

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053763.D
 Acq On : 13 Feb 2019 18:49
 Operator : JC/SP
 Sample : K1343-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 14 01:21:48 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

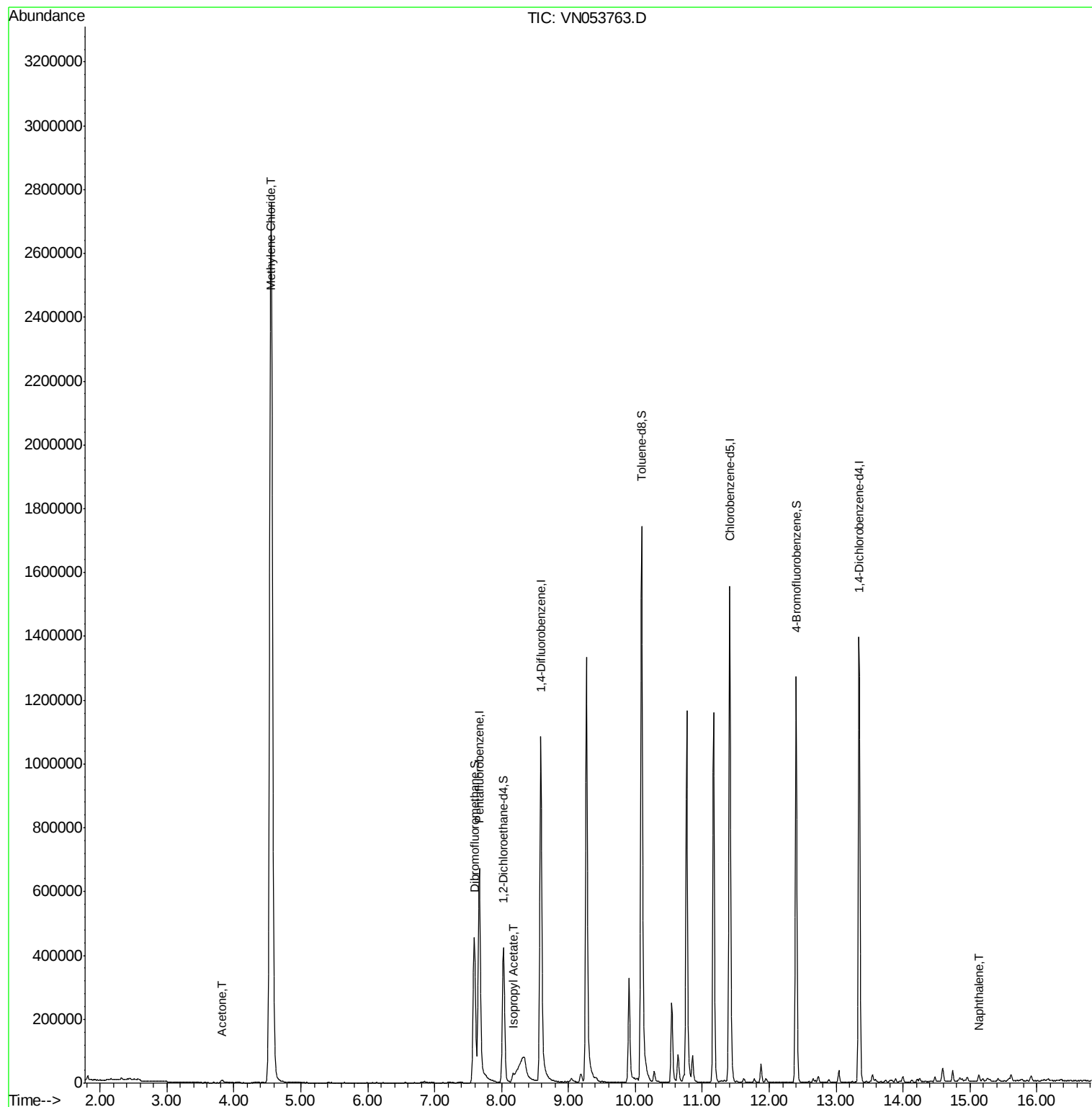
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	668358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1153206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1040055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	363858	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.59	113	360376	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.09	98	1459846	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.40	95	446244	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
16) Acetone	3.82	43	13367	7.772	ug/l	94
20) Methylene Chloride	4.55	84	2200303	304.946	ug/l	99
43) Isopropyl Acetate	8.17	43	27374	2.441	ug/l #	83
95) Naphthalene	15.13	128	18036	2.685	ug/l	100

(#) = 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: VN053763.D

Acq: 13 Feb 2019 18:49

Instrument :

MSVOA_N

ClientSampleId :

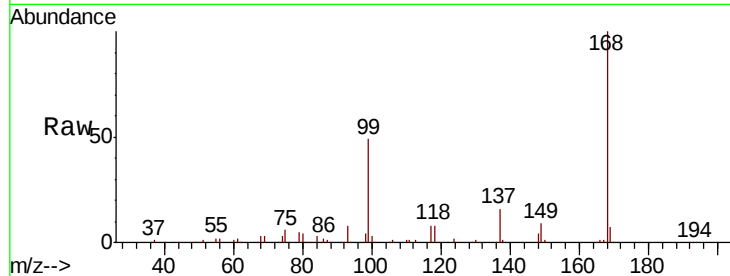
JC-02-021119-M

Tot Ion:168 Resp: 668358

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053763.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053763.D (-1740) (-)

7.67

250000

200000

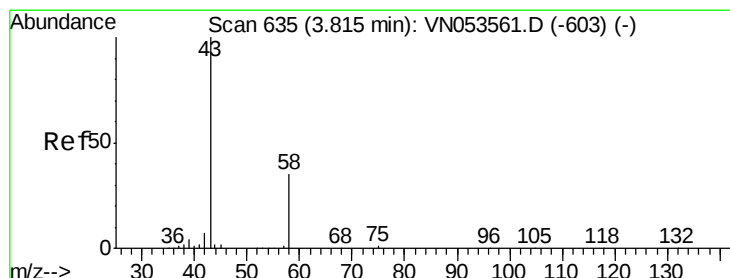
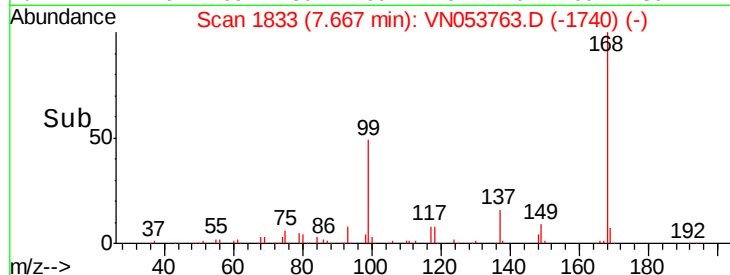
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.772 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053763.D

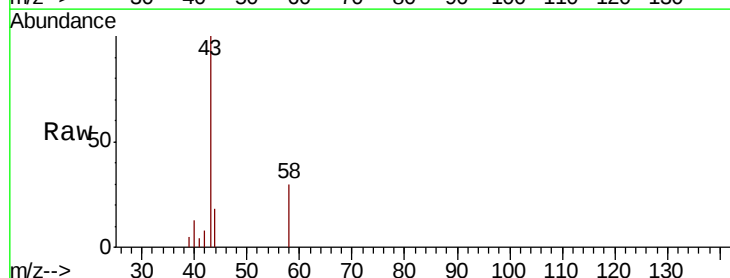
Acq: 13 Feb 2019 18:49

Tgt Ion: 43 Resp: 13367

Ion Ratio Lower Upper

43 100

58 30.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053763.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053763.D (-542) (-)

3.82

5000

4000

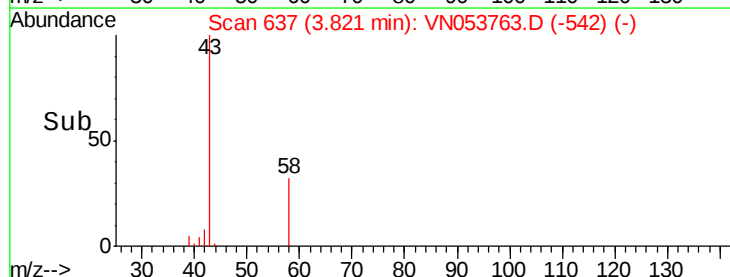
3000

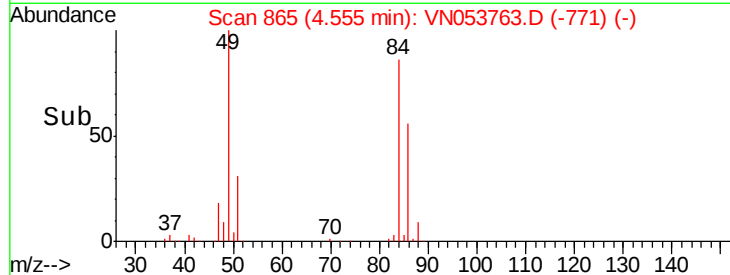
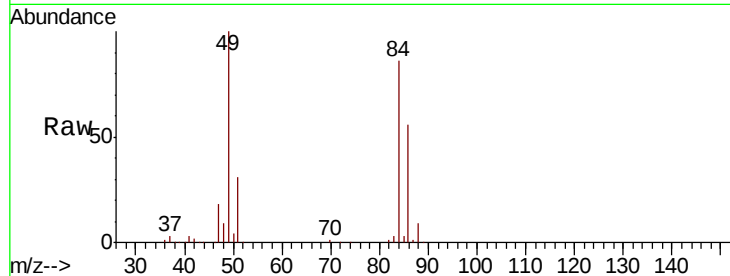
2000

1000

0

Time-->

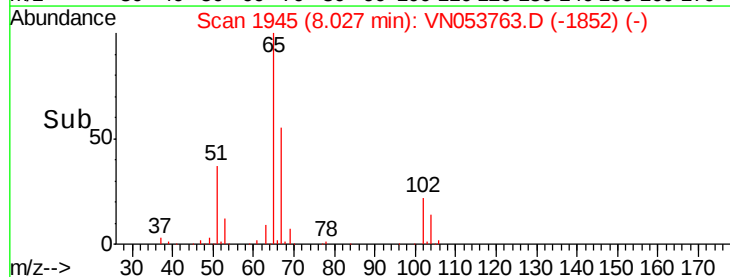
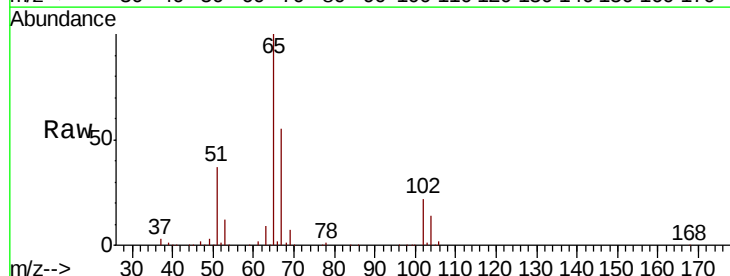
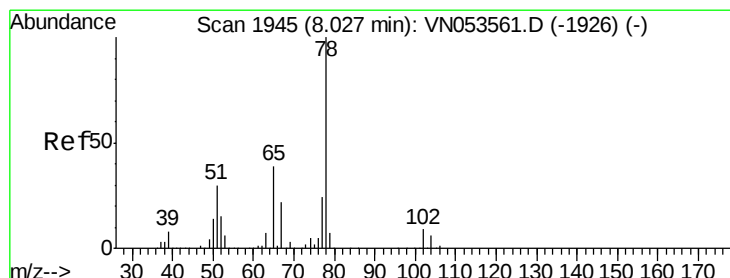
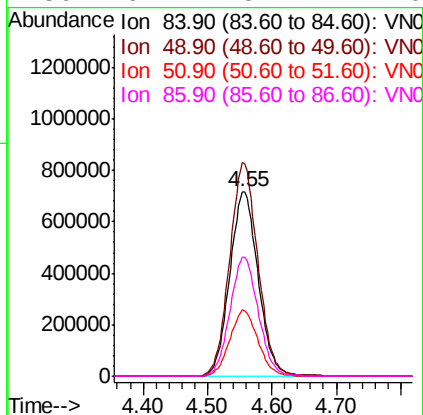




#20
Methvlene Chloride
Concen: 304.946 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053763.D
Acq: 13 Feb 2019 18:49

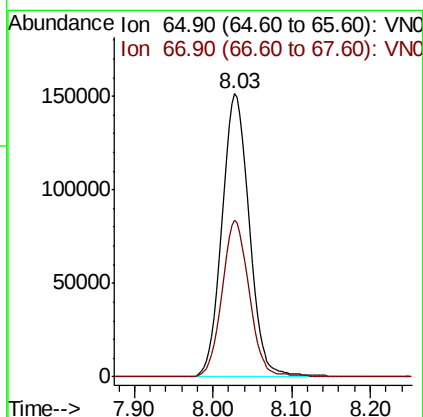
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-M

Tot Ion: 84 Resp: 2200303
Ion Ratio Lower Upper
84 100
49 115.7 94.3 141.5
51 35.8 29.4 44.2
86 64.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 54.267 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053763.D
Acq: 13 Feb 2019 18:49

Tgt Ion: 65 Resp: 363858
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2

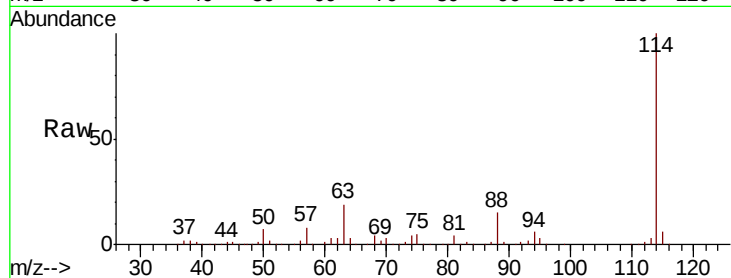




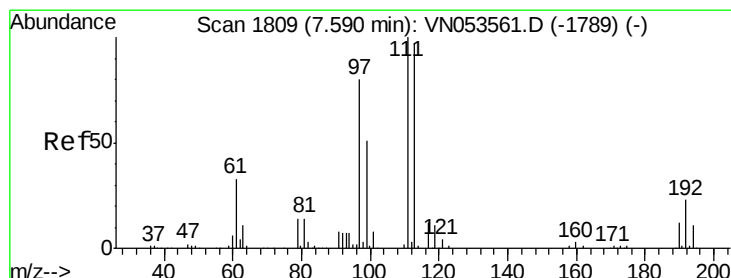
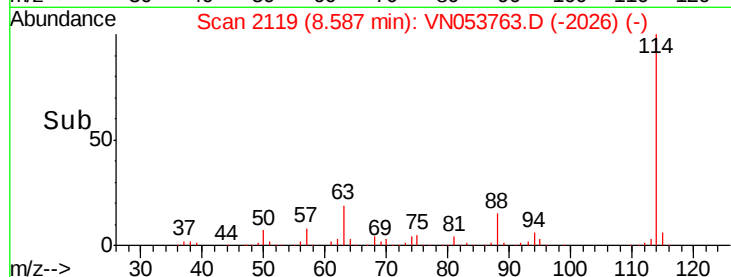
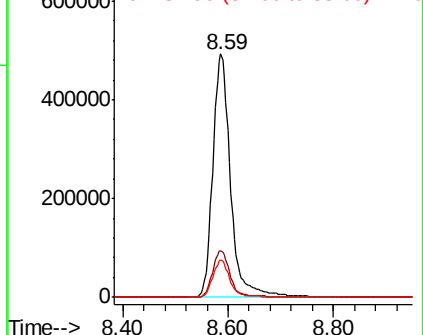
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053763.D
 Acq: 13 Feb 2019 18:49

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

Tot Ion:114 Resp: 1153206
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.2 0.0 30.4

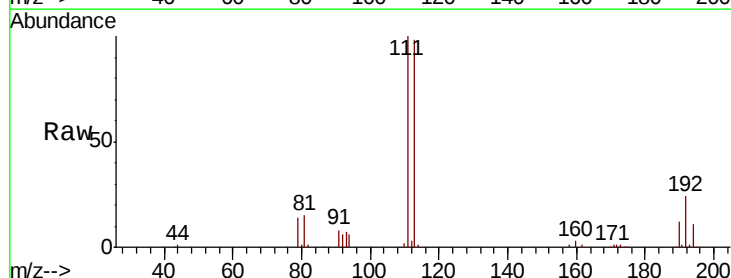


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

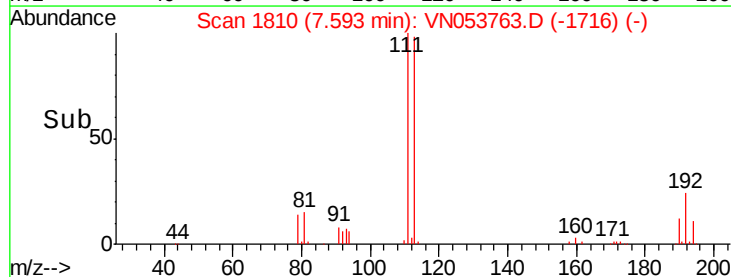
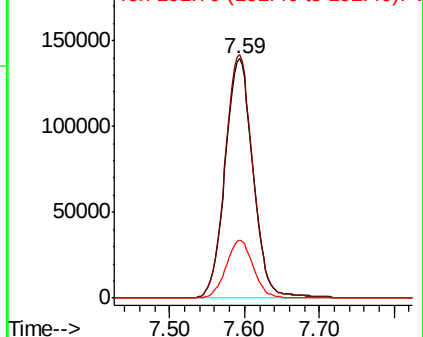


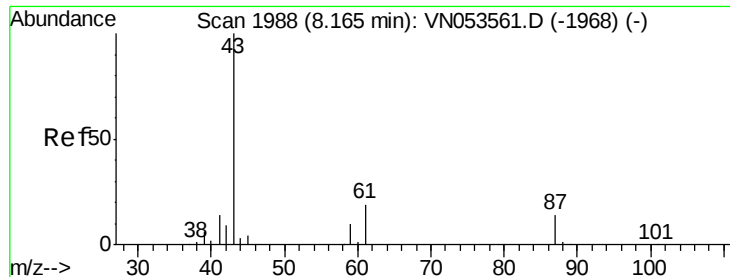
#35
 Dibromofluoromethane
 Concen: 49.456 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053763.D
 Acq: 13 Feb 2019 18:49

Tgt Ion:113 Resp: 360376
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.4 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: 2.441 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053763.D

Acq: 13 Feb 2019 18:49

Instrument :

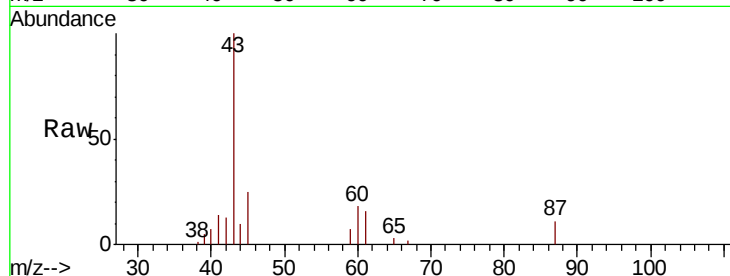
MSVOA_N

ClientSampleId :

JC-02-021119-M

Tot Ion: 43 Resp: 27374

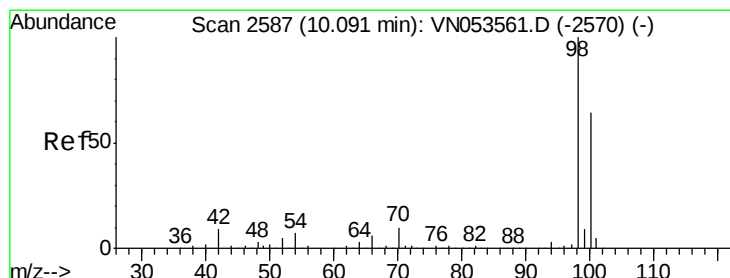
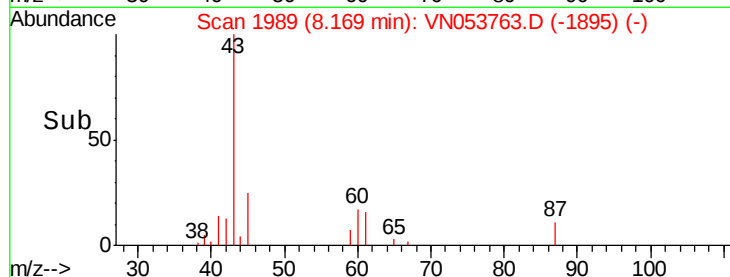
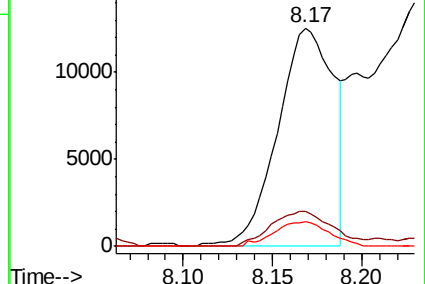
Ion	Ratio	Lower	Upper
43	100		
61	17.8	23.9	35.9#
87	11.2	11.0	16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053763.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053763.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053763.D (-1968) (-)



#50

Toluene-d8

Concen: 53.356 ug/l

RT: 10.09 min Scan# 2587

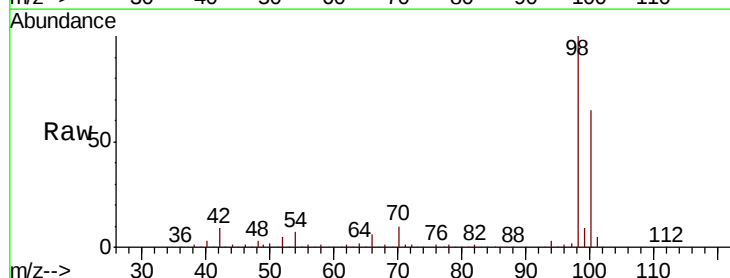
Delta R.T. 0.00 min

Lab File: VN053763.D

Acq: 13 Feb 2019 18:49

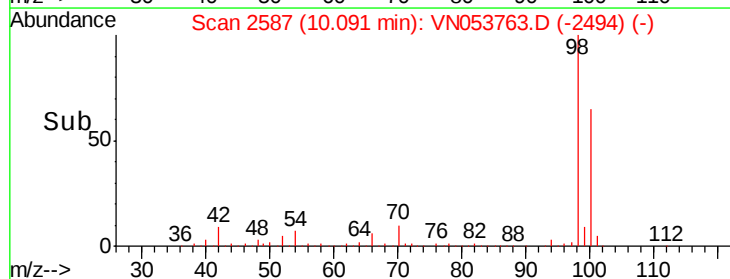
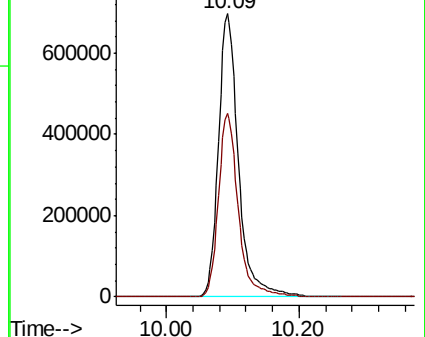
Tgt Ion: 98 Resp: 1459846

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053763.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053763.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 48.903 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053763.D

Acq: 13 Feb 2019 18:49

Instrument :

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ClientSampleId :

JC-02-021119-M

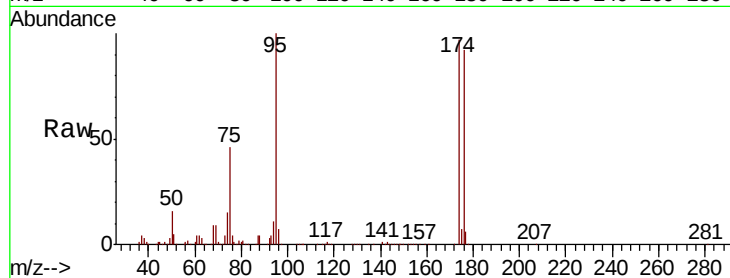
Tot Ion: 95 Resp: 446244

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.2

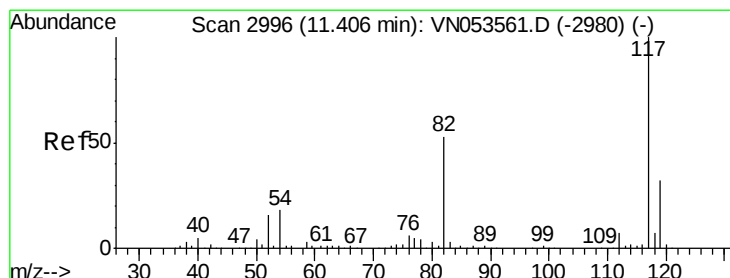
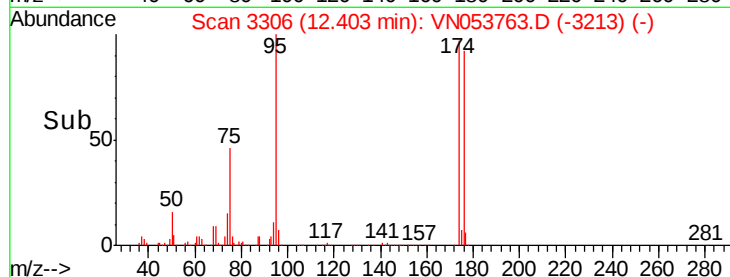
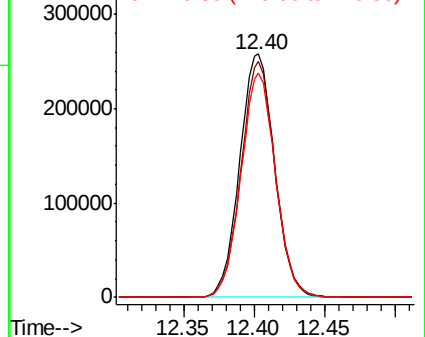
176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053763.D

Acq: 13 Feb 2019 18:49

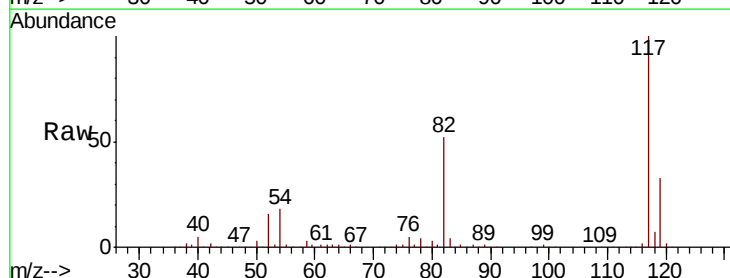
Tgt Ion: 117 Resp: 1040055

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

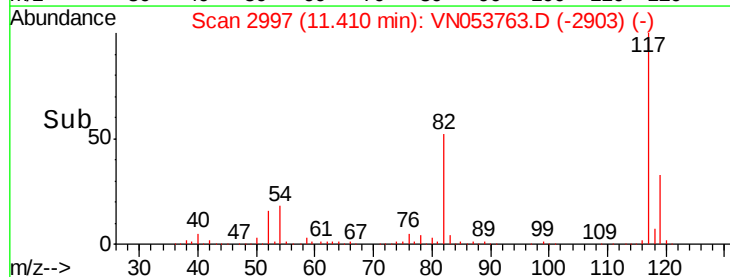
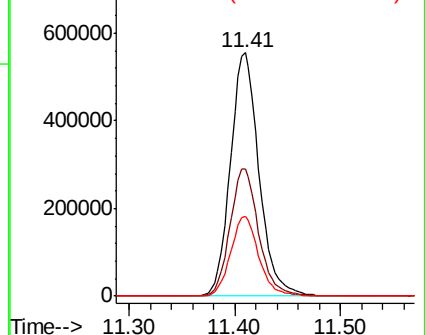
119 33.0 26.0 39.0

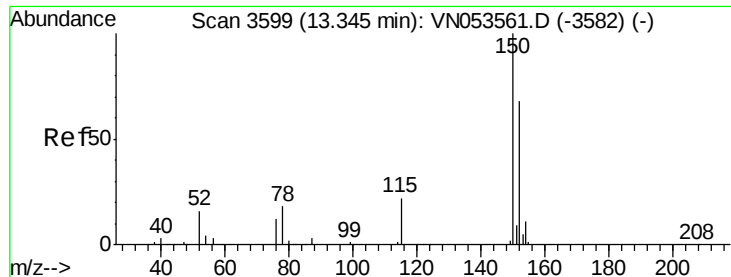


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053763.D

Acq: 13 Feb 2019 18:49

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-M

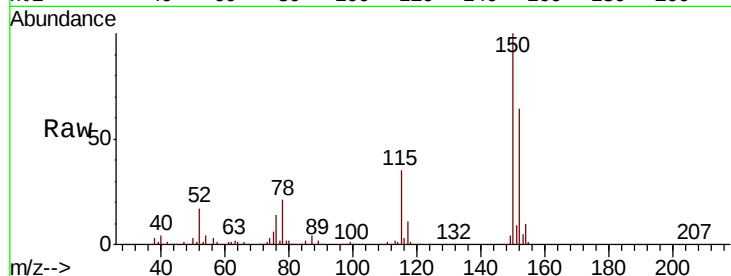
Tot Ion:152 Resp: 417614

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 158.0 0.0 349.0

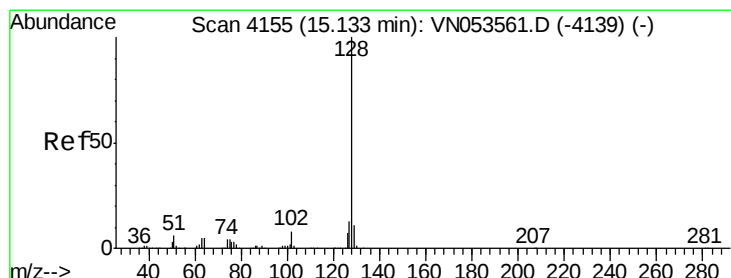
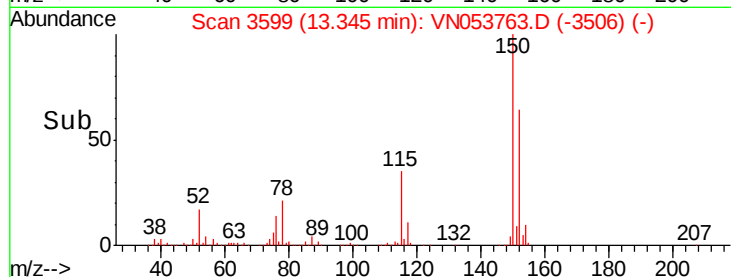
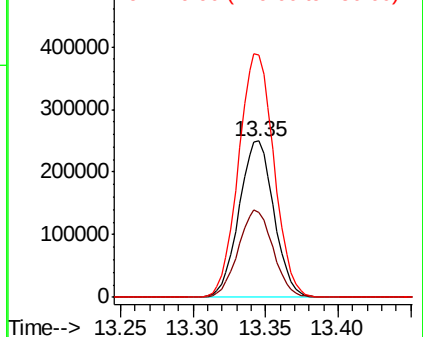


Abundance

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: 2.685 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053763.D

Acq: 13 Feb 2019 18:49

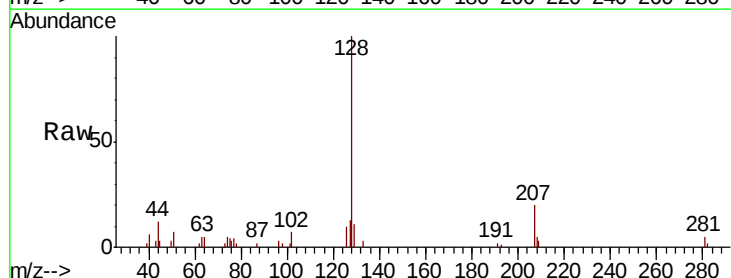
Tgt Ion:128 Resp: 18036

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 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

