

Data File : VN049650.D
Acq On : 30 Jun 2018 16:35
Operator : MD\SY
Sample : J3807-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

Quant Time: Jul 07 04:04:20 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	1392129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2199775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1856671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	681224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	904708	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.59	113	799732	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.09	98	2994252	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.40	95	855354	38.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.84%	

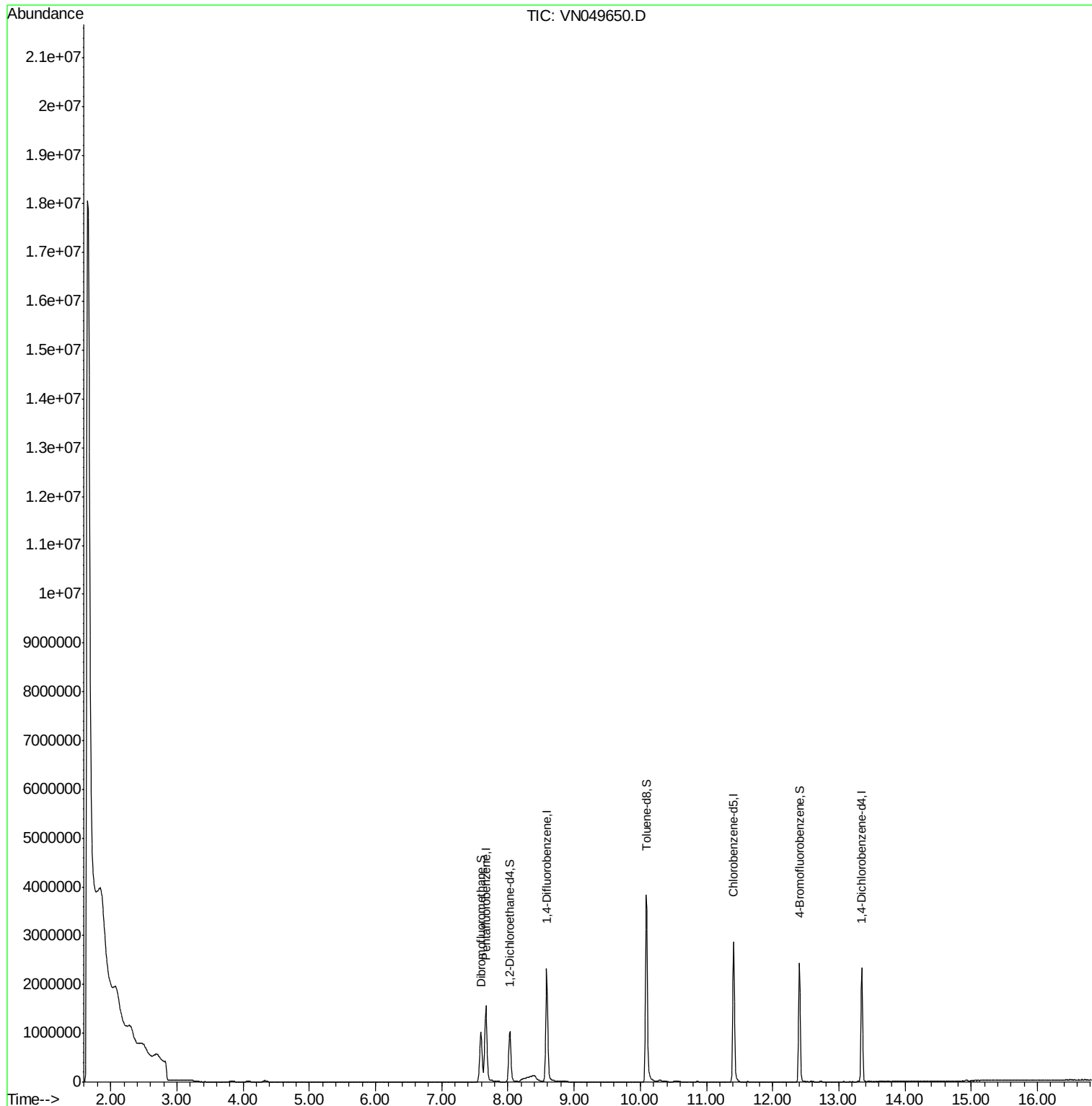
Target Compounds Qvalue

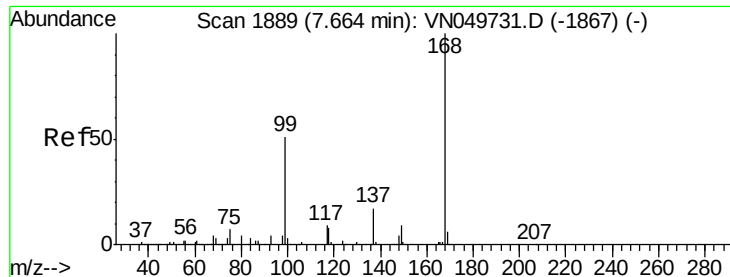
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

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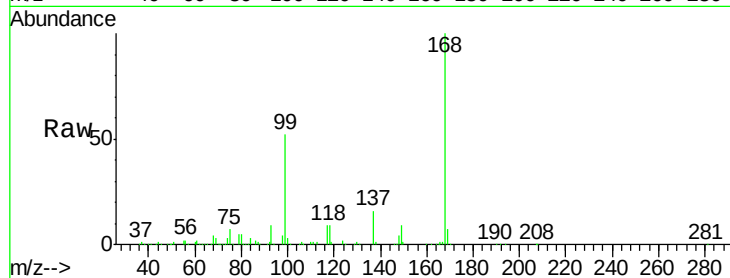
STORAGEBLANK-WATERREF-4

Tgt Ion:168 Resp: 1392129

Ion Ratio Lower Upper

168 100

99 51.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

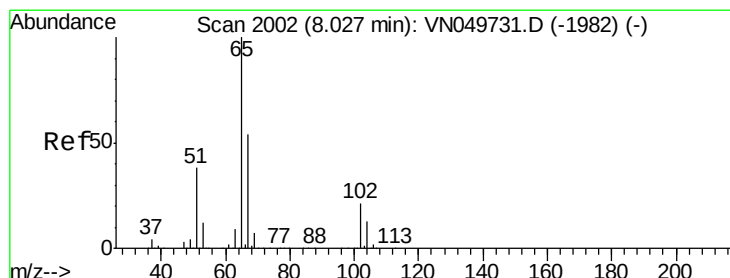
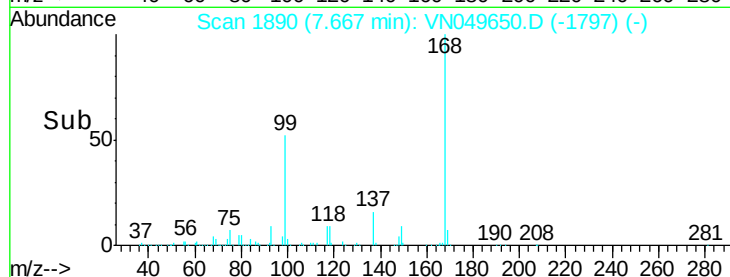
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.211 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049650.D

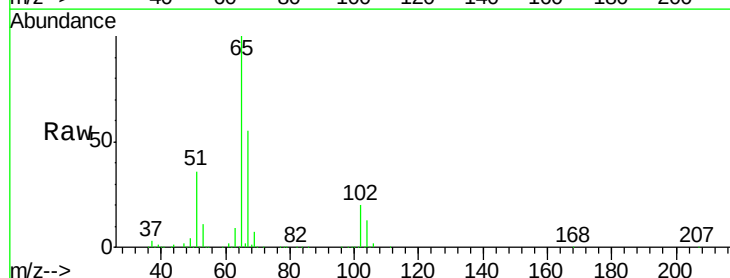
Acq: 30 Jun 2018 16:35

Tgt Ion: 65 Resp: 904708

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

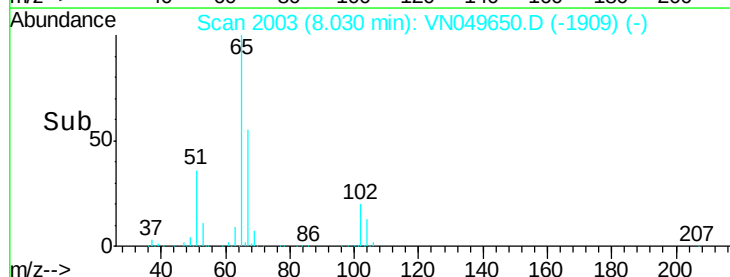
300000

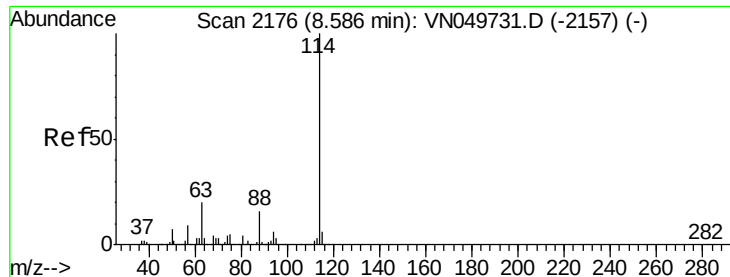
200000

100000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-WATERREF-4

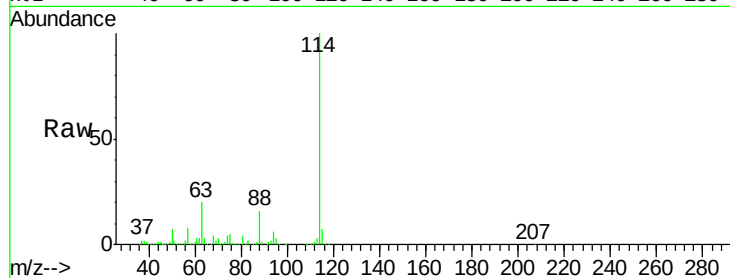
Tgt Ion:114 Resp: 2199775

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

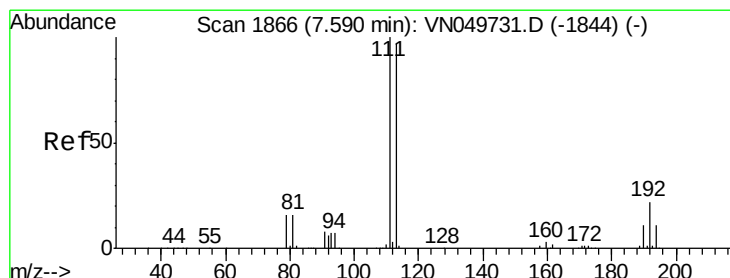
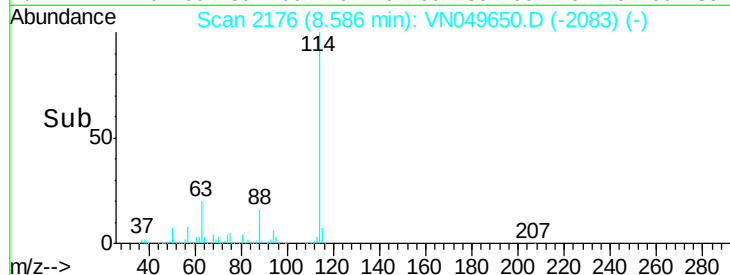
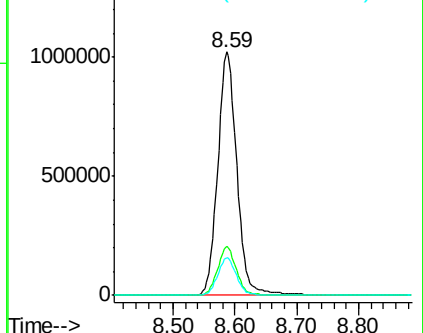
88 15.5 0.0 30.6



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: 48.629 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049650.D

Acq: 30 Jun 2018 16:35

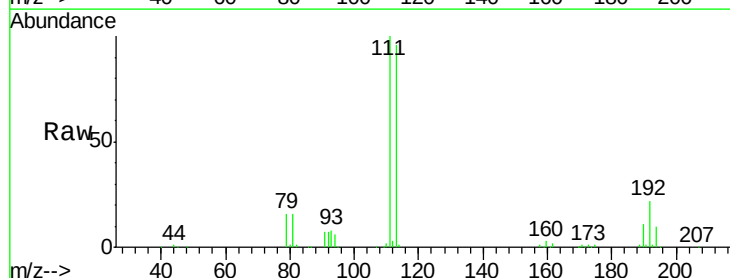
Tgt Ion:113 Resp: 799732

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

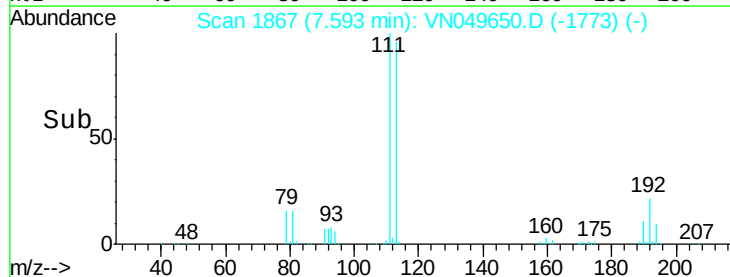
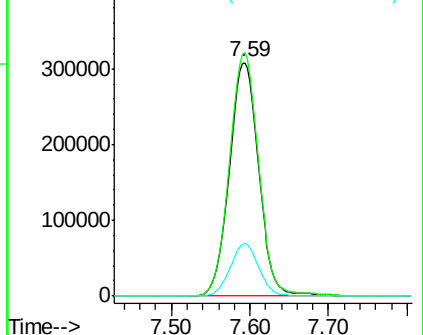
192 22.1 17.8 26.6

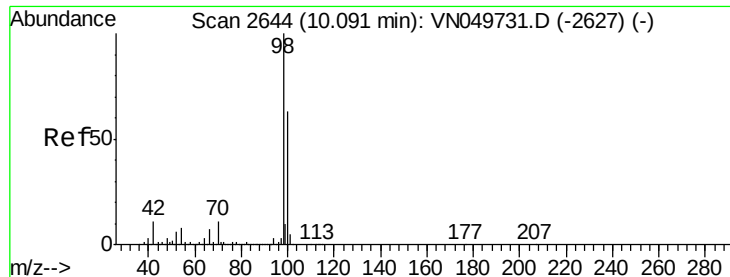


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.515 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

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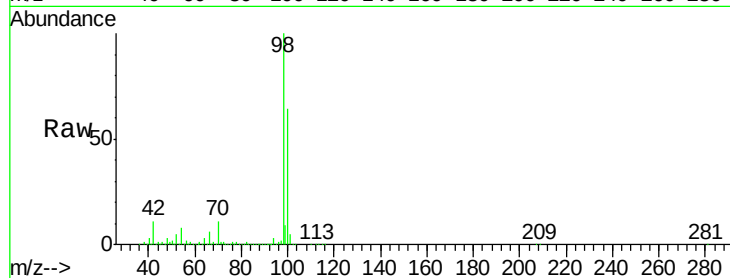
STORAGEBLANK-WATERREF-4

Tgt Ion: 98 Resp: 2994252

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049731.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049731.D (-2627) (-)

10.09

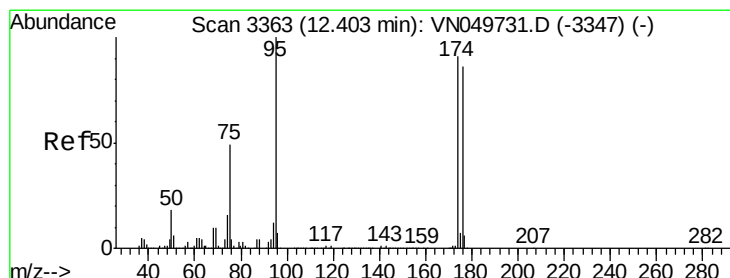
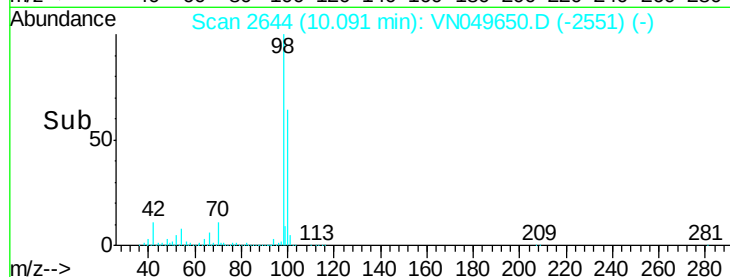
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.920 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049650.D

Acq: 30 Jun 2018 16:35

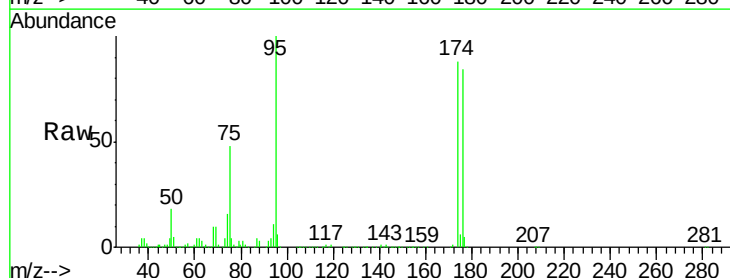
Tgt Ion: 95 Resp: 855354

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.6

176 86.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049731.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049731.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049731.D (-3347) (-)

12.40

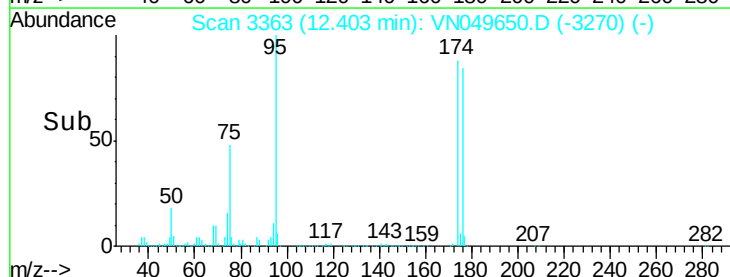
600000

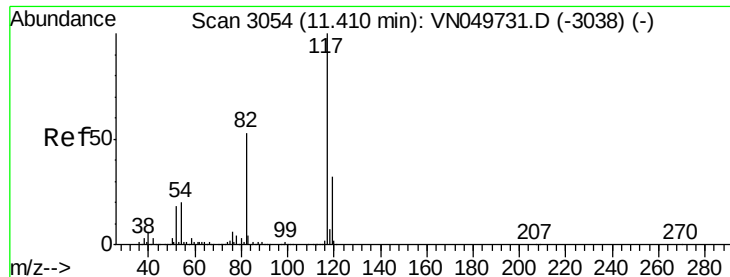
400000

200000

0

Time-->

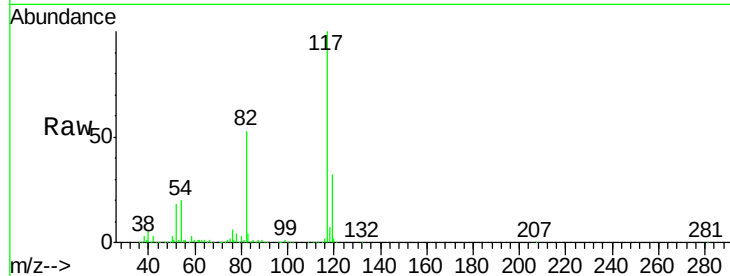




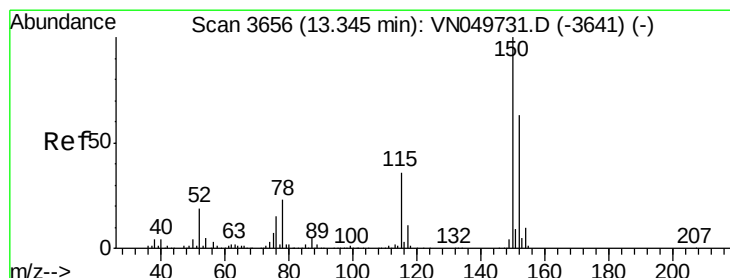
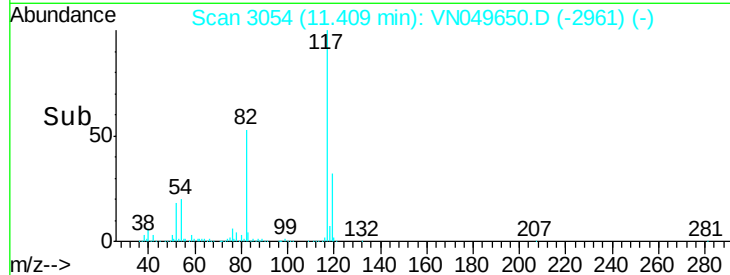
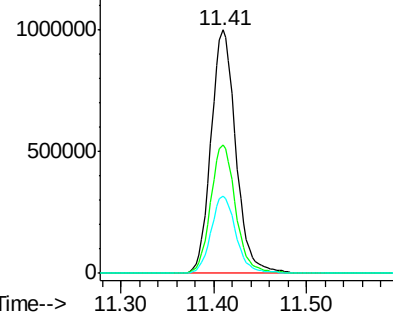
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049650.D
Acq: 30 Jun 2018 16:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tgt Ion:117 Resp: 1856671
Ion Ratio Lower Upper
117 100
82 52.8 41.9 62.9
119 31.9 25.4 38.2

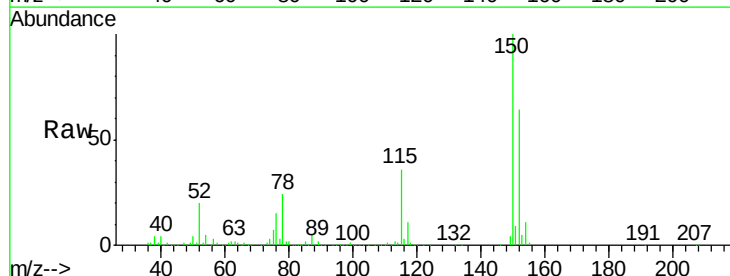


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049650.D
Acq: 30 Jun 2018 16:35

Tgt Ion:152 Resp: 681224
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.2
150 156.1 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

