

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053752.D
 Acq On : 13 Feb 2019 13:54
 Operator : JC/SP
 Sample : K1343-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 14 00:52:16 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

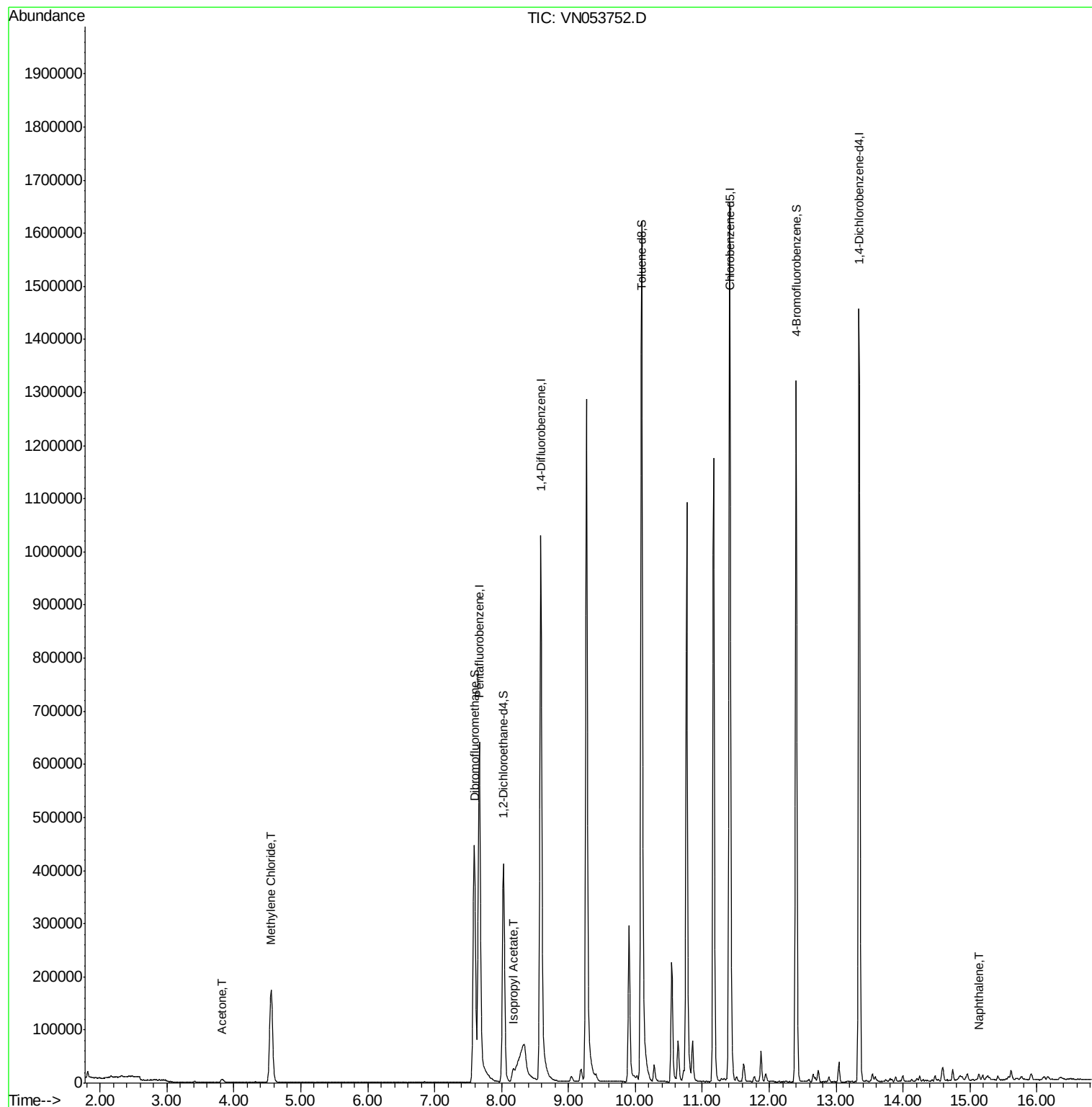
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	668769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1099362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352640	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	7.59	113	351214	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.09	98	1326835	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	462071	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
Target Compounds						
16) Acetone	3.82	43	12588	7.315	ug/l	95
20) Methylene Chloride	4.56	84	141251	19.564	ug/l	96
43) Isopropyl Acetate	8.17	43	30790	2.894	ug/l #	82
95) Naphthalene	15.13	128	10644	2.283	ug/l	97

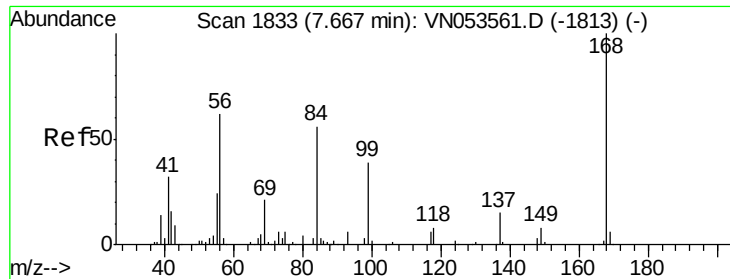
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053752.D

Acq: 13 Feb 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

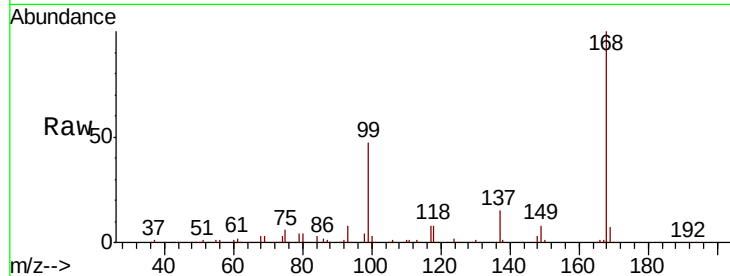
JC-02-021119-C

Tot Ion:168 Resp: 668769

Ion Ratio Lower Upper

168 100

99 47.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053752.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053752.D (-1740) (-)

7.67

250000

200000

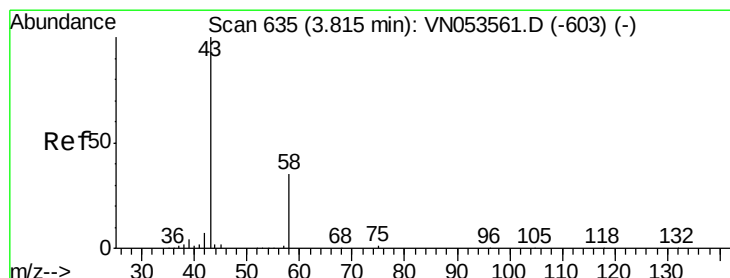
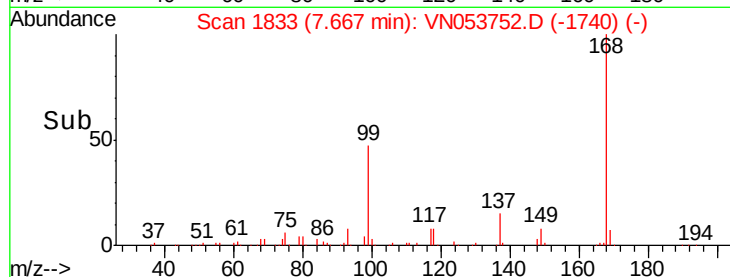
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.315 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053752.D

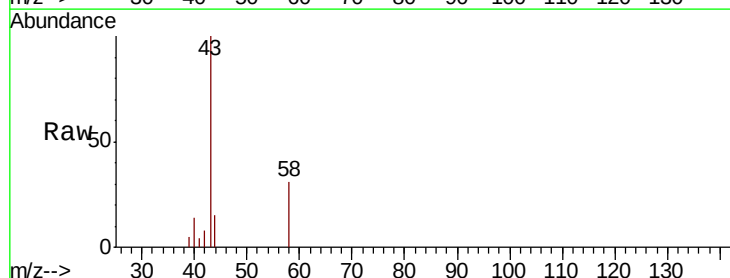
Acq: 13 Feb 2019 13:54

Tgt Ion: 43 Resp: 12588

Ion Ratio Lower Upper

43 100

58 31.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053752.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053752.D (-542) (-)

3.82

5000

4000

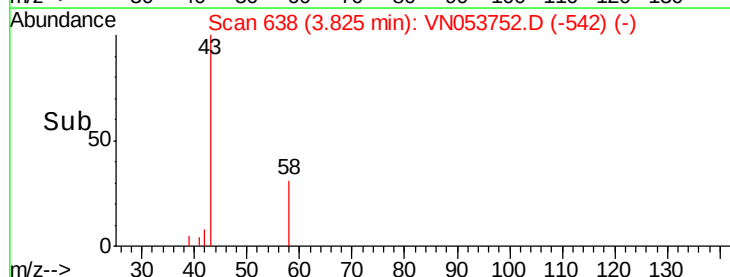
3000

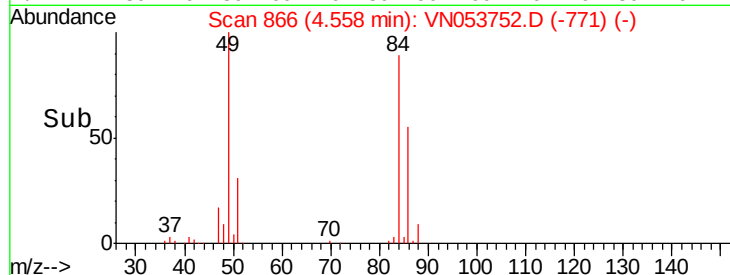
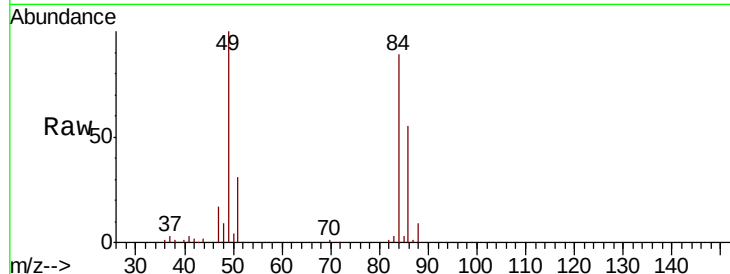
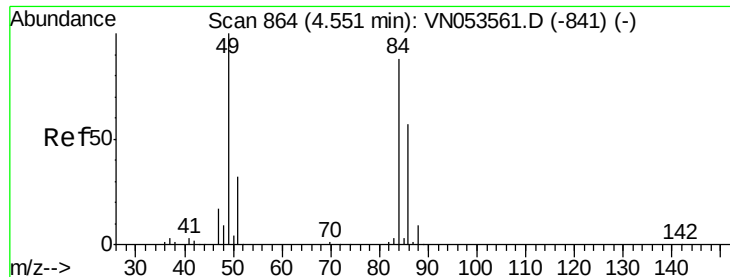
2000

1000

0

Time-->

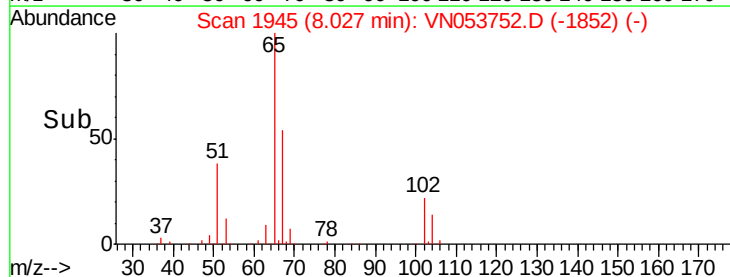
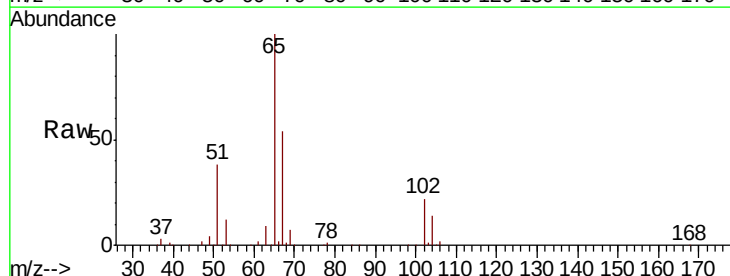
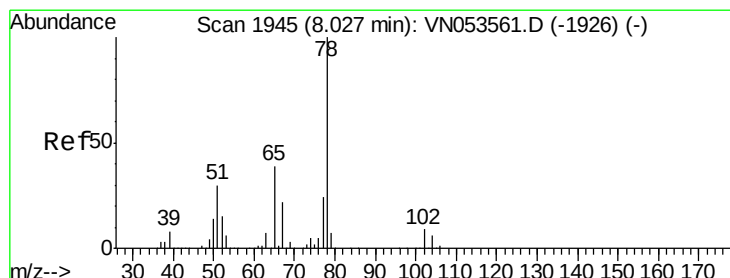
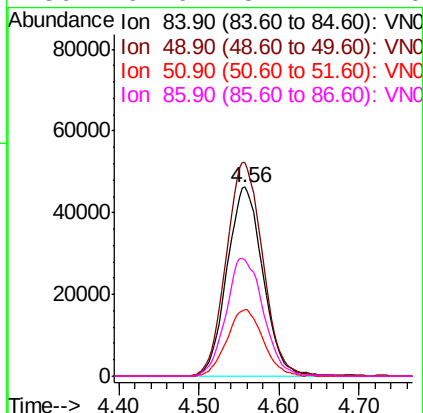




#20
Methylene Chloride
Concen: 19.564 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053752.D
Acq: 13 Feb 2019 13:54

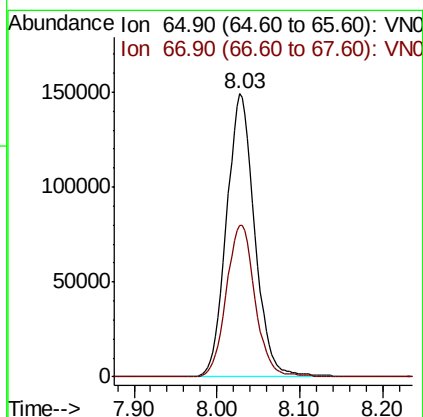
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-C

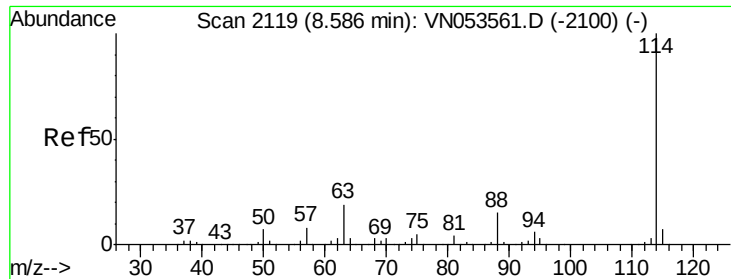
Tot Ion:	84	Resp:	141251
Ion	Ratio	Lower	Upper
84	100		
49	112.8	94.3	141.5
51	35.3	29.4	44.2
86	61.6	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.562 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053752.D
Acq: 13 Feb 2019 13:54

Tgt Ion:	65	Resp:	352640
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2

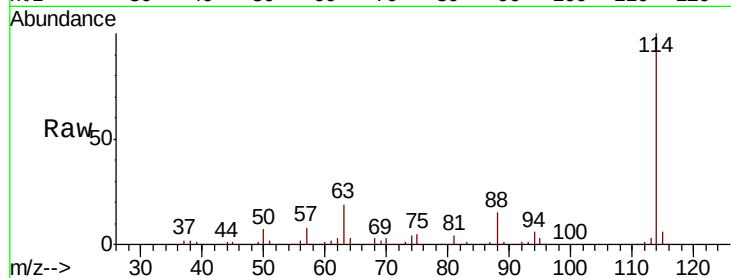




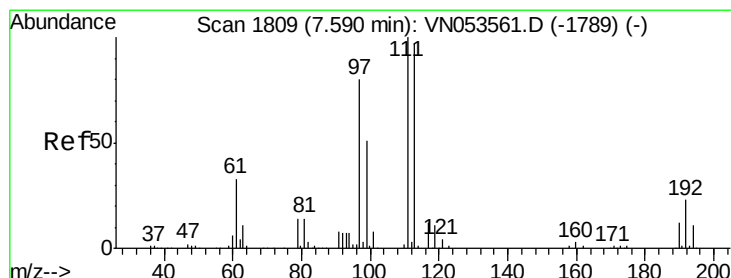
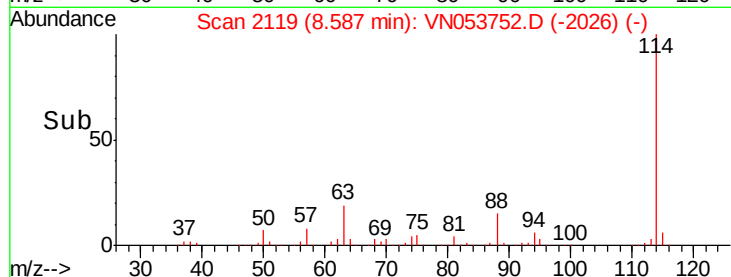
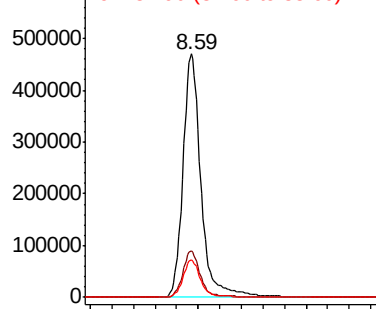
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053752.D
Acq: 13 Feb 2019 13:54

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

Tot Ion:114 Resp: 1094429
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.3 0.0 30.4

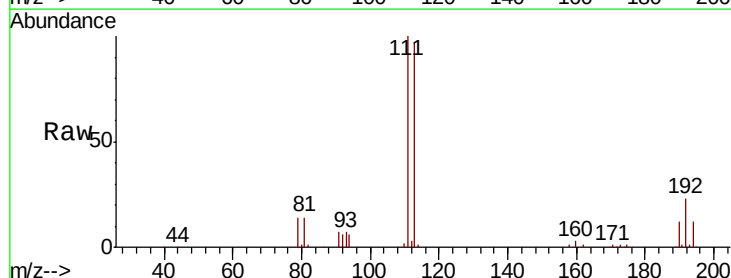


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

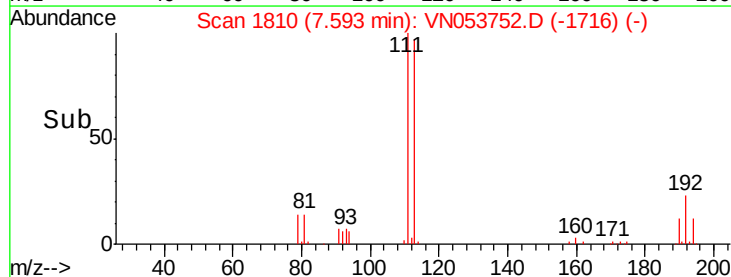
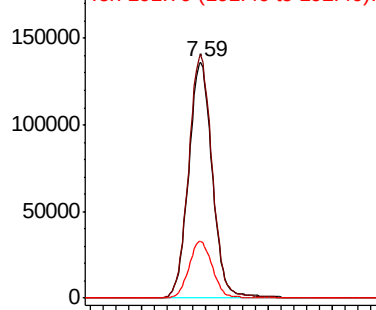


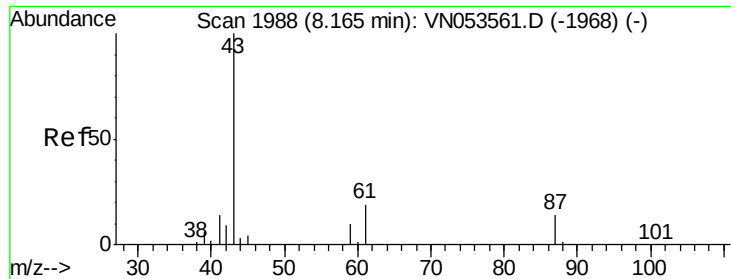
#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053752.D
Acq: 13 Feb 2019 13:54

Tgt Ion:113 Resp: 351214
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 23.9 18.2 27.2



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: 2.894 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053752.D

Acq: 13 Feb 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-C

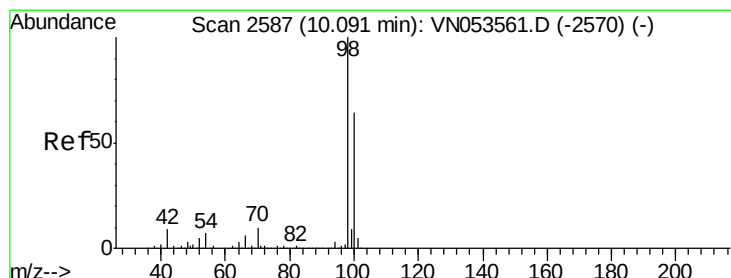
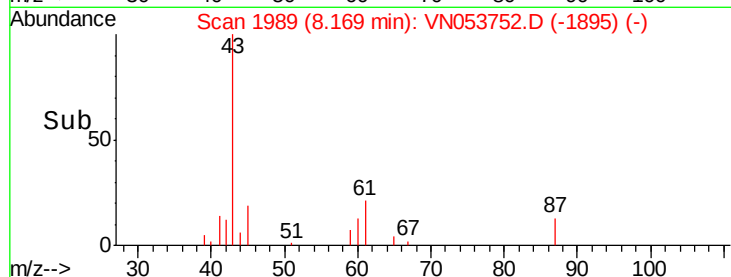
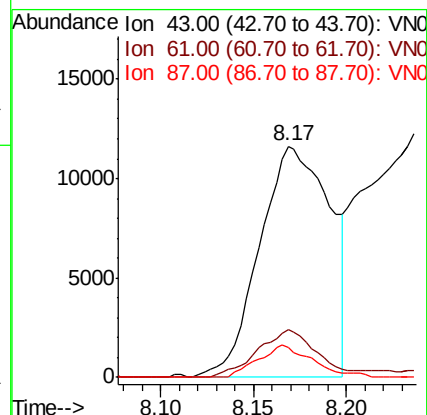
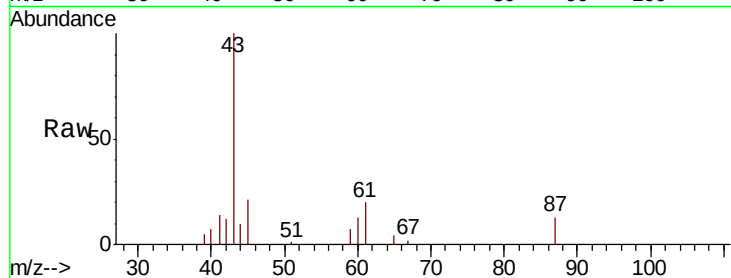
Tot Ion: 43 Resp: 30790

Ion Ratio Lower Upper

43 100

61 17.6 23.9 35.9#

87 10.7 11.0 16.6#



#50

Toluene-d8

Concen: 51.099 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053752.D

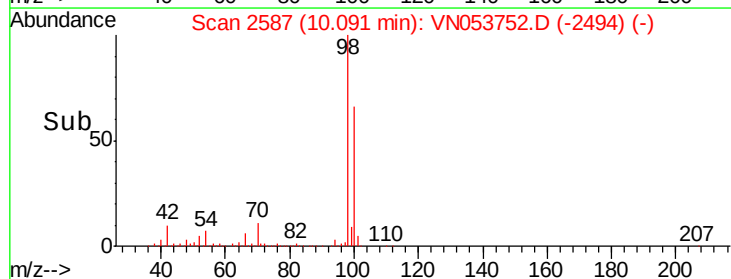
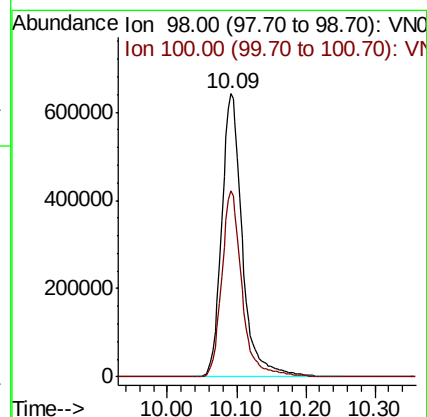
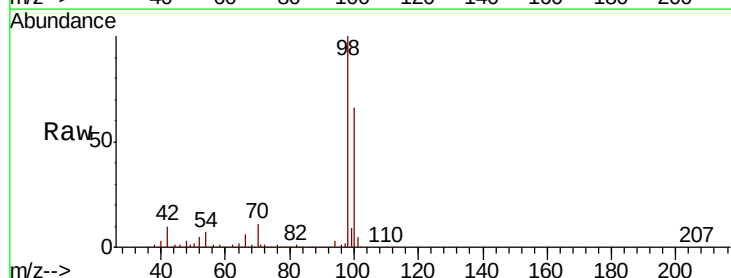
Acq: 13 Feb 2019 13:54

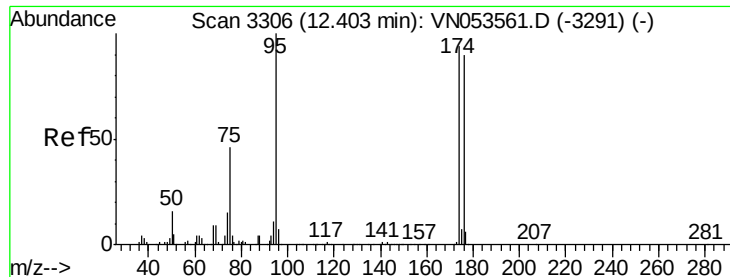
Tgt Ion: 98 Resp: 1326835

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 53.357 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053752.D

Acq: 13 Feb 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-C

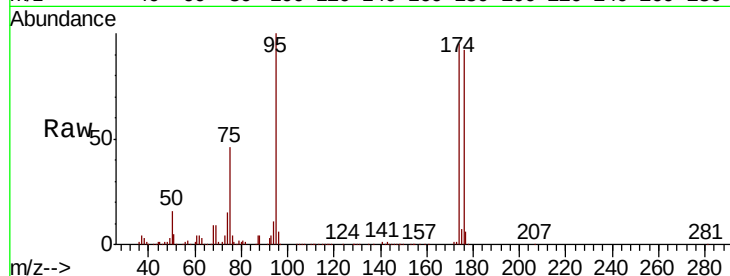
Tot Ion: 95 Resp: 462071

Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.2

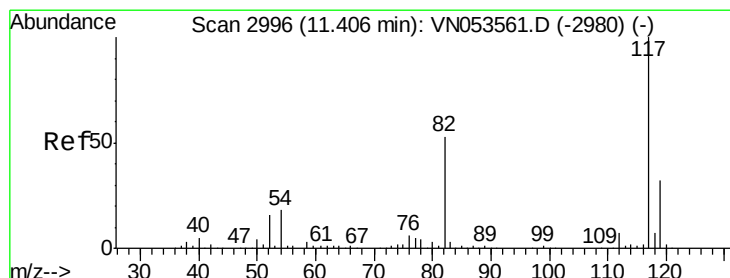
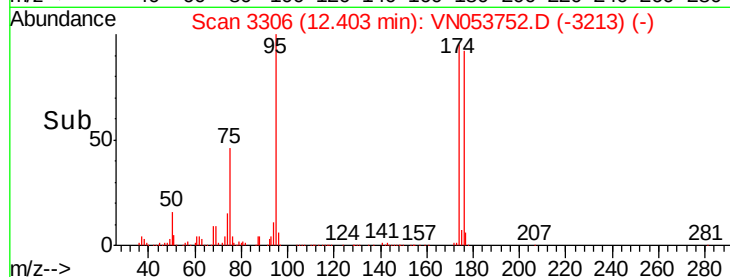
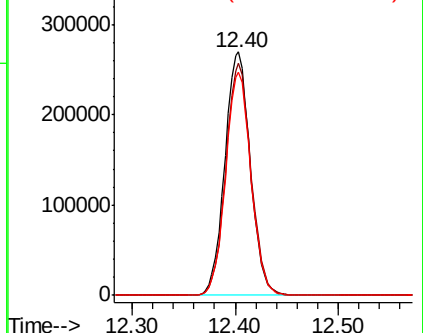
176 91.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053752.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN053752.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN053752.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053752.D

Acq: 13 Feb 2019 13:54

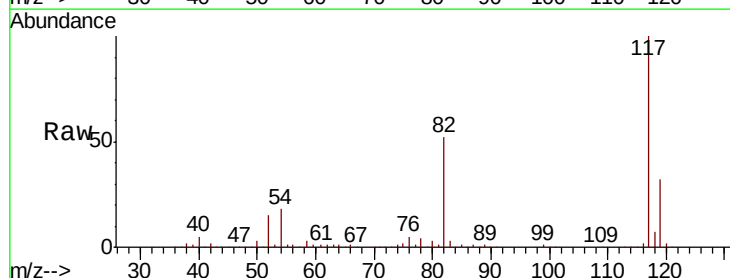
Tgt Ion: 117 Resp: 1099362

Ion Ratio Lower Upper

117 100

82 51.7 42.9 64.3

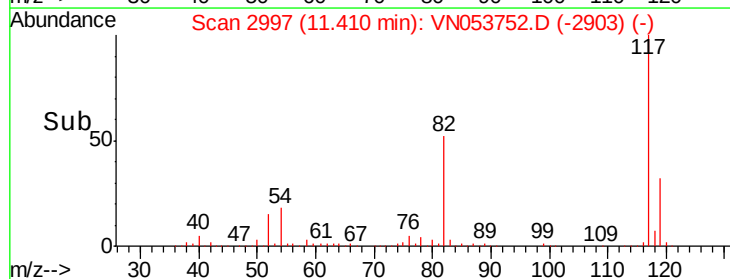
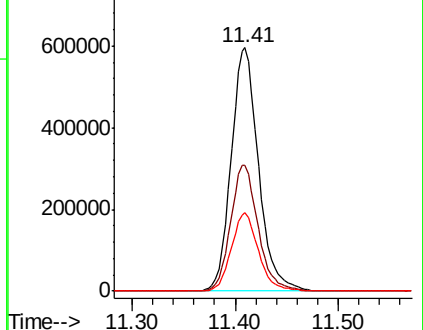
119 32.1 26.0 39.0

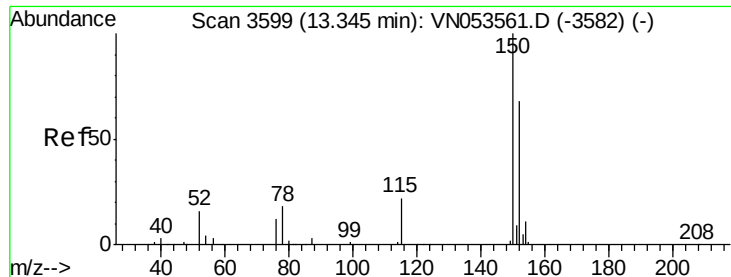


Abundance Ion 116.90 (116.60 to 117.60): VN053752.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053752.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053752.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053752.D

Acq: 13 Feb 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-C

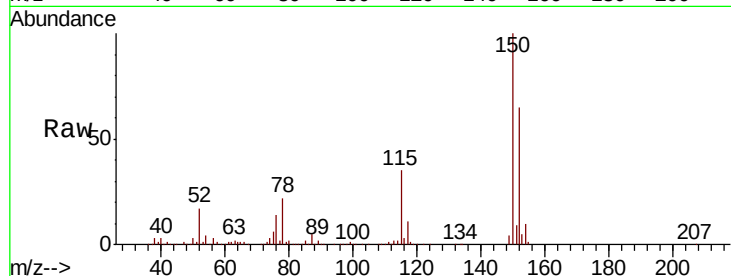
Tot Ion:152 Resp: 427682

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

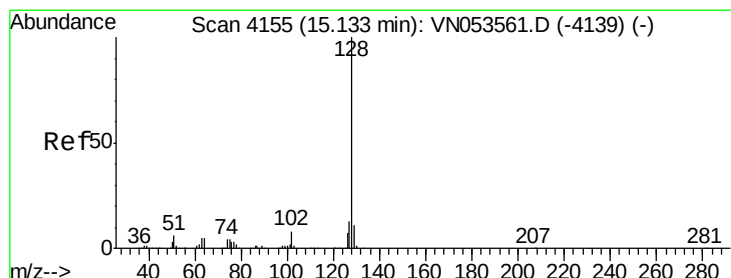
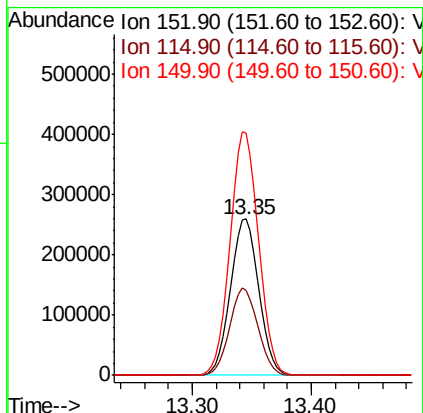
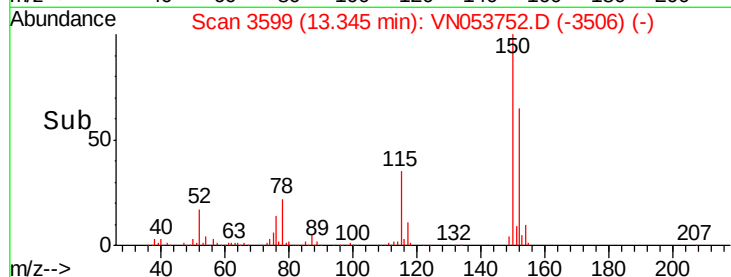
150 156.5 0.0 349.0



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: 2.283 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053752.D

Acq: 13 Feb 2019 13:54

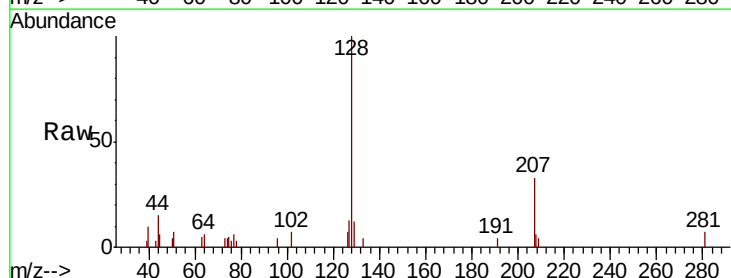
Tgt Ion:128 Resp: 10644

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.8 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

