

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053761.D
 Acq On : 13 Feb 2019 17:56
 Operator : JC/SP
 Sample : K1343-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 14 01:18:28 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

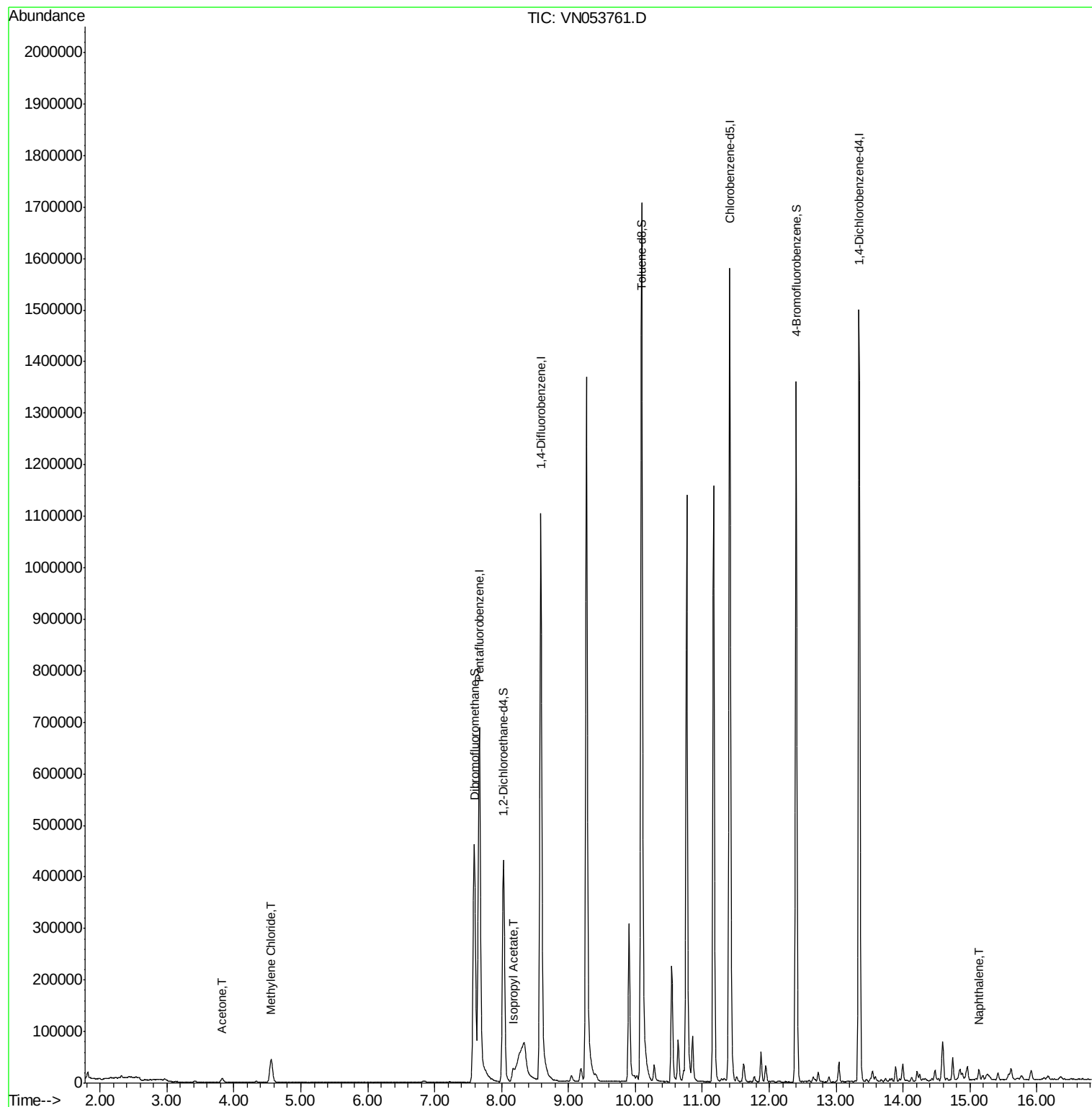
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1146763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1083264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	445827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	370225	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.59	113	362912	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1402147	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	472707	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
Target Compounds						
16) Acetone	3.82	43	14546	8.533	ug/l	96
20) Methylene Chloride	4.55	84	36186	5.060	ug/l	91
43) Isopropyl Acetate	8.17	43	31673	2.841	ug/l #	80
95) Naphthalene	15.14	128	18307	2.639	ug/l	98

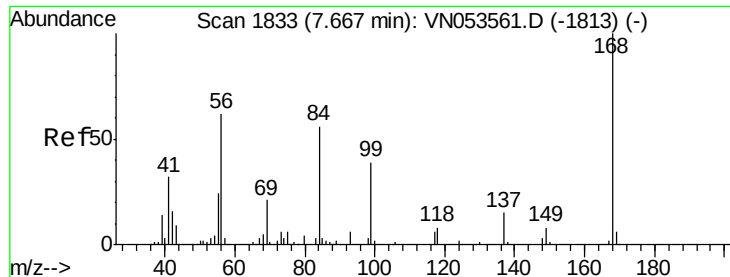
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021319\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
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: VN053761.D

Acq: 13 Feb 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

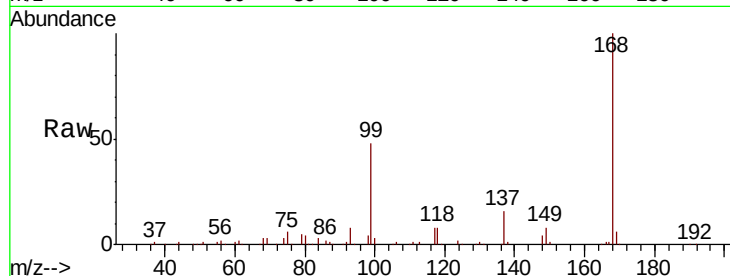
JC-02-021119-K

Tot Ion:168 Resp: 662467

Ion Ratio Lower Upper

168 100

99 48.3 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

250000

200000

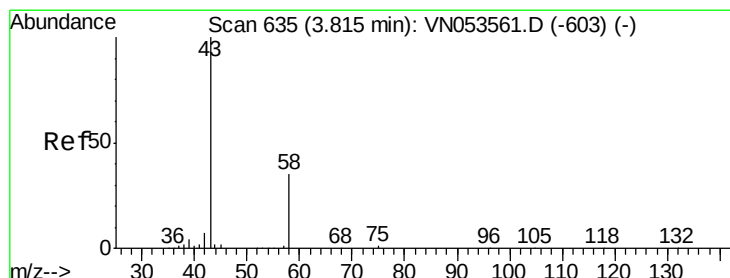
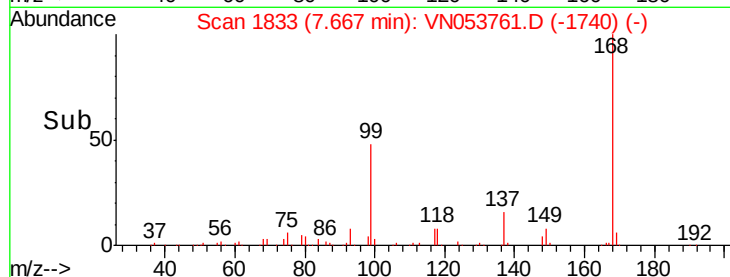
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.533 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053761.D

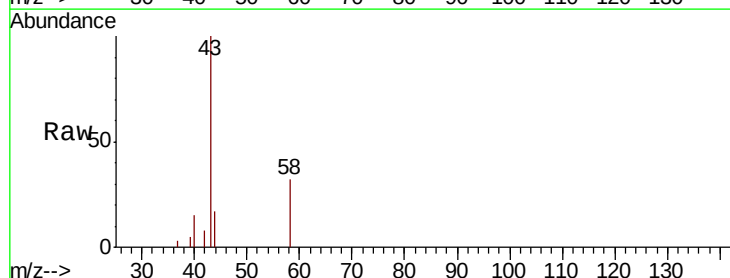
Acq: 13 Feb 2019 17:56

Tgt Ion: 43 Resp: 14546

Ion Ratio Lower Upper

43 100

58 31.8 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

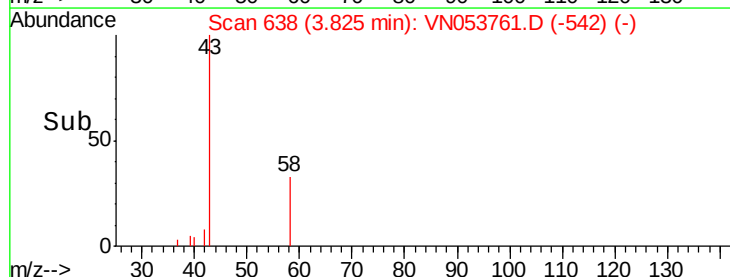
3000

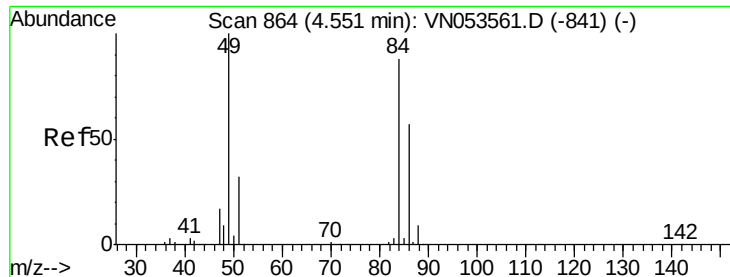
2000

1000

0

Time-->

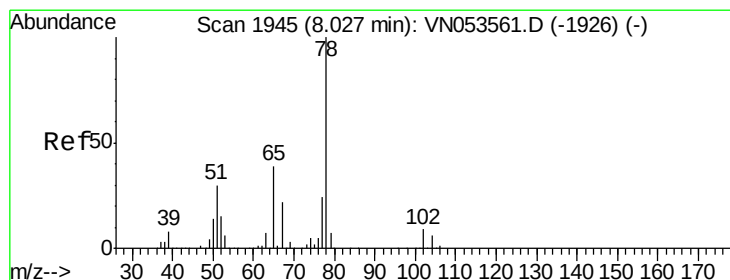
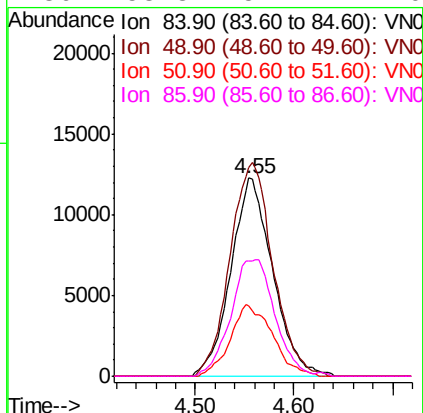
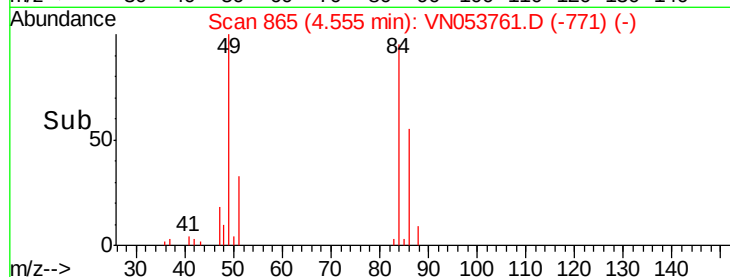
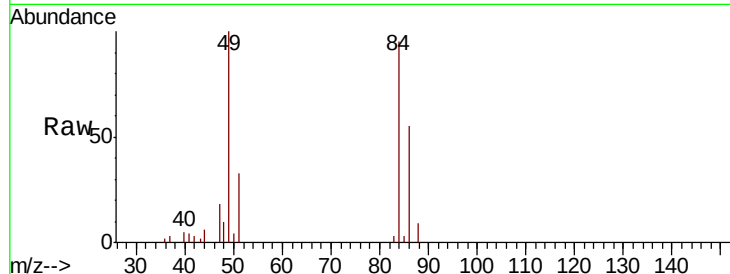




#20
Methylene Chloride
Concen: 5.060 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053761.D
Acq: 13 Feb 2019 17:56

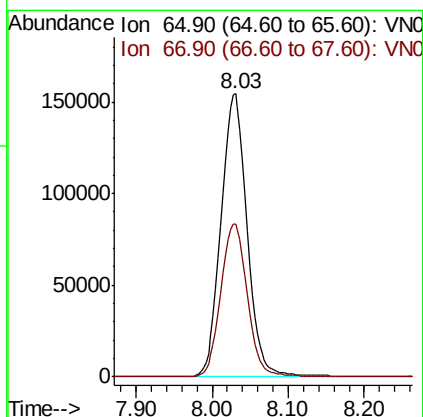
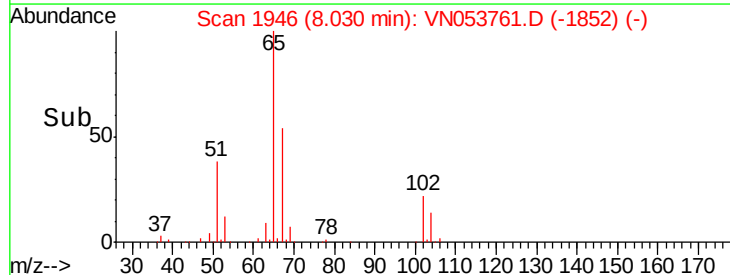
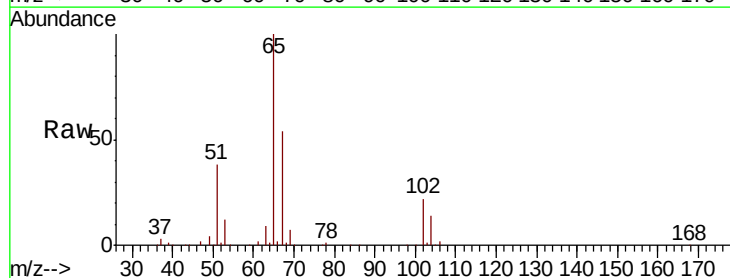
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-K

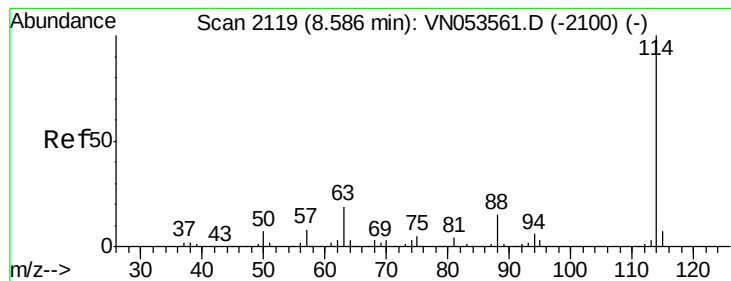
Tot Ion: 84 Resp: 36186
Ion Ratio Lower Upper
84 100
49 105.6 94.3 141.5
51 35.3 29.4 44.2
86 58.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.708 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053761.D
Acq: 13 Feb 2019 17:56

Tgt Ion: 65 Resp: 370225
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: VN053761.D

Acq: 13 Feb 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-K

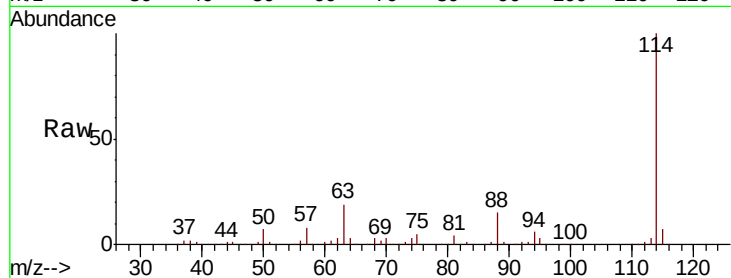
Tot Ion:114 Resp: 1146763

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

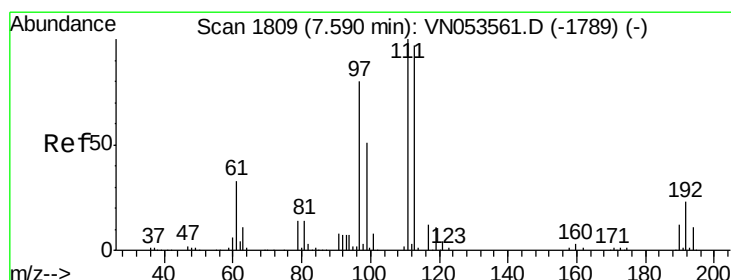
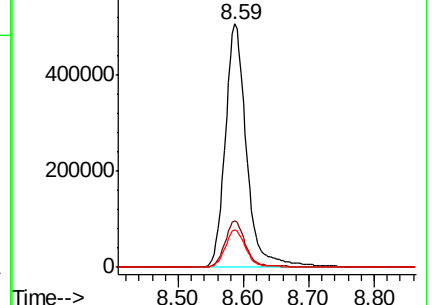
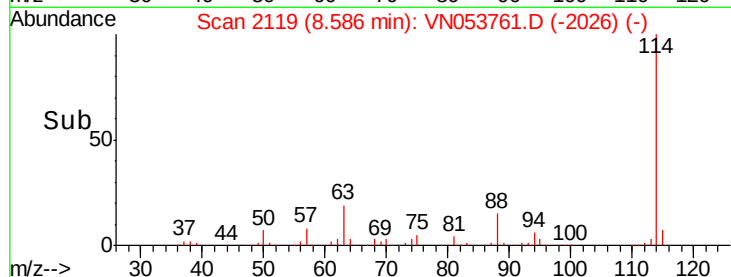
88 15.4 0.0 30.4



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: 50.084 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053761.D

Acq: 13 Feb 2019 17:56

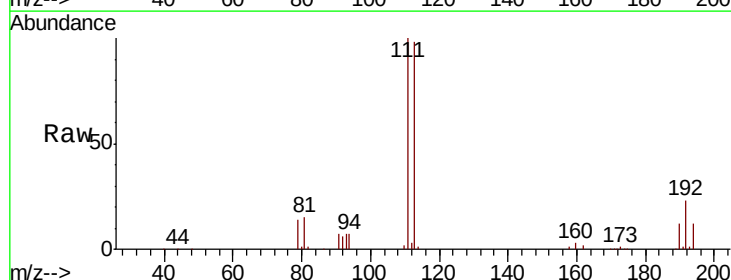
Tgt Ion:113 Resp: 362912

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

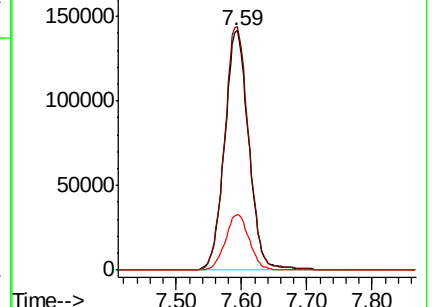
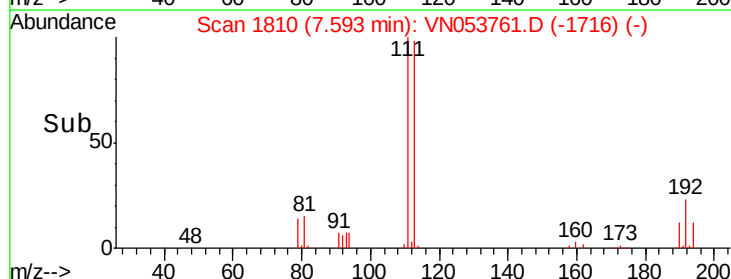
192 23.1 18.2 27.2

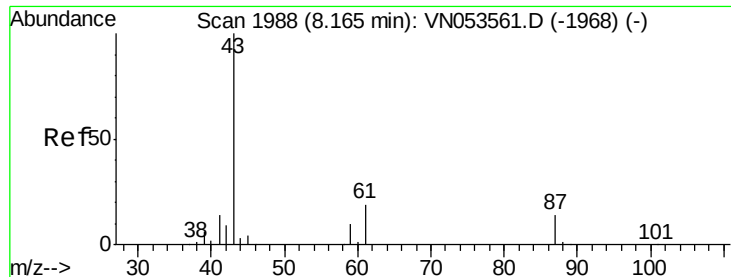


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.841 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053761.D

Acq: 13 Feb 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-K

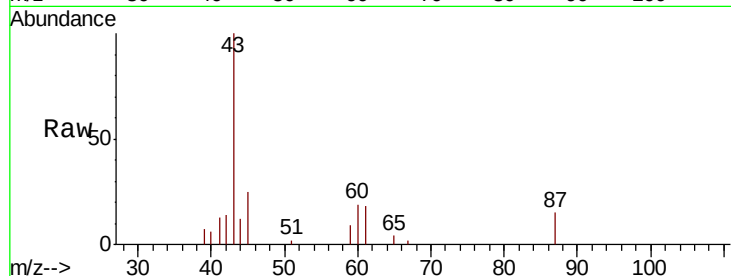
Tot Ion: 43 Resp: 31673

Ion Ratio Lower Upper

43 100

61 16.2 23.9 35.9#

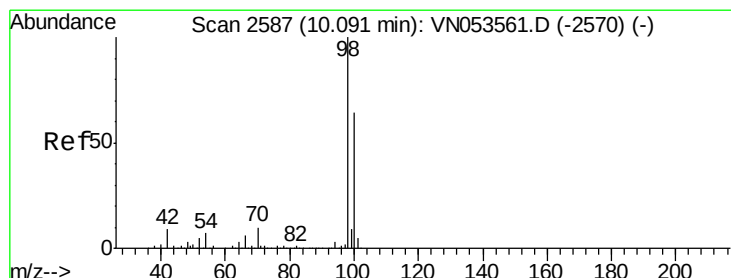
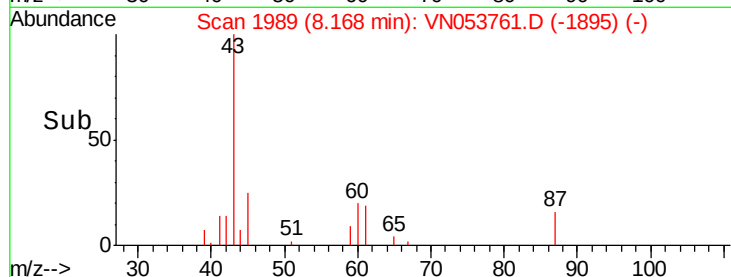
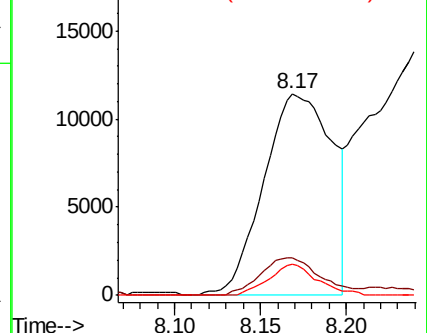
87 10.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053761.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053761.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053761.D (-1968) (-)



#50

Toluene-d8

Concen: 51.535 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053761.D

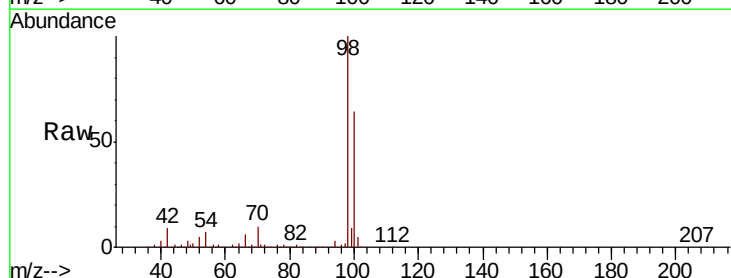
Acq: 13 Feb 2019 17:56

Tgt Ion: 98 Resp: 1402147

Ion Ratio Lower Upper

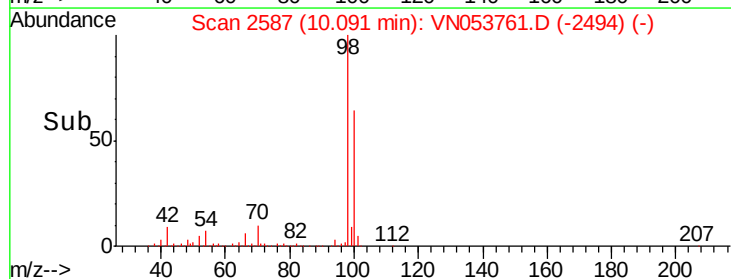
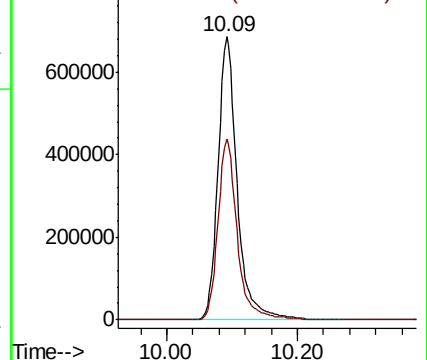
98 100

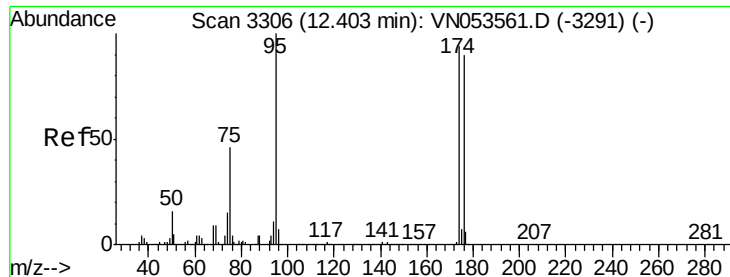
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053761.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053761.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 52.094 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN053761.D

Acq: 13 Feb 2019 17:56

Instrument :

MSVOA_N

ClientSampled :

JC-02-021119-K

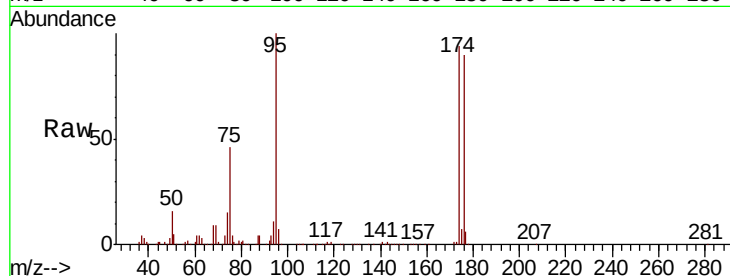
Tot Ion: 95 Resp: 472707

Ion Ratio Lower Upper

95 100

174 93.3 0.0 183.2

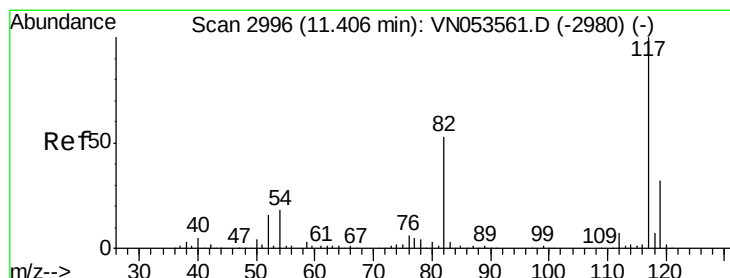
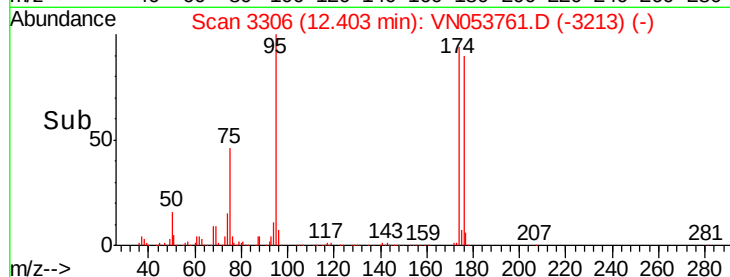
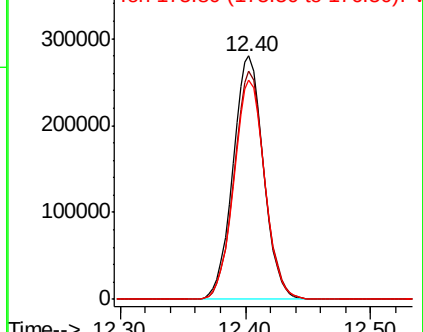
176 91.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053761.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053761.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053761.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053761.D

Acq: 13 Feb 2019 17:56

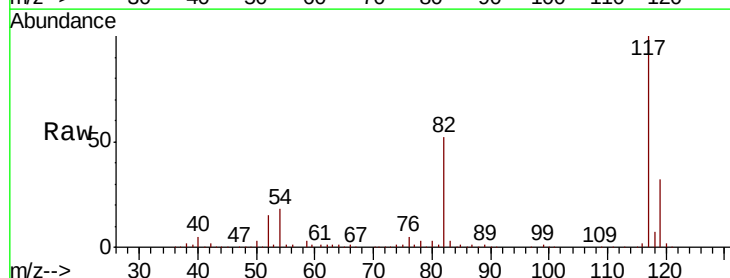
Tgt Ion: 117 Resp: 1083264

Ion Ratio Lower Upper

117 100

82 52.0 42.9 64.3

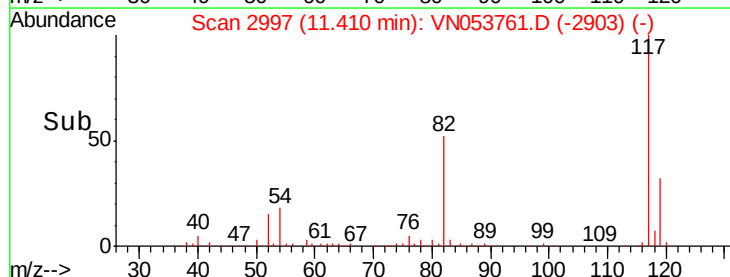
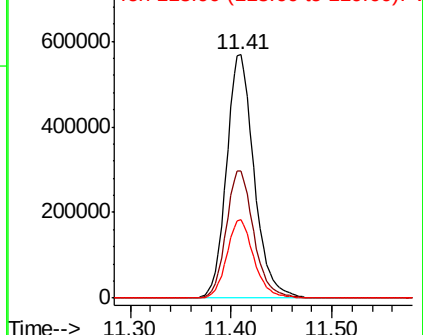
119 32.0 26.0 39.0

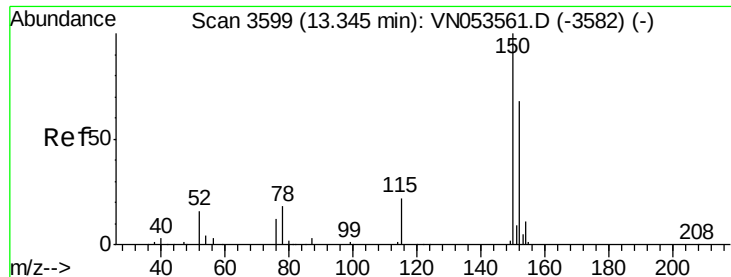


Abundance Ion 116.90 (116.60 to 117.60): VN053761.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053761.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053761.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: VN053761.D

Acq: 13 Feb 2019 17:56

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-K

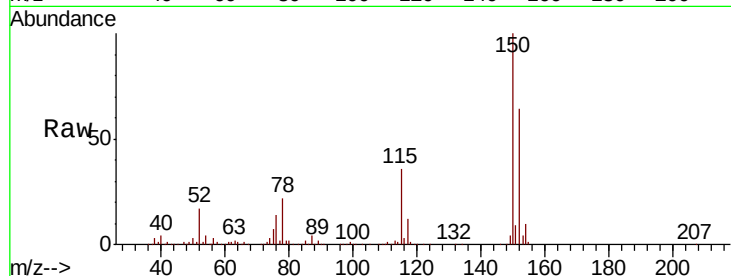
Tot Ion:152 Resp: 445827

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

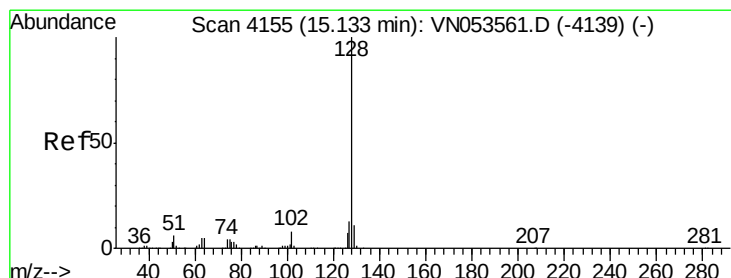
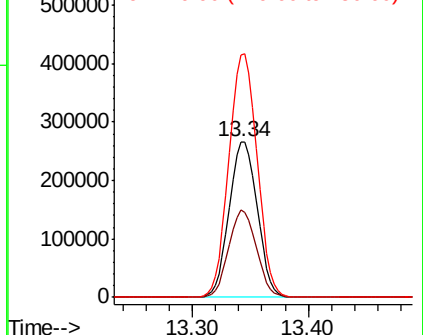
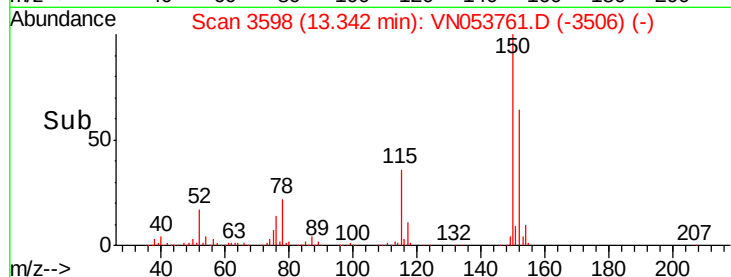
150 157.4 0.0 349.0



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: 2.639 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053761.D

Acq: 13 Feb 2019 17:56

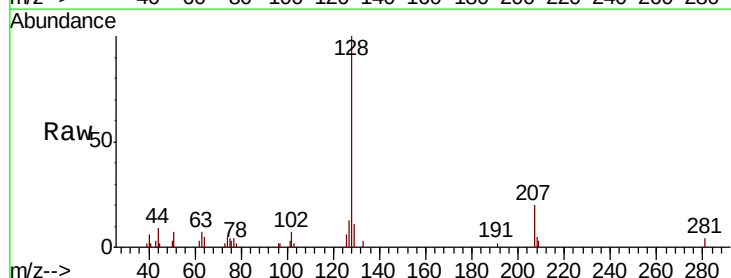
Tgt Ion:128 Resp: 18307

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 10.0 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

