

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055099.D
 Acq On : 17 Apr 2019 12:12
 Operator : JC/SP
 Sample : K2197-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-D

Quant Time: Apr 18 08:32:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

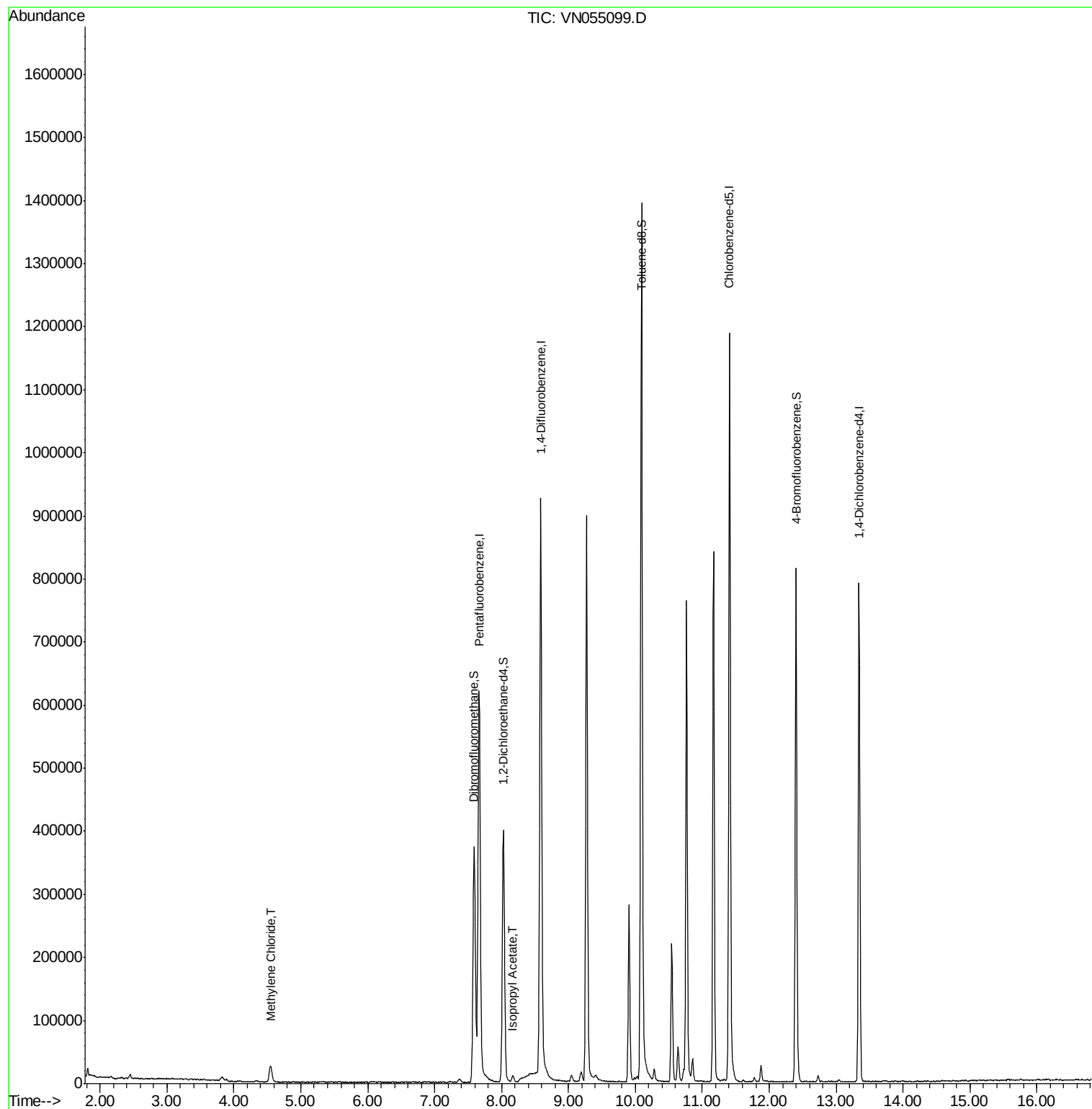
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	535275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	856446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	341039	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	278809	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.09	98	1011642	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	286378	43.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.00%	
Target Compounds						
20) Methylene Chloride	4.55	84	17141	2.525	ug/l	96
43) Isopropyl Acetate	8.17	43	12069	1.192	ug/l	98

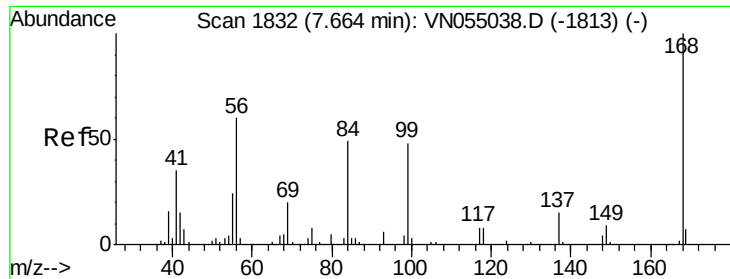
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 15 12:28:28 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055099.D

Acq: 17 Apr 2019 12:12

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MSVOA_N

ClientSampleId :

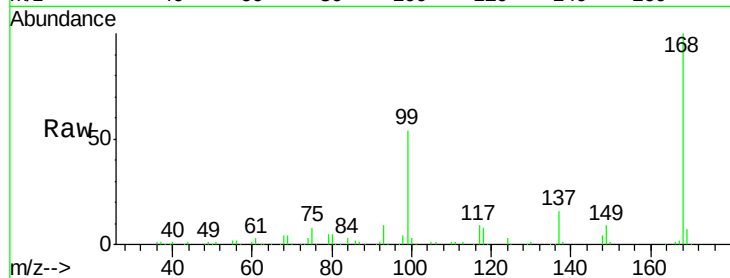
CL-01-041619-D

Tot Ion:168 Resp: 535275

Ion Ratio Lower Upper

168 100

99 54.0 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

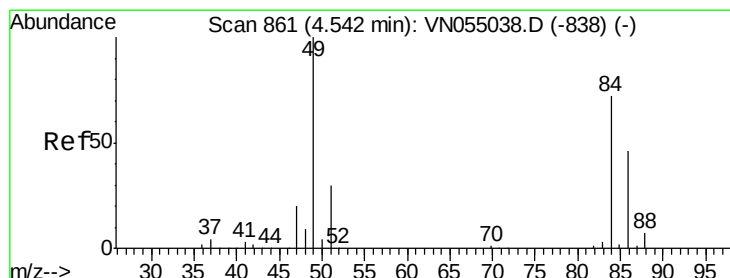
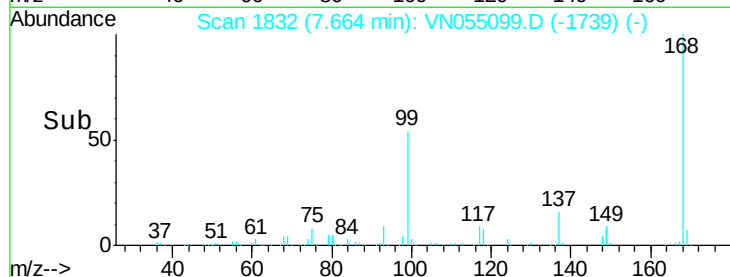
0

7.66

7.70

7.80

Time-->



#20

Methylene Chloride

Concen: 2.525 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055099.D

Acq: 17 Apr 2019 12:12

Tgt Ion: 84 Resp: 17141

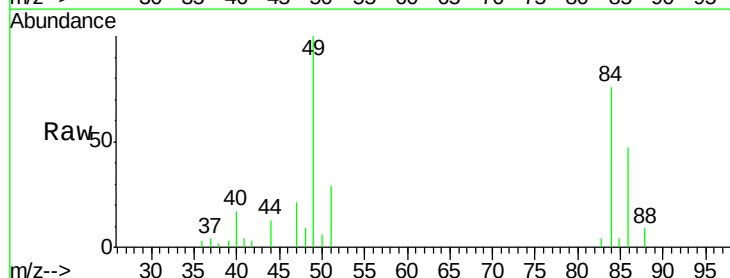
Ion Ratio Lower Upper

84 100

49 129.1 109.4 164.2

51 38.6 32.2 48.4

86 61.9 49.3 73.9



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

12000

10000

8000

6000

4000

2000

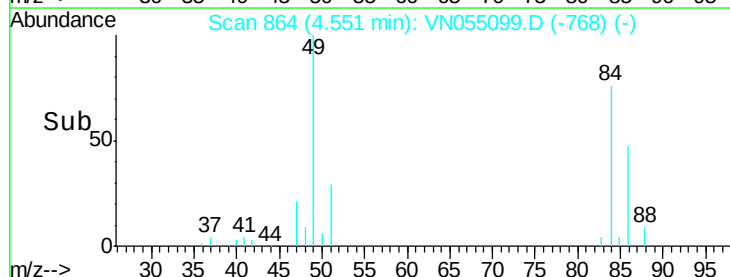
0

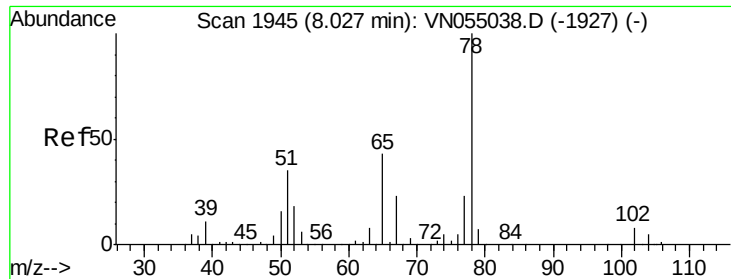
4.55

4.60

4.65

Time-->

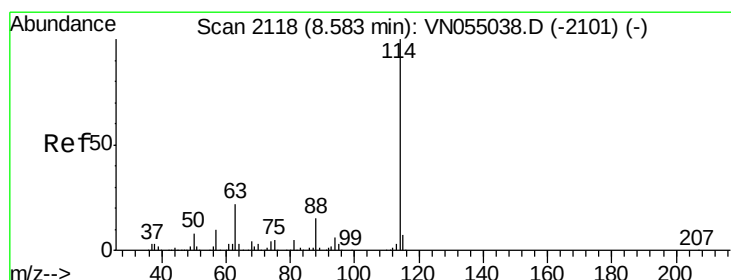
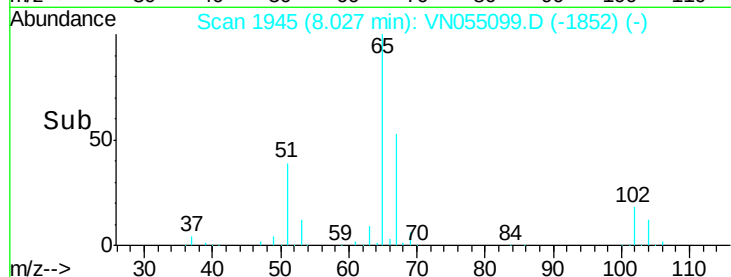
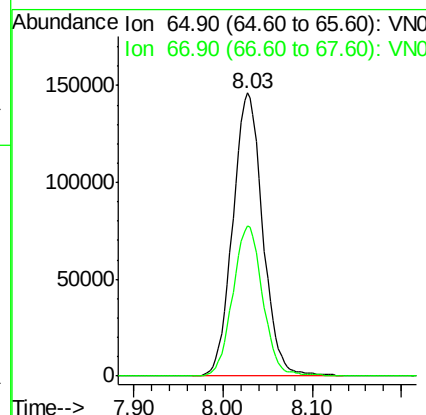
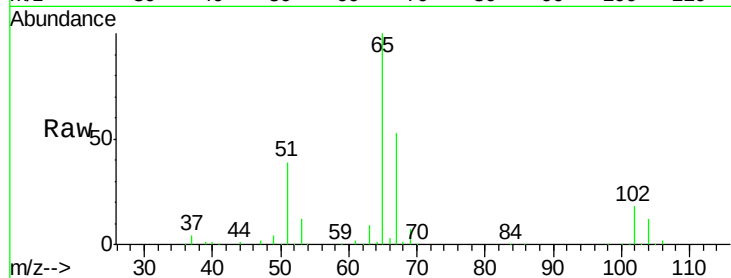




#33
 1,2-Dichloroethane-d4
 Concen: 47.931 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055099.D
 Acq: 17 Apr 2019 12:12

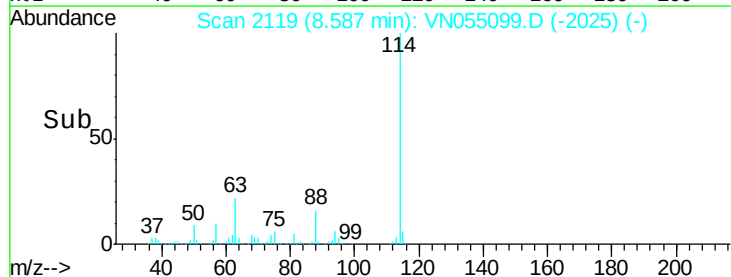
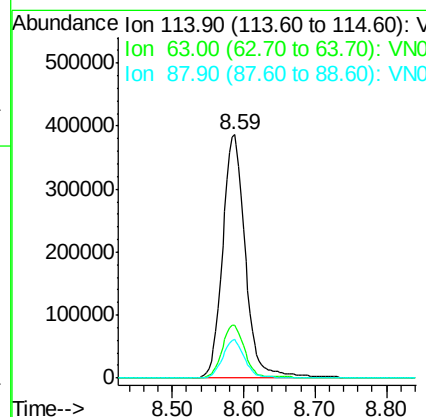
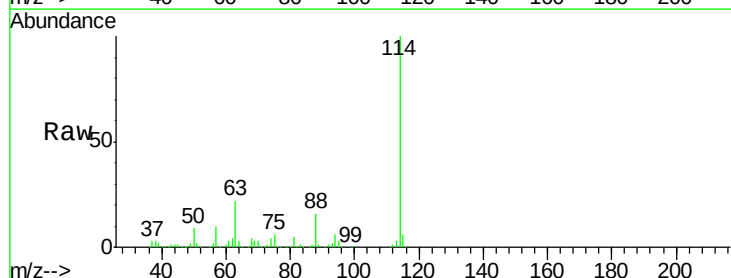
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-D

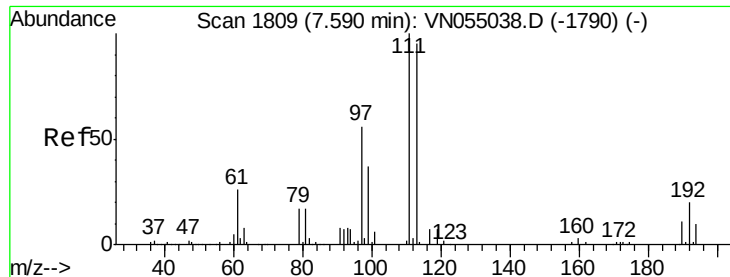
Tot Ion: 65 Resp: 341039
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055099.D
 Acq: 17 Apr 2019 12:12

Tgt Ion: 114 Resp: 856446
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.2
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.711 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055099.D

Acq: 17 Apr 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-041619-D

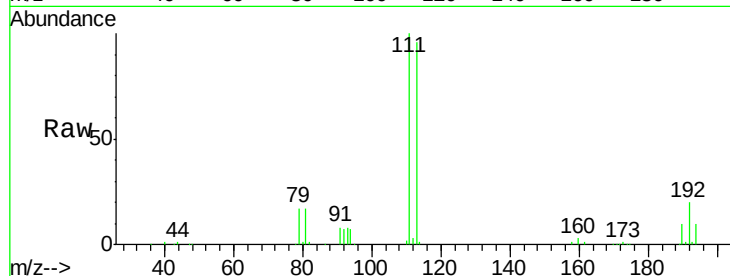
Tot Ion:113 Resp: 278809

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

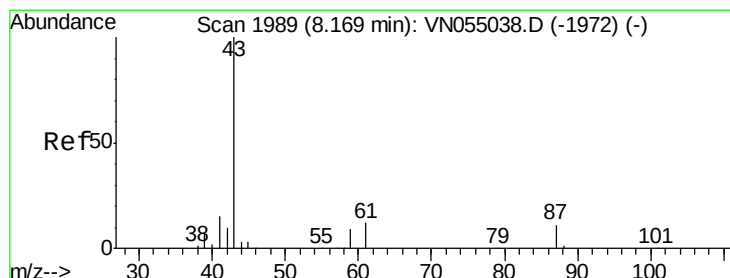
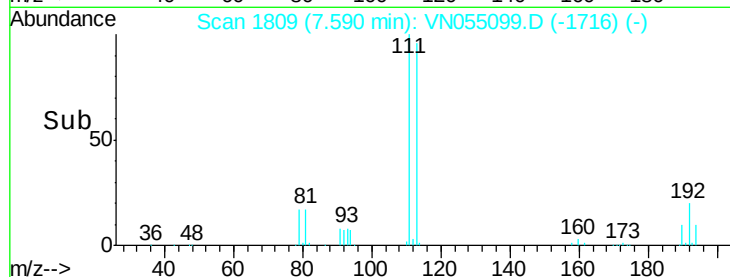
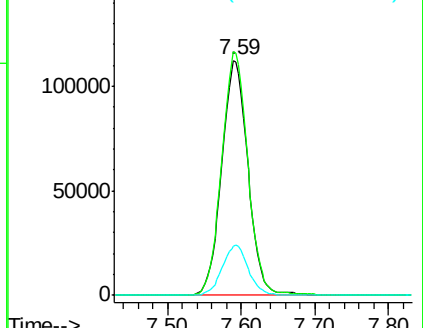
192 21.1 16.5 24.7



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: 1.192 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055099.D

Acq: 17 Apr 2019 12:12

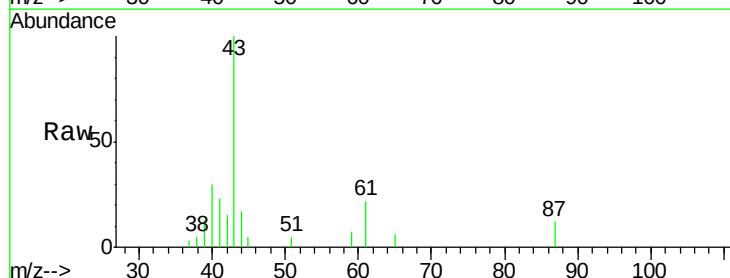
Tgt Ion: 43 Resp: 12069

Ion Ratio Lower Upper

43 100

61 18.4 14.3 21.5

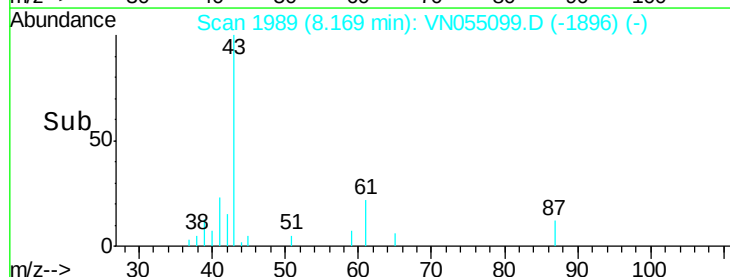
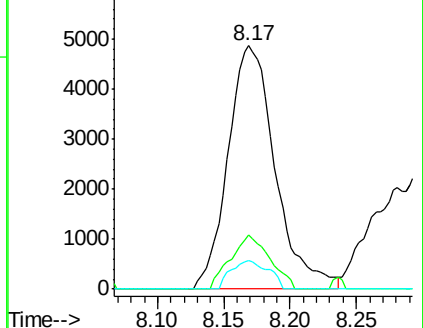
87 9.2 8.6 13.0

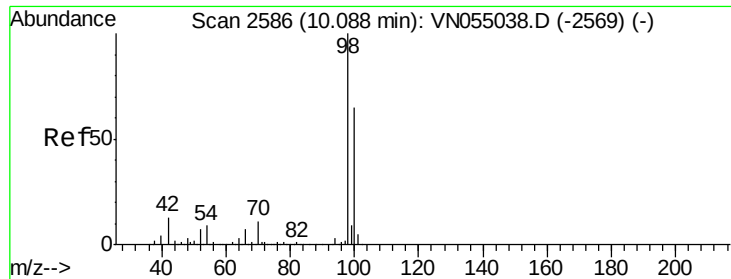


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.383 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055099.D

Acq: 17 Apr 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

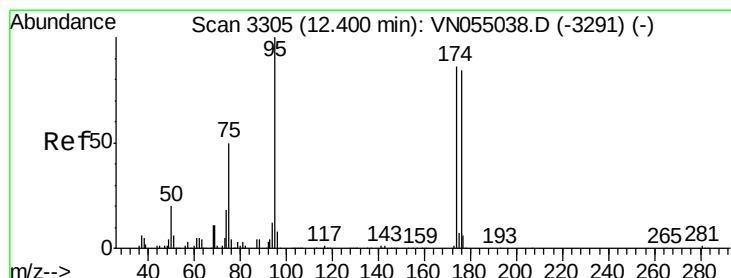
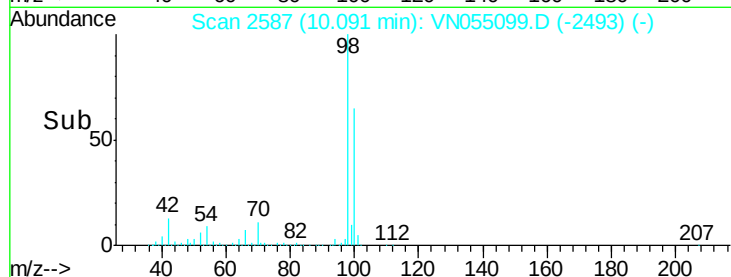
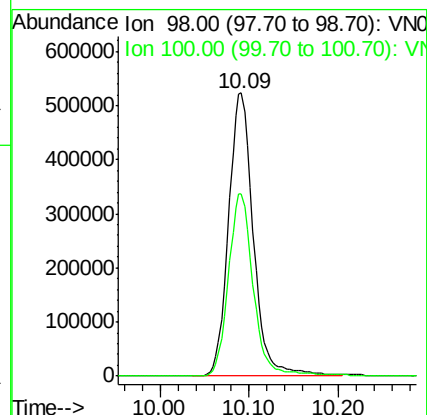
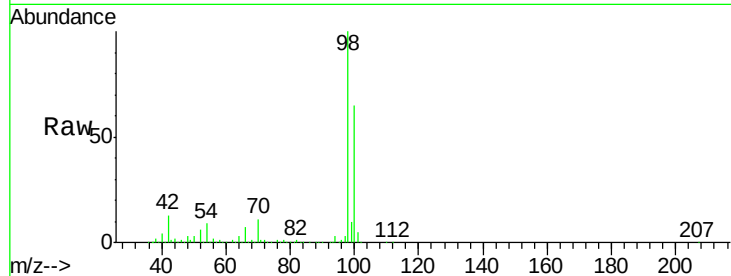
CL-01-041619-D

Tot Ion: 98 Resp: 1011642

Ion Ratio Lower Upper

98 100

100 64.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.001 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055099.D

Acq: 17 Apr 2019 12:12

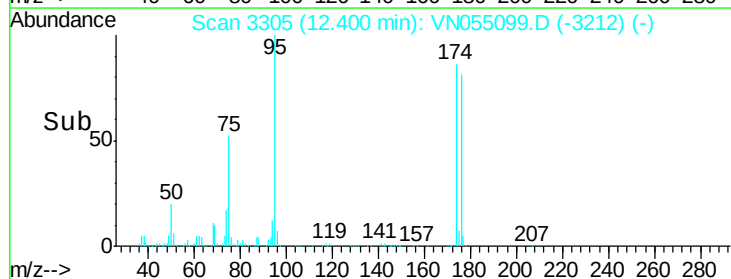
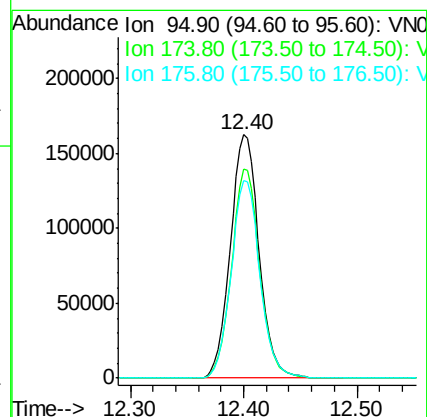
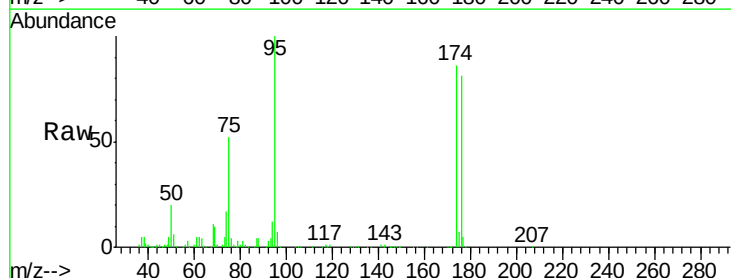
Tgt Ion: 95 Resp: 286378

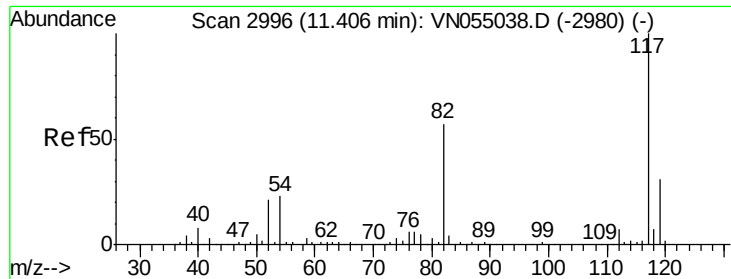
Ion Ratio Lower Upper

95 100

174 84.1 0.0 174.4

176 81.6 0.0 166.8

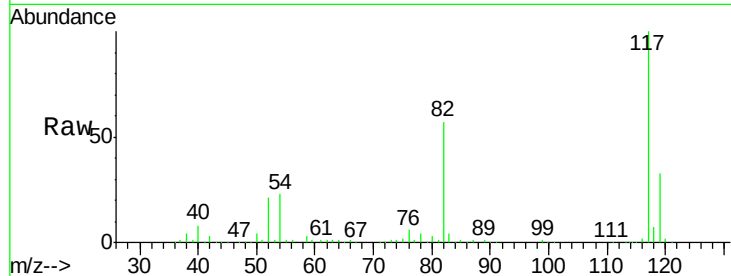




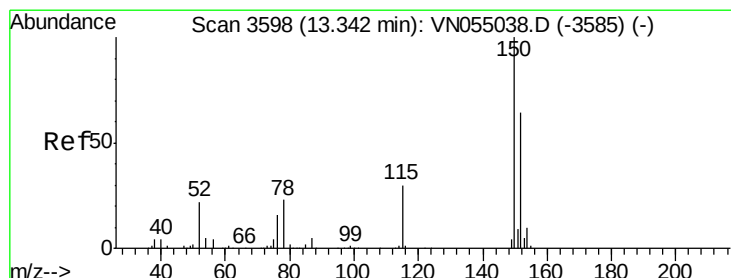
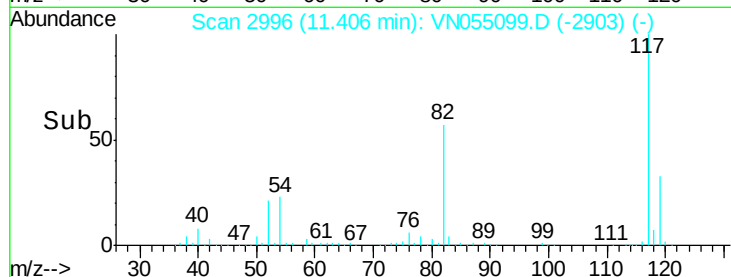
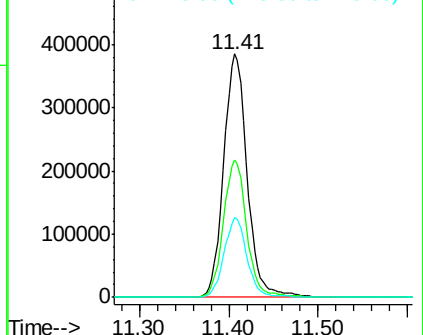
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055099.D
Acq: 17 Apr 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-041619-D

Tot Ion:117 Resp: 703442
Ion Ratio Lower Upper
117 100
82 56.5 44.6 66.8
119 32.6 25.5 38.3

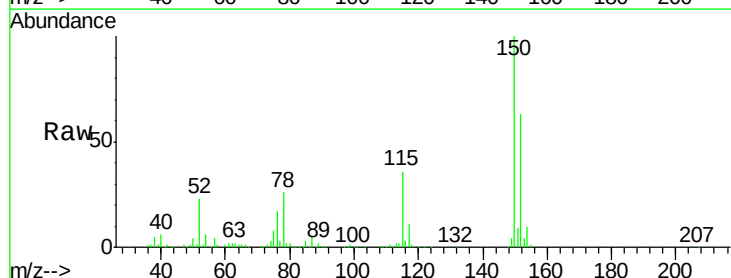


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055099.D
Acq: 17 Apr 2019 12:12

Tgt Ion:152 Resp: 211045
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.6
150 159.1 0.0 347.2



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

