

Data File : VN049648.D
Acq On : 30 Jun 2018 15:44
Operator : MD\SY
Sample : J3807-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-6

Quant Time: Jul 07 04:00:03 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	1336957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2166081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1802654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657167	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	886524	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.59	113	784142	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.09	98	2922800	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	12.40	95	833019	38.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.98%	

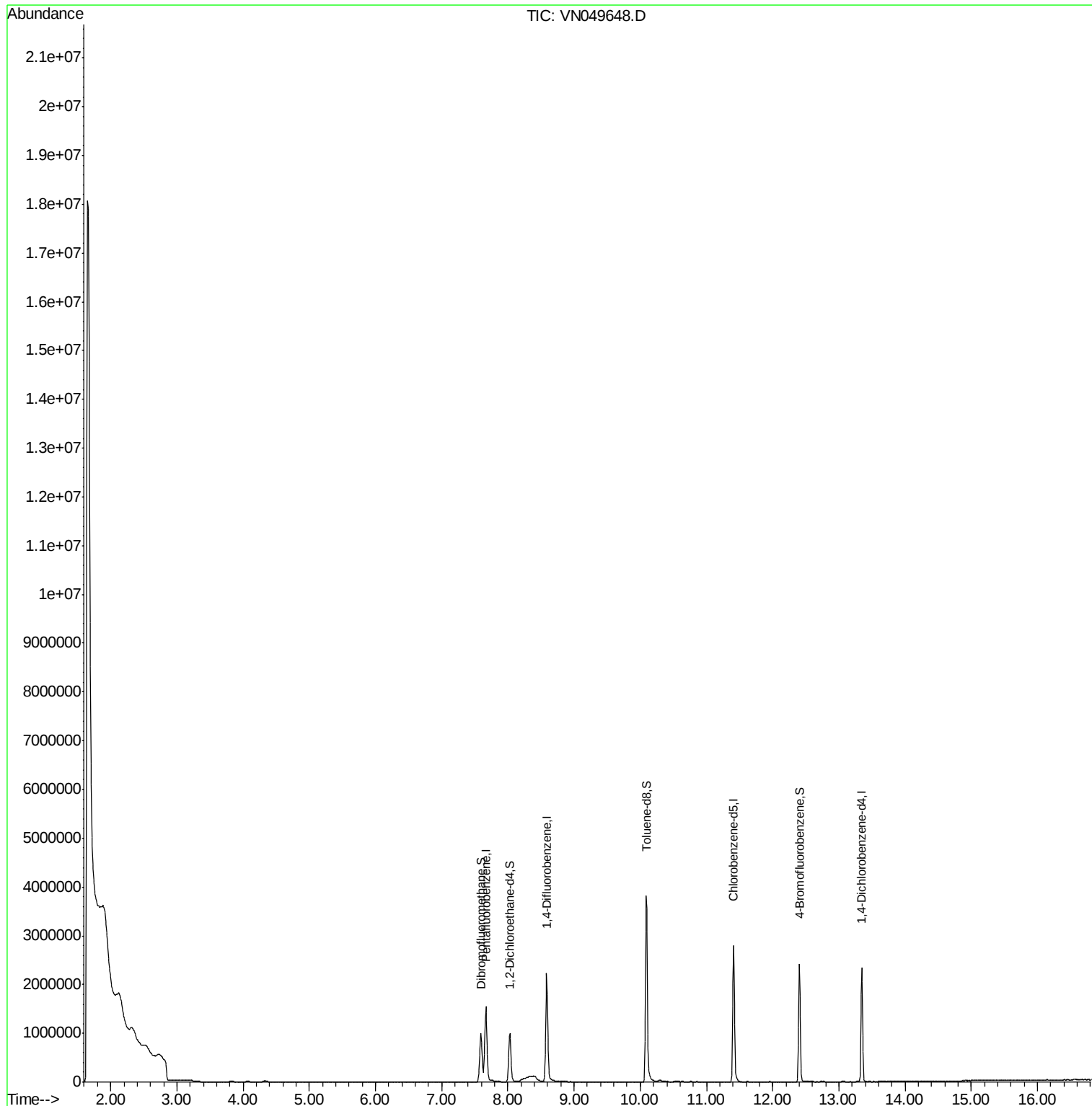
Target Compounds Qvalue

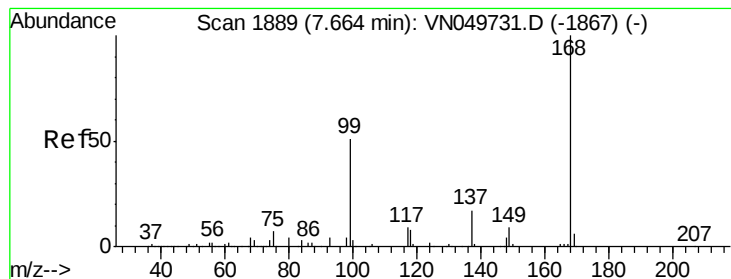
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_N

ClientSampleId :

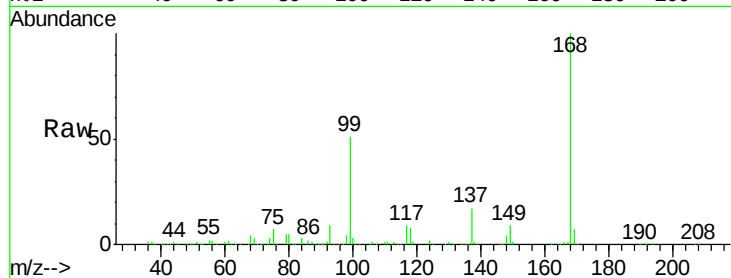
STORAGEBLANK-SOILREF-6

Tgt Ion:168 Resp: 1336957

Ion Ratio Lower Upper

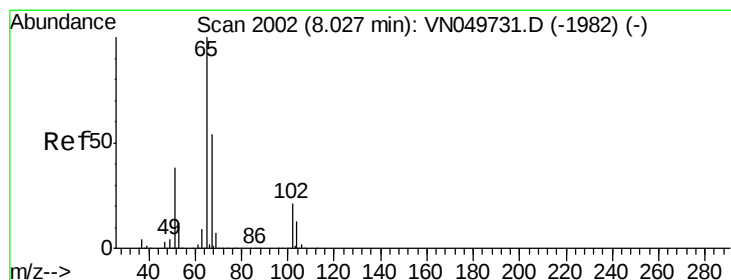
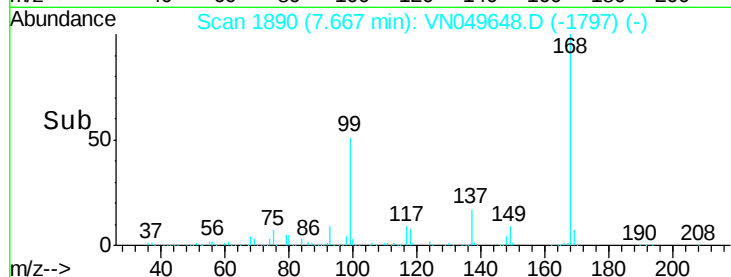
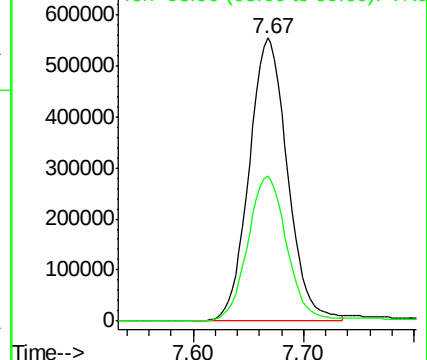
168 100

99 51.2 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: 50.212 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049648.D

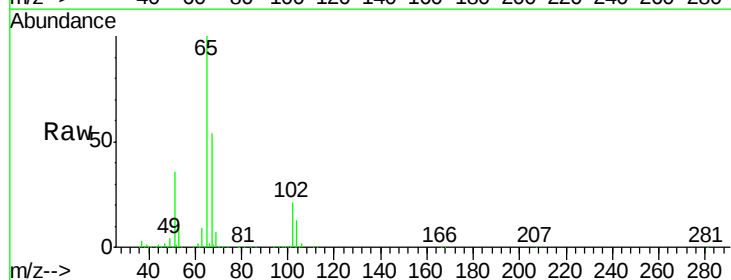
Acq: 30 Jun 2018 15:44

Tgt Ion: 65 Resp: 886524

Ion Ratio Lower Upper

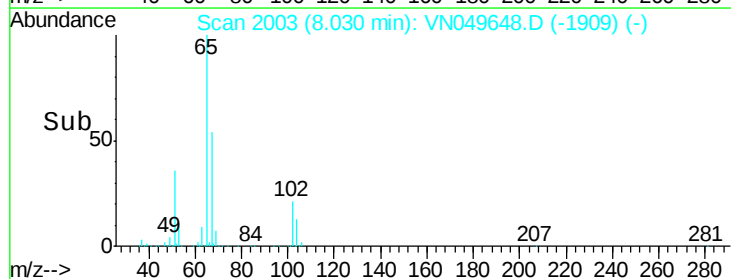
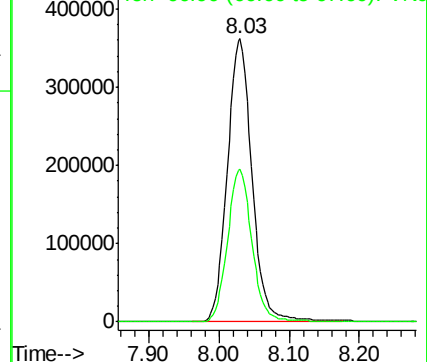
65 100

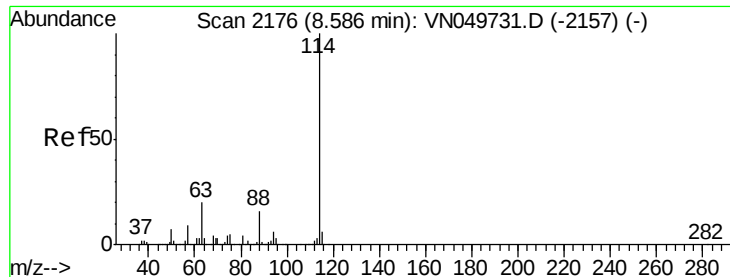
67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

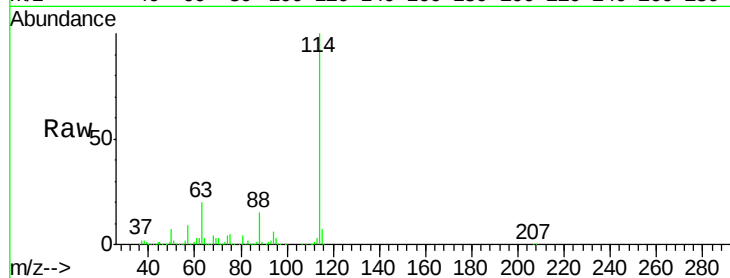




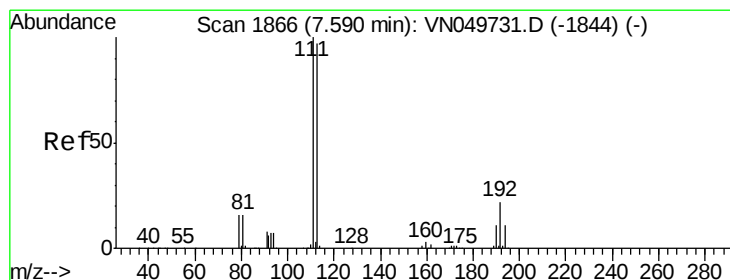
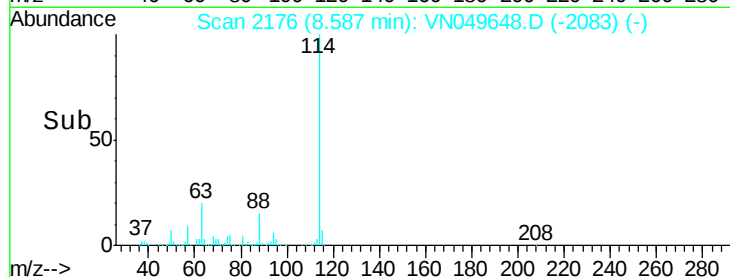
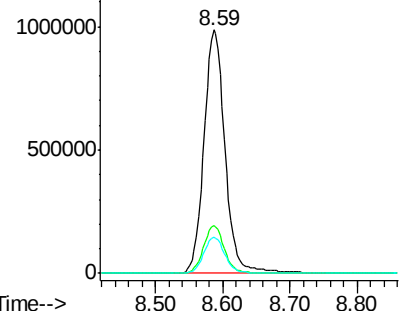
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049648.D
 Acq: 30 Jun 2018 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Tgt Ion:114 Resp: 2166081
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 14.8 0.0 30.6

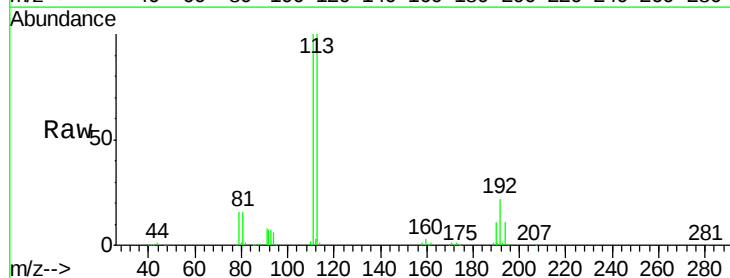


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

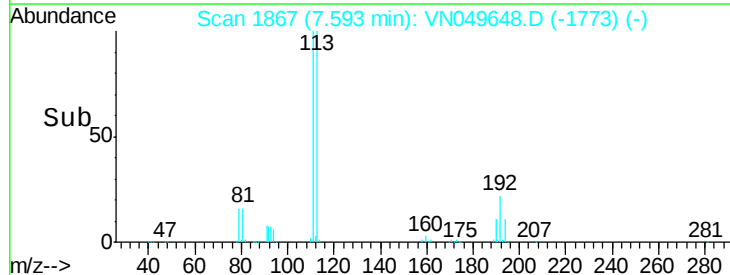
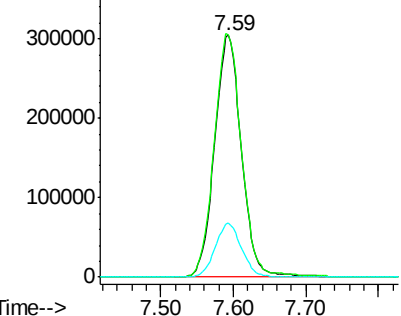


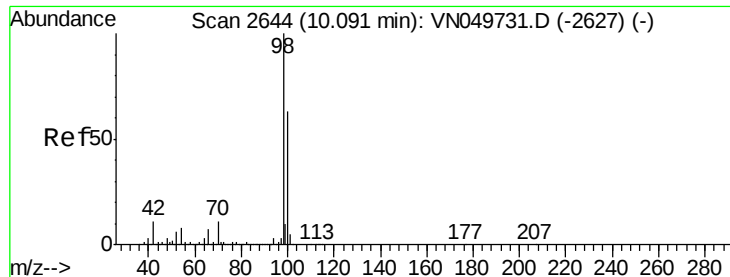
#35
 Dibromofluoromethane
 Concen: 48.423 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049648.D
 Acq: 30 Jun 2018 15:44

Tgt Ion:113 Resp: 784142
 Ion Ratio Lower Upper
 113 100
 111 101.4 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: 46.111 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049648.D

Acq: 30 Jun 2018 15:44

Instrument :

MSVOA_N

ClientSampleId :

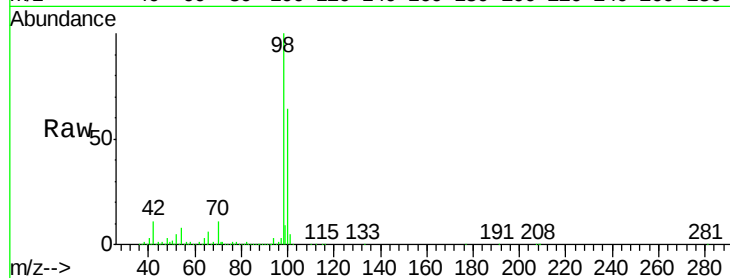
STORAGEBLANK-SOILREF-6

Tgt Ion: 98 Resp: 2922800

Ion Ratio Lower Upper

98 100

100 63.9 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

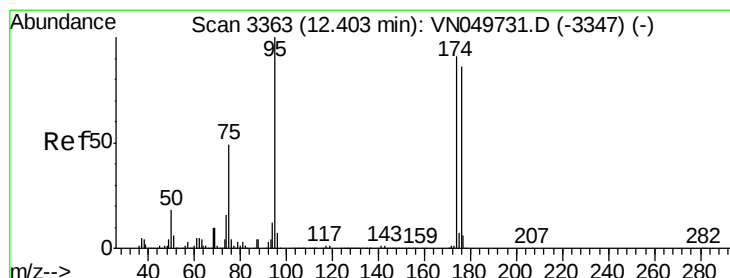
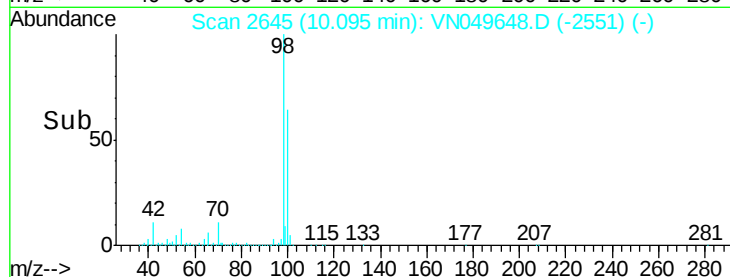
1000000

500000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 38.493 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049648.D

Acq: 30 Jun 2018 15:44

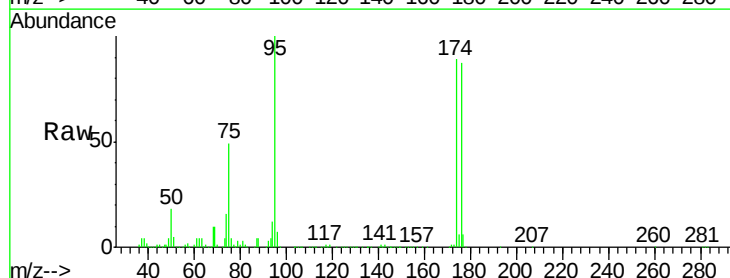
Tgt Ion: 95 Resp: 833019

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.6

176 86.1 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

500000

400000

300000

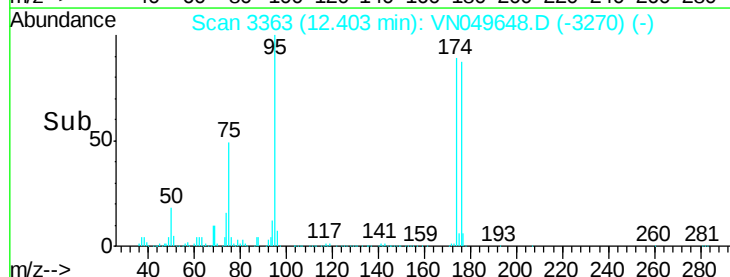
200000

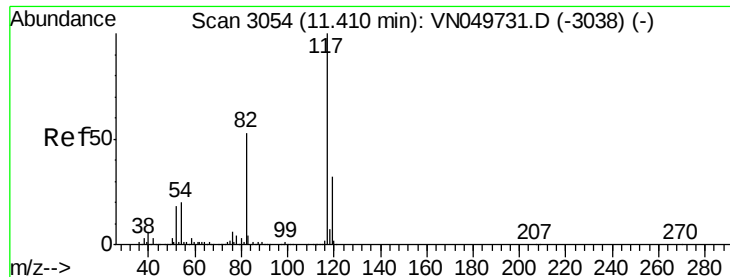
100000

0

Time-->

12.30 12.40 12.50

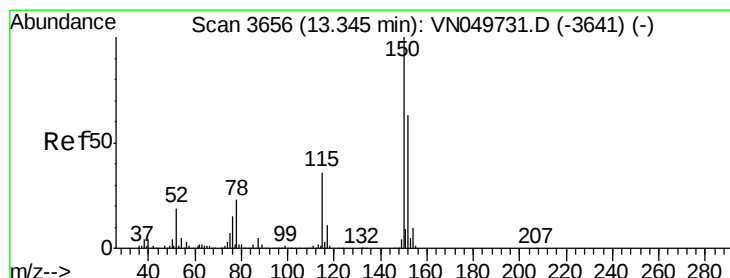
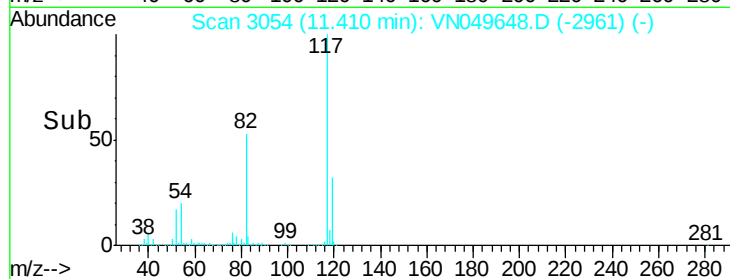
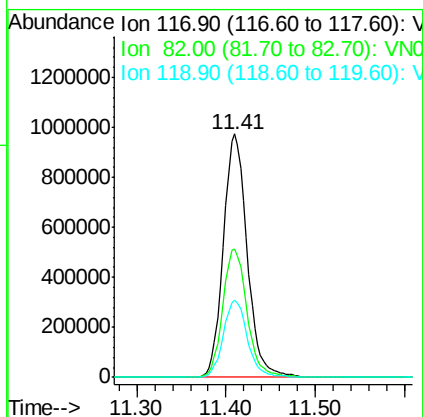
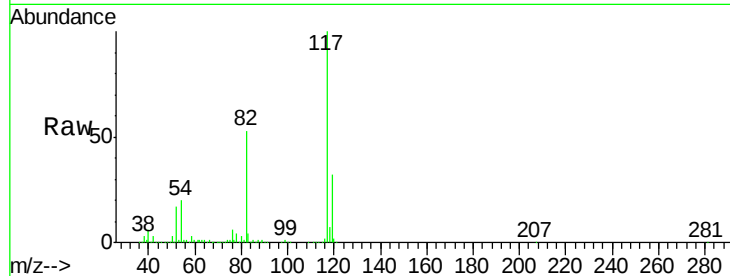




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049648.D
Acq: 30 Jun 2018 15:44

Instrument :
MSVOA_N
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STORAGEBLANK-SOILREF-6

Tgt Ion:117 Resp: 1802654
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049648.D
Acq: 30 Jun 2018 15:44

Tgt Ion:152 Resp: 657167
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 155.7 0.0 347.6

