

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055418.D
 Acq On : 6 May 2019 16:14
 Operator : JC/SP
 Sample : K2639-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-050319-A

Quant Time: May 07 02:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

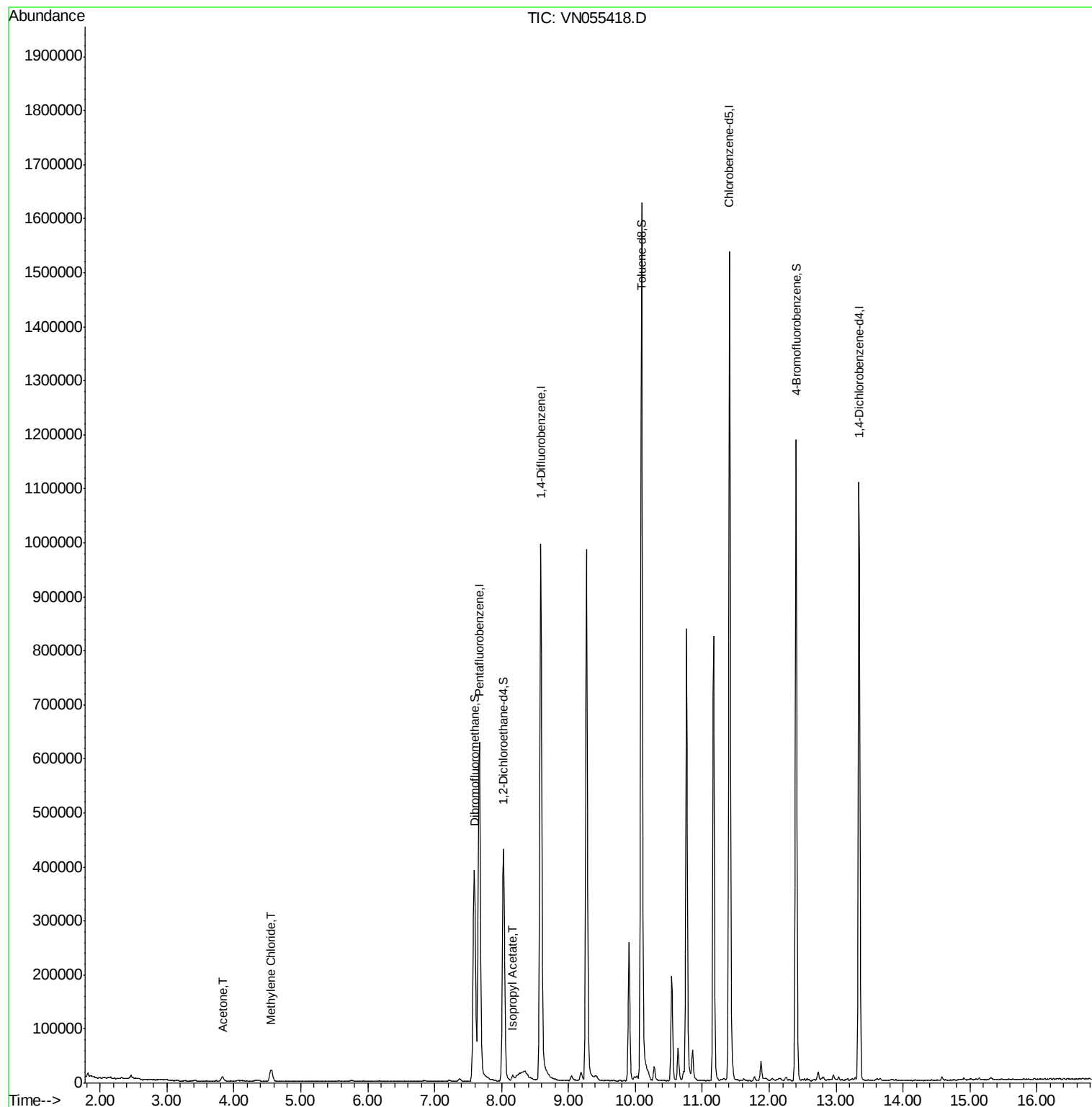
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	528810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	297199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	375120	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.59	113	301473	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.09	98	1160025	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.40	95	402487	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
Target Compounds						
16) Acetone	3.83	43	14528	6.740	ug/l #	87
20) Methylene Chloride	4.55	84	14862	2.259	ug/l	96
43) Isopropyl Acetate	8.17	43	12856	1.159	ug/l #	81

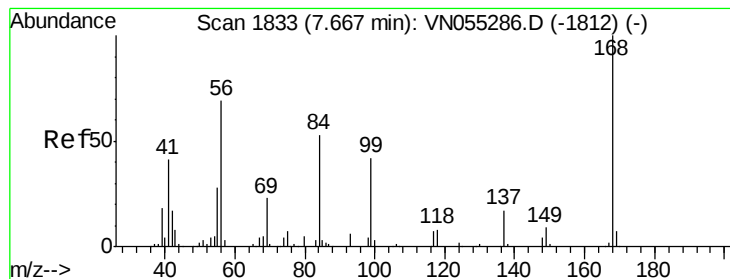
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Time: May 07 02:15:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055418.D

Acq: 6 May 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

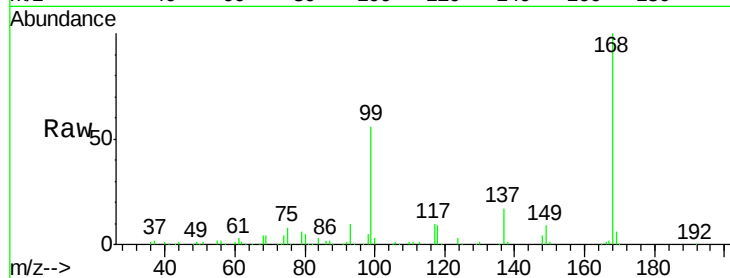
NB-08-050319-A

Tot Ion:168 Resp: 528810

Ion Ratio Lower Upper

168 100

99 55.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

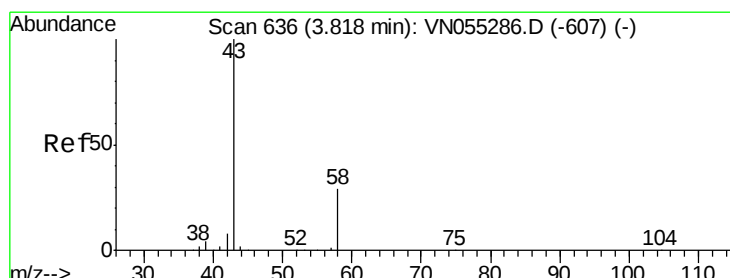
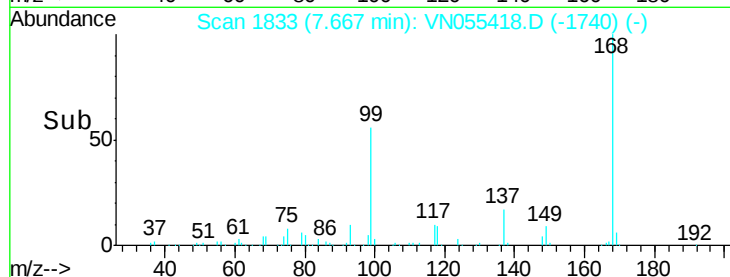
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.740 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055418.D

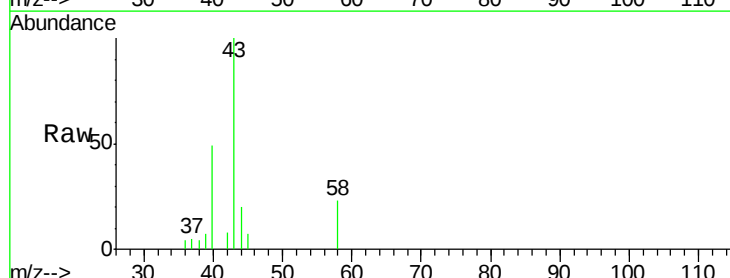
Acq: 6 May 2019 16:14

Tgt Ion: 43 Resp: 14528

Ion Ratio Lower Upper

43 100

58 22.6 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

6000

5000

4000

3000

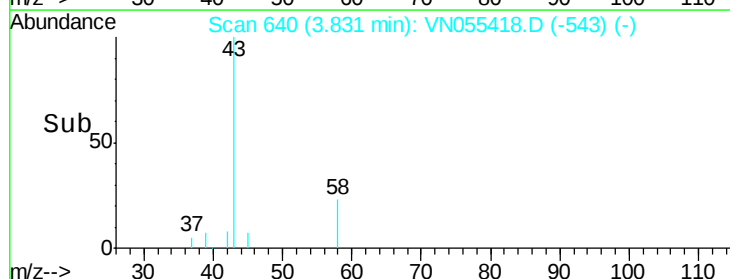
2000

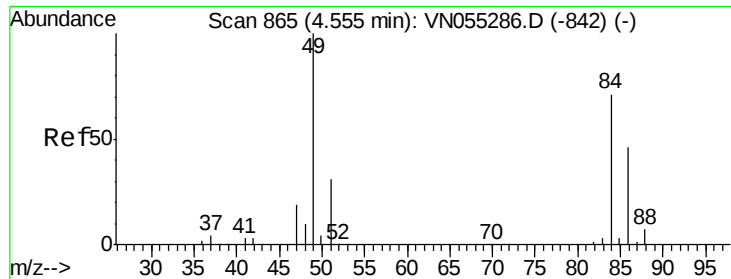
1000

0

Time-->

3.80 3.90

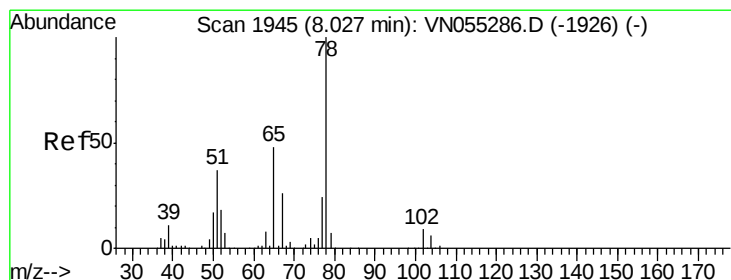
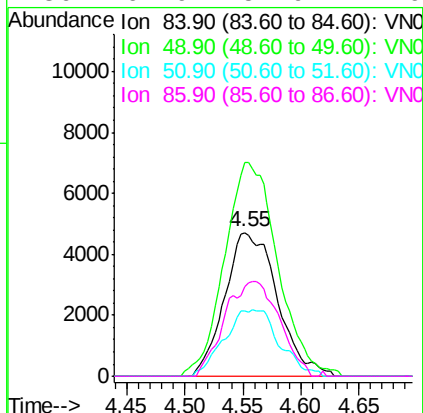
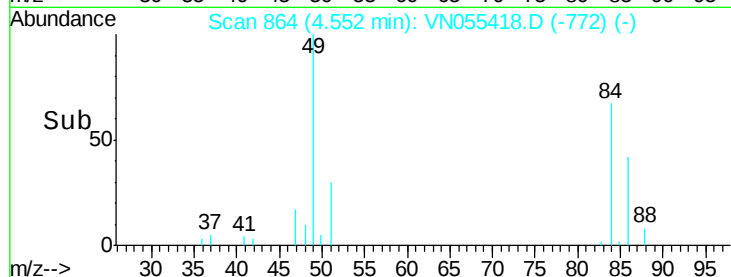
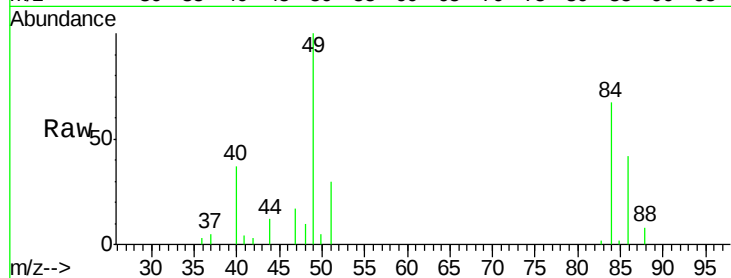




#20
Methvlene Chloride
Concen: 2.259 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055418.D
Acq: 6 May 2019 16:14

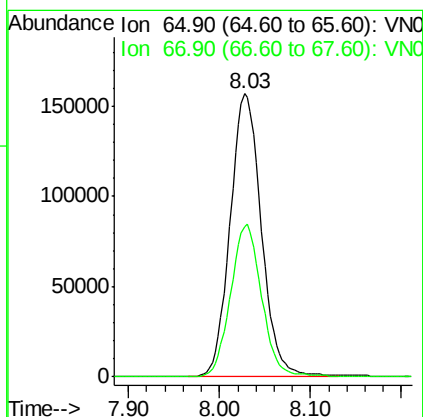
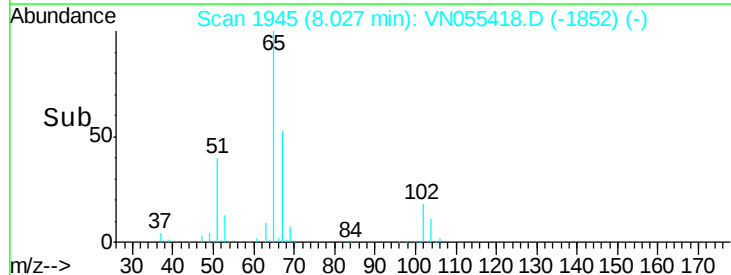
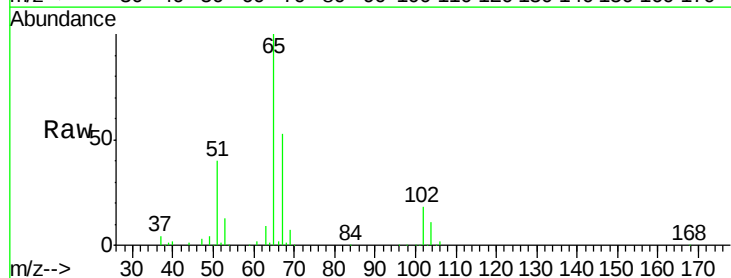
Instrument :
MSVOA_N
ClientSampleId :
NB-08-050319-A

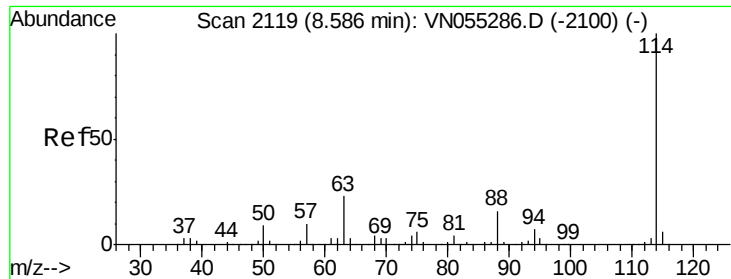
Tot Ion:	84	Resp:	14862
Ion	Ratio	Lower	Upper
84	100		
49	144.9	112.4	168.6
51	45.3	34.6	51.8
86	61.9	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 54.224 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055418.D
Acq: 6 May 2019 16:14

Tgt Ion:	65	Resp:	375120
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8

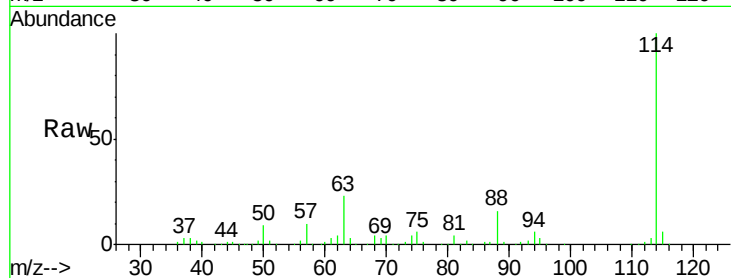




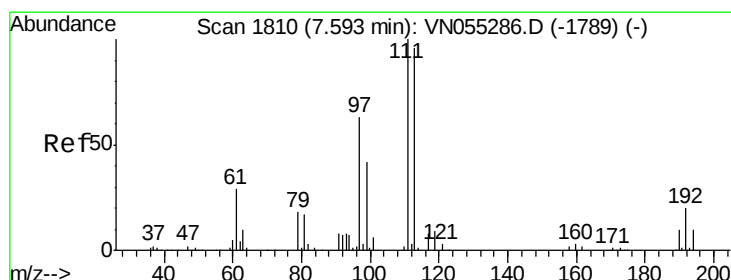
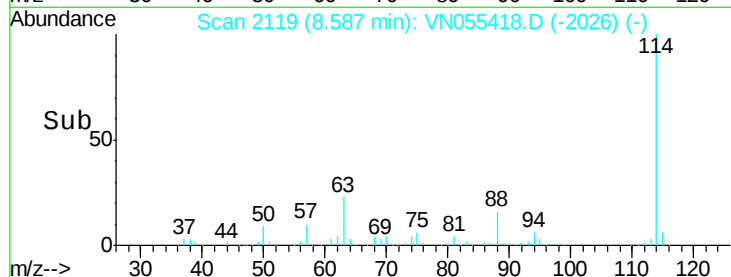
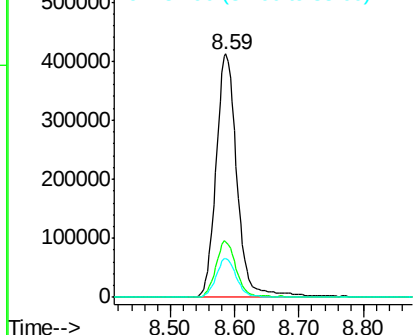
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055418.D
 Acq: 6 May 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-050319-A

Tot Ion:114 Resp: 939821
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.0 0.0 31.6

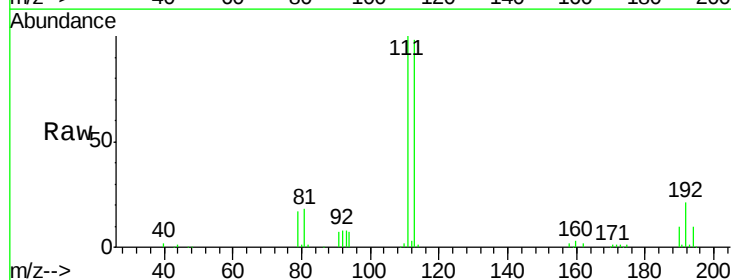


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

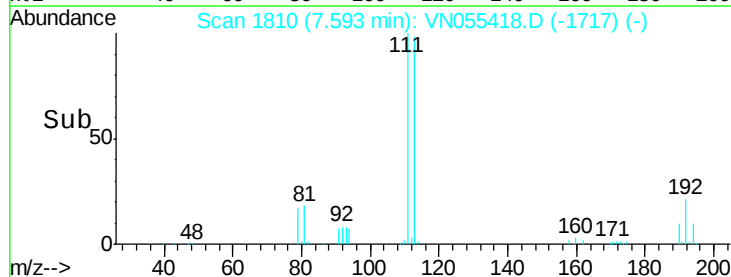
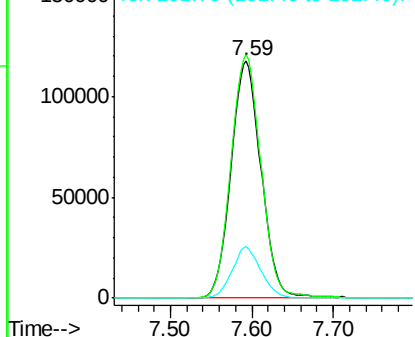


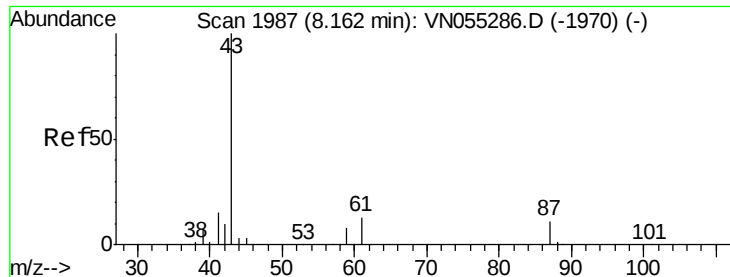
#35
 Dibromofluoromethane
 Concen: 48.872 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055418.D
 Acq: 6 May 2019 16:14

Tgt Ion:113 Resp: 301473
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.3 123.5
 192 20.8 17.0 25.6



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: 1.159 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055418.D

Acq: 6 May 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

NB-08-050319-A

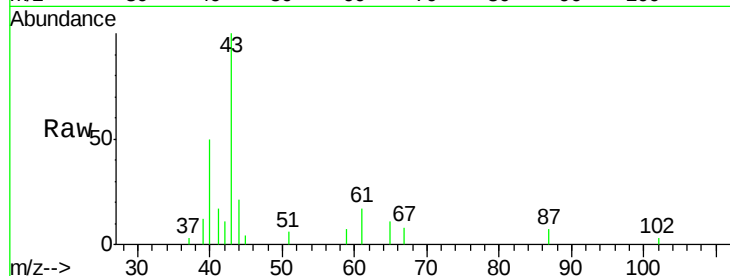
Tot Ion: 43 Resp: 12856

Ion Ratio Lower Upper

43 100

61 17.3 20.8 31.2#

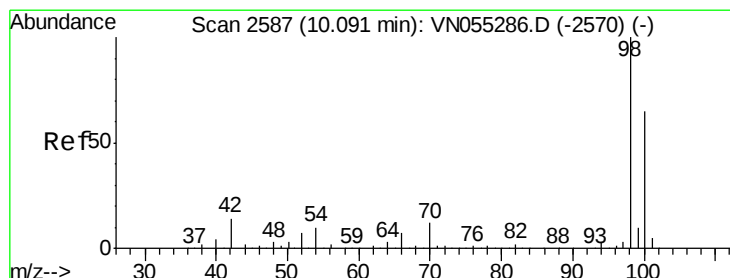
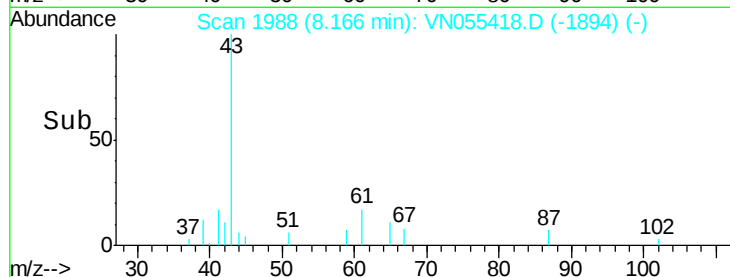
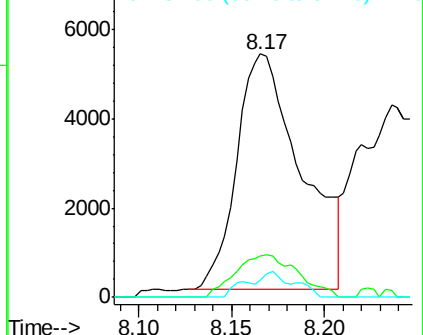
87 1.9 8.5 12.7#



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: 52.079 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055418.D

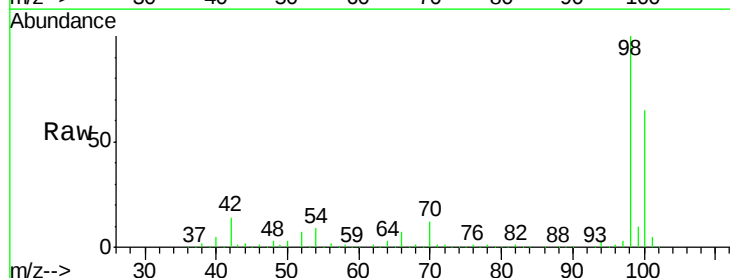
Acq: 6 May 2019 16:14

Tgt Ion: 98 Resp: 1160025

Ion Ratio Lower Upper

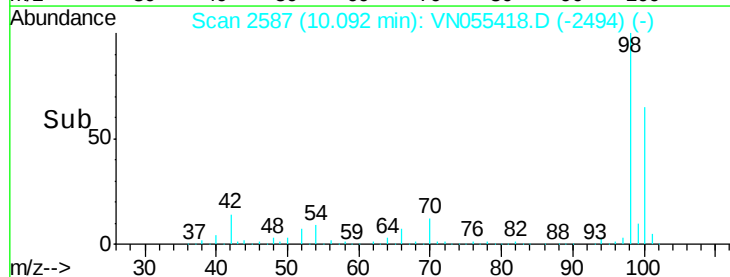
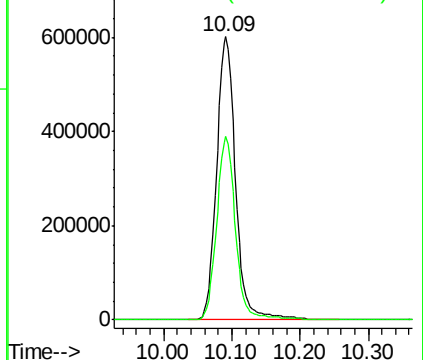
98 100

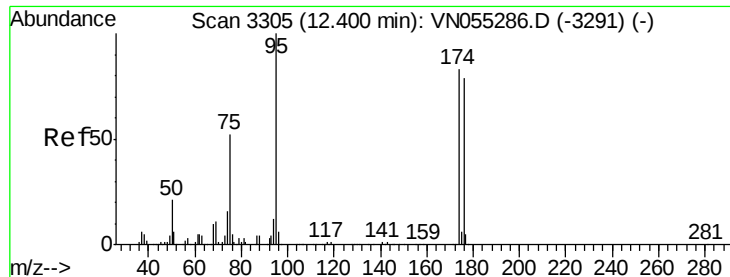
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.816 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055418.D

Acq: 6 May 2019 16:14

Instrument :

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ClientSampleId :

NB-08-050319-A

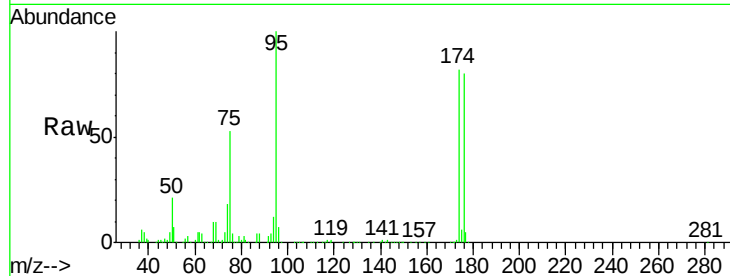
Tot Ion: 95 Resp: 402487

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.6

176 80.4 0.0 157.8



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

12.40

250000

200000

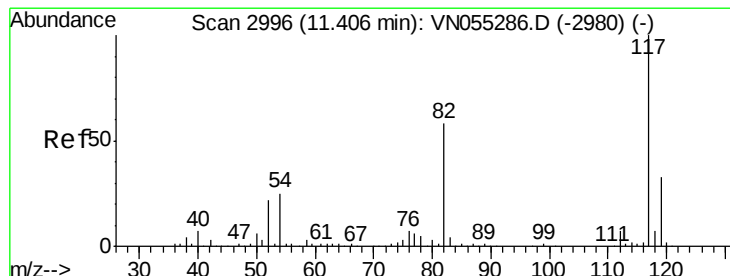
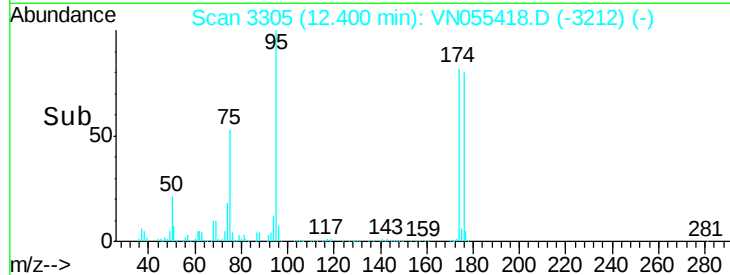
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055418.D

Acq: 6 May 2019 16:14

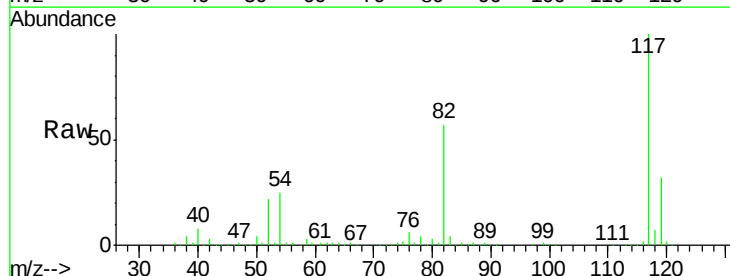
Tgt Ion: 117 Resp: 883517

Ion Ratio Lower Upper

117 100

82 57.0 46.2 69.4

119 31.7 26.6 40.0



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

11.41

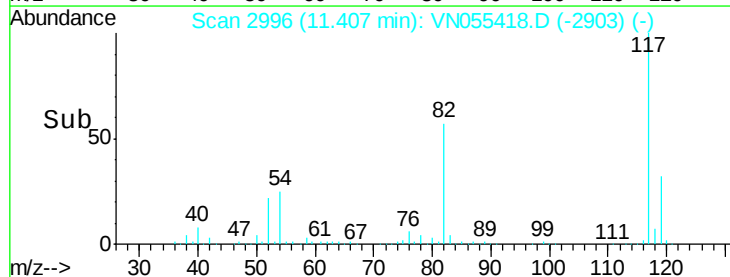
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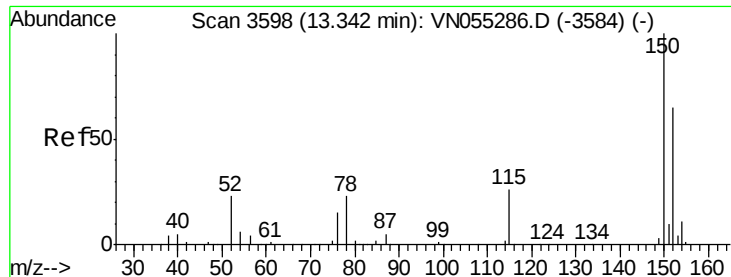
400000

200000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055418.D

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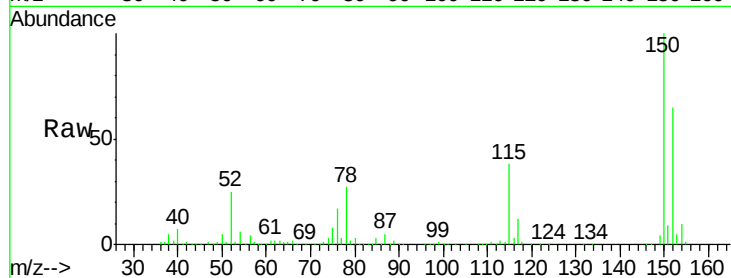
Tot Ion:152 Resp: 297199

Ion Ratio Lower Upper

152 100

115 58.5 29.0 87.0

150 155.8 0.0 345.6



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

