

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053764.D
 Acq On : 13 Feb 2019 19:16
 Operator : JC/SP
 Sample : K1343-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-N

Quant Time: Feb 14 01:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

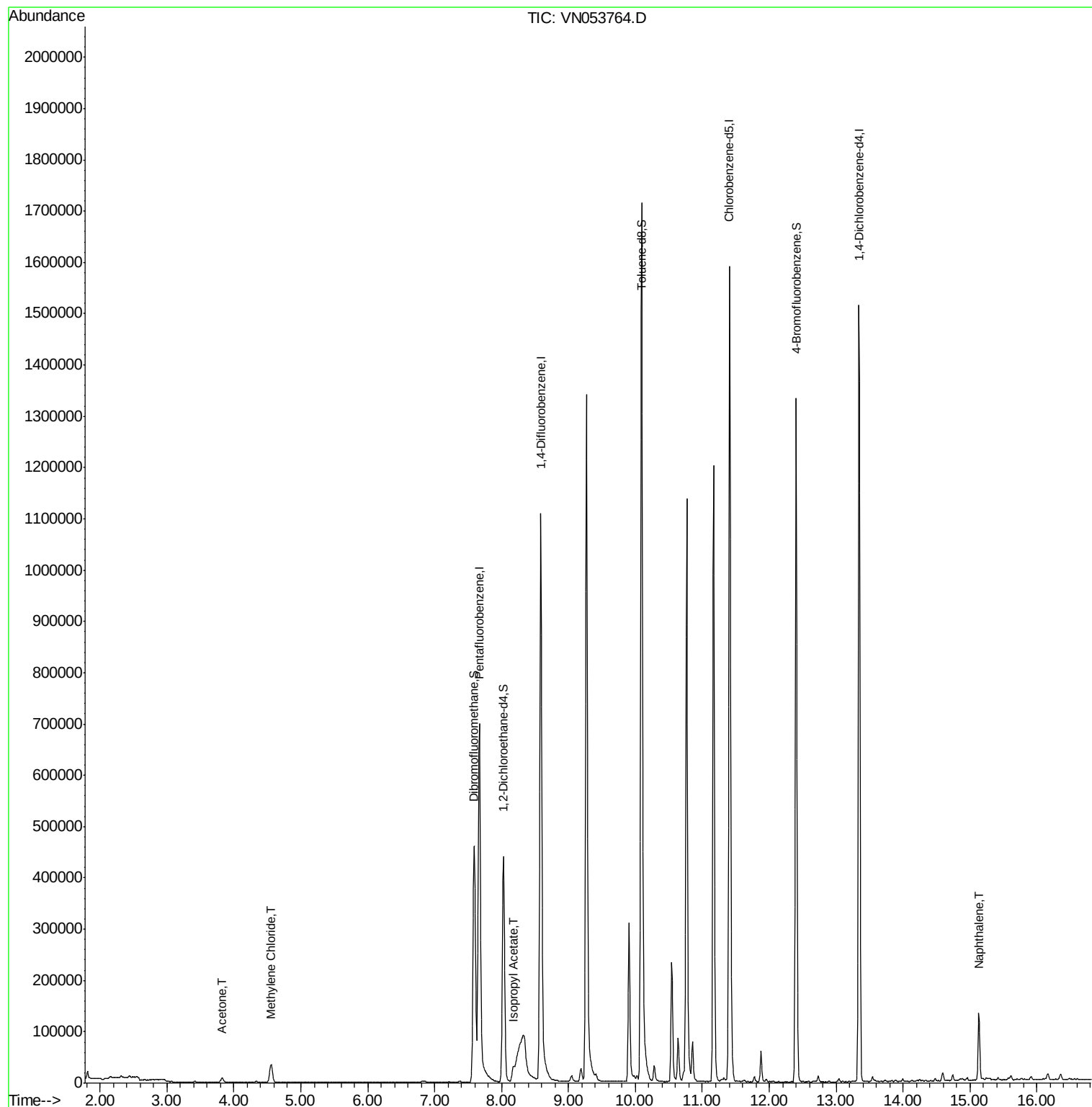
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	698219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1075911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	442371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	373001	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
35) Dibromofluoromethane	7.59	113	368913	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	10.09	98	1402123	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	466107	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
Target Compounds						
16) Acetone	3.82	43	16236	9.037	ug/l	100
20) Methylene Chloride	4.56	84	27993	3.714	ug/l	97
43) Isopropyl Acetate	8.17	43	35374	3.160	ug/l #	77
95) Naphthalene	15.13	128	117379	7.567	ug/l	98

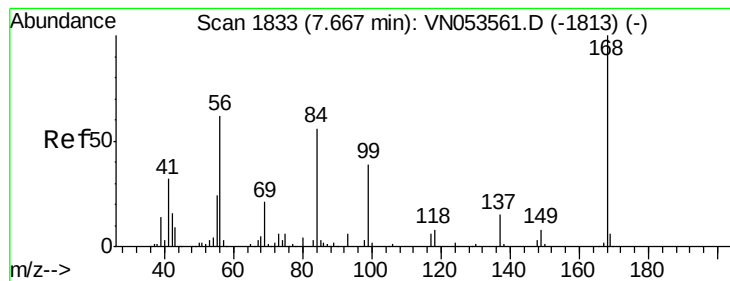
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053764.D

Acq: 13 Feb 2019 19:16

Instrument :

MSVOA_N

ClientSampleId :

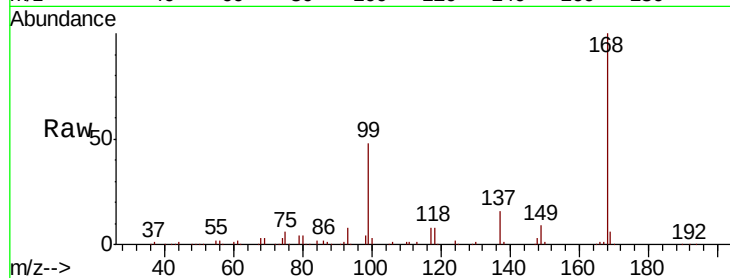
JC-02-021119-N

Tot Ion:168 Resp: 698219

Ion Ratio Lower Upper

168 100

99 47.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

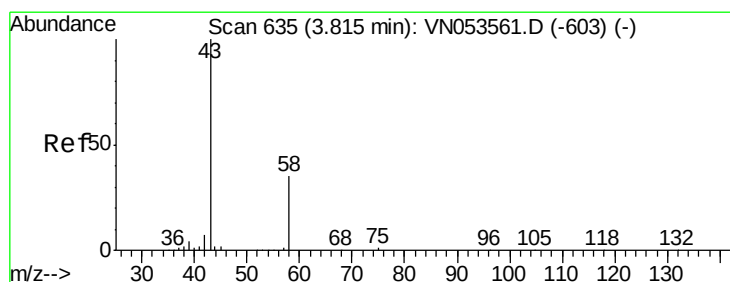
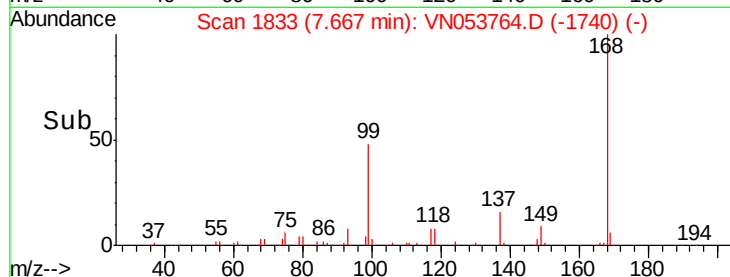
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 9.037 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053764.D

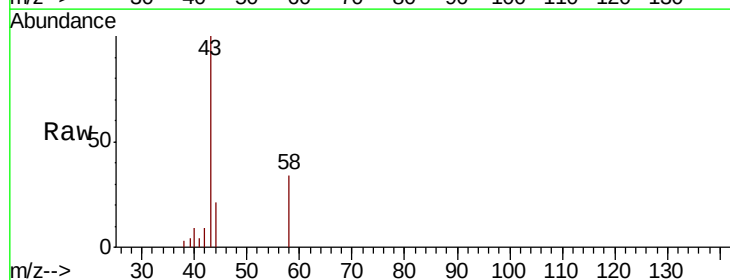
Acq: 13 Feb 2019 19:16

Tgt Ion: 43 Resp: 16236

Ion Ratio Lower Upper

43 100

58 33.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

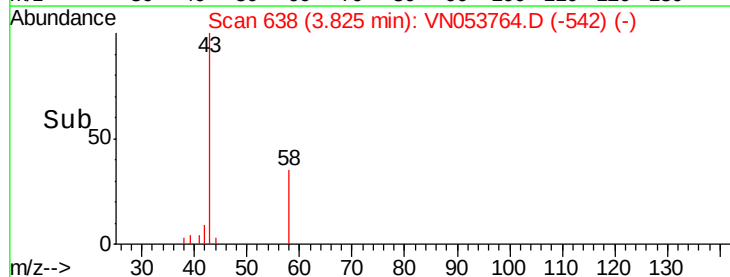
3000

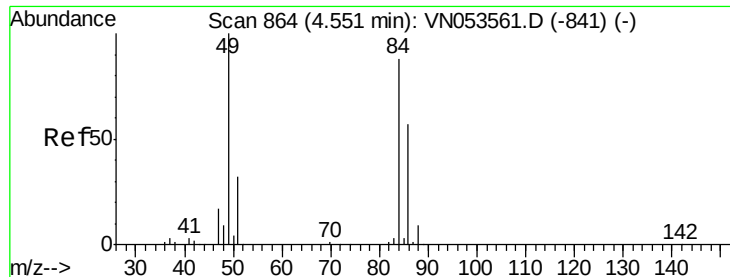
2000

1000

0

Time--> 3.70 3.80 3.90

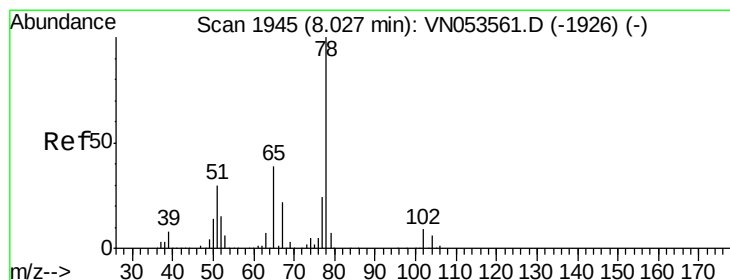
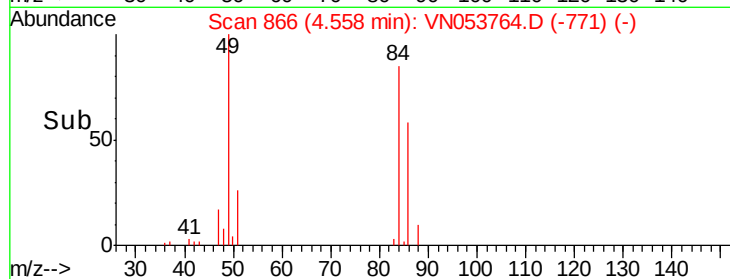
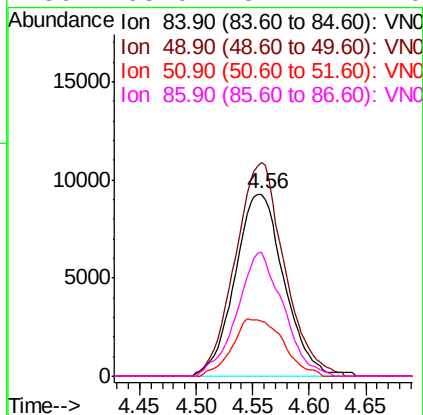
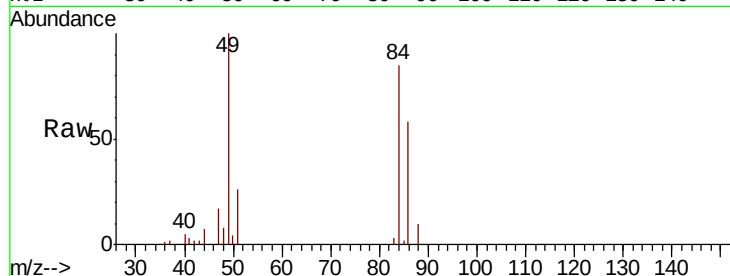




#20
Methylene Chloride
Concen: 3.714 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

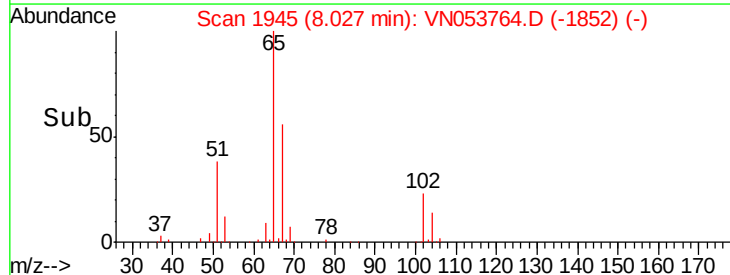
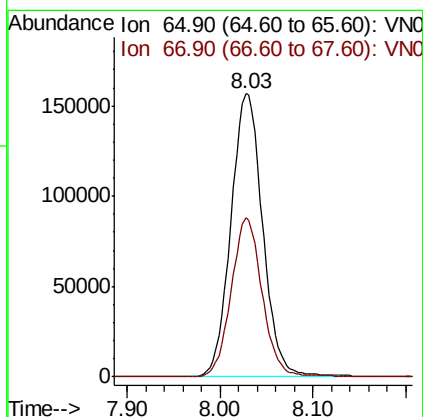
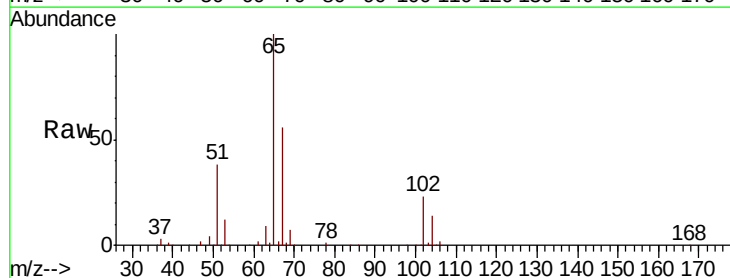
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-N

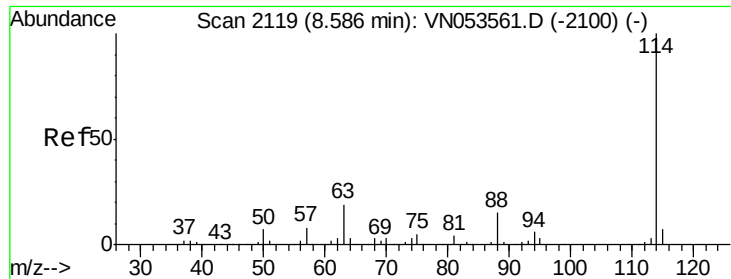
Tot Ion:	84	Resp:	27993
Ion	Ratio	Lower	Upper
84	100		
49	117.3	94.3	141.5
51	30.5	29.4	44.2
86	68.0	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.252 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053764.D
Acq: 13 Feb 2019 19:16

Tgt Ion:	65	Resp:	373001
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.2

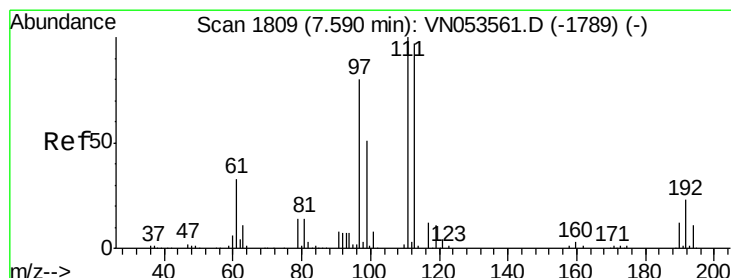
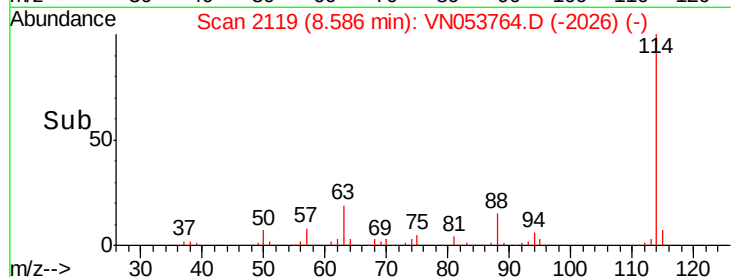
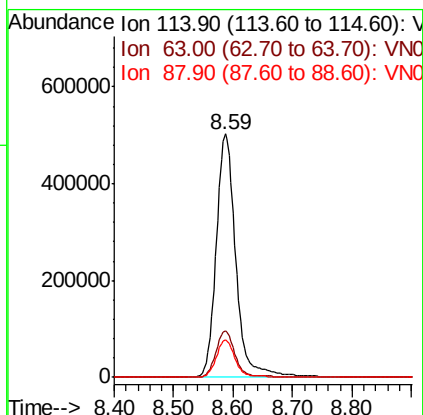
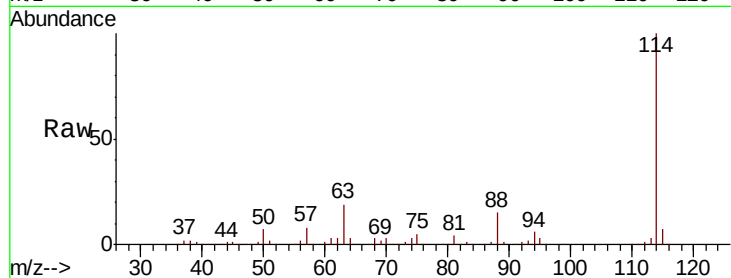




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053764.D
 Acq: 13 Feb 2019 19:16

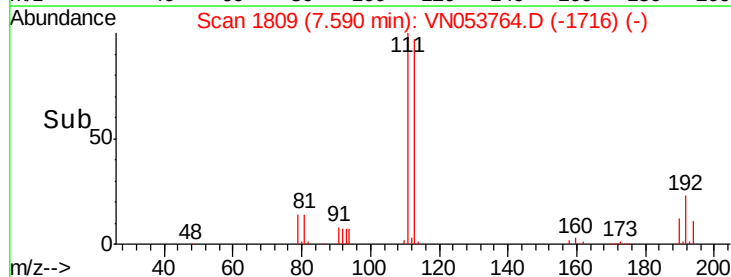
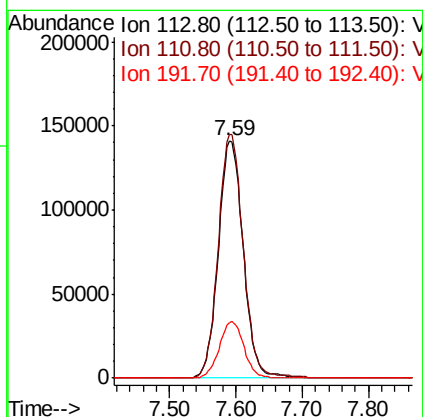
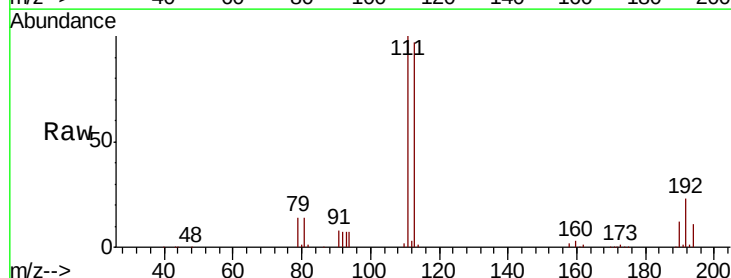
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-N

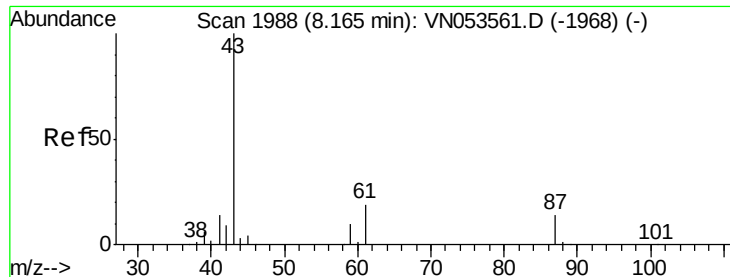
Tot Ion:114 Resp: 1151311
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.5 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.711 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053764.D
 Acq: 13 Feb 2019 19:16

Tgt Ion:113 Resp: 368913
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 23.5 18.2 27.2





#43

Isopropyl Acetate

Concen: 3.160 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053764.D

Acq: 13 Feb 2019 19:16

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-N

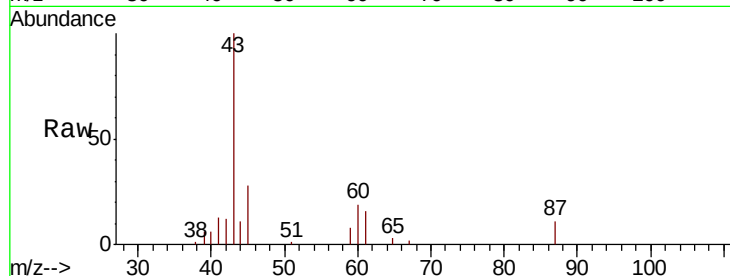
Tot Ion: 43 Resp: 35374

Ion Ratio Lower Upper

43 100

61 14.5 23.9 35.9#

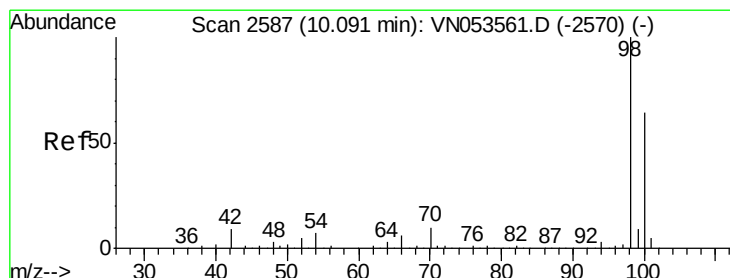
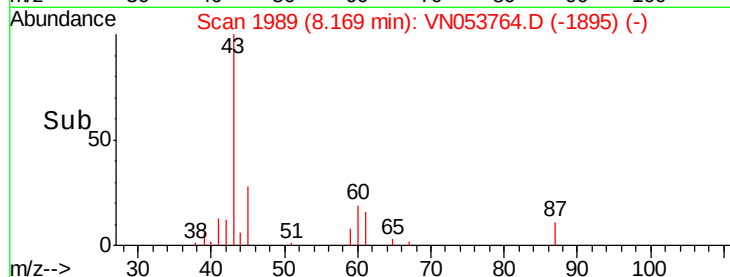
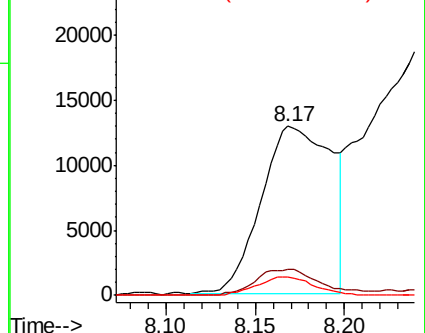
87 8.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053764.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053764.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053764.D (-1968) (-)



#50

Toluene-d8

Concen: 51.331 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053764.D

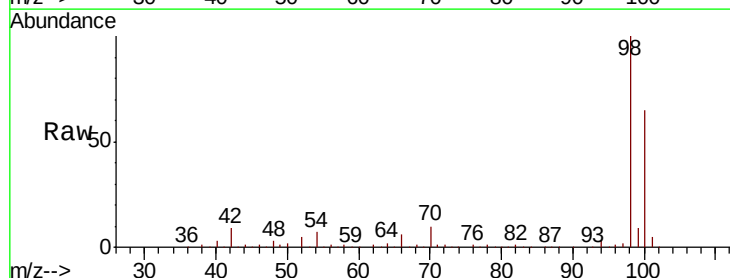
Acq: 13 Feb 2019 19:16

Tgt Ion: 98 Resp: 1402123

Ion Ratio Lower Upper

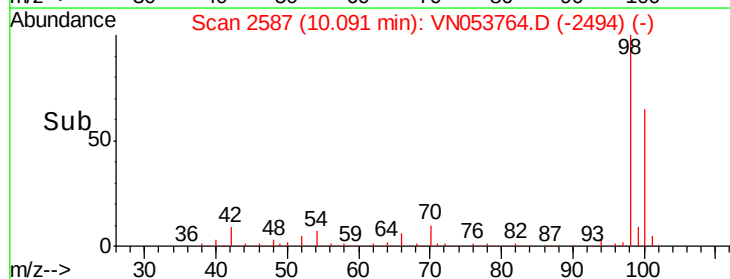
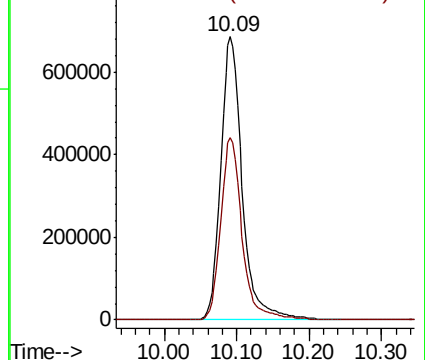
98 100

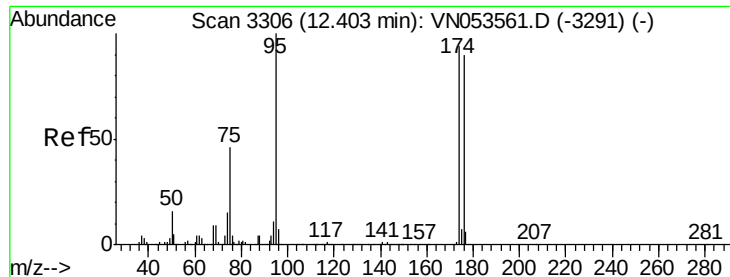
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053764.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053764.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 51.163 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053764.D

Acq: 13 Feb 2019 19:16

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-N

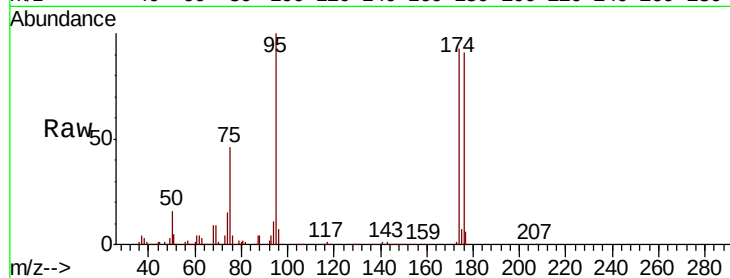
Tot Ion: 95 Resp: 466107

Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

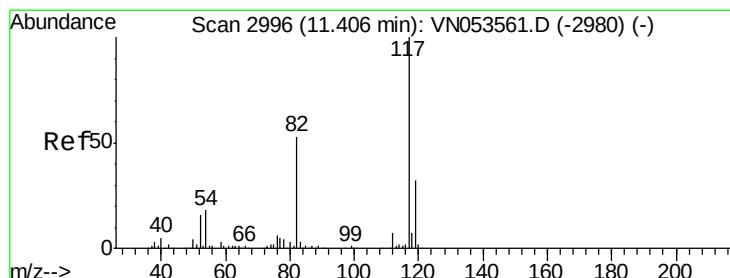
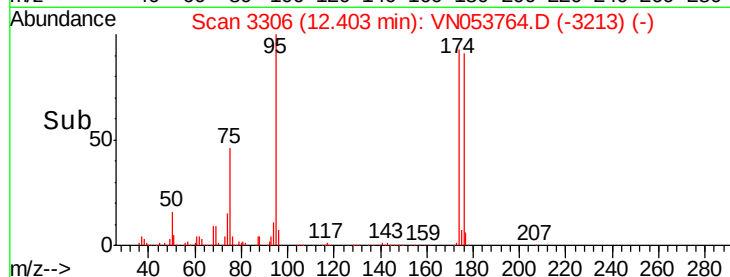
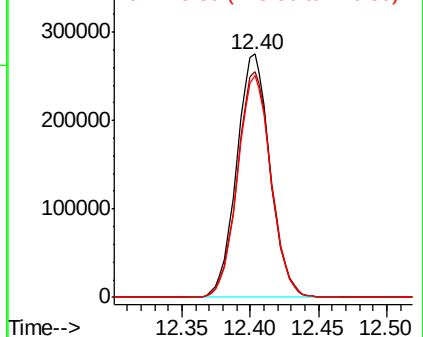
176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053764.D

Acq: 13 Feb 2019 19:16

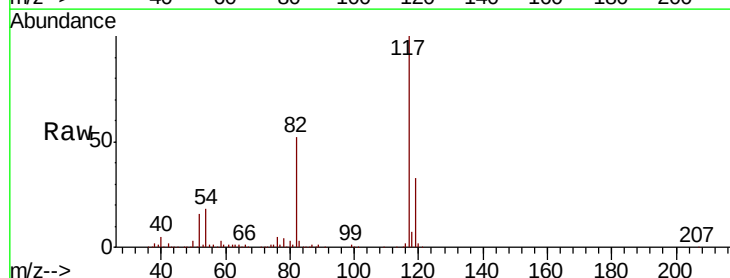
Tgt Ion: 117 Resp: 1075911

Ion Ratio Lower Upper

117 100

82 52.0 42.9 64.3

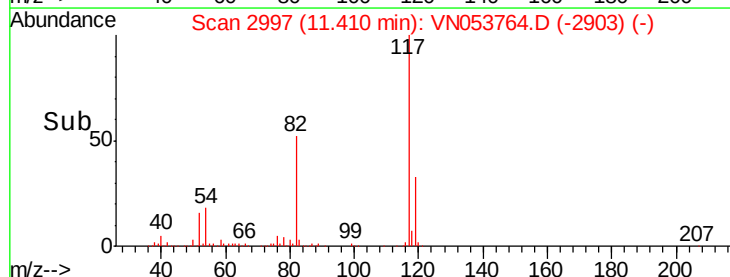
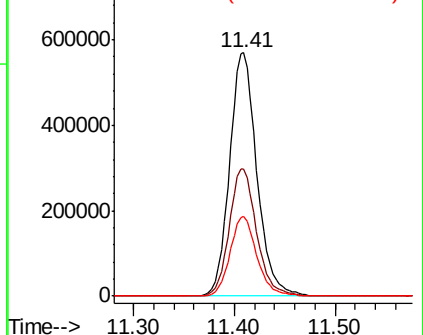
119 32.7 26.0 39.0

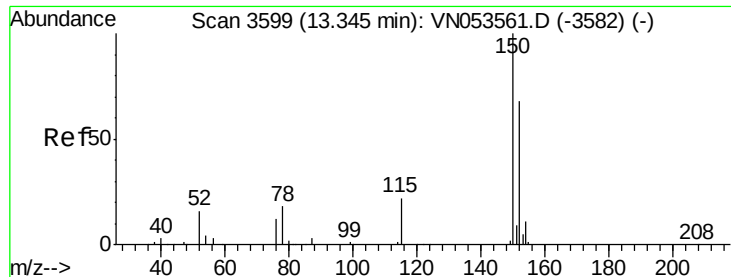


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053764.D

Acq: 13 Feb 2019 19:16

Instrument :

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ClientSampleId :

JC-02-021119-N

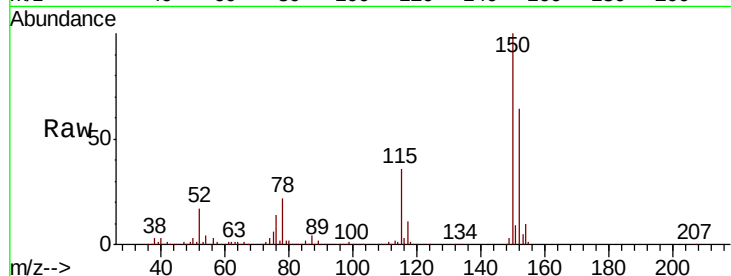
Tot Ion:152 Resp: 442371

Ion Ratio Lower Upper

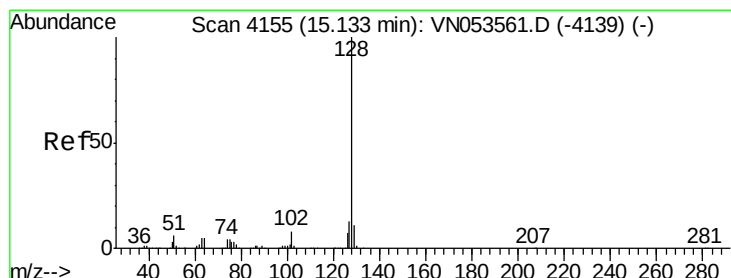
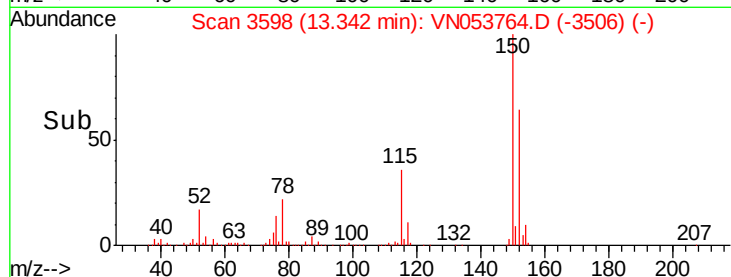
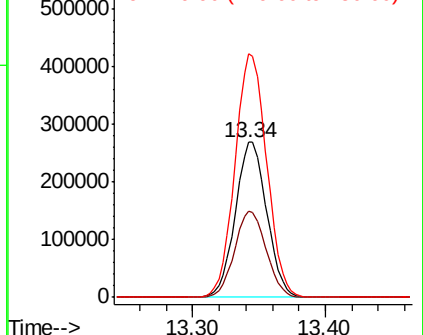
152 100

115 55.8 27.8 83.4

150 158.4 0.0 349.0



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



#95

Naphthalene

Concen: 7.567 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053764.D

Acq: 13 Feb 2019 19:16

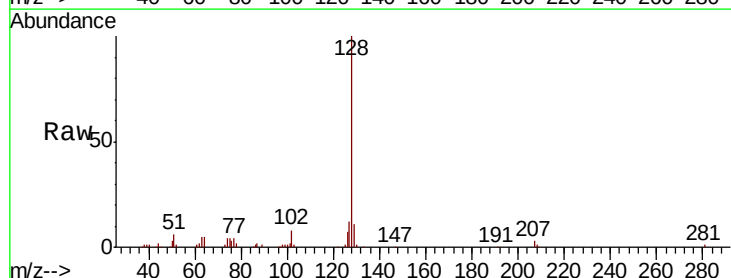
Tgt Ion:128 Resp: 117379

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

