

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049743.D
 Acq On : 6 Jul 2018 17:04
 Operator : MD\SY
 Sample : PB110875TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110875TB

Quant Time: Jul 06 18:38:47 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

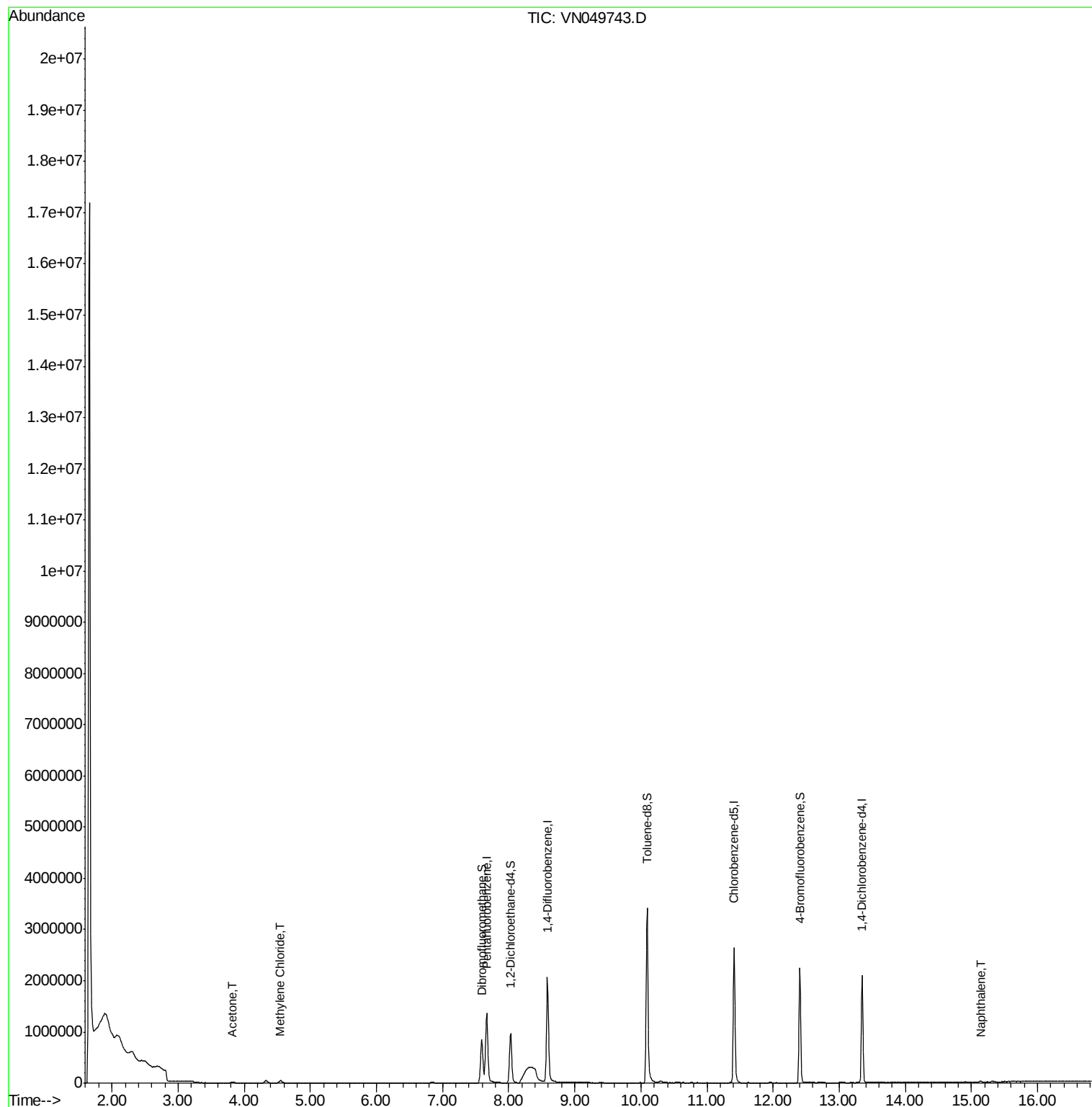
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1215051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1977977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1655347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	591498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	840930	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	7.59	113	648883	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
50) Toluene-d8	10.09	98	2654849	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	12.40	95	768711	38.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.80%	
Target Compounds						
16) Acetone	3.82	43	33155	2.374	ug/l	98
20) Methylene Chloride	4.55	84	32318	1.956	ug/l	95
95) Naphthalene	15.14	128	11244	4.470	ug/l #	91

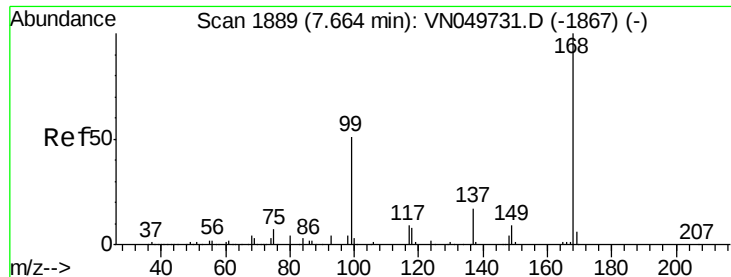
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 06 18:38:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
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# 1891

Delta R.T. 0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

Instrument :

MSVOA_N

ClientSampled :

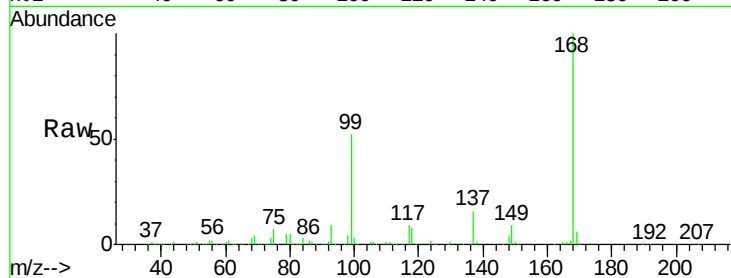
PB110875TB

Tot Ion:168 Resp: 1215051

Ion Ratio Lower Upper

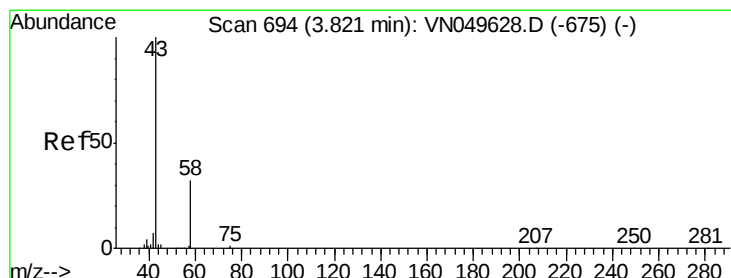
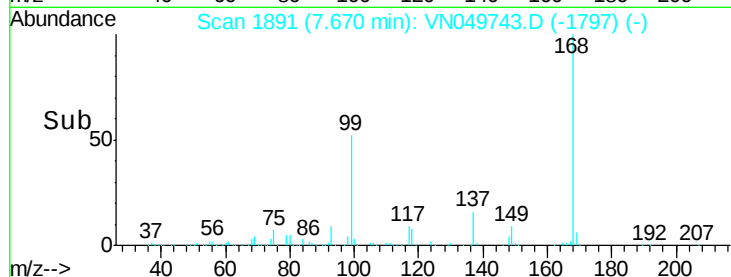
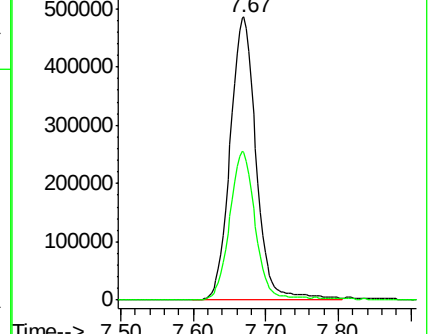
168 100

99 52.0 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: 2.374 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049743.D

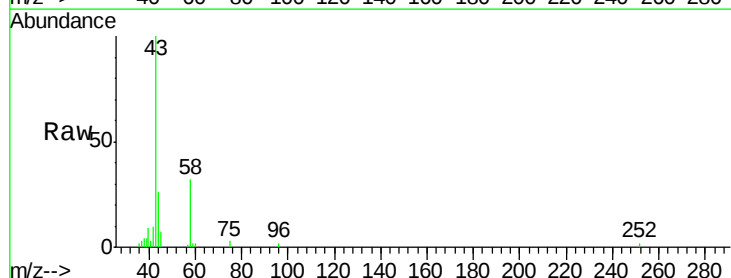
Acq: 6 Jul 2018 17:04

Tgt Ion: 43 Resp: 33155

Ion Ratio Lower Upper

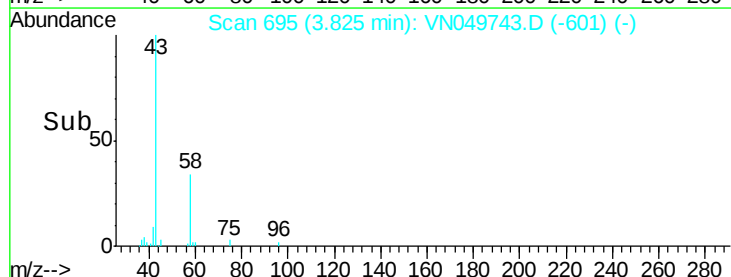
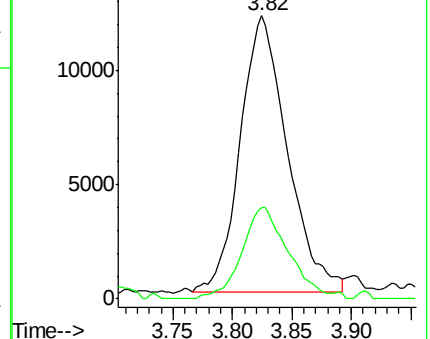
43 100

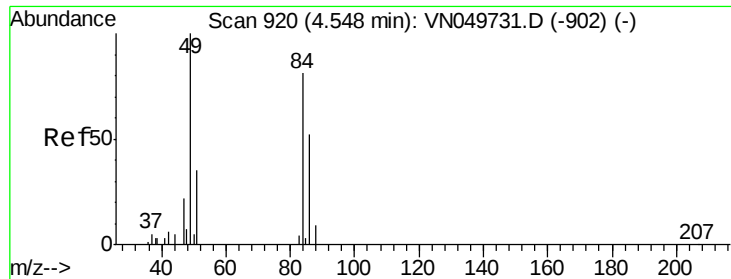
58 33.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

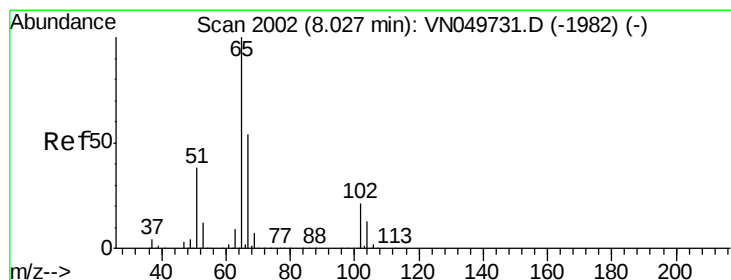
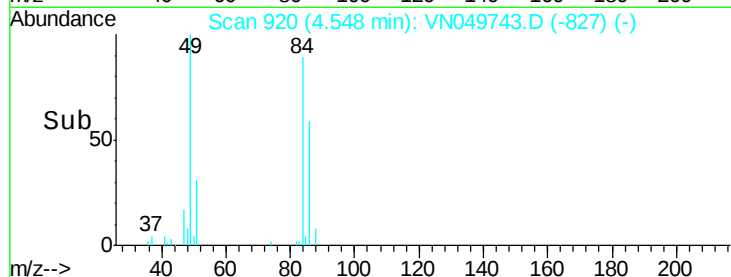
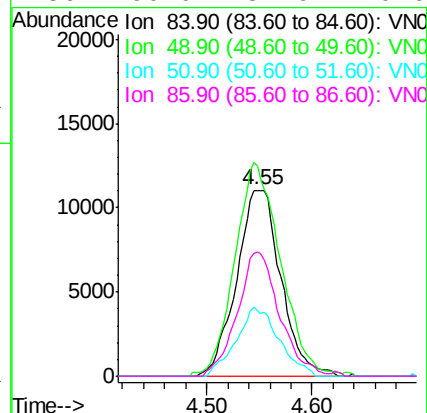
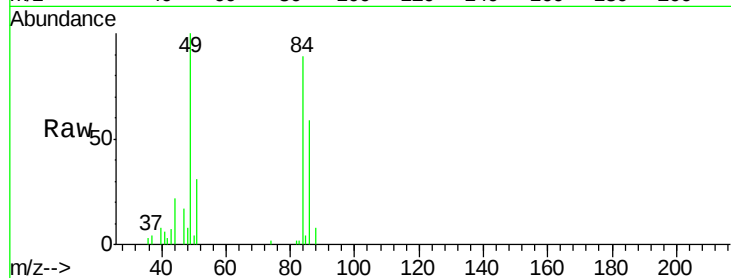




#20
Methylene Chloride
Concen: 1.956 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049743.D
Acq: 6 Jul 2018 17:04

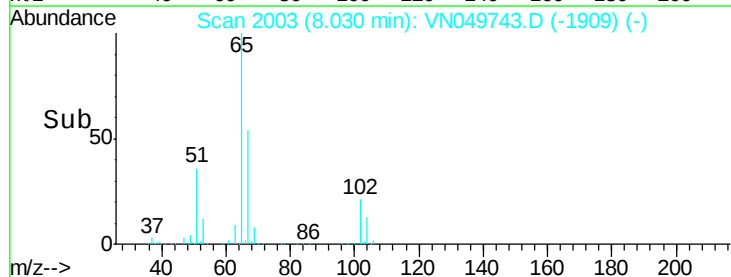
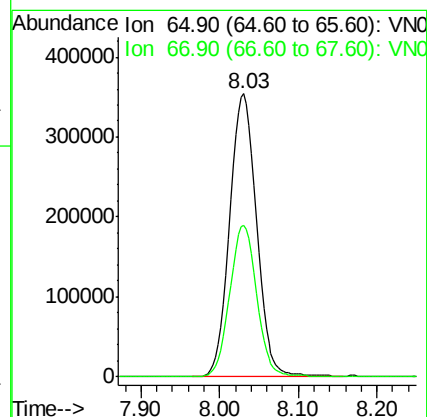
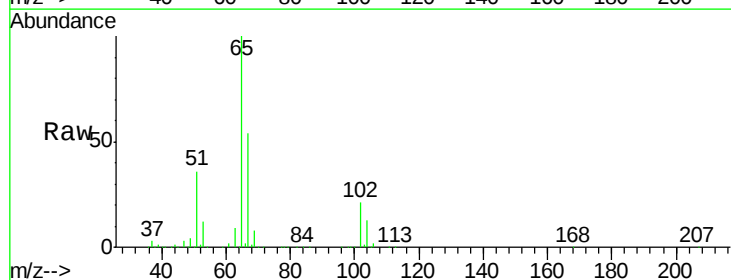
Instrument :
MSVOA_N
ClientSampled :
PB110875TB

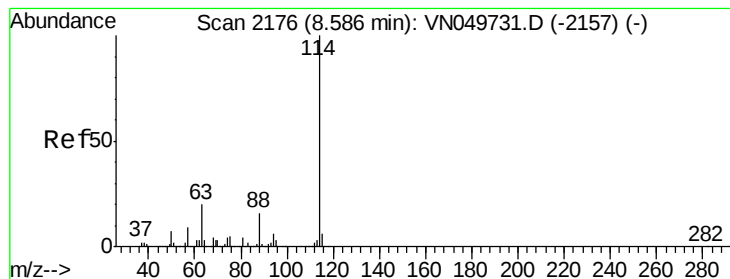
Tot Ion: 84 Resp: 32318
Ion Ratio Lower Upper
84 100
49 110.9 95.4 143.2
51 35.2 28.4 42.6
86 66.9 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 52.408 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049743.D
Acq: 6 Jul 2018 17:04

Tgt Ion: 65 Resp: 840930
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

PB110875TB

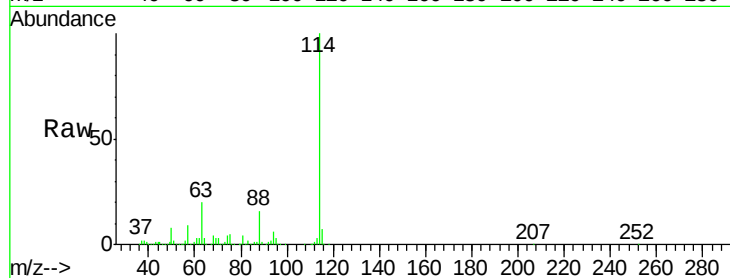
Tot Ion:114 Resp: 1977977

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

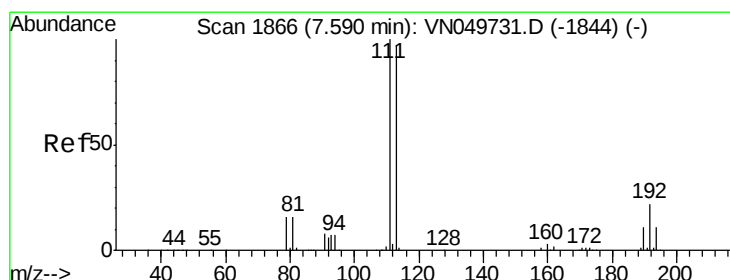
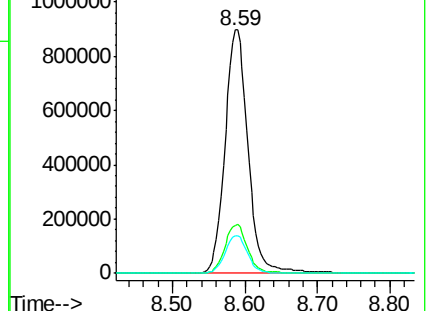
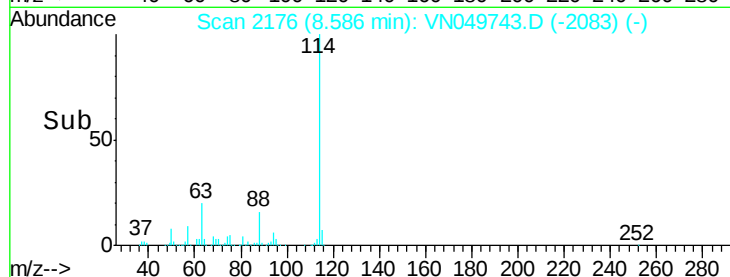
88 15.6 0.0 30.6



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: 43.881 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

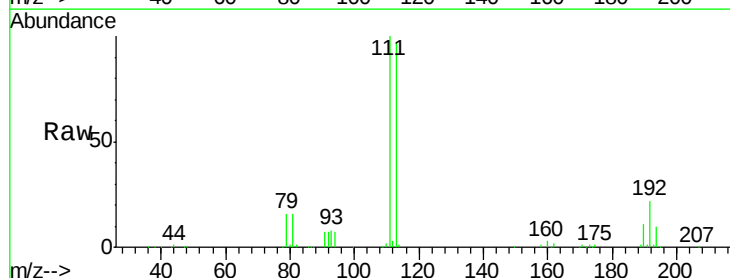
Tgt Ion:113 Resp: 648883

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

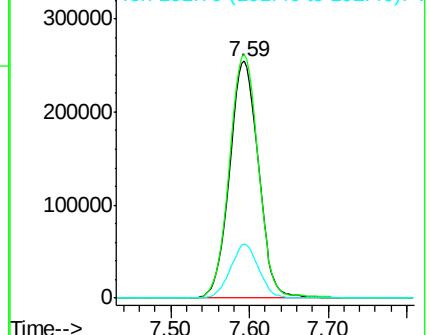
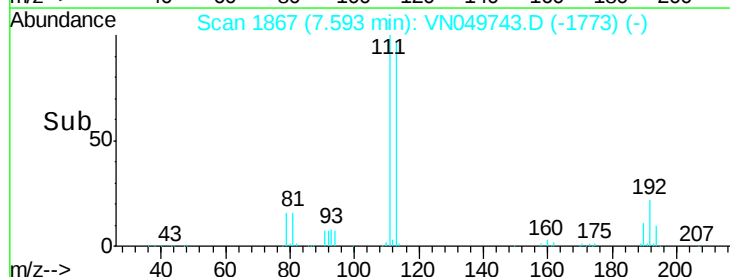
192 22.2 17.8 26.6

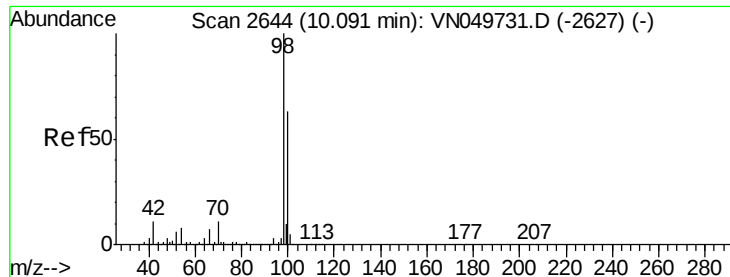


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.867 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

Instrument :

MSVOA_N

ClientSampled :

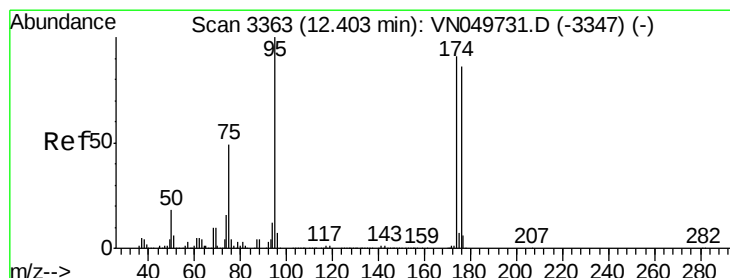
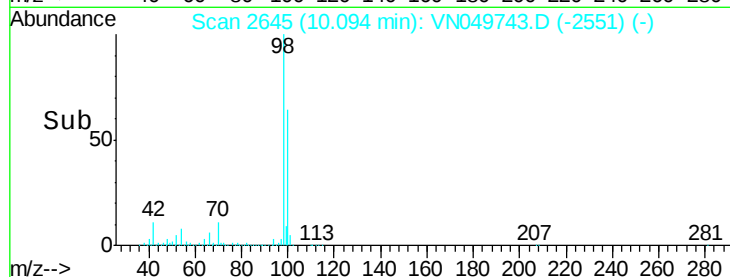
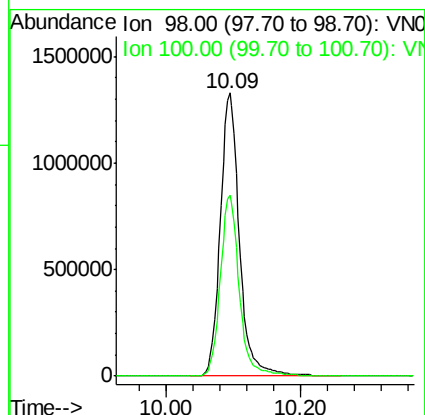
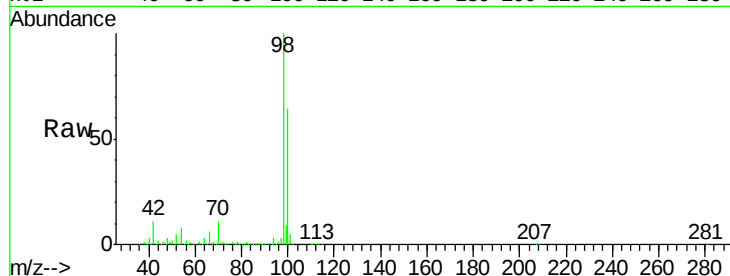
PB110875TB

Tot Ion: 98 Resp: 2654849

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.900 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

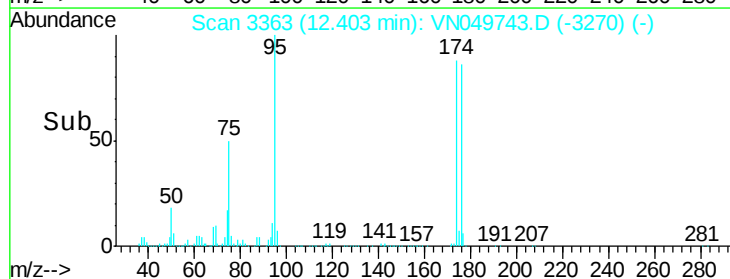
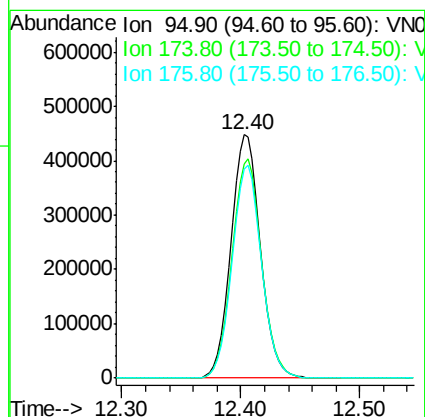
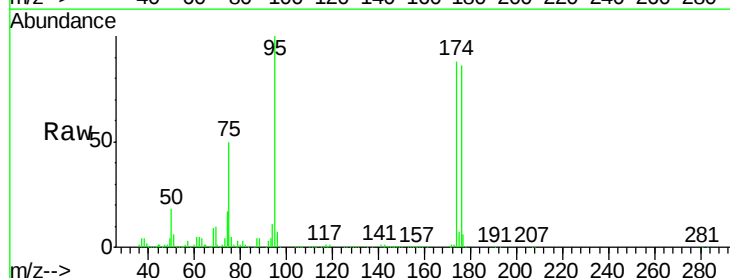
Tgt Ion: 95 Resp: 768711

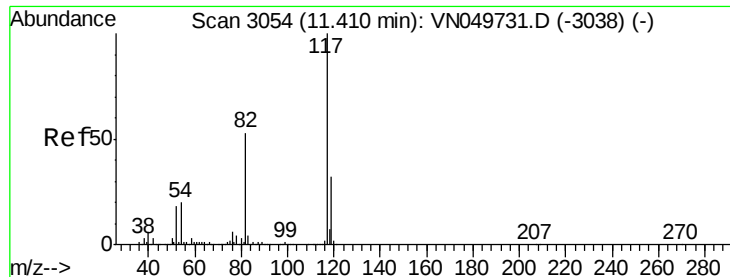
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.6

176 87.1 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: VN049743.D

Acq: 6 Jul 2018 17:04

Instrument :

MSVOA_N

ClientSampled :

PB110875TB

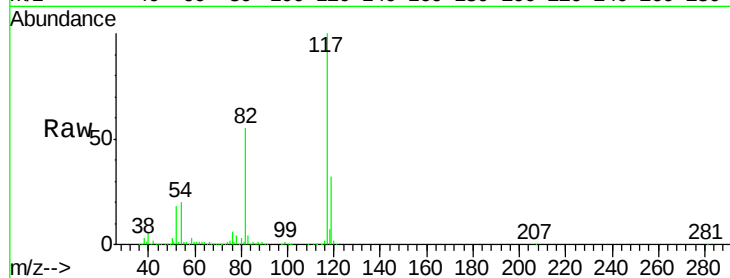
Tot Ion:117 Resp: 1655347

Ion Ratio Lower Upper

117 100

82 54.5 41.9 62.9

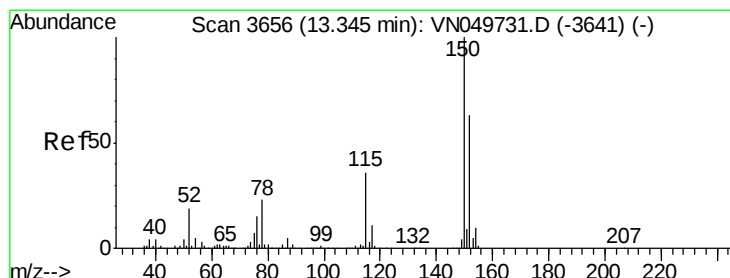
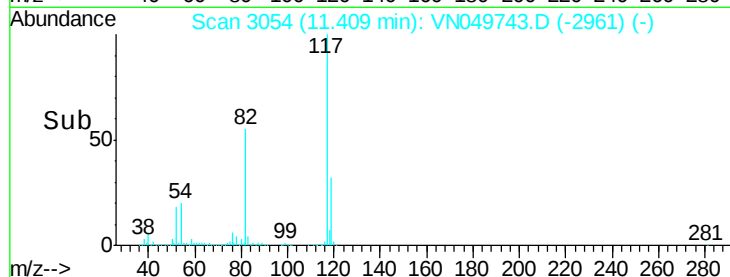
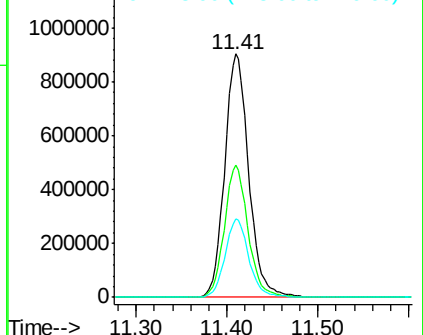
119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

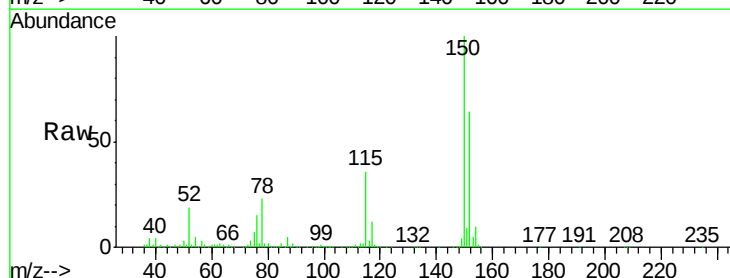
Tgt Ion:152 Resp: 591498

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

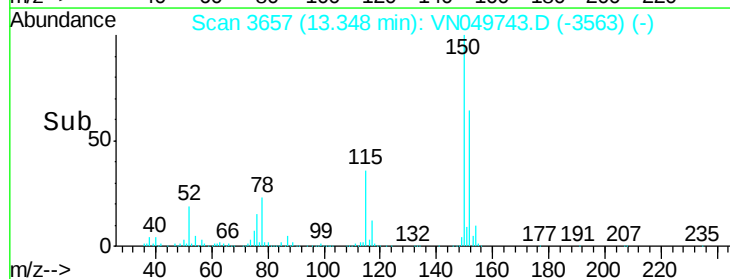
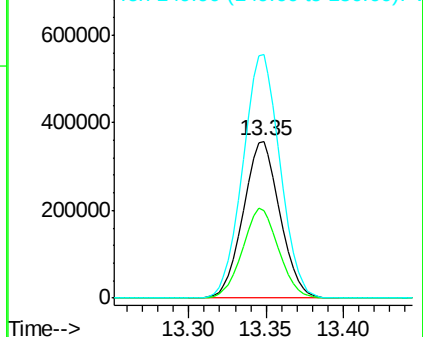
150 157.4 0.0 347.6

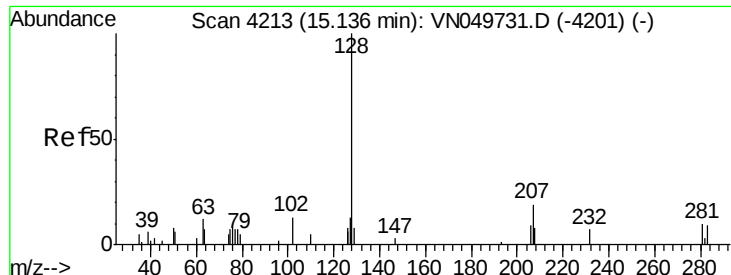


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.470 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN049743.D

Acq: 6 Jul 2018 17:04

Instrument :

MSVOA_N

ClientSampleId :

PB110875TB

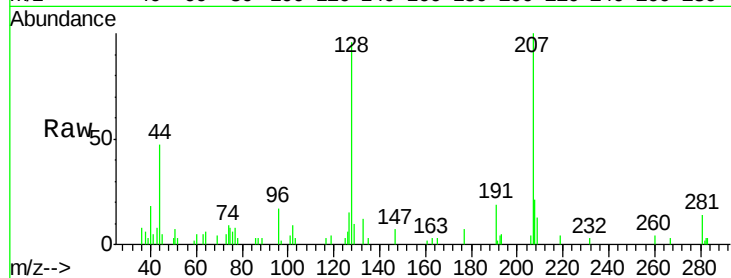
Tot Ion:128 Resp: 11244

Ion Ratio Lower Upper

128 100

127 15.5 10.4 15.6

129 5.9 8.6 13.0#



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

