

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049313.D
 Acq On : 16 Jun 2018 16:54
 Operator : MD\SY
 Sample : J3562-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EAST-NEW-YORK-TRIP-BLANK-1-6-

Quant Time: Jun 18 10:01:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1467174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2279303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1895331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	533195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	965035	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	865223	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	3197913	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.40	95	811953	34.97	ug/l	0.00
Spiked Amount			Recovery	=	69.94%	

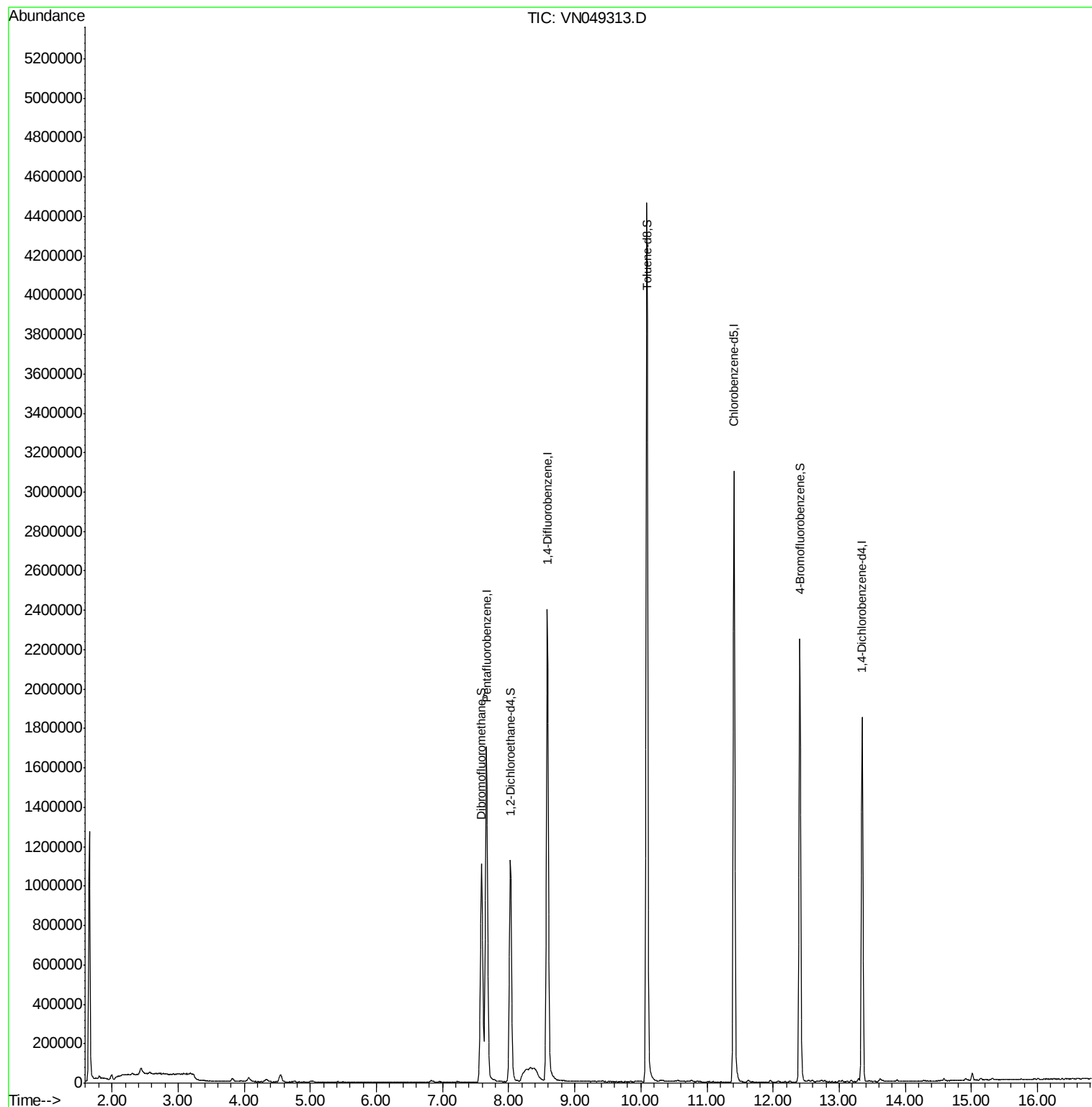
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

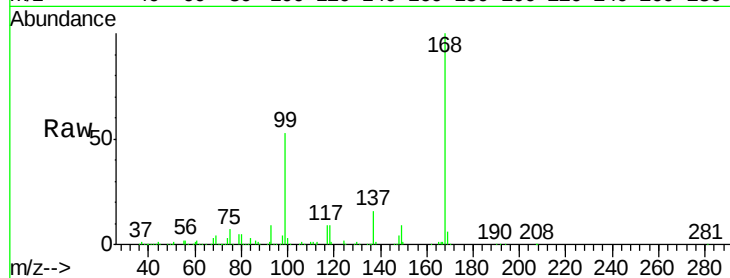
EAST-NEW-YORK-TRIP-BLANK-1-6-

Tot Ion:168 Resp: 1467174

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

600000

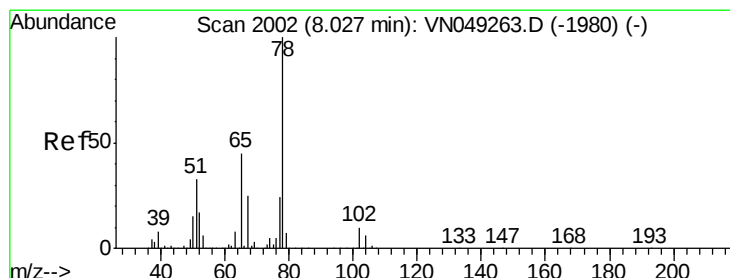
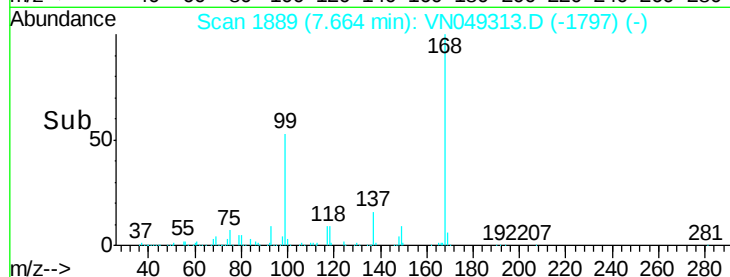
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.59 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049313.D

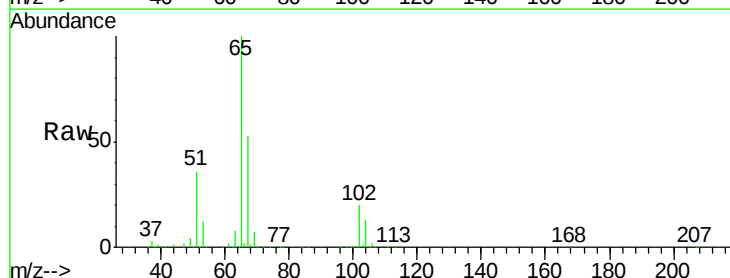
Acq: 16 Jun 2018 16:54

Tgt Ion: 65 Resp: 965035

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

300000

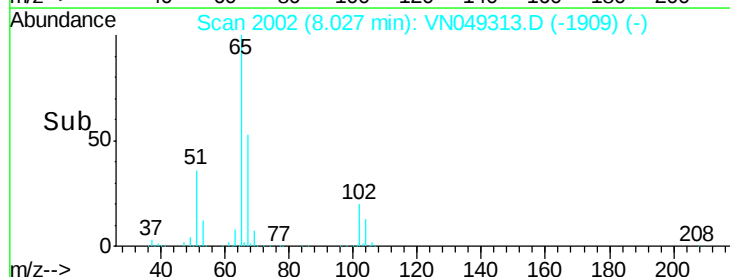
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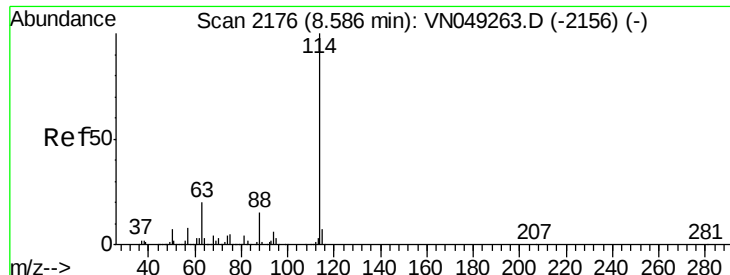
100000

0

7.90 8.00 8.10

Time-->

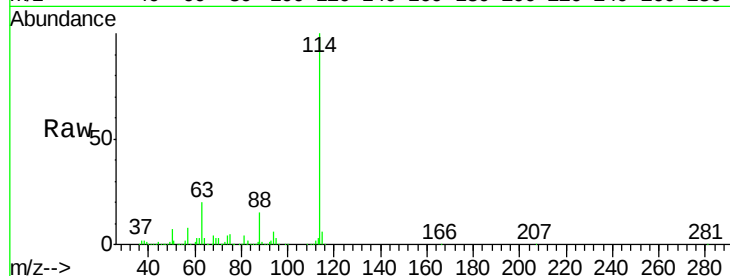




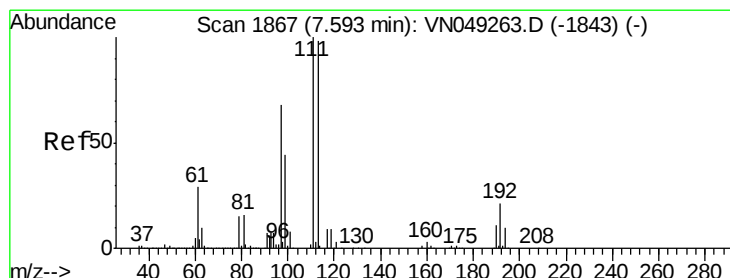
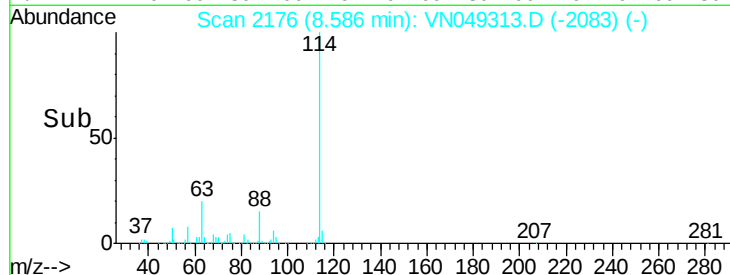
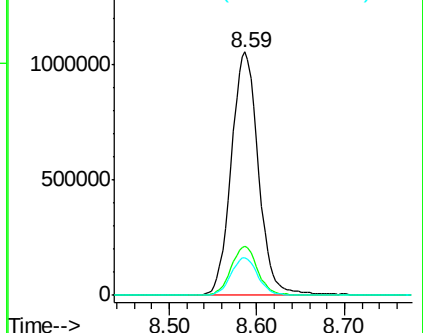
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049313.D
 Acq: 16 Jun 2018 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 EAST-NEW-YORK-TRIP-BLANK-1-6-

Tot Ion:114 Resp: 2279303
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.5 0.0 31.4

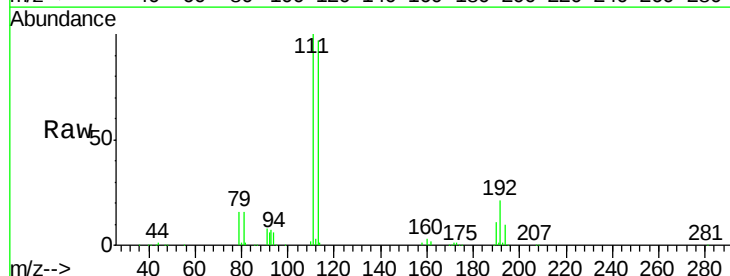


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

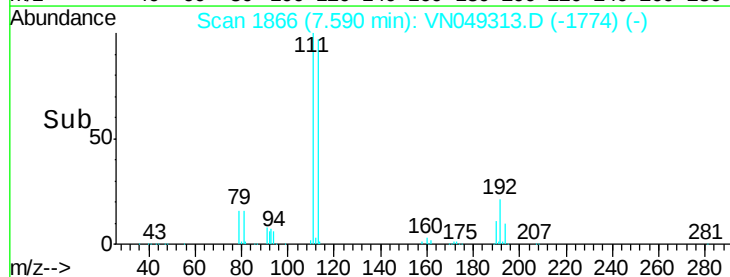
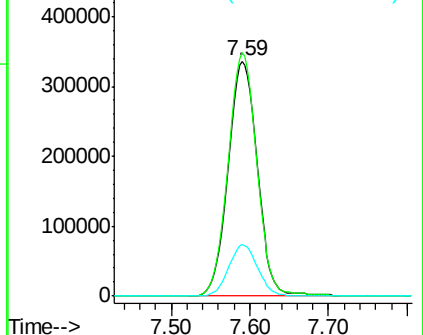


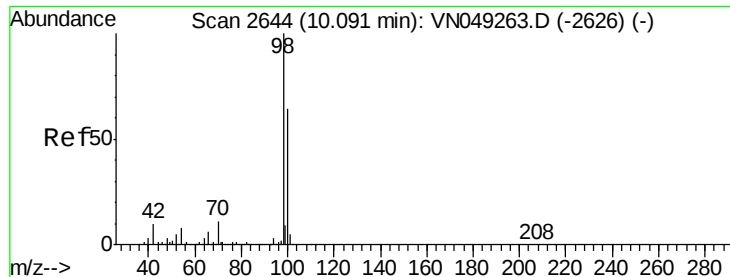
#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049313.D
 Acq: 16 Jun 2018 16:54

Tgt Ion:113 Resp: 865223
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 21.6 15.0 22.6



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: 45.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

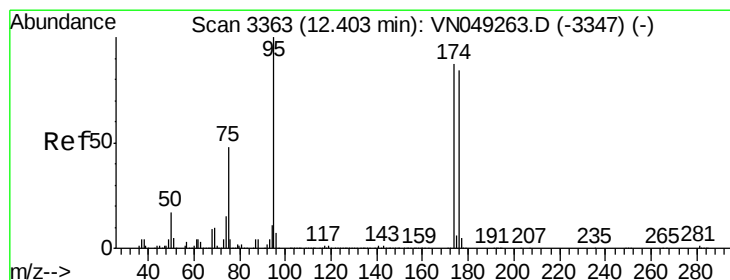
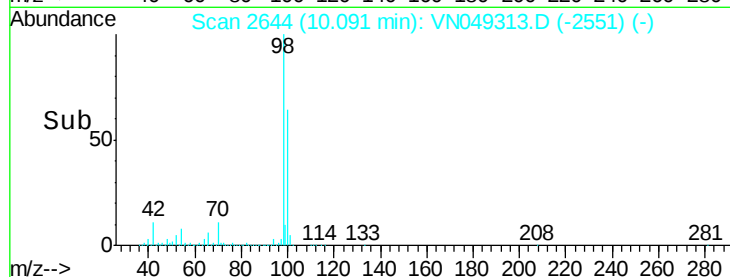
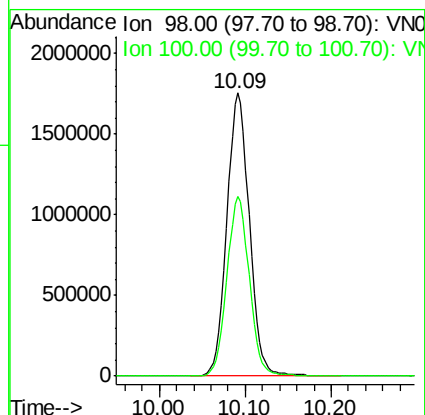
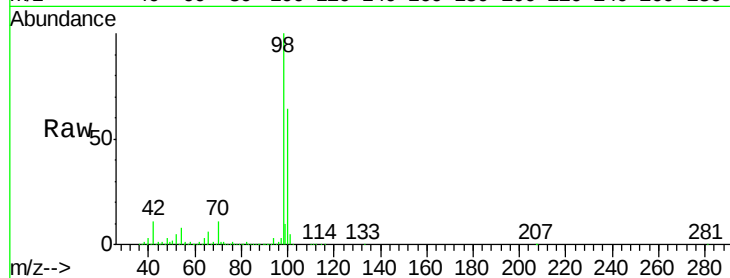
EAST-NEW-YORK-TRIP-BLANK-1-6-

Tot Ion: 98 Resp: 3197913

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 34.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049313.D

Acq: 16 Jun 2018 16:54

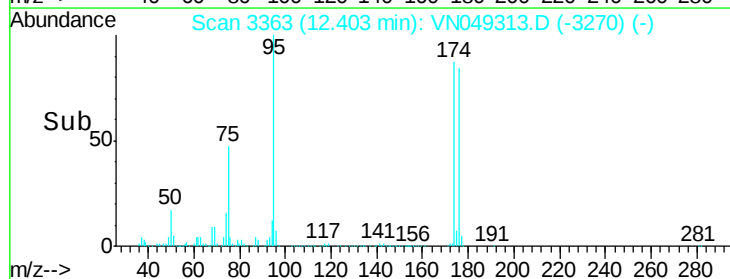
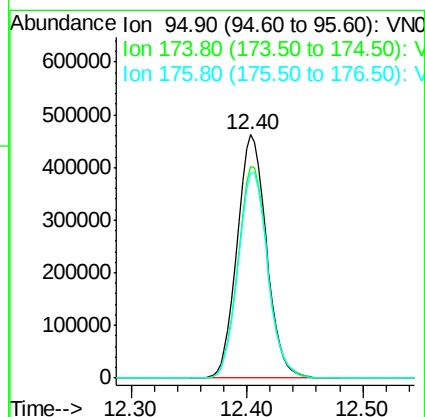
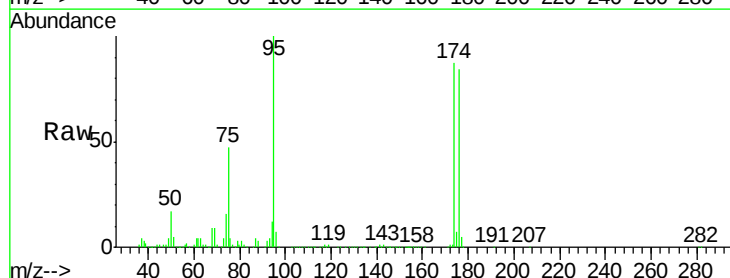
Tgt Ion: 95 Resp: 811953

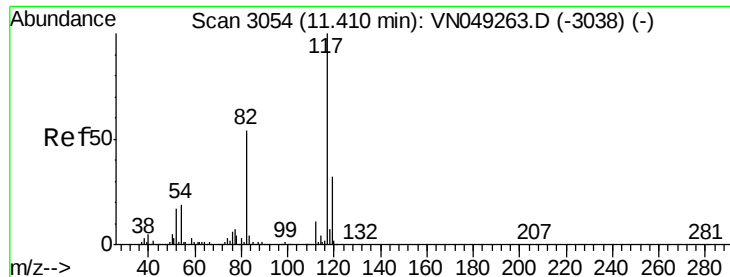
Ion Ratio Lower Upper

95 100

174 87.7 0.0 165.6

176 85.3 0.0 157.4

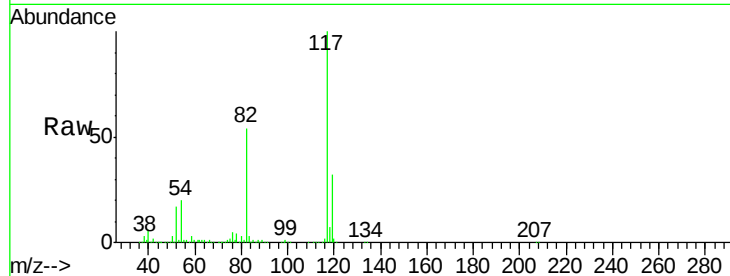




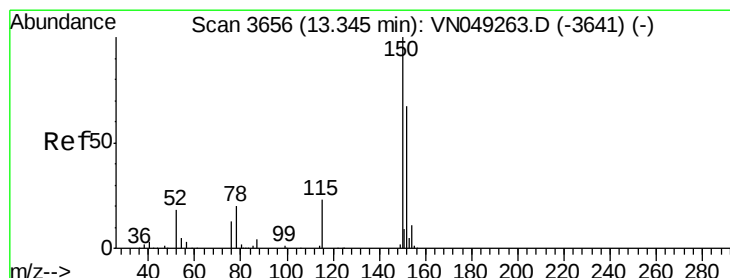
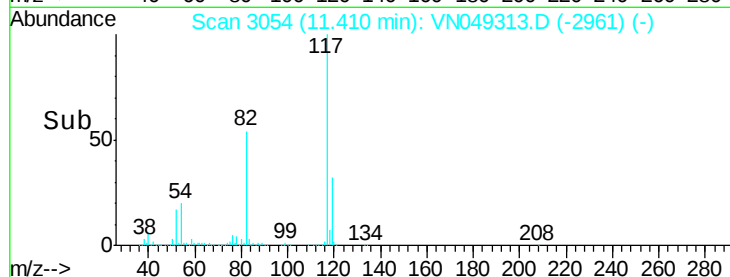
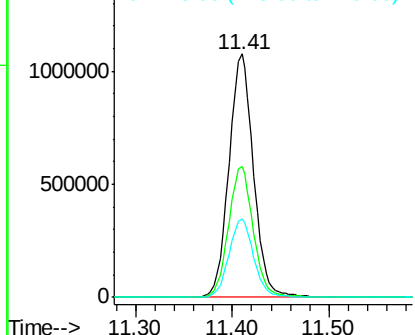
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Instrument :
MSVOA_N
ClientSampleId :
EAST-NEW-YORK-TRIP-BLANK-1-6-

Tot Ion:117 Resp: 1895331
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.2 25.5 38.3

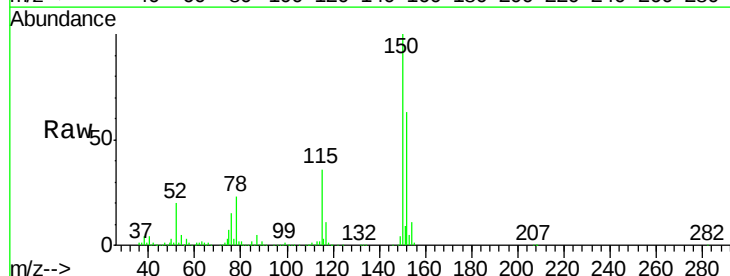


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049313.D
Acq: 16 Jun 2018 16:54

Tgt Ion:152 Resp: 533195
Ion Ratio Lower Upper
152 100
115 57.1 28.7 86.1
150 158.7 0.0 351.0



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

