

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021919\
 Data File : VN053867.D
 Acq On : 19 Feb 2019 14:15
 Operator : JC/SP
 Sample : K1518-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 20 05:49:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

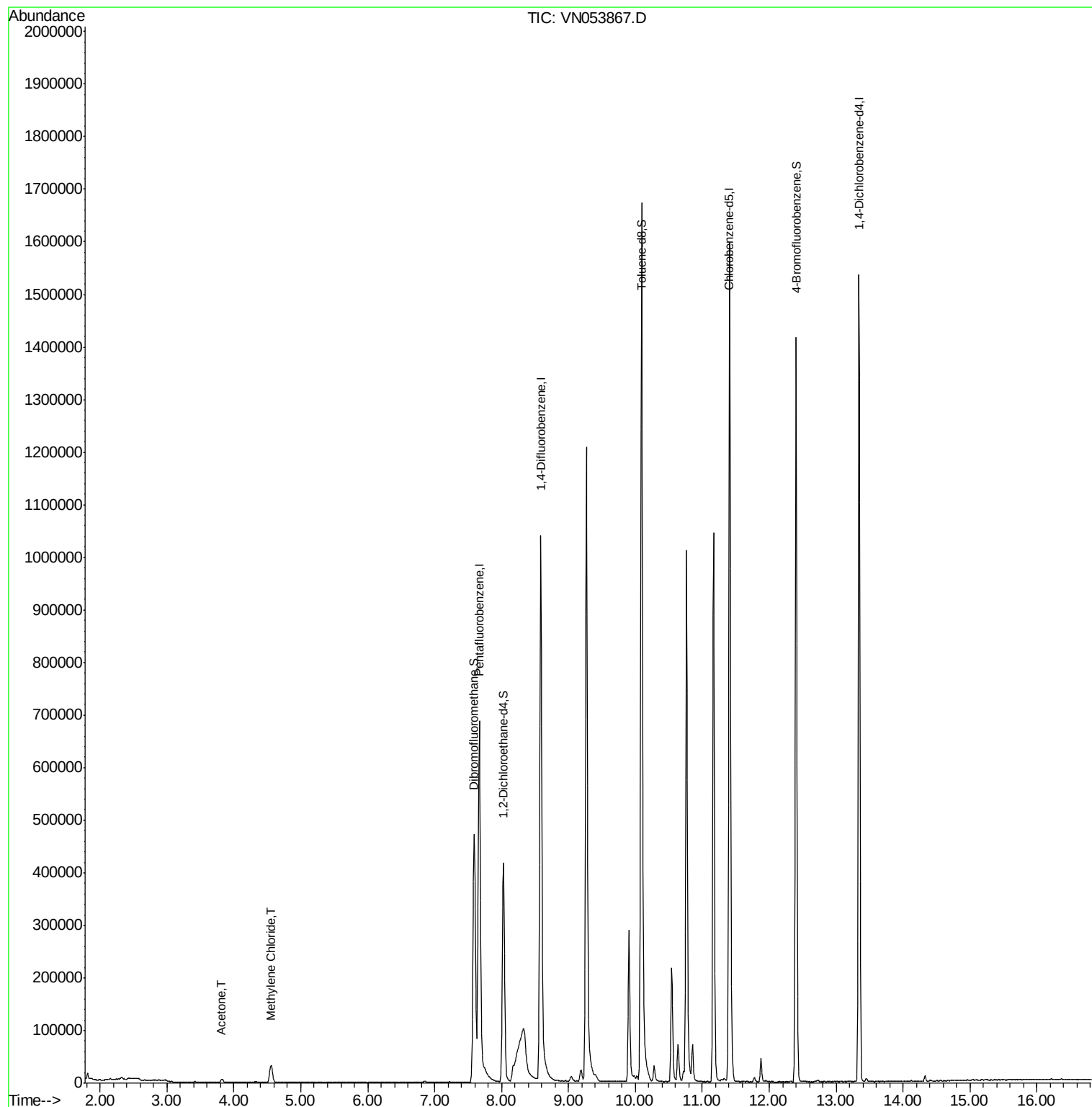
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	683847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1061120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	449246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357832	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	375387	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	10.09	98	1363668	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.40	95	492598	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
Target Compounds						
16) Acetone	3.82	43	11009	6.256	ug/l	98
20) Methylene Chloride	4.55	84	26579	3.600	ug/l	94

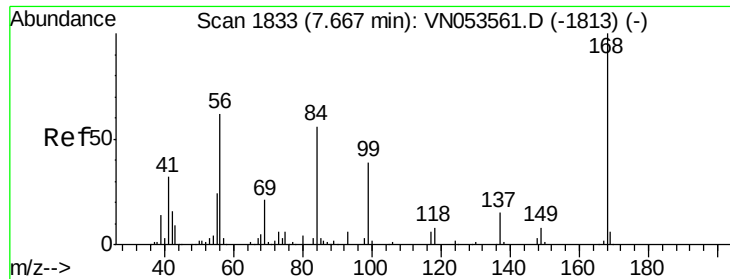
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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Acq: 19 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

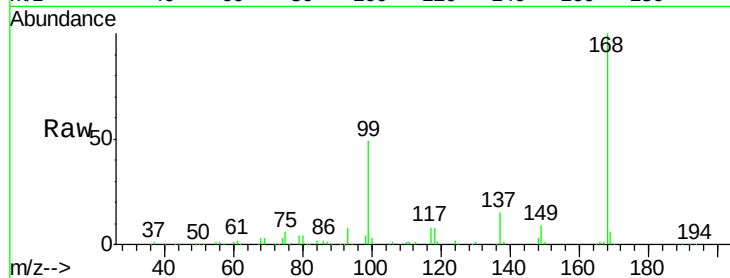
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion:168 Resp: 683847

Ion Ratio Lower Upper

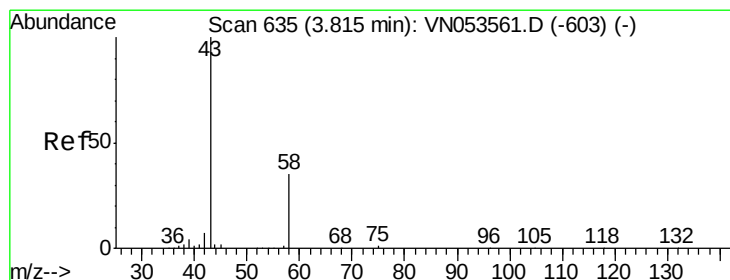
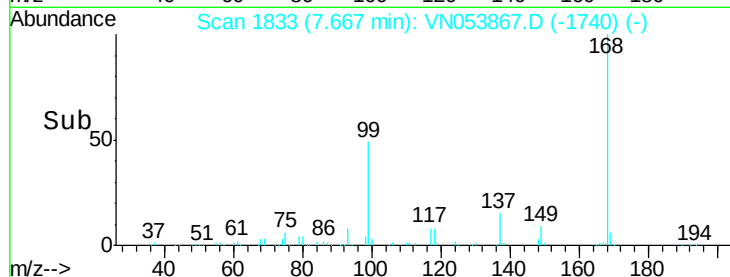
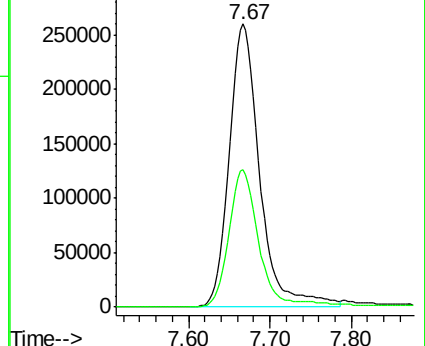
168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.256 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053867.D

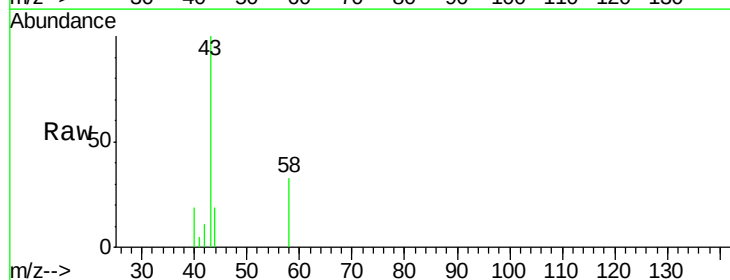
Acq: 19 Feb 2019 14:15

Tgt Ion: 43 Resp: 11009

Ion Ratio Lower Upper

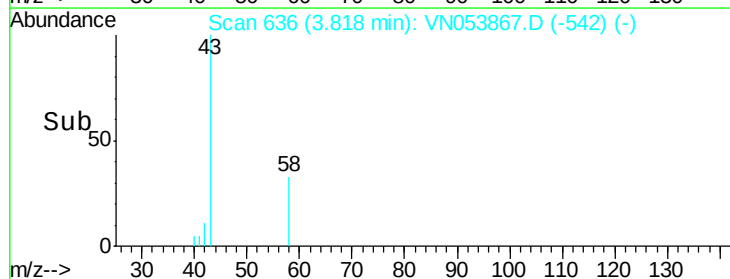
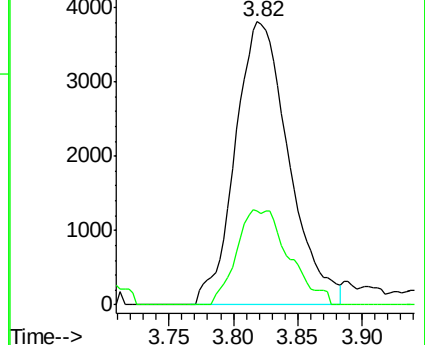
43 100

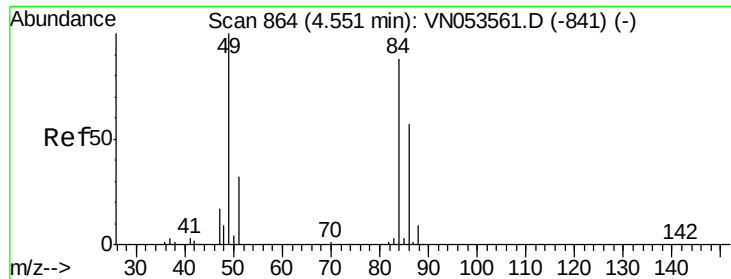
58 33.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

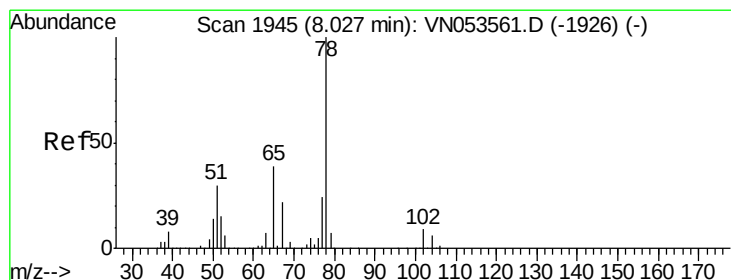
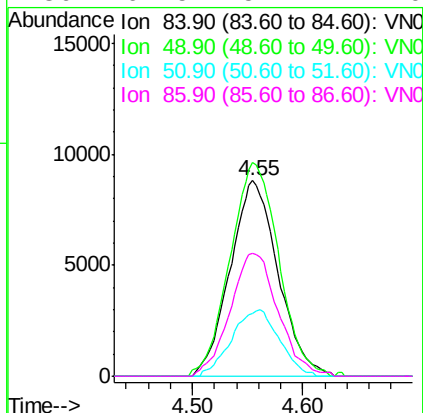
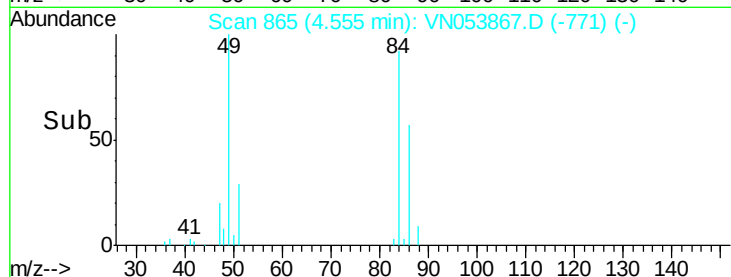
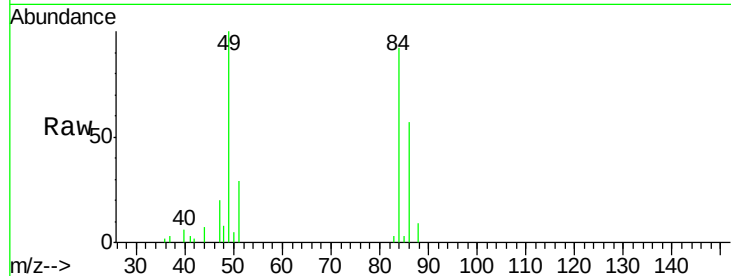




#20
Methylene Chloride
Concen: 3.600 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053867.D
Acq: 19 Feb 2019 14:15

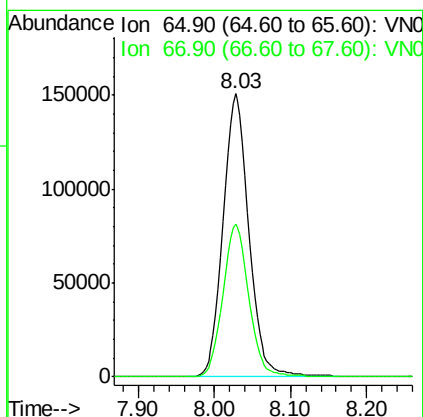
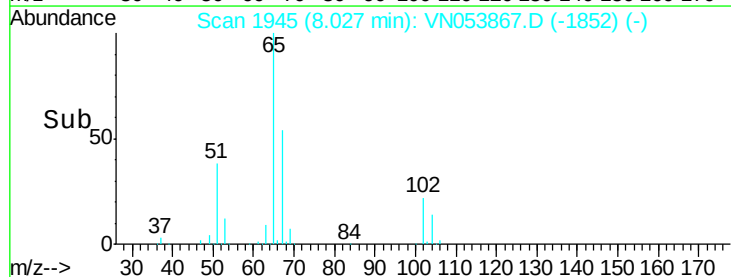
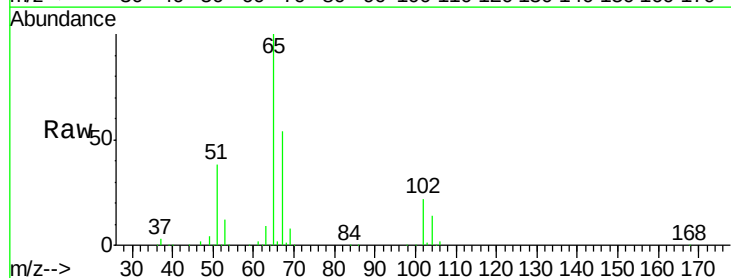
Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

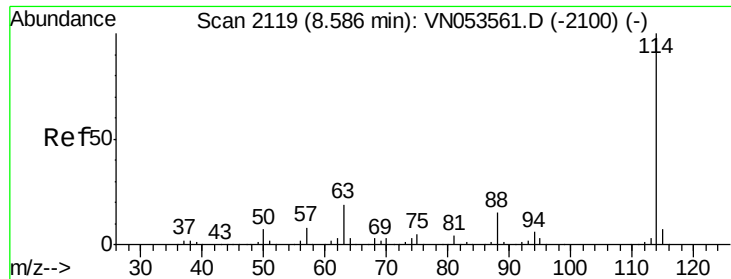
Tot Ion: 84 Resp: 26579
Ion Ratio Lower Upper
84 100
49 109.2 94.3 141.5
51 32.0 29.4 44.2
86 62.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.160 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053867.D
Acq: 19 Feb 2019 14:15

Tgt Ion: 65 Resp: 357832
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053867.D

Acq: 19 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

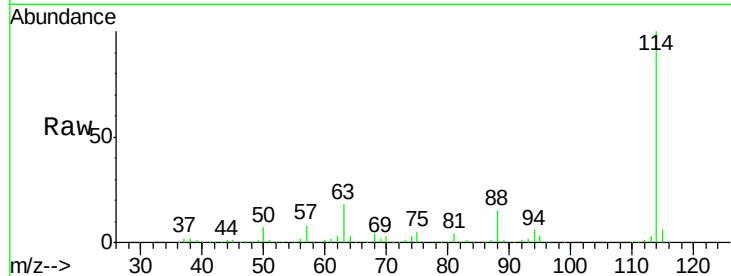
Tot Ion:114 Resp: 1100137

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.6

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.59

600000

500000

400000

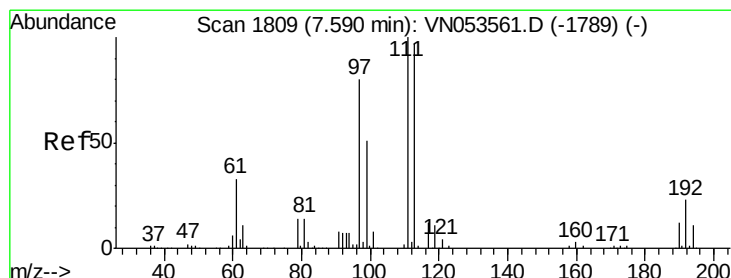
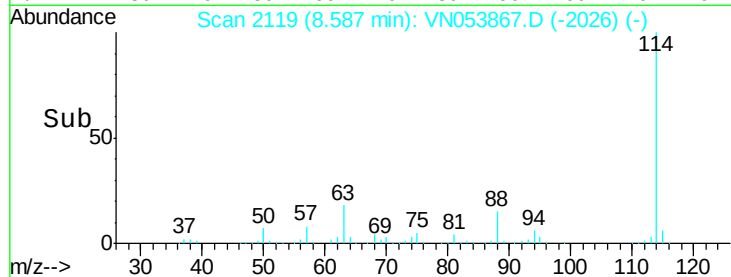
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 54.001 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053867.D

Acq: 19 Feb 2019 14:15

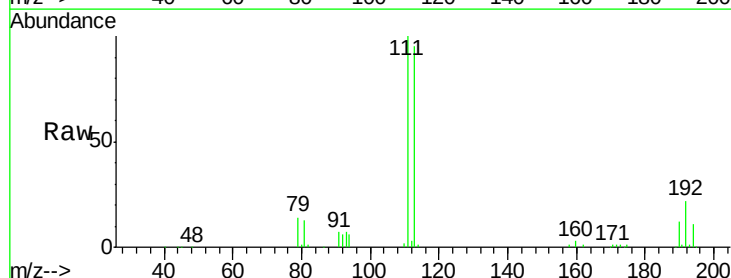
Tgt Ion:113 Resp: 375387

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

192 23.6 18.2 27.2



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

7.59

200000

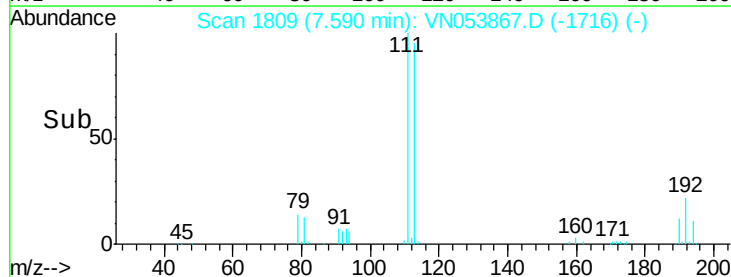
150000

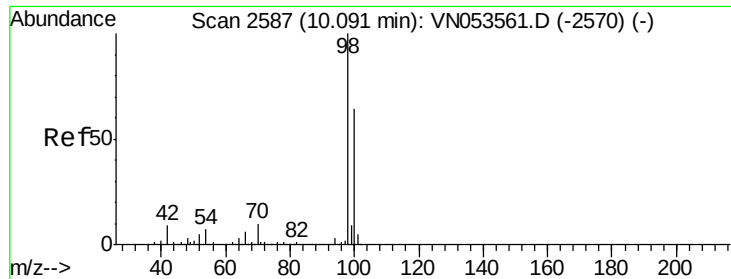
100000

50000

0

Time-->





#50

Toluene-d8

Concen: 52.245 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053867.D

Acq: 19 Feb 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

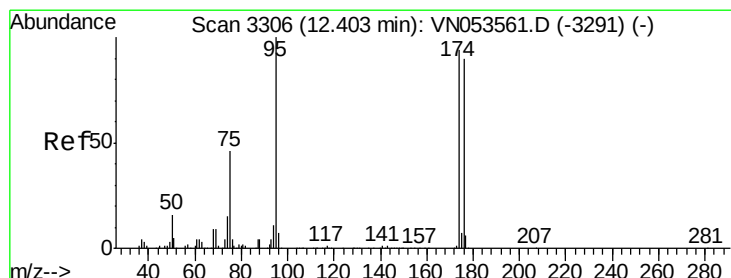
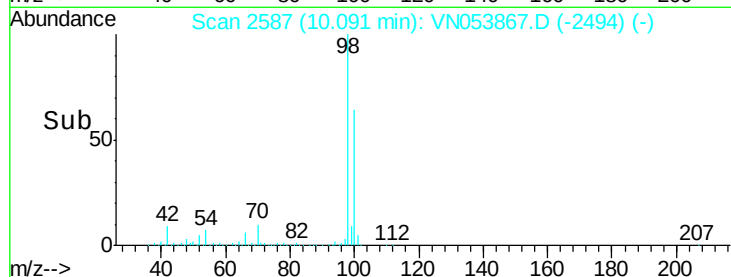
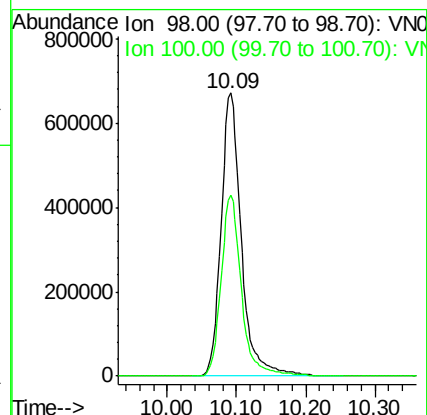
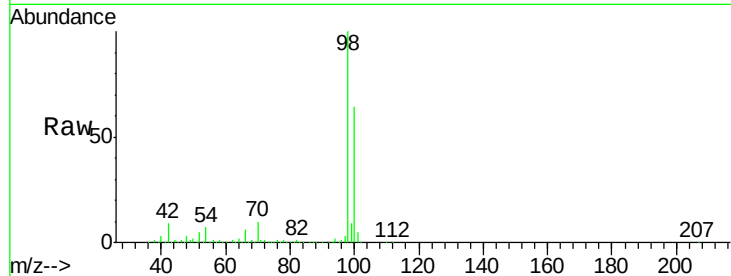
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion: 98 Resp: 1363668

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 56.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053867.D

Acq: 19 Feb 2019 14:15

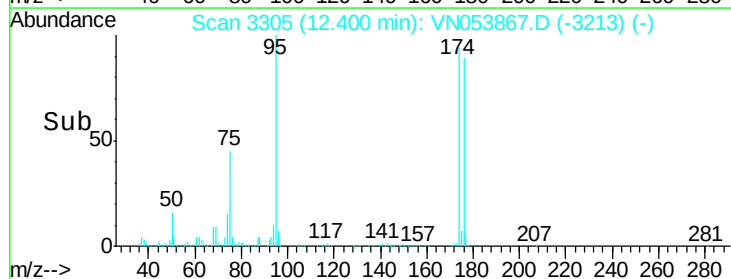
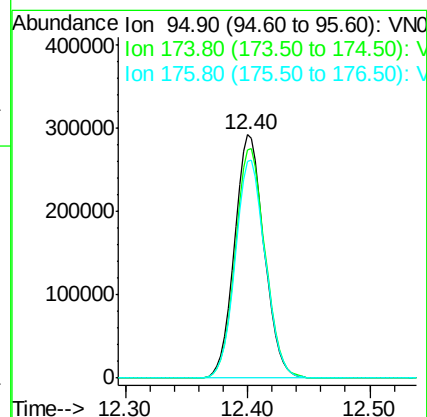
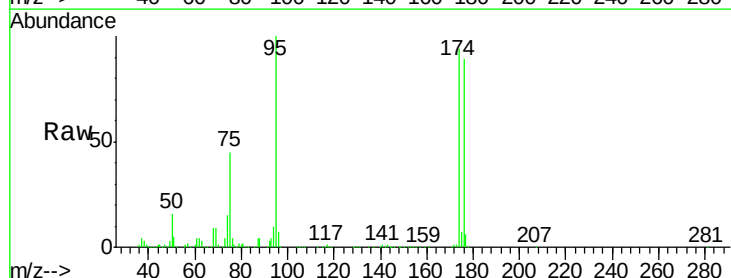
Tgt Ion: 95 Resp: 492598

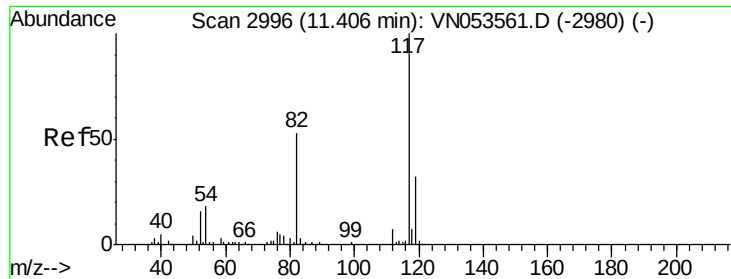
Ion Ratio Lower Upper

95 100

174 95.3 0.0 183.2

176 90.8 0.0 177.4

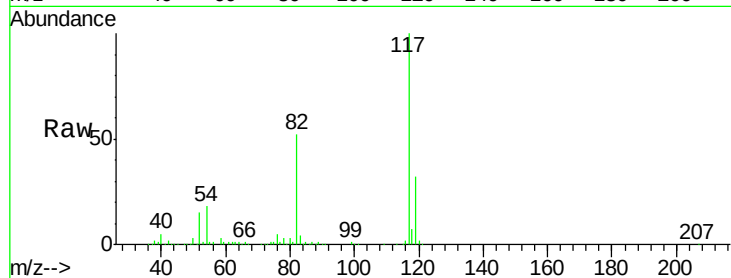




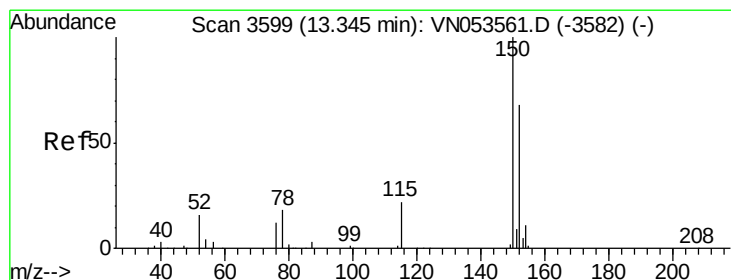
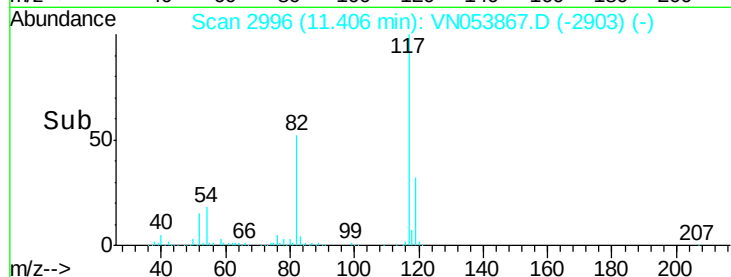
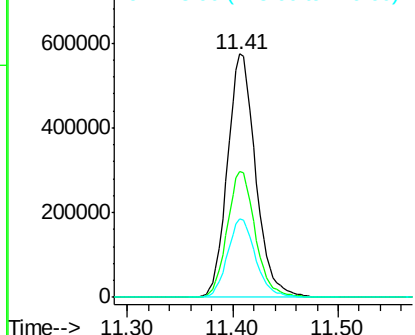
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053867.D
Acq: 19 Feb 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tot Ion:117 Resp: 1061120
Ion Ratio Lower Upper
117 100
82 51.9 42.9 64.3
119 32.4 26.0 39.0

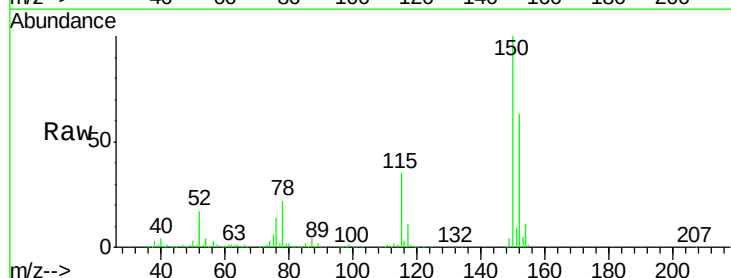


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053867.D
Acq: 19 Feb 2019 14:15

Tgt Ion:152 Resp: 449246
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.7 0.0 349.0



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

