889

Ion Ratio Lower Upper

43 100

58 28.7 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

30000

25000

20000

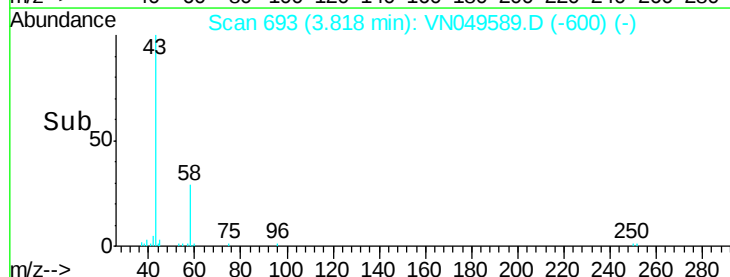
15000

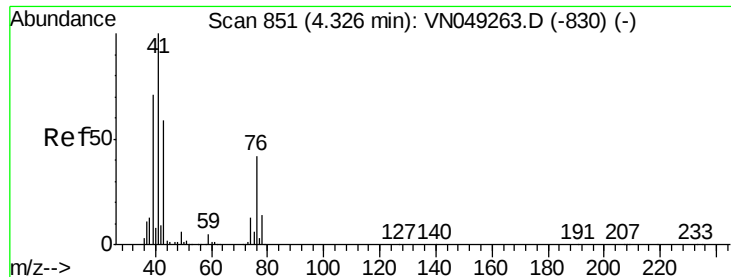
10000

5000

0

Time-->

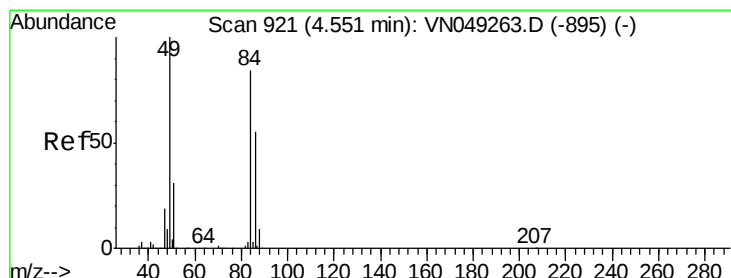
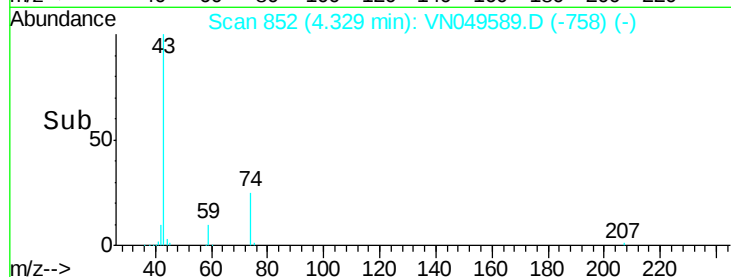
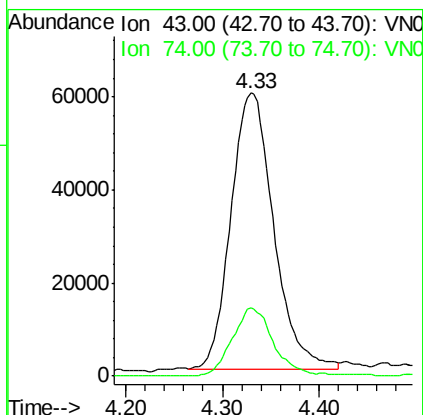
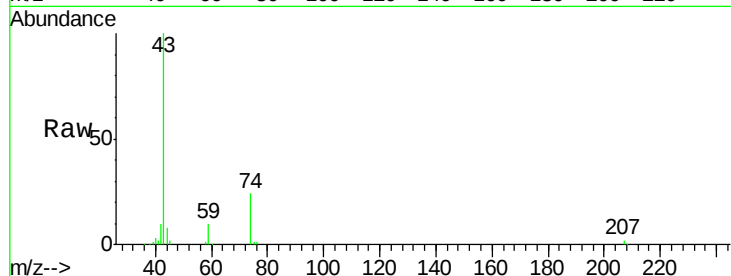




#18
Methvl Acetate
Concen: 16.41 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049589.D
Acq: 28 Jun 2018 14:59

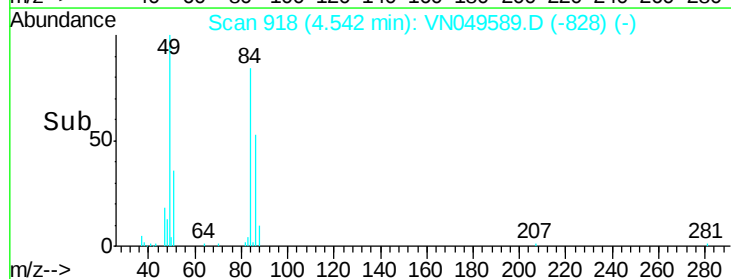
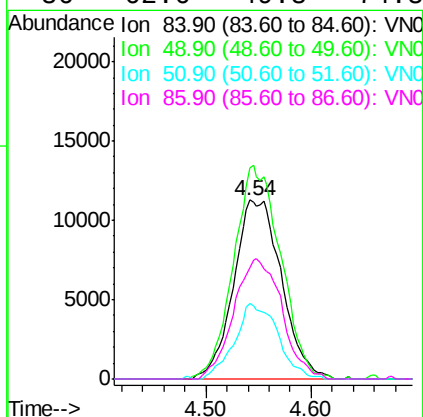
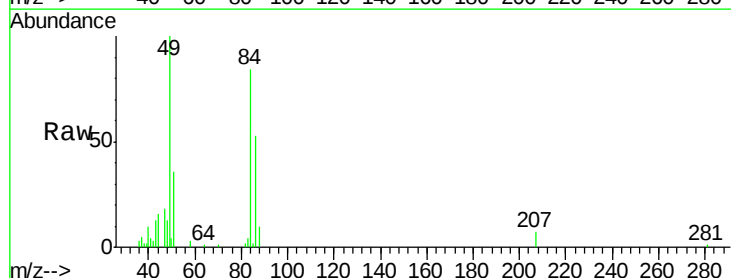
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#12

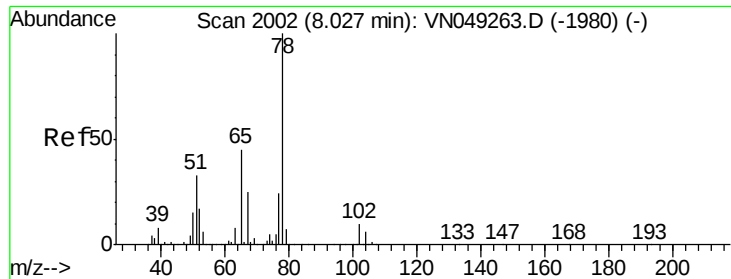
Tot Ion: 43 Resp: 181553
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 2.35 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049589.D
Acq: 28 Jun 2018 14:59

Tgt Ion: 84 Resp: 35534
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 42.6 32.7 49.1
86 62.6 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.45 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049589.D

Acq: 28 Jun 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

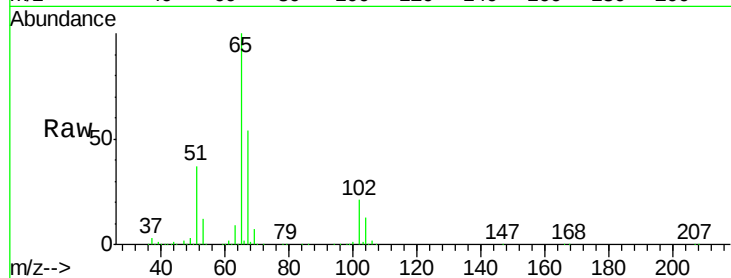
PB110627ZHE#12

Tot Ion: 65 Resp: 753863

Ion Ratio Lower Upper

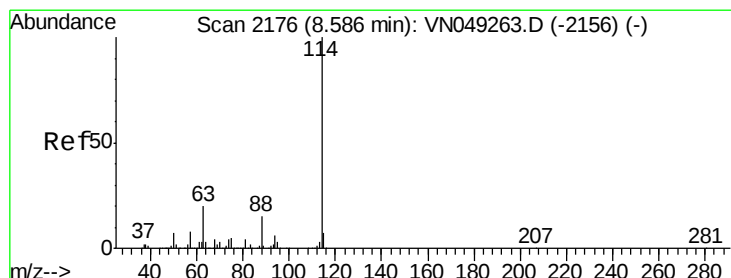
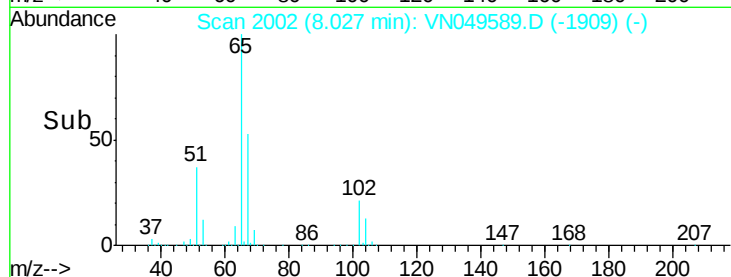
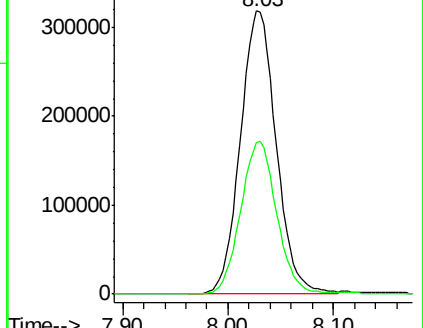
65 100

67 54.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049589.D

Acq: 28 Jun 2018 14:59

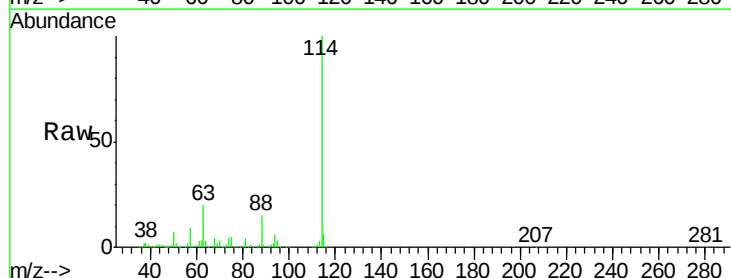
Tgt Ion: 114 Resp: 1846743

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

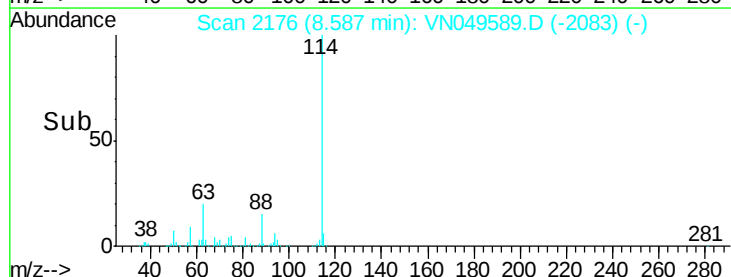
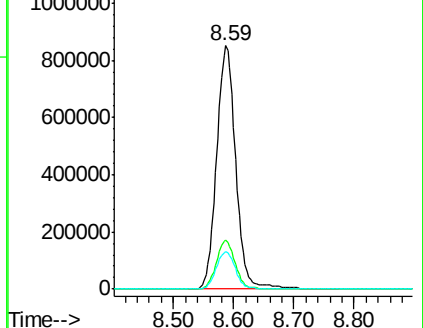
88 15.2 0.0 31.4

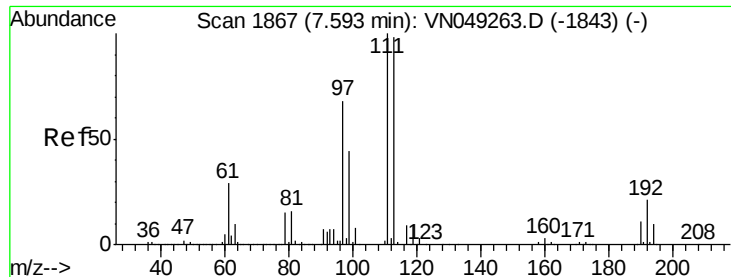


Abundance Ion 113.90 (113.60 to 114.60): VN049263.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049263.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049263.D (-2156) (-)

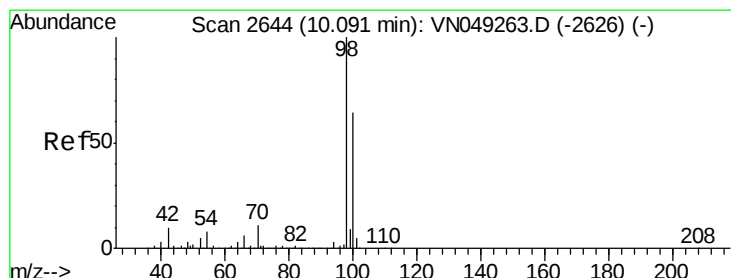
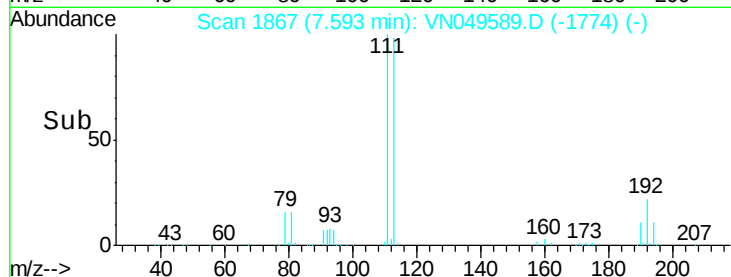
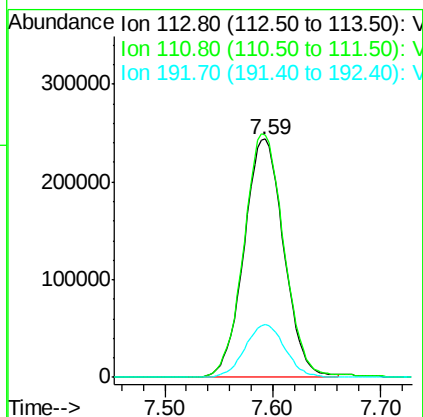
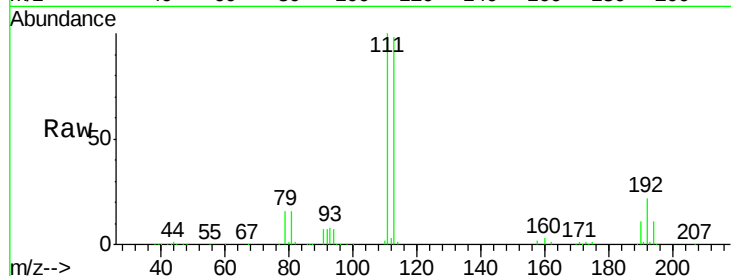




#35
Dibromofluoromethane
Concen: 41.81 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049589.D
Acq: 28 Jun 2018 14:59

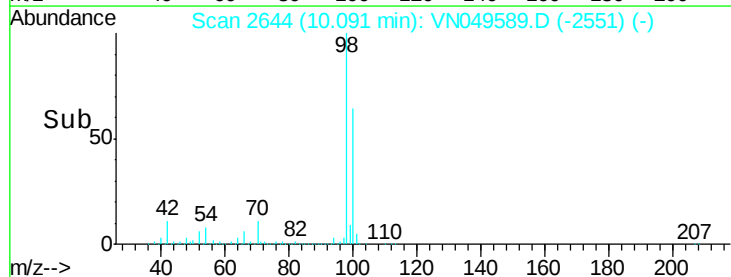
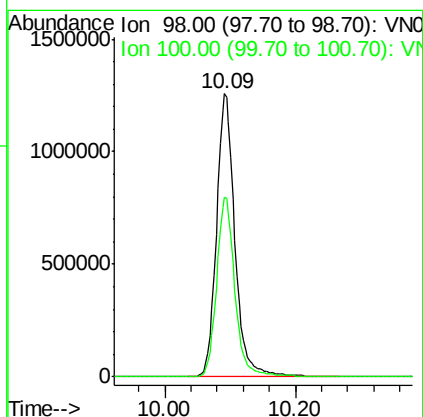
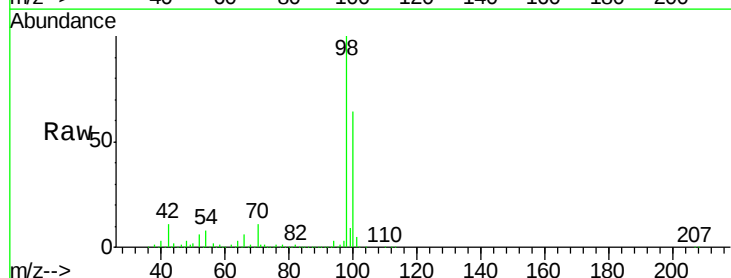
Instrument :
MSVOA_N
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PB110627ZHE#12

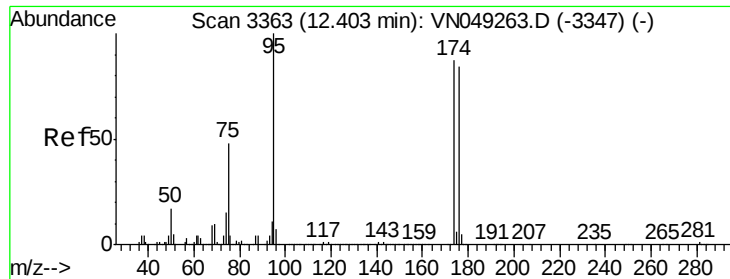
Tot Ion:113 Resp: 624752
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 22.5 15.0 22.6



#50
Toluene-d8
Concen: 43.34 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049589.D
Acq: 28 Jun 2018 14:59

Tgt Ion: 98 Resp: 2465681
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8

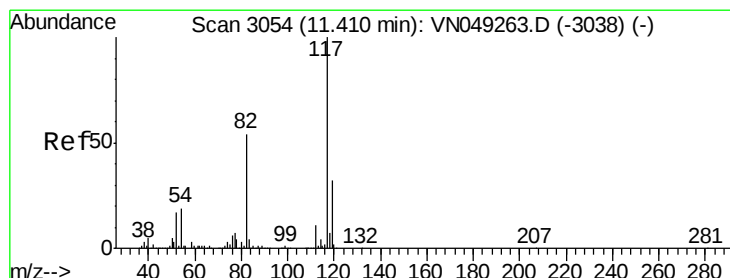
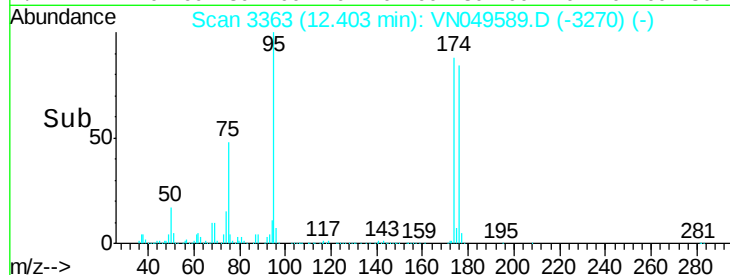
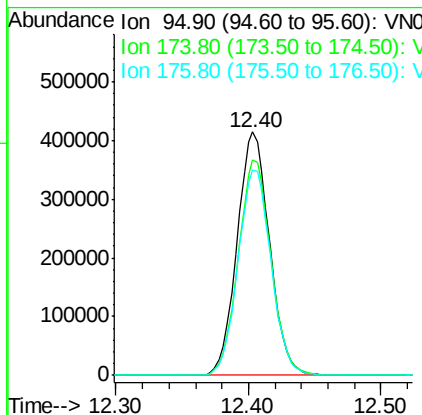
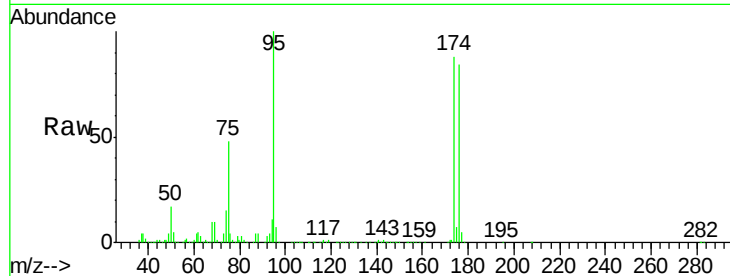




#62
4-Bromofluorobenzene
Concen: 37.44 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049589.D
Acq: 28 Jun 2018 14:59

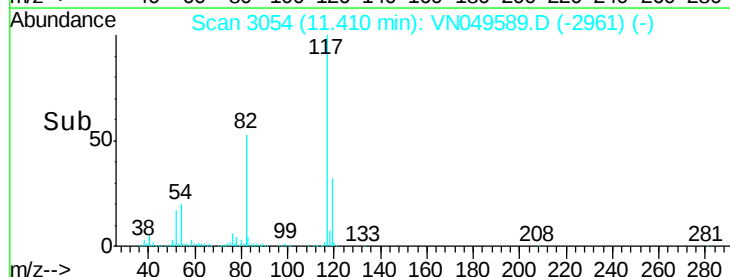
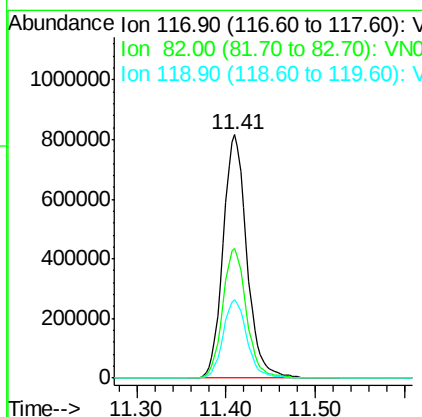
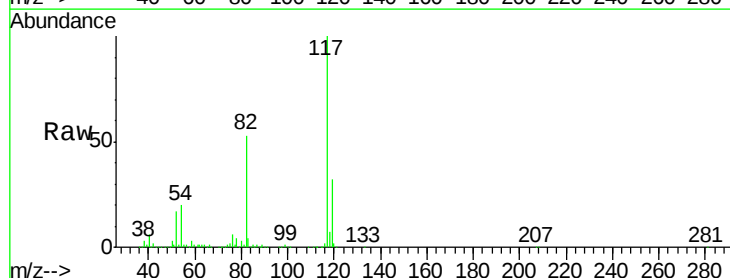
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#12

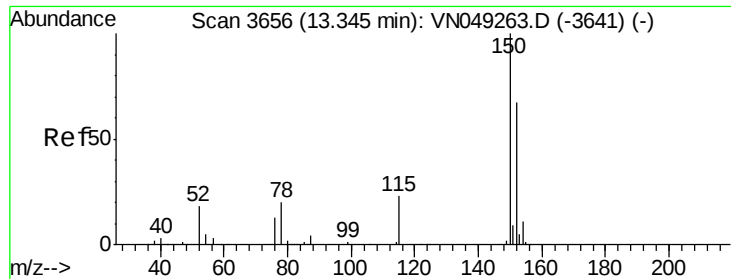
Tot Ion: 95 Resp: 704191
Ion Ratio Lower Upper
95 100
174 89.5 0.0 165.6
176 85.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049589.D
Acq: 28 Jun 2018 14:59

Tgt Ion: 117 Resp: 1505693
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 32.0 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: VN049589.D

Acq: 28 Jun 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#12

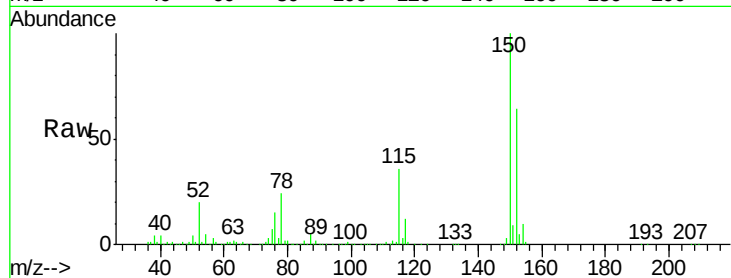
Tot Ion:152 Resp: 573991

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

150 155.4 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

