

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055098.D
 Acq On : 17 Apr 2019 11:45
 Operator : JC/SP
 Sample : K2197-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 18 08:31:35 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

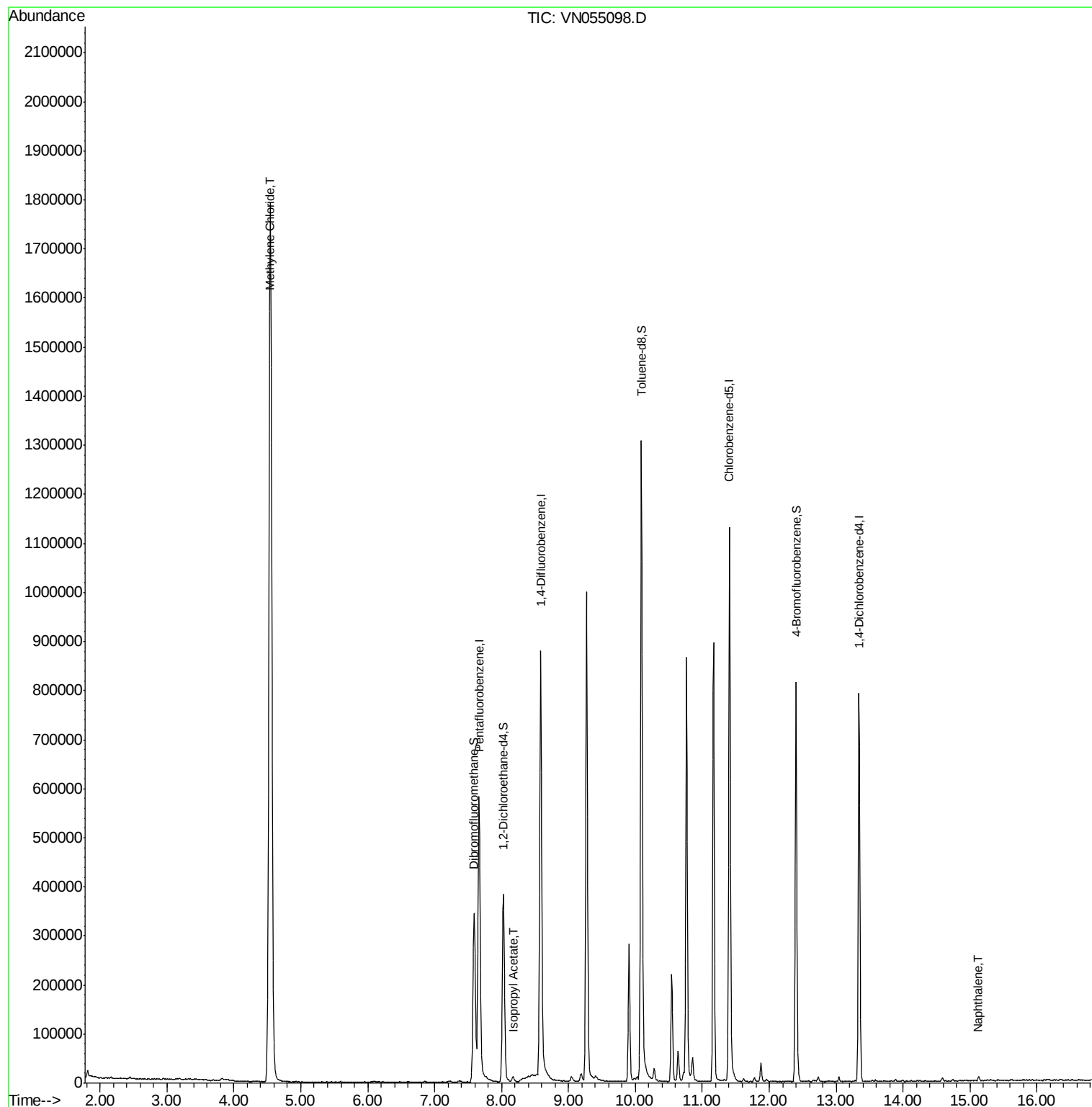
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	502245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	802921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	674514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	320983	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	7.59	113	260609	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	975364	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	280952	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
20) Methylene Chloride	4.54	84	1263228	198.315	ug/l	98
43) Isopropyl Acetate	8.18	43	13157	1.386	ug/l #	96
95) Naphthalene	15.13	128	7004	3.921	ug/l #	96

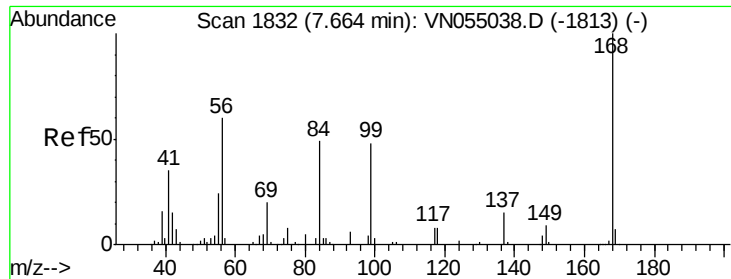
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055098.D

Acq: 17 Apr 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

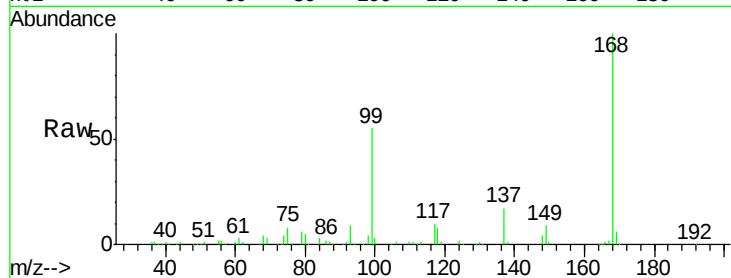
CL-01-041619-E

Tot Ion:168 Resp: 502245

Ion Ratio Lower Upper

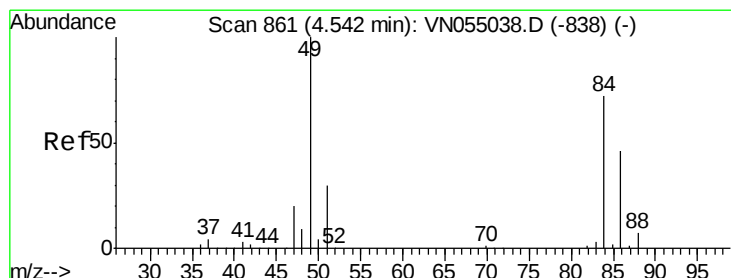
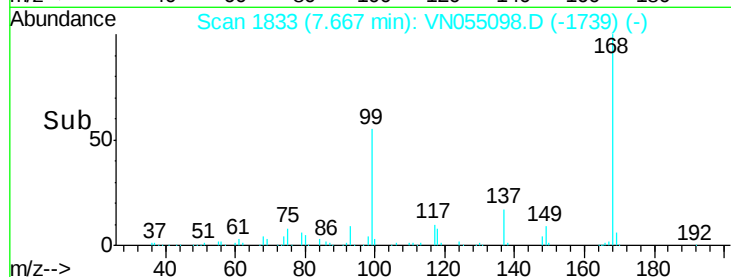
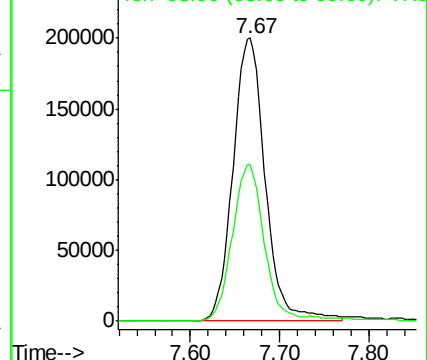
168 100

99 55.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 198.315 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055098.D

Acq: 17 Apr 2019 11:45

Tgt Ion: 84 Resp: 1263228

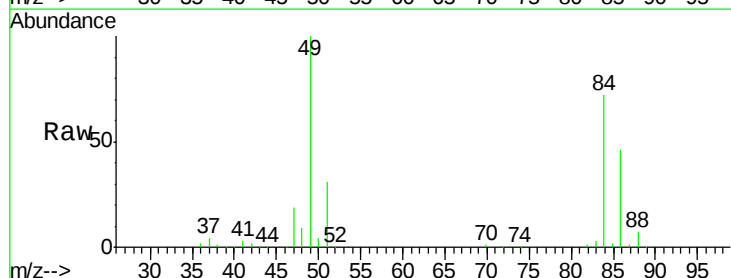
Ion Ratio Lower Upper

84 100

49 138.4 109.4 164.2

51 42.6 32.2 48.4

86 63.9 49.3 73.9

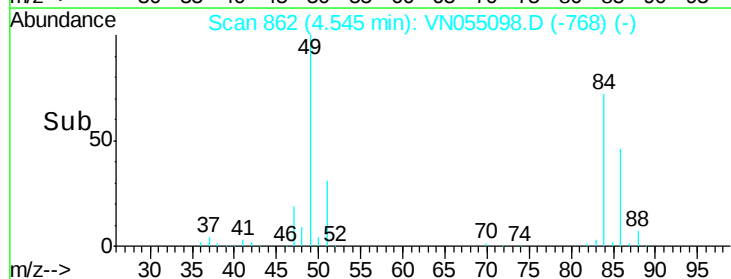
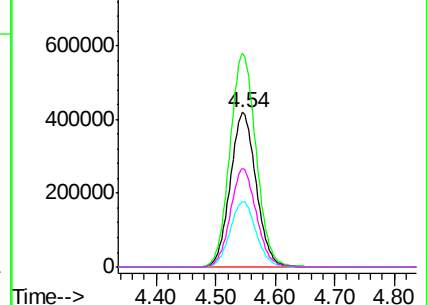


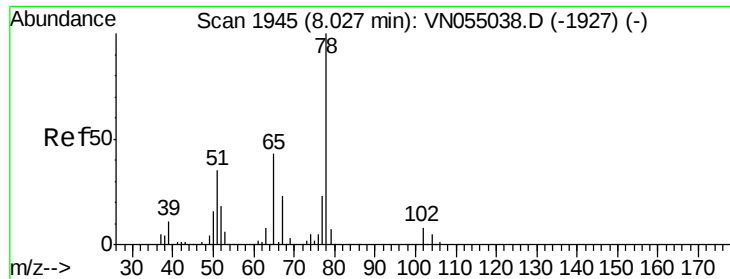
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

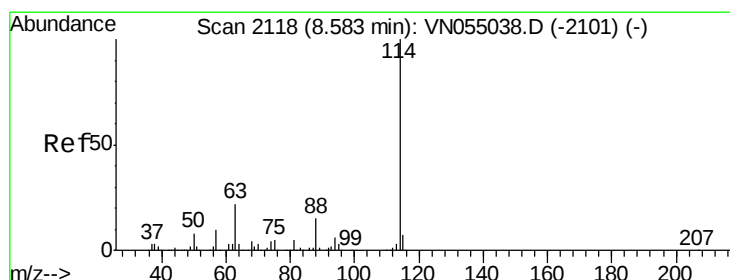
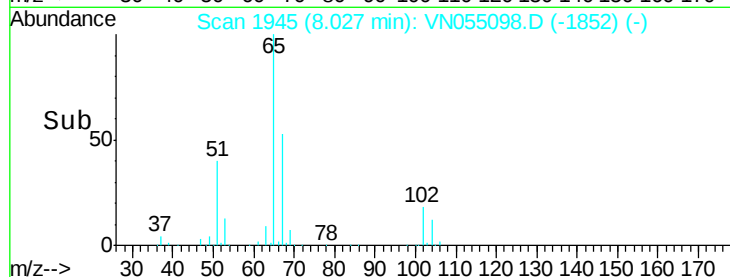
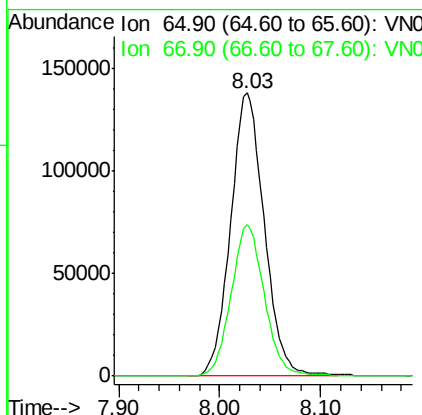
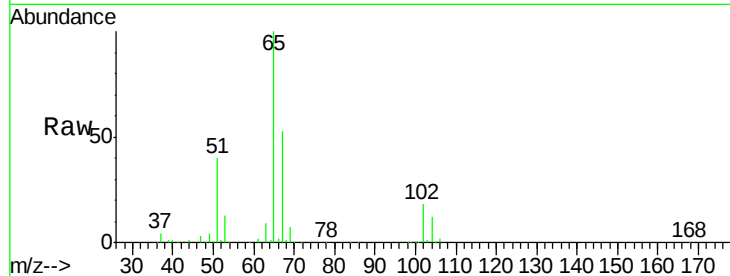




#33
 1,2-Dichloroethane-d4
 Concen: 48.080 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055098.D
 Acq: 17 Apr 2019 11:45

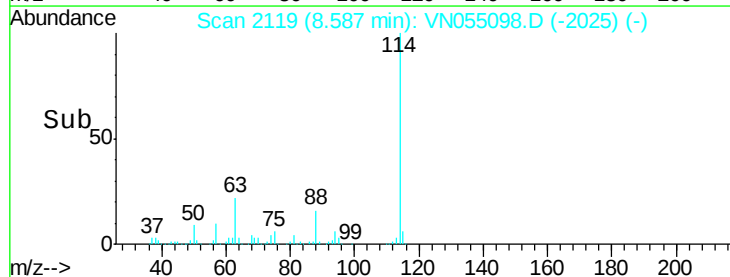
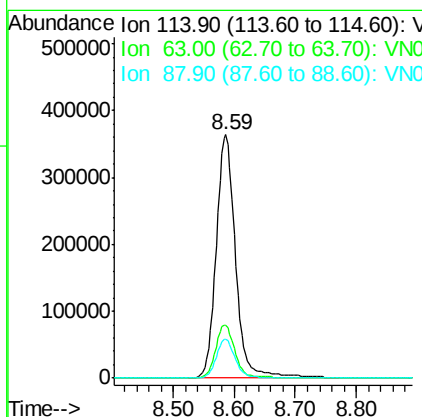
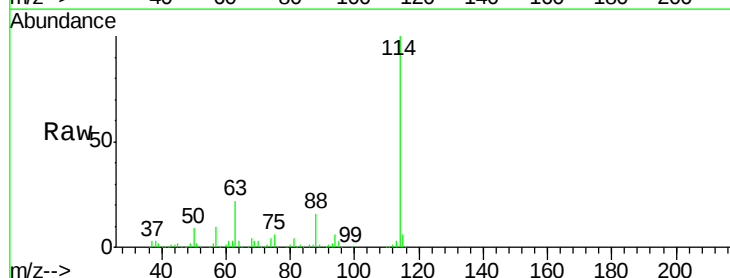
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-E

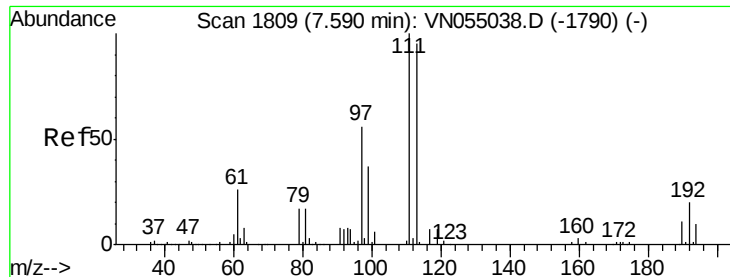
Tot Ion: 65 Resp: 320983
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055098.D
 Acq: 17 Apr 2019 11:45

Tgt Ion: 114 Resp: 802921
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.567 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055098.D

Acq: 17 Apr 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

CL-01-041619-E

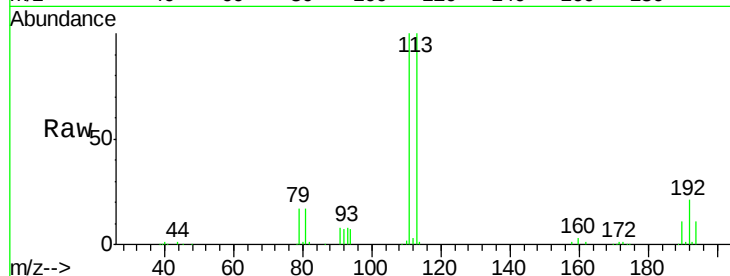
Tot Ion:113 Resp: 260609

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

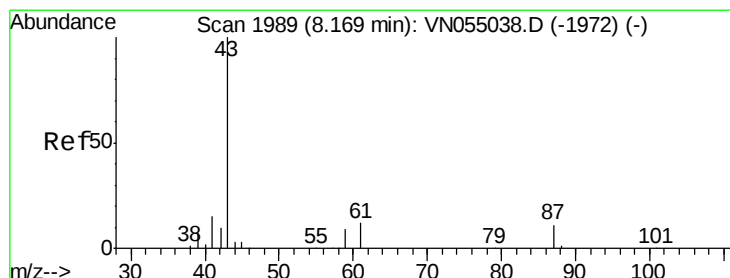
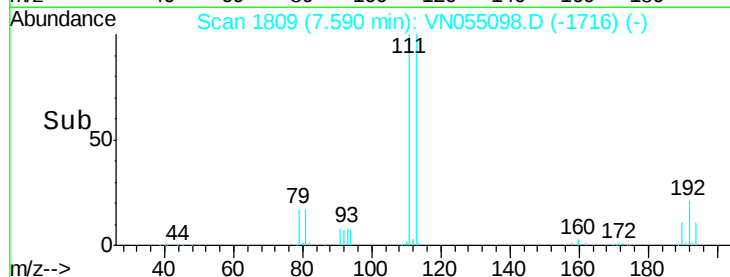
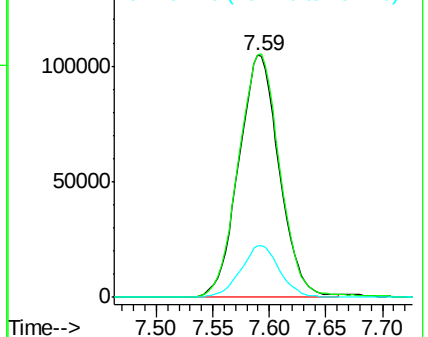
192 20.7 16.5 24.7



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: 1.386 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055098.D

Acq: 17 Apr 2019 11:45

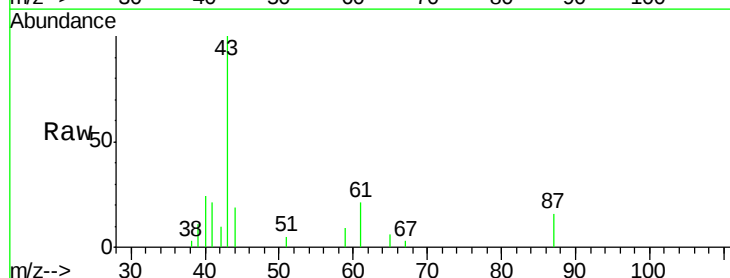
Tgt Ion: 43 Resp: 13157

Ion Ratio Lower Upper

43 100

61 17.4 14.3 21.5

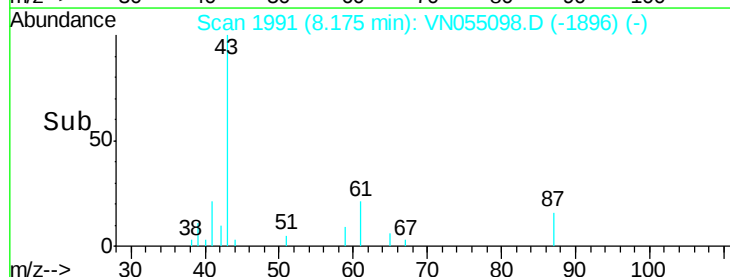
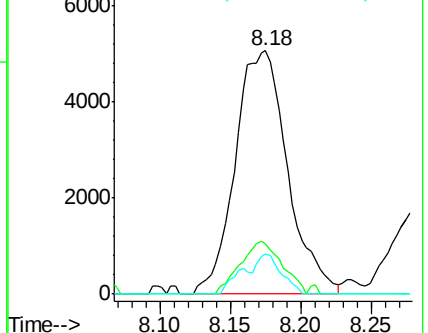
87 7.7 8.6 13.0#

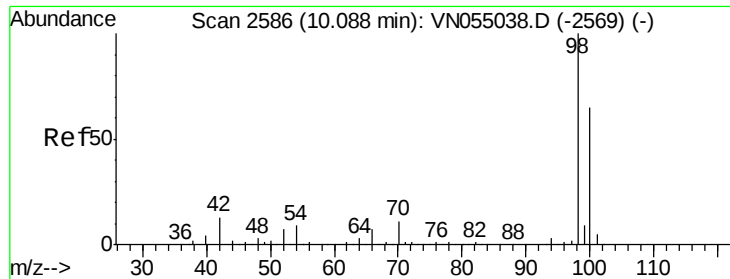


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.786 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055098.D

Acq: 17 Apr 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

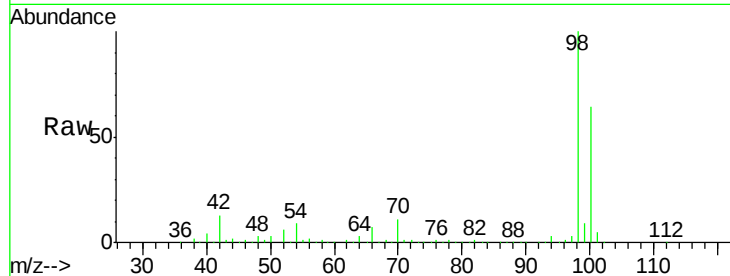
CL-01-041619-E

Tot Ion: 98 Resp: 975364

Ion Ratio Lower Upper

98 100

100 62.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

10.09

500000

400000

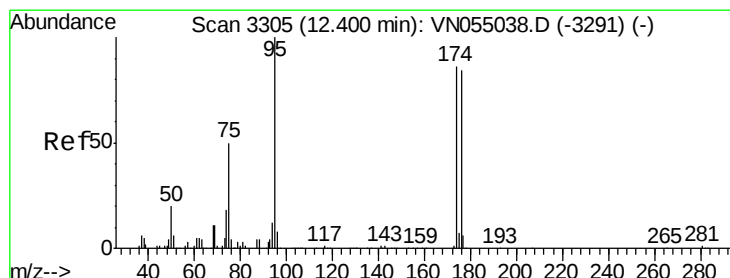
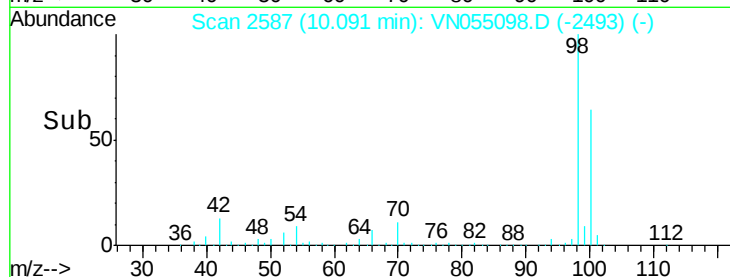
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.998 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055098.D

Acq: 17 Apr 2019 11:45

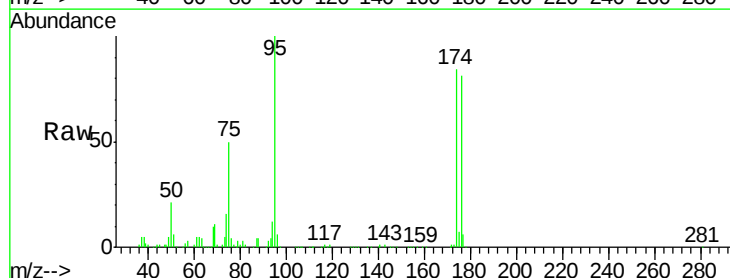
Tgt Ion: 95 Resp: 280952

Ion Ratio Lower Upper

95 100

174 84.9 0.0 174.4

176 81.4 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

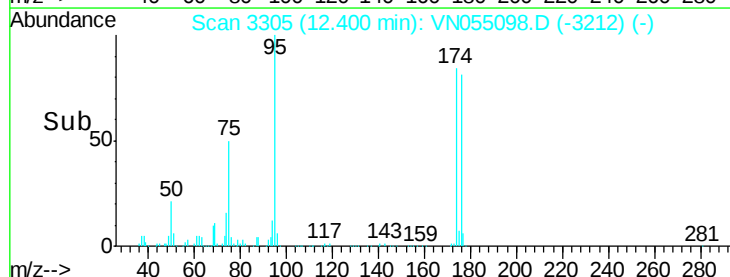
150000

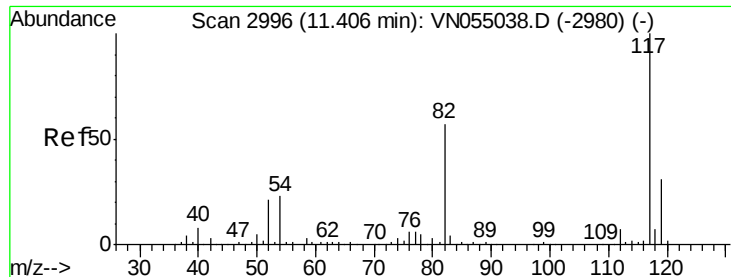
100000

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: VN055098.D

Acq: 17 Apr 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

CL-01-041619-E

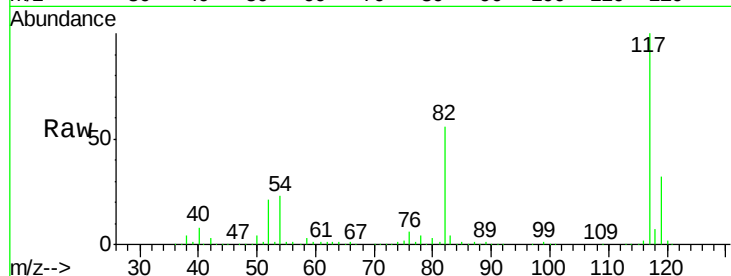
Tot Ion:117 Resp: 674514

Ion Ratio Lower Upper

117 100

82 56.0 44.6 66.8

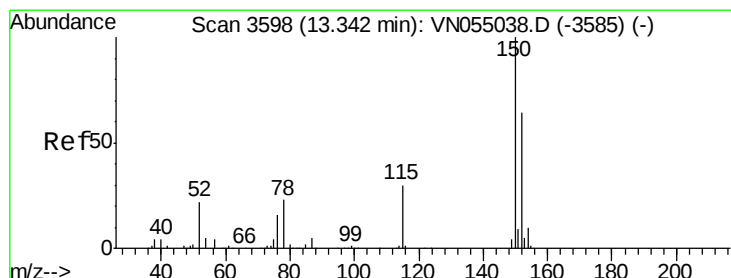
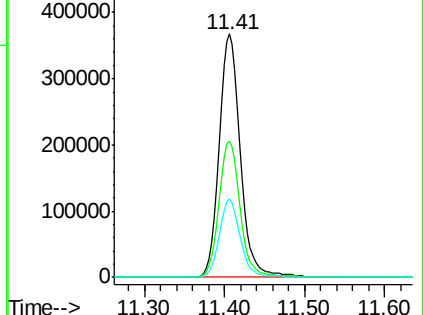
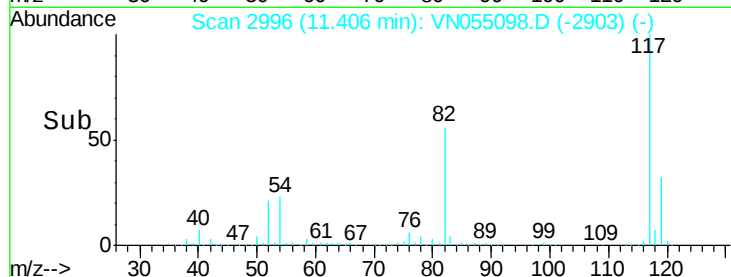
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN055098.D

Acq: 17 Apr 2019 11:45

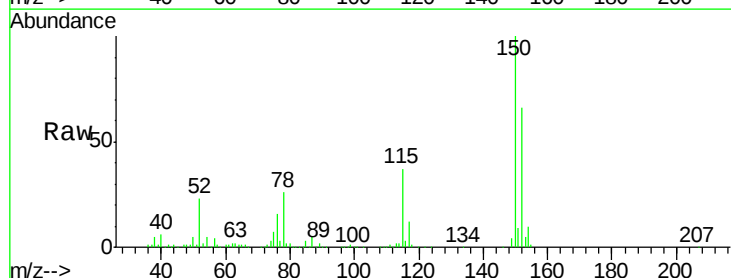
Tgt Ion:152 Resp: 217806

Ion Ratio Lower Upper

152 100

115 56.9 28.5 85.6

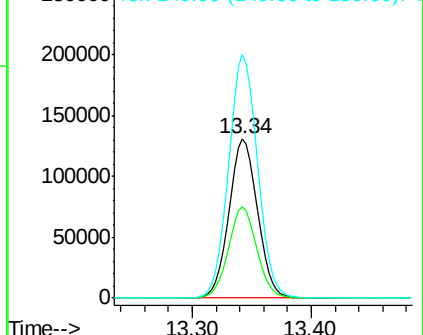
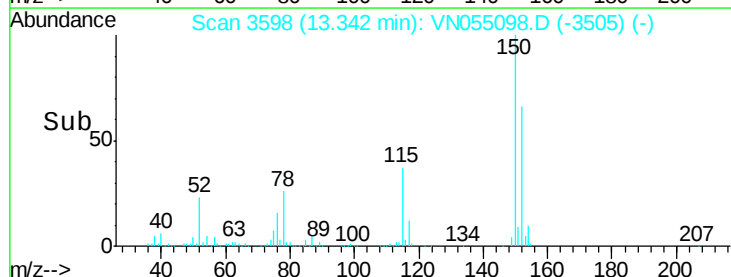
150 154.7 0.0 347.2

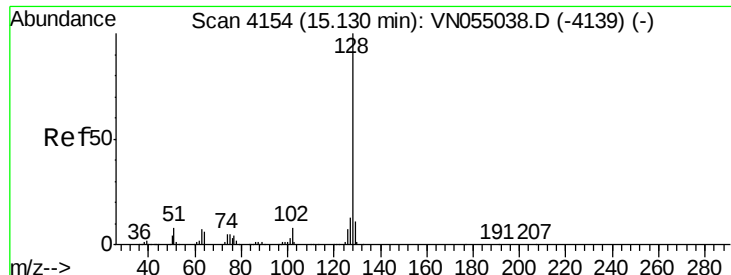


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

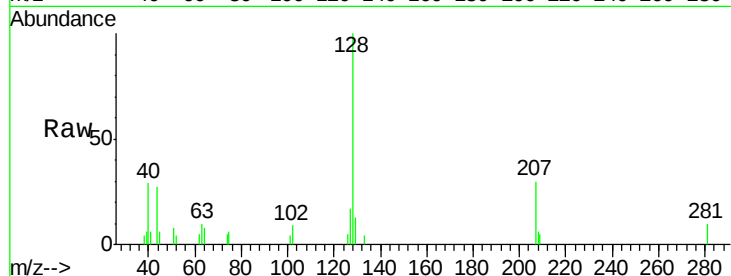




#95
Naphthalene
Concen: 3.921 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055098.D
Acq: 17 Apr 2019 11:45

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

Tot Ion:128 Resp: 7004
Ion Ratio Lower Upper
128 100
127 13.9 10.1 15.1
129 13.2 8.8 13.2#



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

