

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049900.D
 Acq On : 19 Jul 2018 4:01
 Operator : MD\SY
 Sample : J4018-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-3-4

Quant Time: Jul 19 16:10:36 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

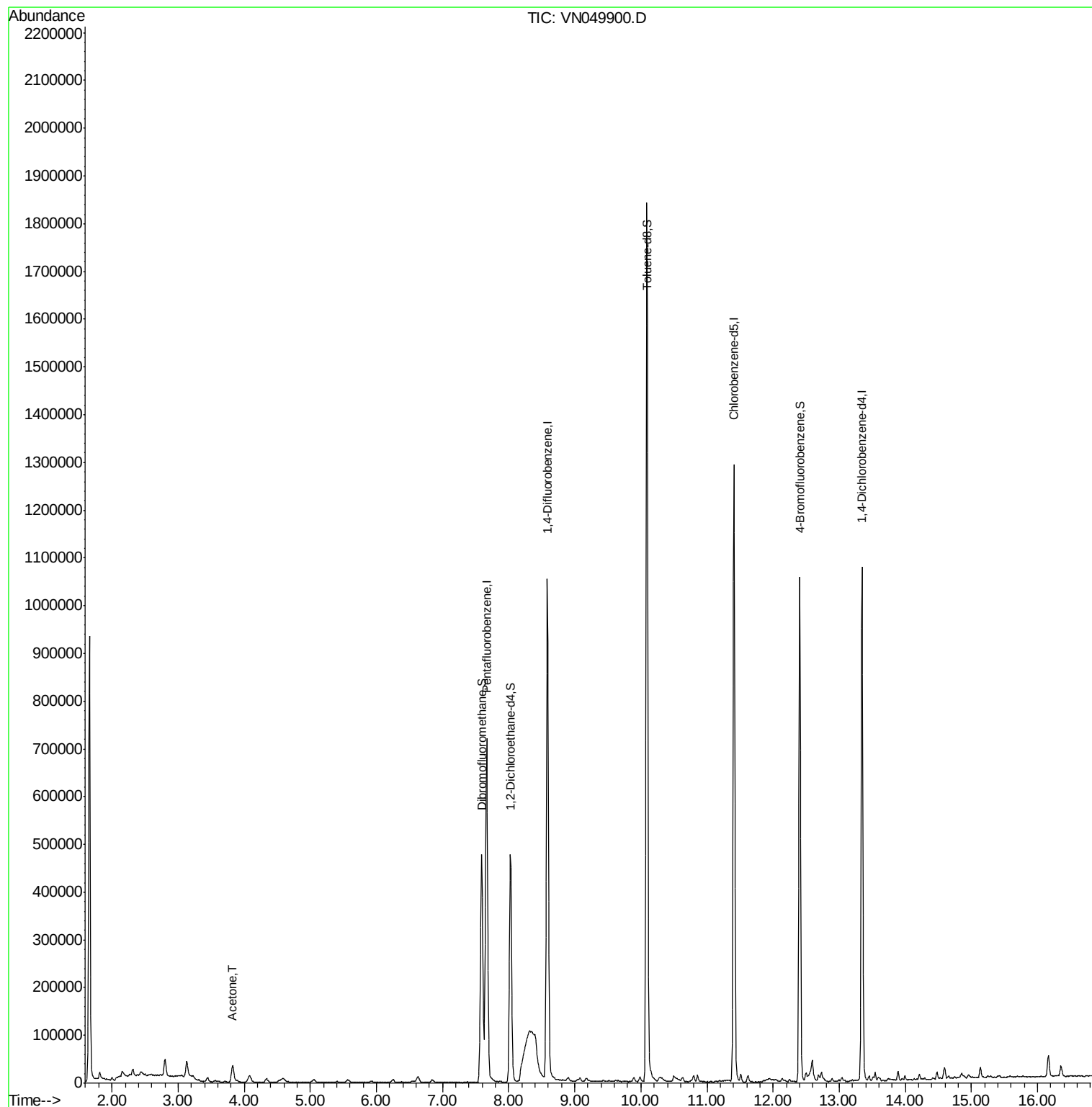
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	603979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	790198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	412951	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.59	113	366616	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
50) Toluene-d8	10.09	98	1307706	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
62) 4-Bromofluorobenzene	12.40	95	354834	34.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.06%	
Target Compounds						
16) Acetone	3.82	43	62622	29.14	ug/l	Qvalue 96

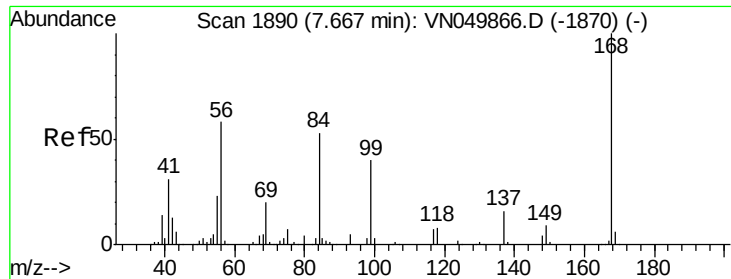
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049900.D

Acq: 19 Jul 2018 4:01

Instrument :

MSVOA_N

ClientSampleId :

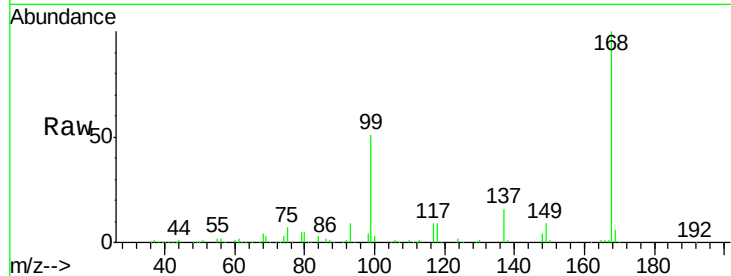
DRUM-3-4

Tot Ion:168 Resp: 603979

Ion Ratio Lower Upper

168 100

99 51.3 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

250000

200000

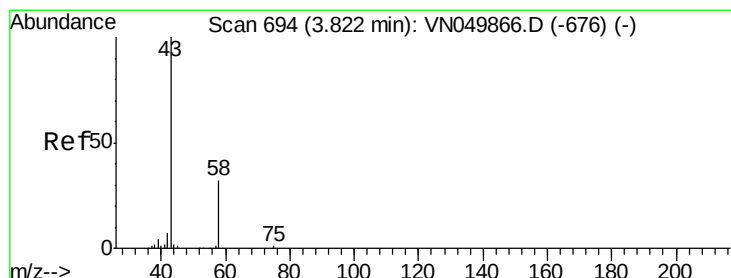
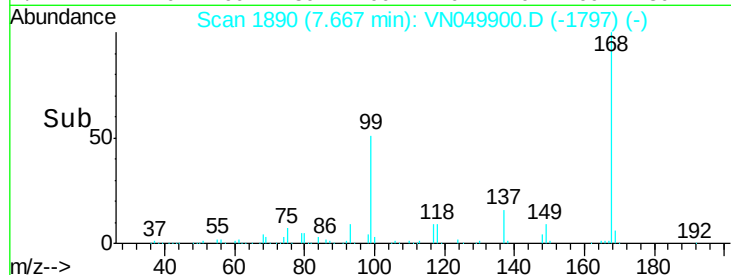
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 29.14 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049900.D

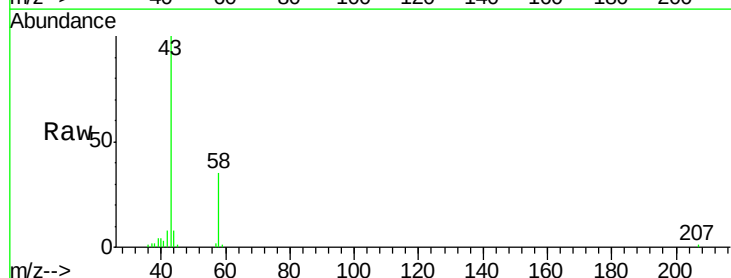
Acq: 19 Jul 2018 4:01

Tgt Ion: 43 Resp: 62622

Ion Ratio Lower Upper

43 100

58 34.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

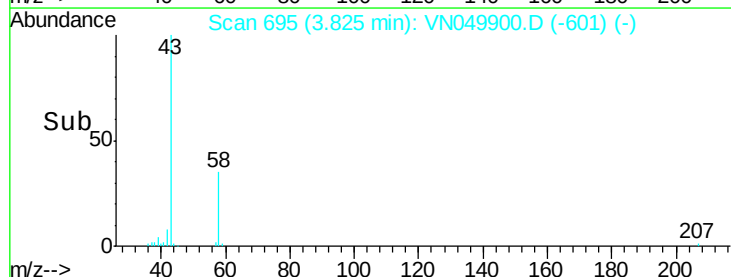
15000

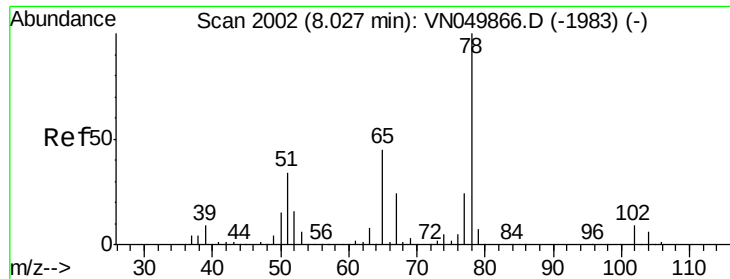
10000

5000

0

Time-->

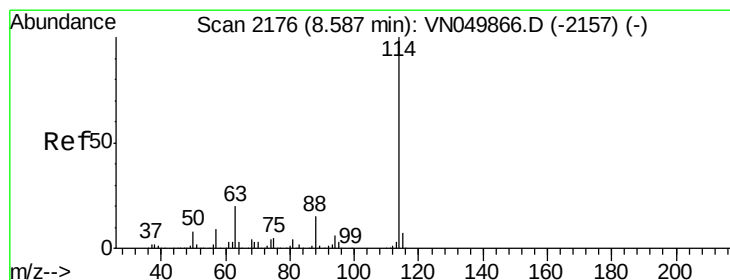
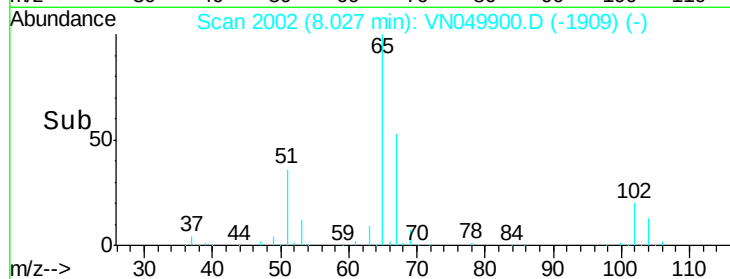
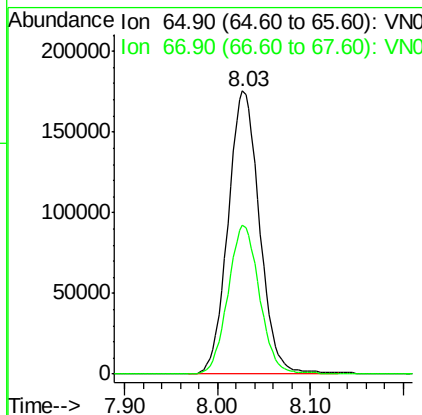
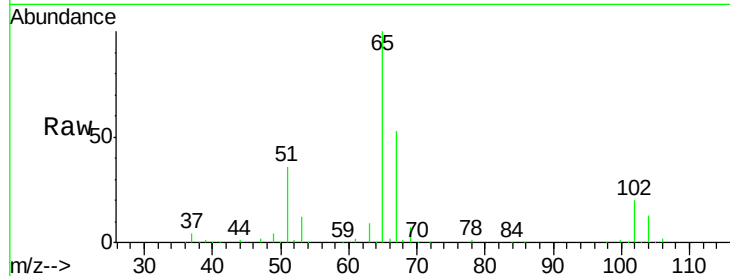




#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049900.D
 Acq: 19 Jul 2018 4:01

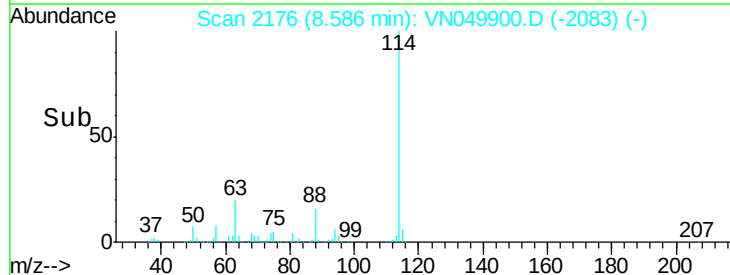
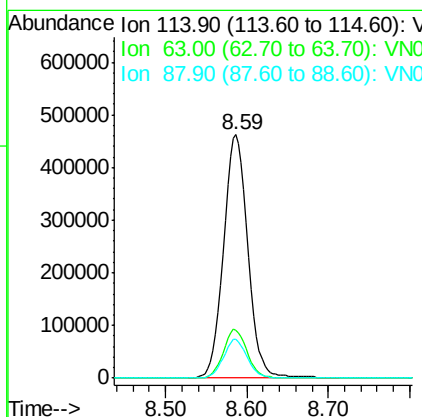
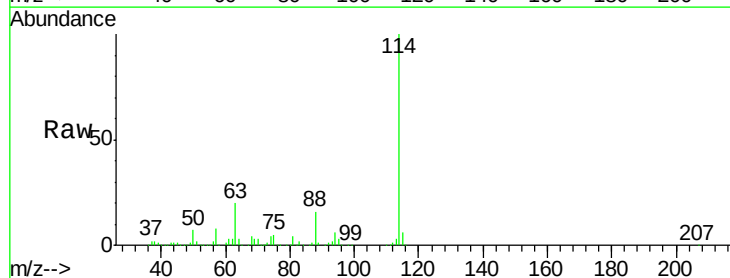
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-3-4

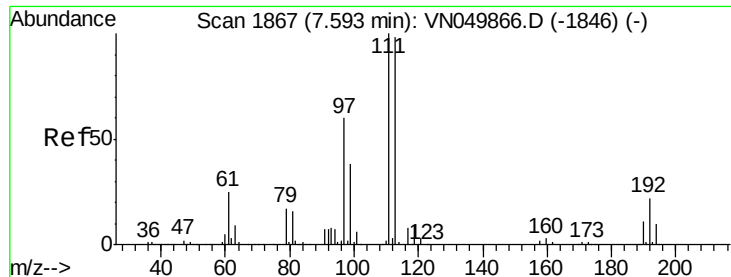
Tot Ion: 65 Resp: 412951
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049900.D
 Acq: 19 Jul 2018 4:01

Tgt Ion: 114 Resp: 975456
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.77 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049900.D

Acq: 19 Jul 2018 4:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-3-4

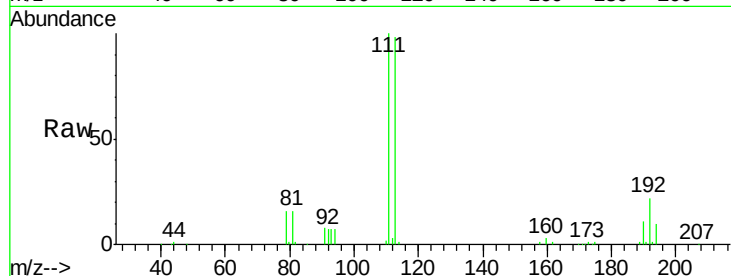
Tot Ion:113 Resp: 366616

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

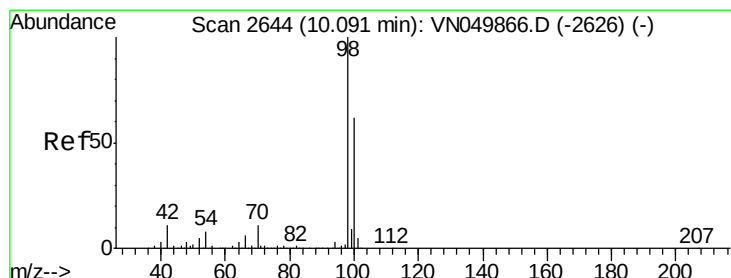
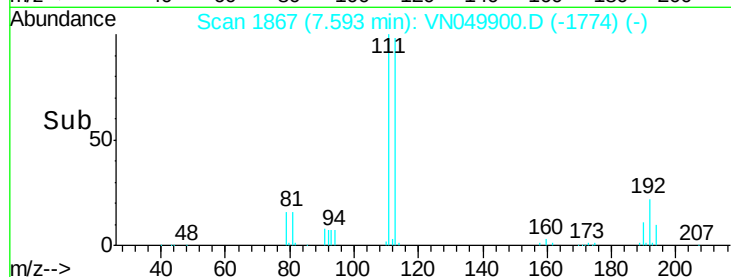
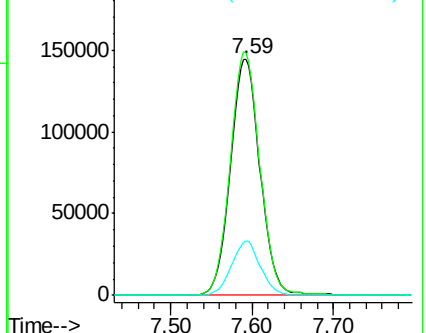
192 22.2 17.8 26.6



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: 43.83 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049900.D

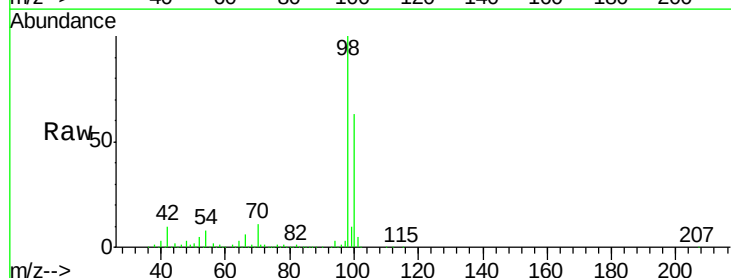
Acq: 19 Jul 2018 4:01

Tgt Ion: 98 Resp: 1307706

Ion Ratio Lower Upper

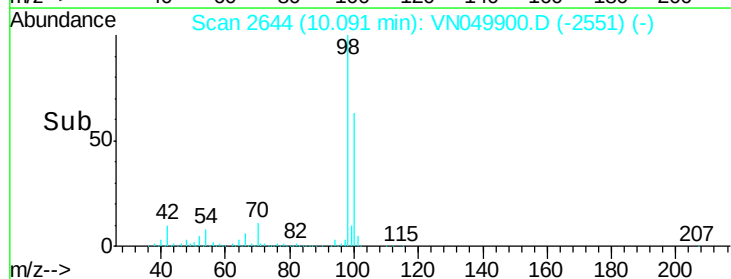
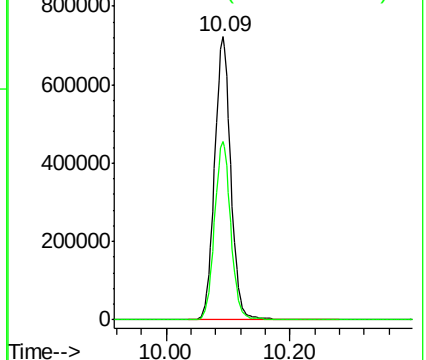
98 100

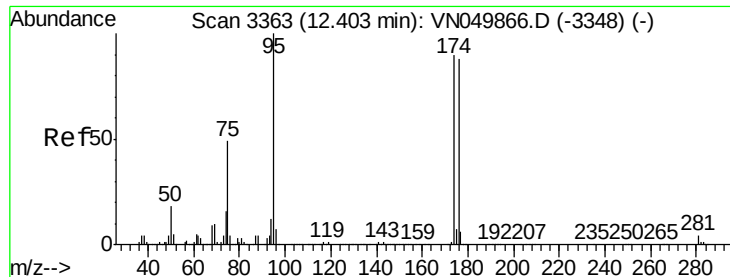
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049900.D

Acq: 19 Jul 2018 4:01

Instrument :

MSVOA_N

ClientSampled :

DRUM-3-4

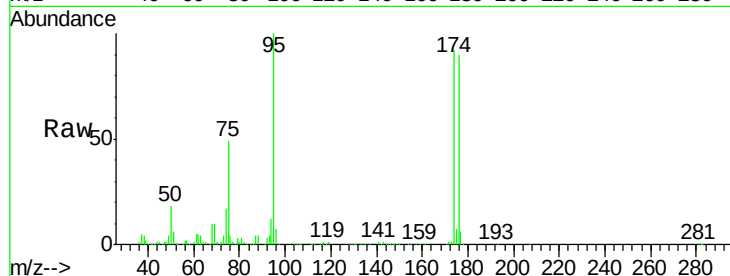
Tot Ion: 95 Resp: 354834

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

176 88.3 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)

12.40

250000

200000

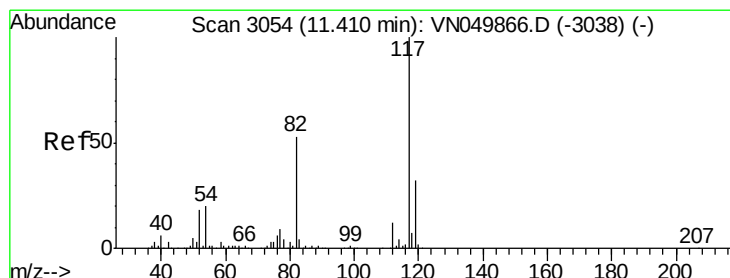
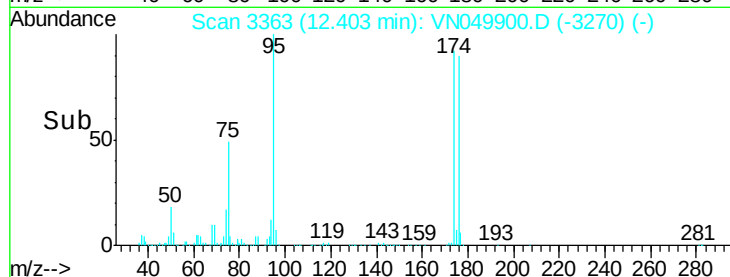
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN049900.D

Acq: 19 Jul 2018 4:01

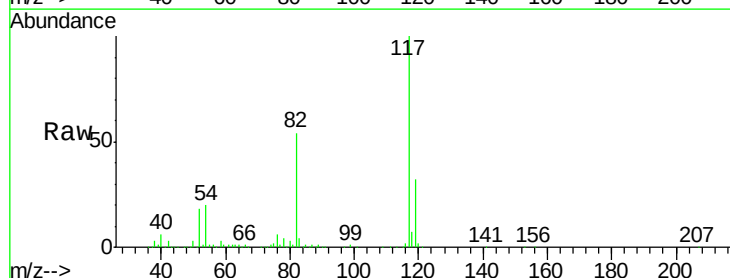
Tgt Ion: 117 Resp: 790198

Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

119 32.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)

11.41

600000

500000

400000

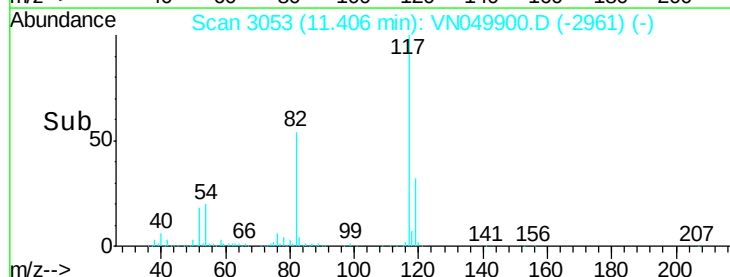
300000

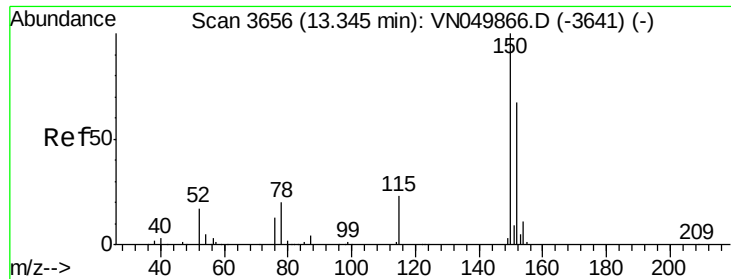
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049900.D

Acq: 19 Jul 2018 4:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-3-4

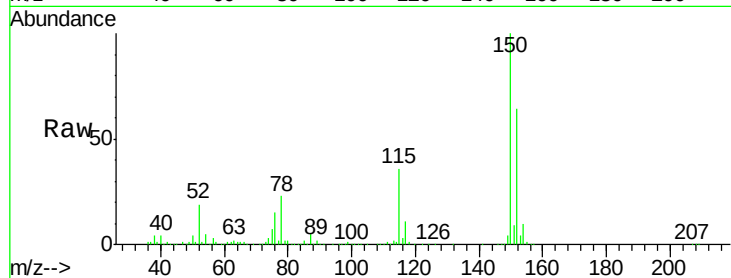
Tot Ion:152 Resp: 300921

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 157.9 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

