

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049712.D
 Acq On : 5 Jul 2018 14:49
 Operator : MD\SY
 Sample : PB110828TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110828TB

Quant Time: Jul 05 16:41:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

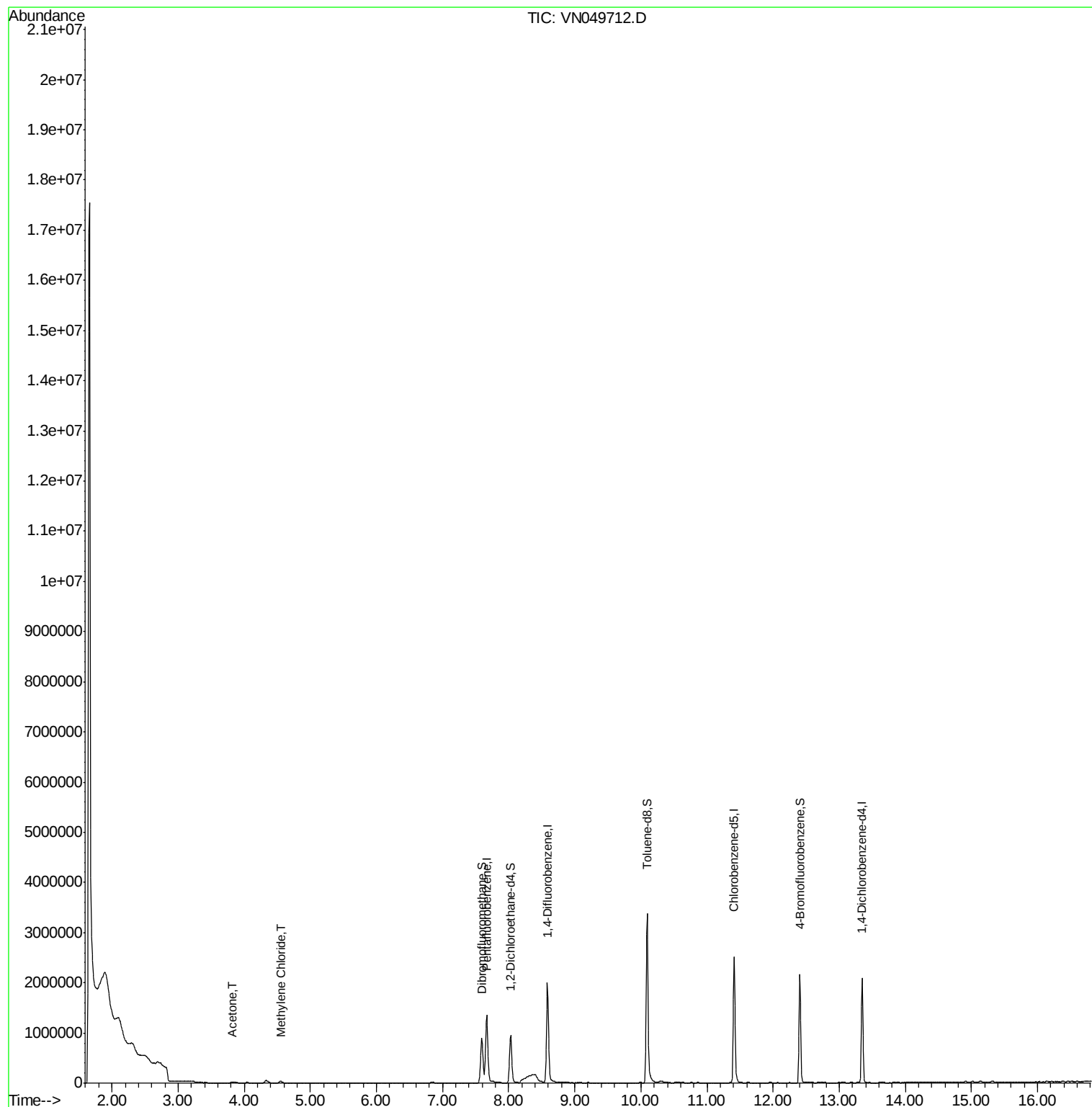
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1197294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1917445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1604971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	589501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	838756	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	690807	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	10.09	98	2603968	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	12.40	95	723416	37.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.52%	
Target Compounds						
16) Acetone	3.82	43	35571	3.318	ug/l	96
20) Methylene Chloride	4.54	84	21370	1.313	ug/l	93

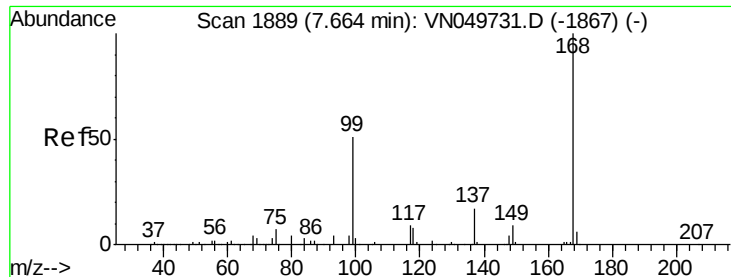
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049712.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_N

ClientSampled :

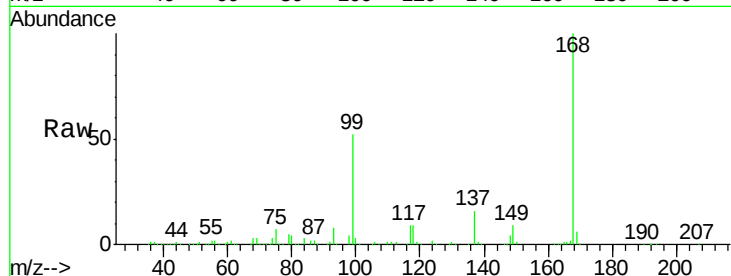
PB110828TB

Tot Ion:168 Resp: 1197294

Ion Ratio Lower Upper

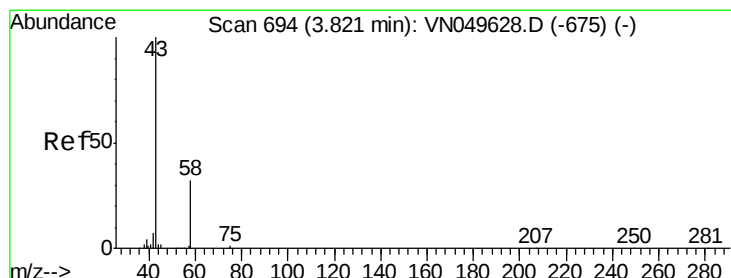
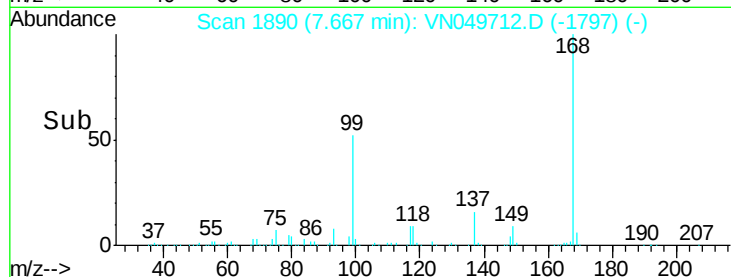
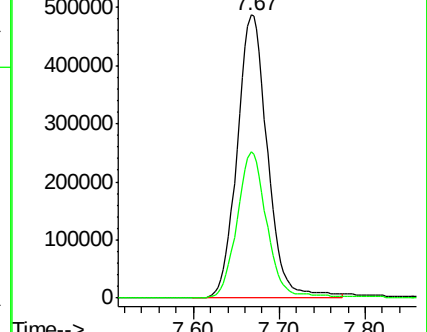
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.318 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049712.D

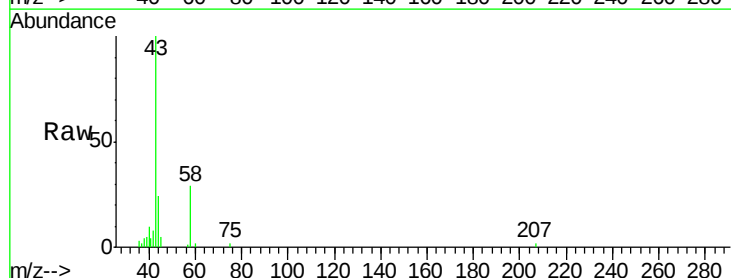
Acq: 5 Jul 2018 14:49

Tgt Ion: 43 Resp: 35571

Ion Ratio Lower Upper

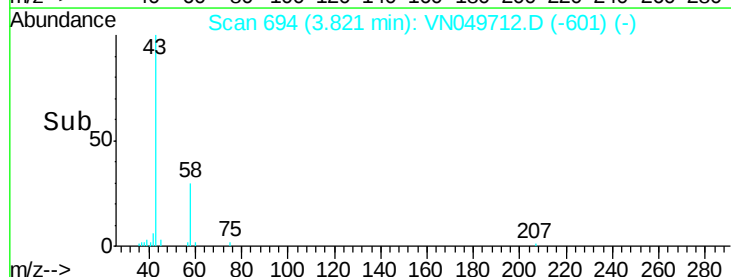
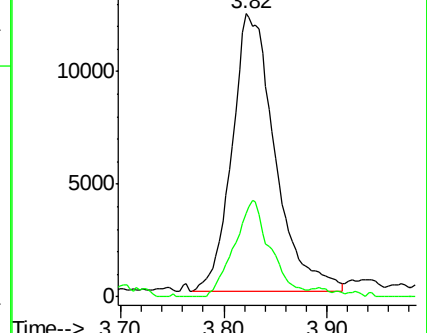
43 100

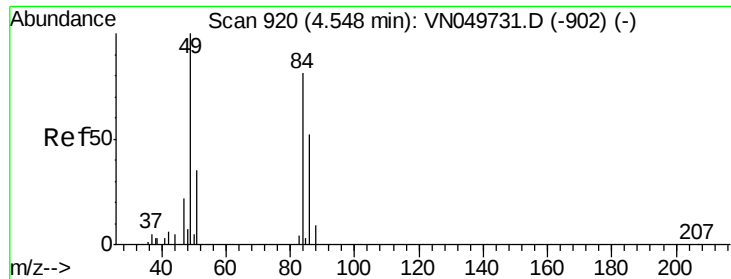
58 30.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.313 ug/l

RT: 4.54 min Scan# 918

Delta R.T. -0.01 min

Lab File: VN049712.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB110828TB

Tot Ion: 84 Resp: 21370

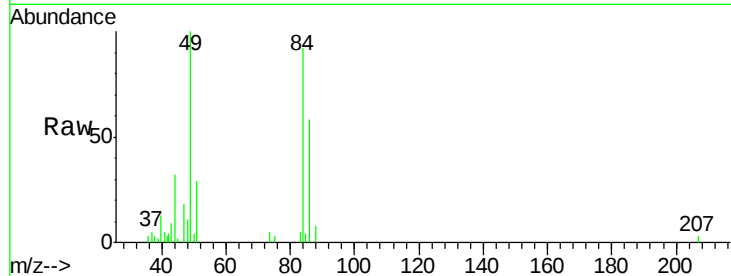
Ion Ratio Lower Upper

84 100

49 108.9 95.4 143.2

51 31.7 28.4 42.6

86 63.1 52.6 79.0

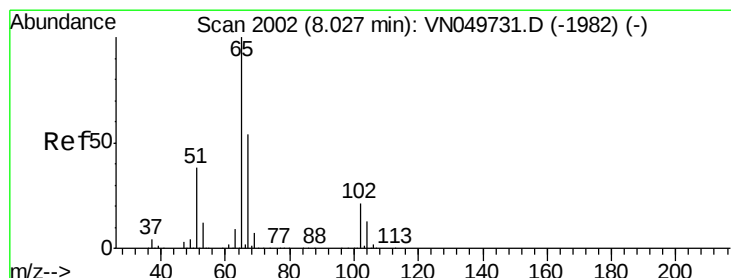
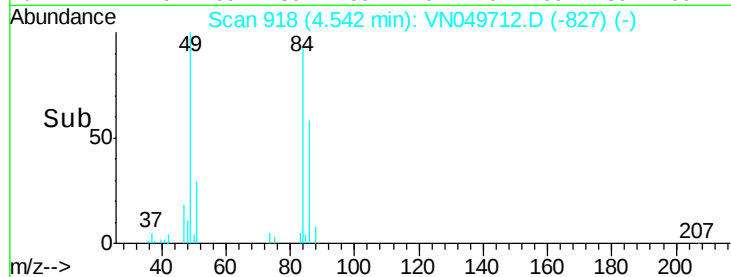
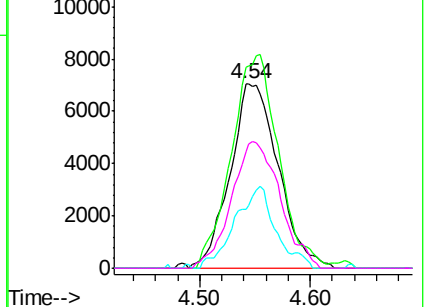


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.048 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049712.D

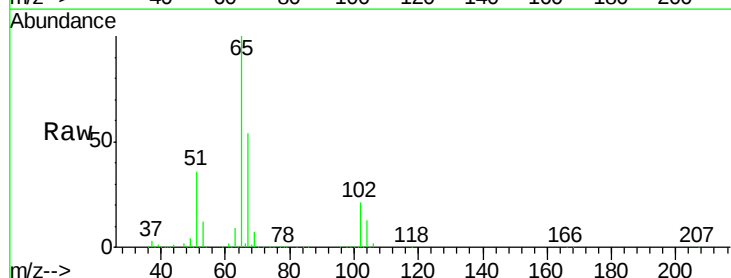
Acq: 5 Jul 2018 14:49

Tgt Ion: 65 Resp: 838756

Ion Ratio Lower Upper

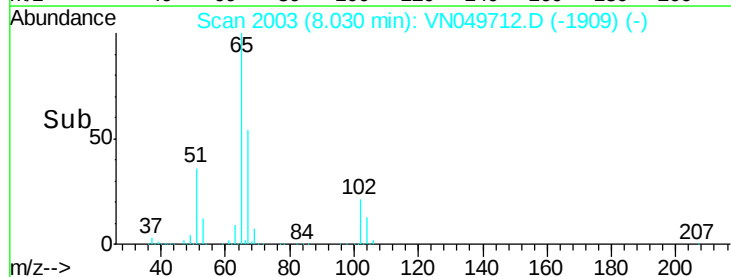
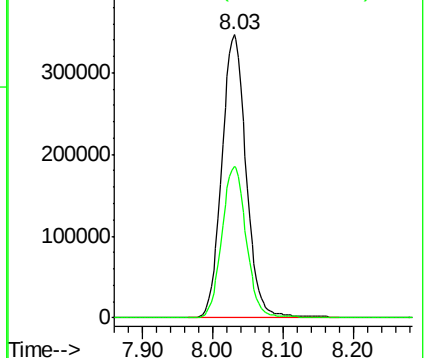
65 100

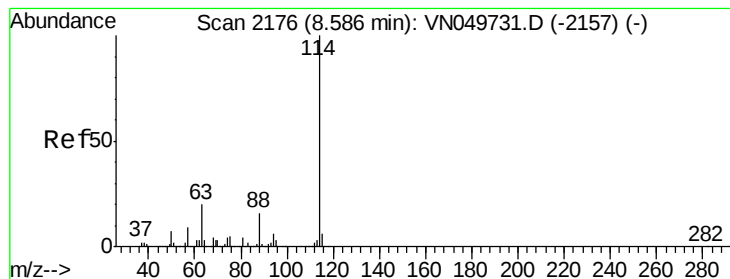
67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049712.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB110828TB

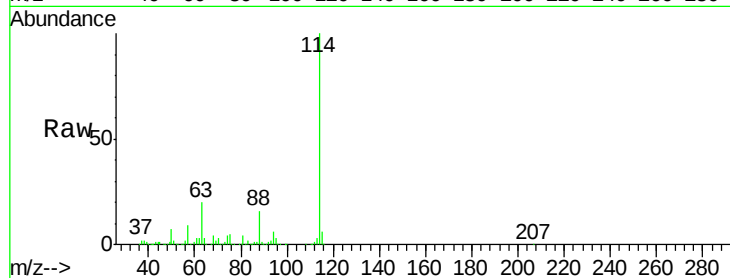
Tot Ion:114 Resp: 1917445

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

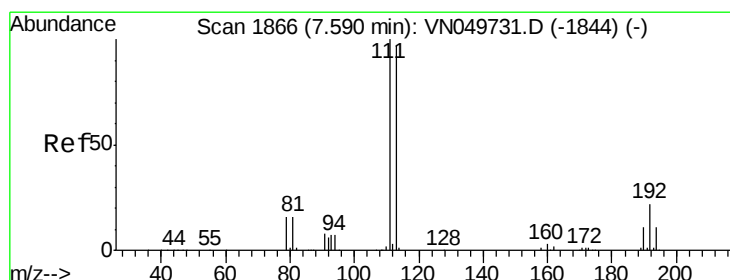
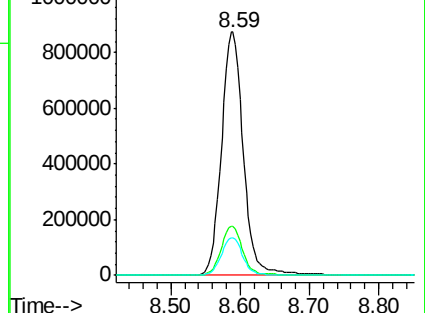
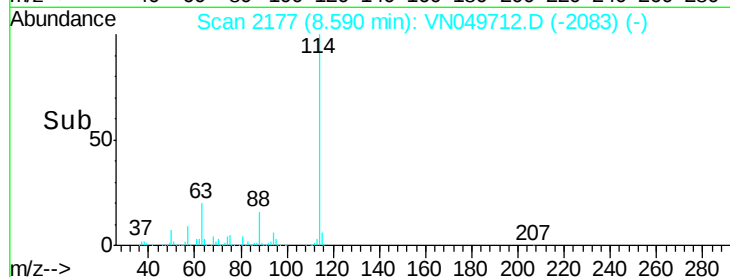
88 15.6 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.190 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049712.D

Acq: 5 Jul 2018 14:49

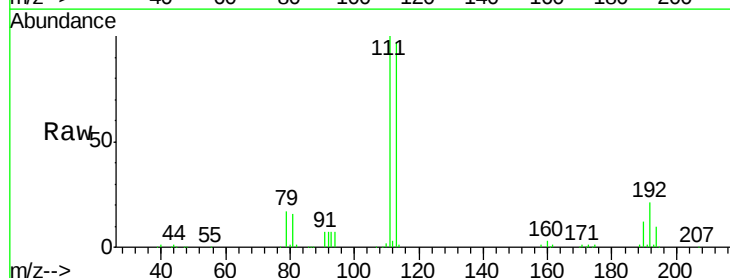
Tgt Ion:113 Resp: 690807

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

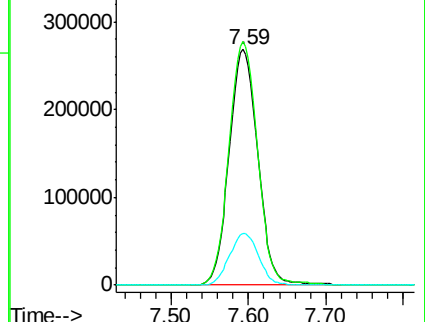
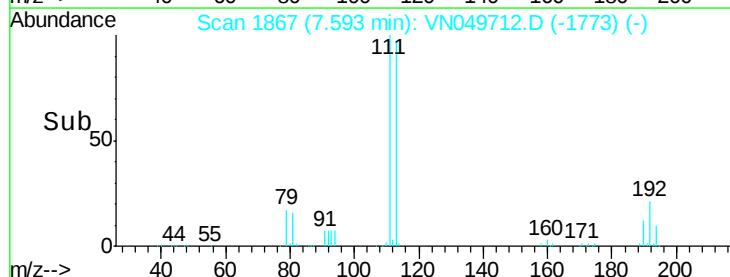
192 22.3 17.8 26.6

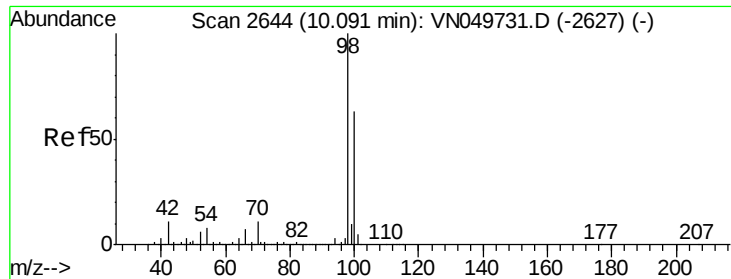


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.408 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049712.D

Acq: 5 Jul 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

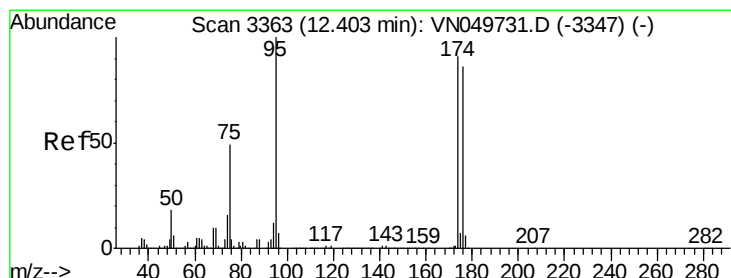
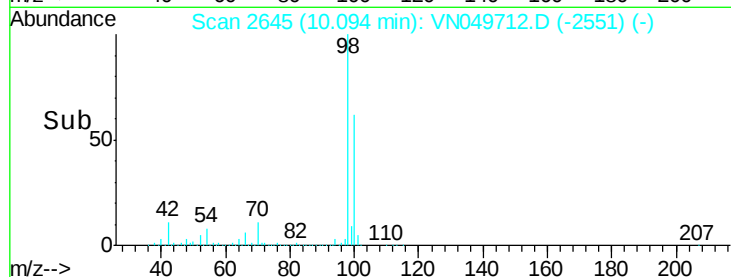
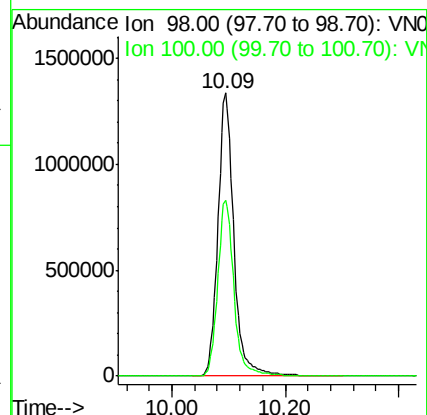
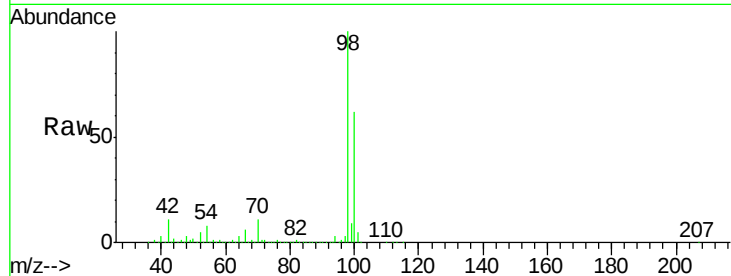
PB110828TB

Tot Ion: 98 Resp: 2603968

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 37.763 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049712.D

Acq: 5 Jul 2018 14:49

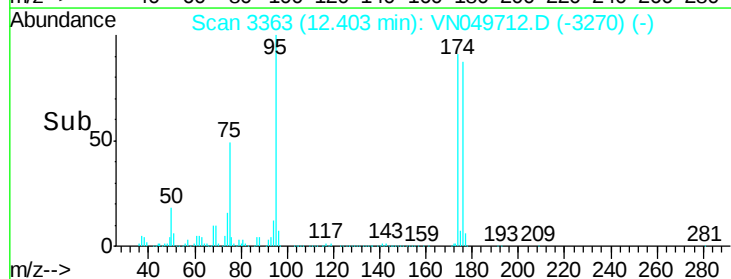
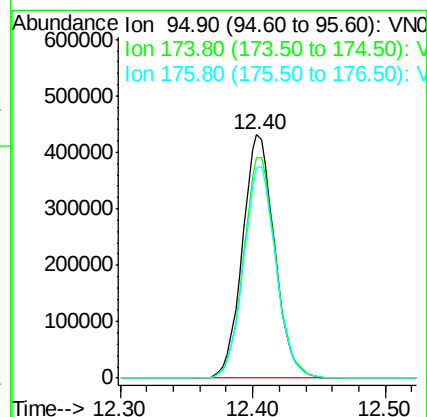
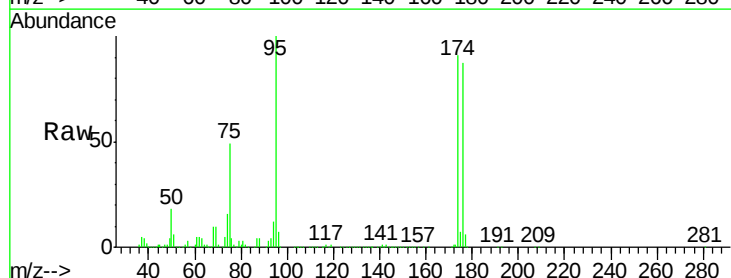
Tgt Ion: 95 Resp: 723416

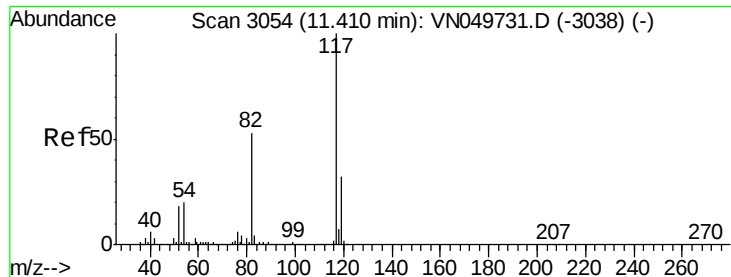
Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.6

176 87.5 0.0 174.0

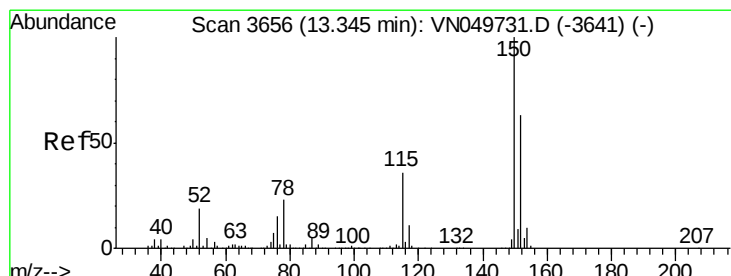
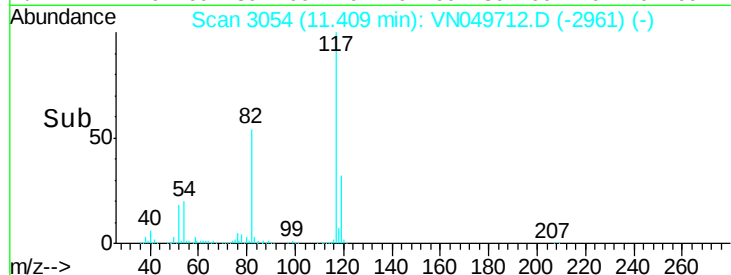
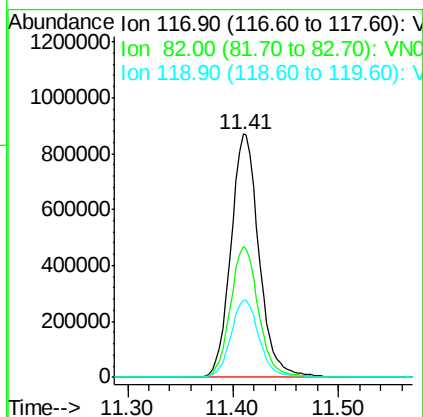
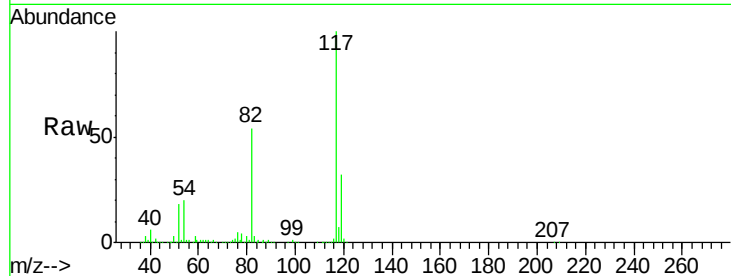




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049712.D
Acq: 5 Jul 2018 14:49

Instrument :
MSVOA_N
ClientSampled :
PB110828TB

Tot Ion:117 Resp: 1604971
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049712.D
Acq: 5 Jul 2018 14:49

Tgt Ion:152 Resp: 589501
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.2
150 158.5 0.0 347.6

