

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049888.D
 Acq On : 18 Jul 2018 22:49
 Operator : MD\SY
 Sample : VN0718WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBL02

Quant Time: Jul 19 06:37:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	575148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	943989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	775557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	412839	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	364154	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	10.09	98	1255688	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
62) 4-Bromofluorobenzene	12.40	95	342658	34.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.92%	

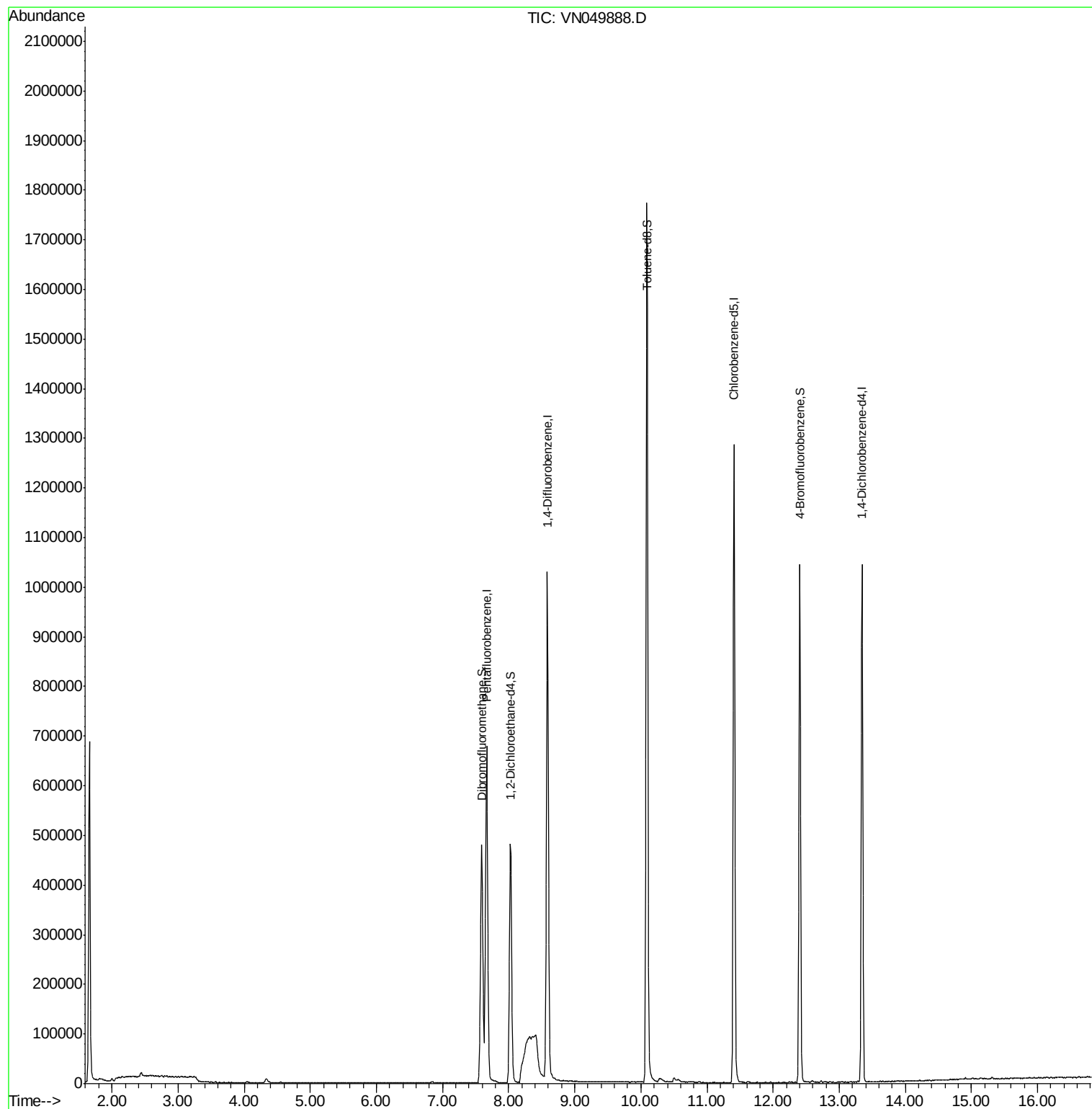
Target Compounds	Qvalue

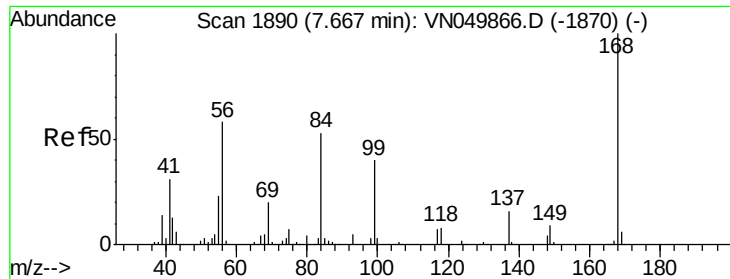
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 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: VN049888.D

Acq: 18 Jul 2018 22:49

Instrument :

MSVOA_N

ClientSampled :

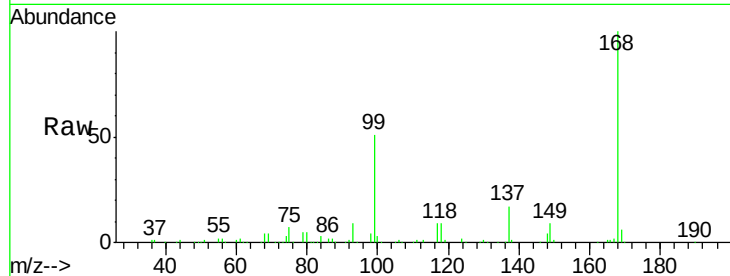
VN0718WBL02

Tot Ion:168 Resp: 575148

Ion Ratio Lower Upper

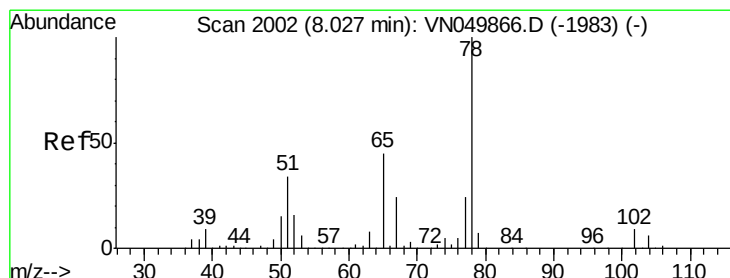
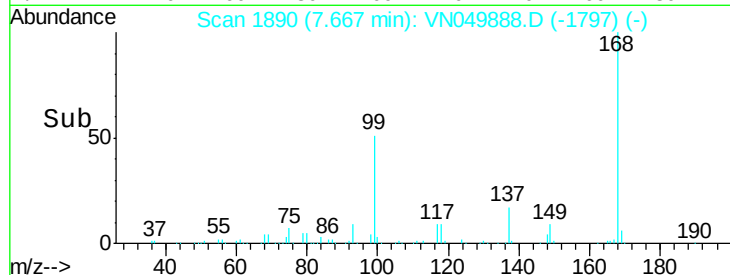
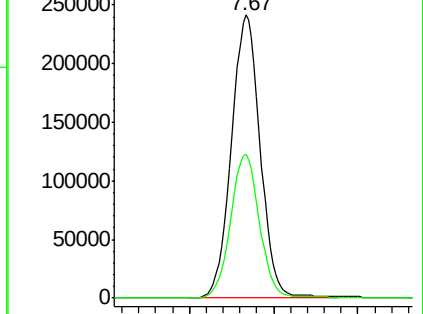
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 52.22 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049888.D

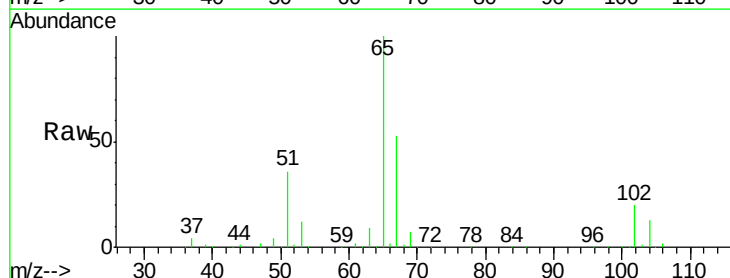
Acq: 18 Jul 2018 22:49

Tgt Ion: 65 Resp: 412839

Ion Ratio Lower Upper

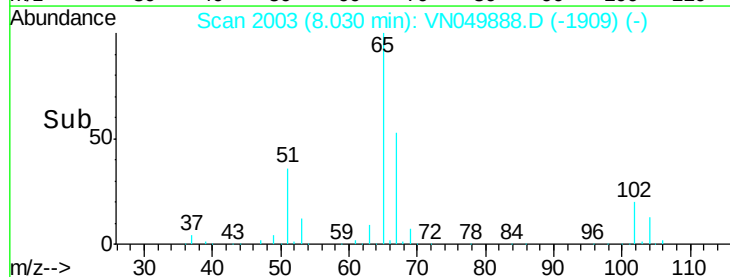
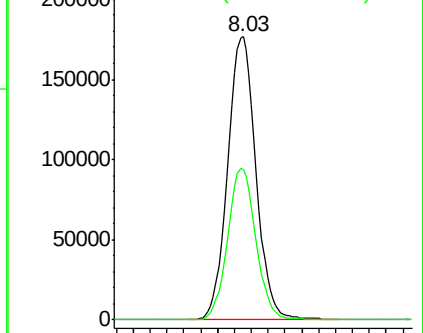
65 100

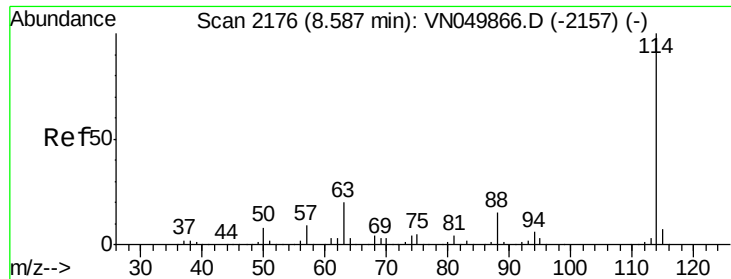
67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049888.D

Acq: 18 Jul 2018 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBL02

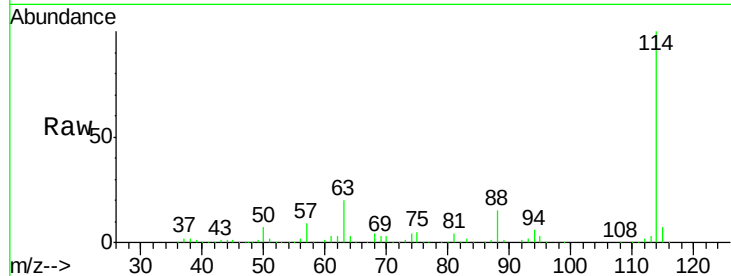
Tot Ion:114 Resp: 943989

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

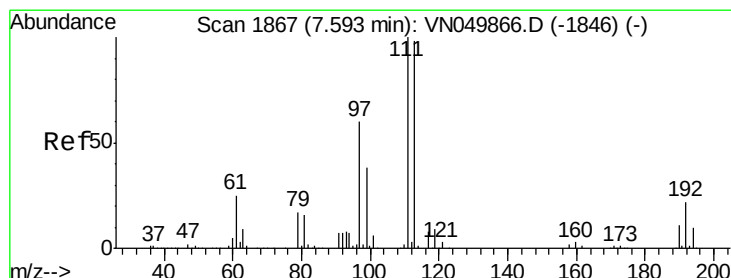
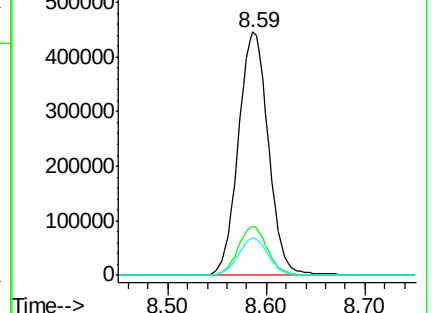
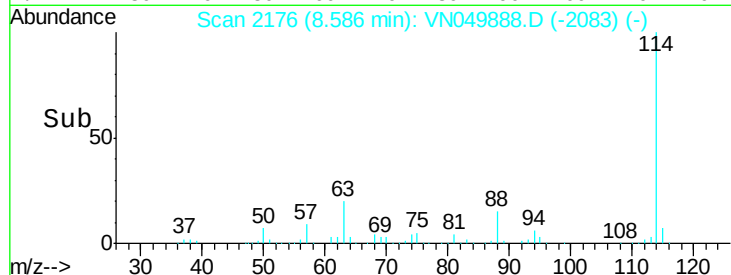
88 15.5 0.0 30.6



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: 45.95 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049888.D

Acq: 18 Jul 2018 22:49

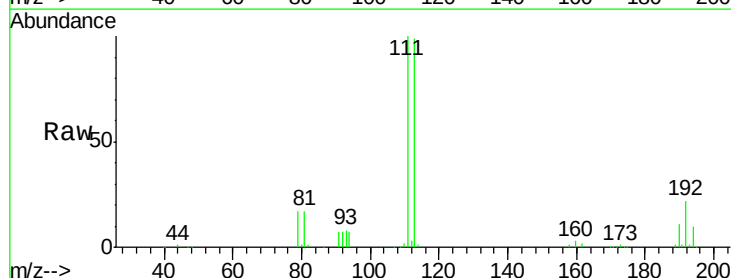
Tgt Ion:113 Resp: 364154

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

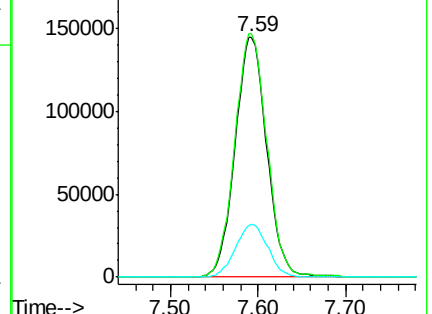
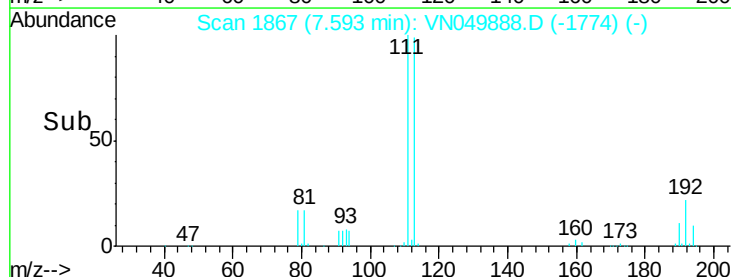
192 22.5 17.8 26.6

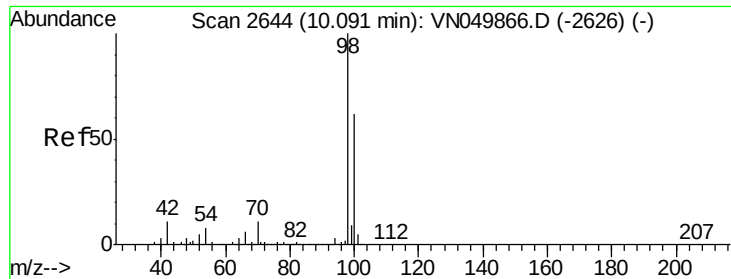


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

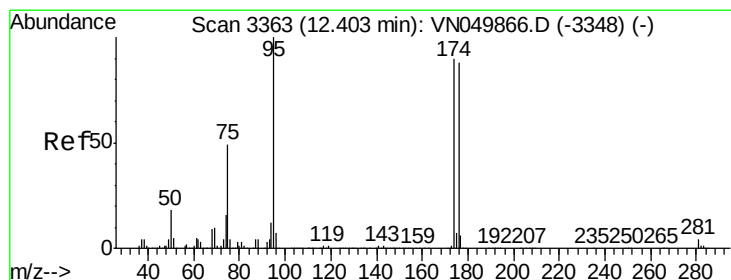
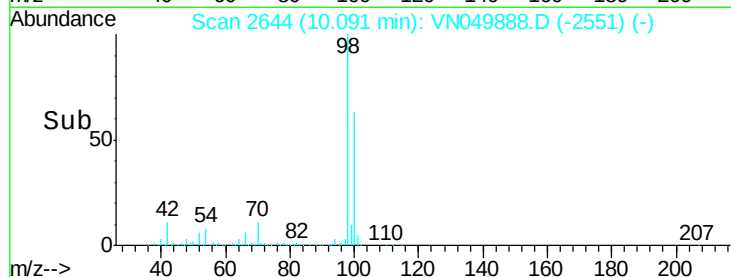
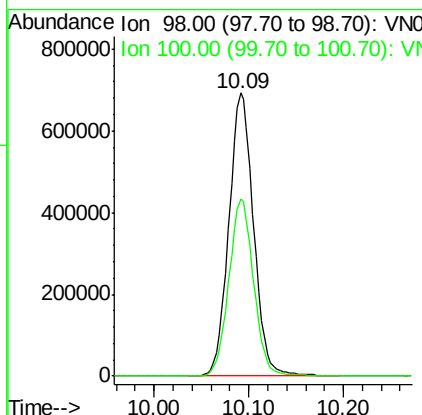
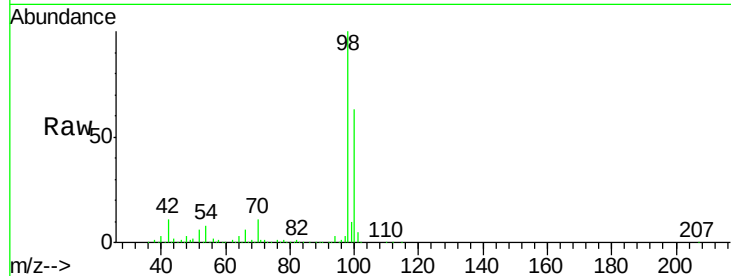




#50
Toluene-d8
Concen: 43.49 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049888.D
Acq: 18 Jul 2018 22:49

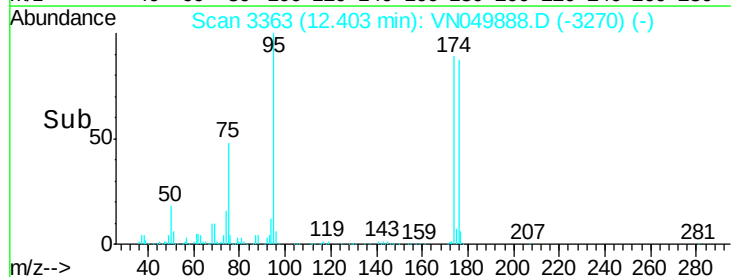
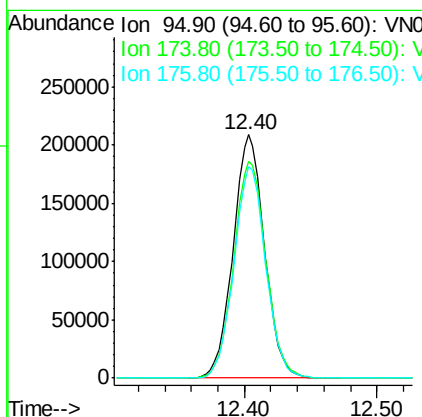
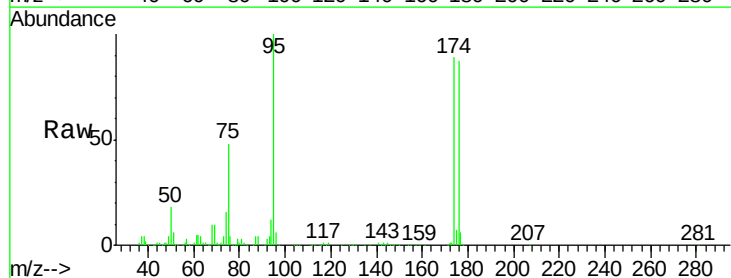
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL02

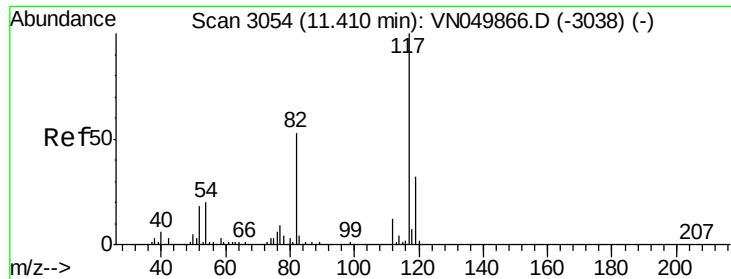
Tot Ion: 98 Resp: 1255688
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.46 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049888.D
Acq: 18 Jul 2018 22:49

Tgt Ion: 95 Resp: 342658
Ion Ratio Lower Upper
95 100
174 92.0 0.0 179.6
176 88.0 0.0 174.0

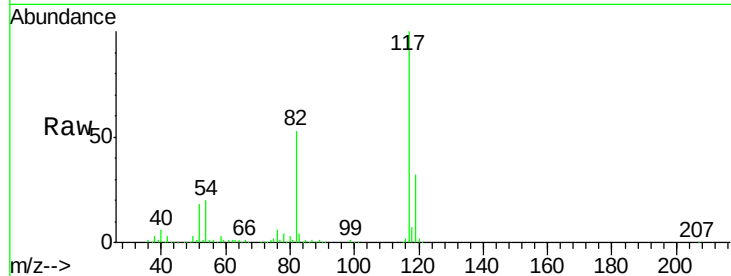




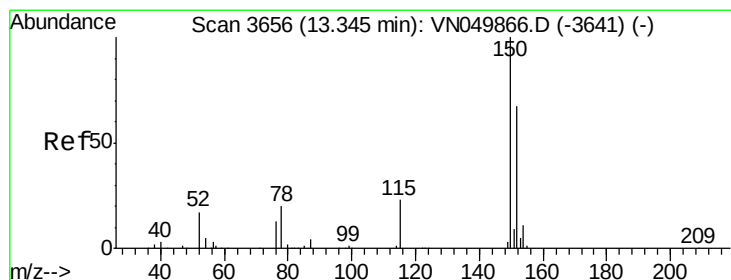
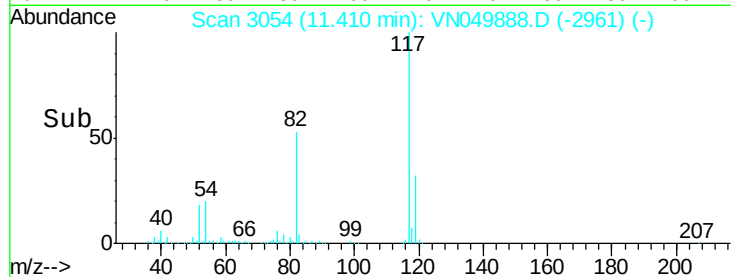
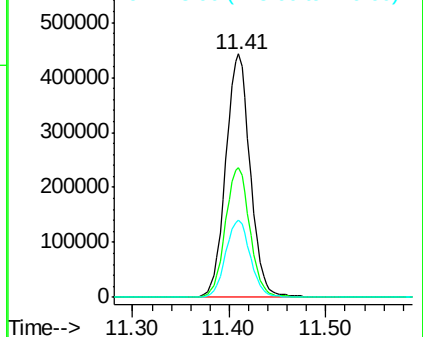
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049888.D
Acq: 18 Jul 2018 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL02

Tot Ion:117 Resp: 775557
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 31.8 25.4 38.2

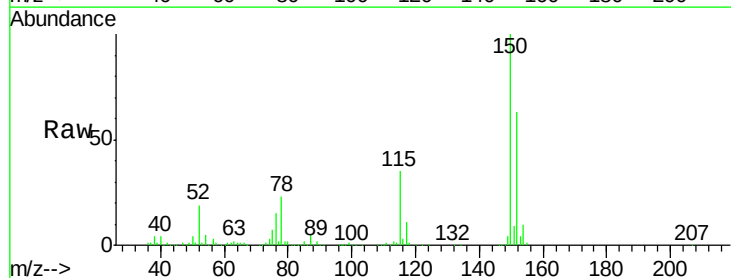


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049888.D
Acq: 18 Jul 2018 22:49

Tgt Ion:152 Resp: 297537
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 156.4 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

