

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049421.D
 Acq On : 20 Jun 2018 7:28
 Operator : MD\SY
 Sample : J3249-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-061818-D

Quant Time: Jun 20 08:37:39 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

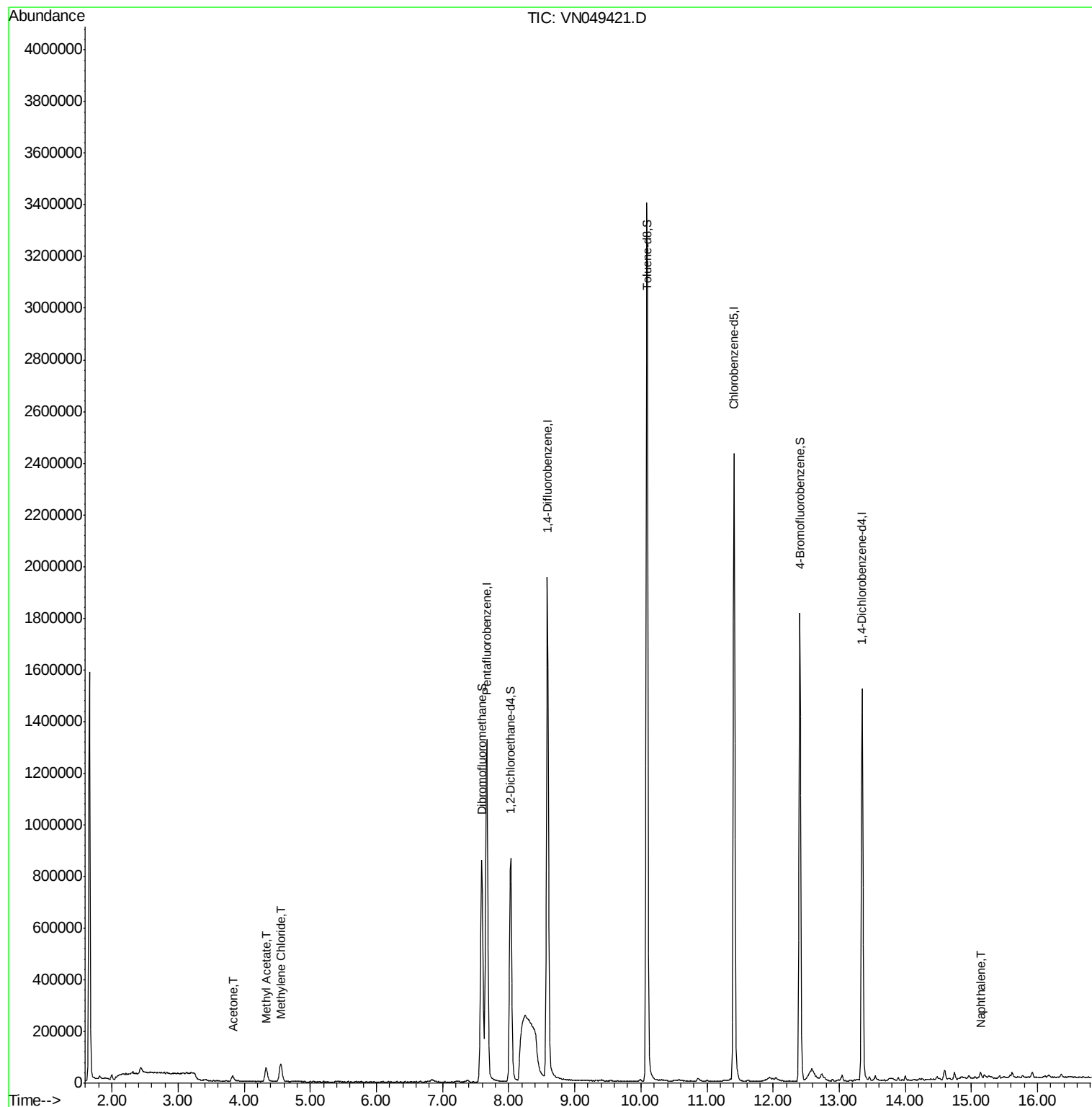
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1127753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1838619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1519418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	448872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	763770	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	7.59	113	675584	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
50) Toluene-d8	10.09	98	2489270	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	12.40	95	645628	34.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.94%	
Target Compounds						
16) Acetone	3.82	43	36357	10.011	ug/l	99
18) Methyl Acetate	4.33	43	106484	9.616	ug/l	95
20) Methylene Chloride	4.55	84	53875	3.552	ug/l #	83
95) Naphthalene	15.14	128	19269	3.623	ug/l #	91

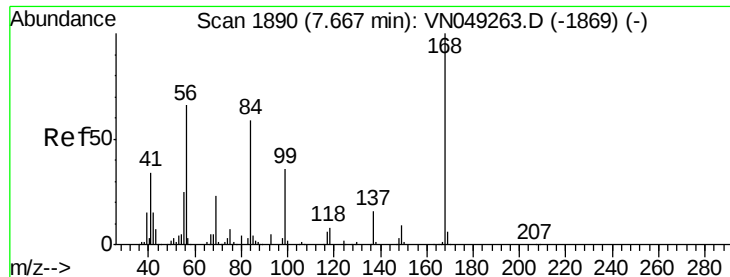
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049421.D

Acq: 20 Jun 2018 7:28

Instrument :

MSVOA_N

ClientSampleId :

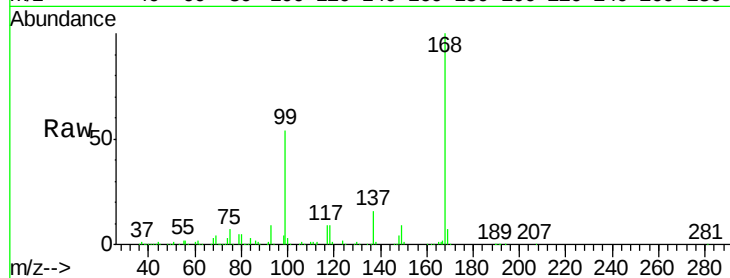
PL-01-061818-D

Tot Ion:168 Resp: 1127753

Ion Ratio Lower Upper

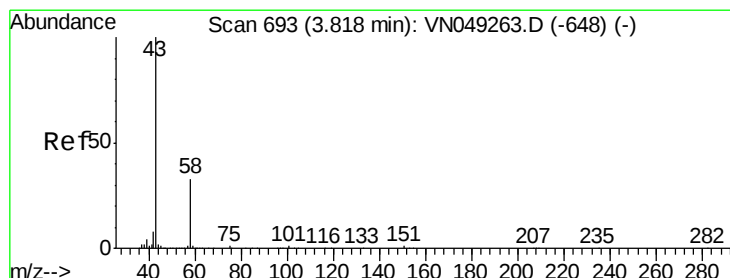
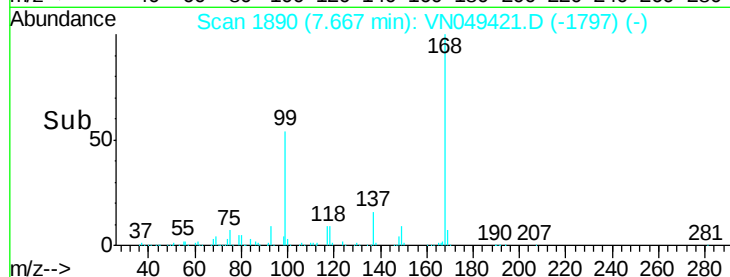
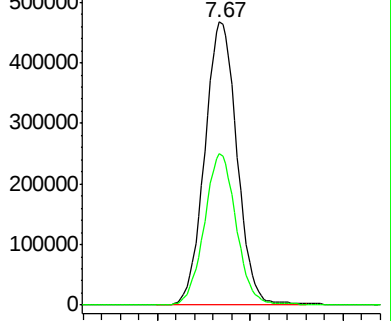
168 100

99 53.5 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: 10.011 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049421.D

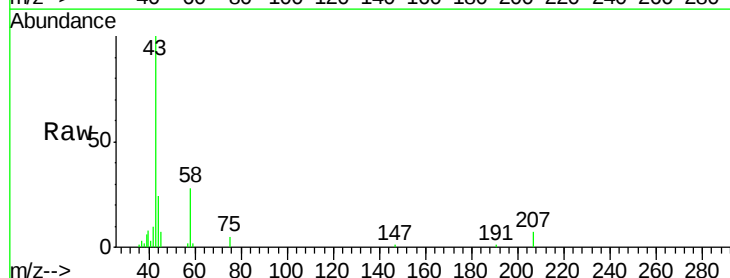
Acq: 20 Jun 2018 7:28

Tgt Ion: 43 Resp: 36357

Ion Ratio Lower Upper

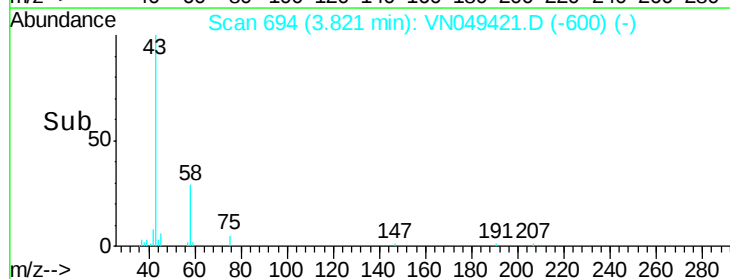
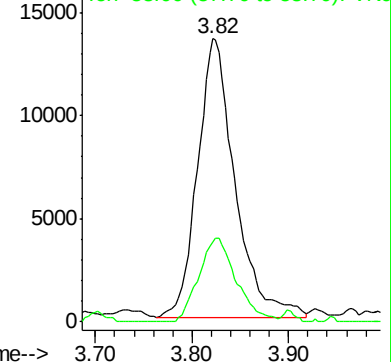
43 100

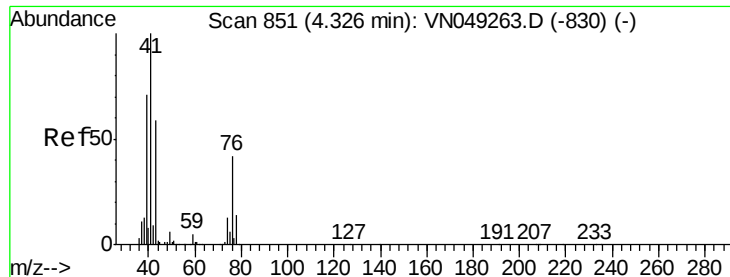
58 28.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

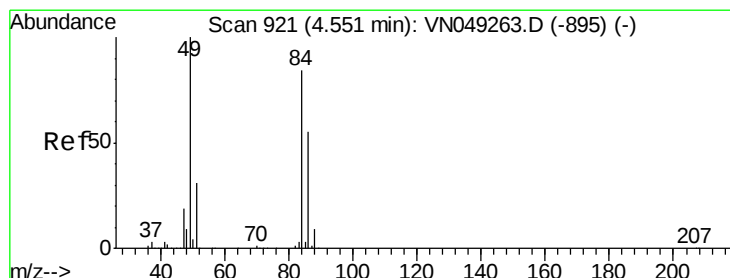
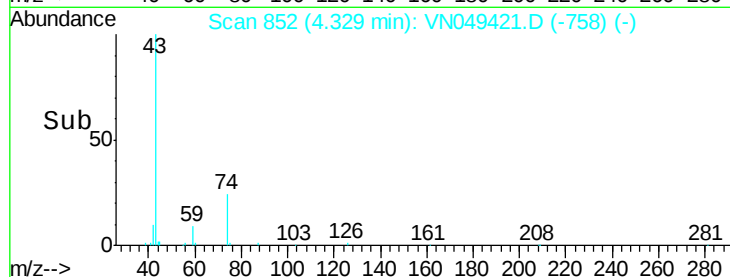
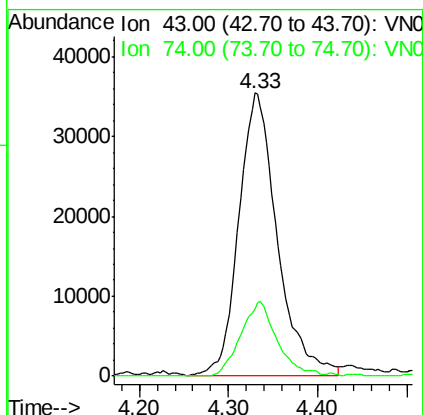
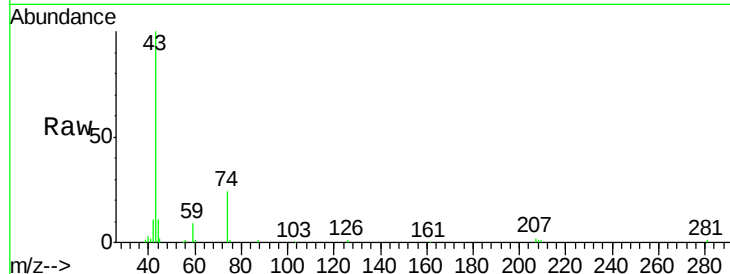




#18
Methvl Acetate
Concen: 9.616 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049421.D
Acq: 20 Jun 2018 7:28

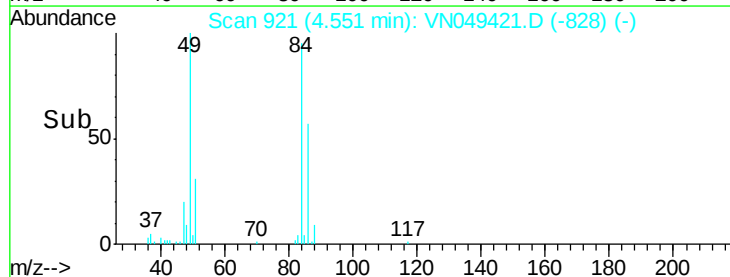
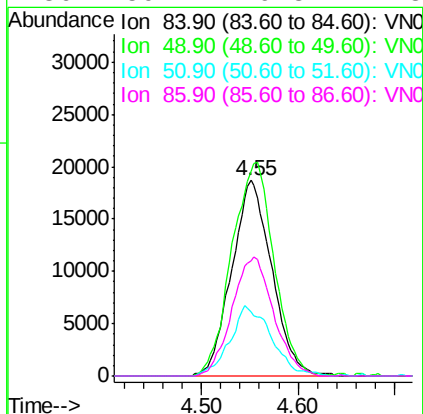
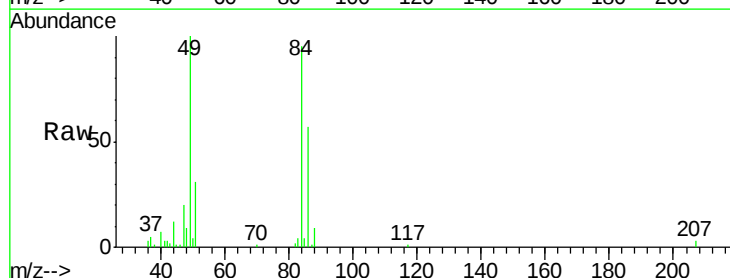
Instrument :
MSVOA_N
ClientSampleId :
PL-01-061818-D

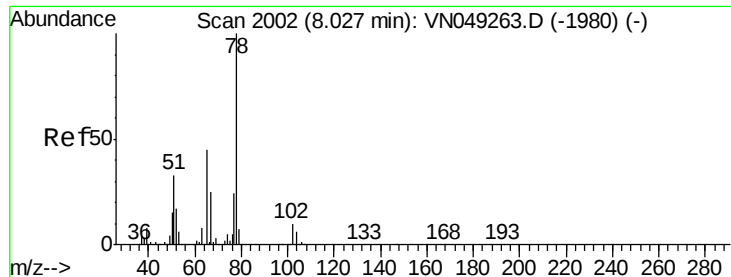
Tot Ion: 43 Resp: 106484
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#20
Methylene Chloride
Concen: 3.552 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049421.D
Acq: 20 Jun 2018 7:28

Tgt Ion: 84 Resp: 53875
Ion Ratio Lower Upper
84 100
49 104.7 106.9 160.3#
51 32.8 32.7 49.1
86 59.2 49.8 74.8

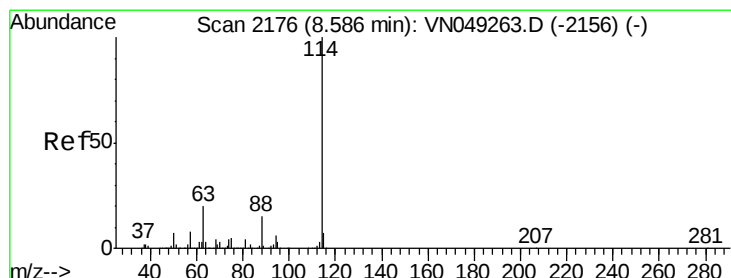
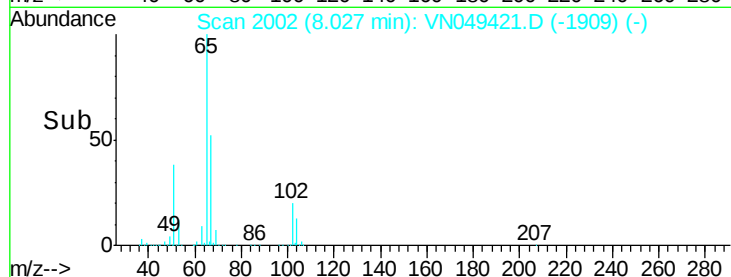
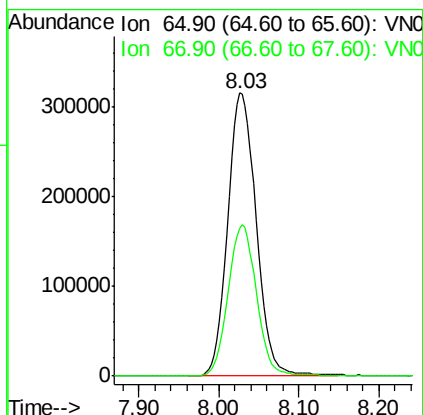
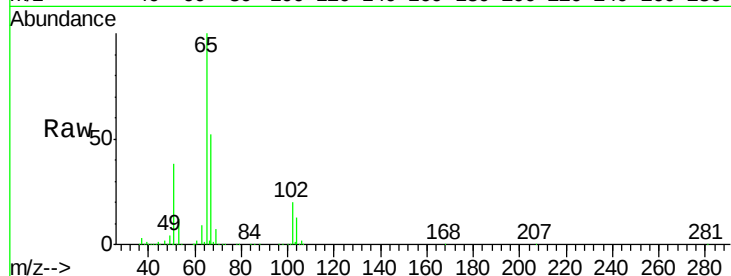




#33
 1,2-Dichloroethane-d4
 Concen: 51.062 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049421.D
 Acq: 20 Jun 2018 7:28

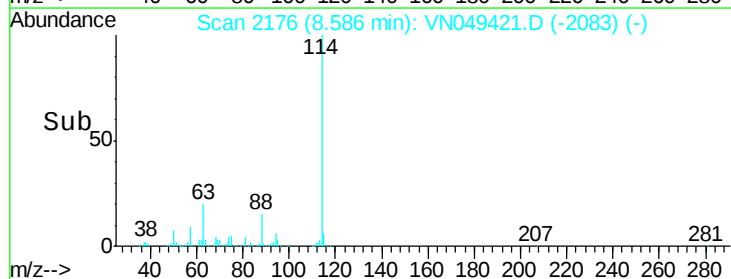
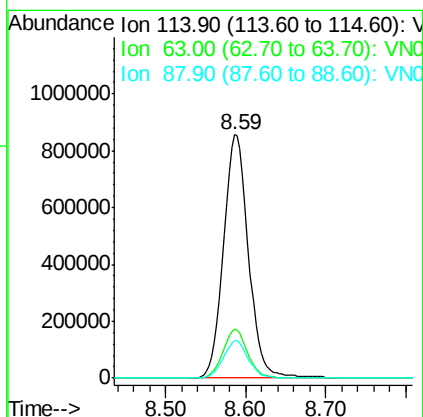
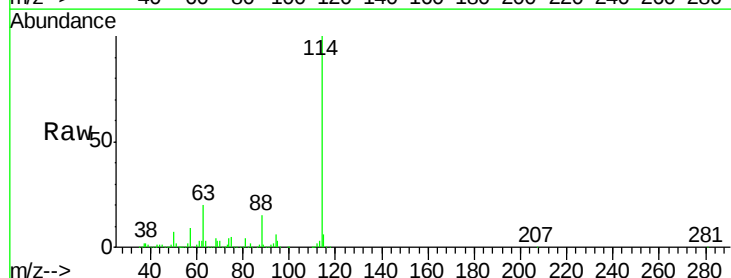
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-01-061818-D

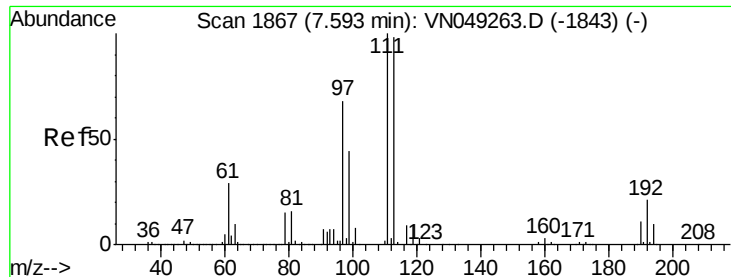
Tot Ion: 65 Resp: 763770
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049421.D
 Acq: 20 Jun 2018 7:28

Tgt Ion: 114 Resp: 1838619
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.2 0.0 31.4

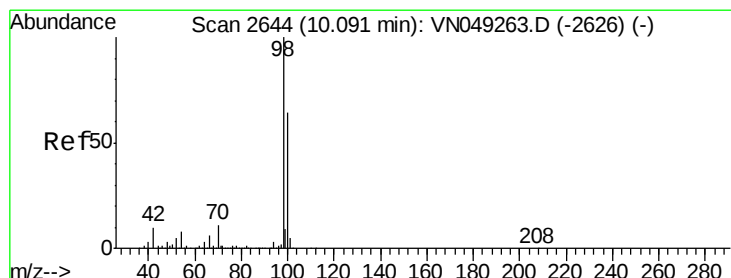
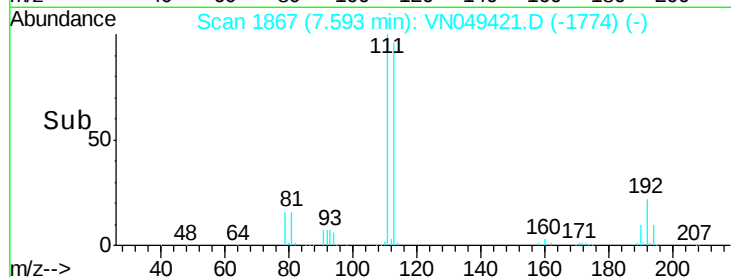
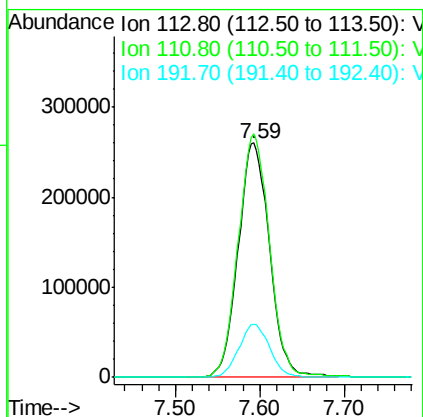
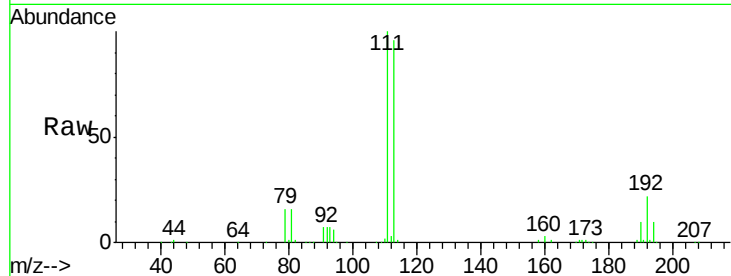




#35
Dibromofluoromethane
Concen: 45.417 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049421.D
Acq: 20 Jun 2018 7:28

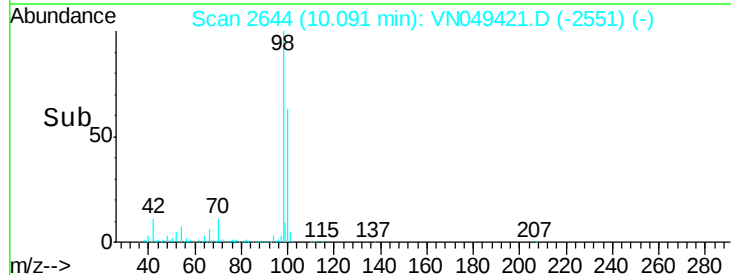
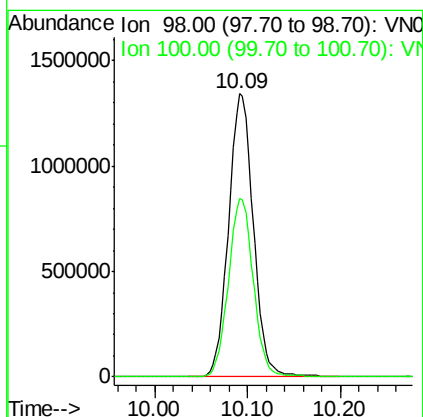
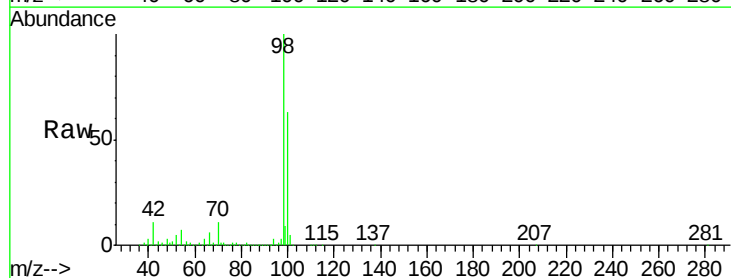
Instrument :
MSVOA_N
ClientSampleId :
PL-01-061818-D

Tot Ion:113 Resp: 675584
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 22.2 15.0 22.6



#50
Toluene-d8
Concen: 43.949 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049421.D
Acq: 20 Jun 2018 7:28

Tgt Ion: 98 Resp: 2489270
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 34.474 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049421.D

Acq: 20 Jun 2018 7:28

Instrument :

MSVOA_N

ClientSampleId :

PL-01-061818-D

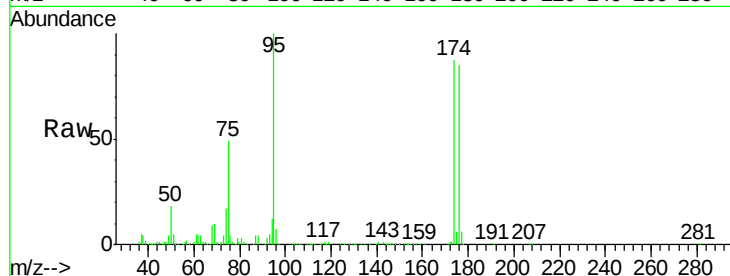
Tot Ion: 95 Resp: 645628

Ion Ratio Lower Upper

95 100

174 89.6 0.0 165.6

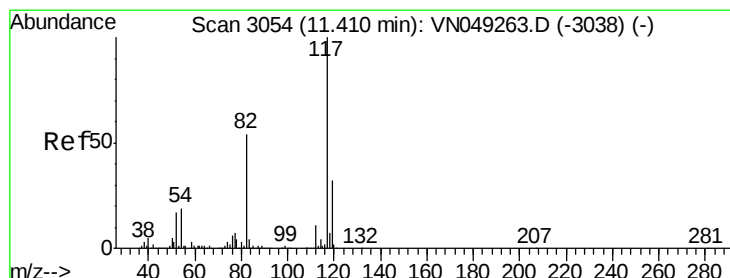
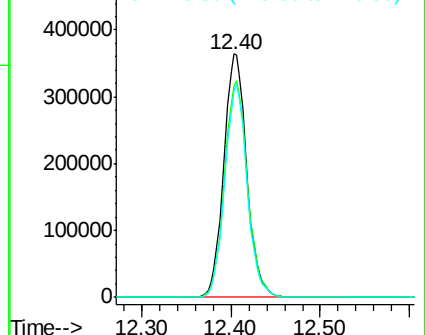
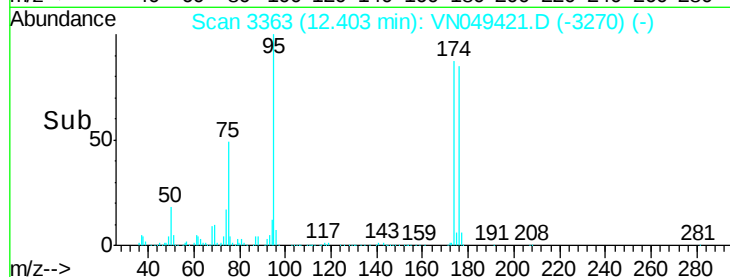
176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049421.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049421.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049421.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049421.D

Acq: 20 Jun 2018 7:28

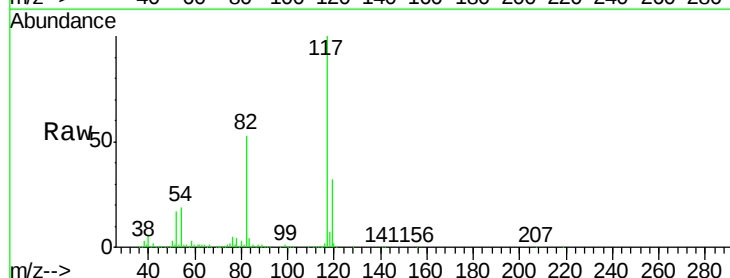
Tgt Ion: 117 Resp: 1519418

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

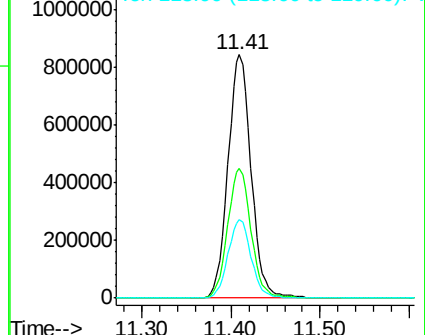
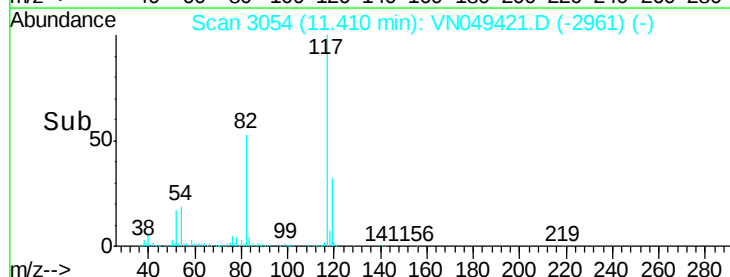
119 32.1 25.5 38.3

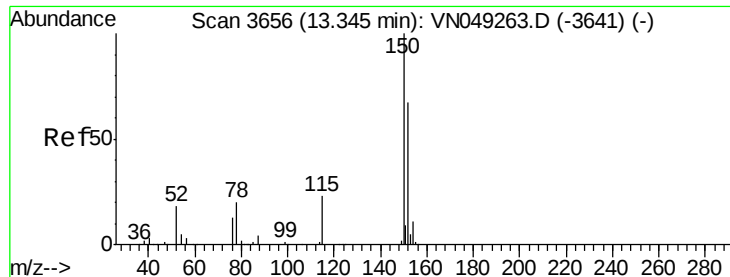


Abundance Ion 116.90 (116.60 to 117.60): VN049421.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049421.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049421.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049421.D

Acq: 20 Jun 2018 7:28

Instrument :

MSVOA_N

ClientSampleId :

PL-01-061818-D

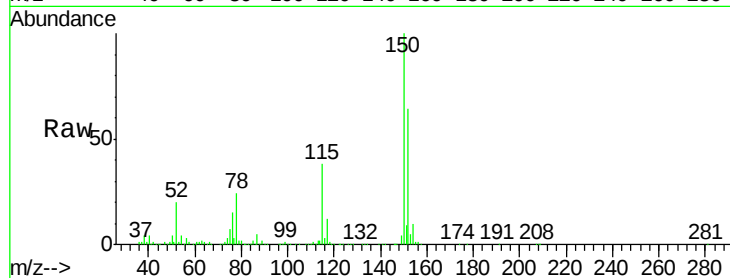
Tot Ion:152 Resp: 448872

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.1

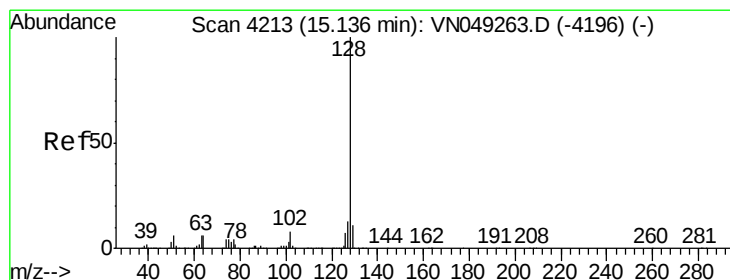
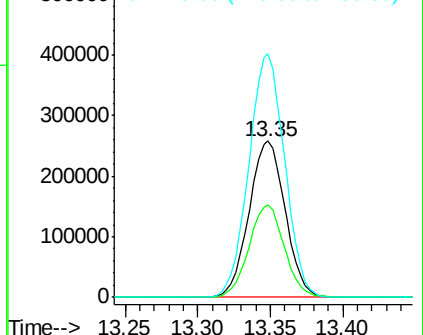
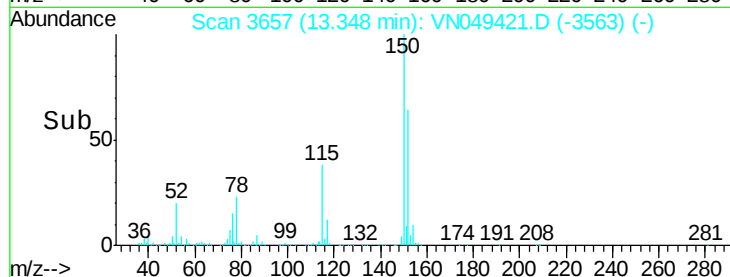
150 154.1 0.0 351.0



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: 3.623 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049421.D

Acq: 20 Jun 2018 7:28

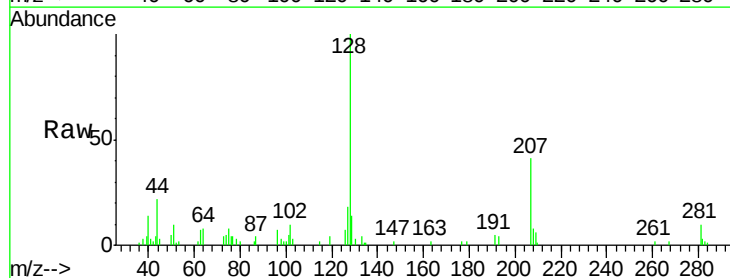
Tgt Ion:128 Resp: 19269

Ion Ratio Lower Upper

128 100

127 16.5 10.6 16.0#

129 14.2 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

