

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049516.D
 Acq On : 25 Jun 2018 17:38
 Operator : MD\SY
 Sample : PB110537TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537TB

Quant Time: Jun 26 02:08:38 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

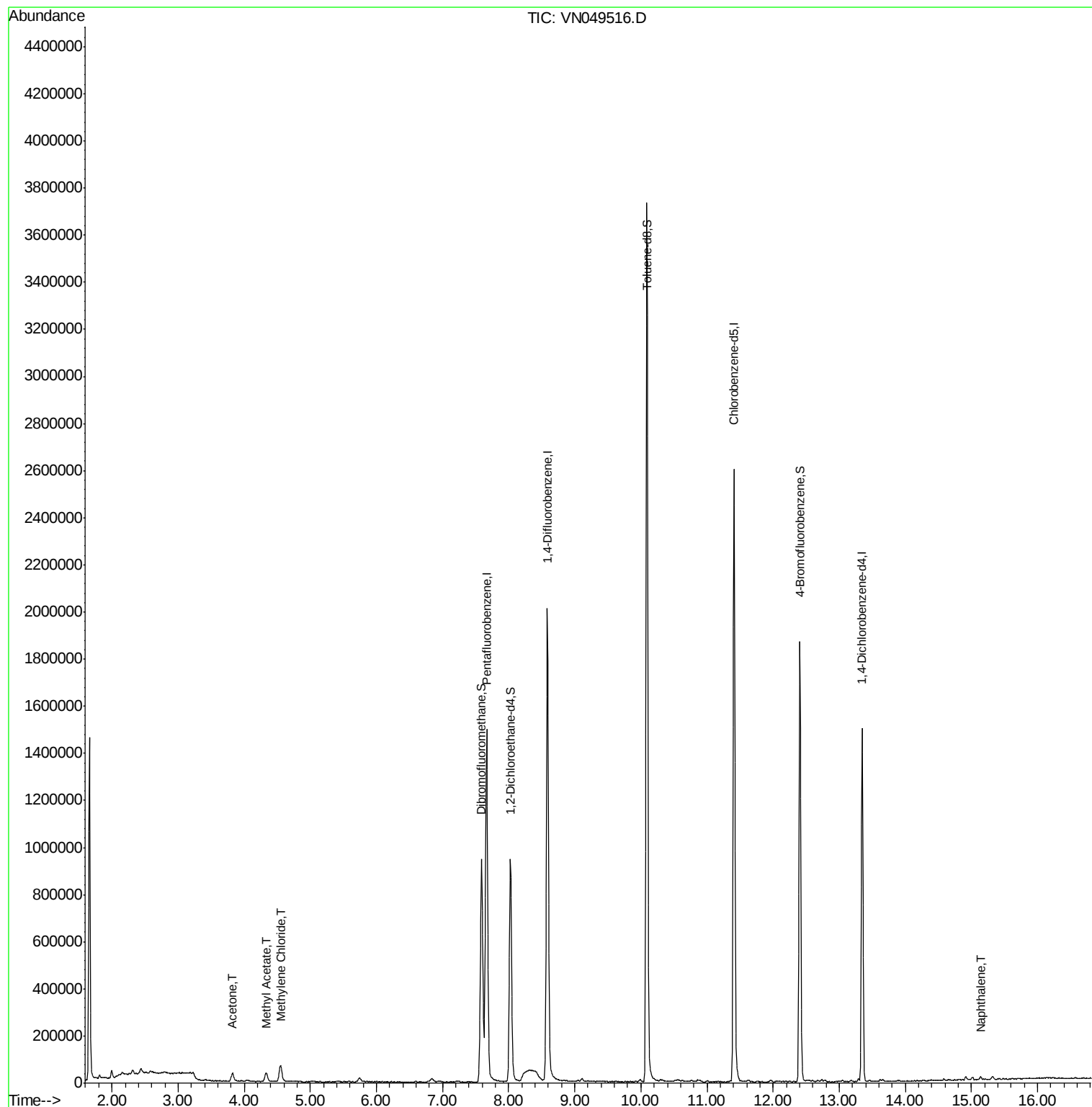
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1281145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1939703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1639422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	432478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	829565	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	740663	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.09	98	2709178	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.41	95	669376	33.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.76%	
Target Compounds						
16) Acetone	3.82	43	57563	13.95	ug/l #	84
18) Methyl Acetate	4.33	43	74667	5.94	ug/l #	77
20) Methylene Chloride	4.55	84	52767	3.06	ug/l	88
95) Naphthalene	15.14	128	8744	2.81	ug/l #	93

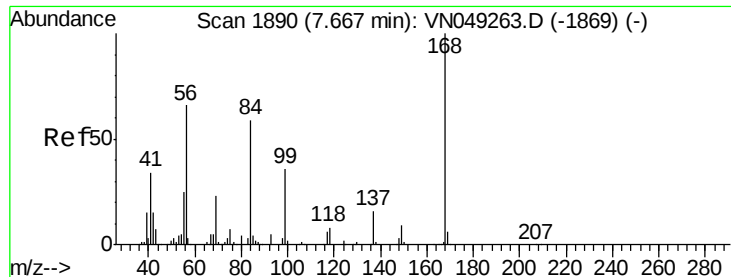
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062518\
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Quant Time: Jun 26 02:08:38 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: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

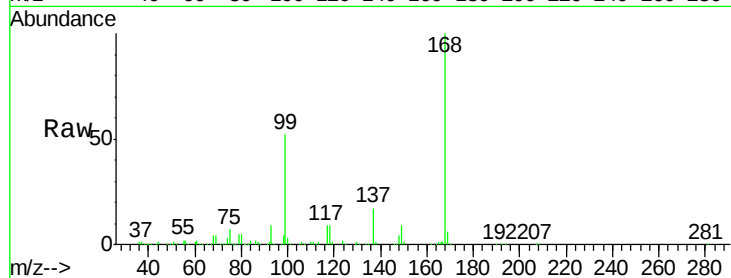
PB110537TB

Tot Ion:168 Resp: 1281145

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

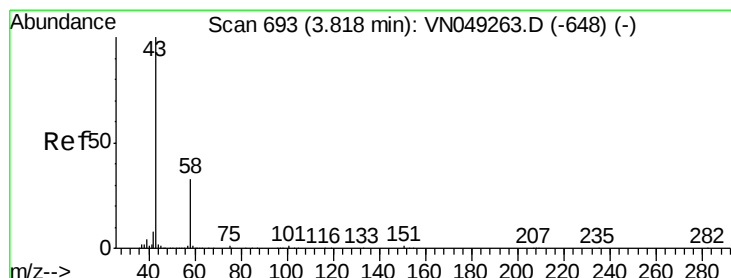
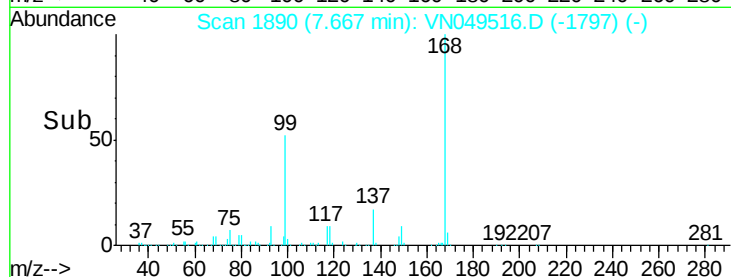
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.95 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049516.D

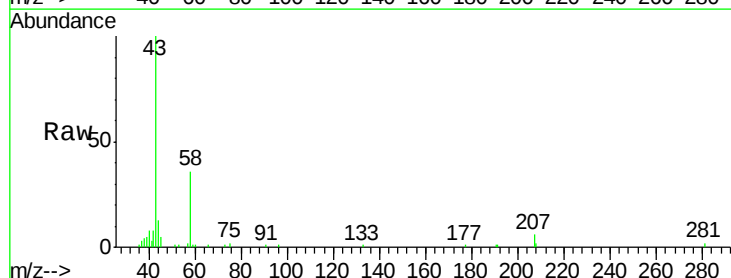
Acq: 25 Jun 2018 17:38

Tgt Ion: 43 Resp: 57563

Ion Ratio Lower Upper

43 100

58 36.3 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

20000

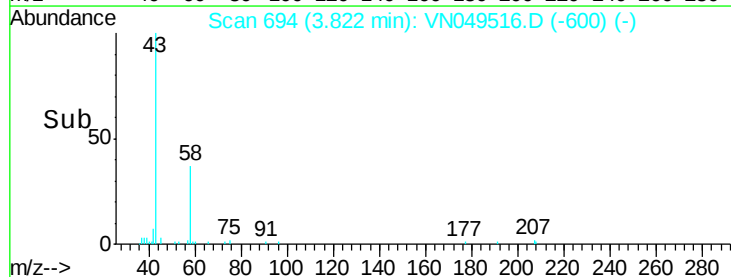
15000

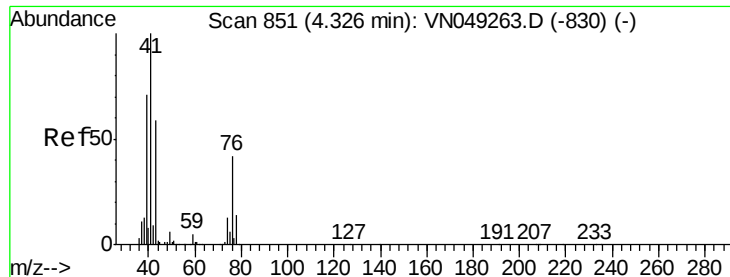
10000

5000

0

Time-->

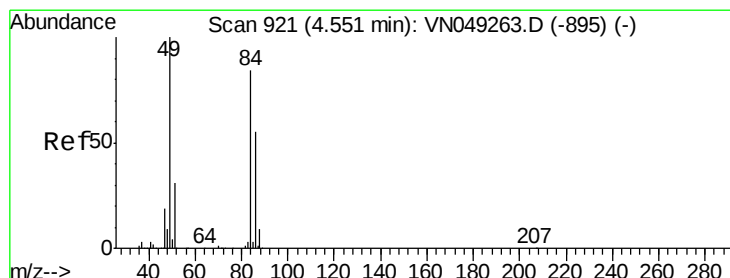
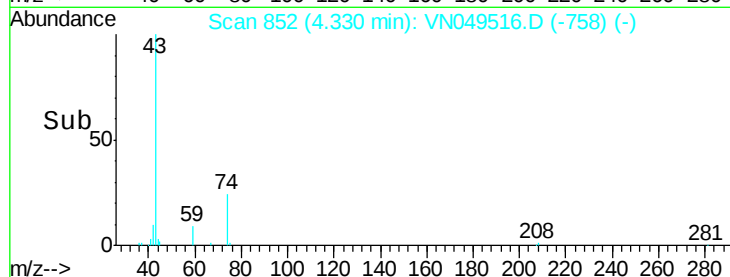
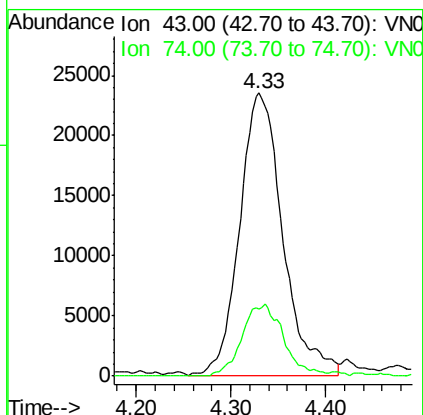
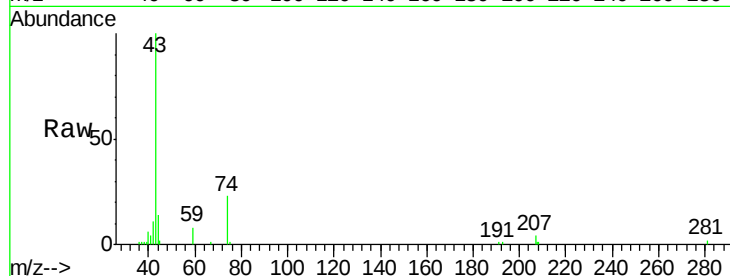




#18
Methvl Acetate
Concen: 5.94 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

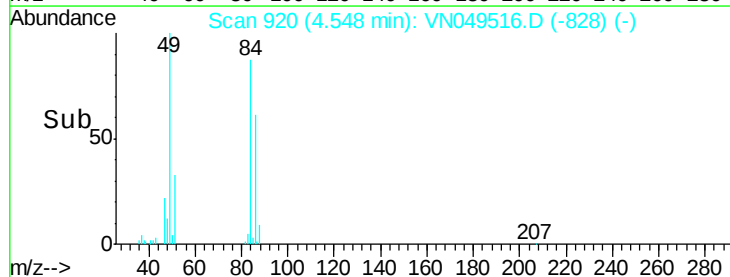
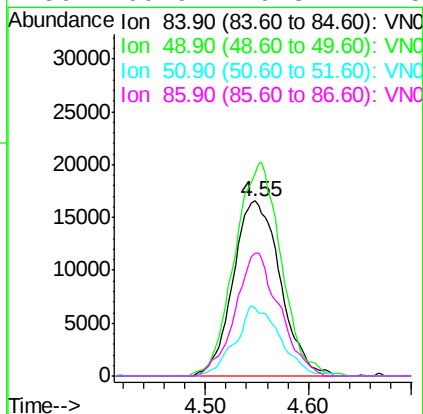
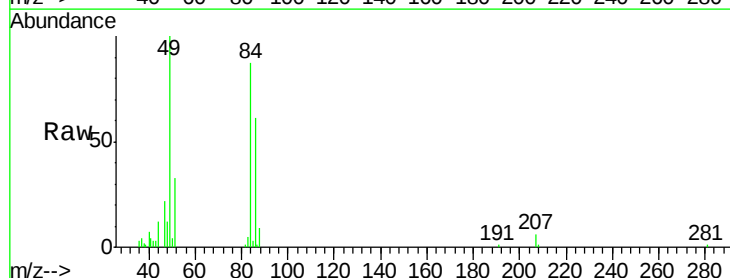
Instrument :
MSVOA_N
ClientSampled :
PB110537TB

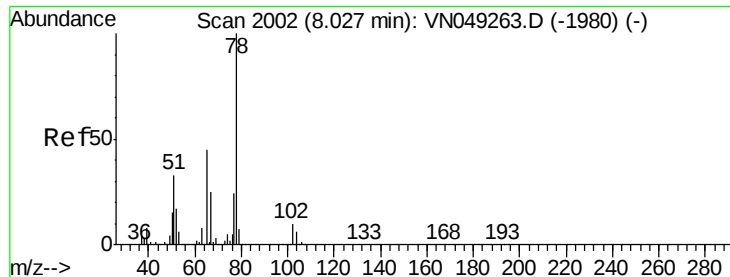
Tot Ion: 43 Resp: 74667
Ion Ratio Lower Upper
43 100
74 10.7 17.4 26.0#



#20
Methylene Chloride
Concen: 3.06 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049516.D
Acq: 25 Jun 2018 17:38

Tgt Ion: 84 Resp: 52767
Ion Ratio Lower Upper
84 100
49 115.5 106.9 160.3
51 38.4 32.7 49.1
86 69.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 48.82 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

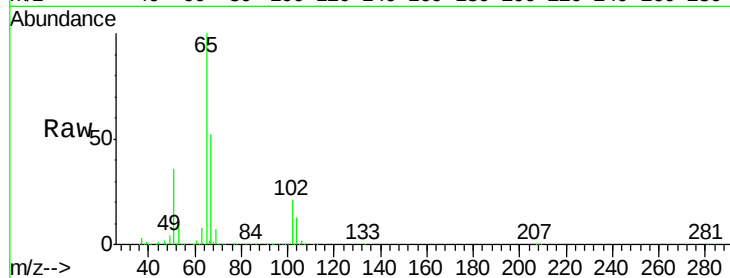
PB110537TB

Tot Ion: 65 Resp: 829565

Ion Ratio Lower Upper

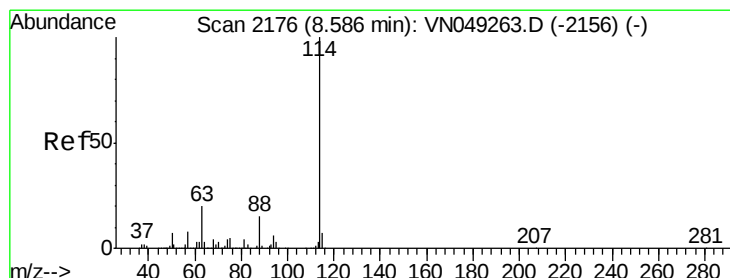
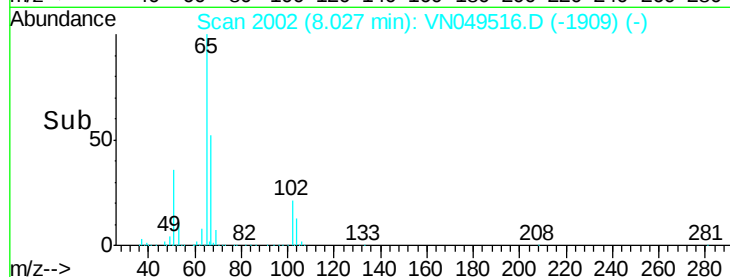
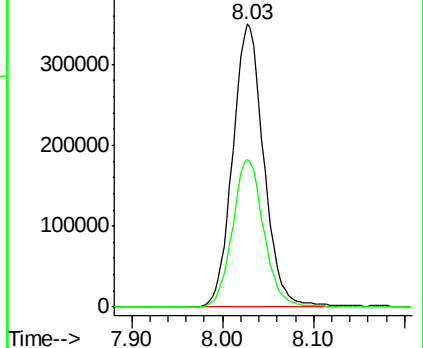
65 100

67 52.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049516.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049516.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

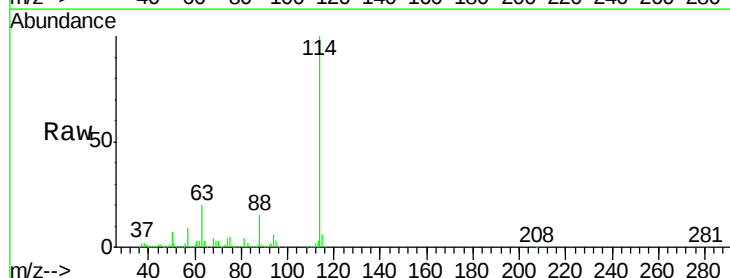
Tgt Ion: 114 Resp: 1939703

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

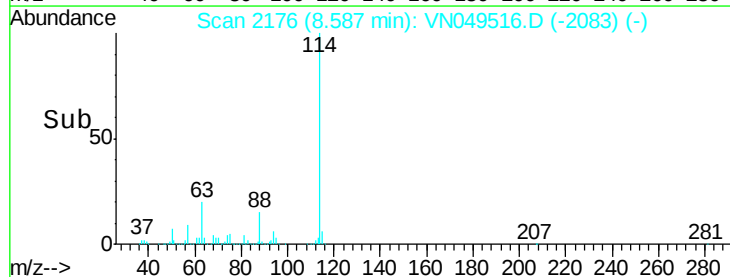
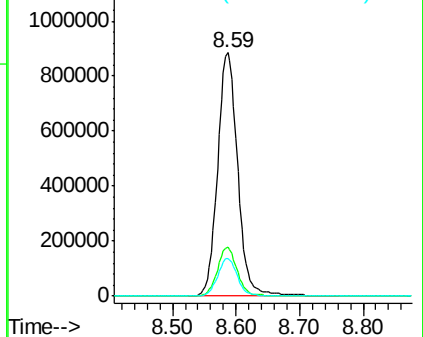
88 15.5 0.0 31.4

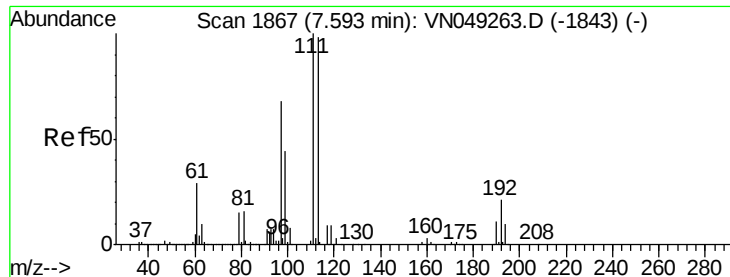


Abundance Ion 113.90 (113.60 to 114.60): VN049516.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049516.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049516.D (-2083) (-)

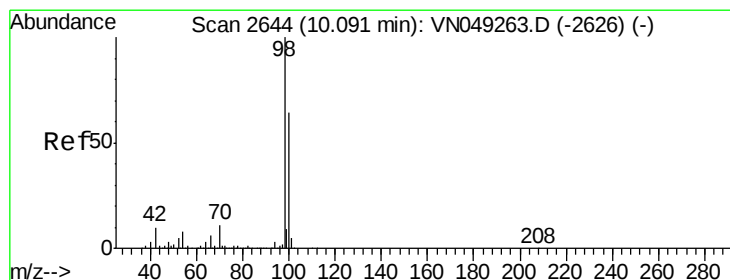
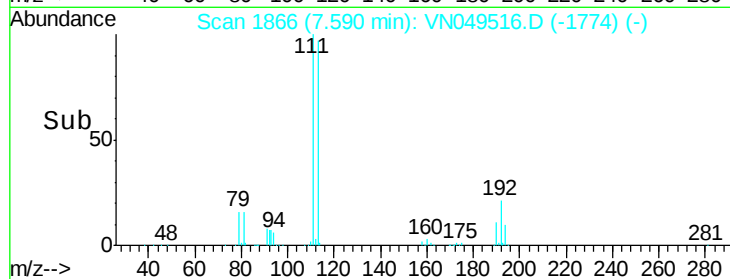
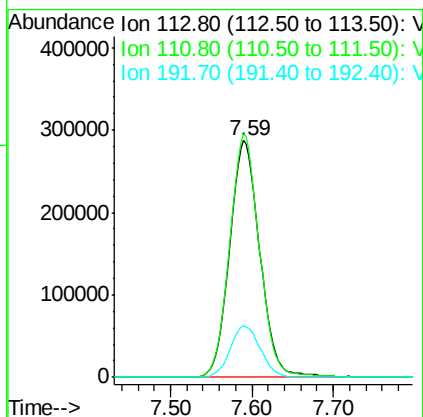
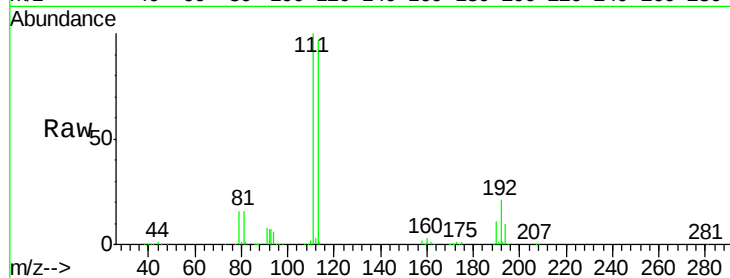




#35
 Dibromofluoromethane
 Concen: 47.20 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

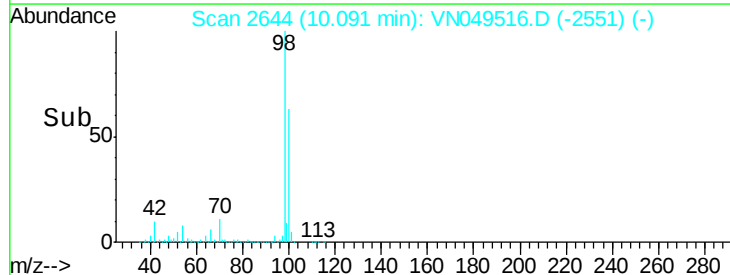
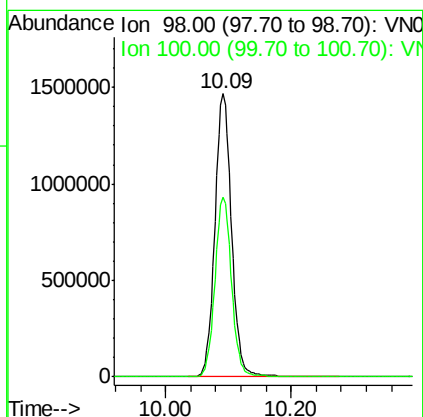
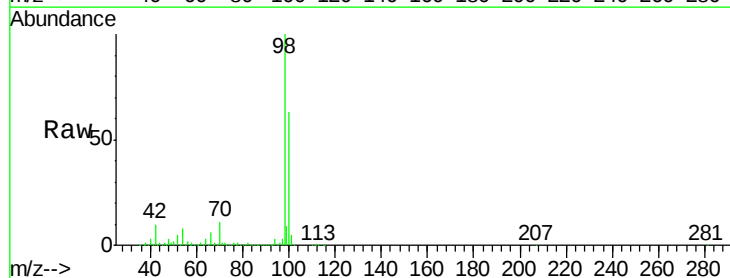
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537TB

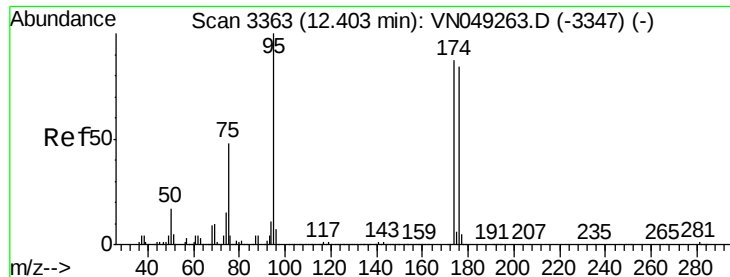
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	22.0	15.0	22.6



#50
 Toluene-d8
 Concen: 45.34 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049516.D
 Acq: 25 Jun 2018 17:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 33.88 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampleId :

PB110537TB

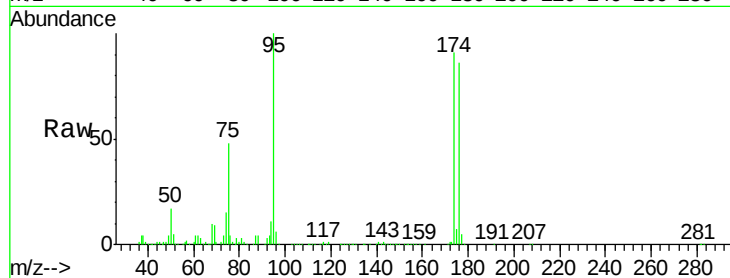
Tot Ion: 95 Resp: 669376

Ion Ratio Lower Upper

95 100

174 90.8 0.0 165.6

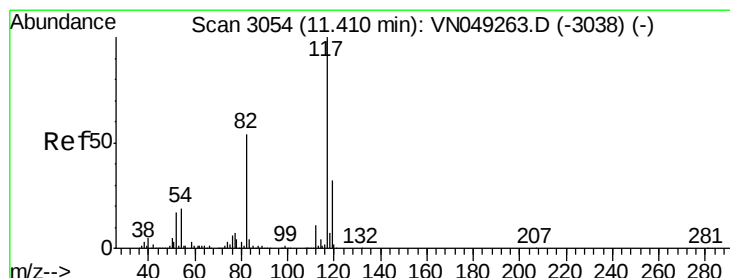
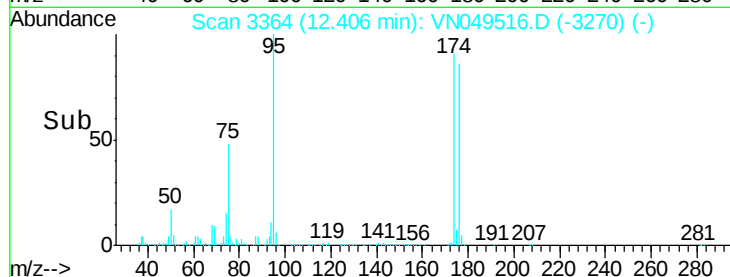
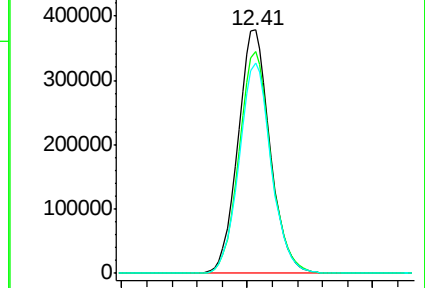
176 86.3 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049516.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049516.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049516.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

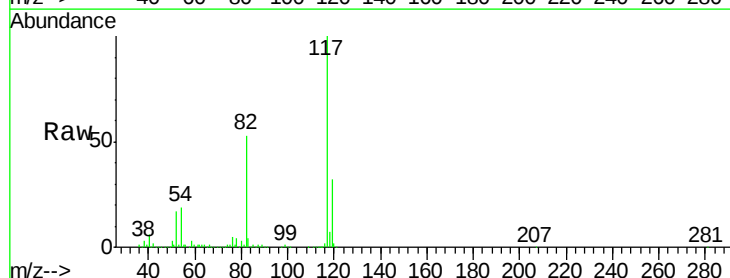
Tgt Ion: 117 Resp: 1639422

Ion Ratio Lower Upper

117 100

82 53.2 45.9 68.9

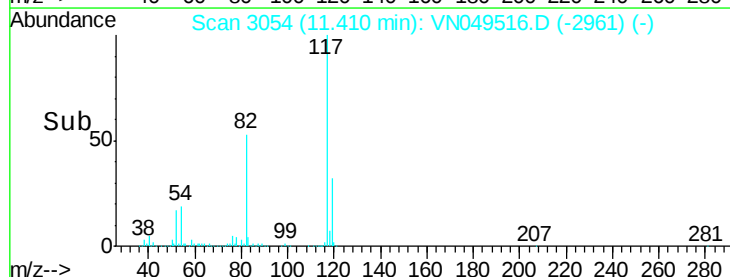
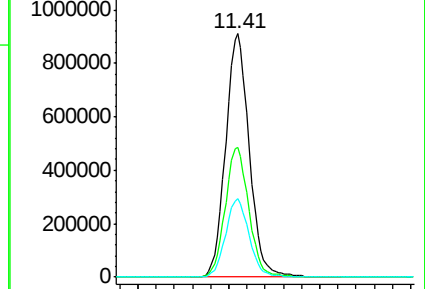
119 32.0 25.5 38.3

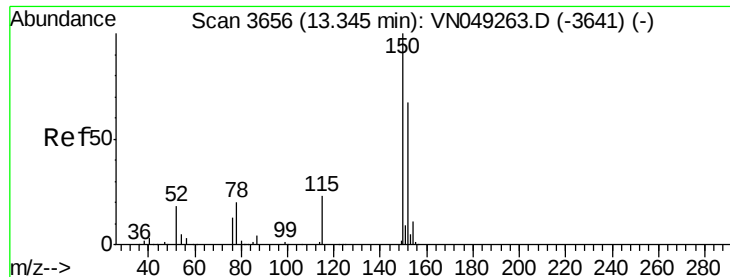


Abundance Ion 116.90 (116.60 to 117.60): VN049516.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049516.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049516.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

Instrument :

MSVOA_N

ClientSampled :

PB110537TB

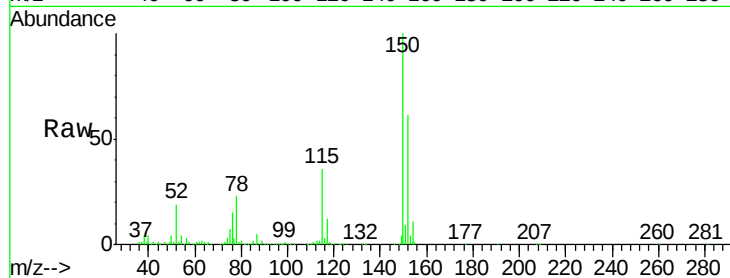
Tot Ion:152 Resp: 432478

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

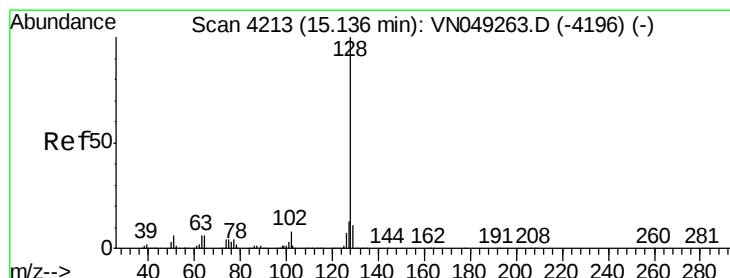
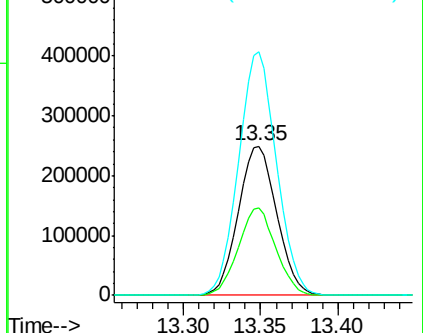
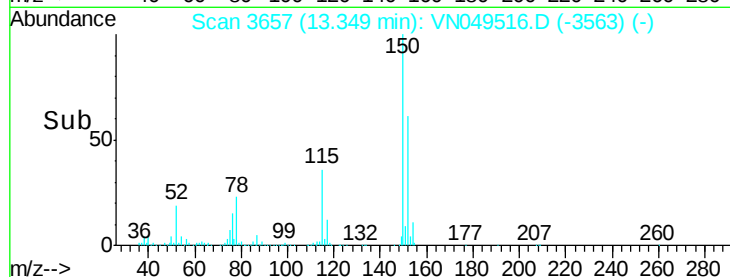
150 160.2 0.0 351.0



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: 2.81 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049516.D

Acq: 25 Jun 2018 17:38

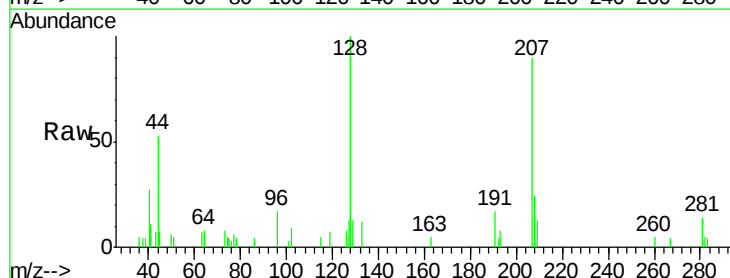
Tgt Ion:128 Resp: 8744

Ion Ratio Lower Upper

128 100

127 10.6 10.6 16.0

129 7.9 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

