

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053892.D
 Acq On : 21 Feb 2019 15:10
 Operator : JC/SP
 Sample : K1344-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 22 02:06:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

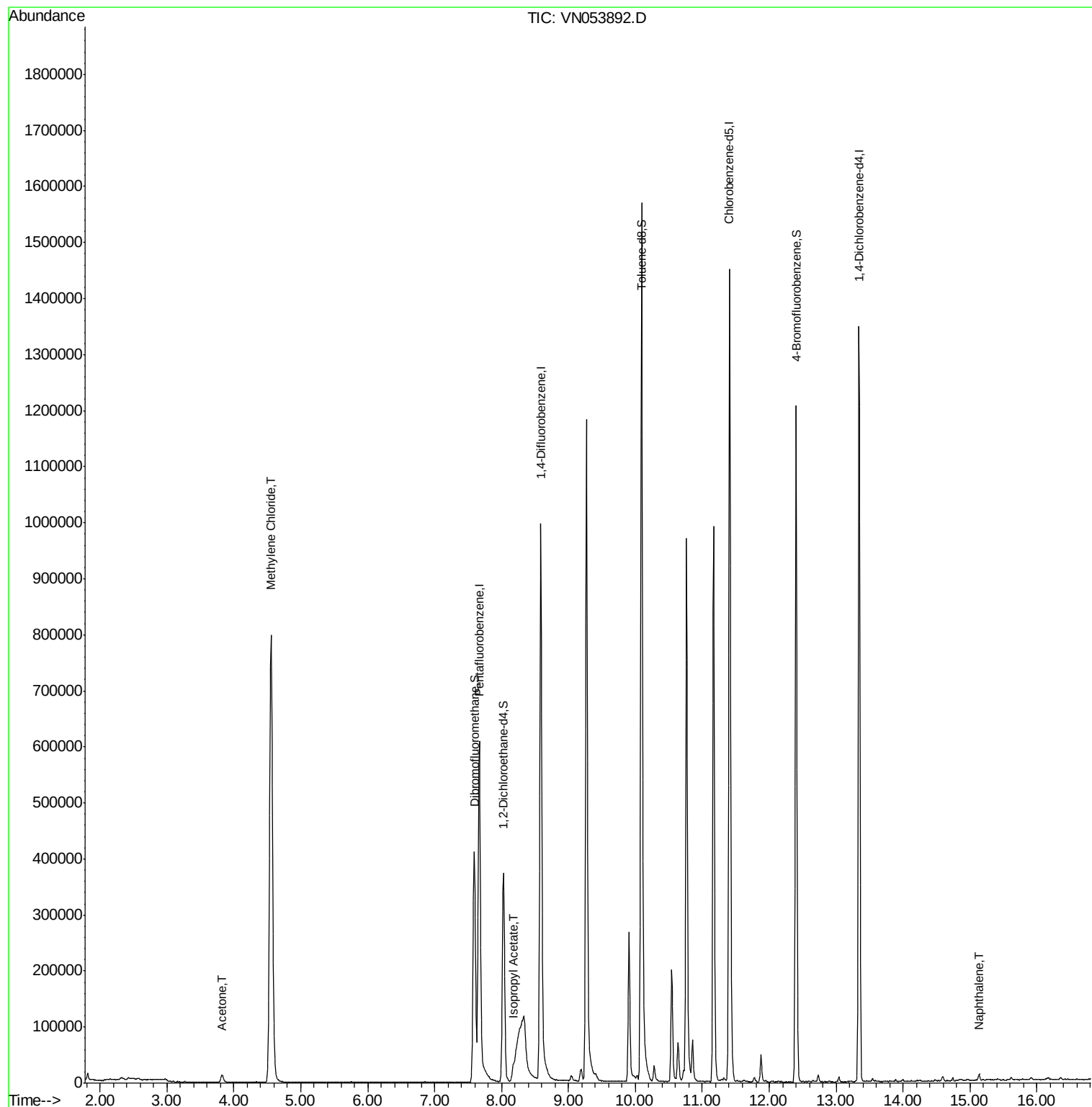
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1045468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1004074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	399935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	329849	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	326271	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	1281361	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.40	95	432477	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	3.82	43	23827	13.667	ug/l	98
20) Methylene Chloride	4.56	84	652172	99.920	ug/l	99
43) Isopropyl Acetate	8.17	43	24302	2.377	ug/l	95
95) Naphthalene	15.14	128	10265	5.199	ug/l	96

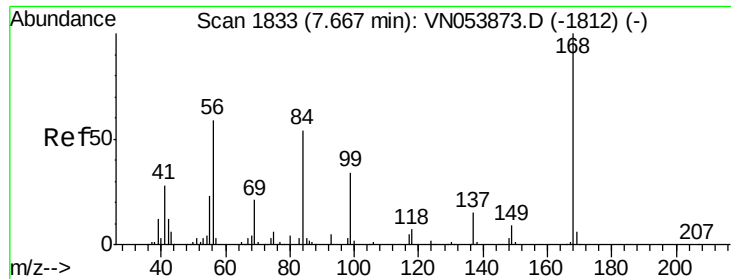
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022119\
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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: VN053892.D

Acq: 21 Feb 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

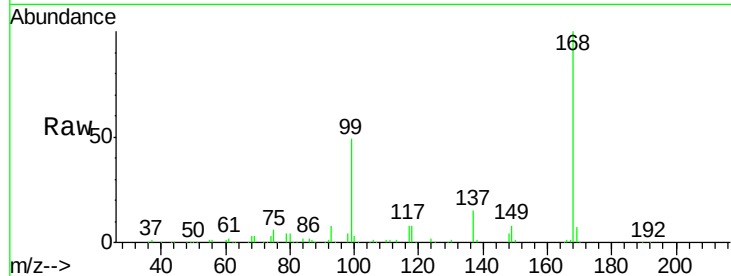
NB-08-022019-B

Tot Ion:168 Resp: 620277

Ion Ratio Lower Upper

168 100

99 48.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

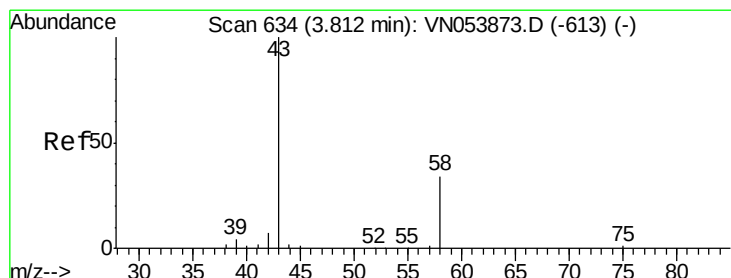
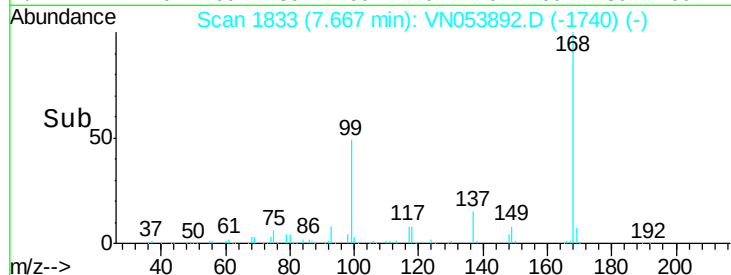
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 13.667 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053892.D

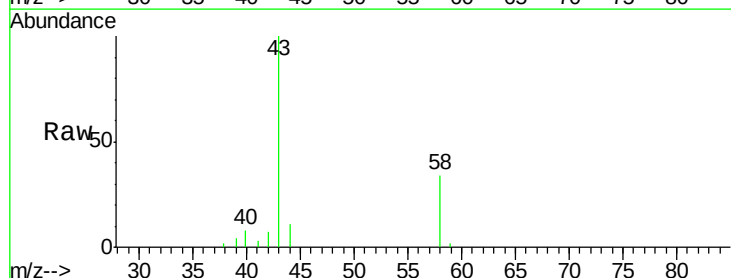
Acq: 21 Feb 2019 15:10

Tgt Ion: 43 Resp: 23827

Ion Ratio Lower Upper

43 100

58 33.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

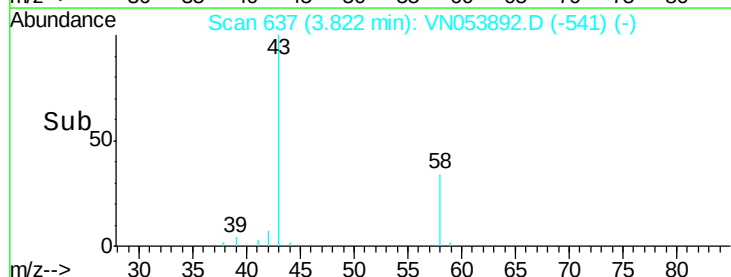
6000

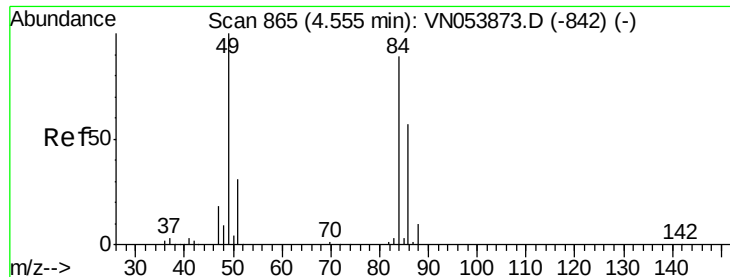
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

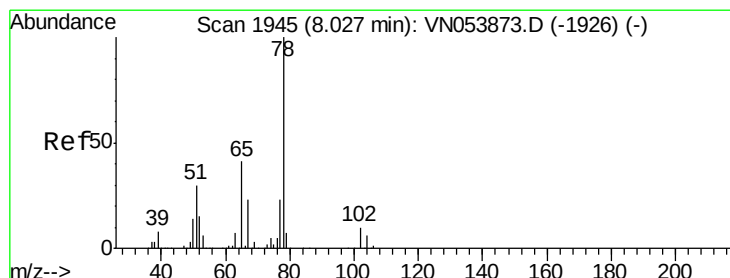
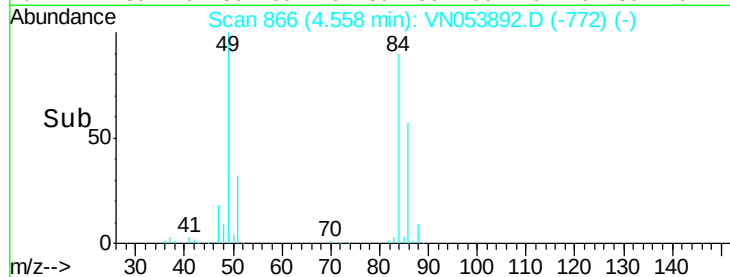
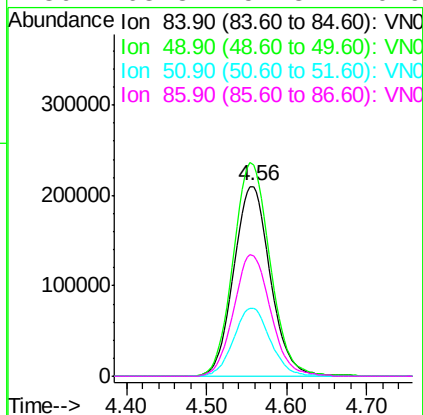
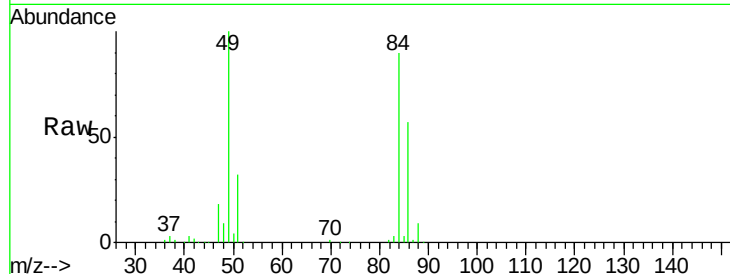




#20
Methylene Chloride
Concen: 99.920 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053892.D
Acq: 21 Feb 2019 15:10

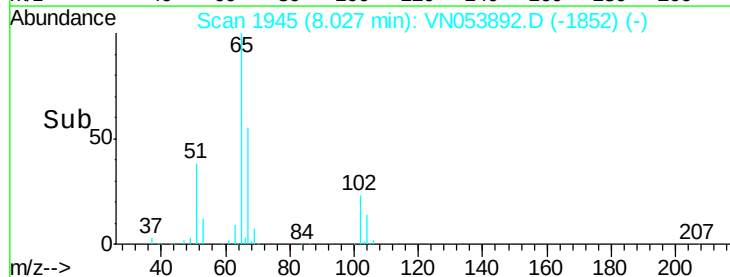
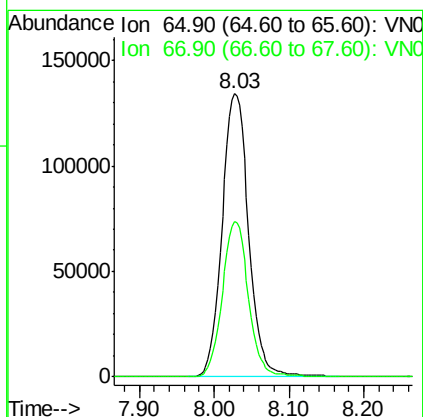
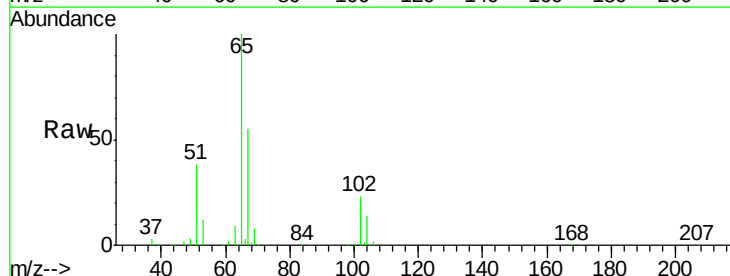
Instrument :
MSVOA_N
ClientSampleId :
NB-08-022019-B

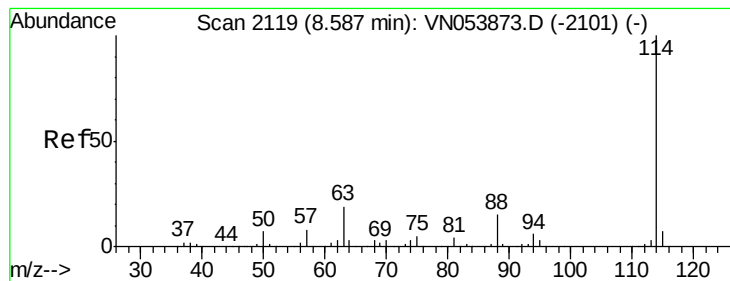
Tot Ion:	84	Resp:	652172
Ion	Ratio	Lower	Upper
84	100		
49	111.4	89.7	134.5
51	36.1	27.8	41.8
86	63.8	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053892.D
Acq: 21 Feb 2019 15:10

Tgt Ion:	65	Resp:	329849
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-B

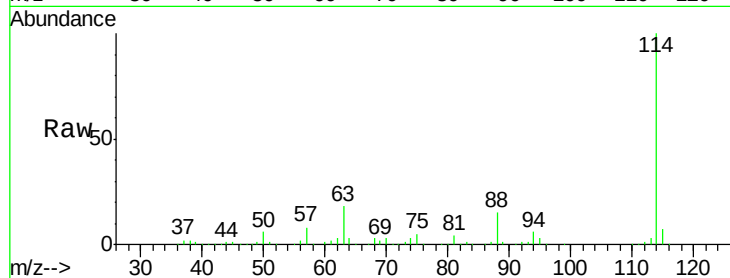
Tot Ion:114 Resp: 1045468

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

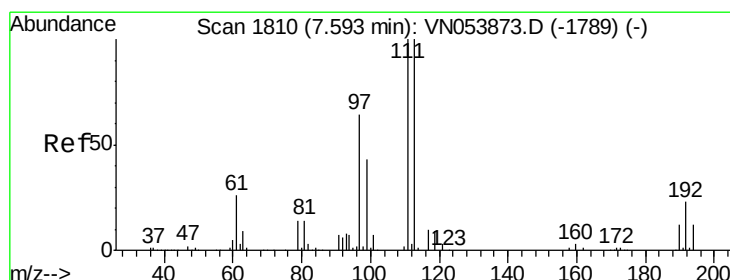
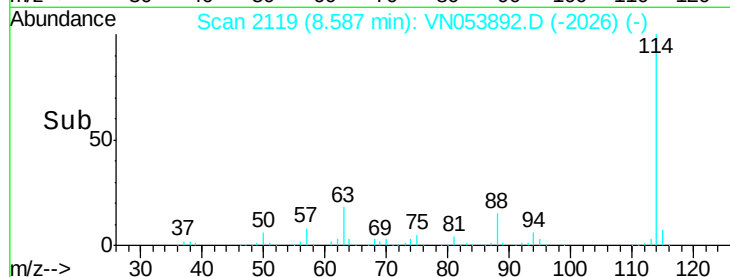
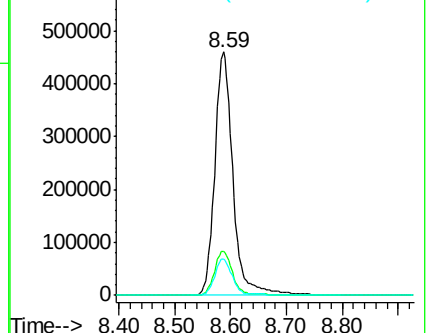
88 15.0 0.0 30.4



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: 47.553 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

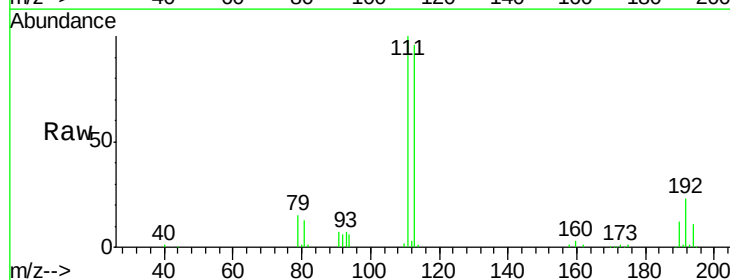
Tgt Ion:113 Resp: 326271

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

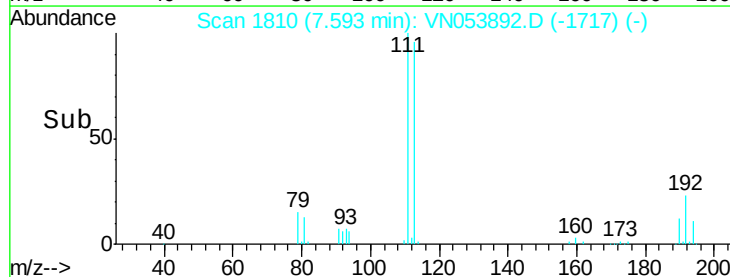
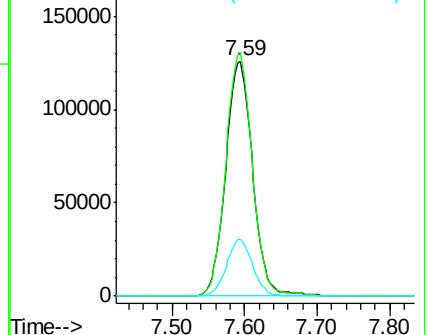
192 23.3 18.8 28.2

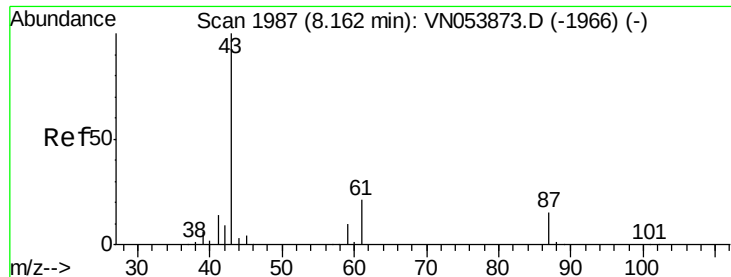


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.377 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-B

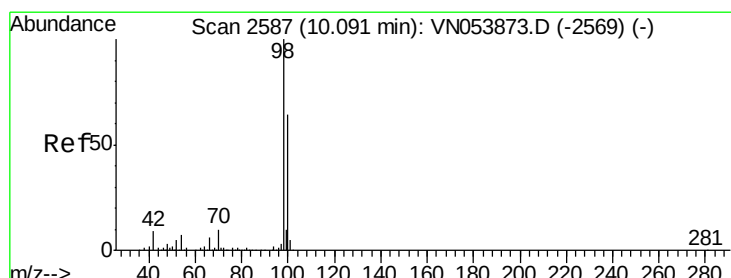
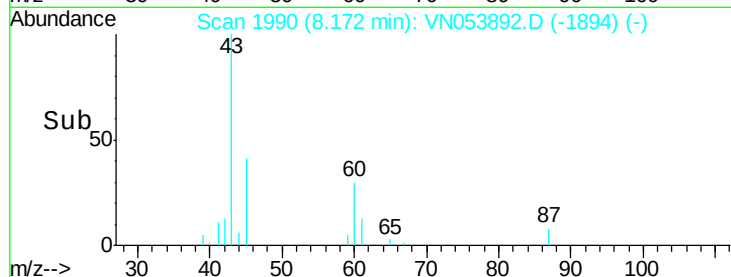
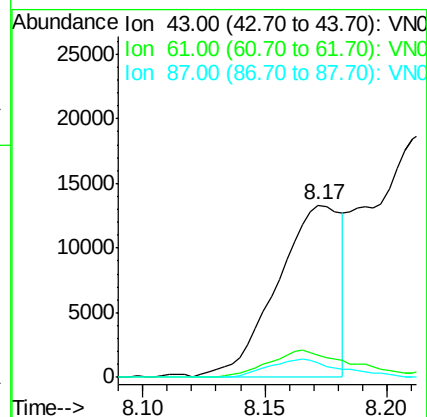
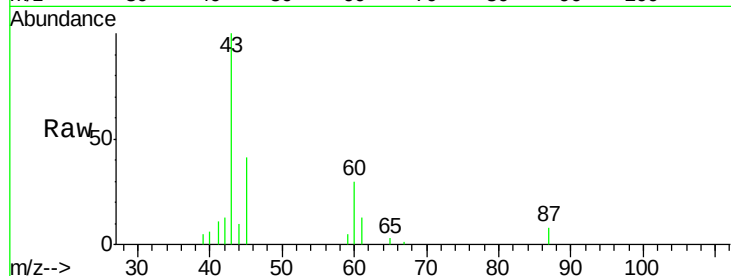
Tot Ion: 43 Resp: 24302

Ion Ratio Lower Upper

43 100

61 20.1 17.4 26.0

87 11.6 11.5 17.3



#50

Toluene-d8

Concen: 51.707 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053892.D

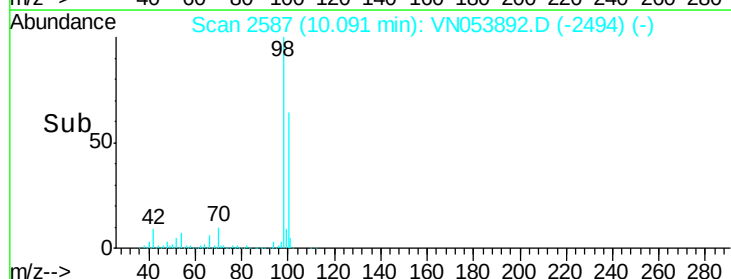
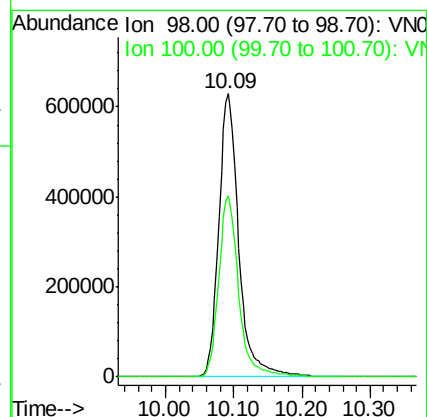
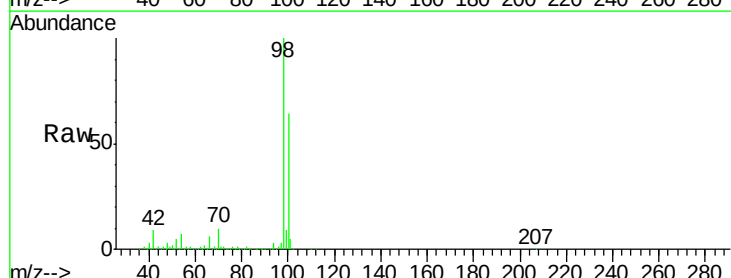
Acq: 21 Feb 2019 15:10

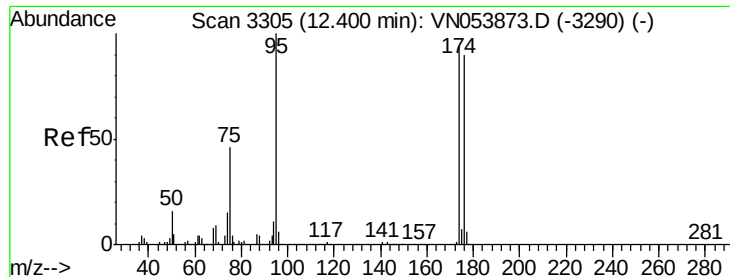
Tgt Ion: 98 Resp: 1281361

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 52.862 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-B

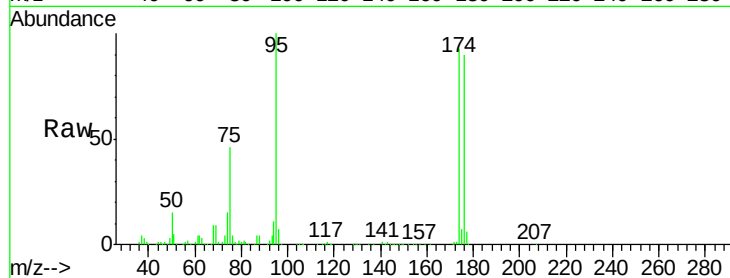
Tot Ion: 95 Resp: 432477

Ion Ratio Lower Upper

95 100

174 93.9 0.0 188.8

176 90.9 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053892.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053892.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053892.D (-3212) (-)

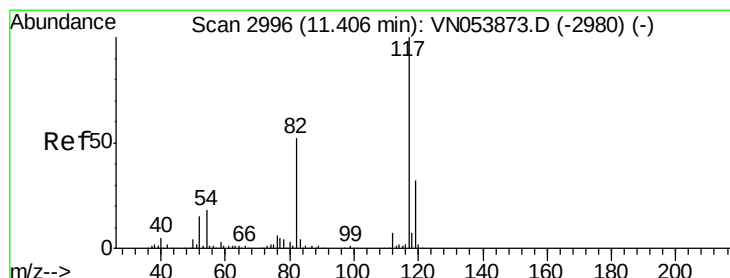
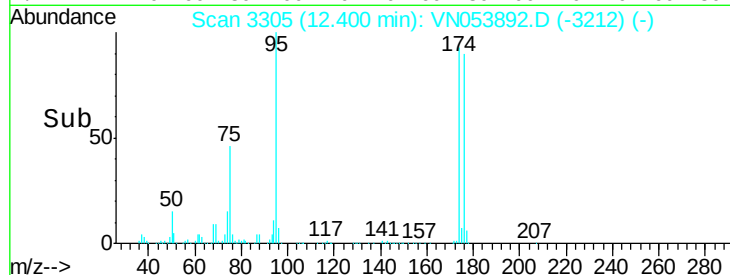
12.40

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

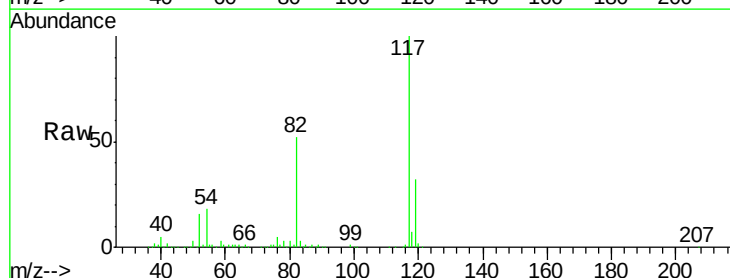
Tgt Ion: 117 Resp: 1004074

Ion Ratio Lower Upper

117 100

82 51.6 41.4 62.2

119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN053892.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053892.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053892.D (-2903) (-)

11.41

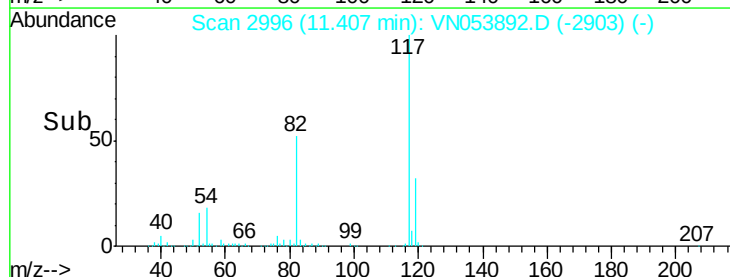
600000

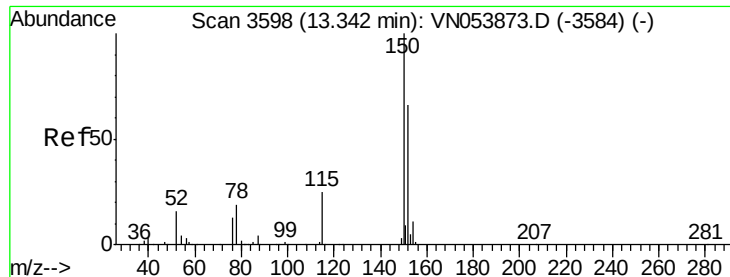
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-B

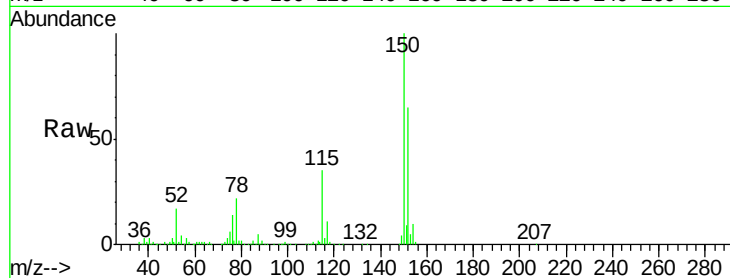
Tot Ion:152 Resp: 399935

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.6

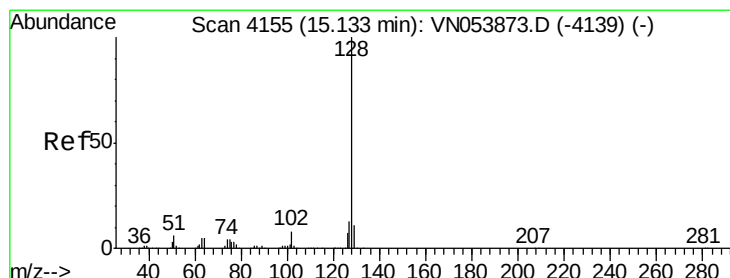
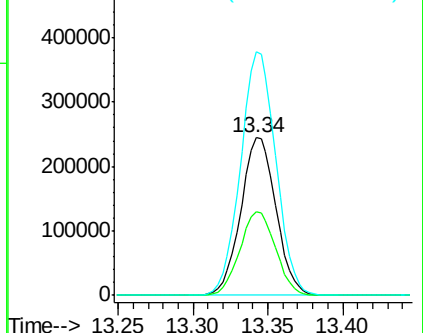
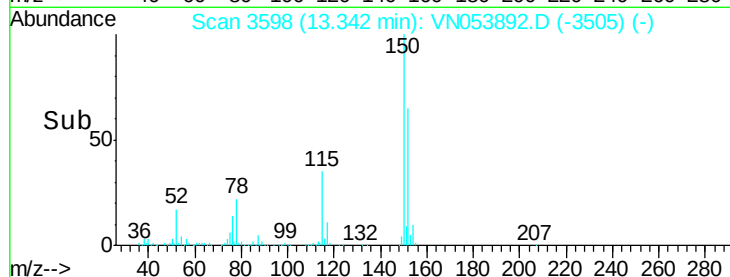
150 155.3 0.0 348.2



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: 5.199 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053892.D

Acq: 21 Feb 2019 15:10

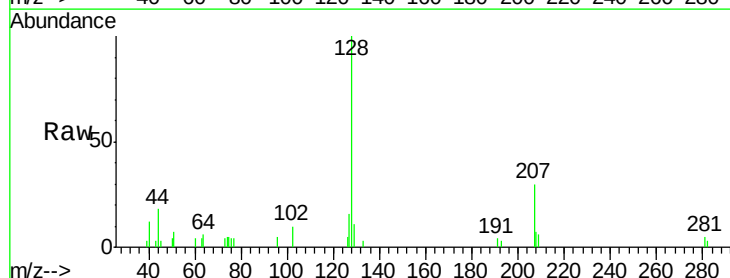
Tgt Ion:128 Resp: 10265

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.2

129 9.1 8.6 12.8



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

