

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050216.D
 Acq On : 31 Jul 2018 15:42
 Operator : MD\SY
 Sample : PB111613ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#04

Quant Time: Jul 31 18:42:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

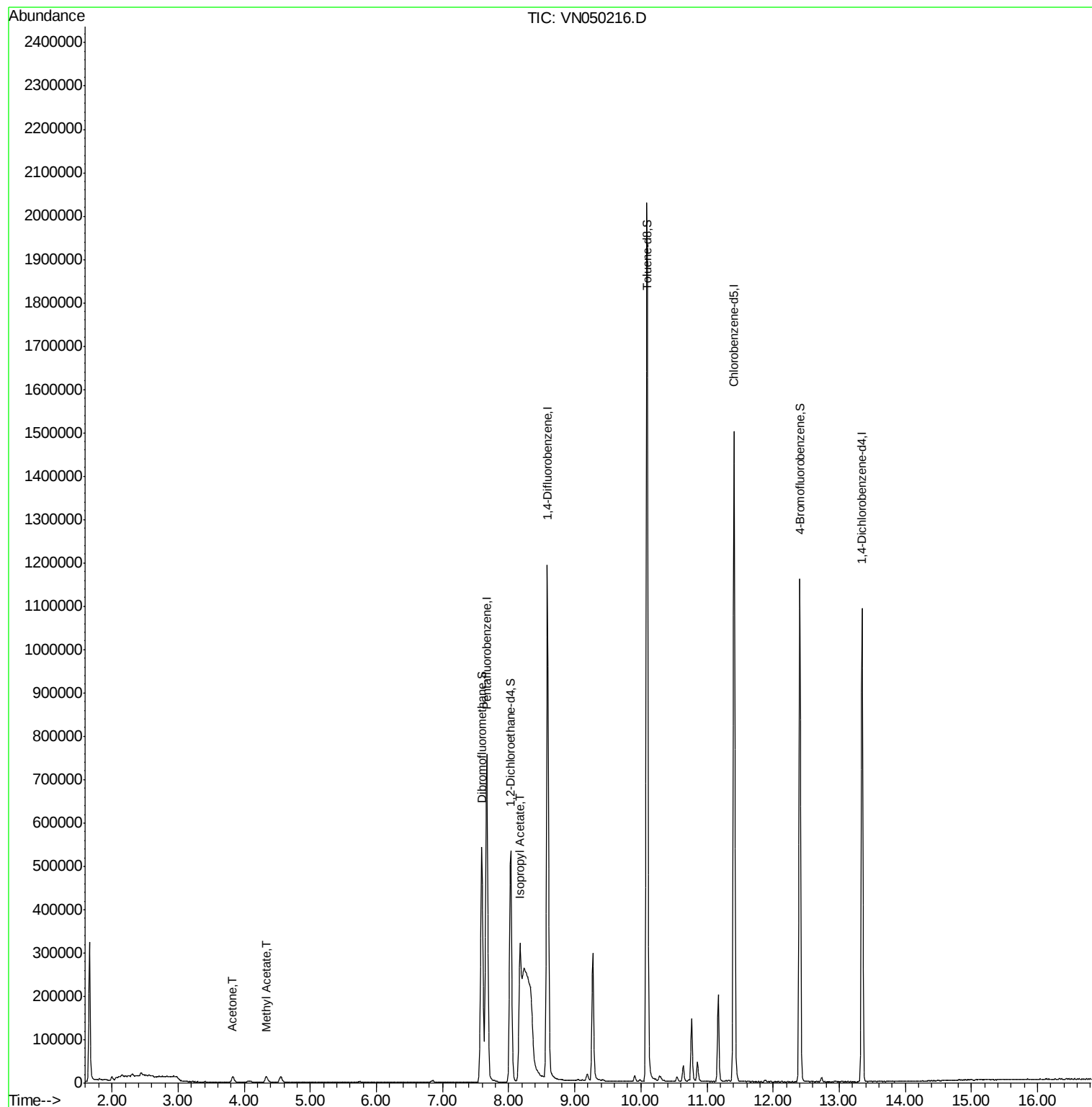
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	644236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	911819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	463946	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	7.59	113	413822	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	10.09	98	1463194	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.40	95	386671	35.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.74%	
Target Compounds						
16) Acetone	3.83	43	21969	6.140	ug/l	93
18) Methyl Acetate	4.33	43	26477	1.639	ug/l	94
43) Isopropyl Acetate	8.17	43	388865	23.484	ug/l #	89

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

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Quant Time: Jul 31 18:42:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050216.D

Acq: 31 Jul 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

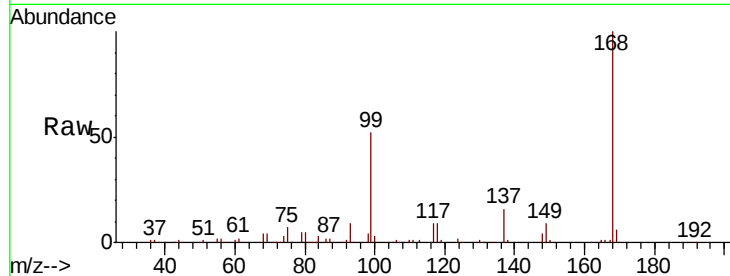
PB111613ZHE#04

Tot Ion:168 Resp: 644236

Ion Ratio Lower Upper

168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

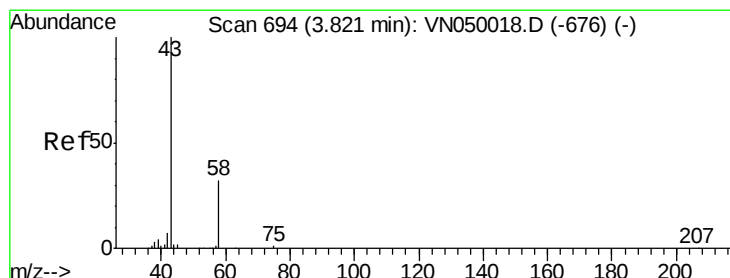
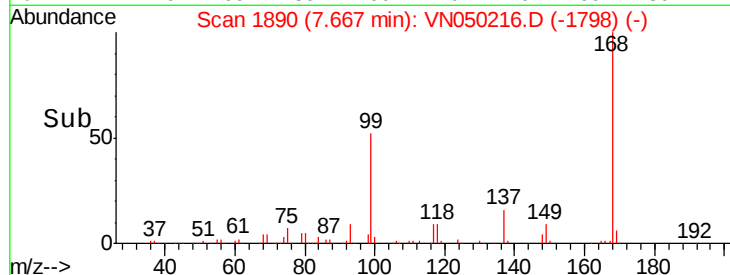
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.140 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050216.D

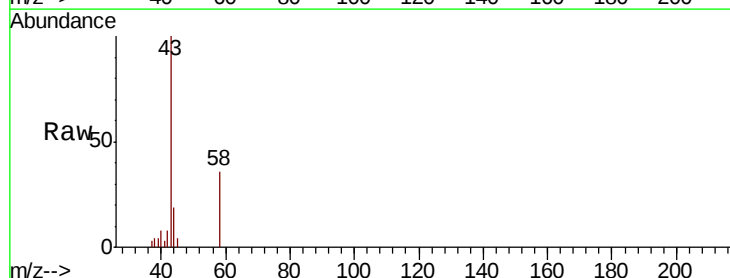
Acq: 31 Jul 2018 15:42

Tgt Ion: 43 Resp: 21969

Ion Ratio Lower Upper

43 100

58 36.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

10000

8000

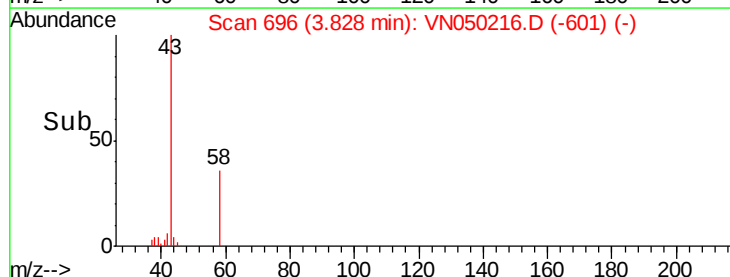
6000

4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 1.639 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050216.D

Acq: 31 Jul 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

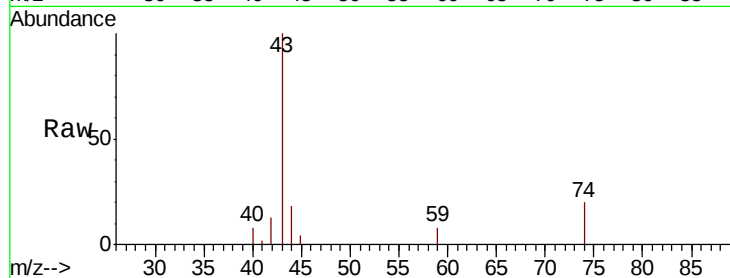
PB111613ZHE#04

Tot Ion: 43 Resp: 26477

Ion Ratio Lower Upper

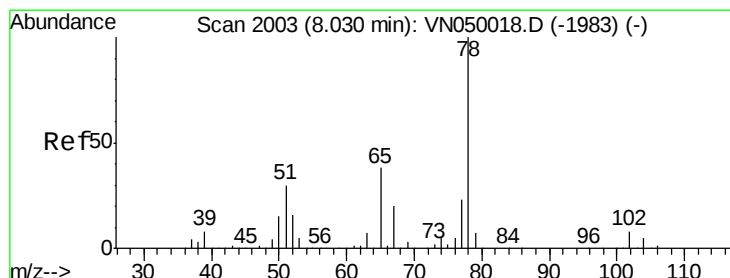
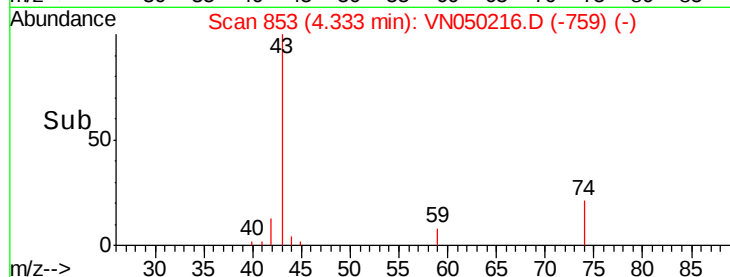
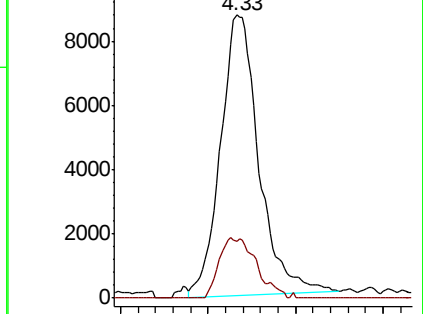
43 100

74 21.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050216.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN050216.D (-759) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.615 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050216.D

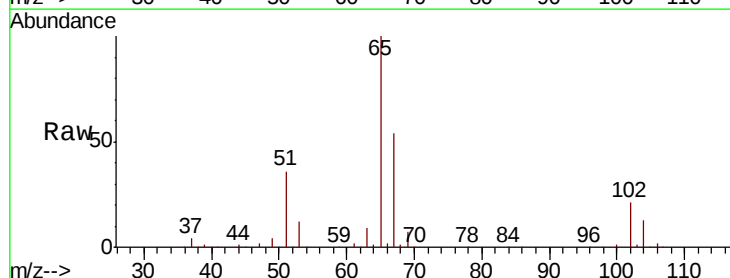
Acq: 31 Jul 2018 15:42

Tgt Ion: 65 Resp: 463946

Ion Ratio Lower Upper

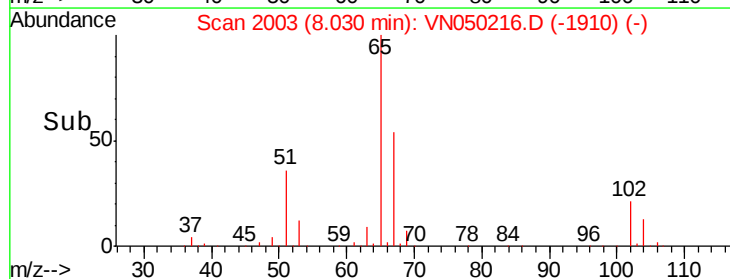
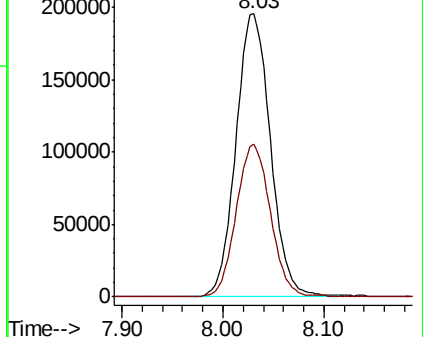
65 100

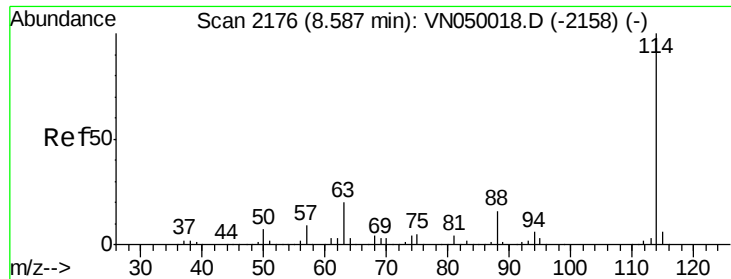
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050216.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN050216.D (-1910) (-)

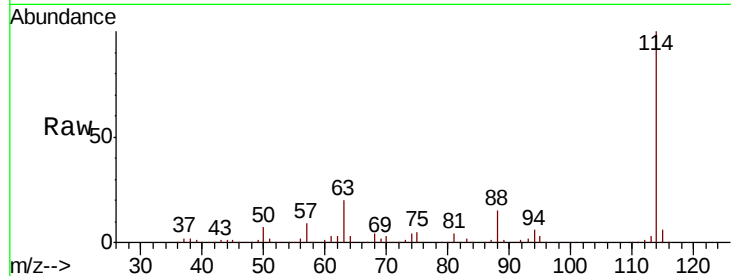




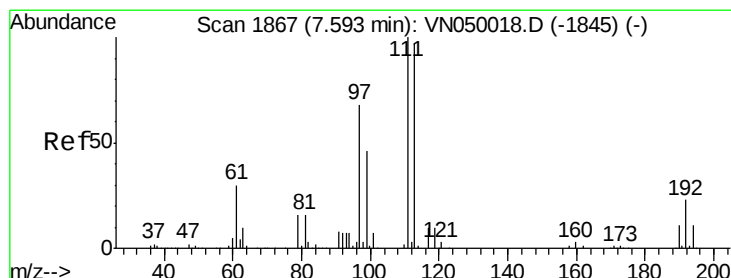
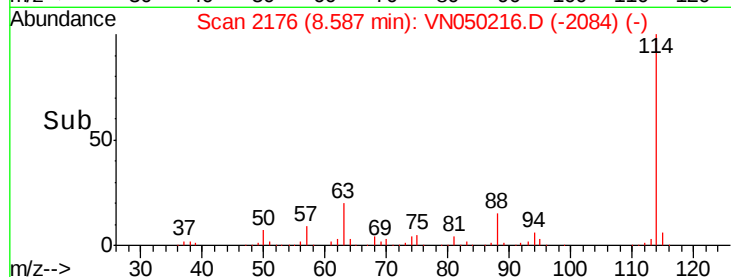
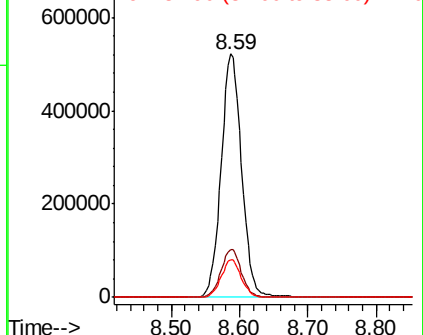
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050216.D
Acq: 31 Jul 2018 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#04

Tot Ion:114 Resp: 1090595
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.4 0.0 31.2

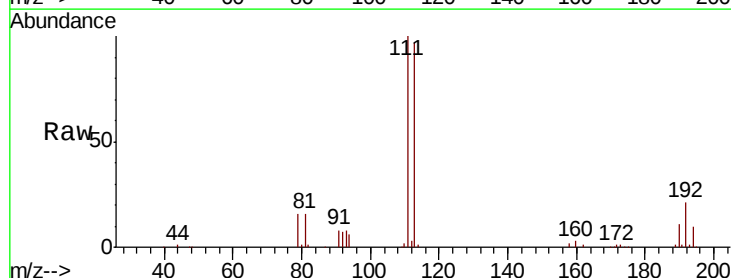


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

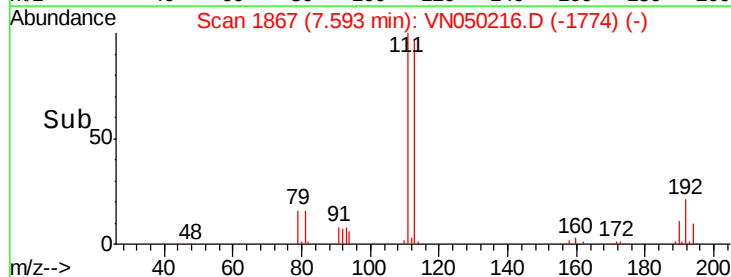
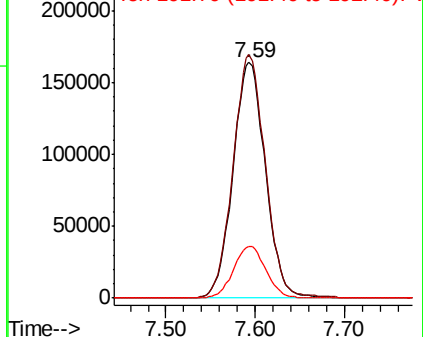


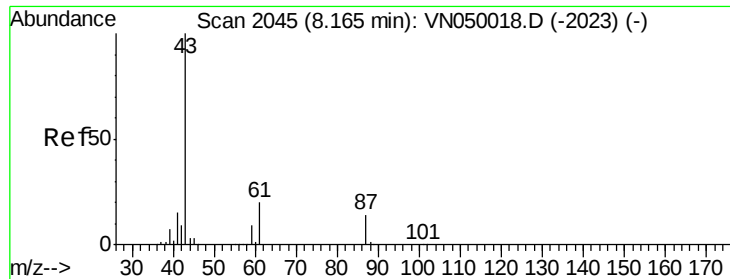
#35
Dibromofluoromethane
Concen: 46.474 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050216.D
Acq: 31 Jul 2018 15:42

Tgt Ion:113 Resp: 413822
Ion Ratio Lower Upper
113 100
111 103.0 80.7 121.1
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





#43

Isopropyl Acetate

Concen: 23.484 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050216.D

Acq: 31 Jul 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#04

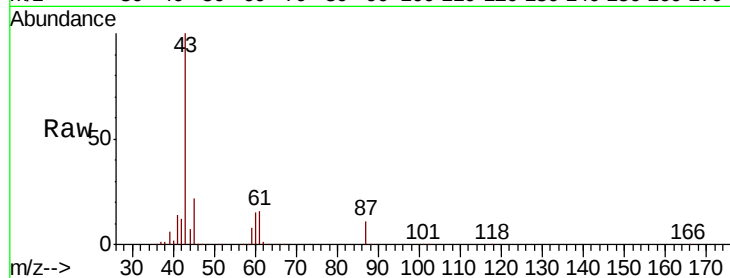
Tot Ion: 43 Resp: 388865

Ion Ratio Lower Upper

43 100

61 14.3 15.8 23.6#

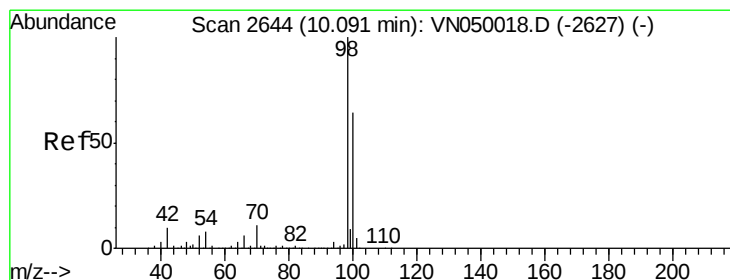
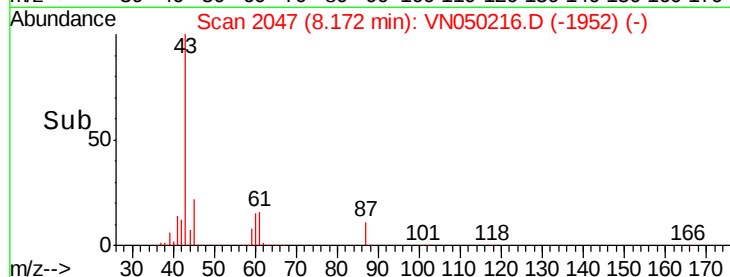
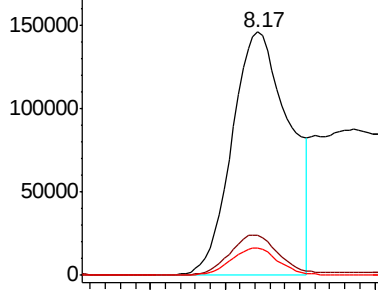
87 9.4 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 44.696 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050216.D

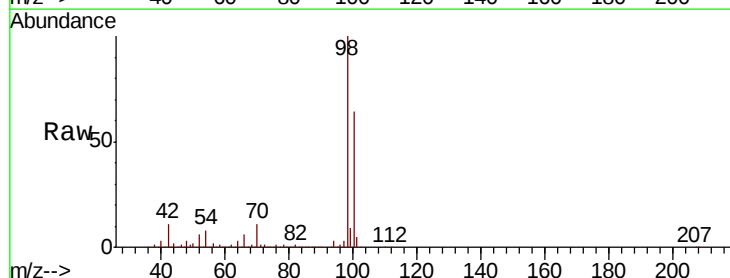
Acq: 31 Jul 2018 15:42

Tgt Ion: 98 Resp: 1463194

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

Ion 112.00 (111.70 to 112.70): VN0

Ion 207.00 (206.70 to 207.70): VN0

Ion 229.00 (228.70 to 229.70): VN0

Ion 252.00 (251.70 to 252.70): VN0

Ion 271.00 (270.70 to 271.70): VN0

Ion 292.00 (291.70 to 292.70): VN0

Ion 310.00 (309.70 to 310.70): VN0

Ion 329.00 (328.70 to 329.70): VN0

Ion 350.00 (349.70 to 350.70): VN0

Ion 371.00 (370.70 to 371.70): VN0

Ion 392.00 (391.70 to 392.70): VN0

Ion 413.00 (412.70 to 413.70): VN0

Ion 434.00 (433.70 to 434.70): VN0

Ion 455.00 (454.70 to 455.70): VN0

Ion 476.00 (475.70 to 476.70): VN0

Ion 497.00 (496.70 to 497.70): VN0

Ion 518.00 (517.70 to 518.70): VN0

Ion 539.00 (538.70 to 539.70): VN0

Ion 560.00 (559.70 to 560.70): VN0

Ion 581.00 (580.70 to 581.70): VN0

Ion 602.00 (601.70 to 602.70): VN0

Ion 623.00 (622.70 to 623.70): VN0

Ion 644.00 (643.70 to 644.70): VN0

Ion 665.00 (664.70 to 665.70): VN0

Ion 686.00 (685.70 to 686.70): VN0

Ion 707.00 (706.70 to 707.70): VN0

Ion 728.00 (727.70 to 728.70): VN0

Ion 749.00 (748.70 to 749.70): VN0

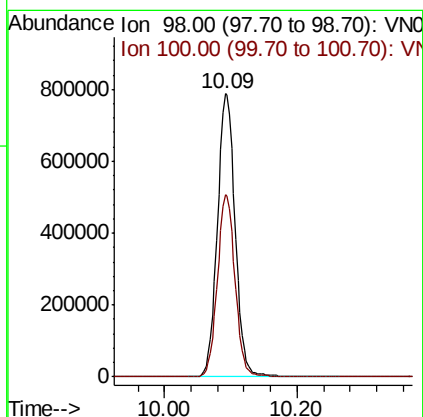
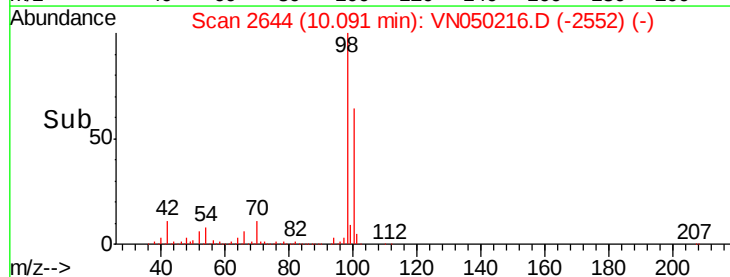
Ion 770.00 (769.70 to 770.70): VN0

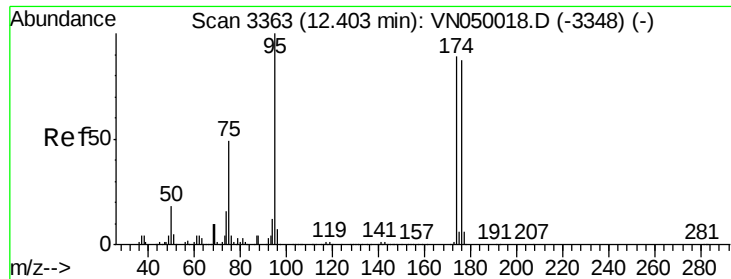
Ion 791.00 (790.70 to 791.70): VN0

Ion 812.00 (811.70 to 812.70): VN0

Ion 833.00 (832.70 to 833.70): VN0

Ion 854.00 (853.70 to 854.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.872 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050216.D

Acq: 31 Jul 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#04

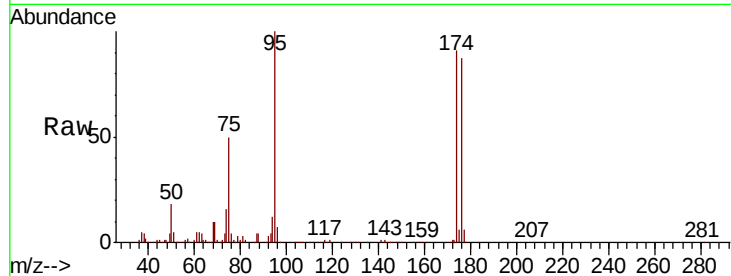
Tot Ion: 95 Resp: 386671

Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.2

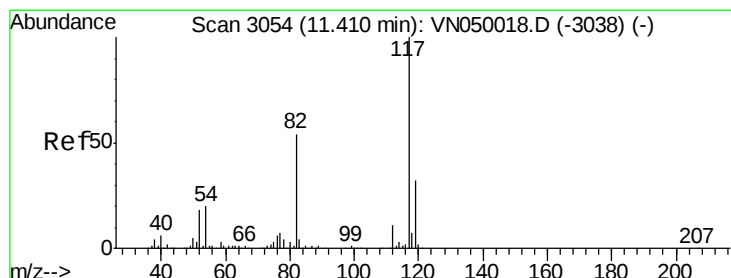
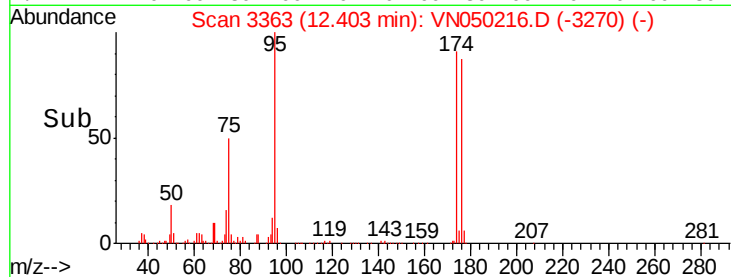
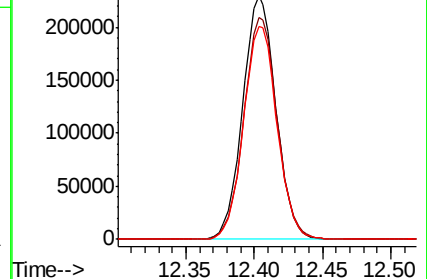
176 88.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050216.D

Acq: 31 Jul 2018 15:42

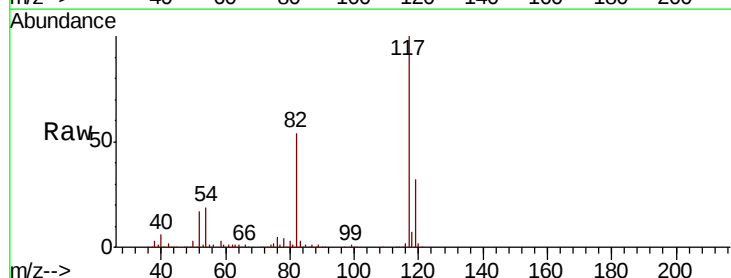
Tgt Ion: 117 Resp: 911819

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

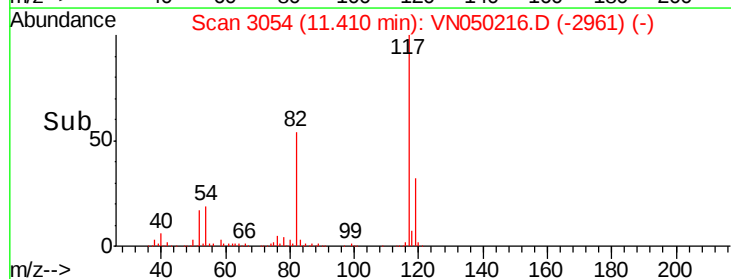
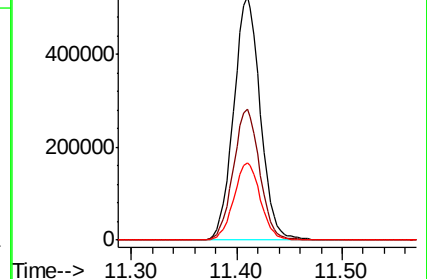
119 31.8 26.1 39.1

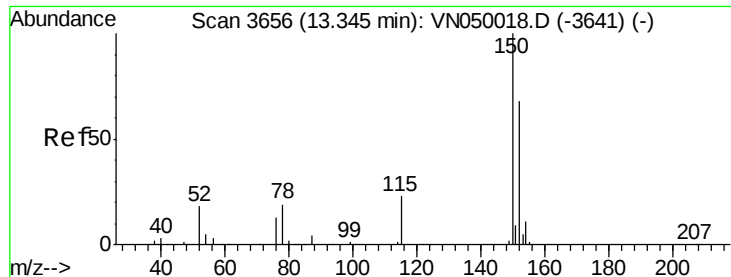


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050216.D

Acq: 31 Jul 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#04

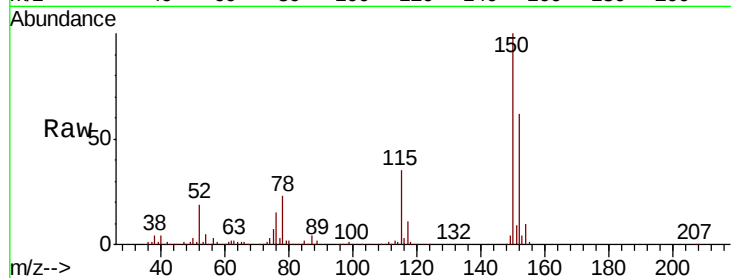
Tot Ion:152 Resp: 312964

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 155.7 0.0 348.6



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

