

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053758.D
 Acq On : 13 Feb 2019 16:35
 Operator : JC/SP
 Sample : K1343-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 14 01:13:11 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

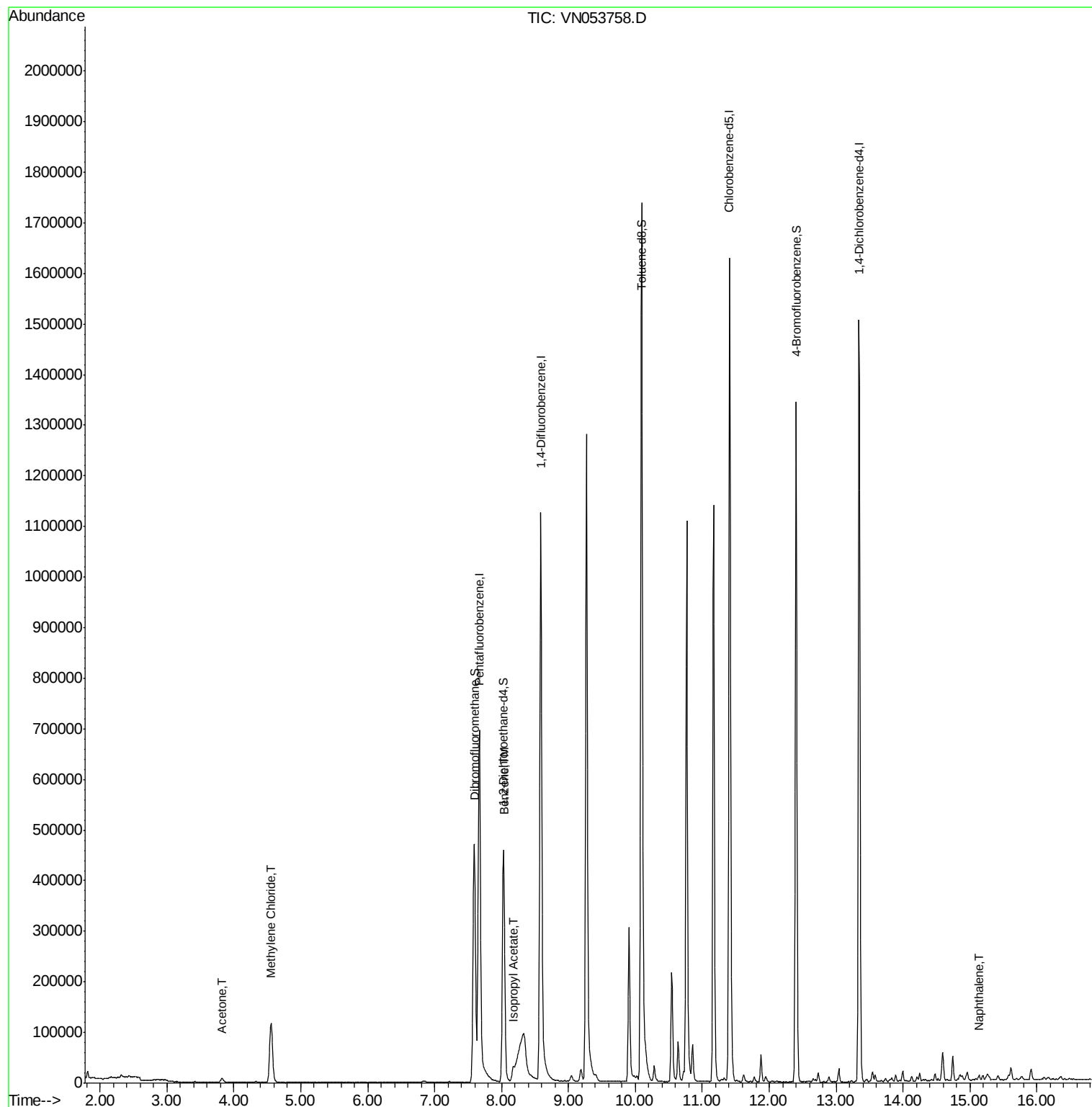
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	705093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1171583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1097073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	448675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	378676	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.59	113	366823	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.09	98	1433117	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.40	95	472545	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
Target Compounds						
16) Acetone	3.82	43	16619	9.160	ug/l	93
20) Methylene Chloride	4.55	84	96296	12.651	ug/l	92
40) Benzene	8.04	78	42984	1.320	ug/l	98
43) Isopropyl Acetate	8.18	43	32640	2.865	ug/l #	79
95) Naphthalene	15.14	128	8299	2.143	ug/l	96

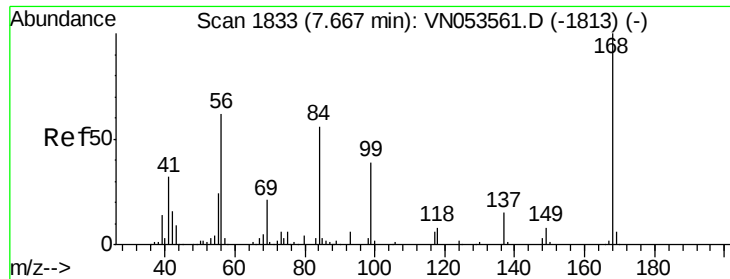
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
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: VN053758.D

Acq: 13 Feb 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

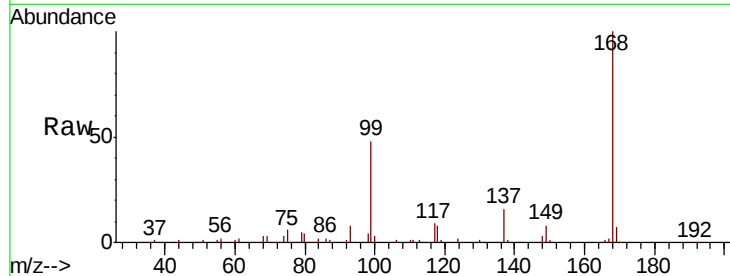
JC-02-021119-I

Tot Ion:168 Resp: 705093

Ion Ratio Lower Upper

168 100

99 48.4 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

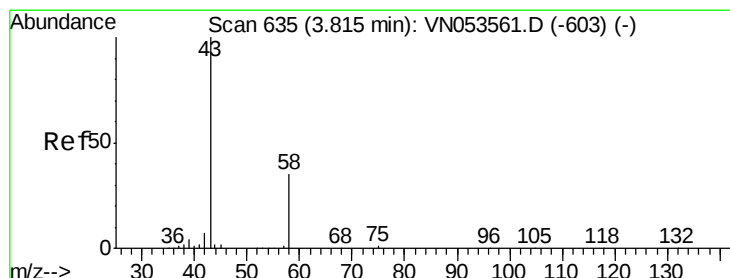
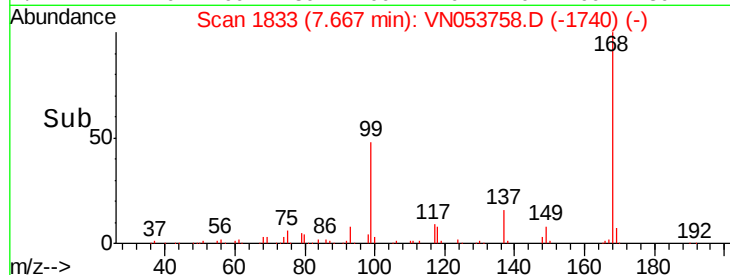
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.160 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053758.D

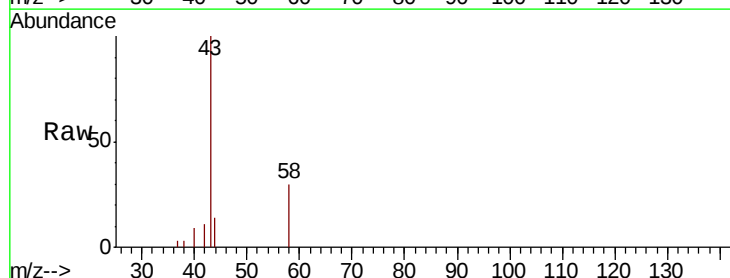
Acq: 13 Feb 2019 16:35

Tgt Ion: 43 Resp: 16619

Ion Ratio Lower Upper

43 100

58 29.9 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

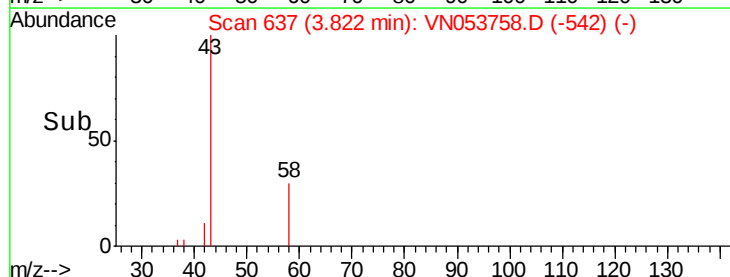
6000

4000

2000

0

Time-->

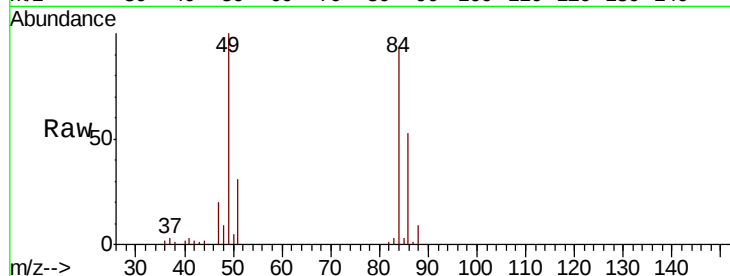




#20
Methvlene Chloride
Concen: 12.651 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053758.D
Acq: 13 Feb 2019 16:35

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

Tot Ion:	84	Resp:	96296
Ion	Ratio	Lower	Upper
84	100		
49	107.9	94.3	141.5
51	33.8	29.4	44.2
86	57.2	51.4	77.0



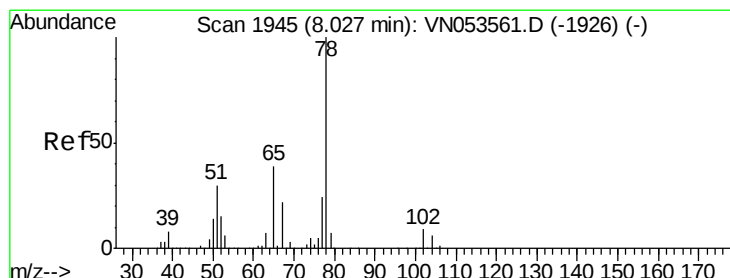
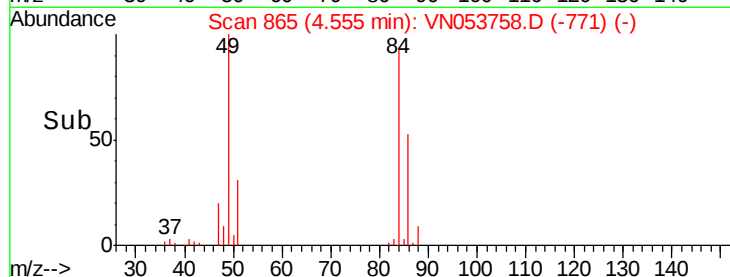
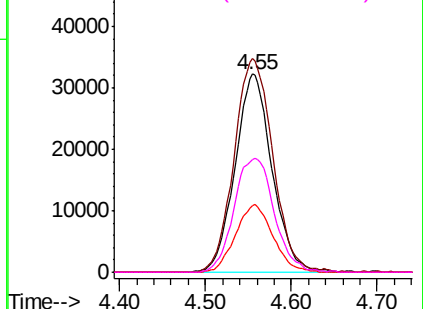
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

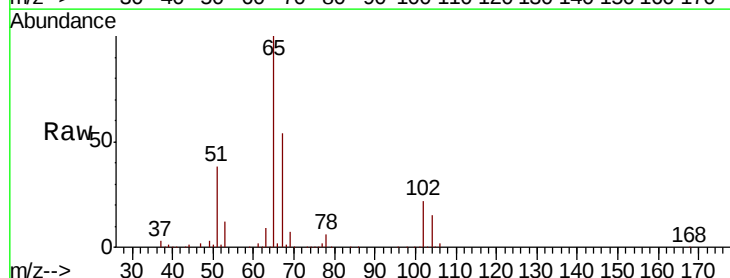
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 53.535 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053758.D
Acq: 13 Feb 2019 16:35

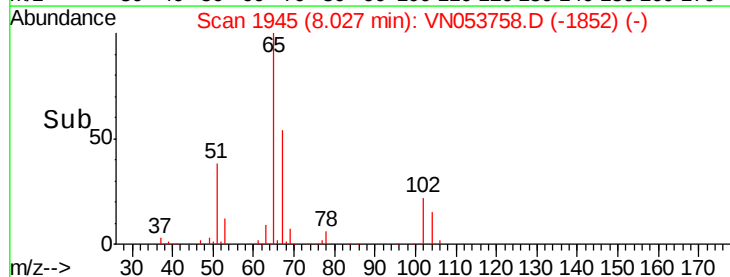
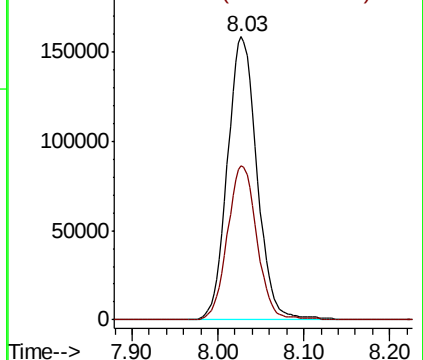
Tgt Ion:	65	Resp:	378676
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.2

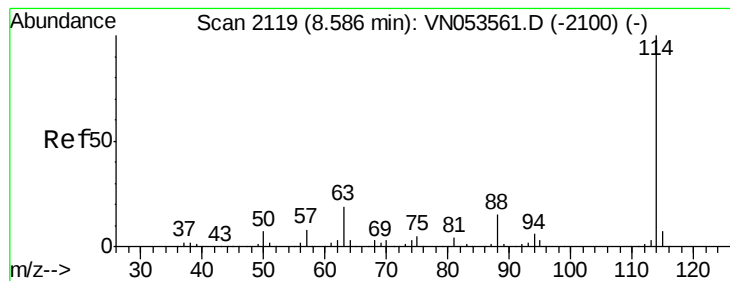


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-I

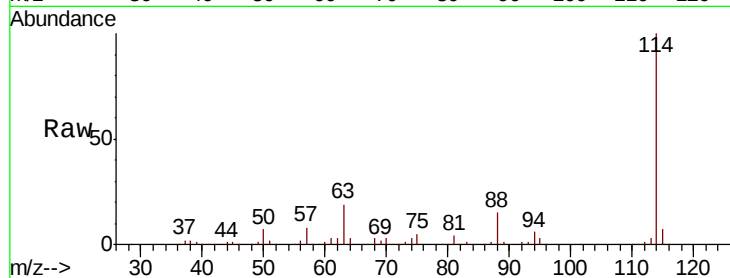
Tot Ion:114 Resp: 1171583

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

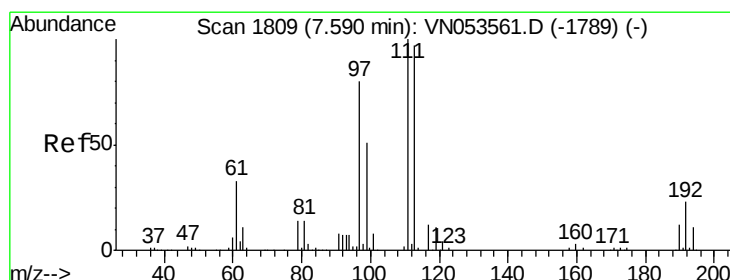
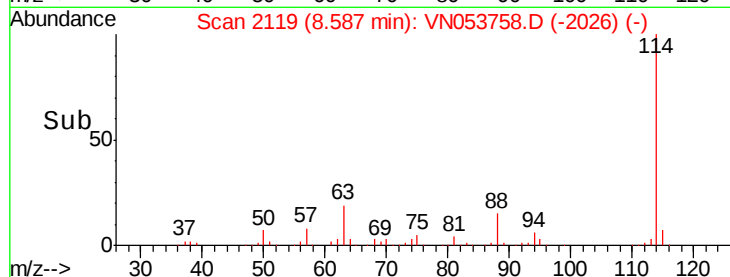
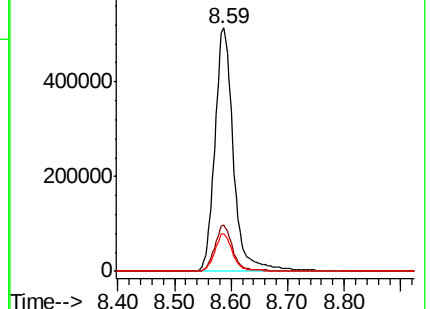
88 15.4 0.0 30.4



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: 49.551 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

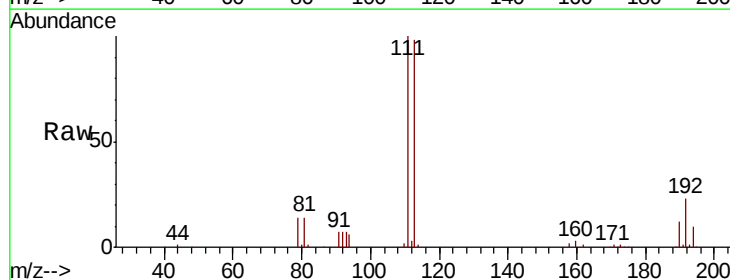
Tgt Ion:113 Resp: 366823

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

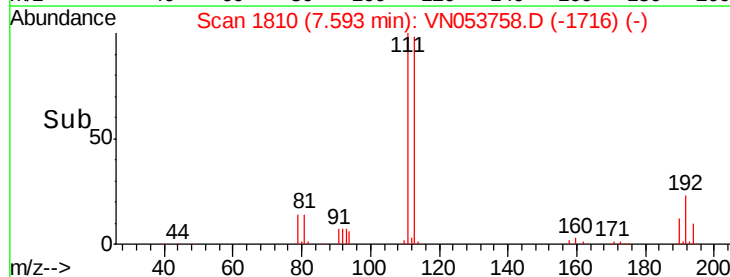
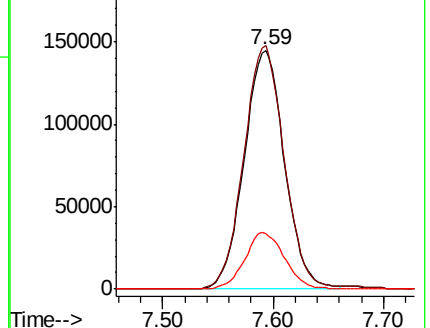
192 23.6 18.2 27.2

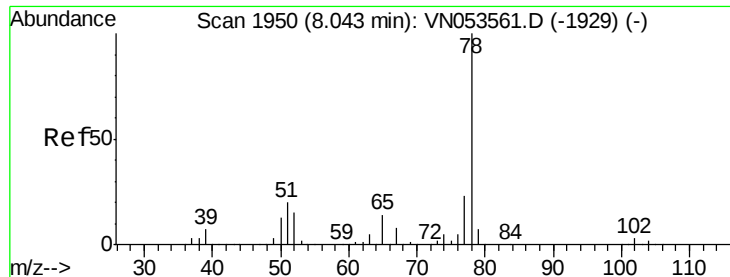


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.320 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

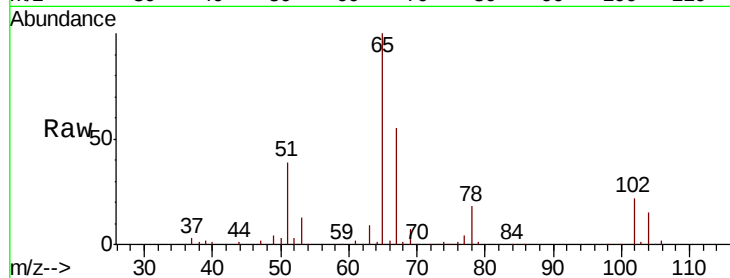
JC-02-021119-I

Tot Ion: 78 Resp: 42984

Ion Ratio Lower Upper

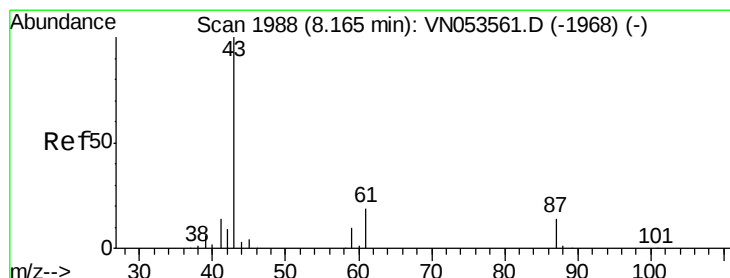
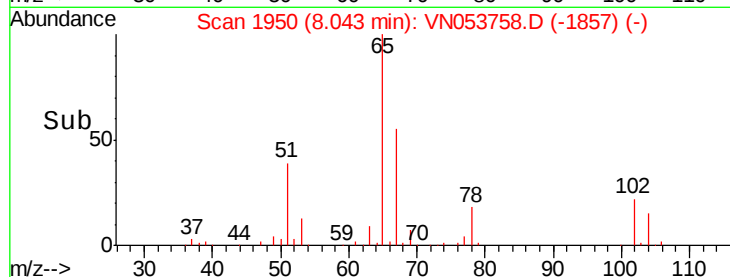
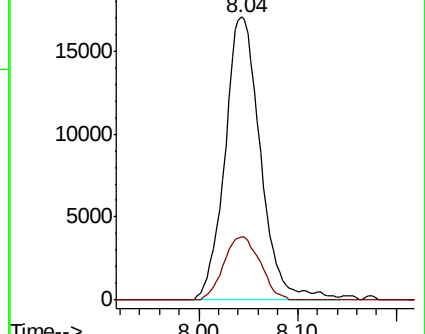
78 100

77 22.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 2.865 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

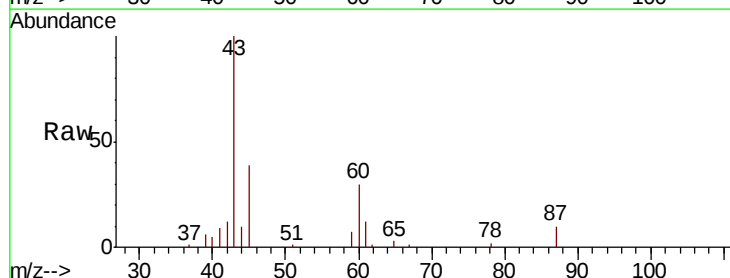
Tgt Ion: 43 Resp: 32640

Ion Ratio Lower Upper

43 100

61 14.9 23.9 35.9#

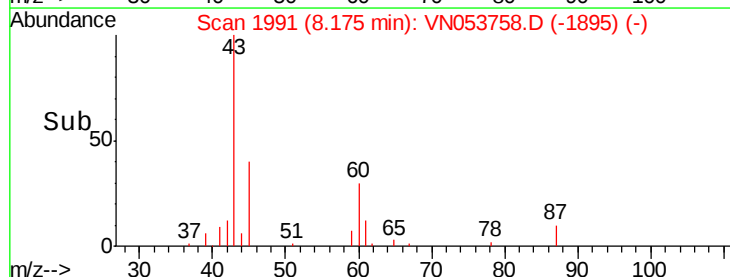
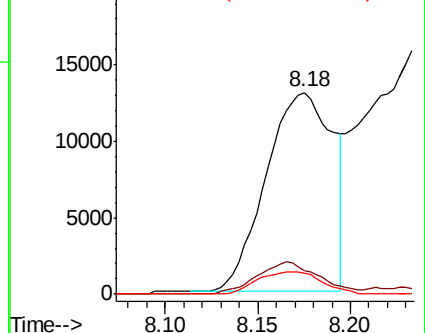
87 10.7 11.0 16.6#

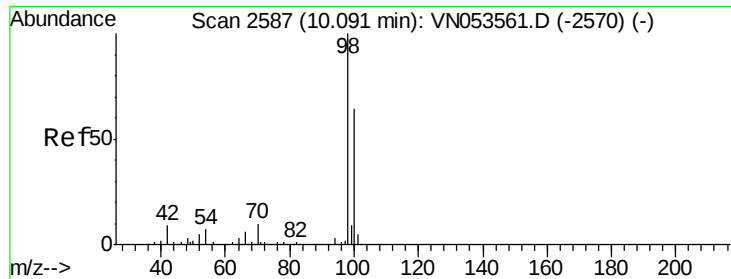


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 51.558 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

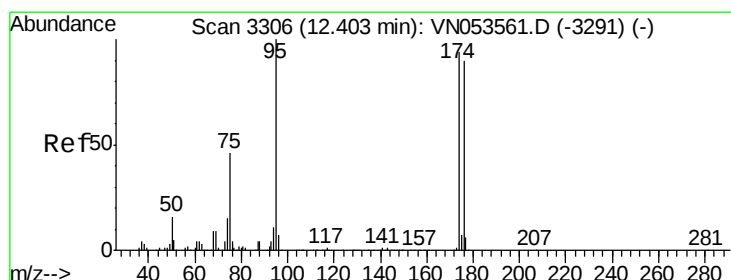
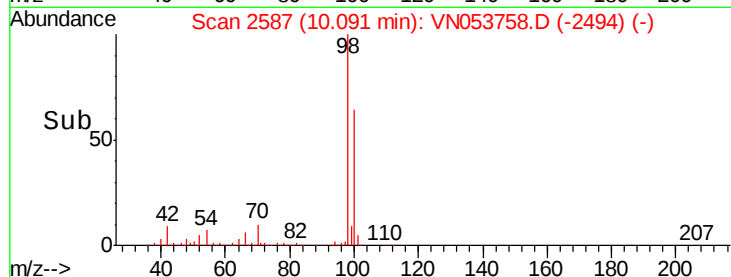
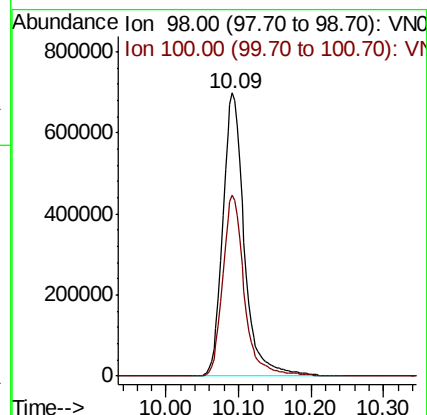
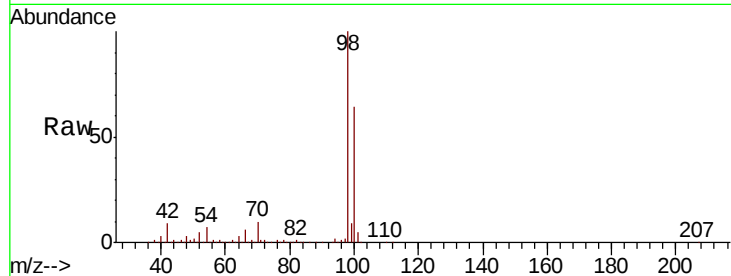
JC-02-021119-I

Tot Ion: 98 Resp: 1433117

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 50.973 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

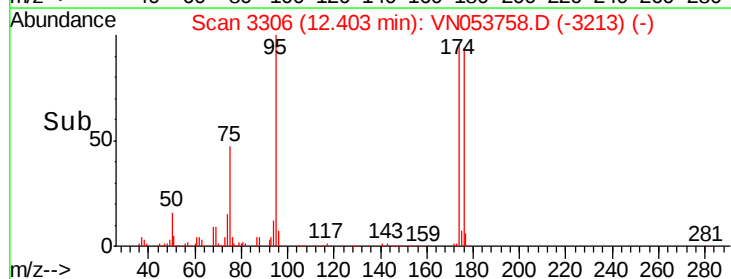
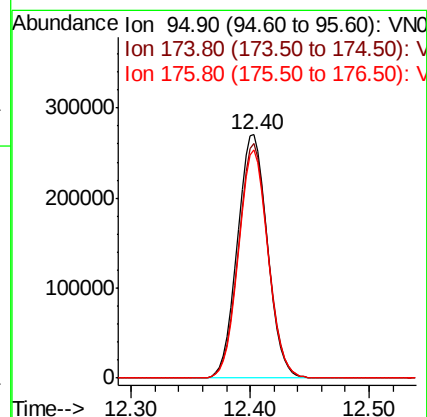
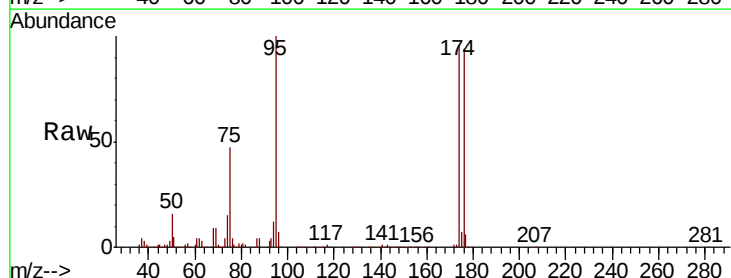
Tgt Ion: 95 Resp: 472545

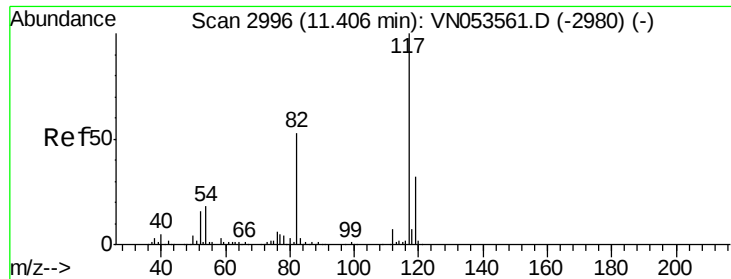
Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

176 92.0 0.0 177.4

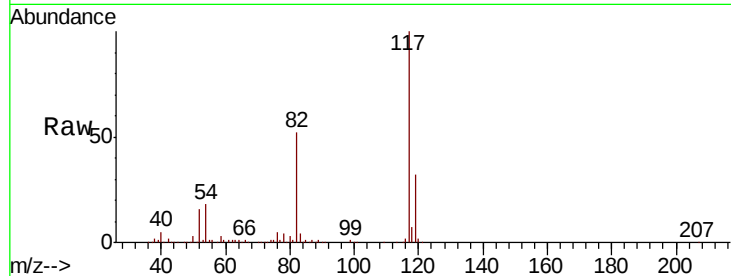




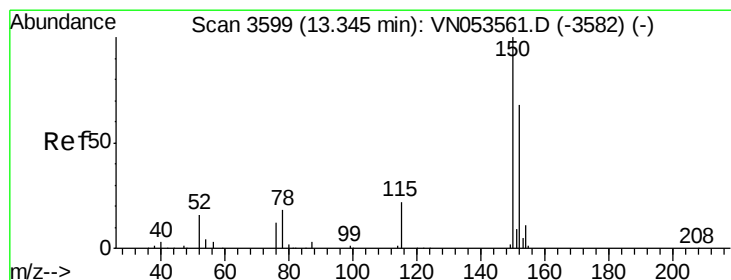
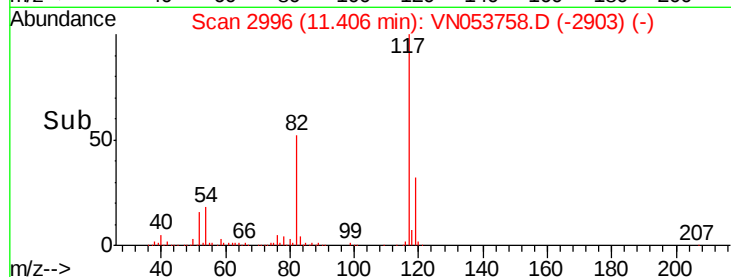
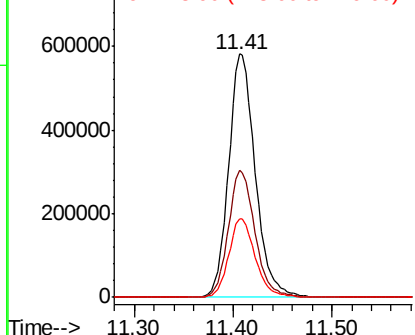
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053758.D
Acq: 13 Feb 2019 16:35

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

Tot Ion:117 Resp: 1097073
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 32.3 26.0 39.0

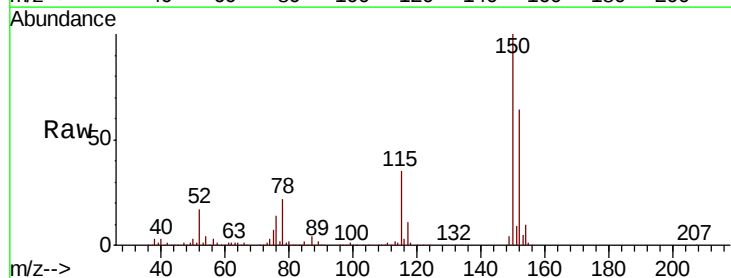


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

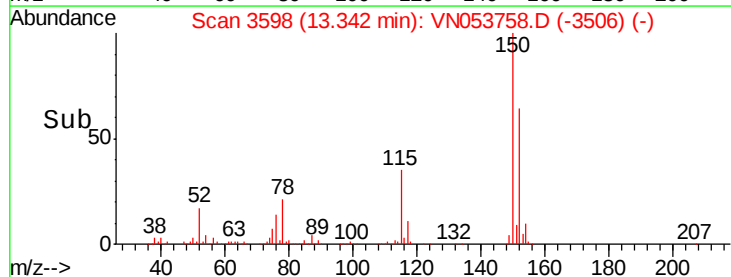
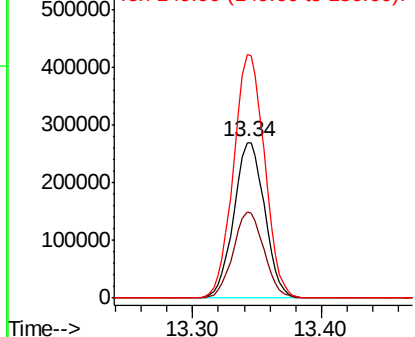


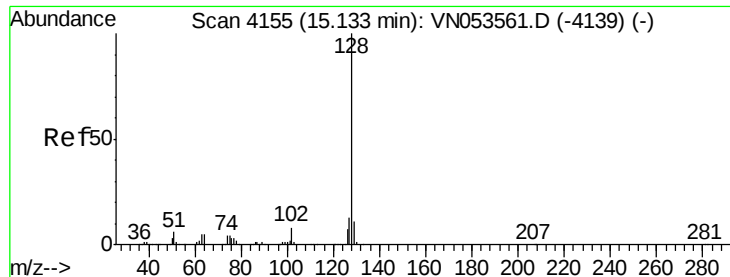
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053758.D
Acq: 13 Feb 2019 16:35

Tgt Ion:152 Resp: 448675
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.5 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: 2.143 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053758.D

Acq: 13 Feb 2019 16:35

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-I

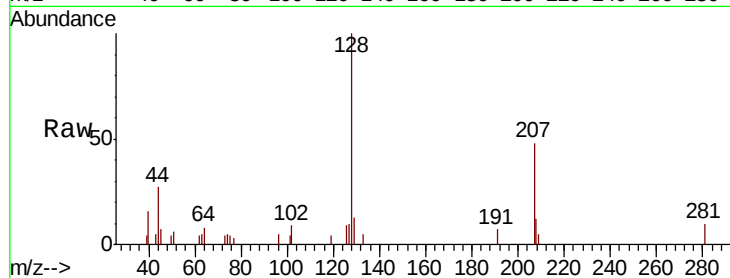
Tot Ion:128 Resp: 8299

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 11.6 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

