

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058194.D
 Acq On : 19 Sep 2019 10:56
 Operator : JC/SP
 Sample : K4896-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-20190912

Quant Time: Sep 20 07:45:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

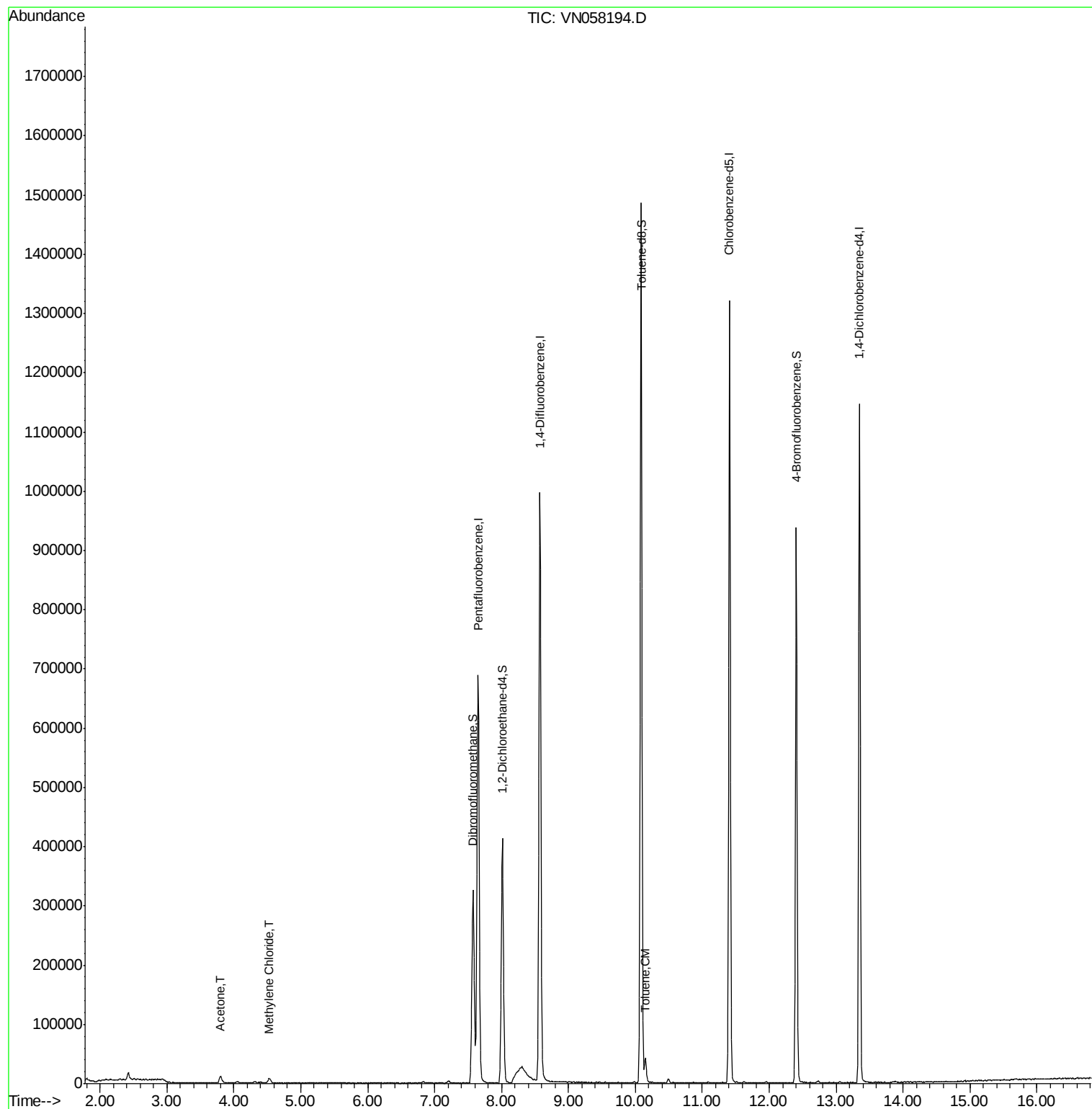
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	537364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	862172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	726664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357868	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	7.57	113	248496	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	10.09	98	1009970	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	316297	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
16) Acetone	3.80	43	20866	8.213	ug/l	94
20) Methylene Chloride	4.53	84	5748	1.075	ug/l	93
52) Toluene	10.15	92	15820	1.329	ug/l	97

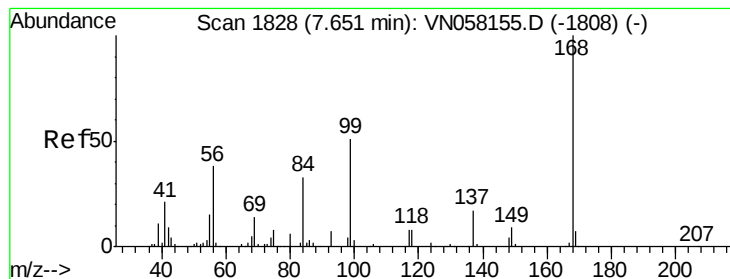
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

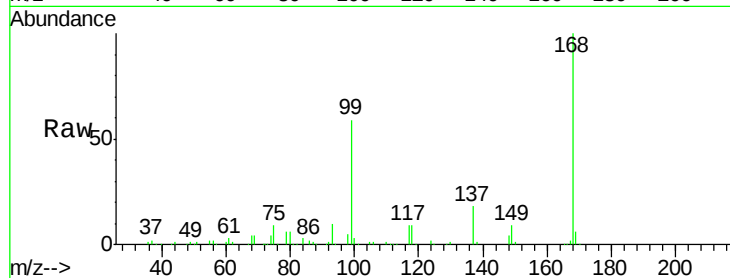
EB01-20190912

Tot Ion:168 Resp: 537364

Ion Ratio Lower Upper

168 100

99 58.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

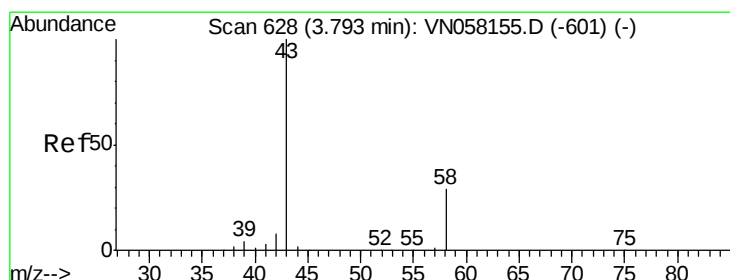
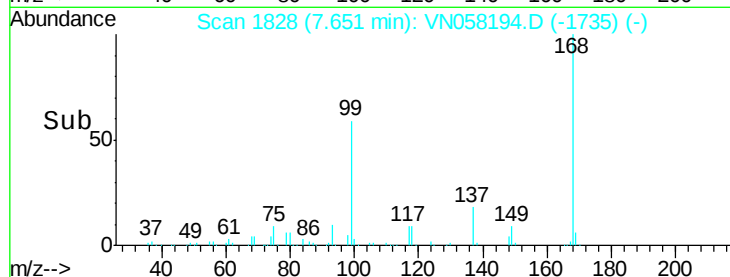
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.213 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058194.D

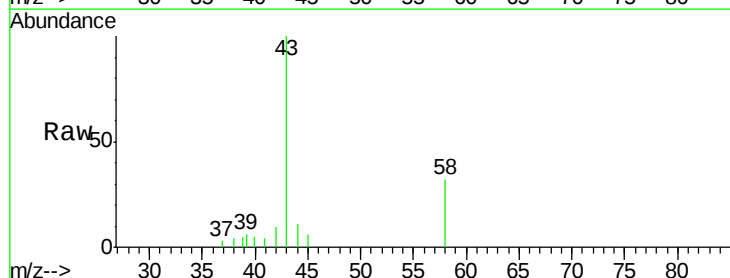
Acq: 19 Sep 2019 10:56

Tgt Ion: 43 Resp: 20866

Ion Ratio Lower Upper

43 100

58 32.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

8000

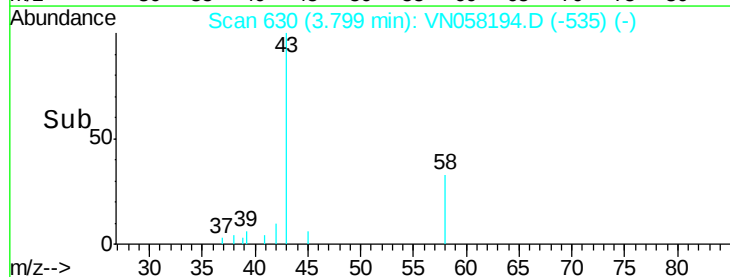
6000

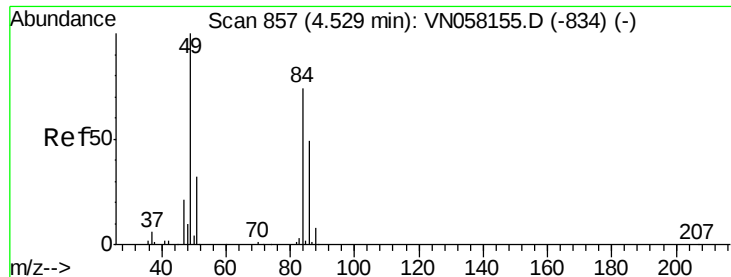
4000

2000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 1.075 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

EB01-20190912

Tot Ion: 84 Resp: 5748

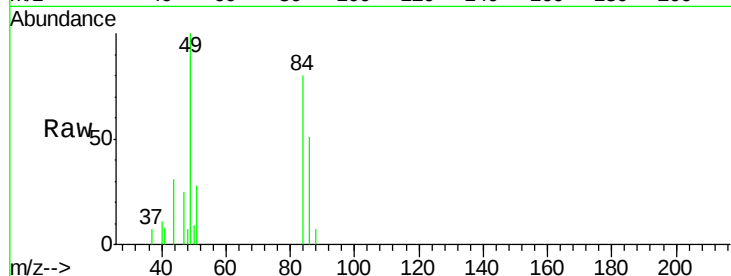
Ion Ratio Lower Upper

84 100

49 124.8 107.5 161.3

51 35.2 33.9 50.9

86 64.1 52.4 78.6

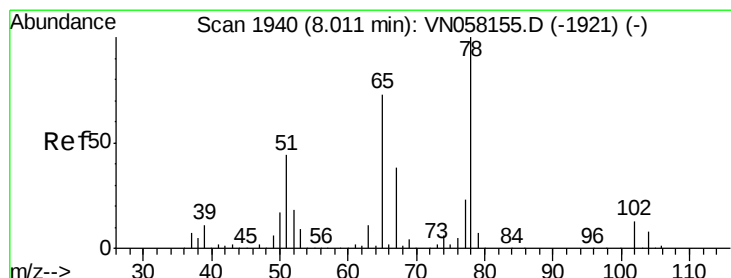
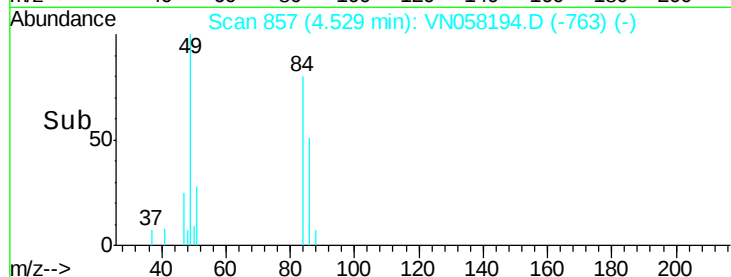
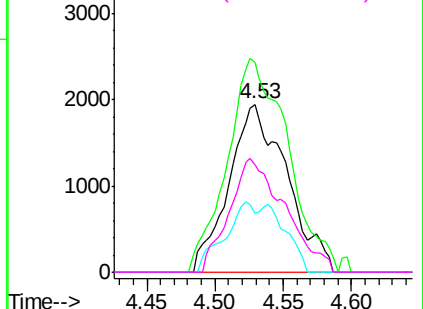


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.815 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058194.D

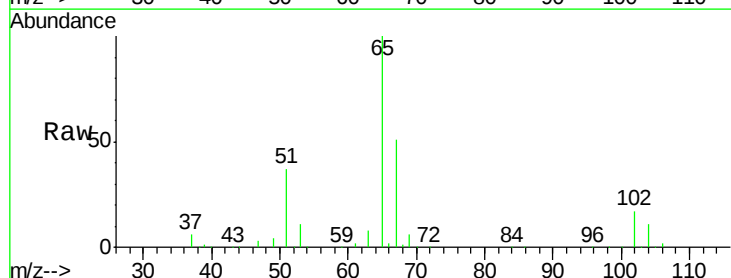
Acq: 19 Sep 2019 10:56

Tgt Ion: 65 Resp: 357868

Ion Ratio Lower Upper

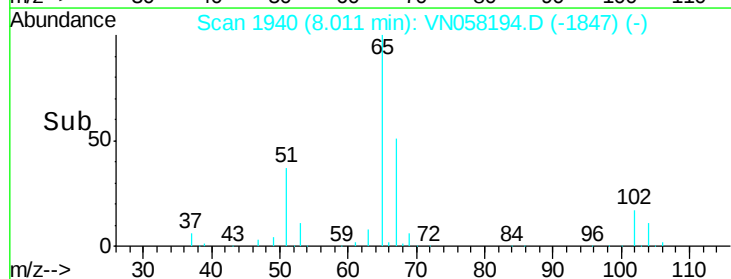
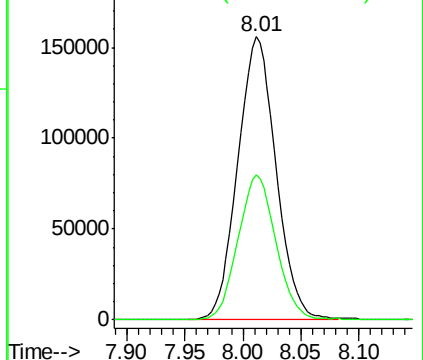
65 100

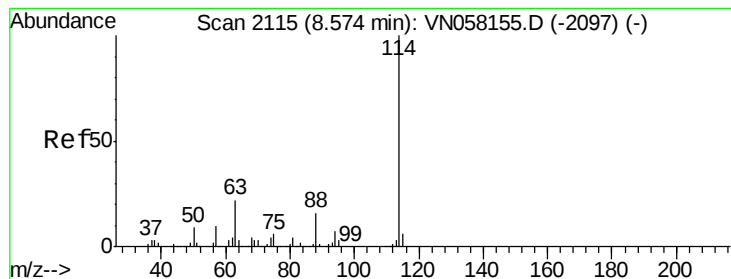
67 50.7 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

EB01-20190912

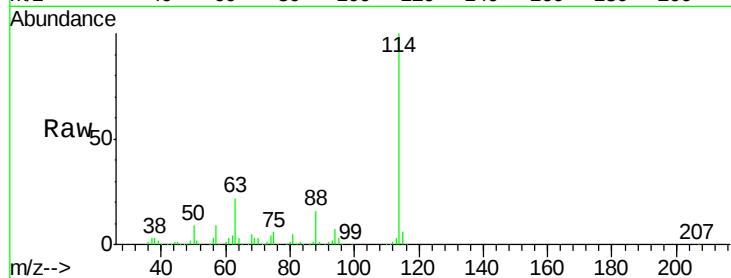
Tot Ion:114 Resp: 862172

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.2

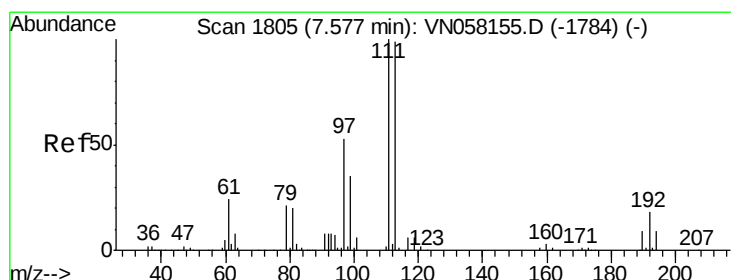
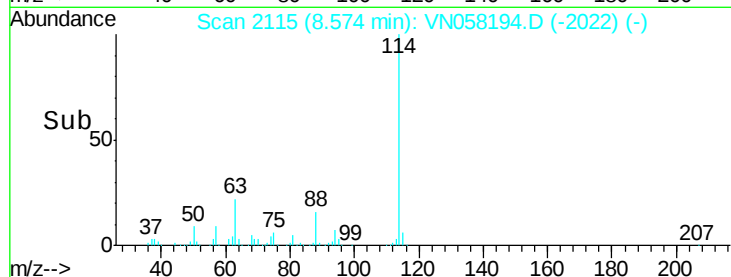
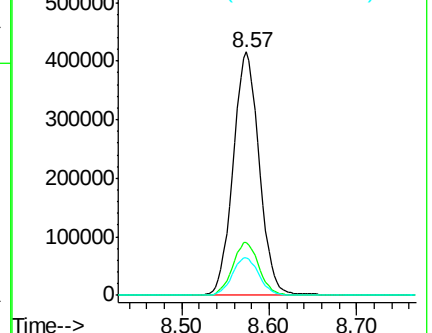
88 15.7 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 47.411 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

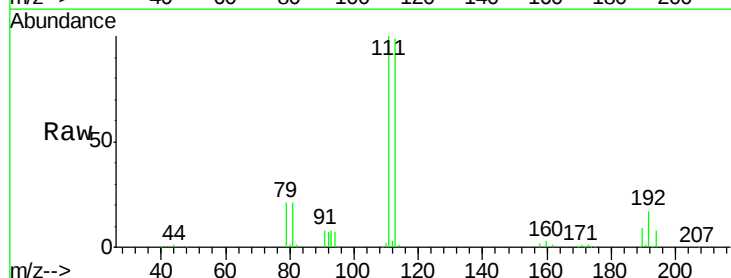
Tgt Ion:113 Resp: 248496

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

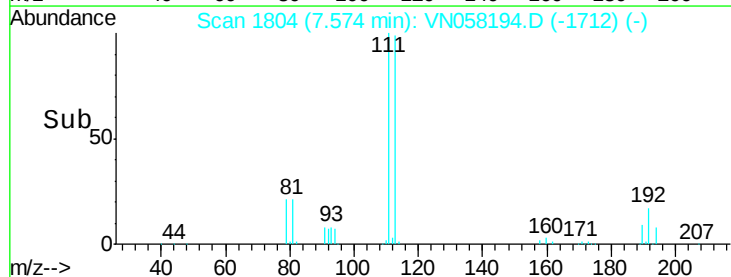
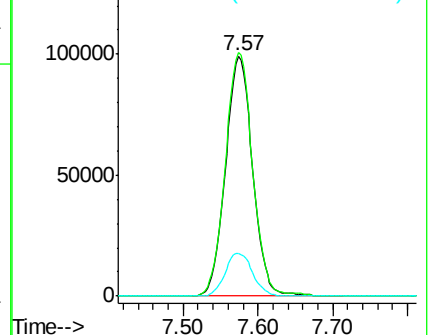
192 18.2 14.5 21.7

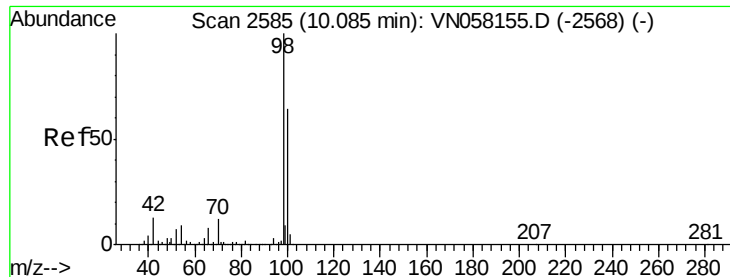


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.457 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

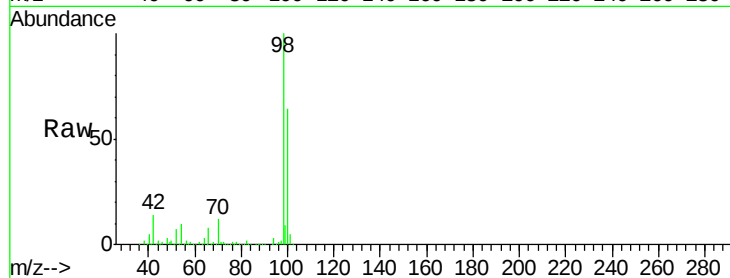
EB01-20190912

Tot Ion: 98 Resp: 1009970

Ion Ratio Lower Upper

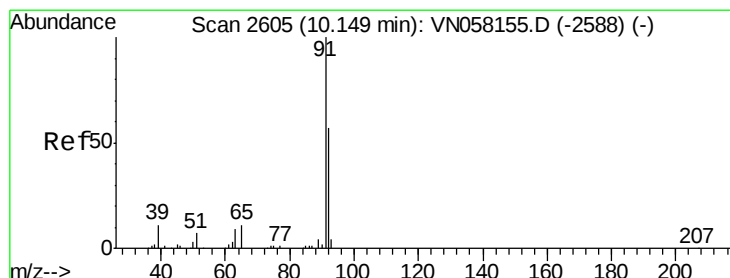
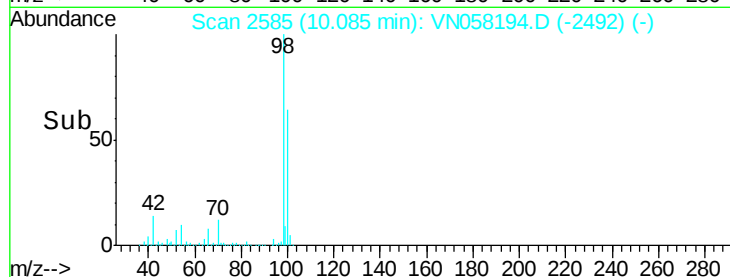
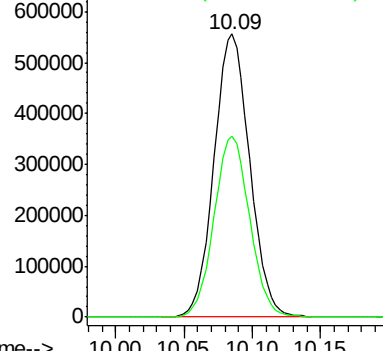
98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 1.329 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058194.D

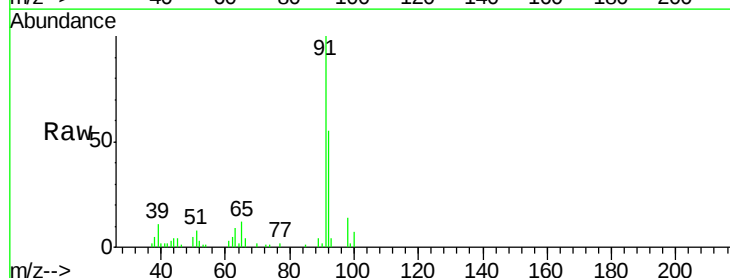
Acq: 19 Sep 2019 10:56

Tgt Ion: 92 Resp: 15820

Ion Ratio Lower Upper

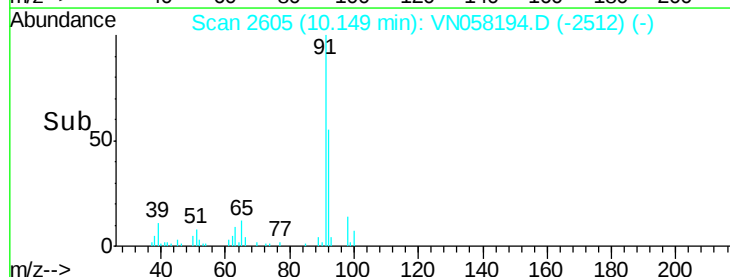
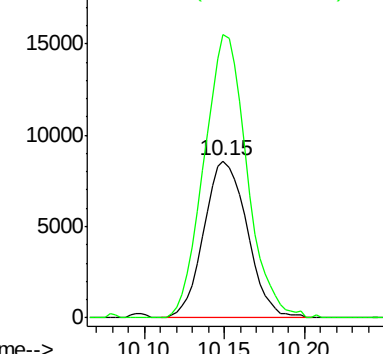
92 100

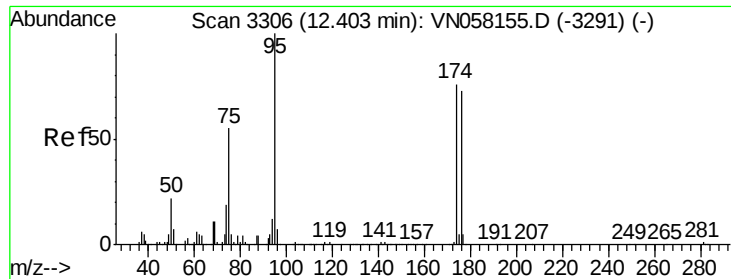
91 179.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.697 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

Instrument :

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ClientSampleId :

EB01-20190912

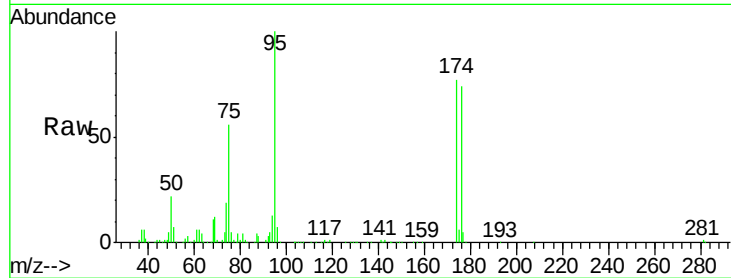
Tot Ion: 95 Resp: 316297

Ion Ratio Lower Upper

95 100

174 76.2 0.0 152.2

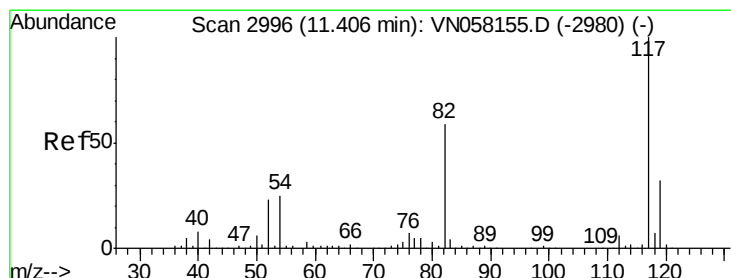
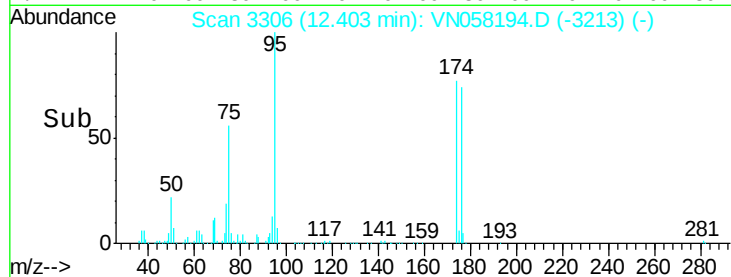
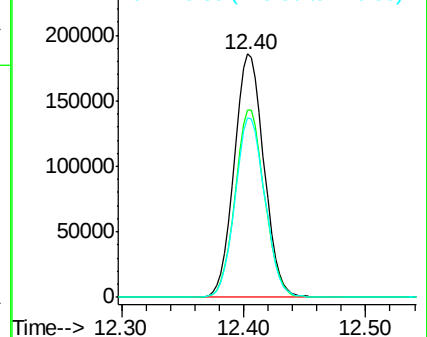
176 73.8 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058194.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058194.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058194.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

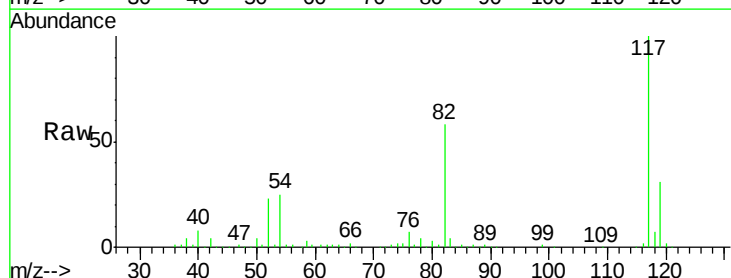
Tgt Ion: 117 Resp: 726664

Ion Ratio Lower Upper

117 100

82 57.6 46.9 70.3

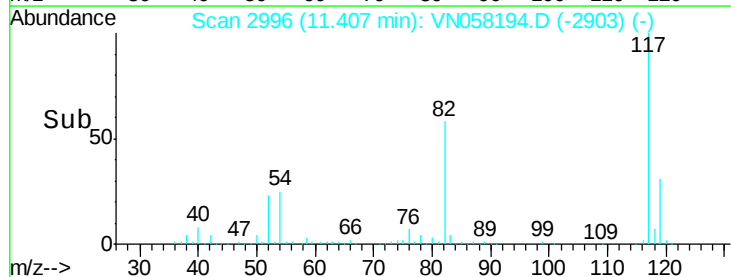
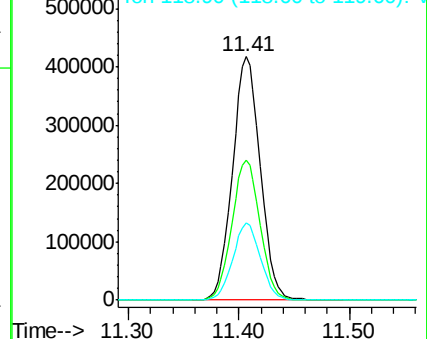
119 31.5 25.3 37.9

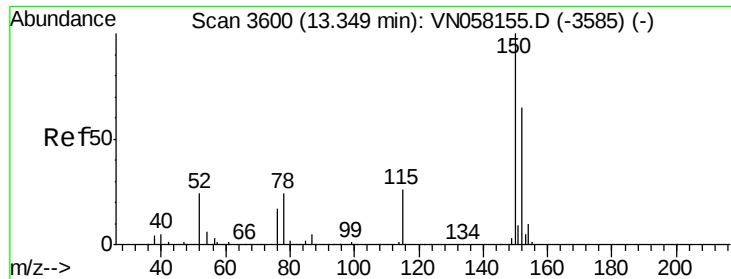


Abundance Ion 116.90 (116.60 to 117.60): VN058194.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058194.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058194.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058194.D

Acq: 19 Sep 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

EB01-20190912

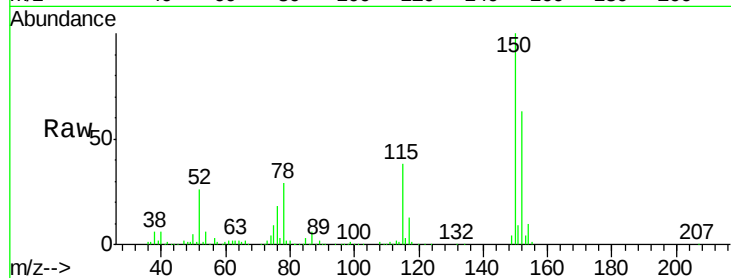
Tot Ion:152 Resp: 285670

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

150 158.5 0.0 346.4



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

