

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059222.D
 Acq On : 14 Nov 2019 10:57
 Operator : JC/SP
 Sample : K5822-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N35868

Quant Time: Nov 15 06:47:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

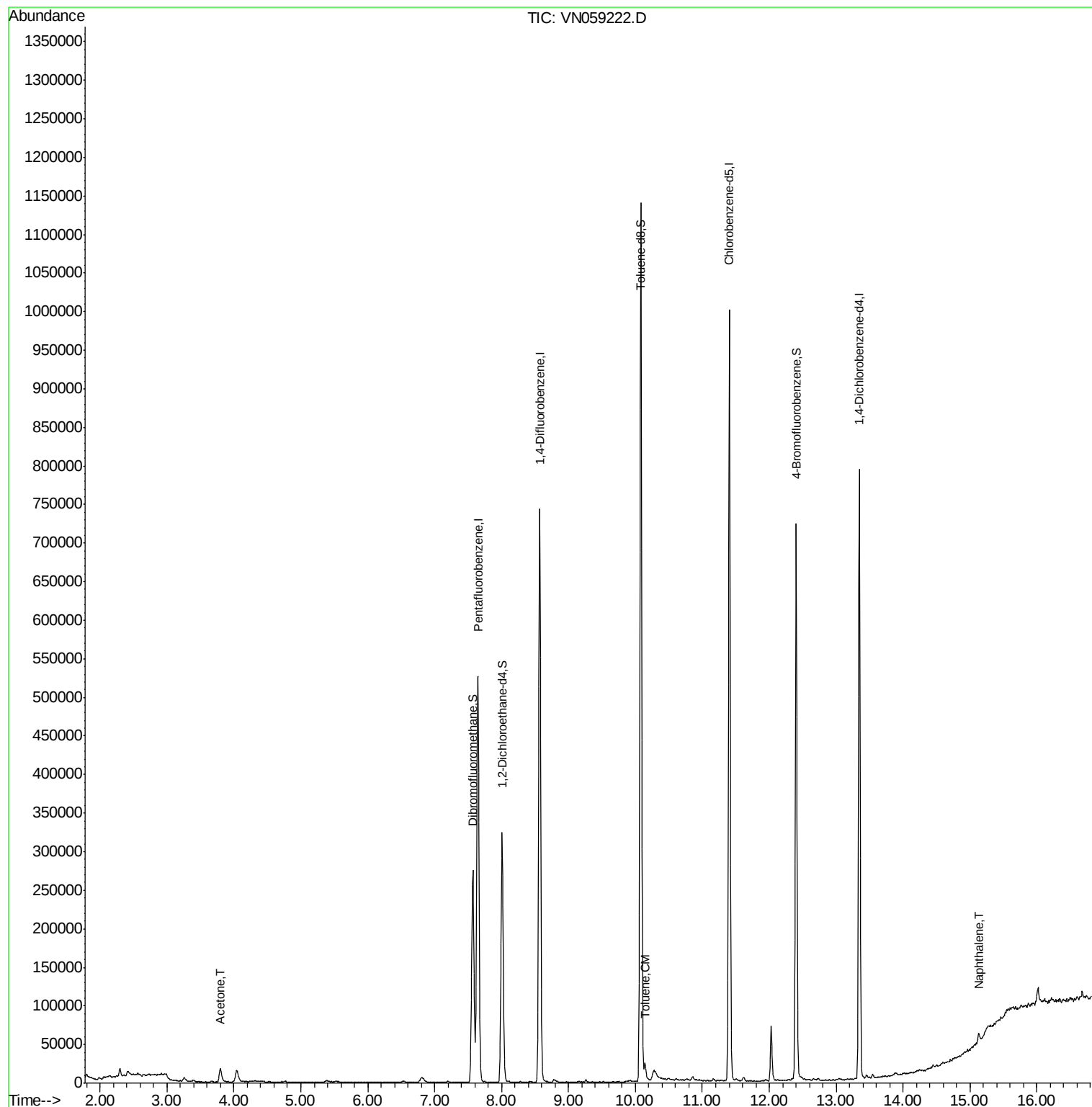
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	666464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	584252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	274521	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.57	113	212309	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.08	98	805826	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	255899	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
16) Acetone	3.80	43	28220	10.312	ug/l	96
52) Toluene	10.15	92	7901	0.703	ug/l	94
95) Naphthalene	15.13	128	8509	3.770	ug/l	98

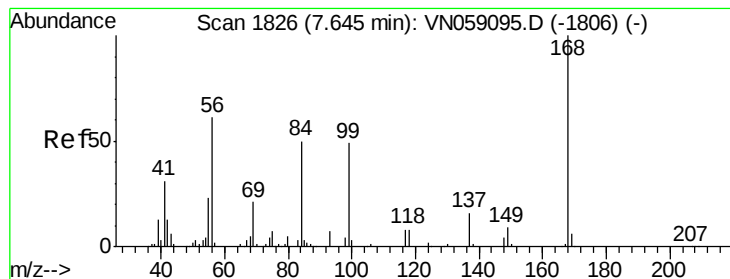
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

Instrument :

MSVOA_N

ClientSampled :

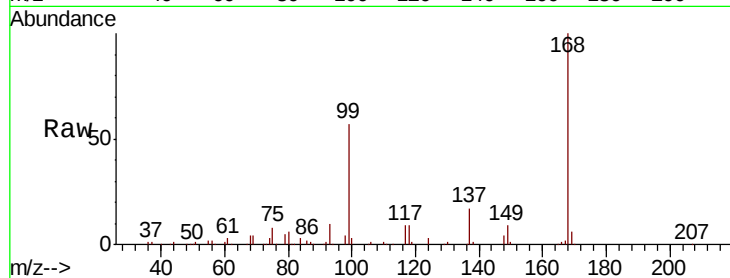
N35868

Tot Ion:168 Resp: 428125

Ion Ratio Lower Upper

168 100

99 56.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.65

200000

150000

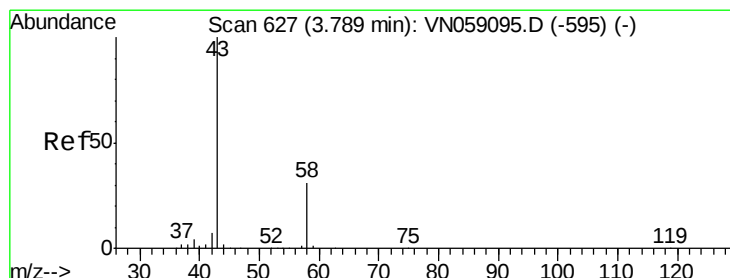
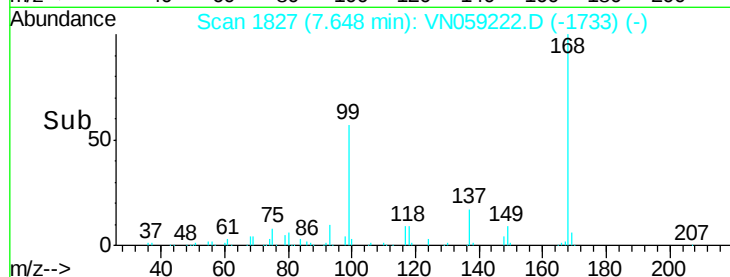
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.312 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059222.D

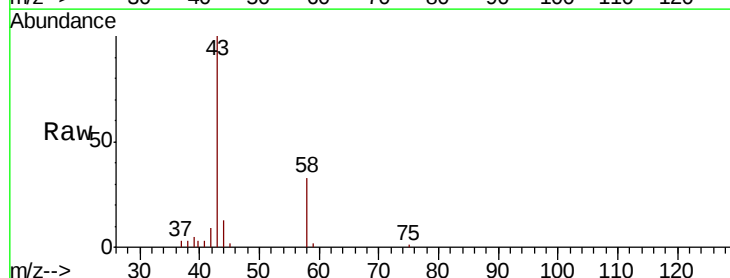
Acq: 14 Nov 2019 10:57

Tgt Ion: 43 Resp: 28220

Ion Ratio Lower Upper

43 100

58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)

3.80

12000

10000

8000

6000

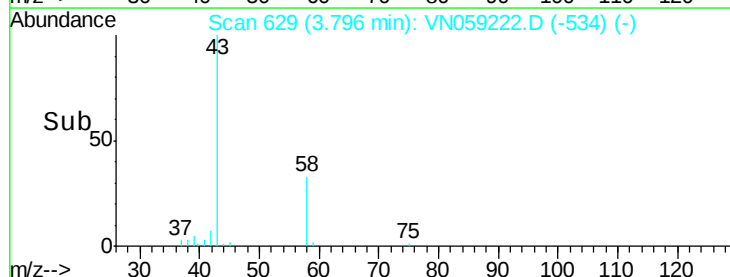
4000

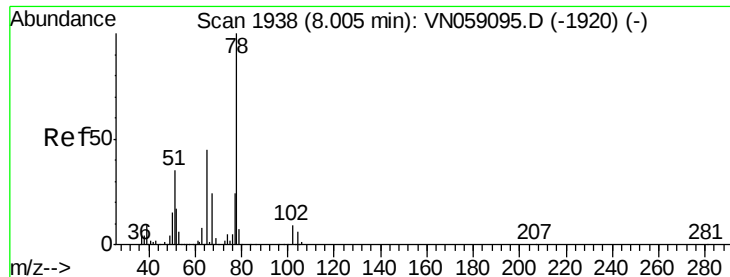
2000

0

3.70 3.80 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.163 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

Instrument :

MSVOA_N

ClientSampled :

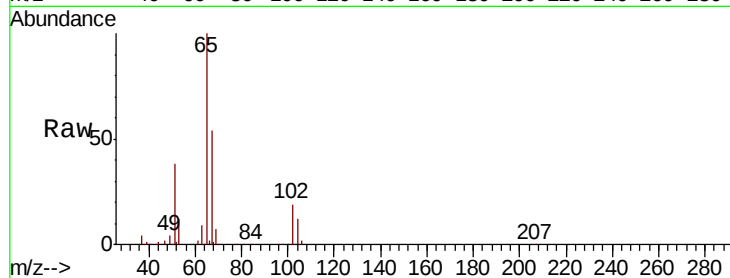
N35868

Tot Ion: 65 Resp: 274521

Ion Ratio Lower Upper

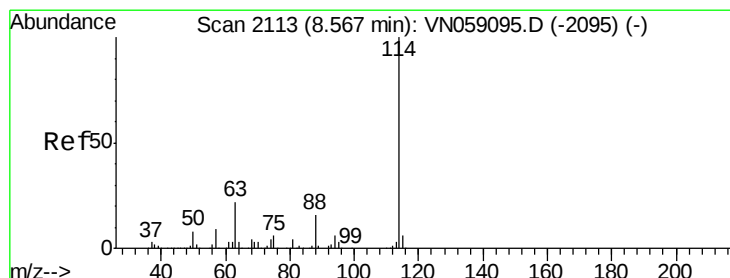
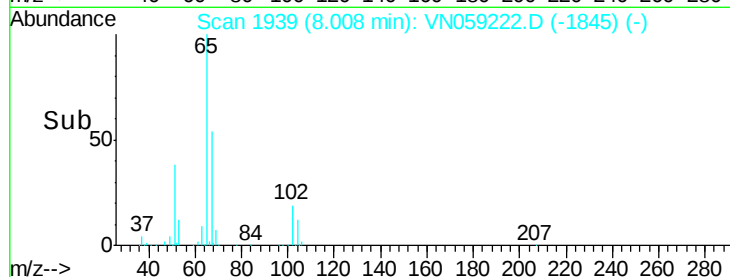
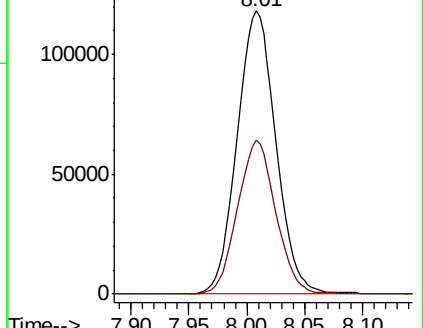
65 100

67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059222.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059222.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

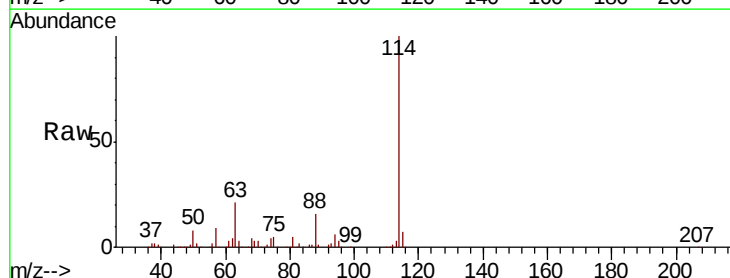
Tgt Ion: 114 Resp: 666464

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

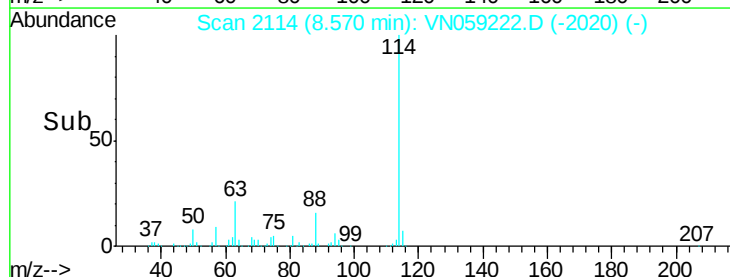
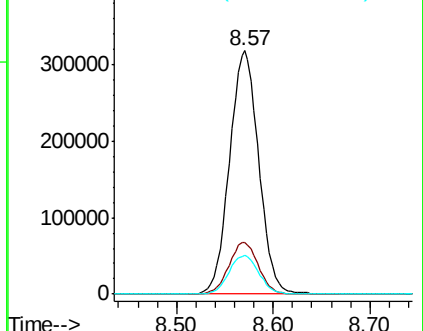
88 15.8 0.0 32.2

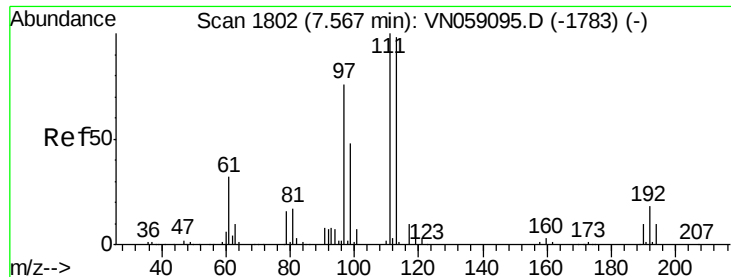


Abundance Ion 113.90 (113.60 to 114.60): VN059222.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059222.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059222.D (-2020) (-)

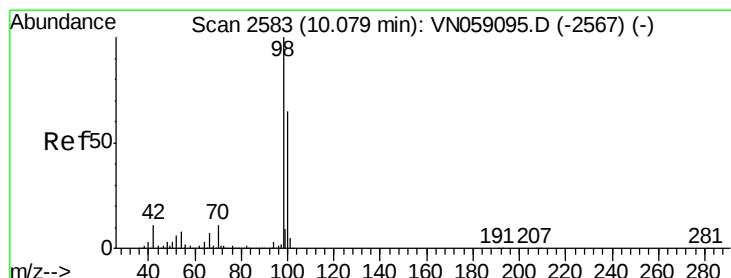
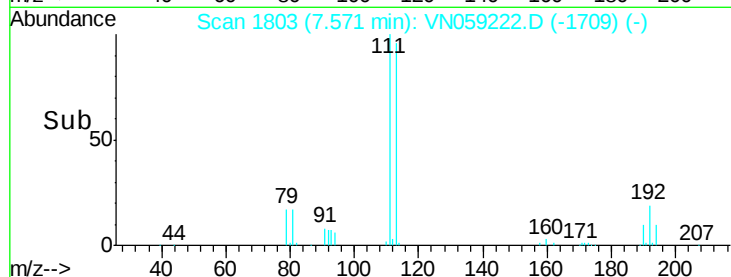
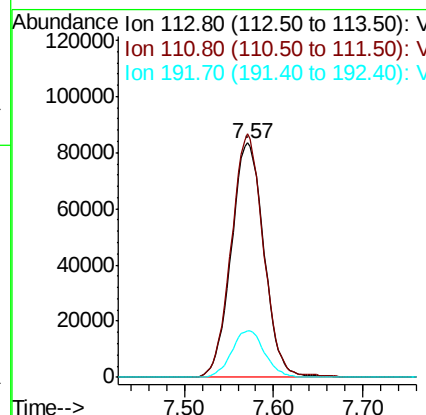
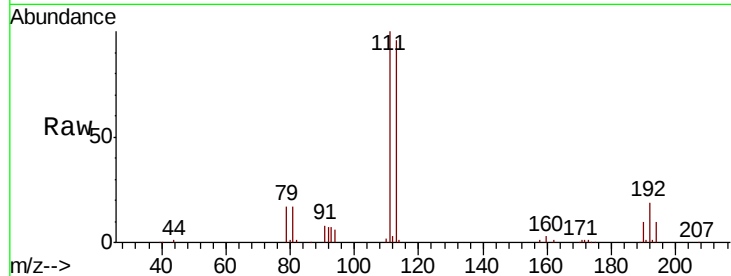




#35
Dibromofluoromethane
Concen: 53.351 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059222.D
Acq: 14 Nov 2019 10:57

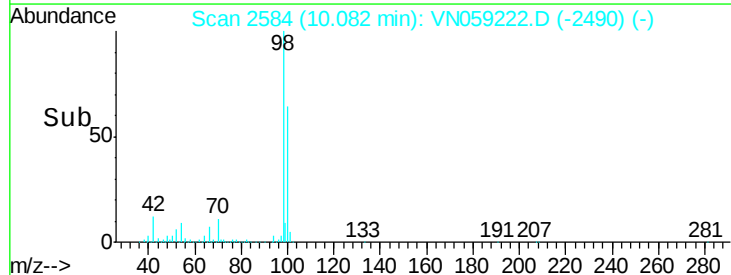
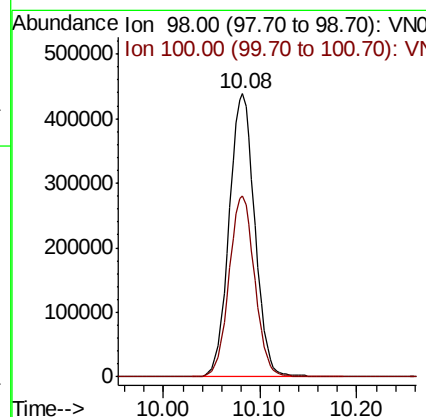
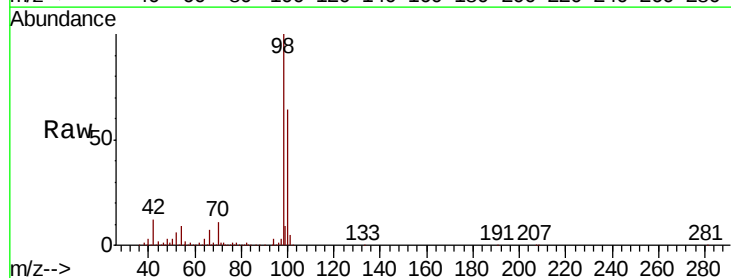
Instrument :
MSVOA_N
ClientSampleId :
N35868

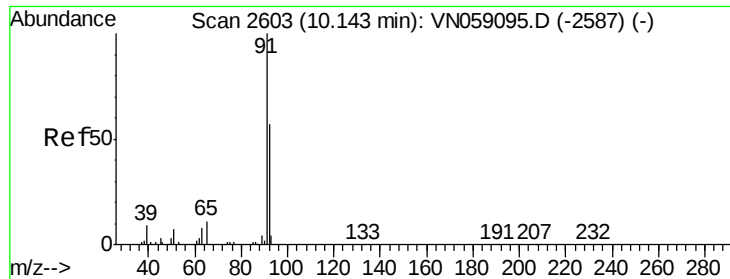
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	20.1	16.1	24.1



#50
Toluene-d8
Concen: 51.409 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059222.D
Acq: 14 Nov 2019 10:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2





#52

Toluene

Concen: 0.703 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

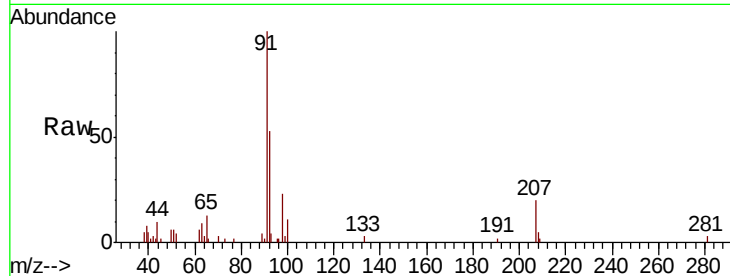
N35868

Tot Ion: 92 Resp: 7901

Ion Ratio Lower Upper

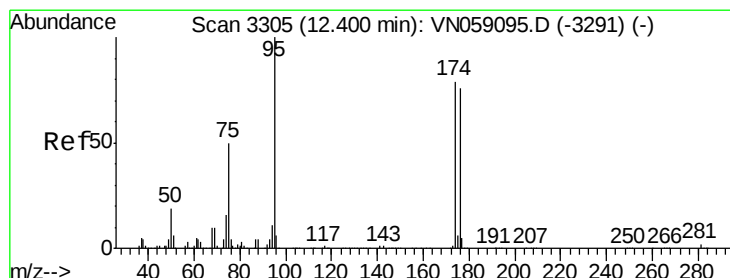
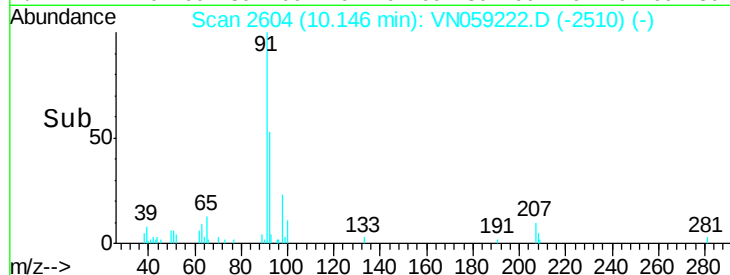
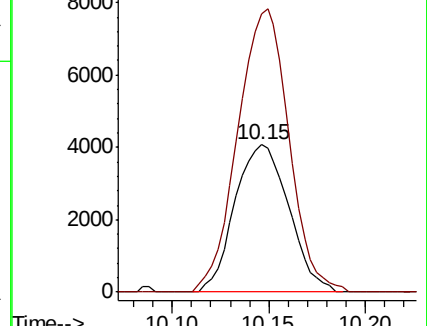
92 100

91 182.5 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 45.278 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

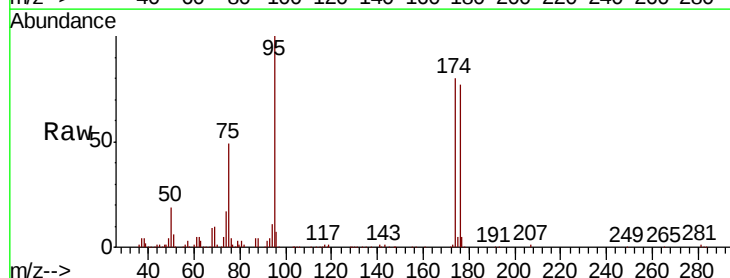
Tgt Ion: 95 Resp: 255899

Ion Ratio Lower Upper

95 100

174 79.2 0.0 158.2

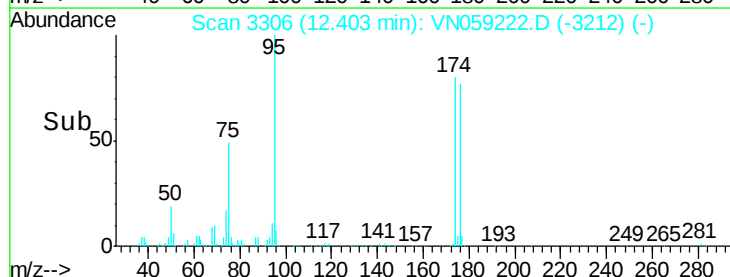
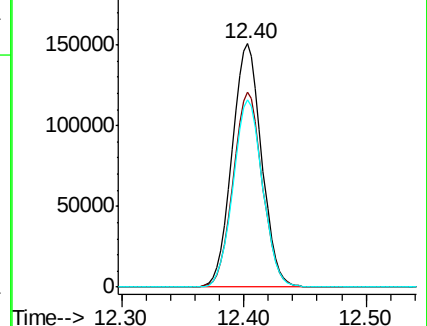
176 76.6 0.0 151.8

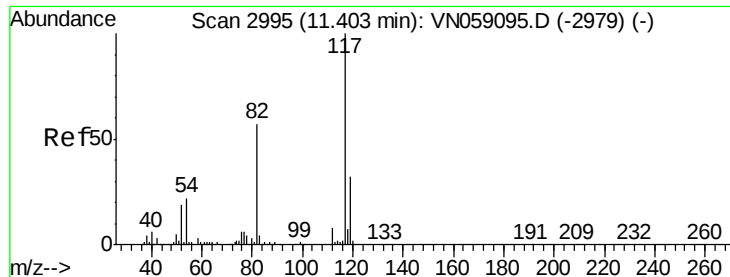


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

N35868

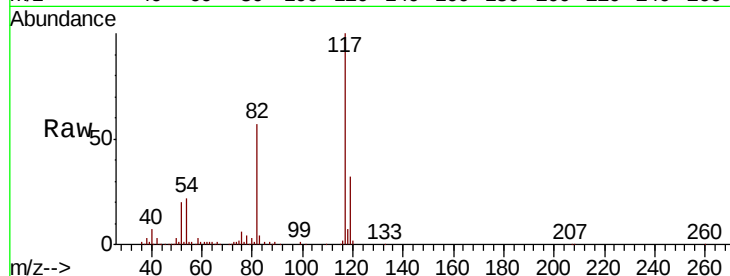
Tot Ion:117 Resp: 584252

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.8

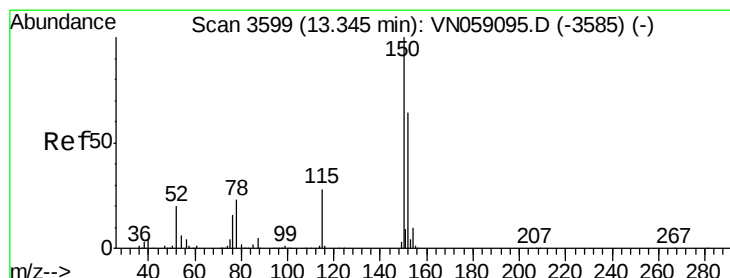
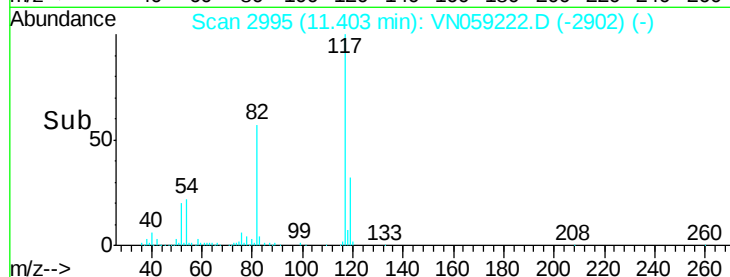
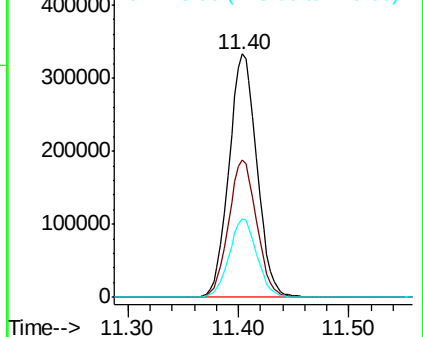
119 32.0 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059222.D

Acq: 14 Nov 2019 10:57

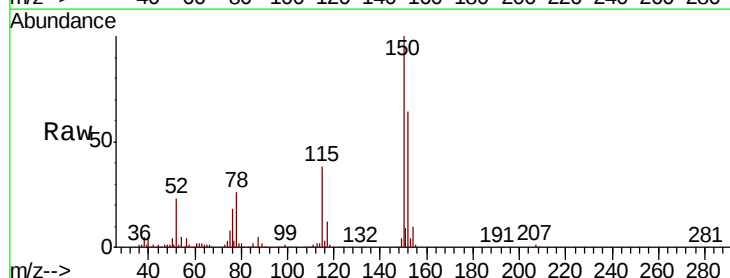
Tgt Ion:152 Resp: 212653

Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.2

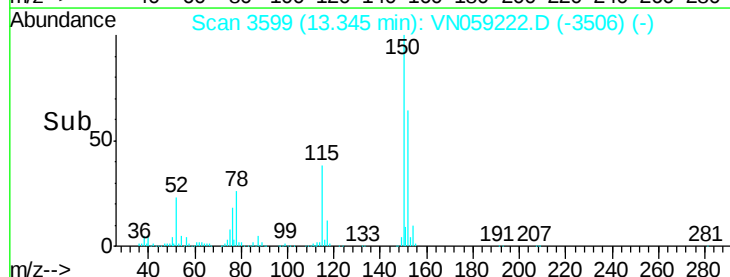
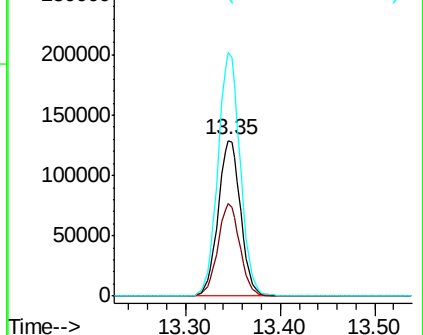
150 154.9 0.0 345.8

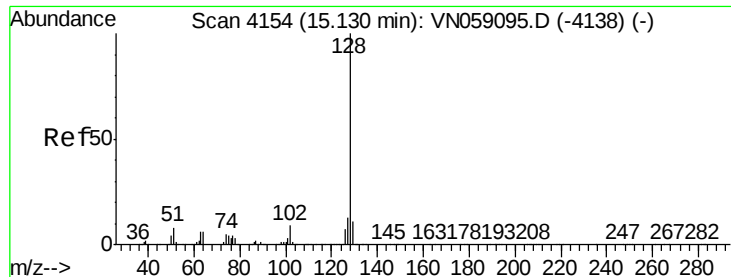


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.770 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059222.D

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N35868

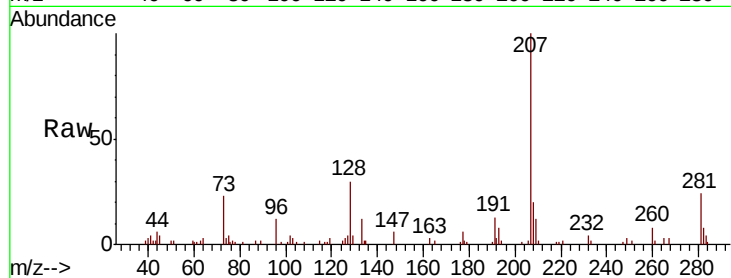
Tot Ion:128 Resp: 8509

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 10.6 8.6 12.8



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

