

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010919\
 Data File : VN053326.D
 Acq On : 9 Jan 2019 17:58
 Operator : MD\SY
 Sample : K1087-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-448-C

Quant Time: Jan 10 03:39:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

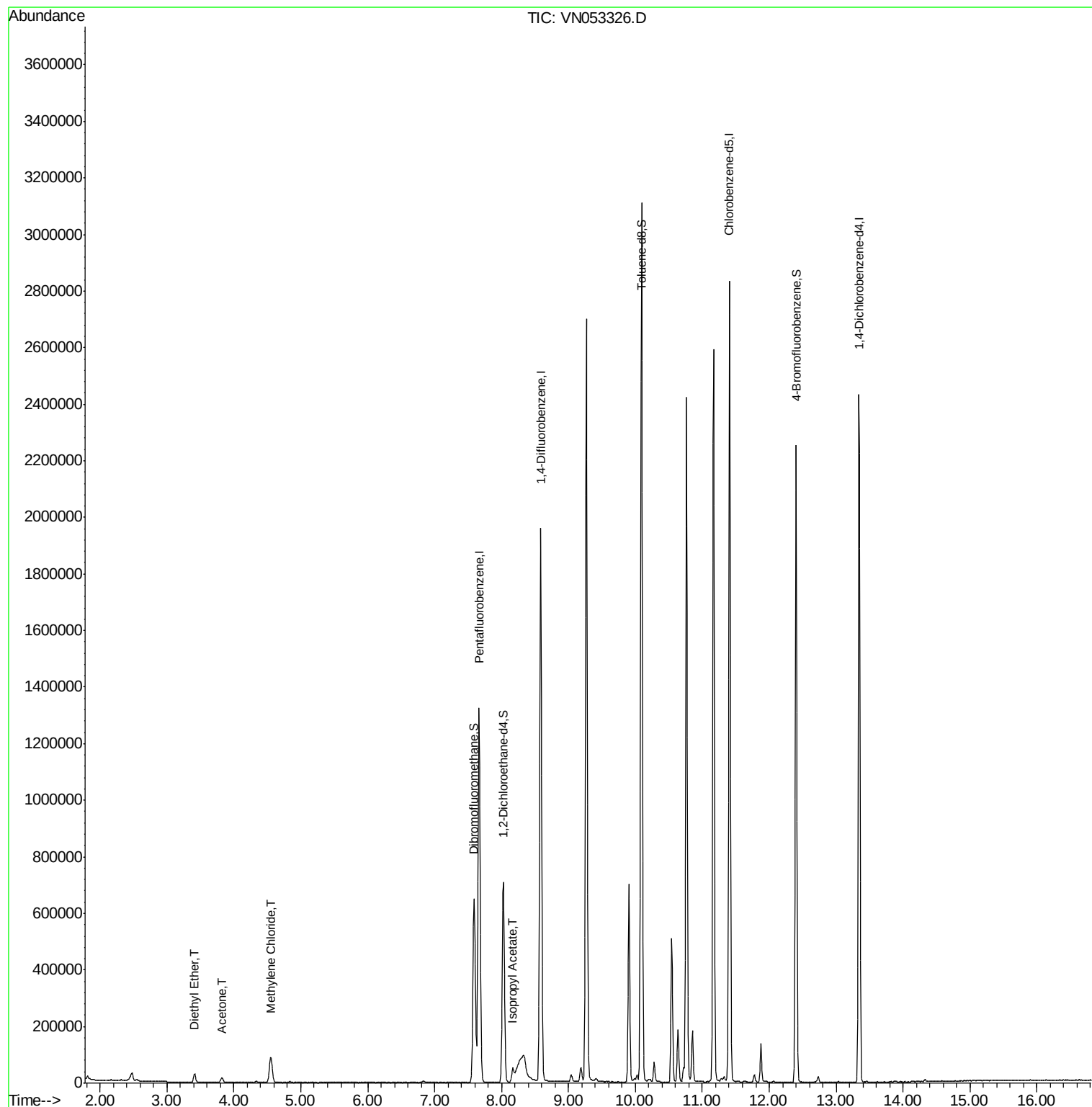
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1168011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1820401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1700282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	713508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	591180	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	7.59	113	511967	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.09	98	2260021	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	784256	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
Target Compounds						
8) Diethyl Ether	3.41	74	16900	2.425	ug/l	95
16) Acetone	3.82	43	27904	7.372	ug/l	99
20) Methylene Chloride	4.55	84	71066	5.445	ug/l	97
43) Isopropyl Acetate	8.17	43	58536	2.688	ug/l #	83

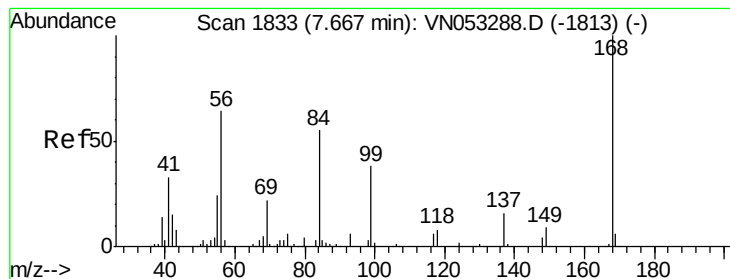
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010919\
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Quant Time: Jan 10 03:39:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

Instrument :

MSVOA_N

ClientSampled :

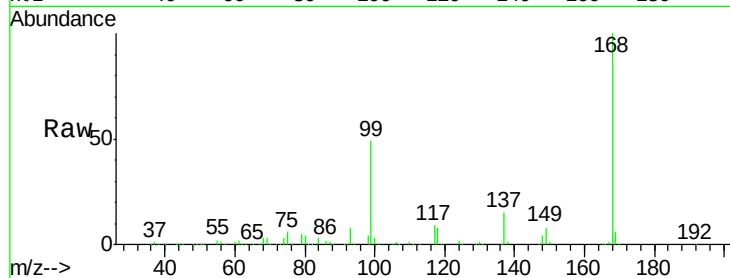
MH-448-C

Tot Ion:168 Resp: 1168011

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

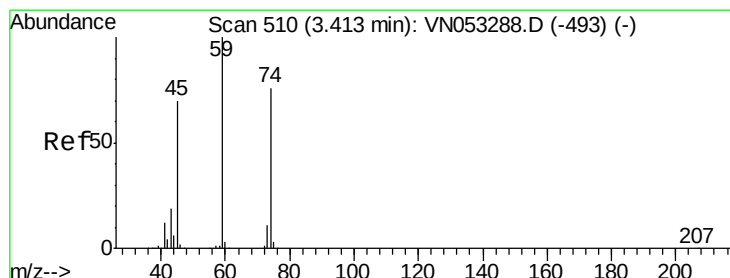
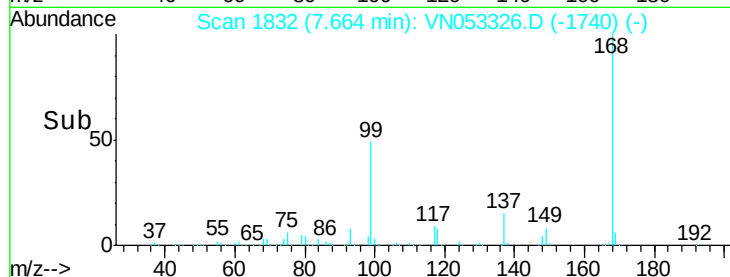
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 2.425 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053326.D

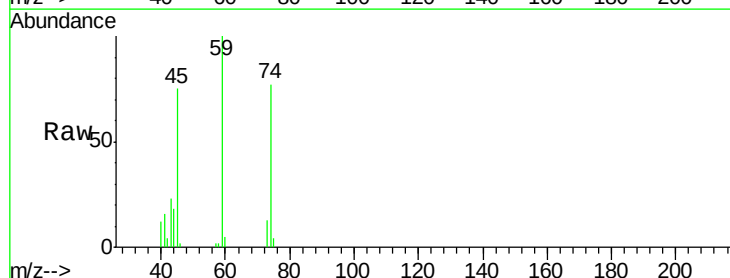
Acq: 9 Jan 2019 17:58

Tgt Ion: 74 Resp: 16900

Ion Ratio Lower Upper

74 100

45 101.6 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

8000

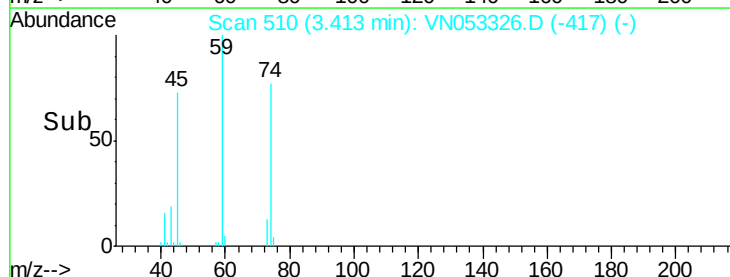
6000

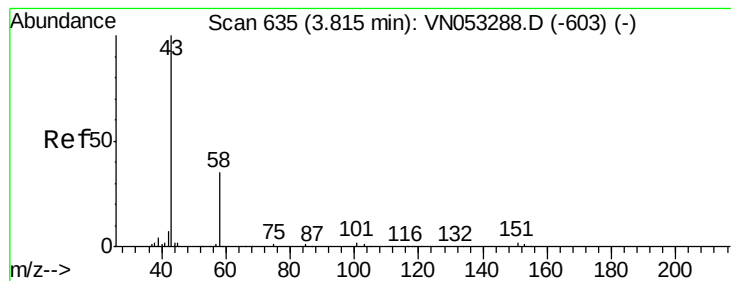
4000

2000

0

Time-->





#16

Acetone

Concen: 7.372 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

Instrument :

MSVOA_N

ClientSampled :

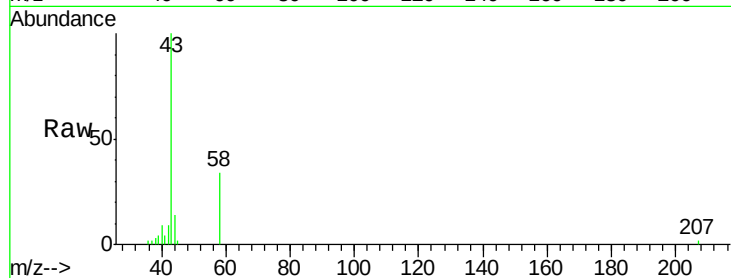
MH-448-C

Tot Ion: 43 Resp: 27904

Ion Ratio Lower Upper

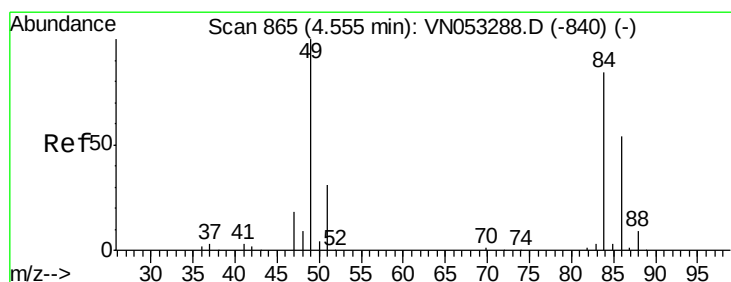
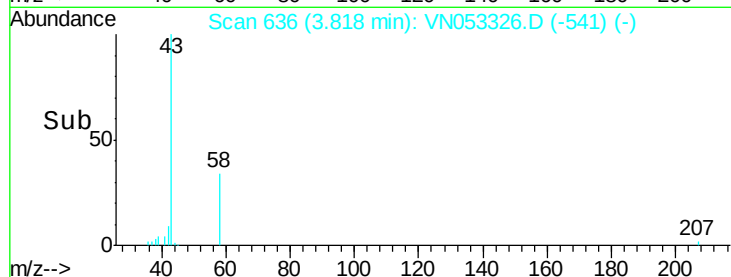
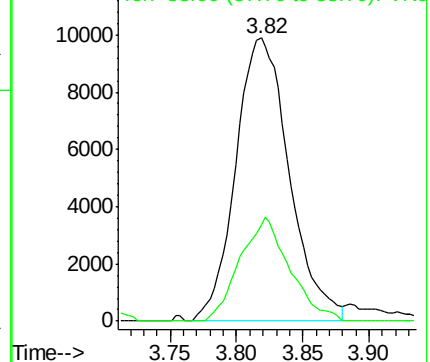
43 100

58 34.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 5.445 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

Tgt Ion: 84 Resp: 71066

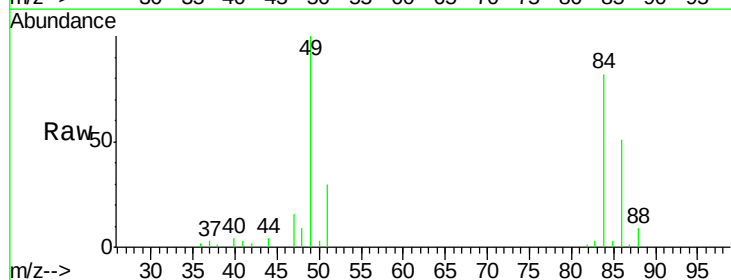
Ion Ratio Lower Upper

84 100

49 121.9 95.3 142.9

51 36.8 29.0 43.6

86 61.7 51.7 77.5

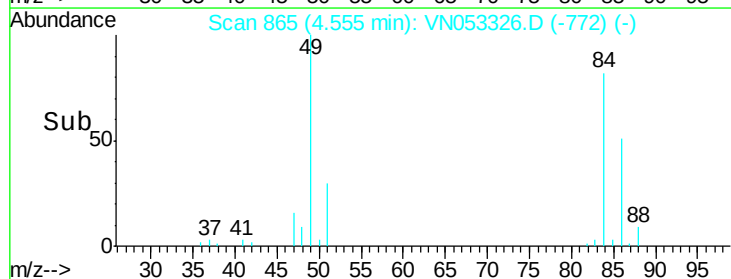
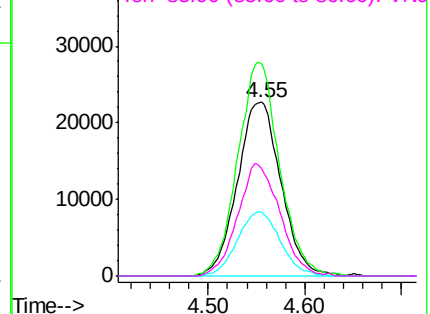


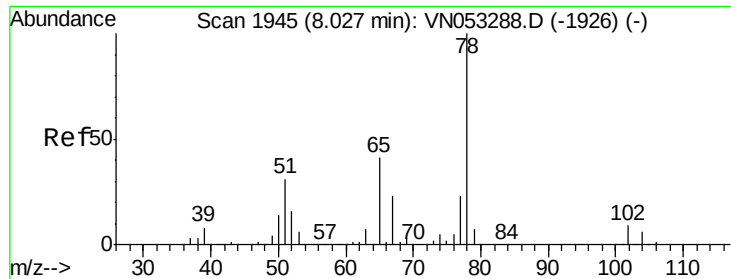
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

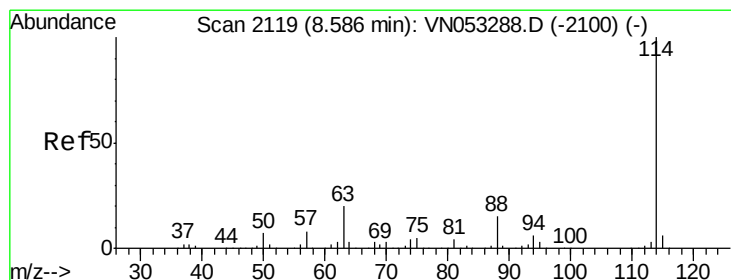
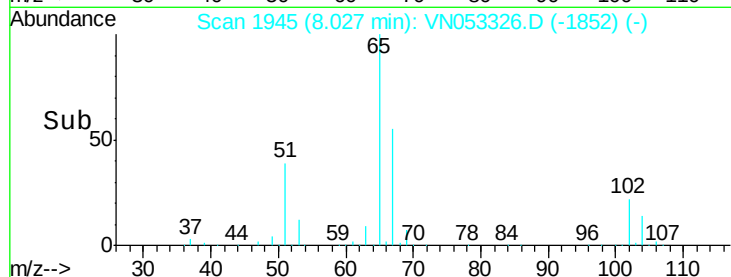
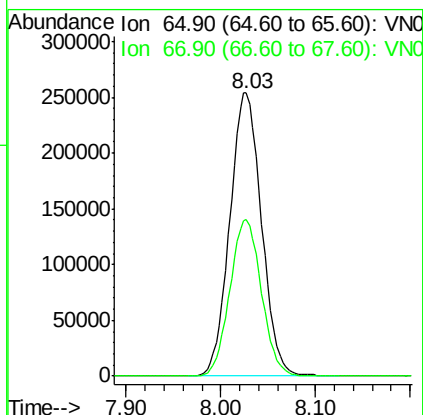
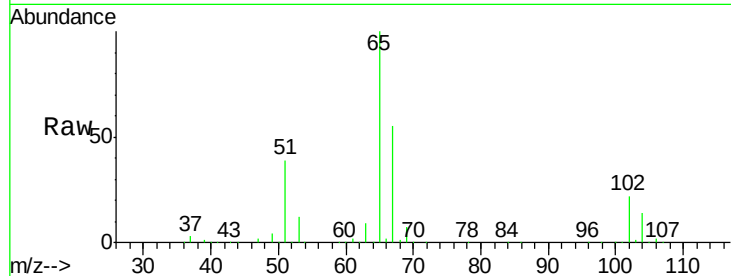




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053326.D
 Acq: 9 Jan 2019 17:58

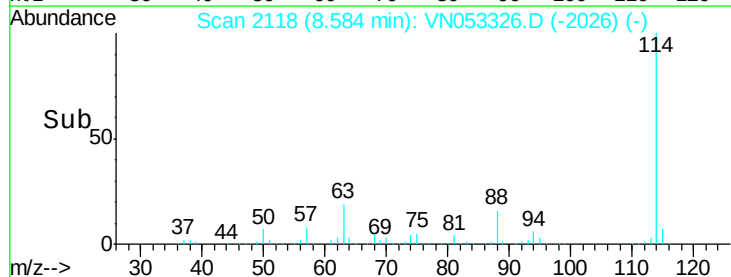
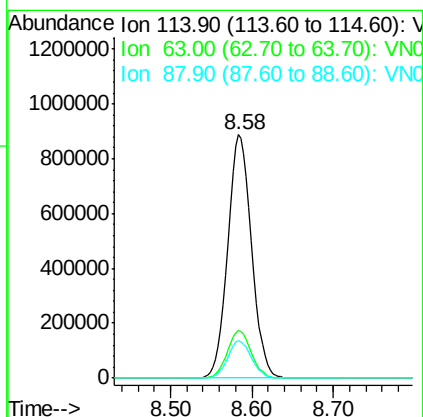
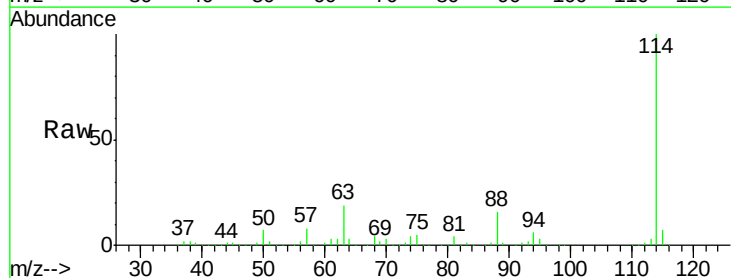
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-448-C

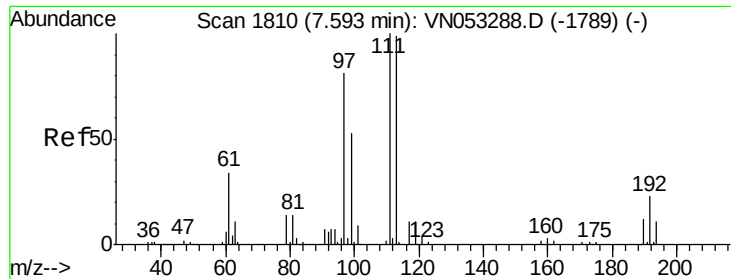
Tot Ion: 65 Resp: 591180
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053326.D
 Acq: 9 Jan 2019 17:58

Tgt Ion: 114 Resp: 1820401
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.8

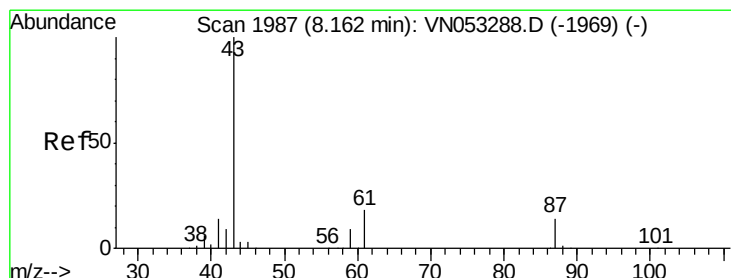
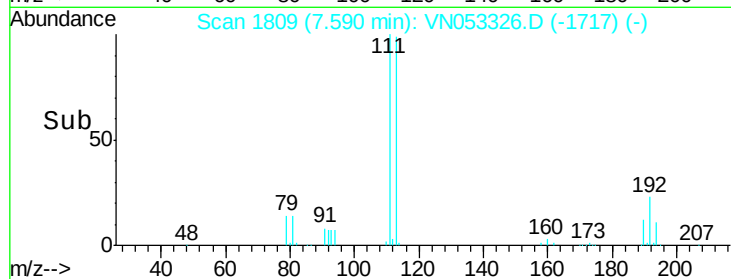
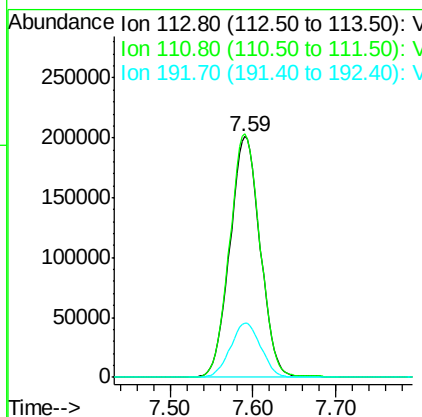
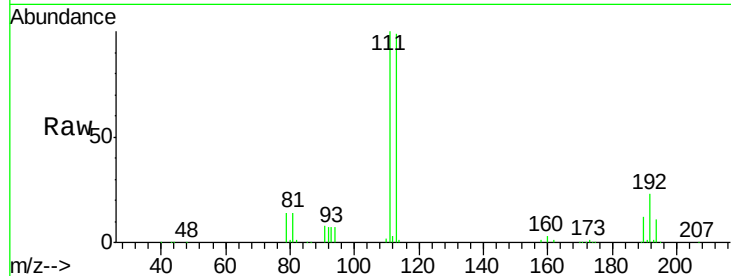




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053326.D
Acq: 9 Jan 2019 17:58

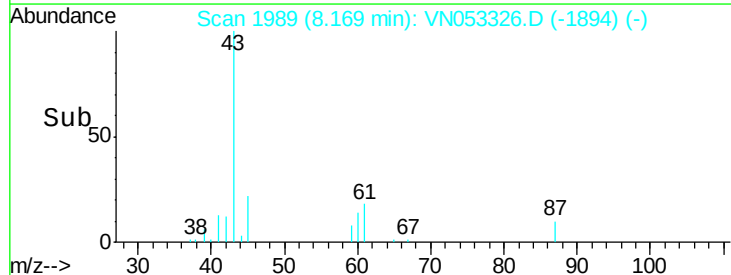
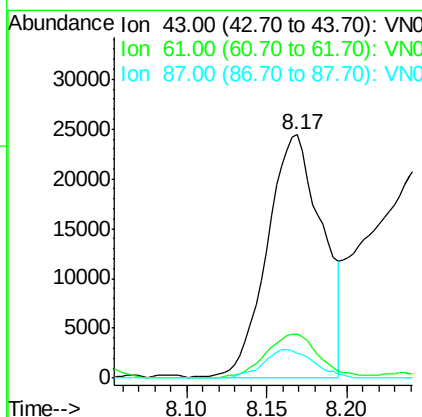
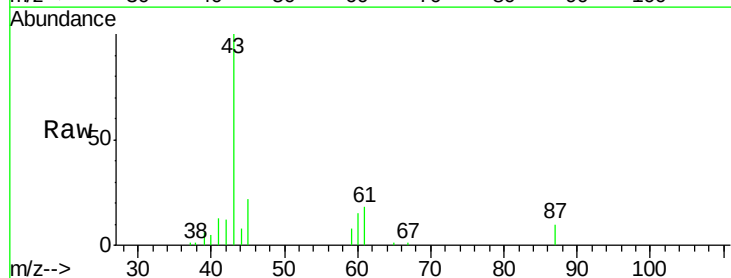
Instrument :
MSVOA_N
ClientSampled :
MH-448-C

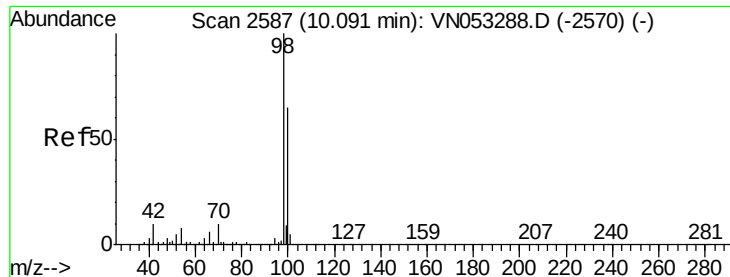
Tot Ion:113 Resp: 511967
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 22.6 17.9 26.9



#43
Isopropyl Acetate
Concen: 2.688 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053326.D
Acq: 9 Jan 2019 17:58

Tgt Ion: 43 Resp: 58536
Ion Ratio Lower Upper
43 100
61 17.6 23.3 34.9#
87 10.7 10.8 16.2#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

Instrument :

MSVOA_N

ClientSampled :

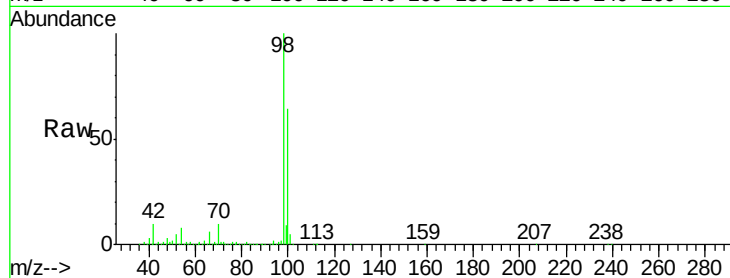
MH-448-C

Tot Ion: 98 Resp: 2260021

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

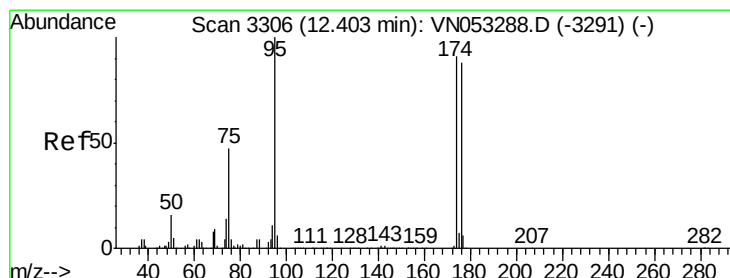
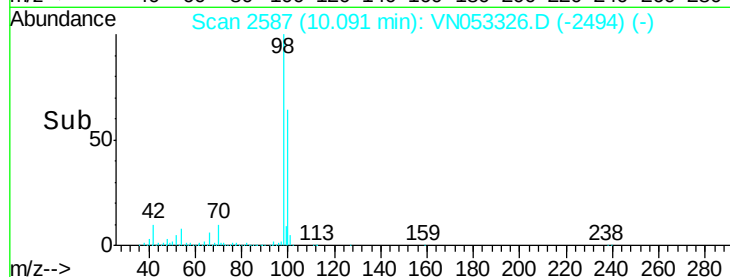
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

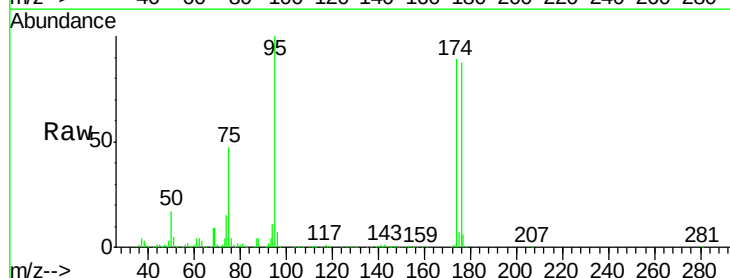
Tgt Ion: 95 Resp: 784256

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.4

176 87.7 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

600000

500000

400000

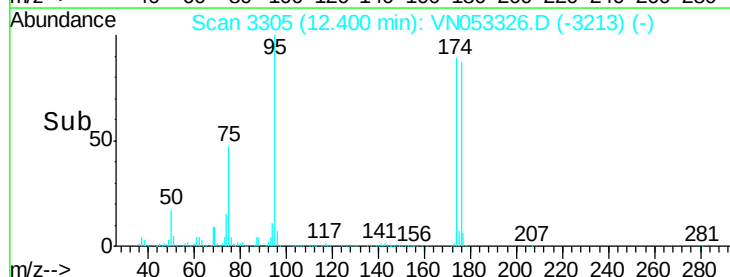
300000

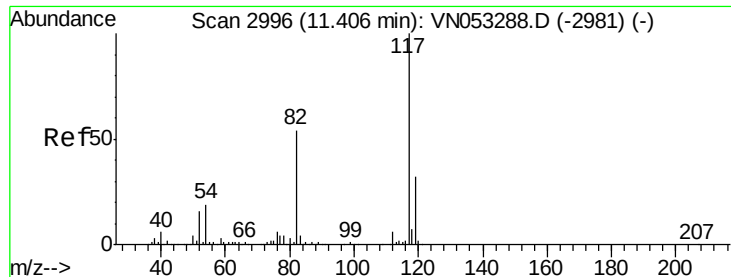
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

MH-448-C

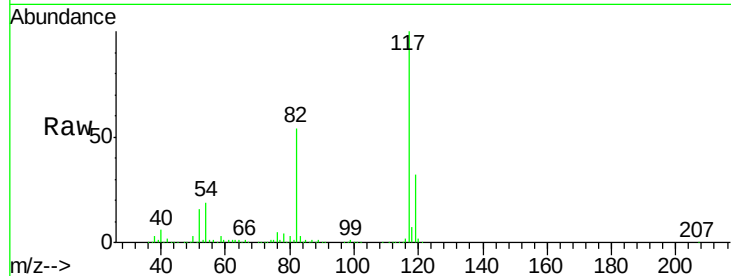
Tot Ion:117 Resp: 1700282

Ion Ratio Lower Upper

117 100

82 54.3 42.9 64.3

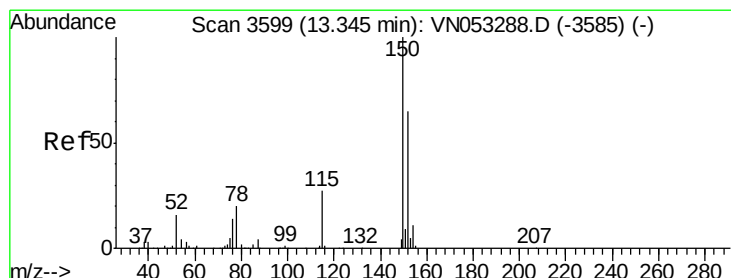
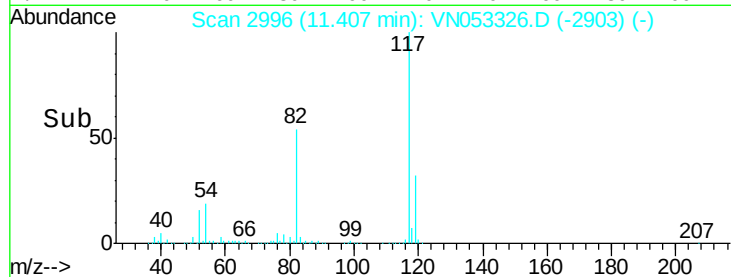
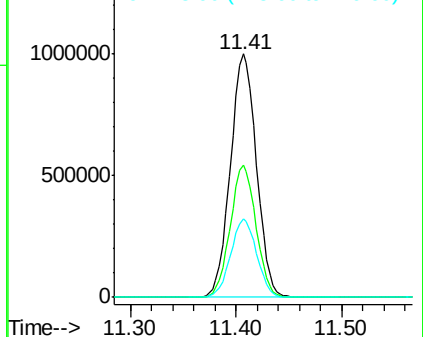
119 32.2 25.6 38.4



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053326.D

Acq: 9 Jan 2019 17:58

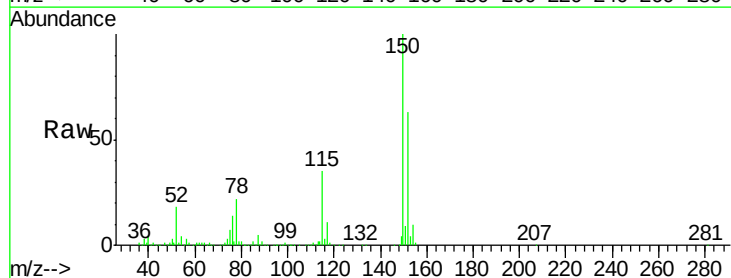
Tgt Ion:152 Resp: 713508

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 157.5 0.0 346.6



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

