

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049594.D
 Acq On : 28 Jun 2018 17:08
 Operator : MD\SY
 Sample : PB110627ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#15

Quant Time: Jun 29 03:27:20 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	1169976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1895158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1558856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605484	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	788611	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	649232	42.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.68%	
50) Toluene-d8	10.09	98	2531616	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
62) 4-Bromofluorobenzene	12.40	95	736908	38.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.34%	

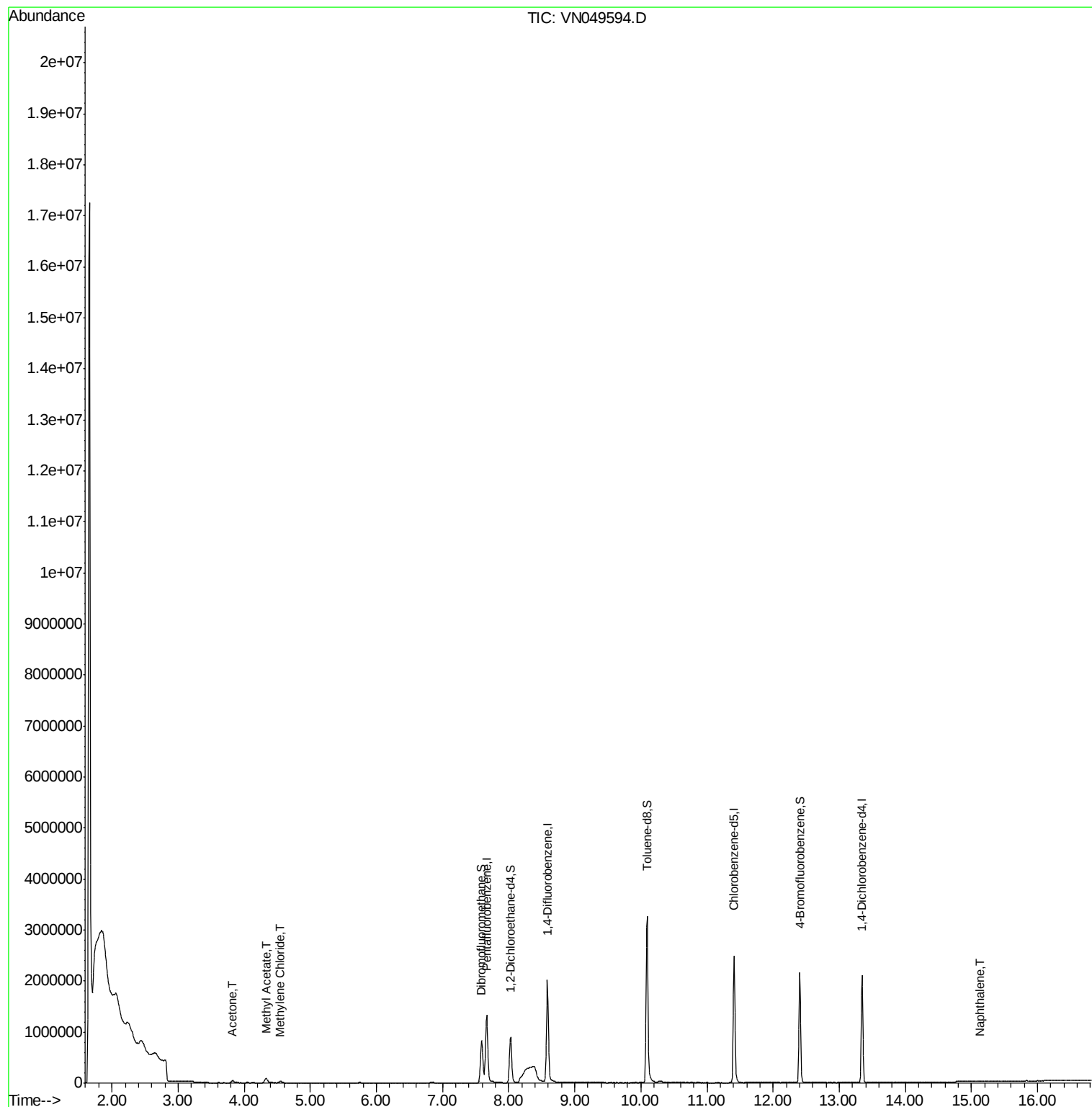
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	72593	19.27	ug/l	# 87
18) Methyl Acetate	4.33	43	179452	15.62	ug/l	97
20) Methylene Chloride	4.54	84	18588	1.18	ug/l	92
95) Naphthalene	15.14	128	4337	2.34	ug/l	96

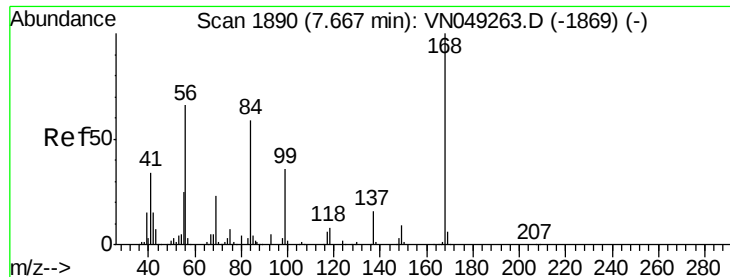
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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: VN049594.D

Acq: 28 Jun 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

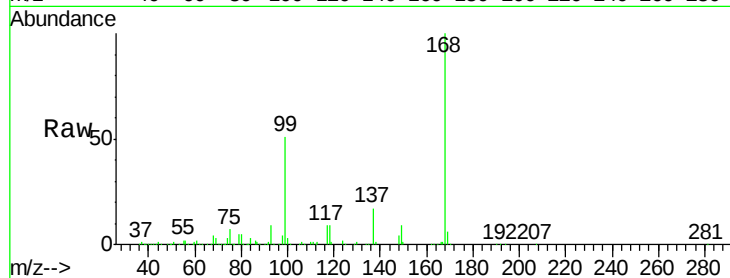
PB110627ZHE#15

Tot Ion:168 Resp: 1169976

Ion Ratio Lower Upper

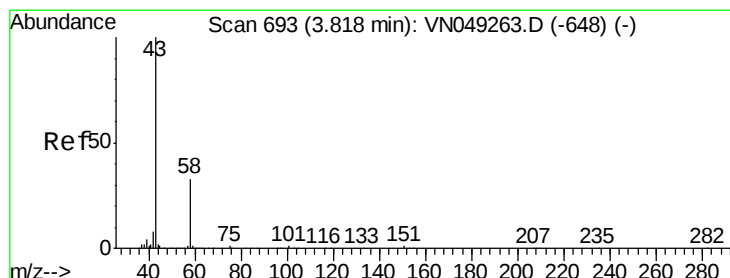
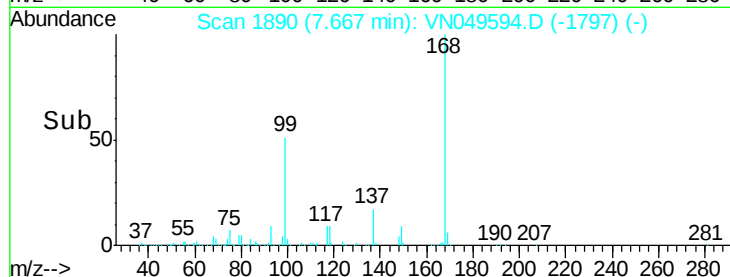
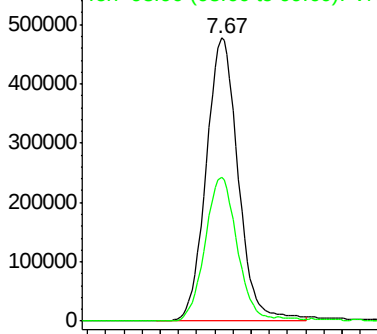
168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 19.27 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049594.D

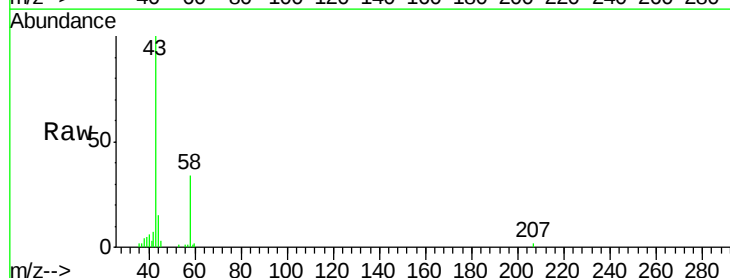
Acq: 28 Jun 2018 17:08

Tgt Ion: 43 Resp: 72593

Ion Ratio Lower Upper

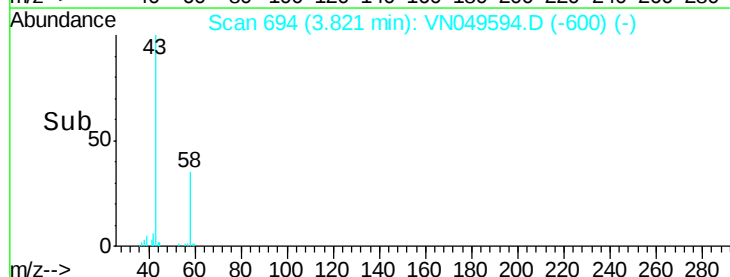
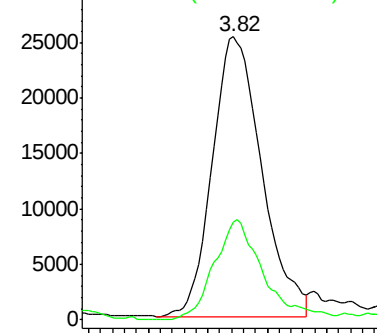
43 100

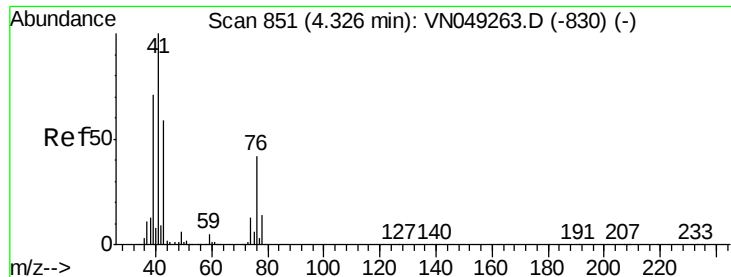
58 34.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

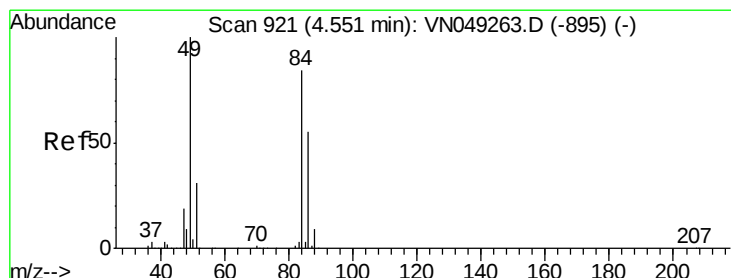
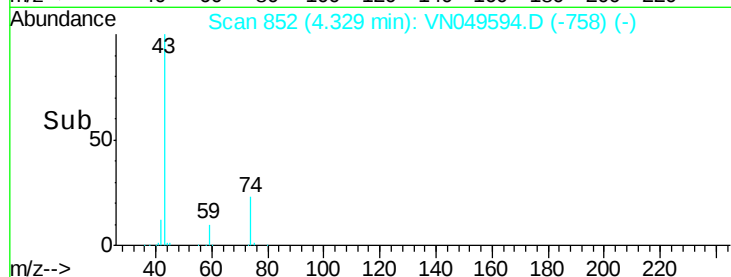
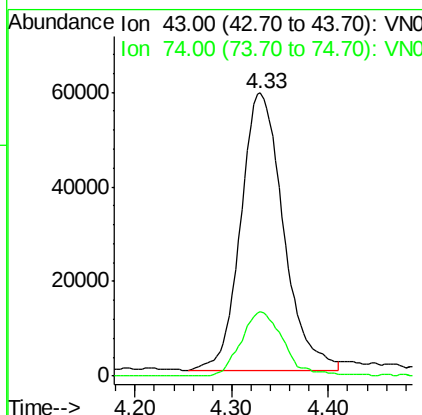
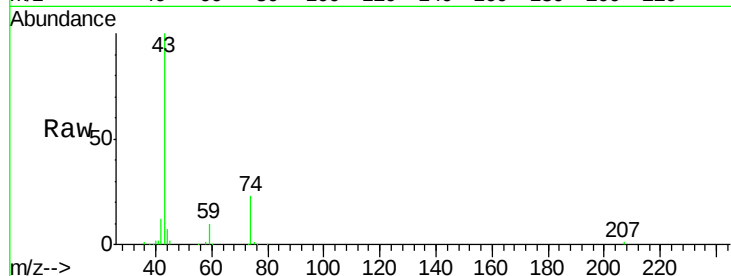




#18
Methvl Acetate
Concen: 15.62 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049594.D
Acq: 28 Jun 2018 17:08

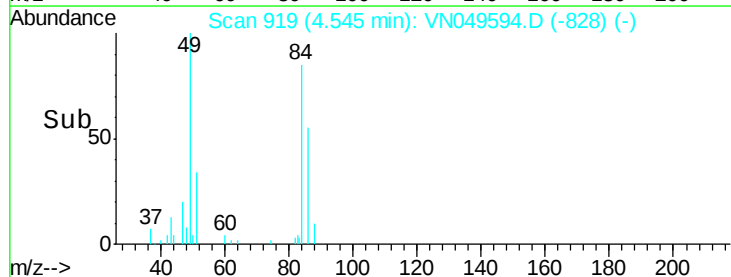
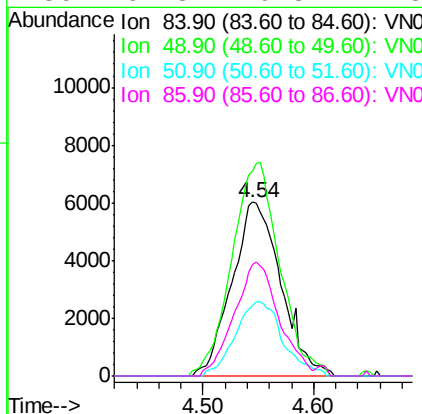
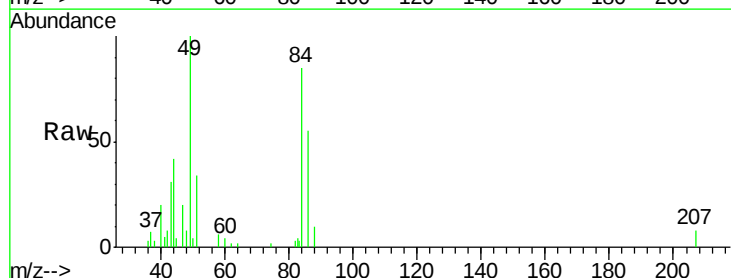
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#15

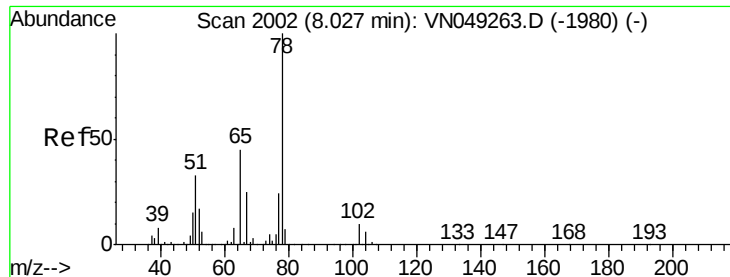
Tot Ion: 43 Resp: 179452
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049594.D
Acq: 28 Jun 2018 17:08

Tgt Ion: 84 Resp: 18588
Ion Ratio Lower Upper
84 100
49 117.6 106.9 160.3
51 40.3 32.7 49.1
86 64.3 49.8 74.8

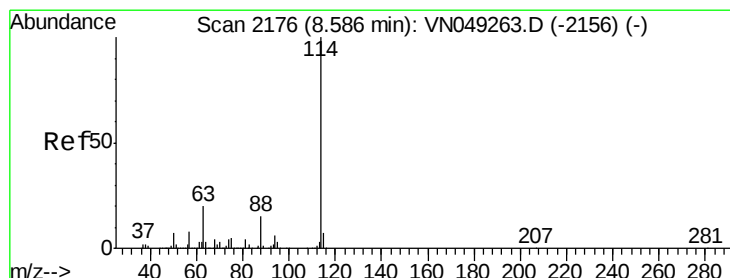
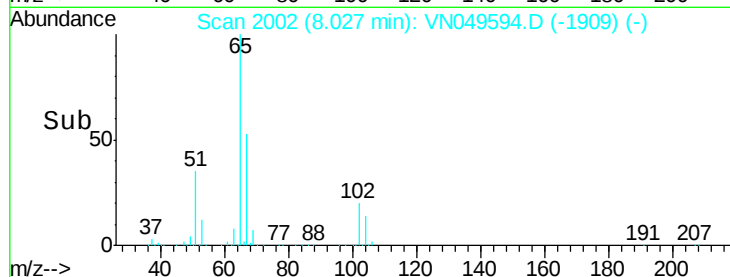
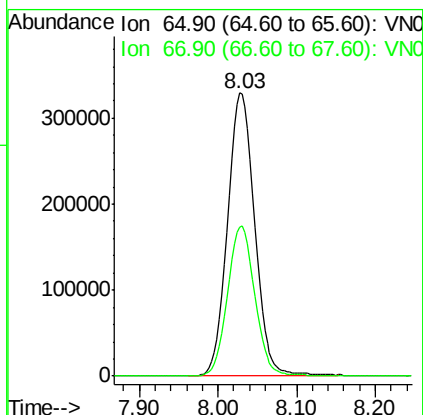
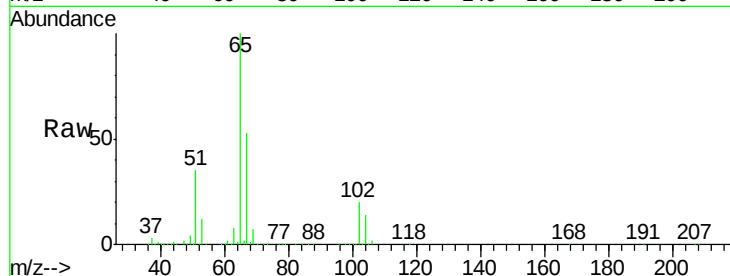




#33
 1,2-Dichloroethane-d4
 Concen: 50.82 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049594.D
 Acq: 28 Jun 2018 17:08

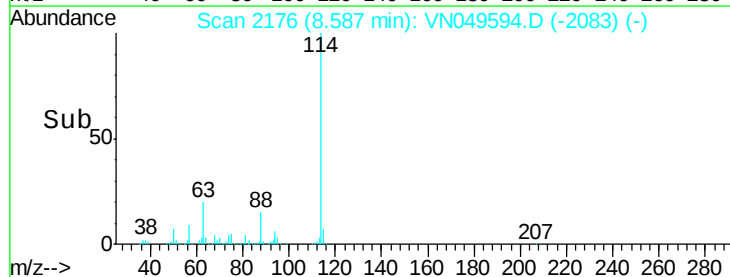
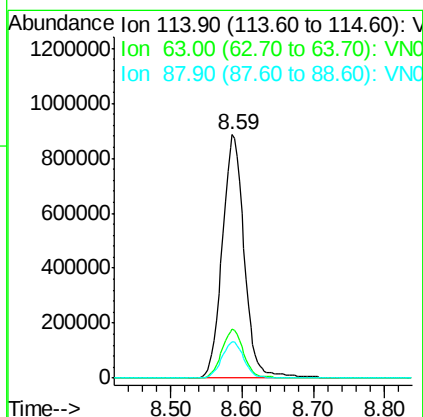
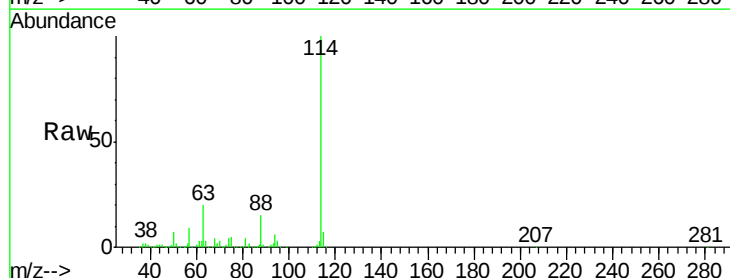
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#15

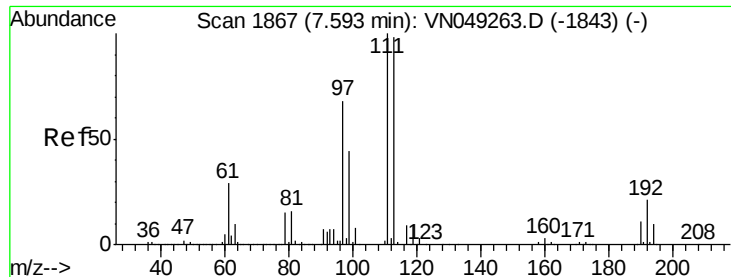
Tot Ion: 65 Resp: 788611
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049594.D
 Acq: 28 Jun 2018 17:08

Tgt Ion: 114 Resp: 1895158
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.4
 88 15.1 0.0 31.4

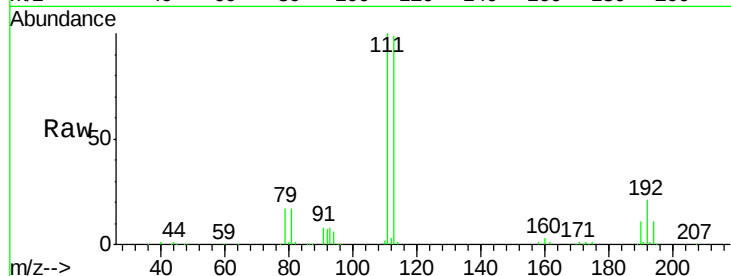




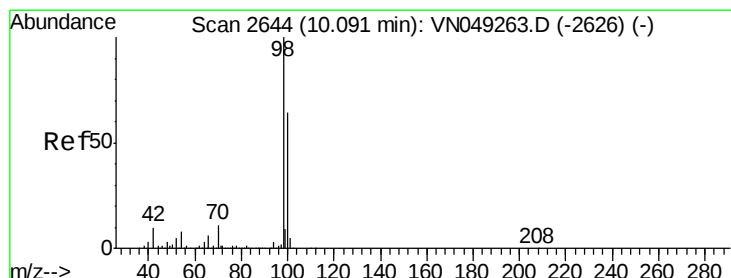
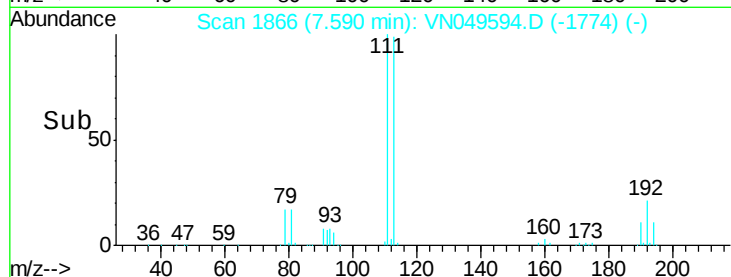
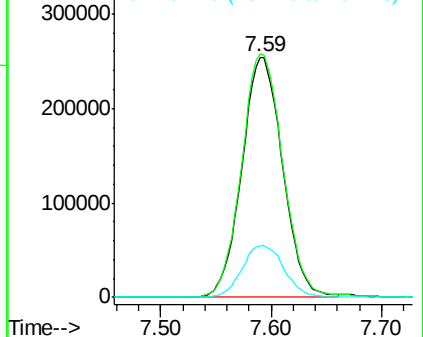
#35
Dibromofluoromethane
Concen: 42.34 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049594.D
Acq: 28 Jun 2018 17:08

Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#15

Tot Ion:113 Resp: 649232
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 22.3 15.0 22.6

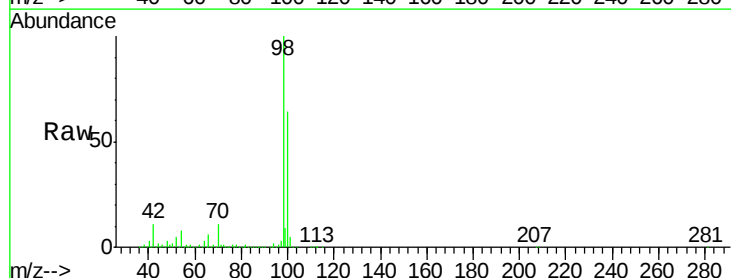


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

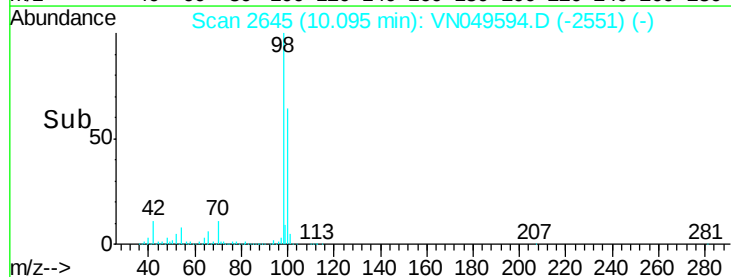
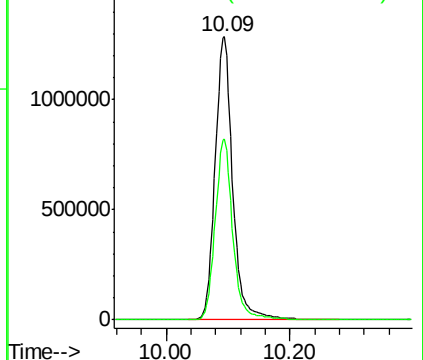


#50
Toluene-d8
Concen: 43.36 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049594.D
Acq: 28 Jun 2018 17:08

Tgt Ion: 98 Resp: 2531616
Ion Ratio Lower Upper
98 100
100 64.1 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: 38.17 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049594.D

Acq: 28 Jun 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#15

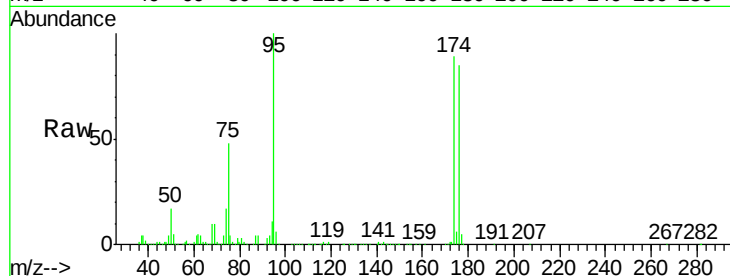
Tot Ion: 95 Resp: 736908

Ion Ratio Lower Upper

95 100

174 90.2 0.0 165.6

176 85.6 0.0 157.4

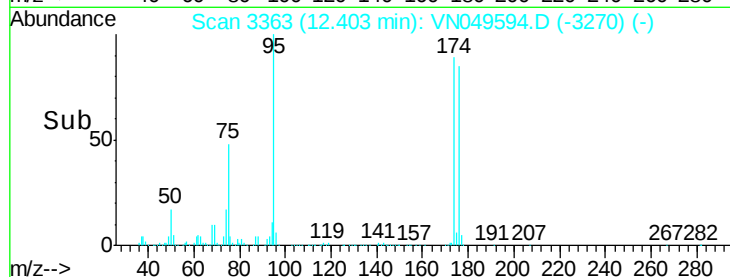


Abundance Ion 94.90 (94.60 to 95.60): VN049594.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049594.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049594.D (-3270) (-)

Time--> 12.30 12.40 12.50

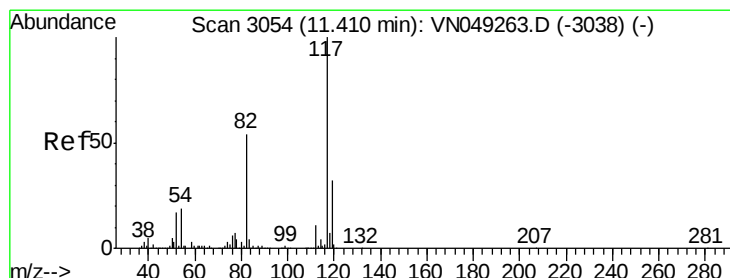


Abundance Ion 94.90 (94.60 to 95.60): VN049594.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049594.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049594.D (-3270) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049594.D

Acq: 28 Jun 2018 17:08

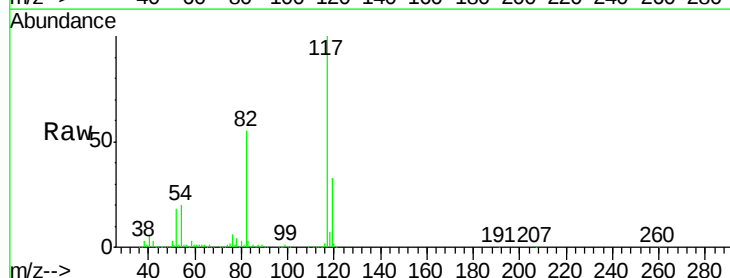
Tgt Ion: 117 Resp: 1558856

Ion Ratio Lower Upper

117 100

82 54.6 45.9 68.9

119 32.8 25.5 38.3

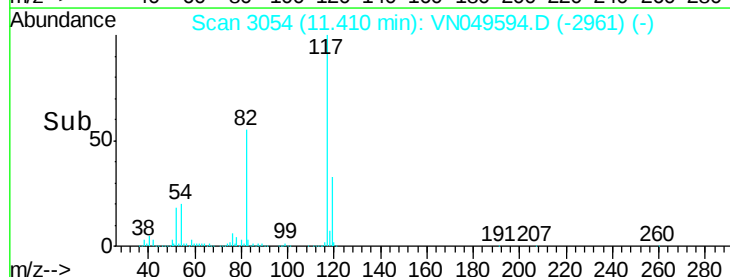


Abundance Ion 116.90 (116.60 to 117.60): VN049594.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049594.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049594.D (-2961) (-)

Time--> 11.30 11.40 11.50

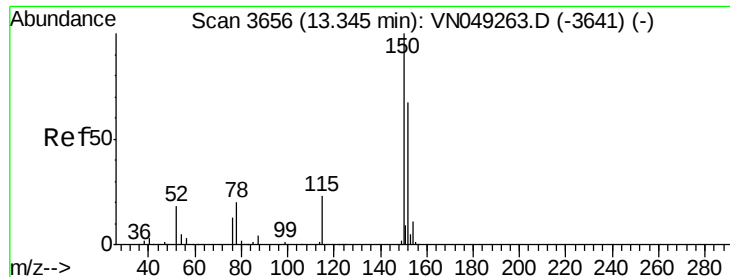


Abundance Ion 116.90 (116.60 to 117.60): VN049594.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049594.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049594.D (-2961) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049594.D

Acq: 28 Jun 2018 17:08

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#15

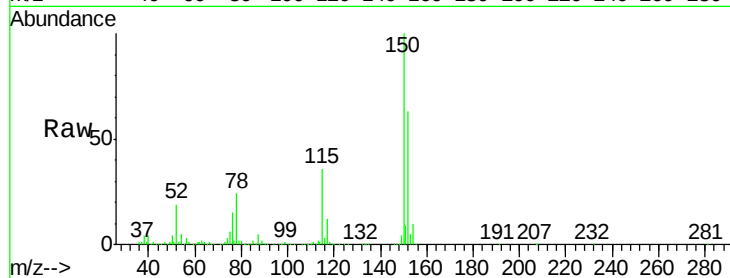
Tot Ion:152 Resp: 605484

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.1

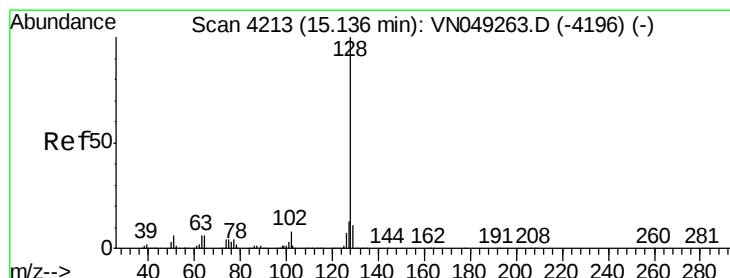
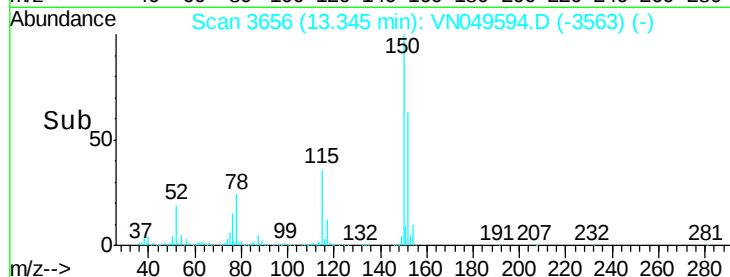
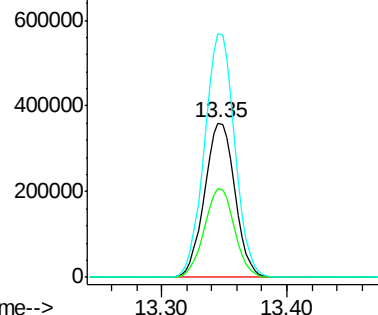
150 156.8 0.0 351.0



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



#95

Naphthalene

Concen: 2.34 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049594.D

Acq: 28 Jun 2018 17:08

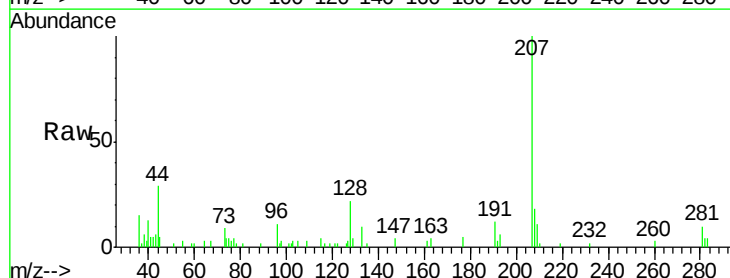
Tgt Ion:128 Resp: 4337

Ion Ratio Lower Upper

128 100

127 12.1 10.6 16.0

129 12.5 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

