

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049618.D
 Acq On : 29 Jun 2018 4:17
 Operator : MD\SY
 Sample : PB110663TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110663TB

Quant Time: Jun 29 08:46:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

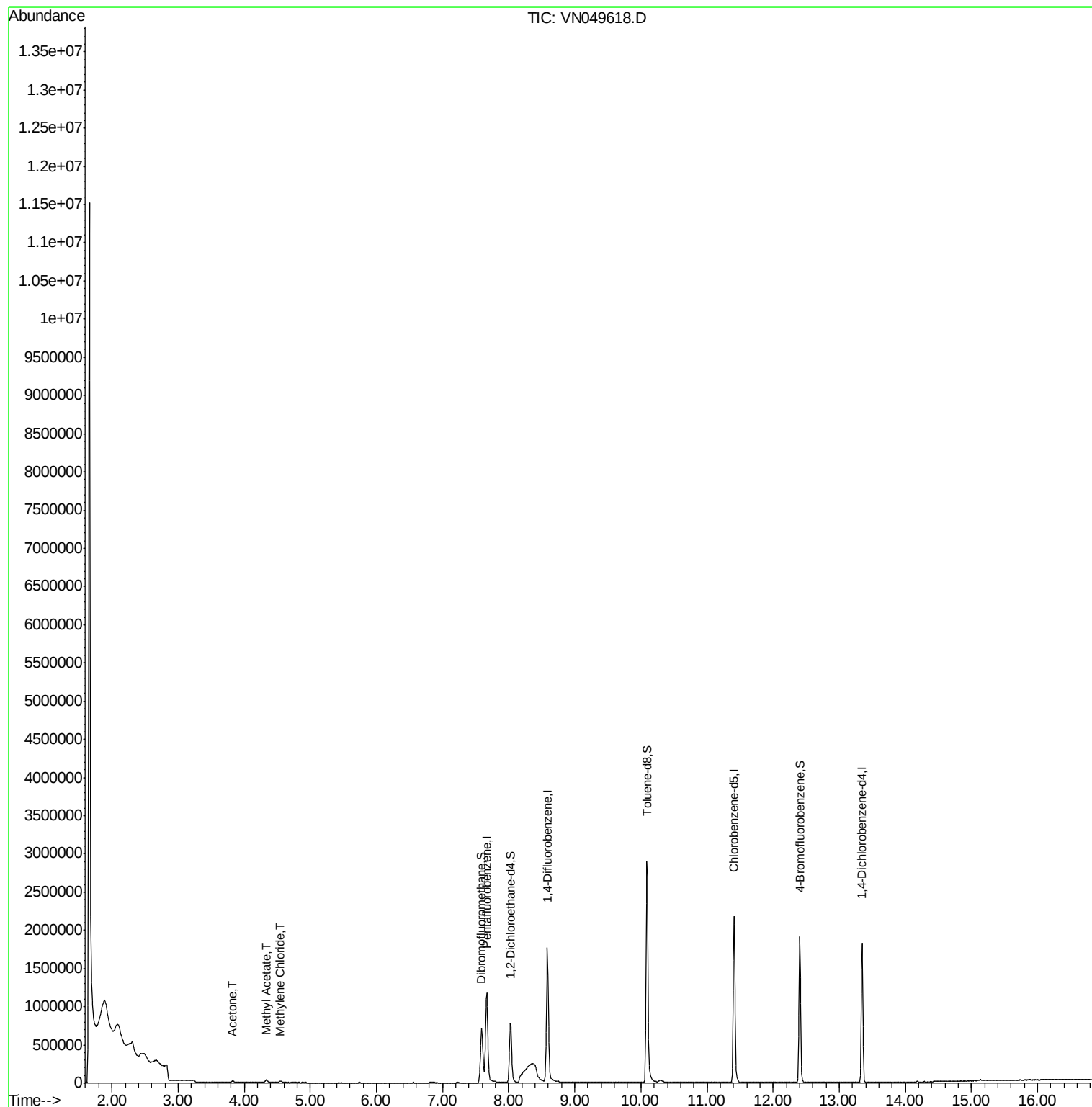
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1042488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1702895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1400471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	521533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	682910	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	7.59	113	567433	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
50) Toluene-d8	10.09	98	2263670	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
62) 4-Bromofluorobenzene	12.40	95	643784	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
16) Acetone	3.83	43	40153	11.96	ug/l	94
18) Methyl Acetate	4.33	43	72440	7.08	ug/l #	90
20) Methylene Chloride	4.54	84	16721	1.19	ug/l	88

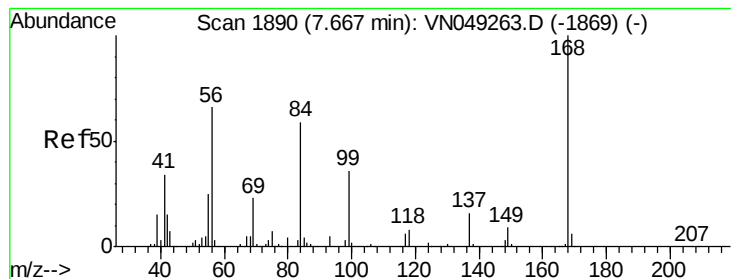
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
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Quant Time: Jun 29 08:46:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049618.D

Acq: 29 Jun 2018 4:17

Instrument :

MSVOA_N

ClientSampleId :

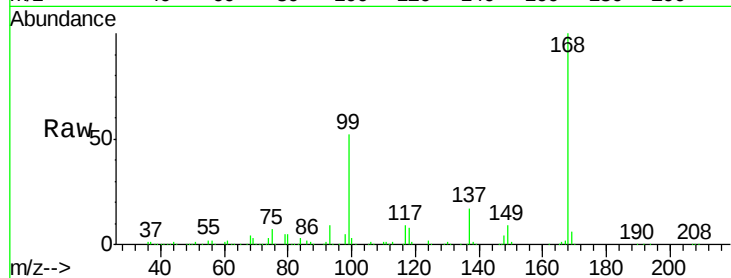
PB110663TB

Tot Ion:168 Resp: 1042488

Ion Ratio Lower Upper

168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

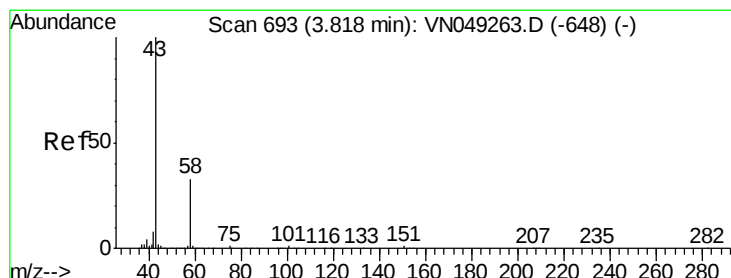
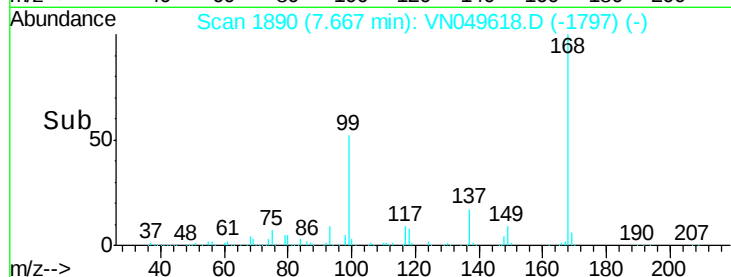
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.96 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049618.D

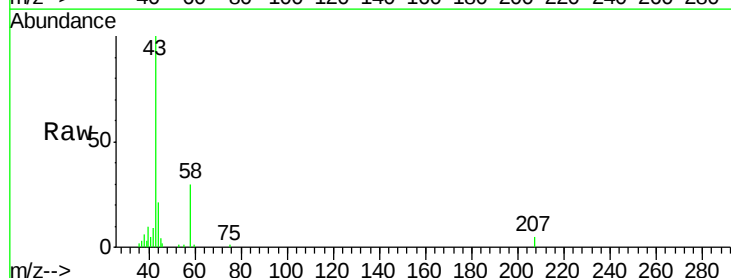
Acq: 29 Jun 2018 4:17

Tgt Ion: 43 Resp: 40153

Ion Ratio Lower Upper

43 100

58 31.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

15000

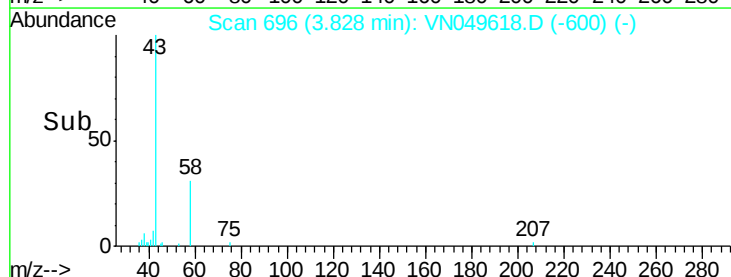
10000

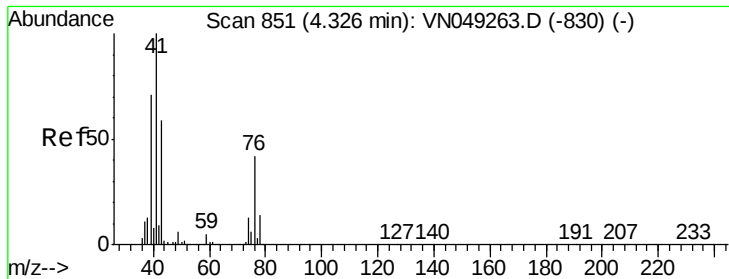
5000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#18

Methvl Acetate

Concen: 7.08 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

Instrument :

MSVOA_N

ClientSampled :

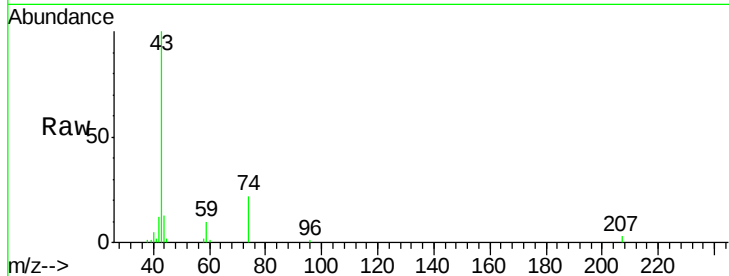
PB110663TB

Tot Ion: 43 Resp: 72440

Ion Ratio Lower Upper

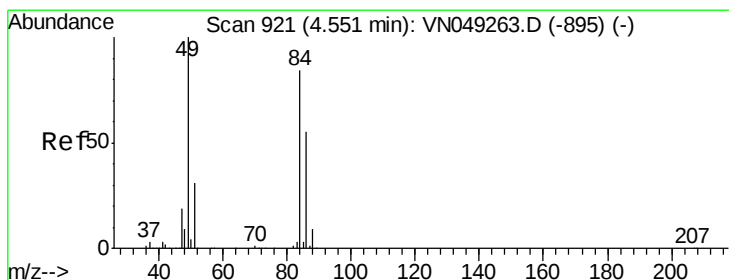
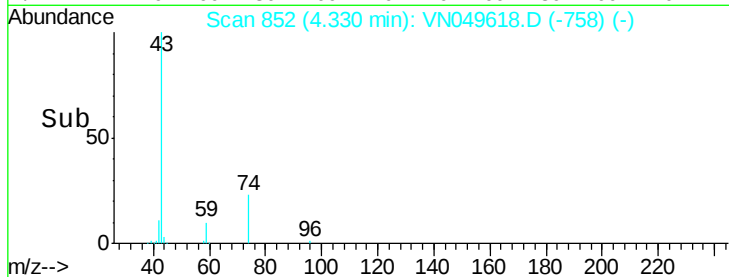
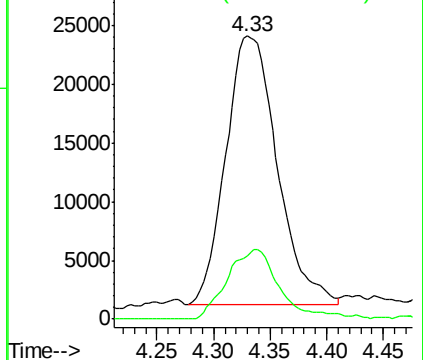
43 100

74 26.3 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 1.19 ug/l

RT: 4.54 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

Tgt Ion: 84 Resp: 16721

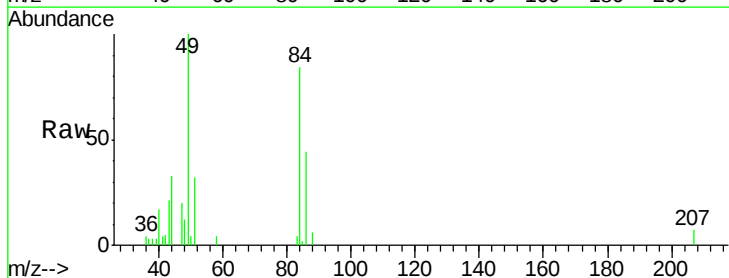
Ion Ratio Lower Upper

84 100

49 116.7 106.9 160.3

51 37.8 32.7 49.1

86 53.2 49.8 74.8

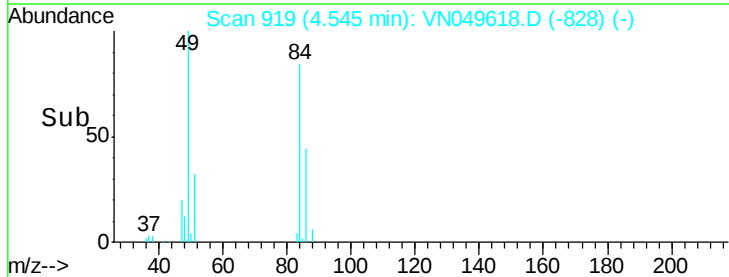
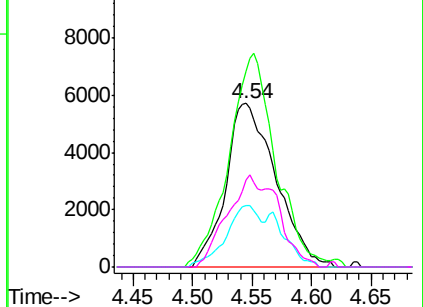


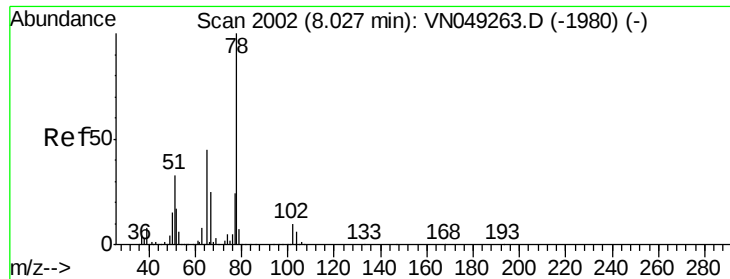
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.39 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

Instrument :

MSVOA_N

ClientSampleId :

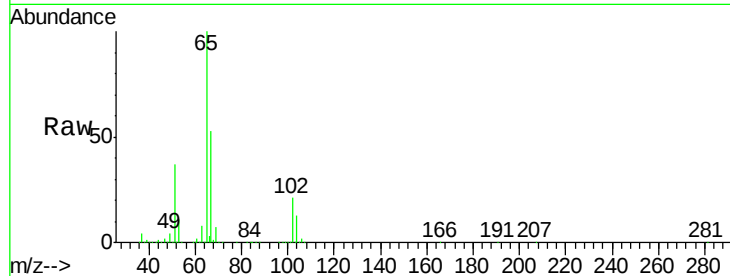
PB110663TB

Tot Ion: 65 Resp: 682910

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049618.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049618.D (-1909) (-)

8.03

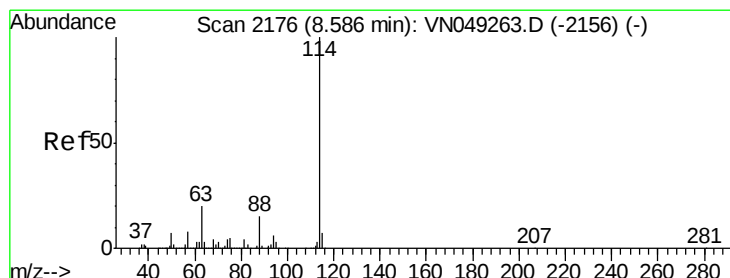
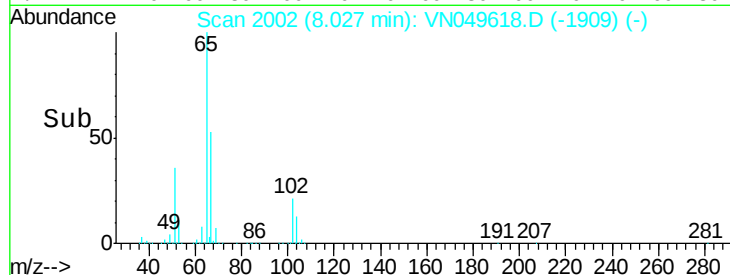
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

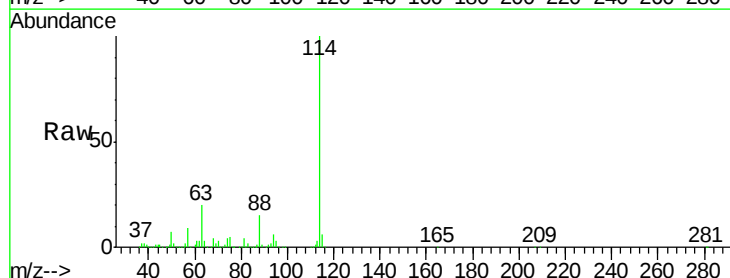
Tgt Ion: 114 Resp: 1702895

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049618.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049618.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049618.D (-2083) (-)

8.59

1000000

800000

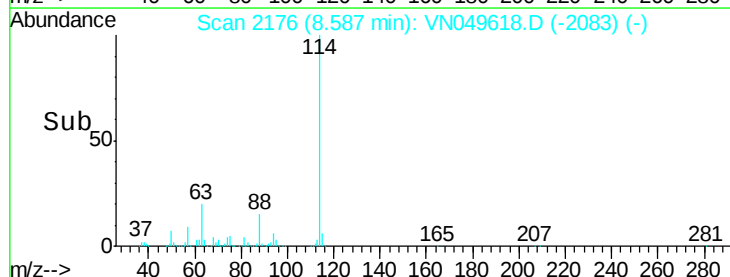
600000

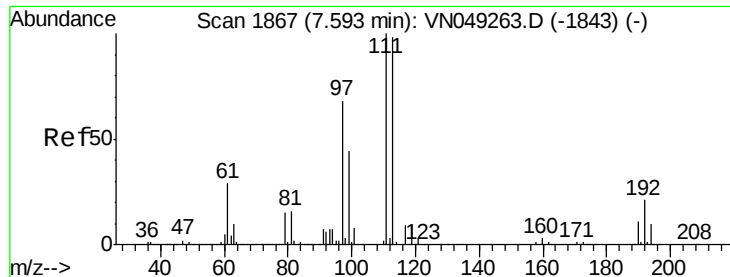
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 41.19 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

Instrument :

MSVOA_N

ClientSampleId :

PB110663TB

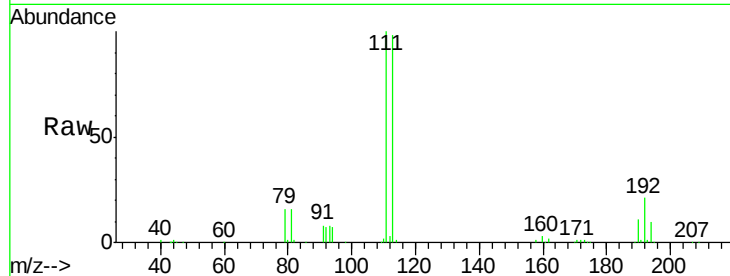
Tot Ion:113 Resp: 567433

Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

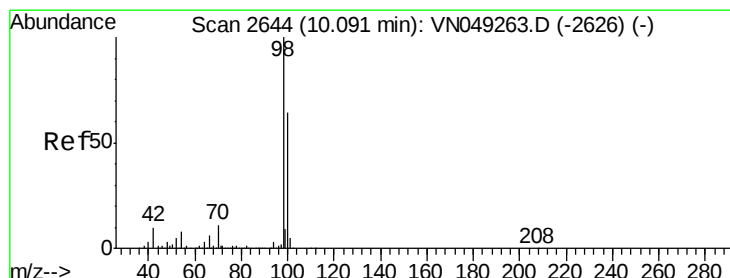
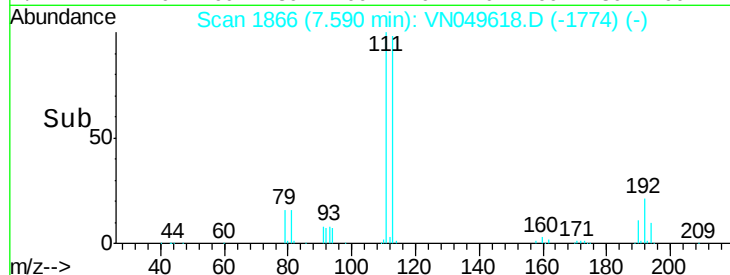
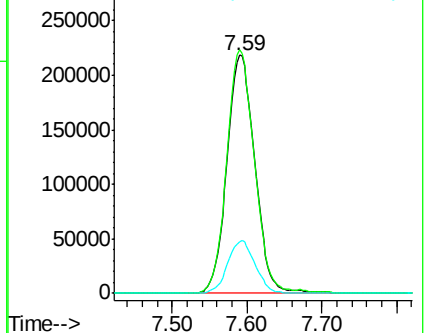
192 21.8 15.0 22.6



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: 43.15 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049618.D

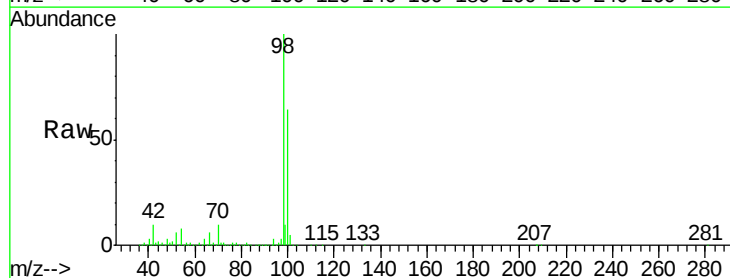
Acq: 29 Jun 2018 4:17

Tgt Ion: 98 Resp: 2263670

Ion Ratio Lower Upper

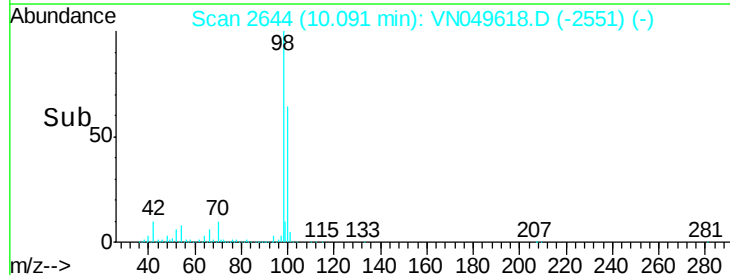
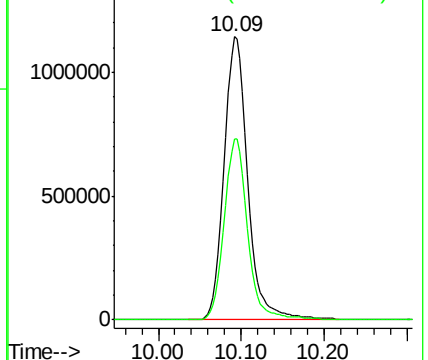
98 100

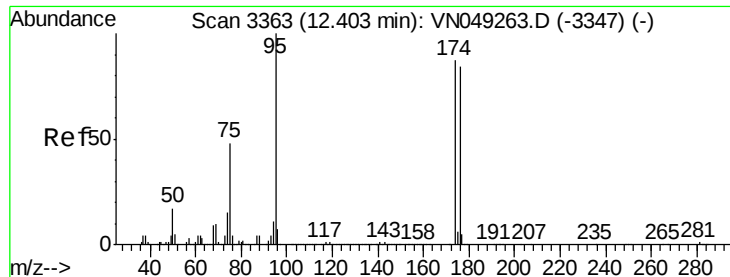
100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 37.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

Instrument :

MSVOA_N

ClientSampleId :

PB110663TB

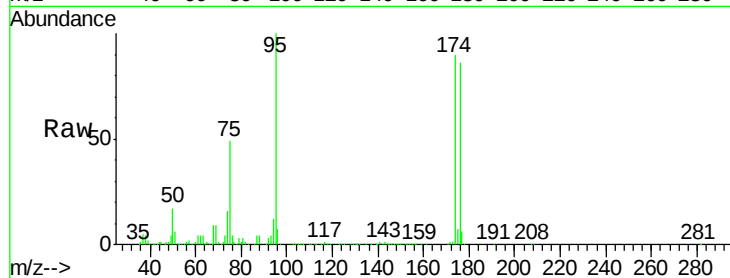
Tot Ion: 95 Resp: 643784

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

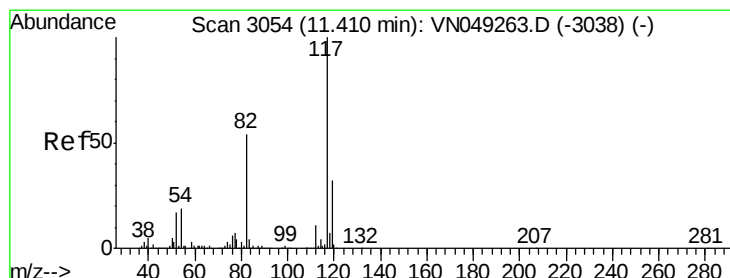
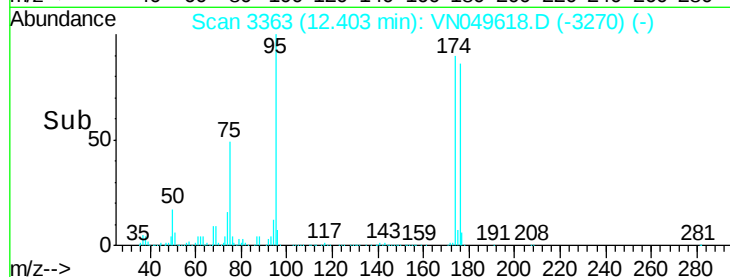
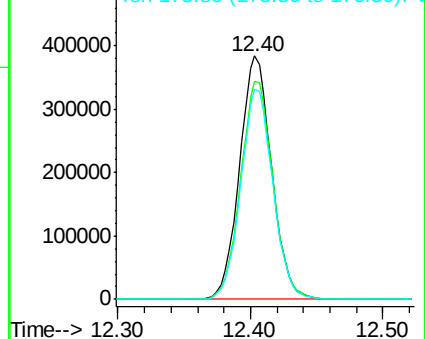
176 86.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049618.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049618.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049618.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

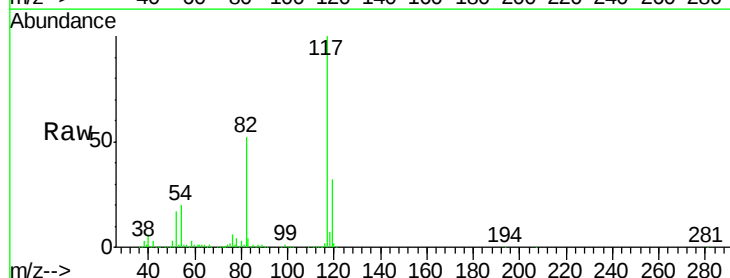
Tgt Ion: 117 Resp: 1400471

Ion Ratio Lower Upper

117 100

82 51.9 45.9 68.9

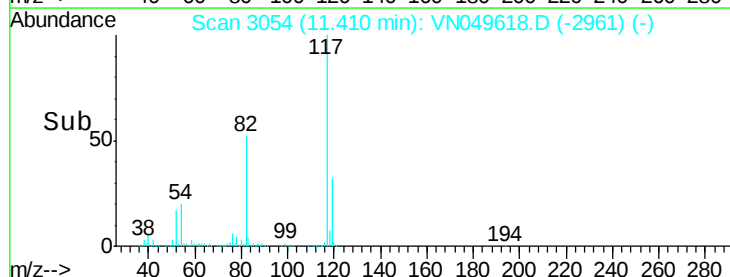
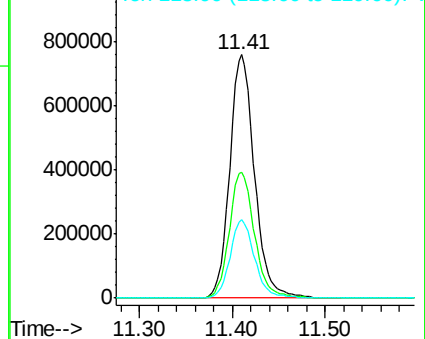
119 32.1 25.5 38.3

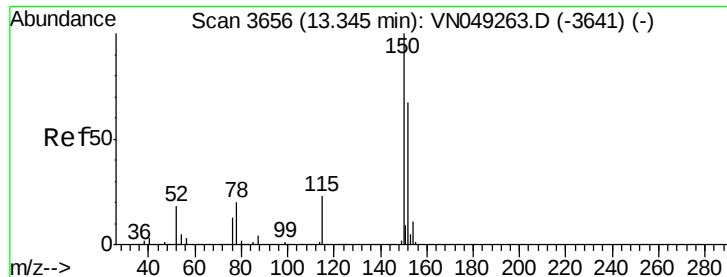


Abundance Ion 116.90 (116.60 to 117.60): VN049618.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049618.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049618.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049618.D

Acq: 29 Jun 2018 4:17

Instrument :

MSVOA_N

ClientSampleId :

PB110663TB

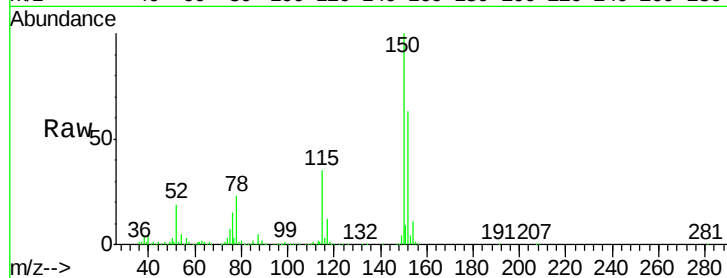
Tot Ion:152 Resp: 521533

Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.1

150 157.3 0.0 351.0



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

