

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049715.D
 Acq On : 5 Jul 2018 16:07
 Operator : MD\SY
 Sample : PB110828ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110828ZHE#02

Quant Time: Jul 05 16:50:06 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

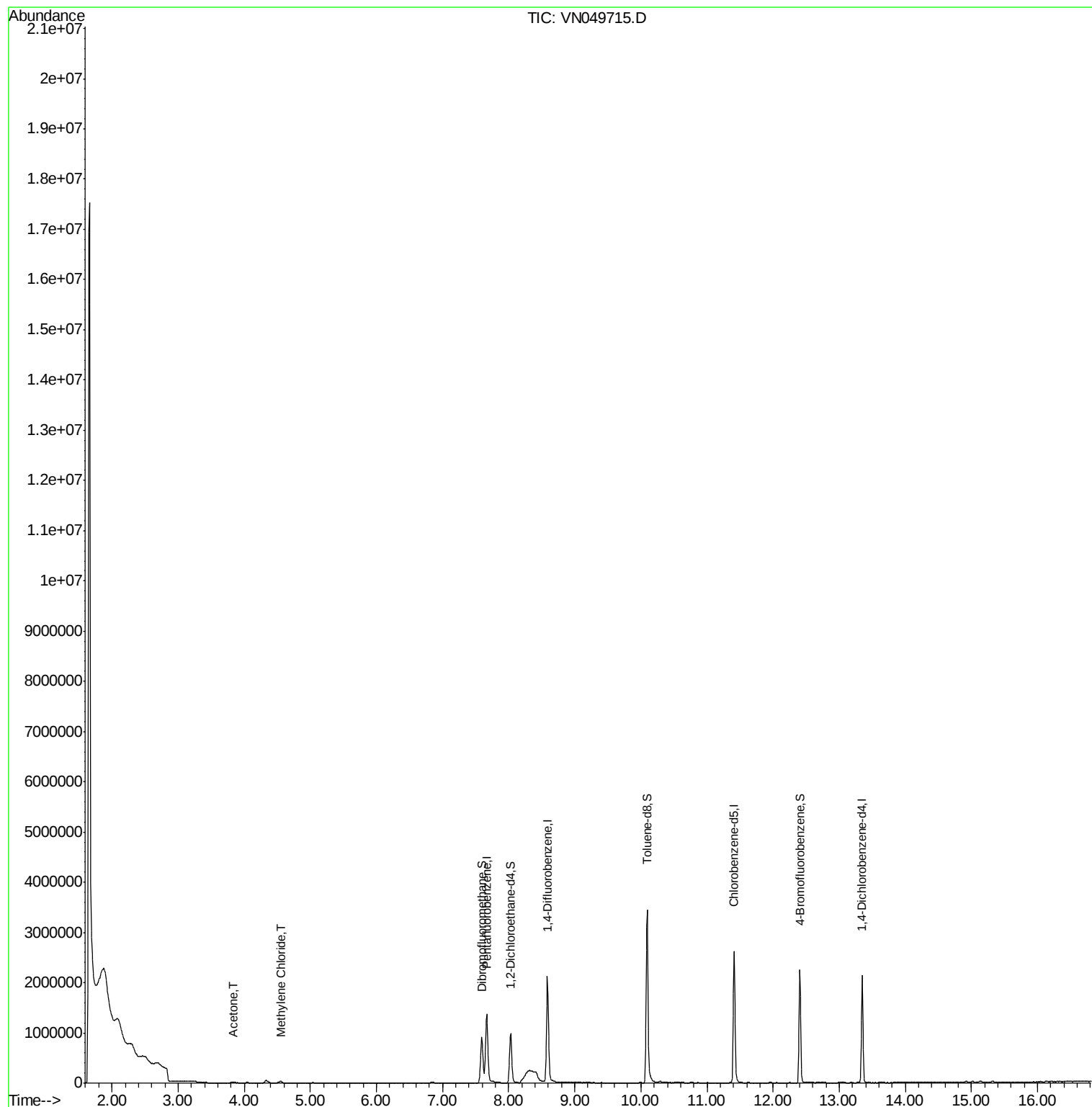
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1248662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2022446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1659937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	850942	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	702714	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.09	98	2682460	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	762397	37.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.46%	
Target Compounds						
16) Acetone	3.83	43	34684	2.565	ug/l	99
20) Methylene Chloride	4.55	84	20334	1.198	ug/l	97

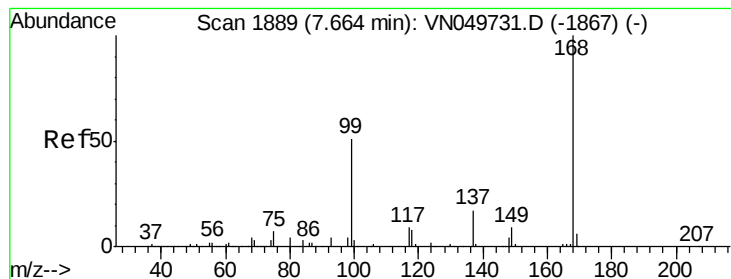
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049715.D

Acq: 5 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

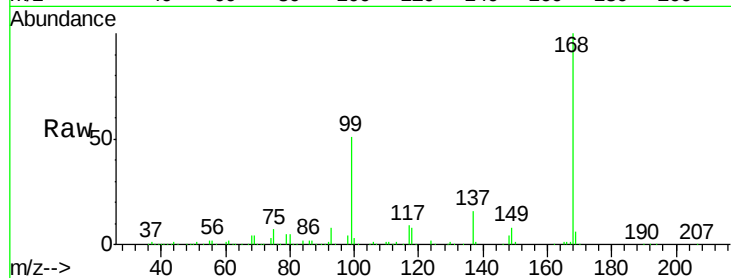
PB110828ZHE#02

Tot Ion:168 Resp: 1248662

Ion Ratio Lower Upper

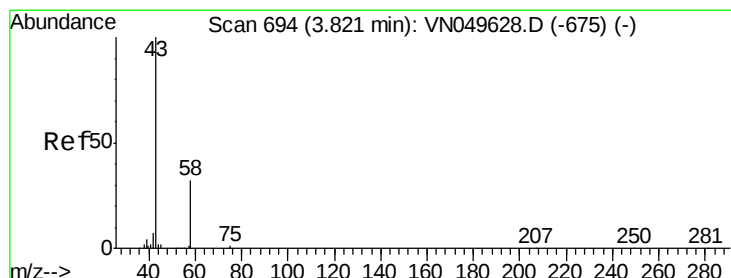
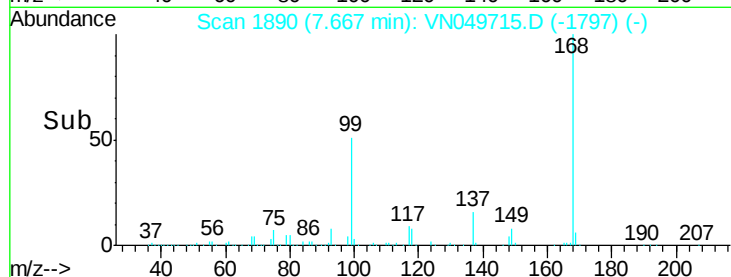
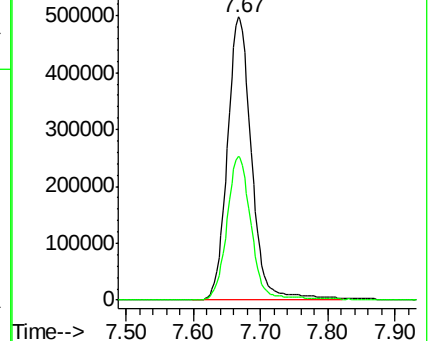
168 100

99 50.7 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: 2.565 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049715.D

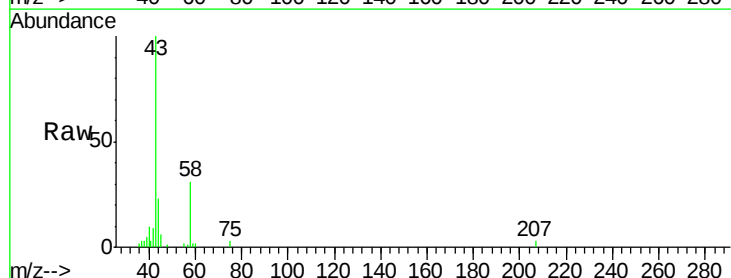
Acq: 5 Jul 2018 16:07

Tgt Ion: 43 Resp: 34684

Ion Ratio Lower Upper

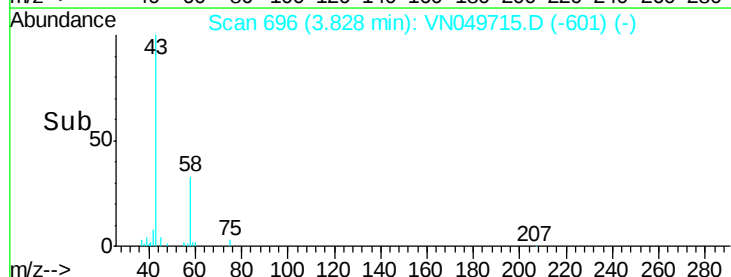
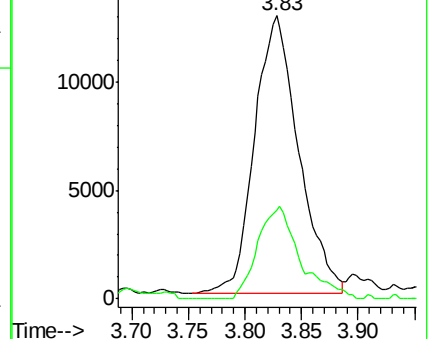
43 100

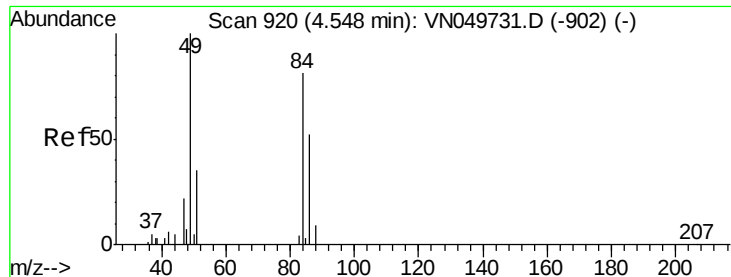
58 32.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.198 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049715.D

Acq: 5 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

PB110828ZHE#02

Tot Ion: 84 Resp: 20334

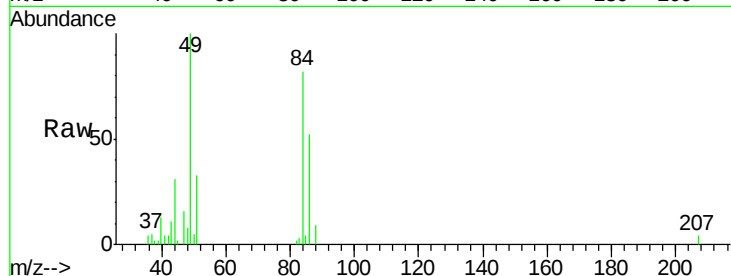
Ion Ratio Lower Upper

84 100

49 122.6 95.4 143.2

51 39.9 28.4 42.6

86 64.4 52.6 79.0

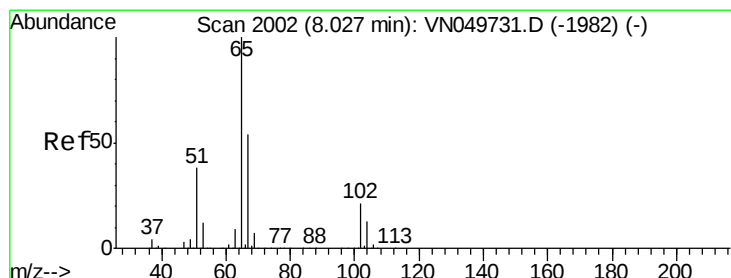
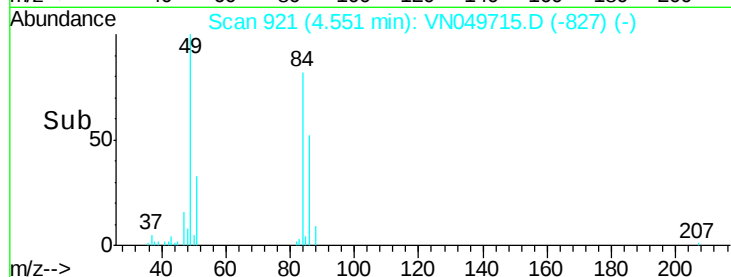
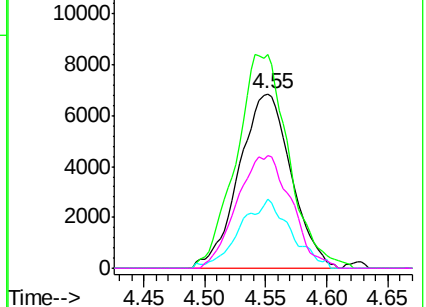


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.604 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049715.D

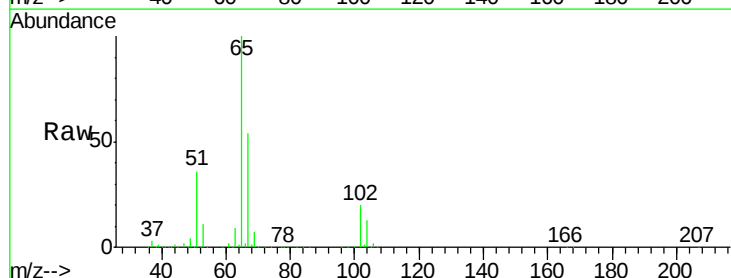
Acq: 5 Jul 2018 16:07

Tgt Ion: 65 Resp: 850942

Ion Ratio Lower Upper

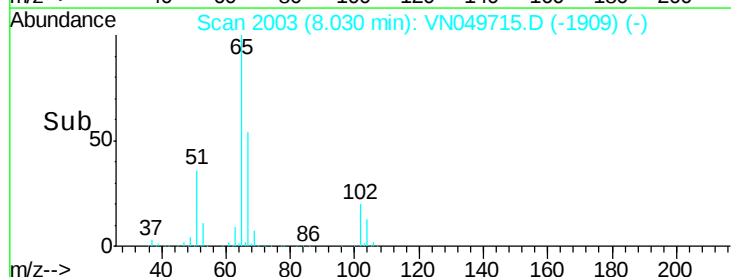
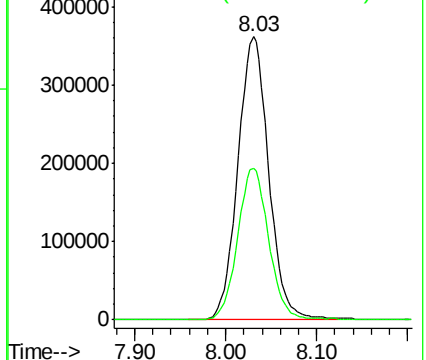
65 100

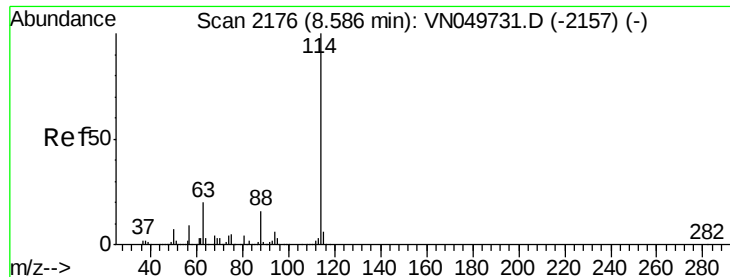
67 54.0 0.0 107.2



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: VN049715.D

Acq: 5 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

PB110828ZHE#02

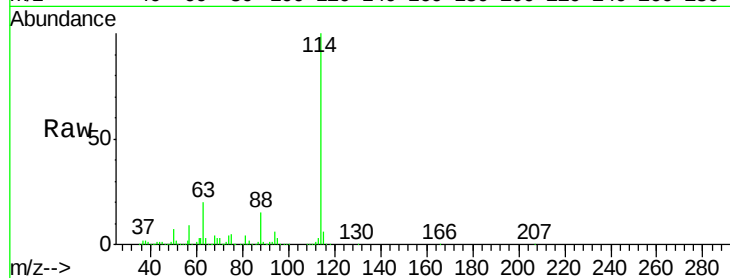
Tot Ion:114 Resp: 2022446

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

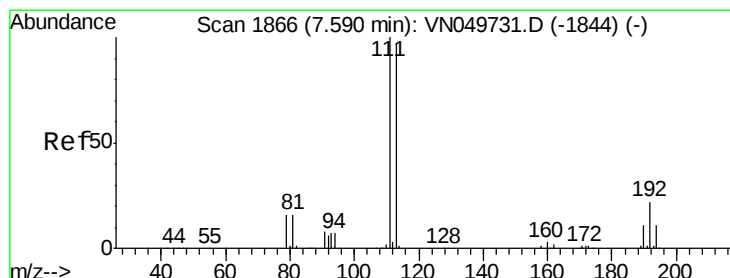
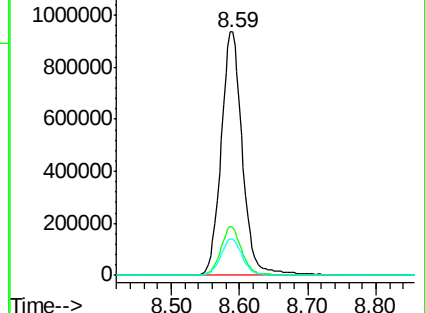
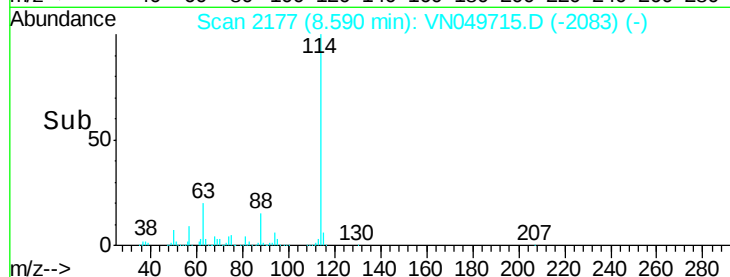
88 14.8 0.0 30.6



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: 46.476 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049715.D

Acq: 5 Jul 2018 16:07

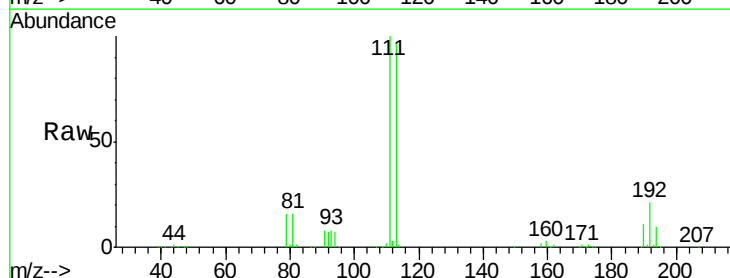
Tgt Ion:113 Resp: 702714

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

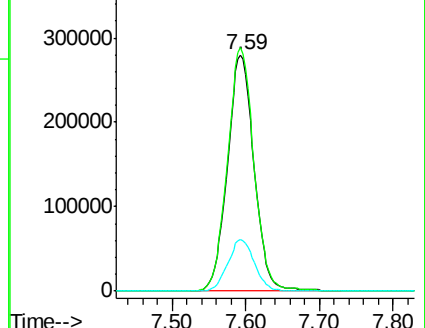
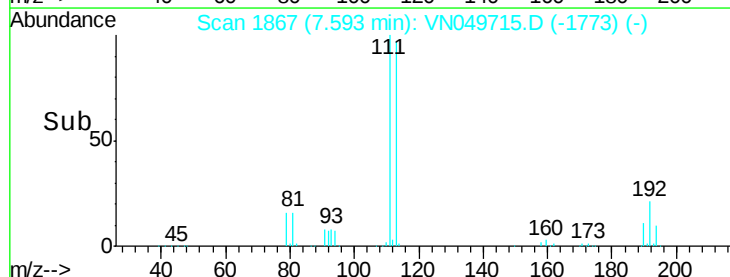
192 21.9 17.8 26.6

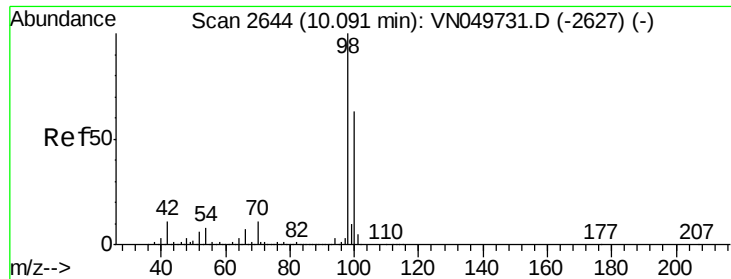


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.325 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049715.D

Acq: 5 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

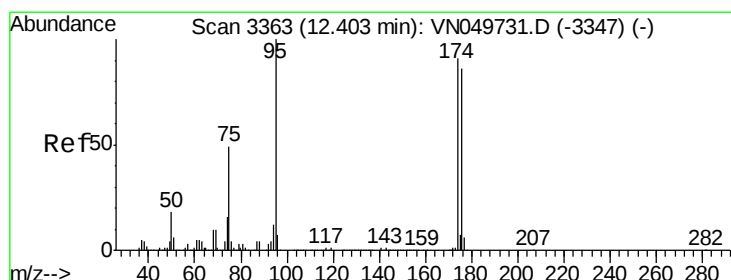
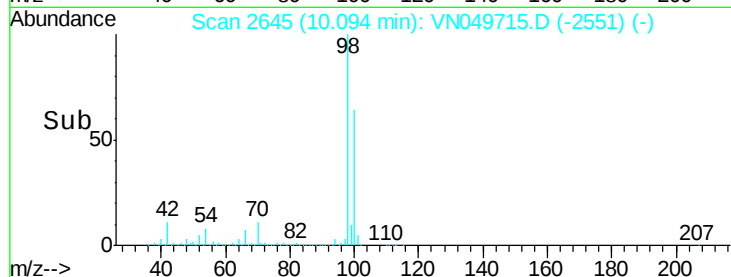
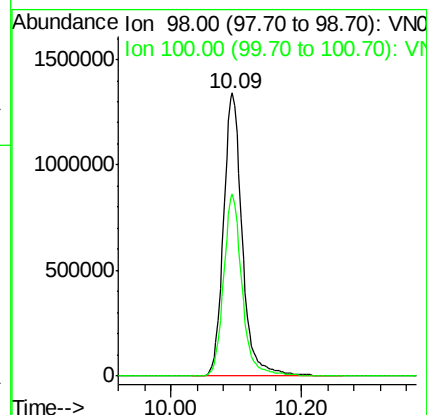
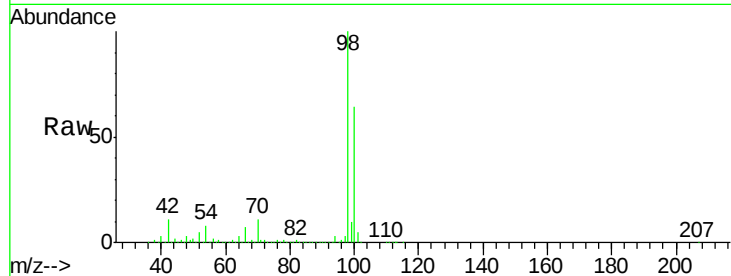
PB110828ZHE#02

Tot Ion: 98 Resp: 2682460

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 37.732 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049715.D

Acq: 5 Jul 2018 16:07

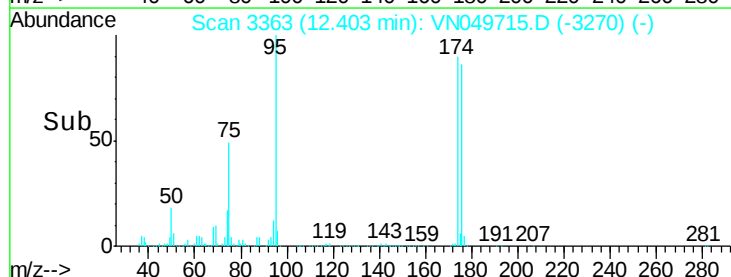
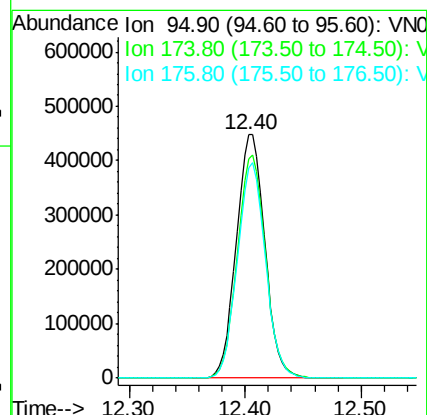
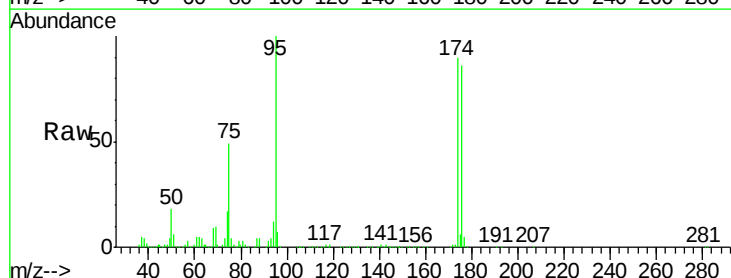
Tgt Ion: 95 Resp: 762397

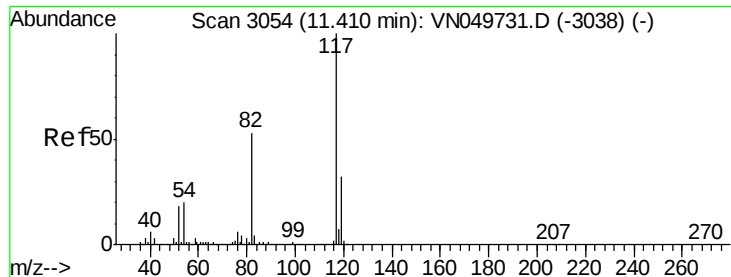
Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.6

176 86.8 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: VN049715.D

Acq: 5 Jul 2018 16:07

Instrument :

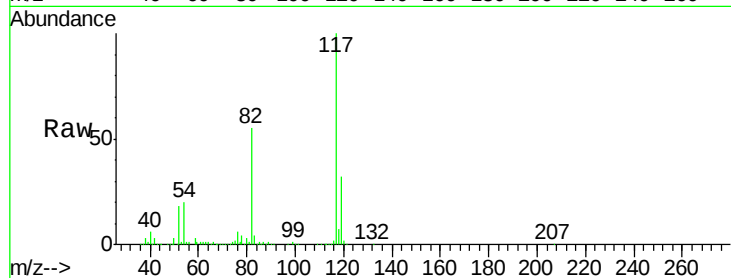
MSVOA_N

ClientSampleId :

PB110828ZHE#02

Tot Ion:117 Resp: 1659937

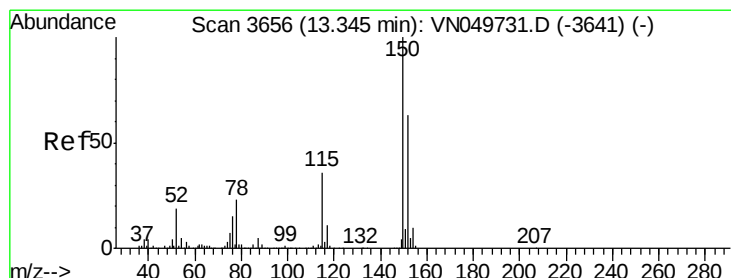
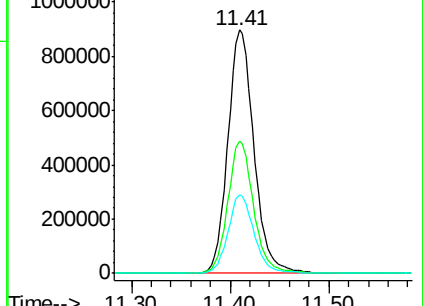
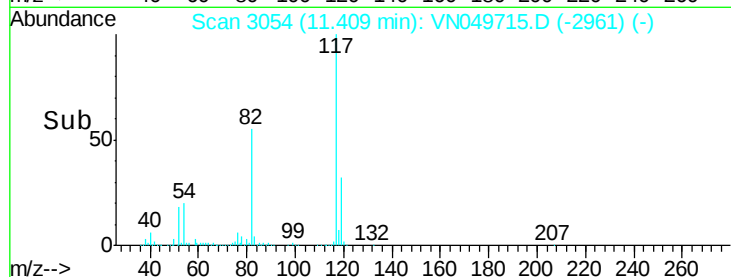
Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.9	62.9
119	32.3	25.4	38.2



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

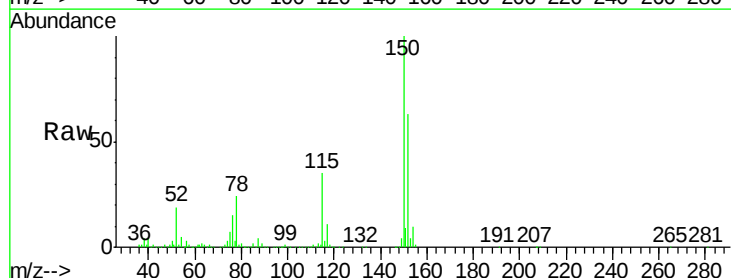
Delta R.T. 0.00 min

Lab File: VN049715.D

Acq: 5 Jul 2018 16:07

Tgt Ion:152 Resp: 613830

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.1	84.2
150	157.0	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

