

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055102.D
 Acq On : 17 Apr 2019 13:31
 Operator : JC/SP
 Sample : K2197-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 18 08:35:25 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

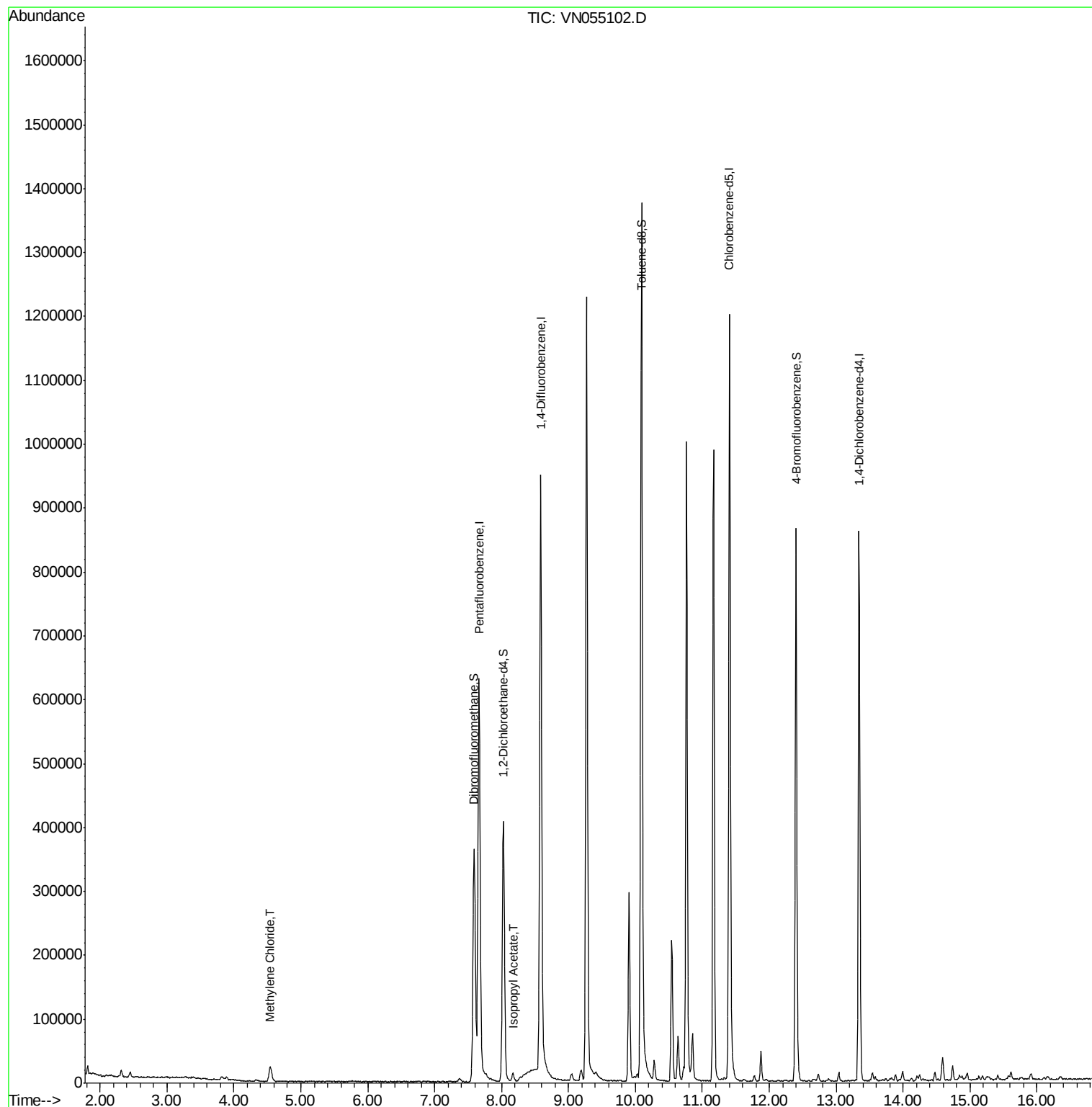
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	538485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	871580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	727701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344433	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.59	113	273838	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
50) Toluene-d8	10.09	98	1043737	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	296473	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	15901	2.328	ug/l	94
43) Isopropyl Acetate	8.17	43	14620	1.418	ug/l	97

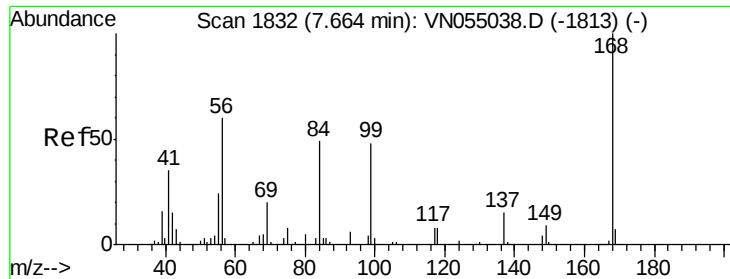
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041719\
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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: VN055102.D

Acq: 17 Apr 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

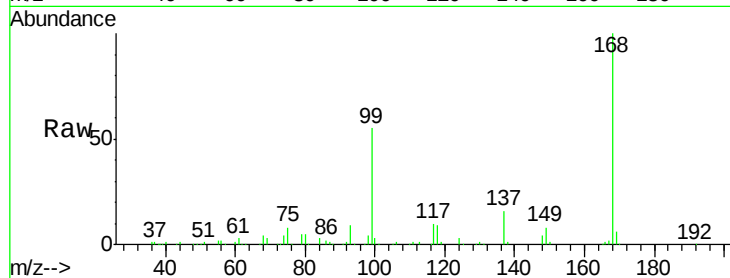
CL-01-041619-A

Tot Ion:168 Resp: 538485

Ion Ratio Lower Upper

168 100

99 55.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

150000

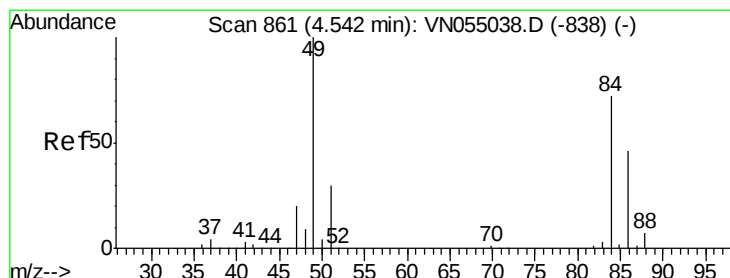
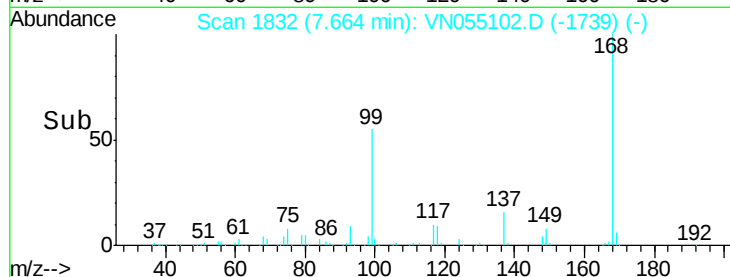
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 2.328 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN055102.D

Acq: 17 Apr 2019 13:31

Tgt Ion: 84 Resp: 15901

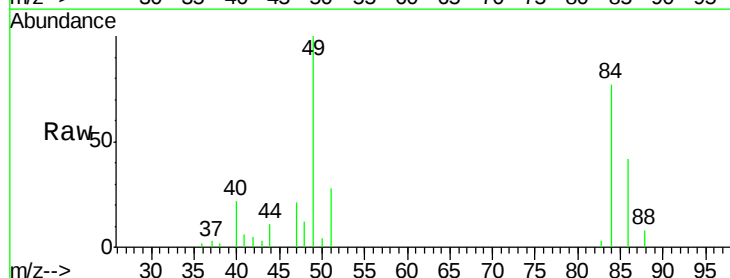
Ion Ratio Lower Upper

84 100

49 130.3 109.4 164.2

51 36.6 32.2 48.4

86 54.8 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

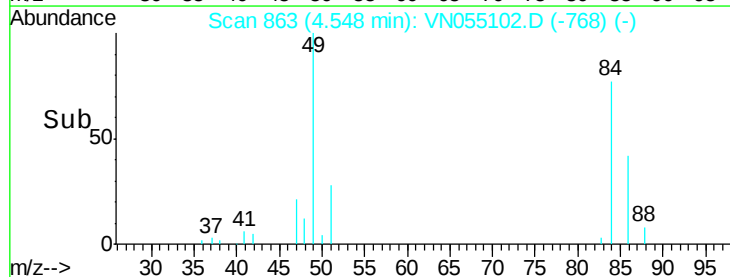
4000

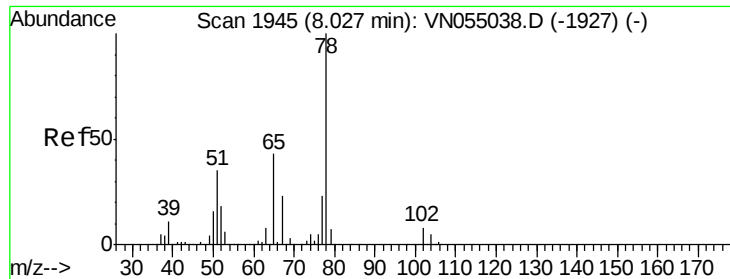
2000

0

Time-->

4.45 4.50 4.55 4.60 4.65

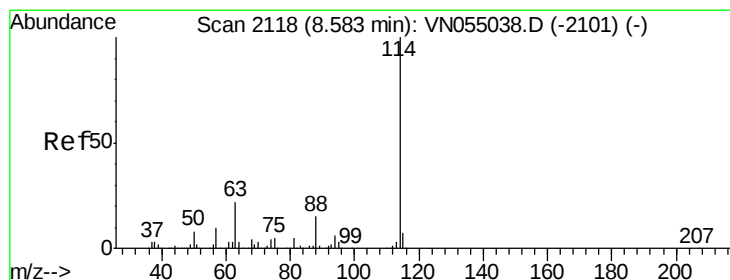
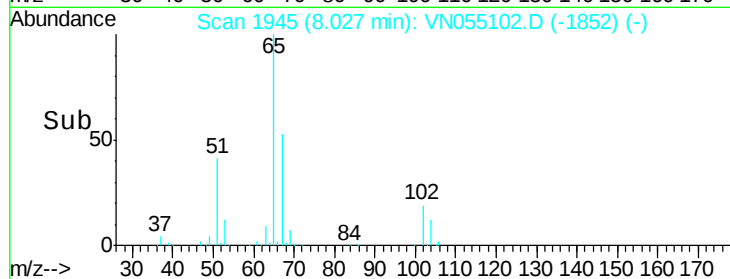
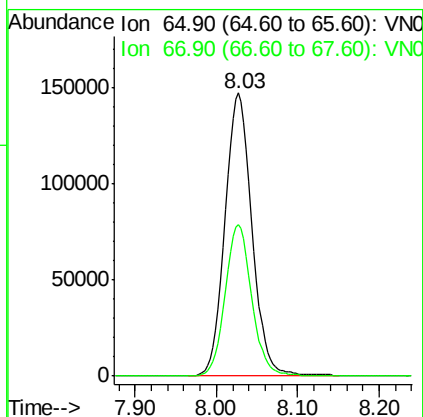
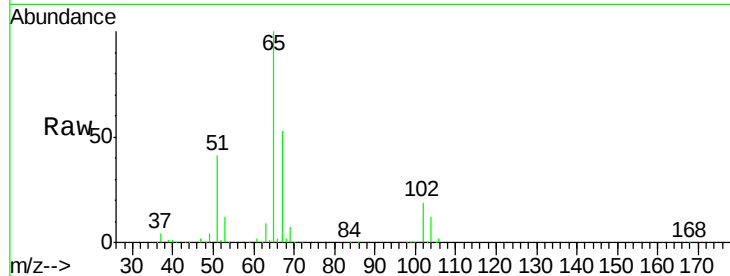




#33
 1,2-Dichloroethane-d4
 Concen: 48.120 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055102.D
 Acq: 17 Apr 2019 13:31

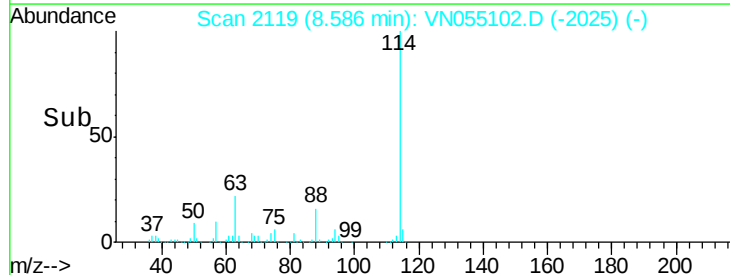
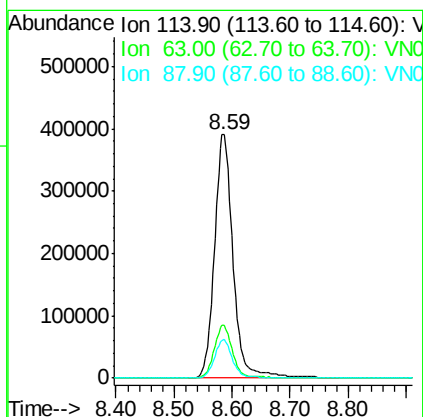
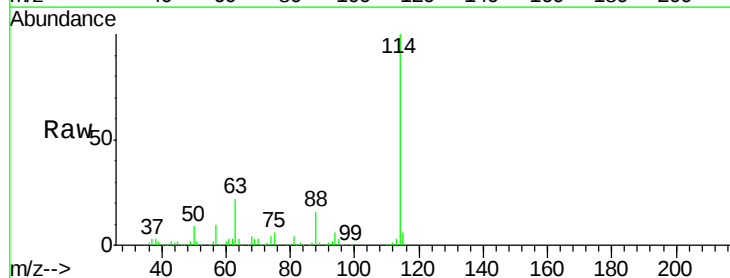
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-A

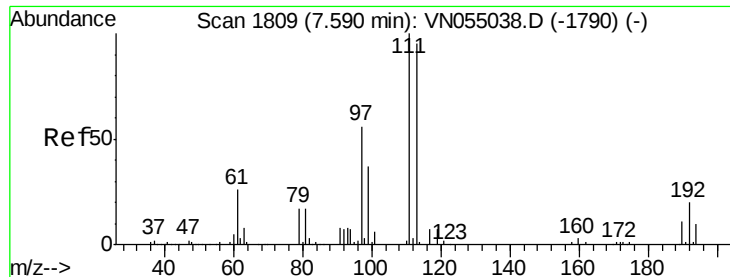
Tot Ion: 65 Resp: 344433
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055102.D
 Acq: 17 Apr 2019 13:31

Tgt Ion: 114 Resp: 871580
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.2
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.012 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055102.D

Acq: 17 Apr 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

CL-01-041619-A

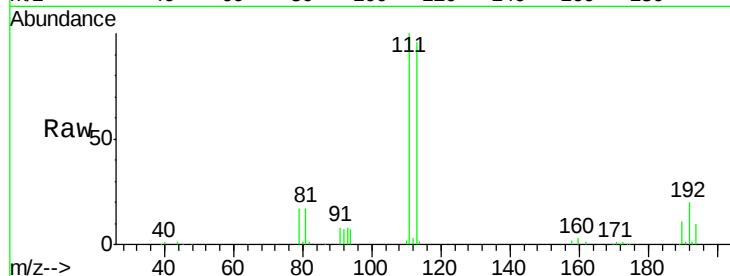
Tot Ion:113 Resp: 273838

Ion Ratio Lower Upper

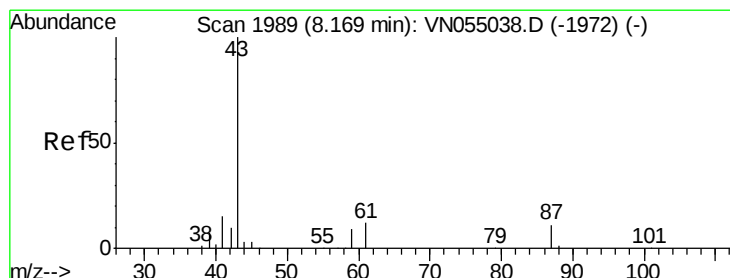
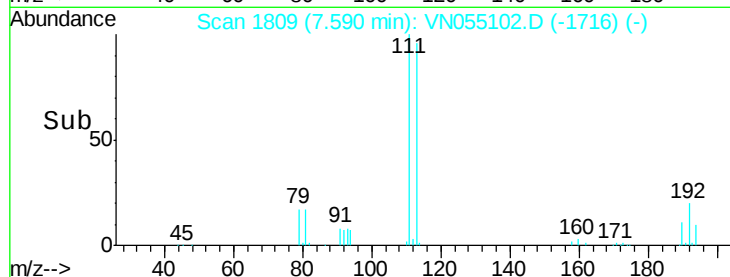
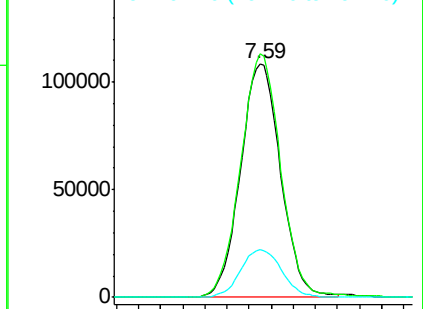
113 100

111 104.5 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: 1.418 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055102.D

Acq: 17 Apr 2019 13:31

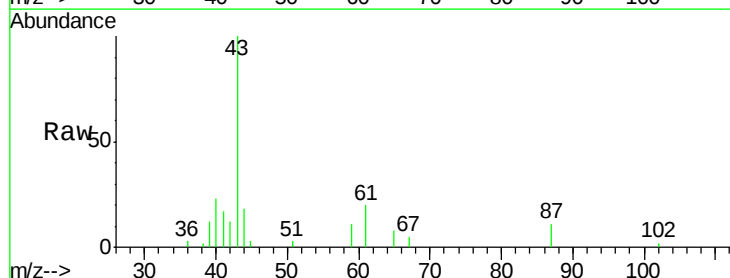
Tgt Ion: 43 Resp: 14620

Ion Ratio Lower Upper

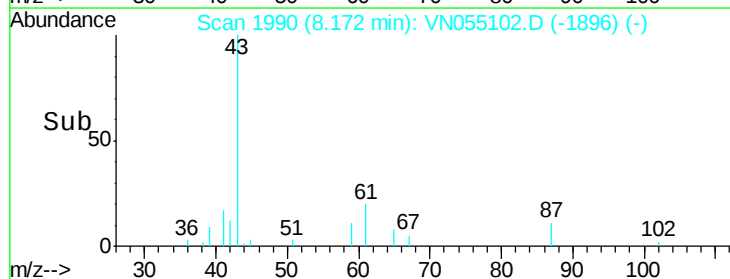
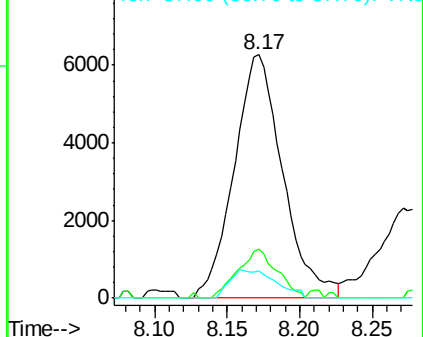
43 100

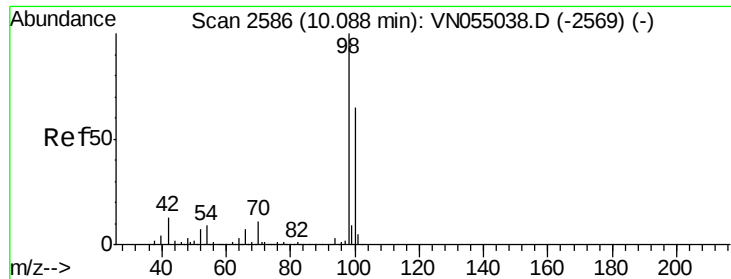
61 16.2 14.3 21.5

87 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.065 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055102.D

Acq: 17 Apr 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

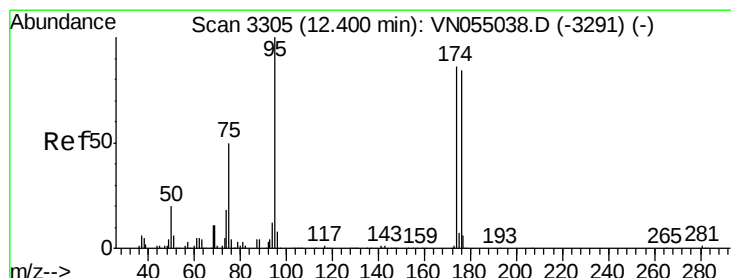
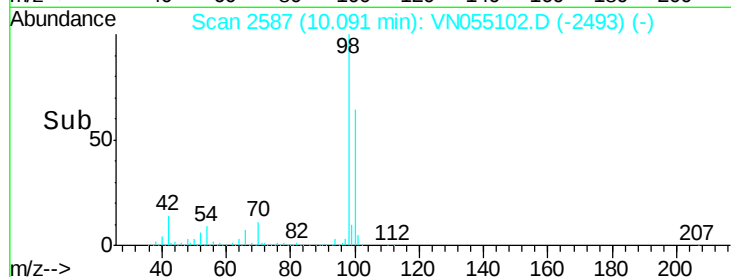
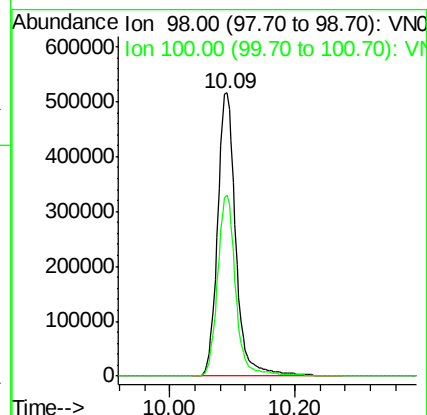
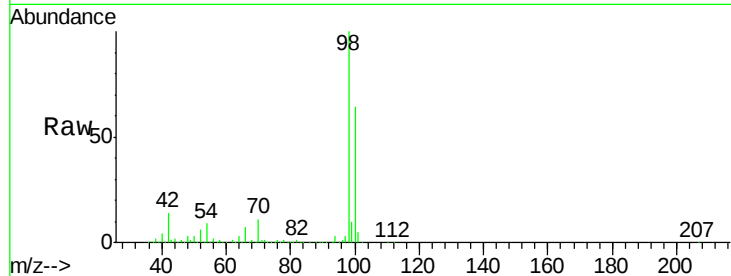
CL-01-041619-A

Tot Ion: 98 Resp: 1043737

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.744 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055102.D

Acq: 17 Apr 2019 13:31

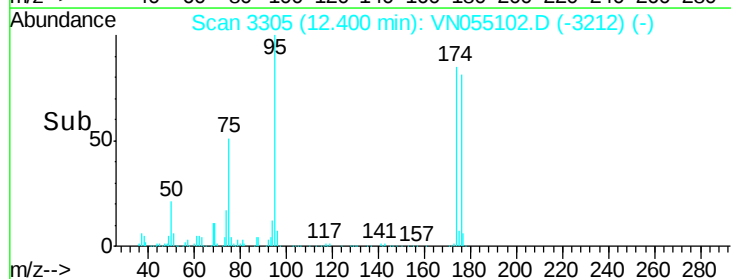
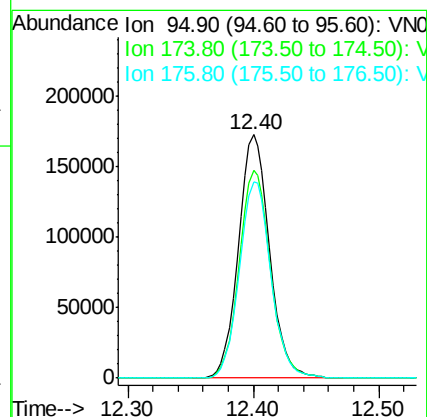
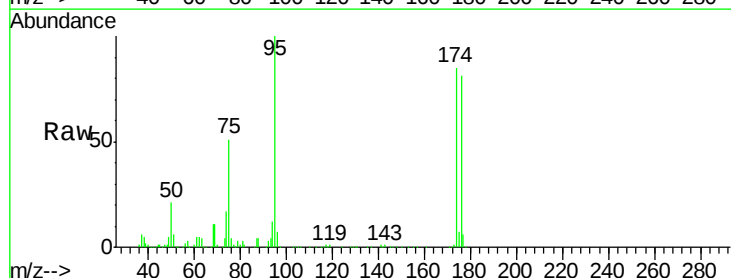
Tgt Ion: 95 Resp: 296473

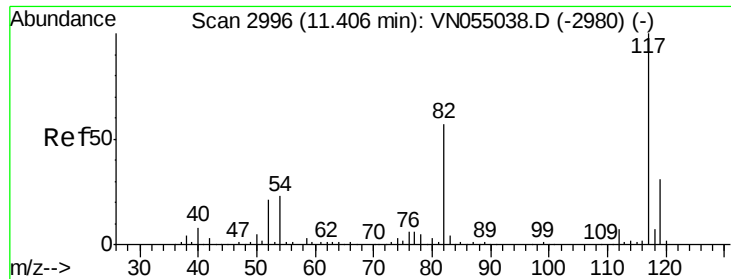
Ion Ratio Lower Upper

95 100

174 86.2 0.0 174.4

176 82.5 0.0 166.8

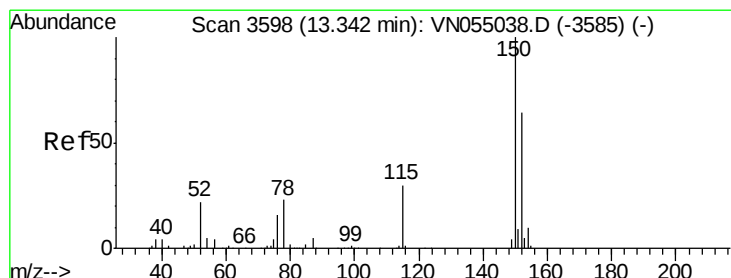
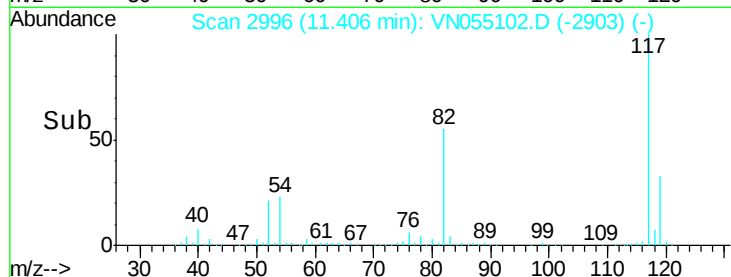
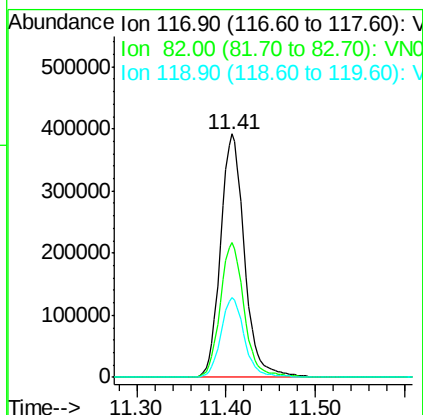
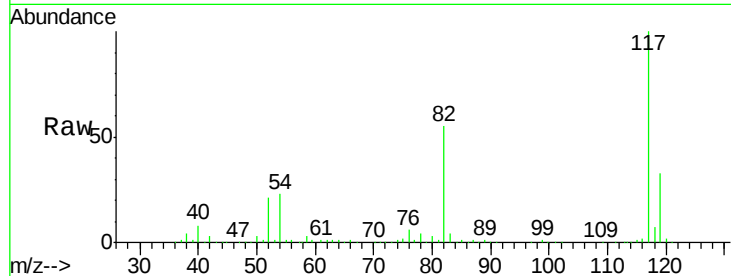




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055102.D
Acq: 17 Apr 2019 13:31

Instrument :
MSVOA_N
ClientSampled :
CL-01-041619-A

Tot Ion:117 Resp: 727701
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055102.D
Acq: 17 Apr 2019 13:31

Tgt Ion:152 Resp: 232858
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.6
150 158.4 0.0 347.2

