

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057504.D
 Acq On : 26 Aug 2019 12:03
 Operator : JC/SP
 Sample : K4496-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-082219

Quant Time: Aug 26 16:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

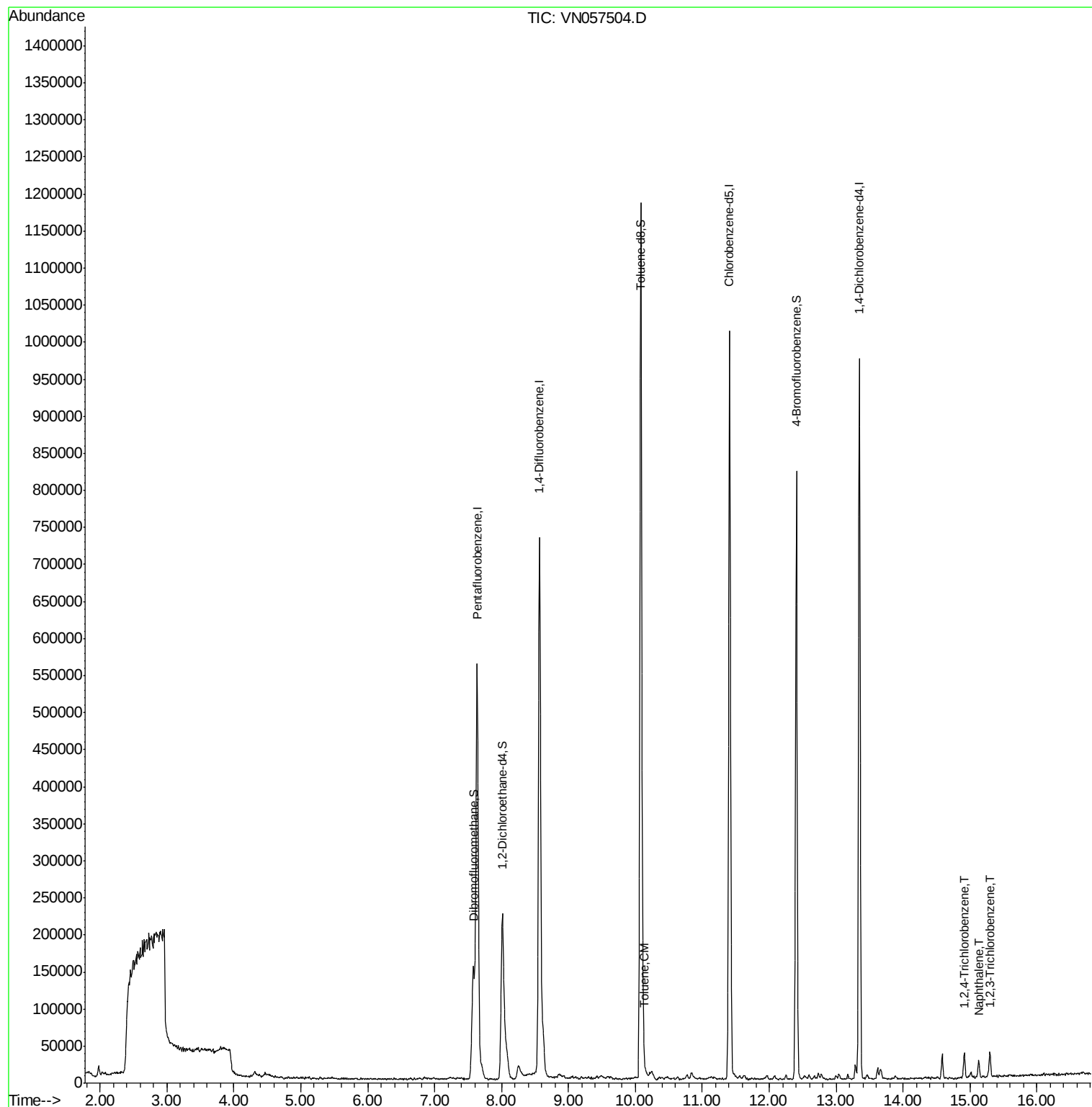
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	397320	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.57	114	685346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	281806	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
35) Dibromofluoromethane	7.58	113	167210	36.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.24%	
50) Toluene-d8	10.08	98	874855	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.41	95	284942	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
52) Toluene	10.14	92	2827	0.233	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	8763	8.126	ug/l	95
95) Naphthalene	15.13	128	15349	5.887	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	8997	7.962	ug/l	95

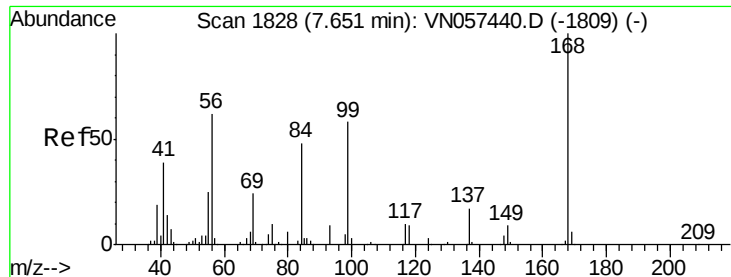
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082619\
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

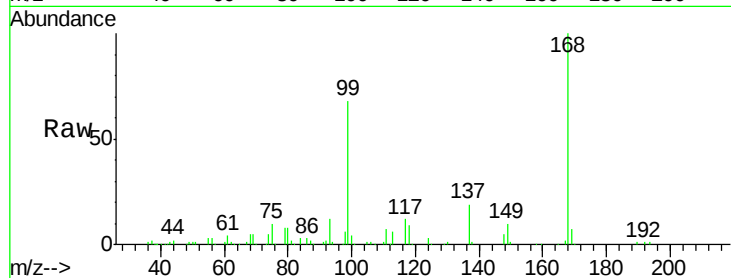
TB-02-082219

Tot Ion:168 Resp: 397320

Ion Ratio Lower Upper

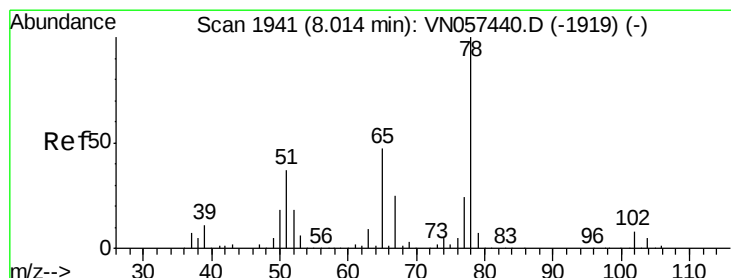
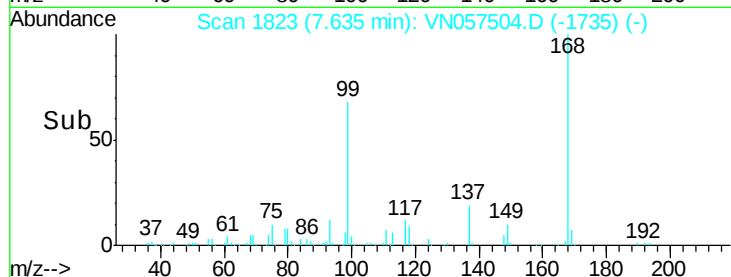
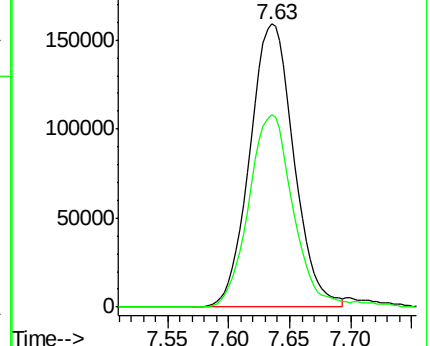
168 100

99 67.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 40.319 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057504.D

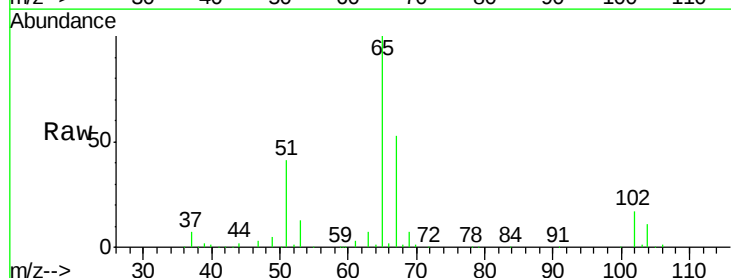
Acq: 26 Aug 2019 12:03

Tgt Ion: 65 Resp: 281806

Ion Ratio Lower Upper

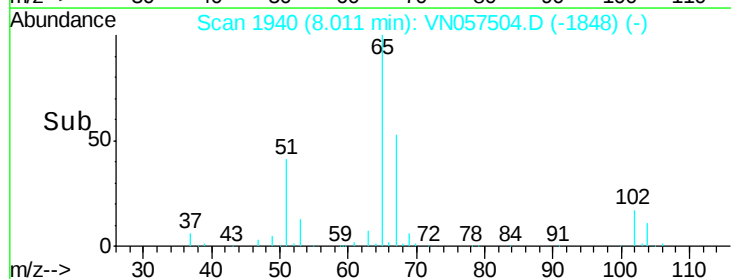
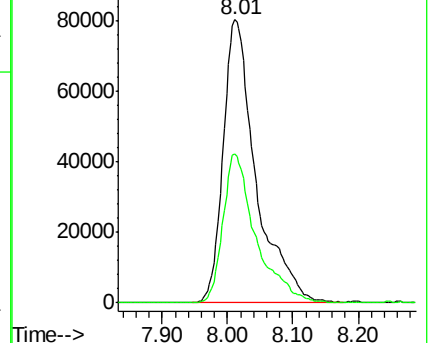
65 100

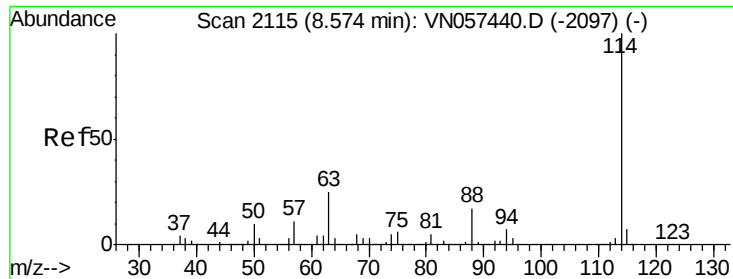
67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

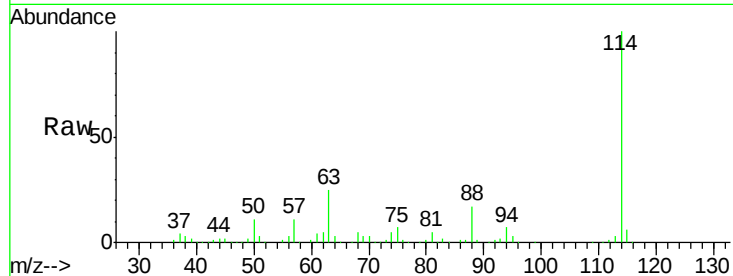




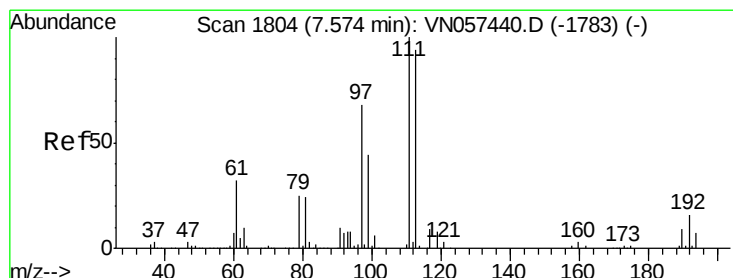
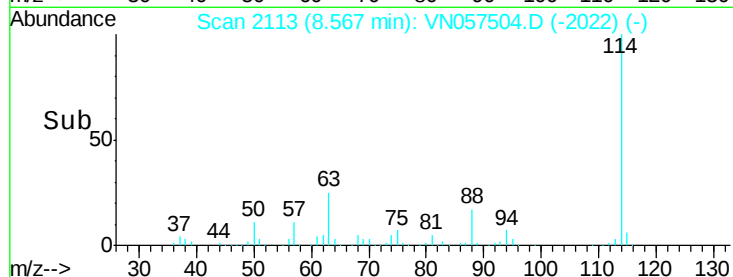
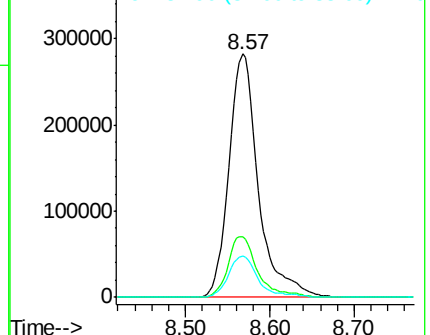
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.01 min
Lab File: VN057504.D
Acq: 26 Aug 2019 12:03

Instrument :
MSVOA_N
ClientSampleId :
TB-02-082219

Tot Ion:114 Resp: 685346
Ion Ratio Lower Upper
114 100
63 25.1 0.0 50.2
88 16.9 0.0 34.6

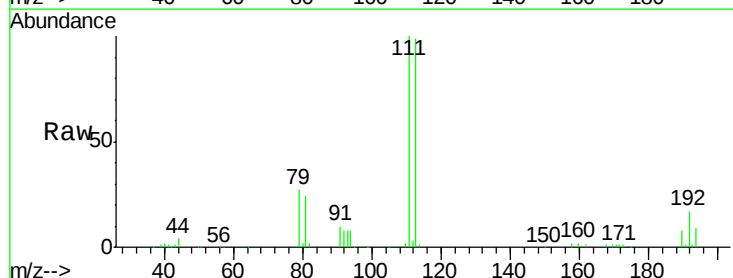


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

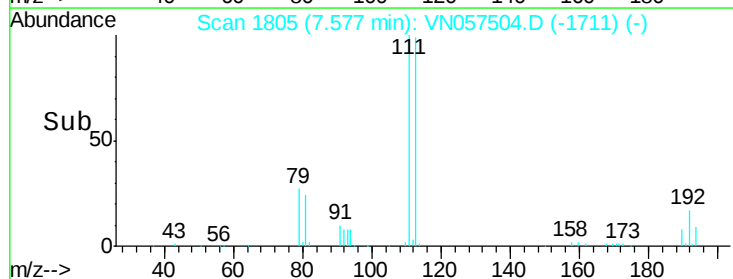
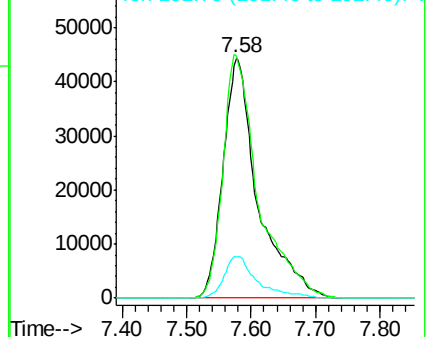


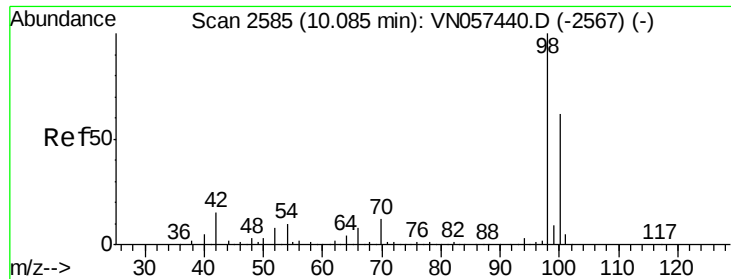
#35
Dibromofluoromethane
Concen: 36.121 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057504.D
Acq: 26 Aug 2019 12:03

Tgt Ion:113 Resp: 167210
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 15.9 13.5 20.3



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: 49.980 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

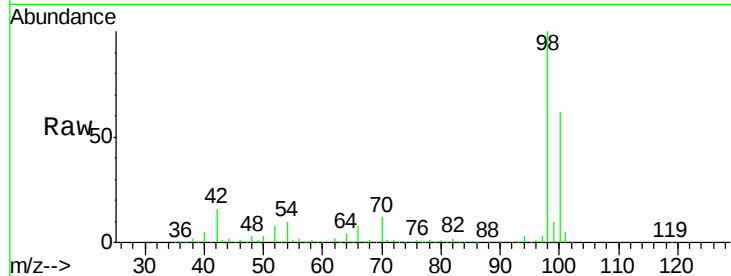
TB-02-082219

Tot Ion: 98 Resp: 874855

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)

10.08

400000

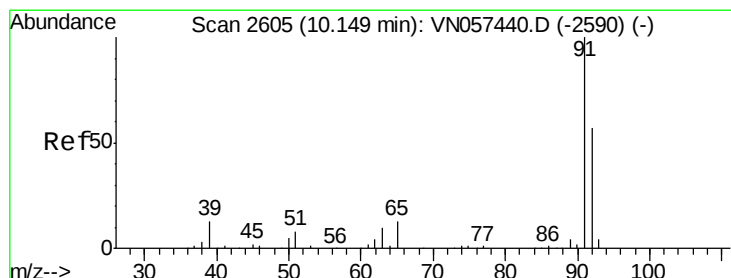
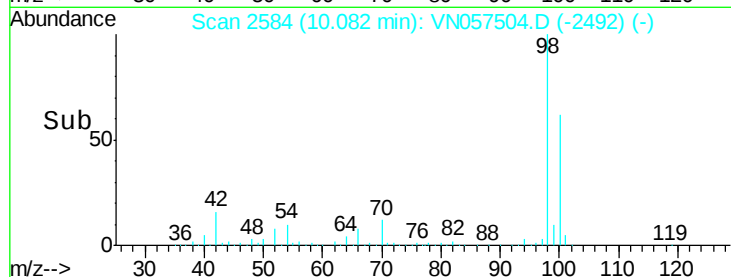
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.233 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.01 min

Lab File: VN057504.D

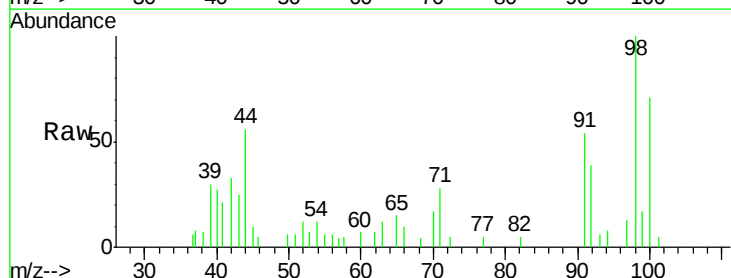
Acq: 26 Aug 2019 12:03

Tgt Ion: 92 Resp: 2827

Ion Ratio Lower Upper

92 100

91 170.4 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN057440.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057440.D (-2590) (-)

2500

2000

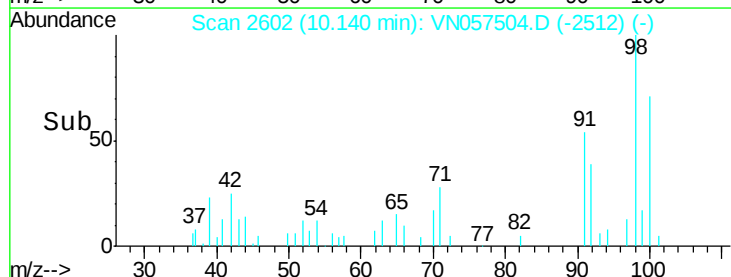
1500

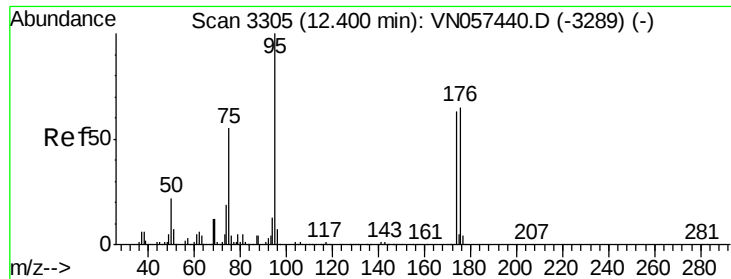
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.036 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.01 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

TB-02-082219

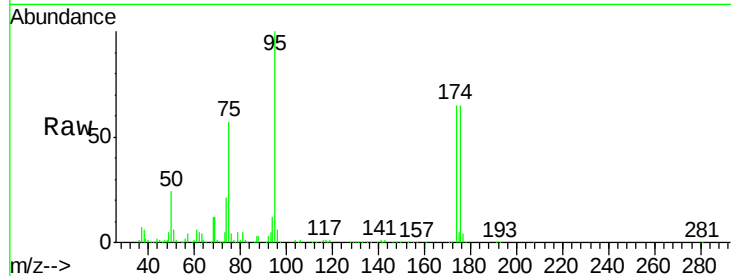
Tot Ion: 95 Resp: 284942

Ion Ratio Lower Upper

95 100

174 67.1 0.0 133.0

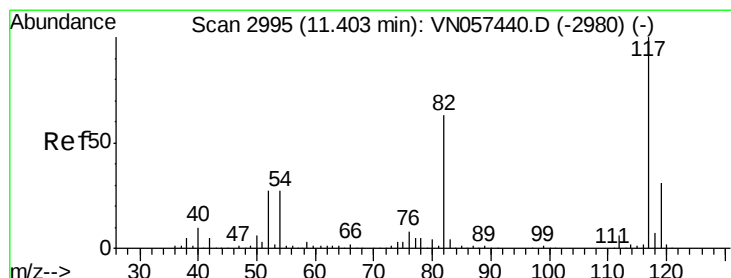
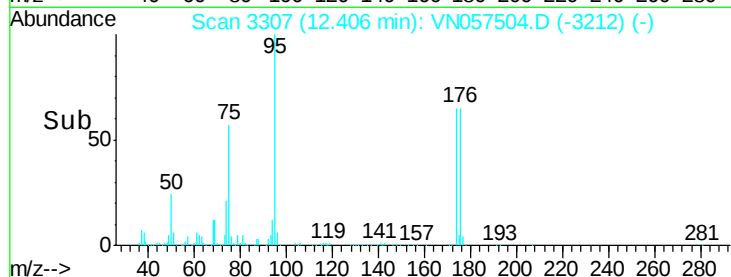
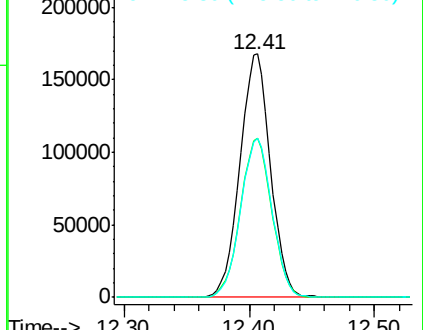
176 67.1 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057504.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057504.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057504.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

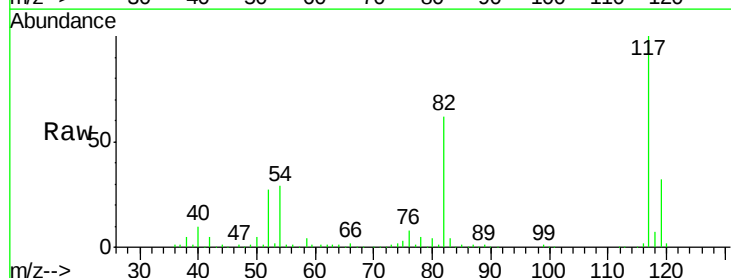
Tgt Ion: 117 Resp: 576981

Ion Ratio Lower Upper

117 100

82 62.4 50.6 75.8

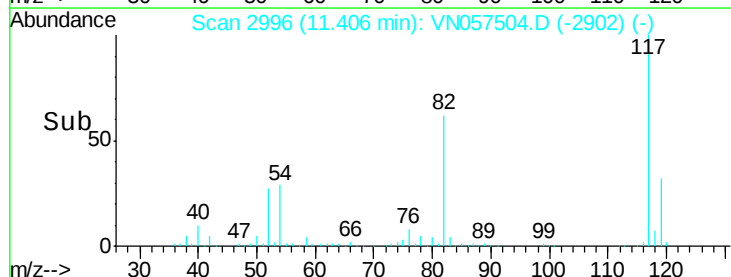
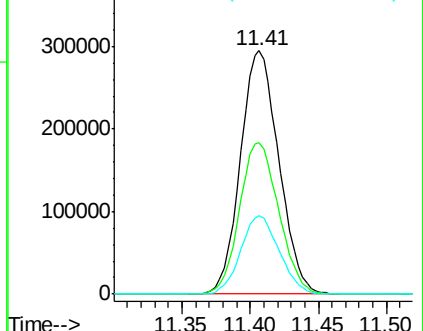
119 32.0 24.6 36.8

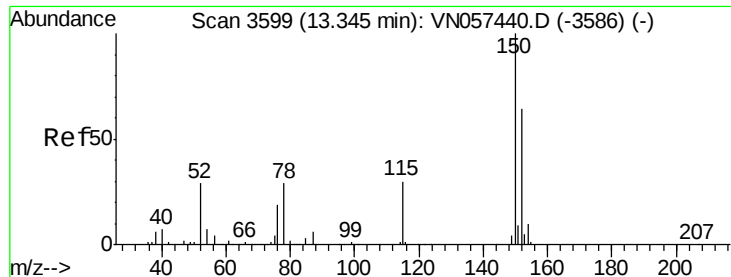


Abundance Ion 116.90 (116.60 to 117.60): VN057504.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057504.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057504.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

TB-02-082219

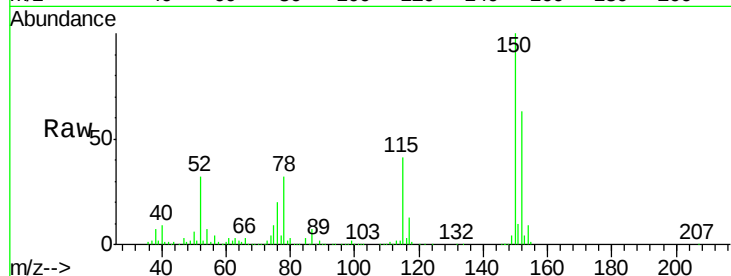
Tot Ion:152 Resp: 227617

Ion Ratio Lower Upper

152 100

115 64.2 32.0 96.0

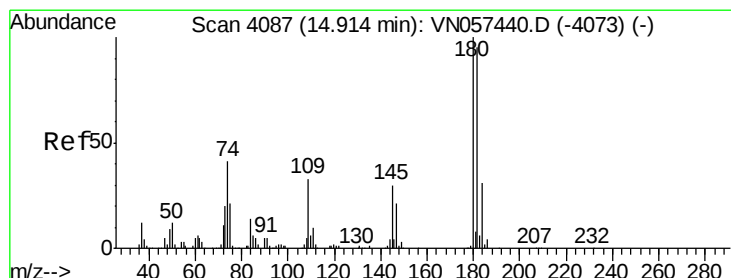
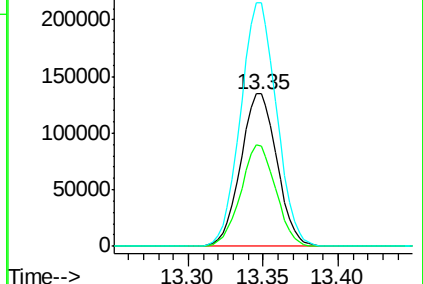
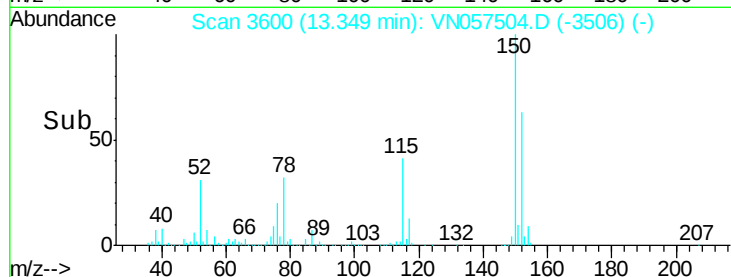
150 158.6 0.0 346.6



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



#93

1,2,4-Trichlorobenzene

Concen: 8.126 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

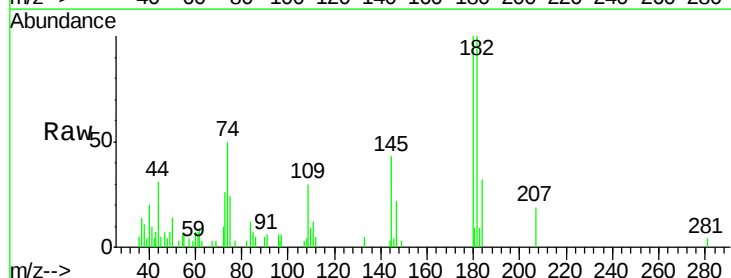
Tgt Ion:180 Resp: 8763

Ion Ratio Lower Upper

180 100

182 96.6 46.7 140.1

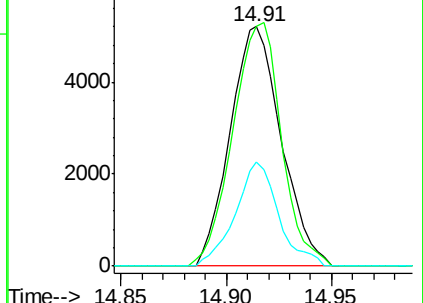
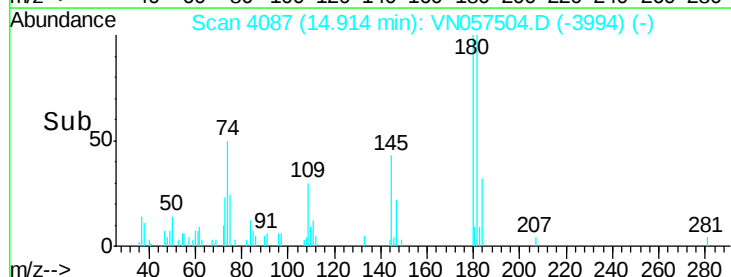
145 36.8 15.6 46.8

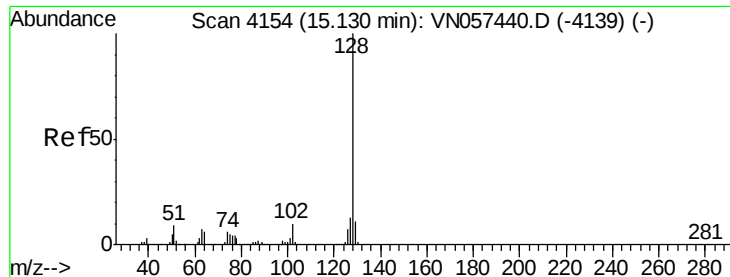


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.887 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

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MSVOA_N

ClientSampleId :

TB-02-082219

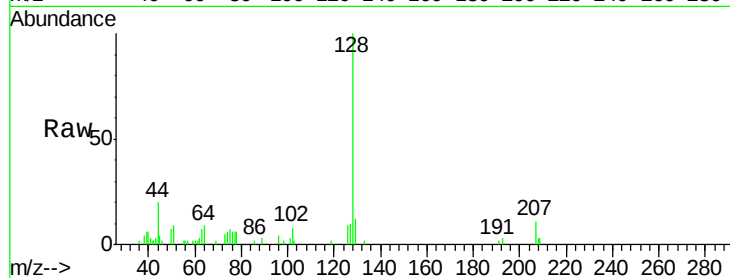
Tot Ion:128 Resp: 15349

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

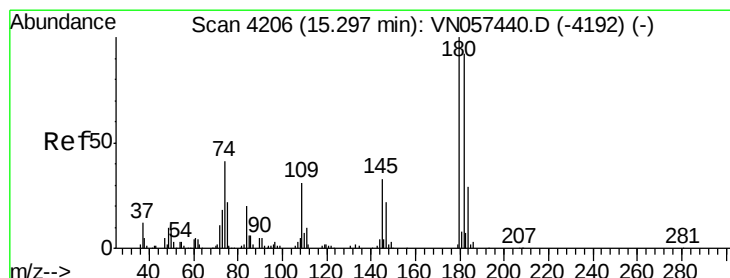
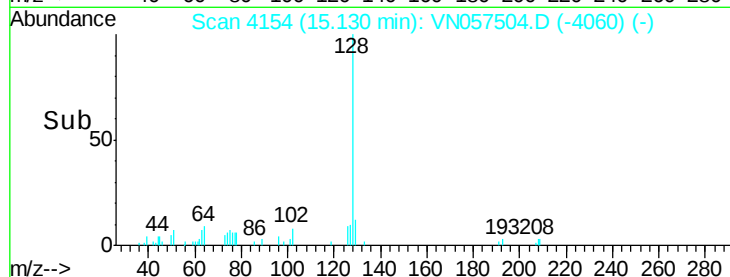
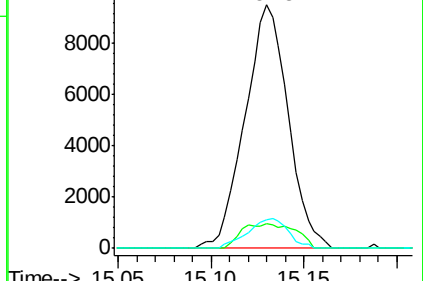
129 11.6 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 7.962 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057504.D

Acq: 26 Aug 2019 12:03

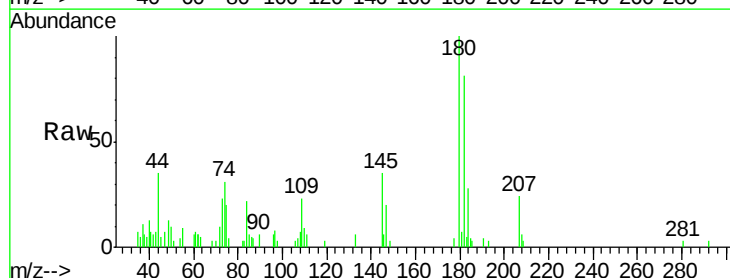
Tgt Ion:180 Resp: 8997

Ion Ratio Lower Upper

180 100

182 86.8 46.7 140.1

145 33.8 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

