

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049748.D
 Acq On : 6 Jul 2018 19:13
 Operator : MD\SY
 Sample : J3869-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-1

Quant Time: Jul 09 09:15:21 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	1495242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2523475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2099172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	746935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1056487	53.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.00%	
35) Dibromofluoromethane	7.59	113	875215	46.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	3366254	45.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.40	95	976260	38.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.44%	

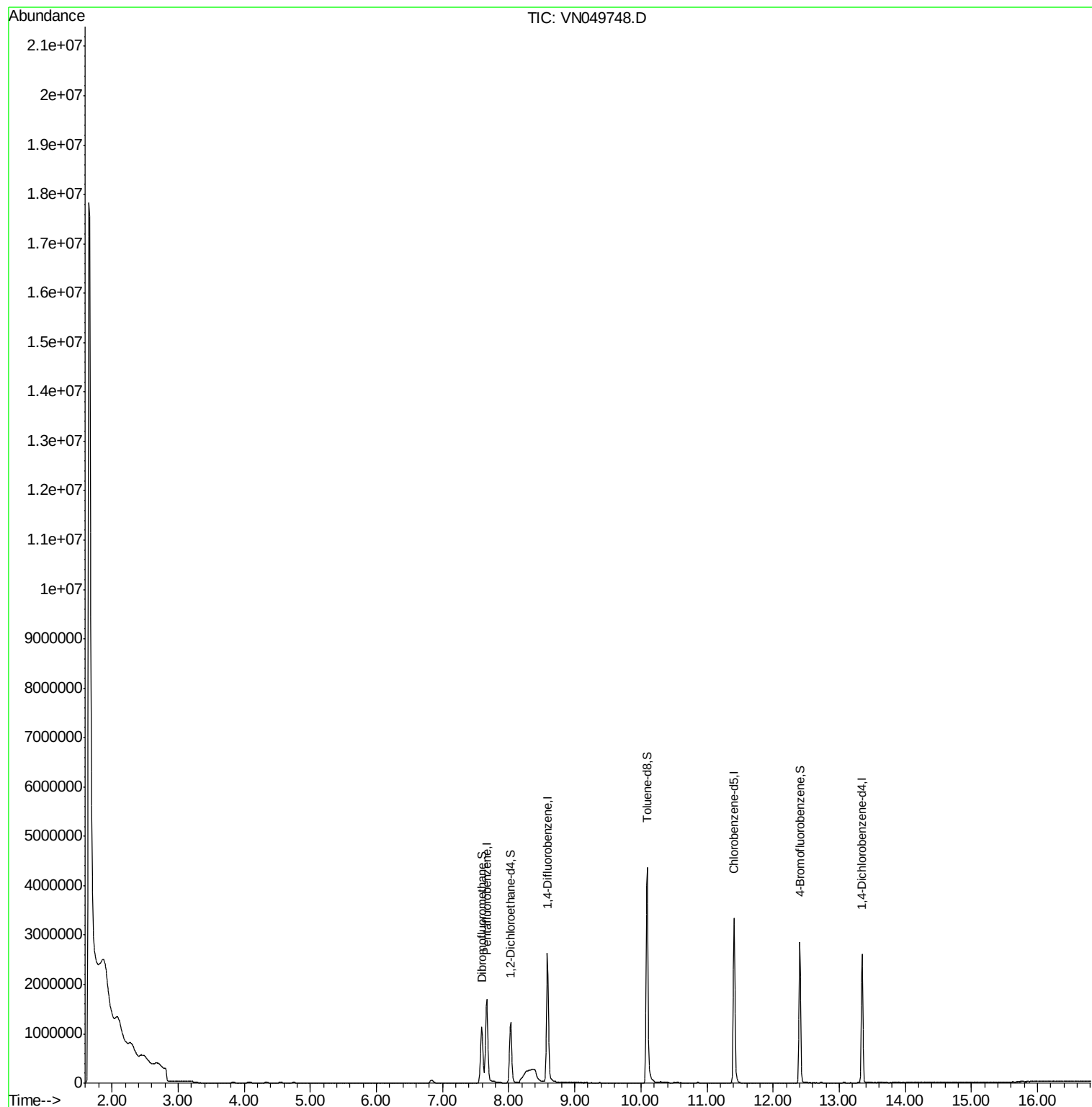
Target Compounds	Qvalue
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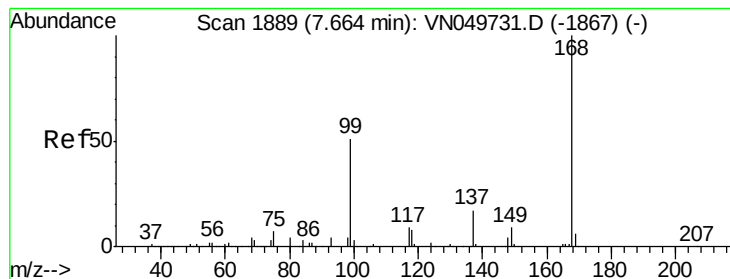
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 30 00:55:30 2018
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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: VN049748.D

Acq: 6 Jul 2018 19:13

Instrument :

MSVOA_N

ClientSampled :

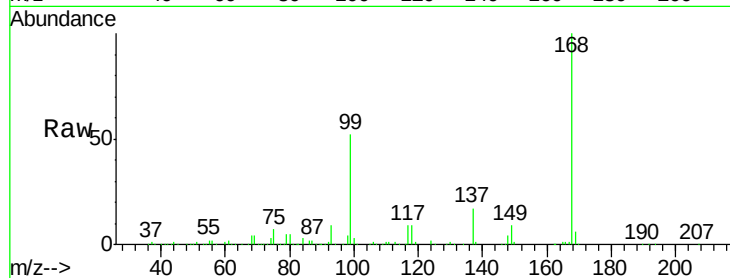
TB-1

Tot Ion:168 Resp: 1495242

Ion Ratio Lower Upper

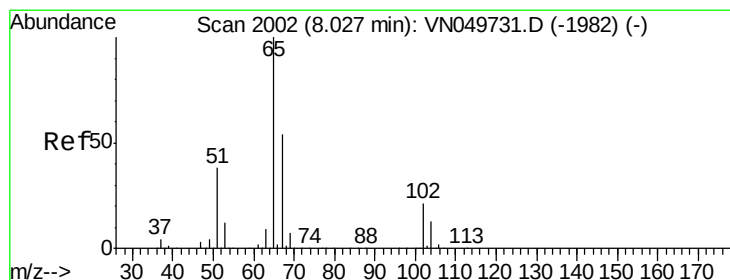
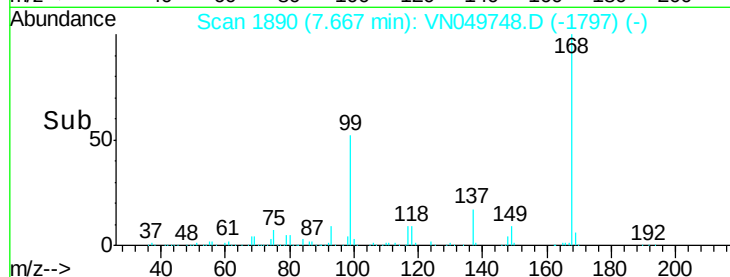
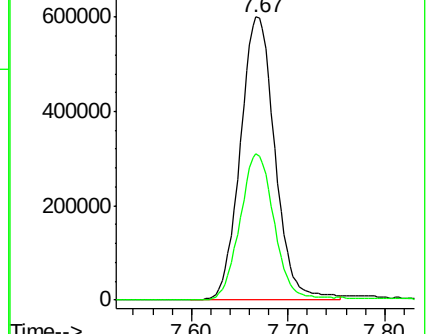
168 100

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): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.504 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049748.D

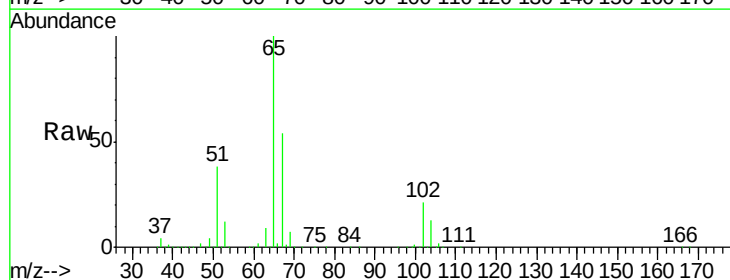
Acq: 6 Jul 2018 19:13

Tgt Ion: 65 Resp: 1056487

Ion Ratio Lower Upper

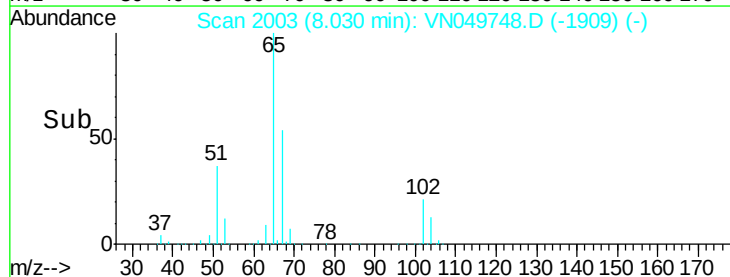
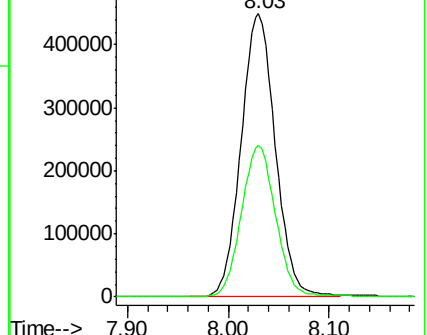
65 100

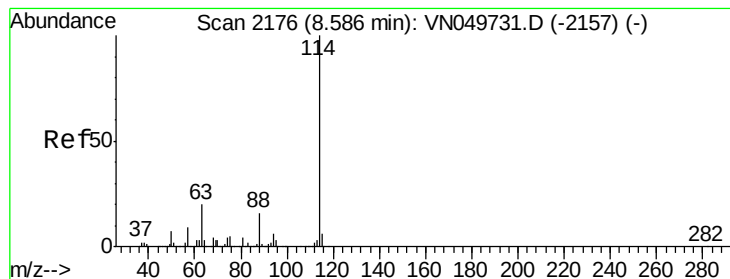
67 53.4 0.0 107.2



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# 2176

Delta R.T. -0.00 min

Lab File: VN049748.D

Acq: 6 Jul 2018 19:13

Instrument :

MSVOA_N

ClientSampleId :

TB-1

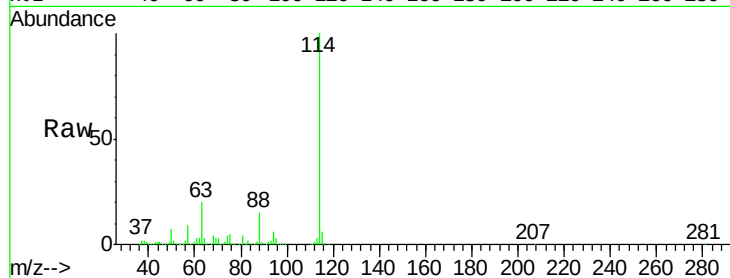
Tot Ion:114 Resp: 2523475

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

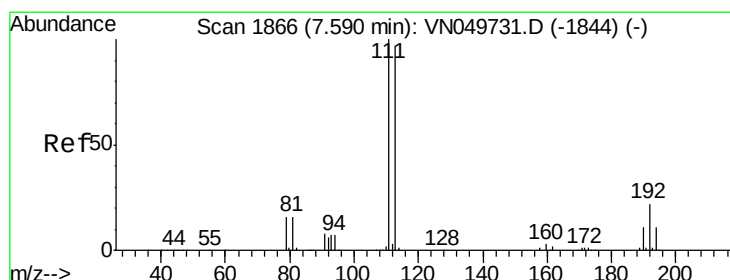
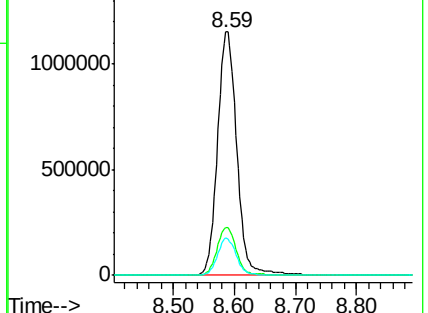
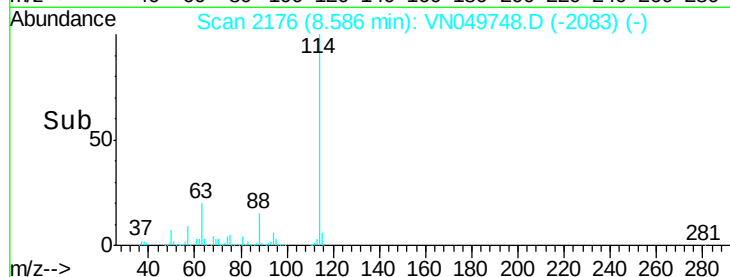
88 15.3 0.0 30.6



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: 46.392 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049748.D

Acq: 6 Jul 2018 19:13

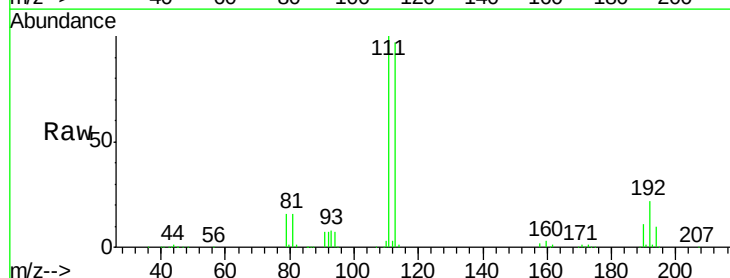
Tgt Ion:113 Resp: 875215

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

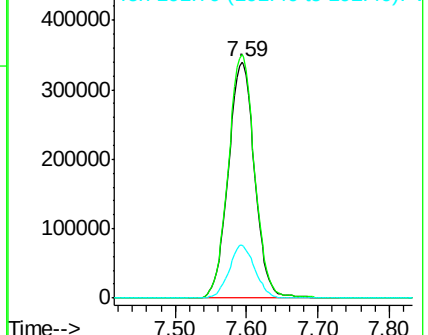
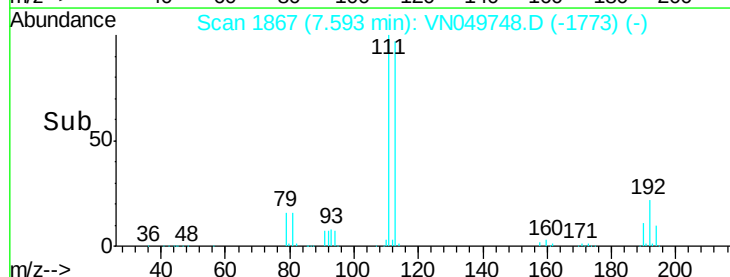
192 22.0 17.8 26.6

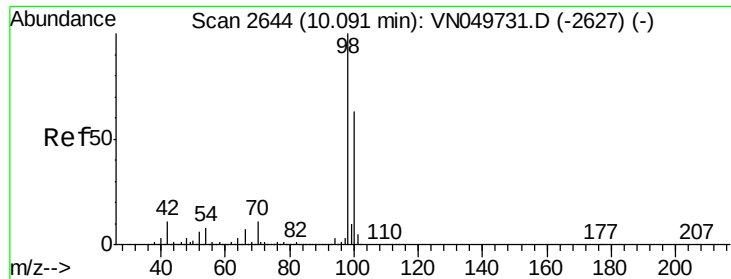


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.586 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049748.D

Acq: 6 Jul 2018 19:13

Instrument :

MSVOA_N

ClientSampled :

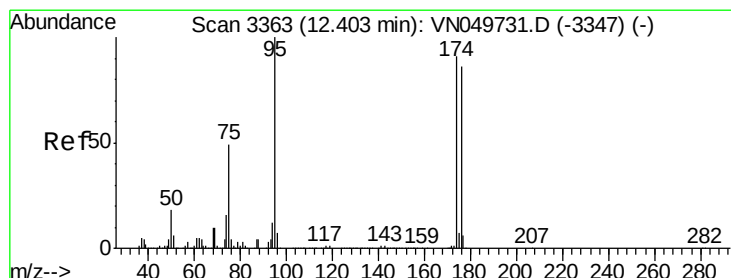
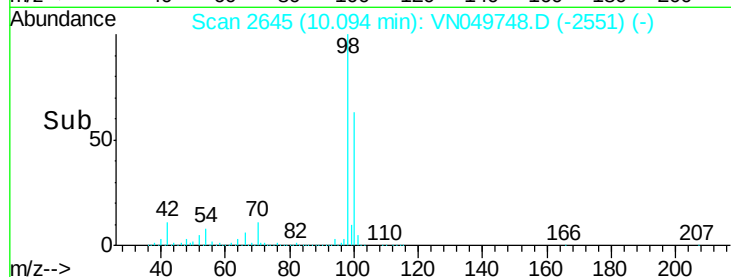
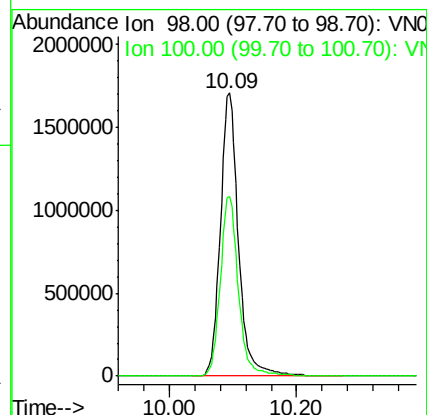
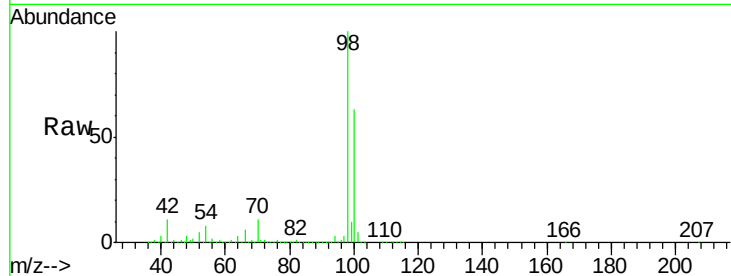
TB-1

Tot Ion: 98 Resp: 3366254

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.723 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049748.D

Acq: 6 Jul 2018 19:13

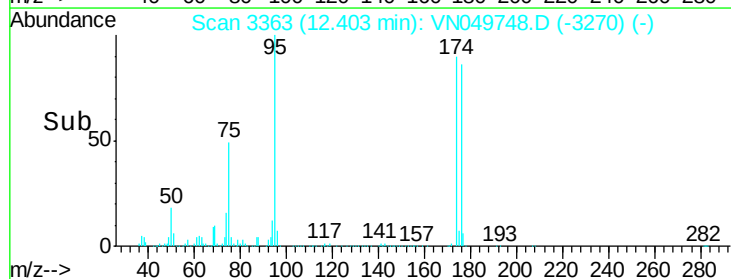
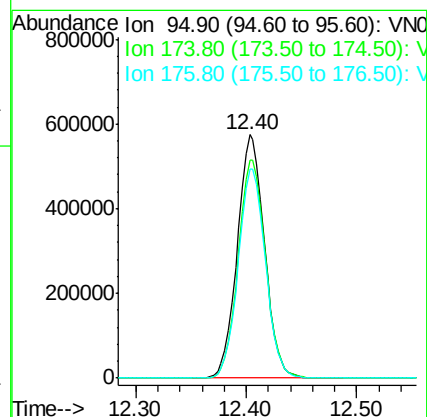
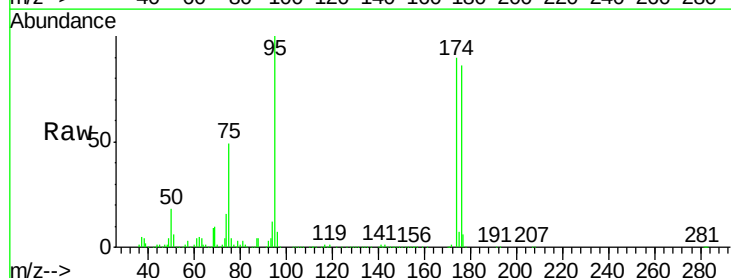
Tgt Ion: 95 Resp: 976260

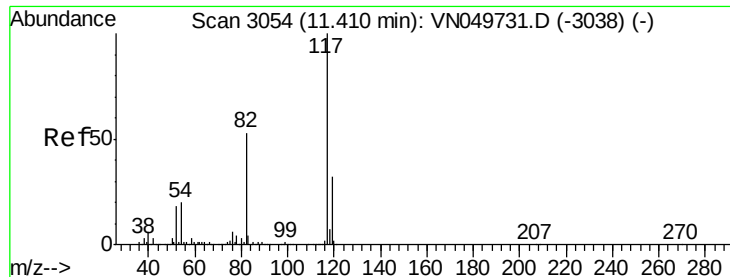
Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.6

176 86.5 0.0 174.0

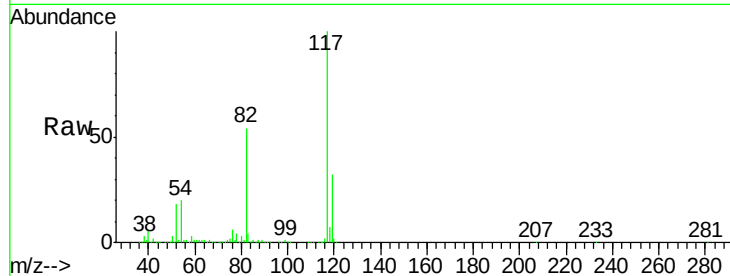




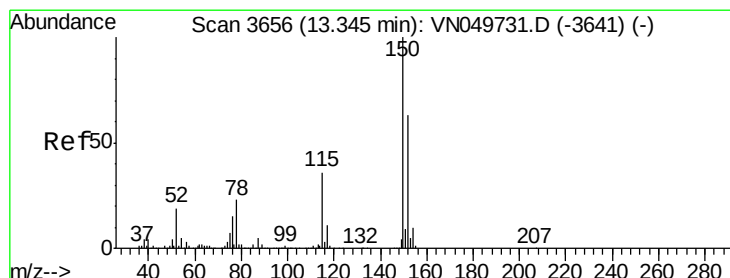
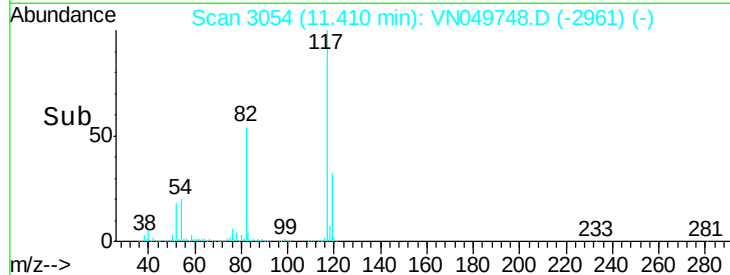
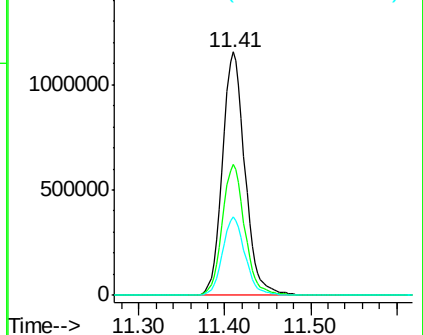
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049748.D
Acq: 6 Jul 2018 19:13

Instrument :
MSVOA_N
ClientSampled :
TB-1

Tot Ion:117 Resp: 2099172
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 32.1 25.4 38.2

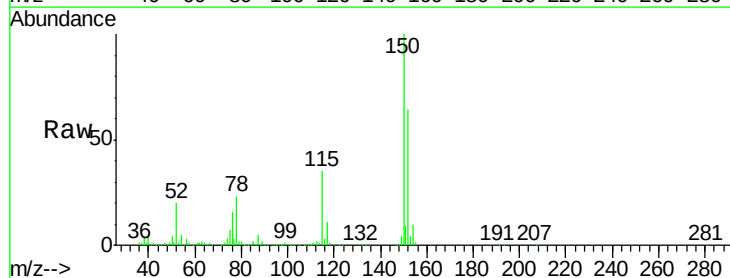


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049748.D
Acq: 6 Jul 2018 19:13

Tgt Ion:152 Resp: 746935
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.2
150 155.5 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

