

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052416.D
 Acq On : 20 Nov 2018 19:05
 Operator : MD\SY
 Sample : PB114952ZHE#10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952ZHE#10

Quant Time: Nov 21 00:28:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	502864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	433769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150315	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	224828	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.59	113	164740	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.09	98	640690	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	186471	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

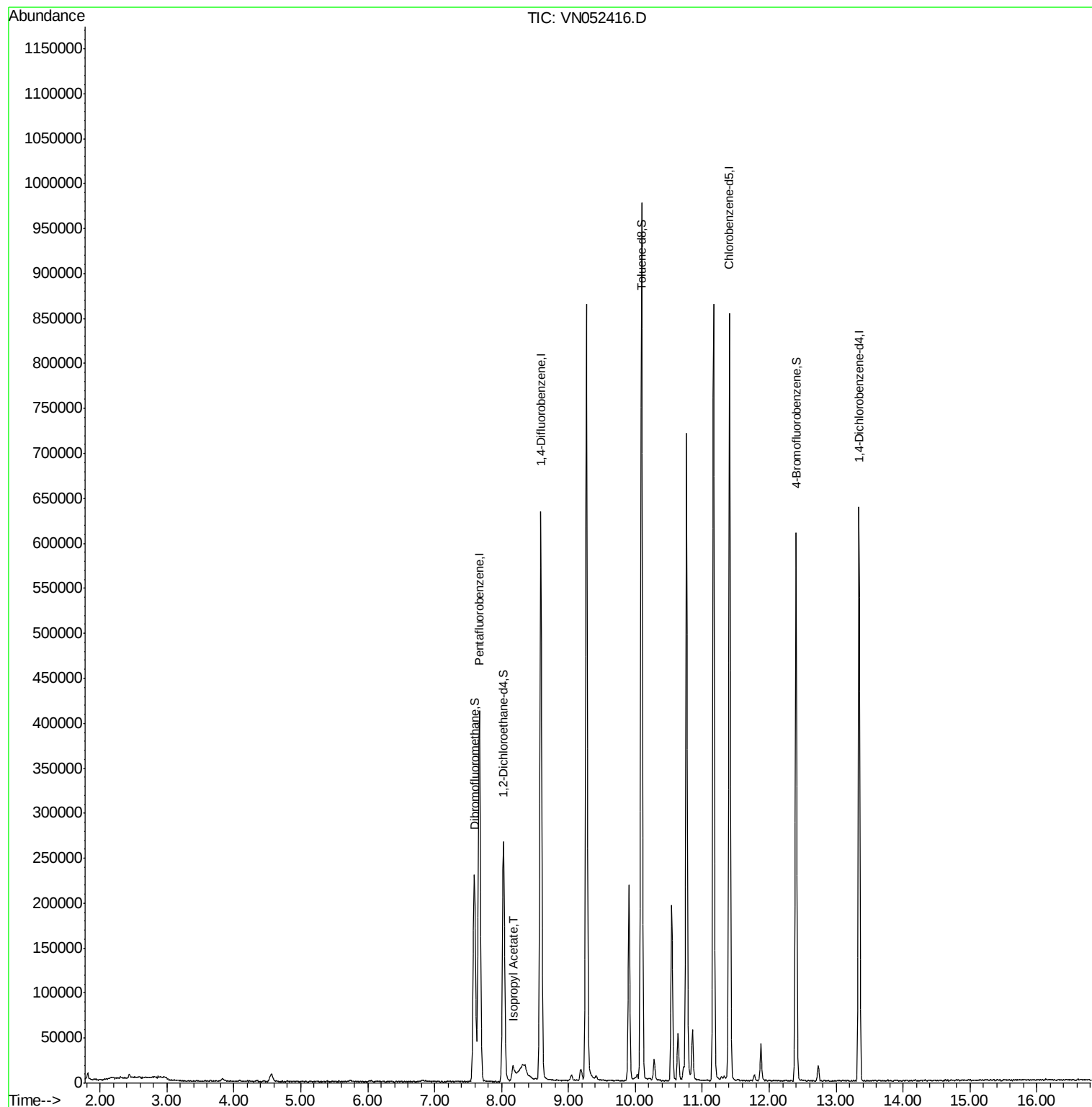
Target Compounds						Qvalue
43) Isopropyl Acetate	8.17	43	22172	3.14	ug/l	# 86

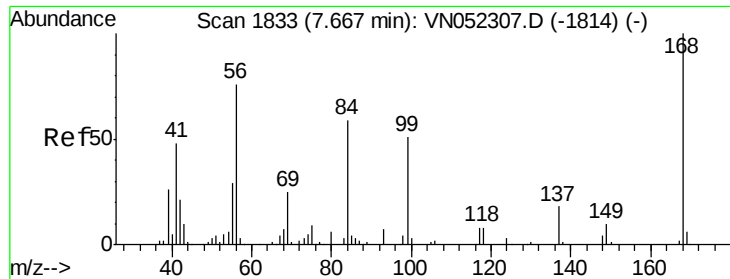
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052416.D

Acq: 20 Nov 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

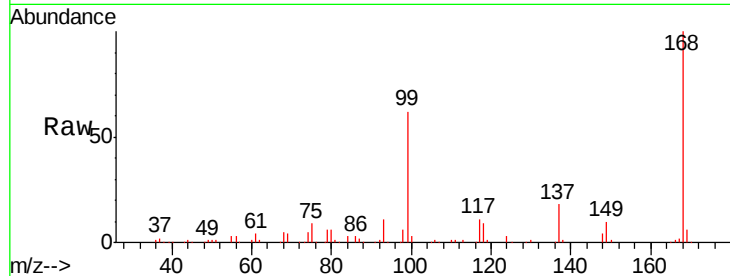
PB114952ZHE#10

Tgt Ion:168 Resp: 300319

Ion Ratio Lower Upper

168 100

99 62.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052416.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052416.D (-1740) (-)

7.67

150000

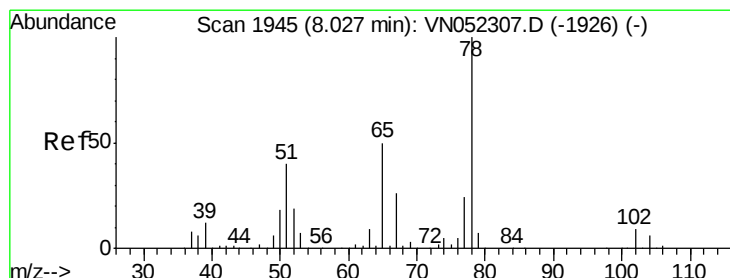
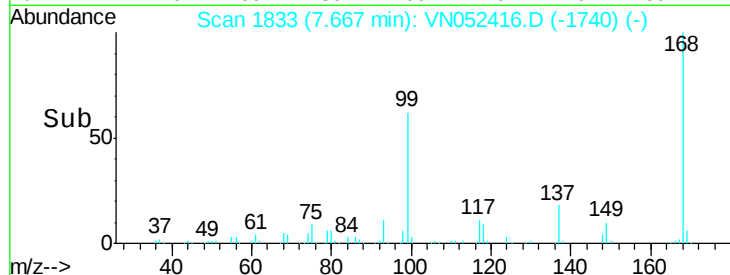
100000

50000

0

Time-->

7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052416.D

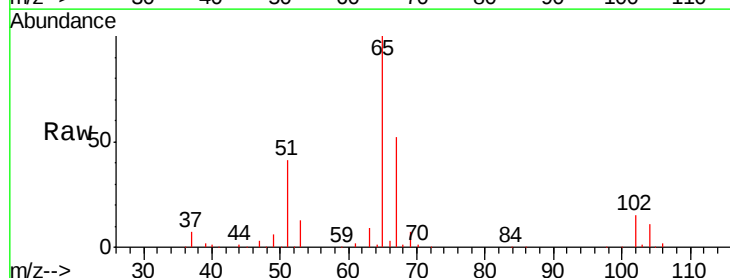
Acq: 20 Nov 2018 19:05

Tgt Ion: 65 Resp: 224828

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052416.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052416.D (-1852) (-)

8.03

100000

80000

60000

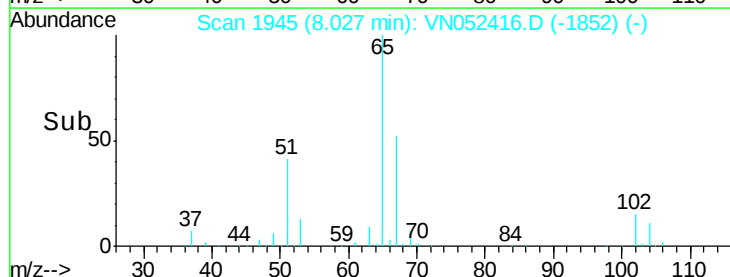
40000

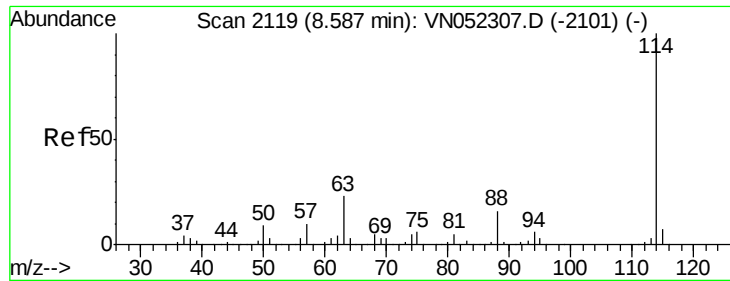
20000

0

Time-->

7.90 8.00 8.10

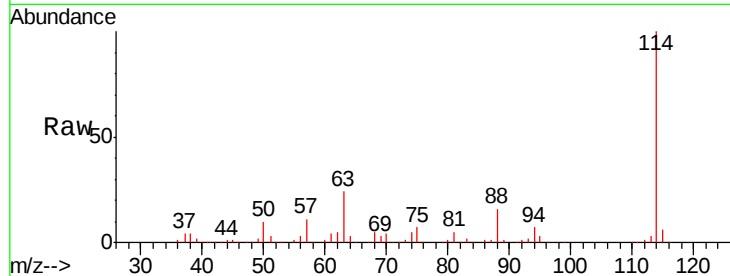




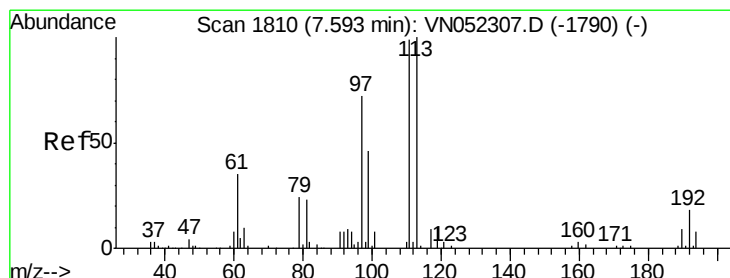
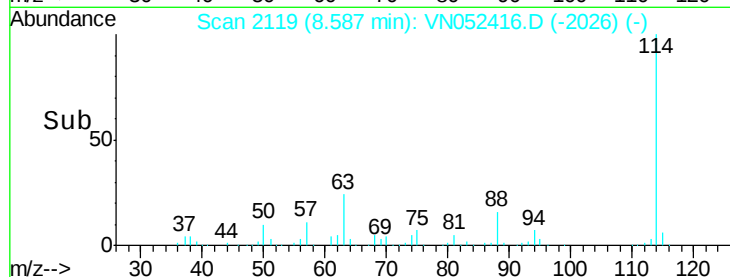
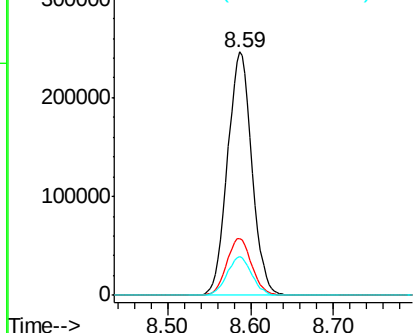
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052416.D
 Acq: 20 Nov 2018 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952ZHE#10

Tgt Ion:114 Resp: 502864
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.4
 88 15.9 0.0 31.2

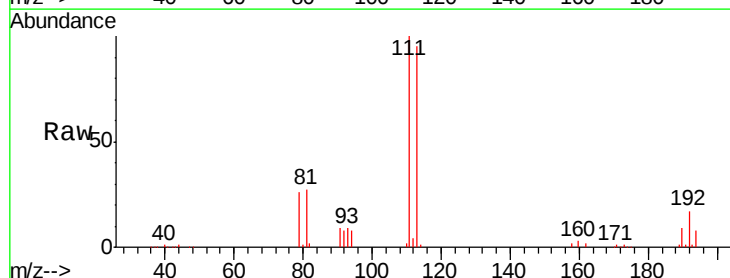


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

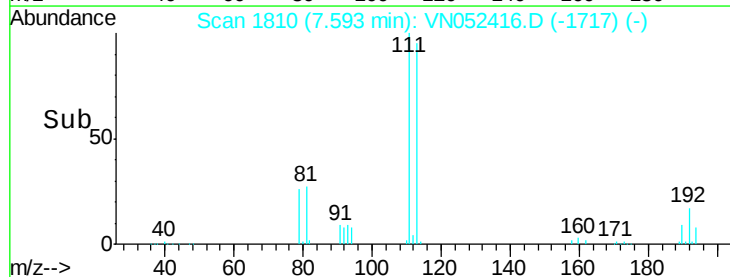
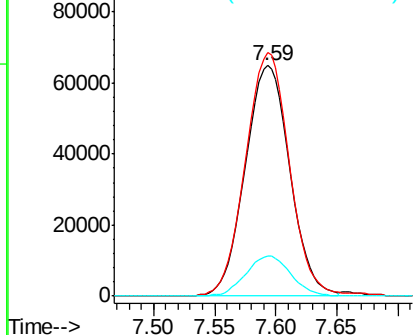


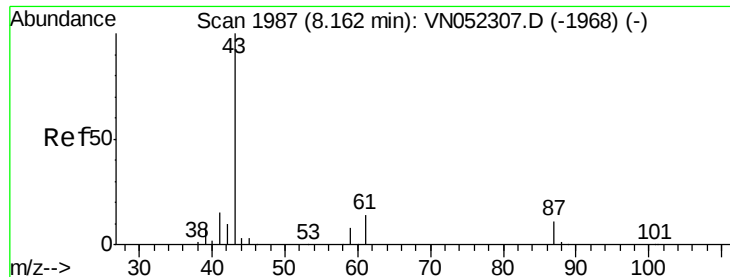
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052416.D
 Acq: 20 Nov 2018 19:05

Tgt Ion:113 Resp: 164740
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.0 121.6
 192 17.5 13.8 20.6



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: 3.14 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052416.D

Acq: 20 Nov 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#10

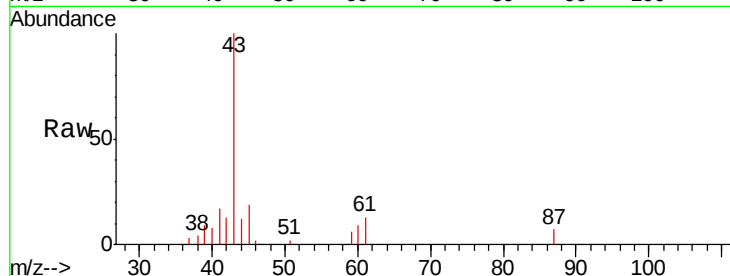
Tgt Ion: 43 Resp: 22172

Ion Ratio Lower Upper

43 100

61 11.2 12.0 18.0#

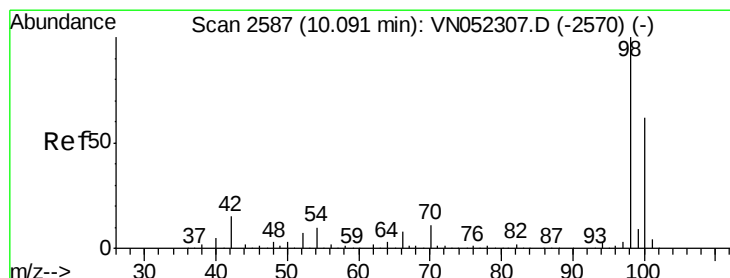
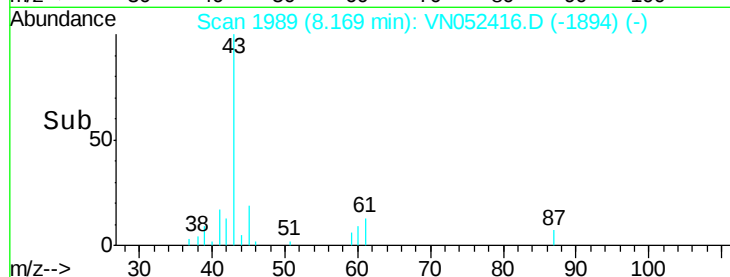
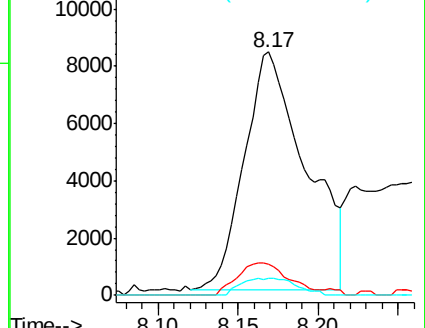
87 2.8 8.3 12.5#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052416.D

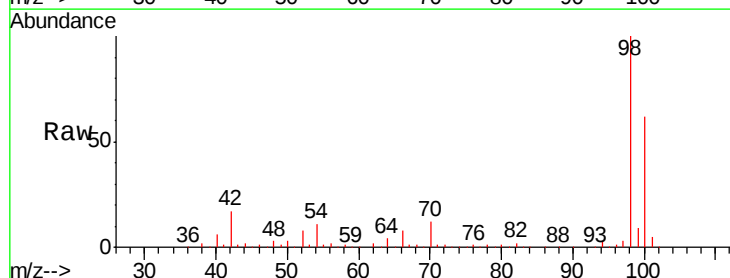
Acq: 20 Nov 2018 19:05

Tgt Ion: 98 Resp: 640690

Ion Ratio Lower Upper

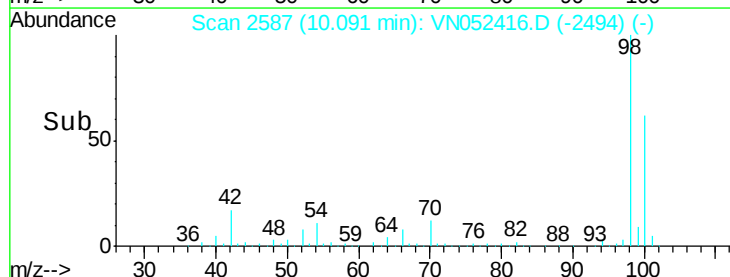
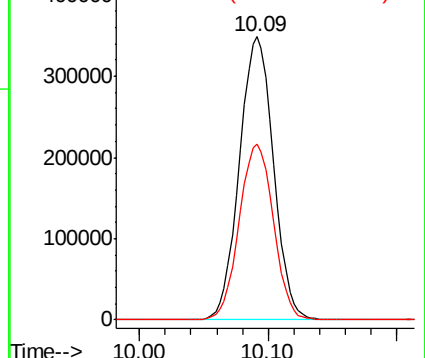
98 100

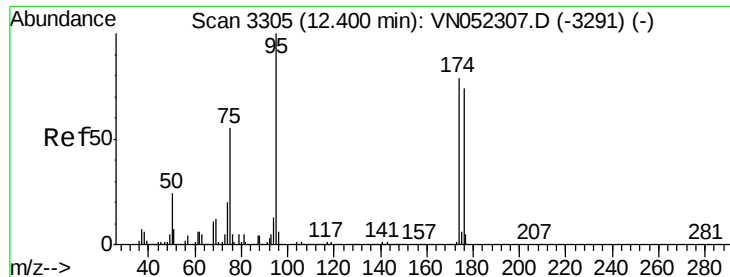
100 62.6 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052416.D

Acq: 20 Nov 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#10

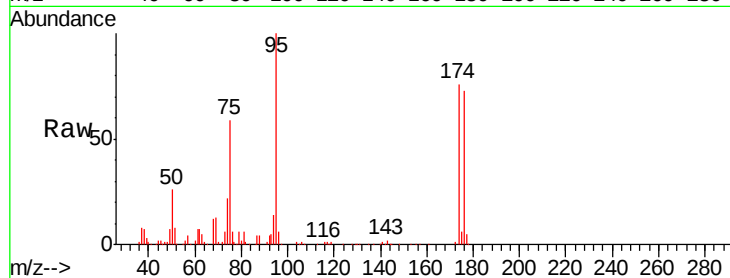
Tgt Ion: 95 Resp: 186471

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.0

176 73.6 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052416.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052416.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052416.D (-3212) (-)

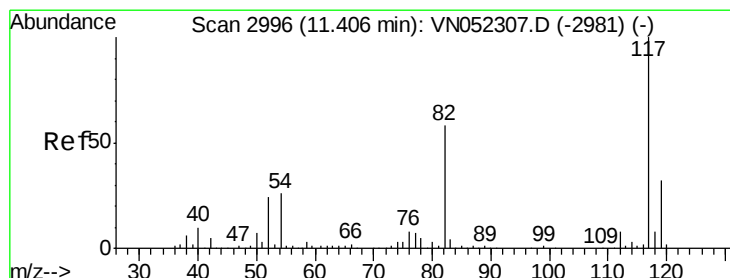
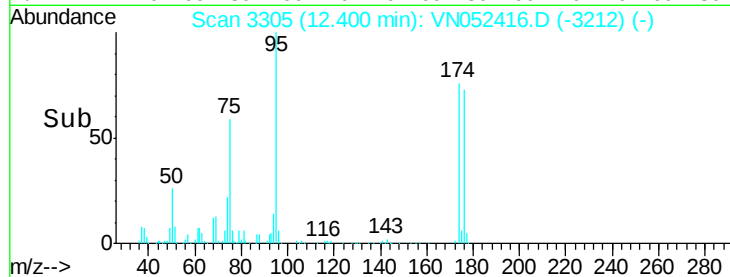
12.40

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052416.D

Acq: 20 Nov 2018 19:05

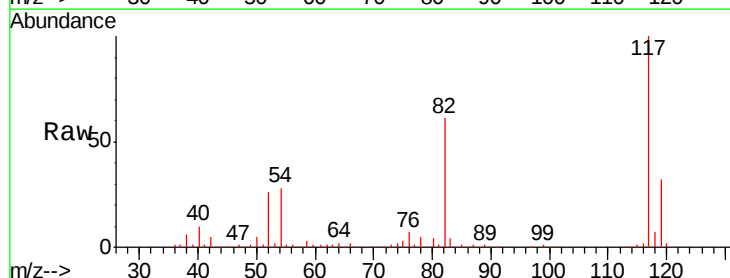
Tgt Ion: 117 Resp: 433769

Ion Ratio Lower Upper

117 100

82 60.8 46.5 69.7

119 32.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052416.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052416.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052416.D (-2903) (-)

11.41

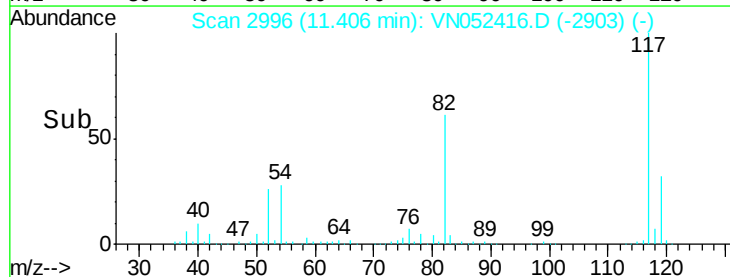
300000

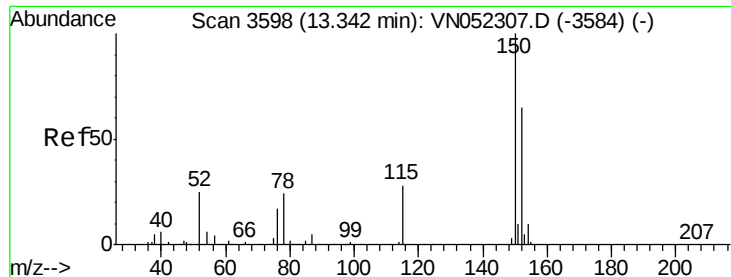
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052416.D

Acq: 20 Nov 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#10

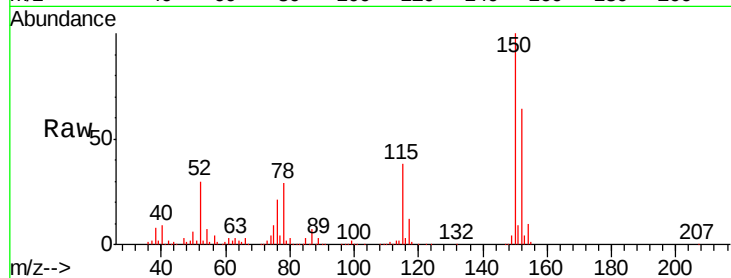
Tgt Ion:152 Resp: 150315

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 157.4 0.0 348.2



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

