

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049314.D
 Acq On : 16 Jun 2018 17:20
 Operator : MD\SY
 Sample : J3564-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHATTANVILLE-TRIP-BLANK-1-

Quant Time: Jun 18 10:01:33 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	7.67	168	1443768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2278706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1916666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	547102	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	970081	50.66	ug/l	0.00
Spiked Amount						
			Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	869581	47.17	ug/l	0.00
Spiked Amount						
			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	3196276	45.53	ug/l	0.00
Spiked Amount						
			Recovery	=	91.06%	
62) 4-Bromofluorobenzene	12.40	95	804688	34.67	ug/l	0.00
Spiked Amount						
			Recovery	=	69.34%	

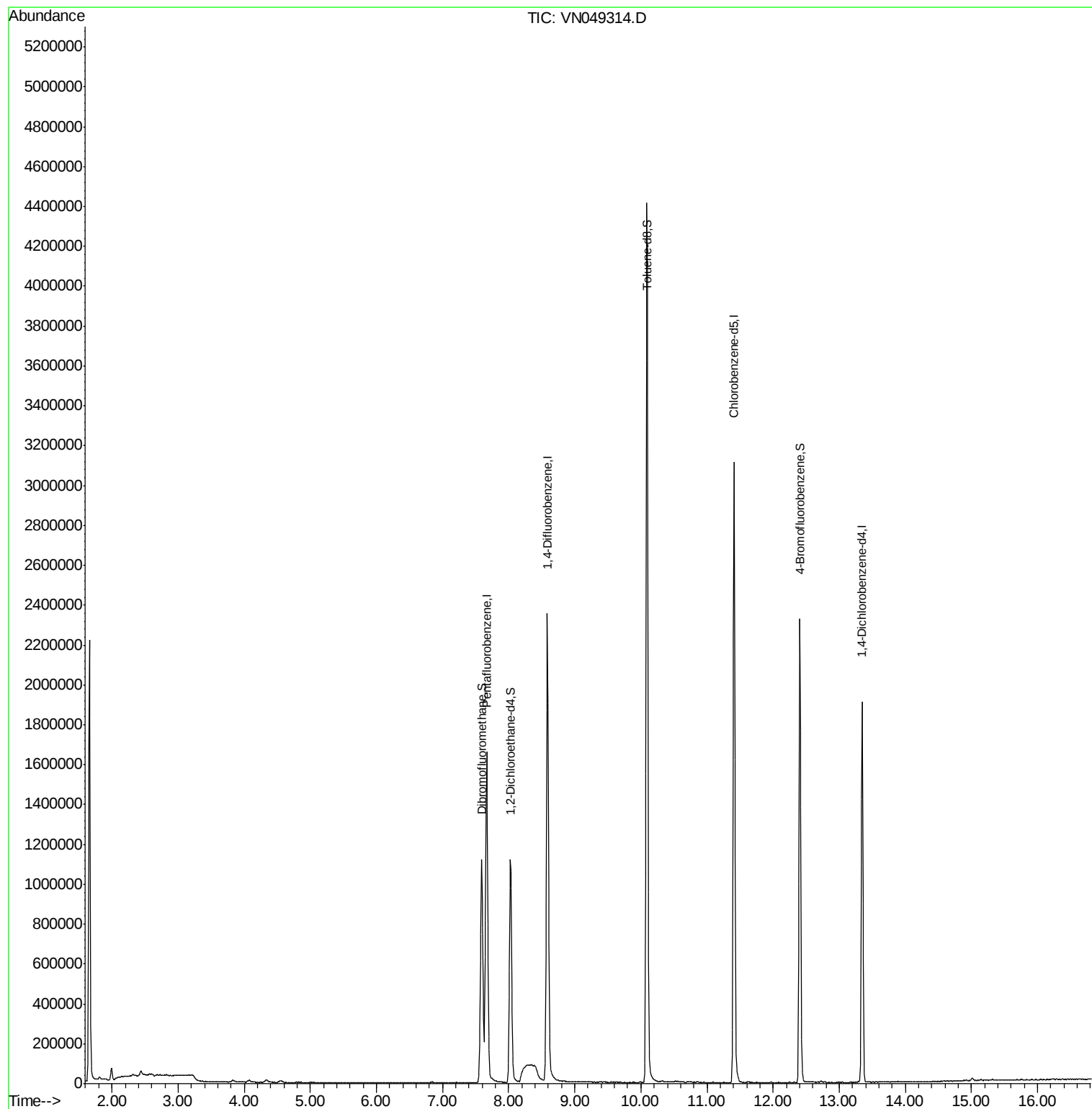
Target Compounds	Qvalue
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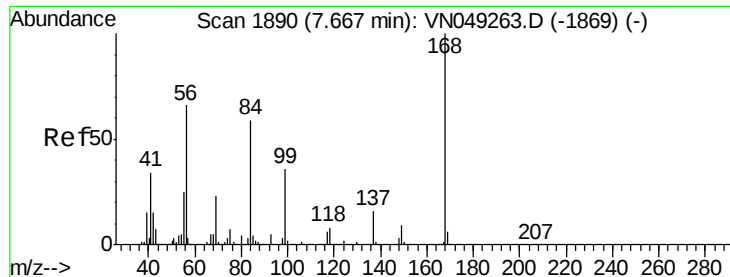
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

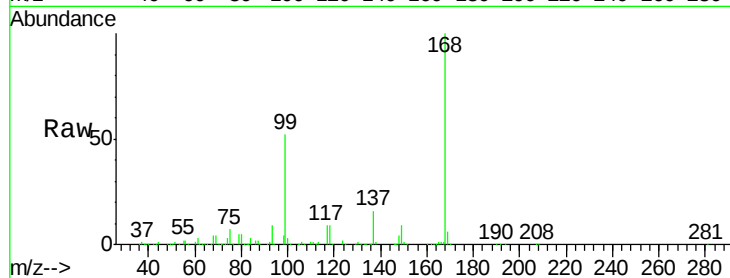
MANHATTANVILLE-TRIP-BLANK-1-

Tot Ion:168 Resp: 1443768

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

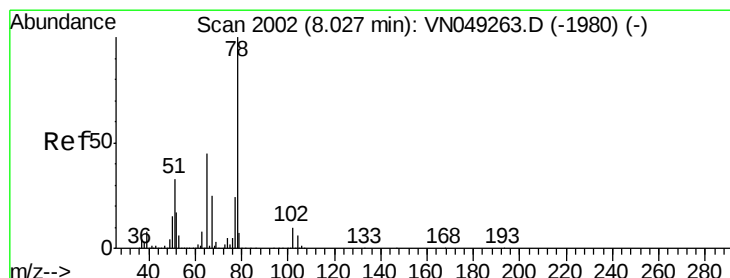
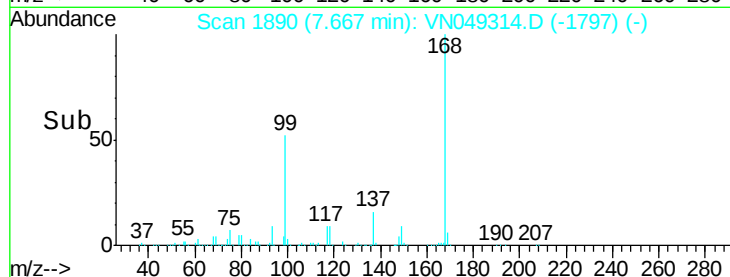
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 50.66 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049314.D

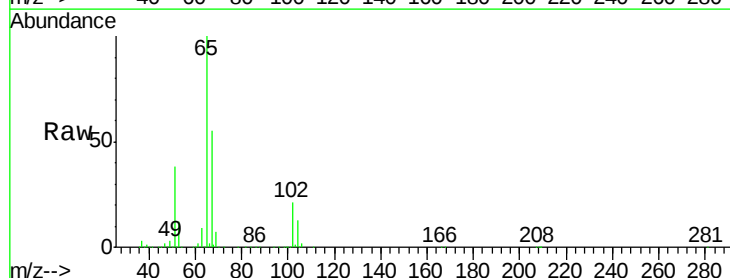
Acq: 16 Jun 2018 17:20

Tgt Ion: 65 Resp: 970081

Ion Ratio Lower Upper

65 100

67 54.6 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

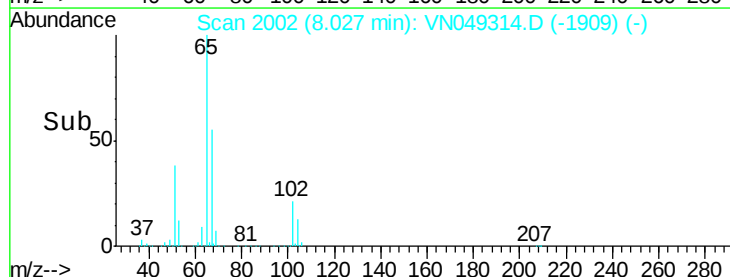
300000

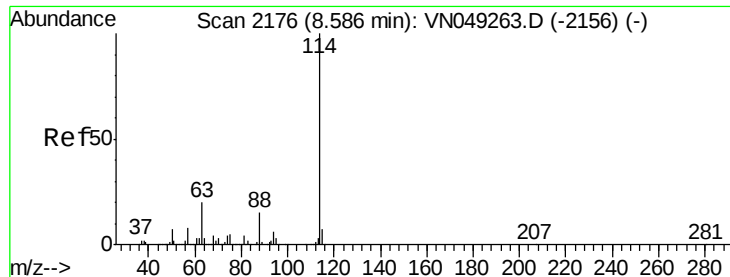
200000

100000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049314.D

Acq: 16 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

MANHATTANVILLE-TRIP-BLANK-1-

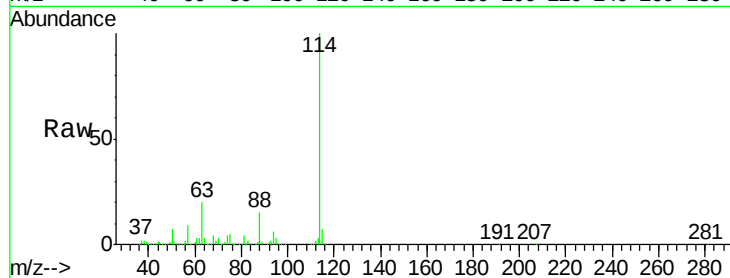
Tot Ion:114 Resp: 2278706

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

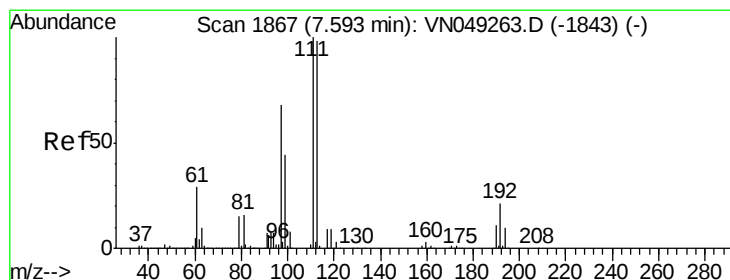
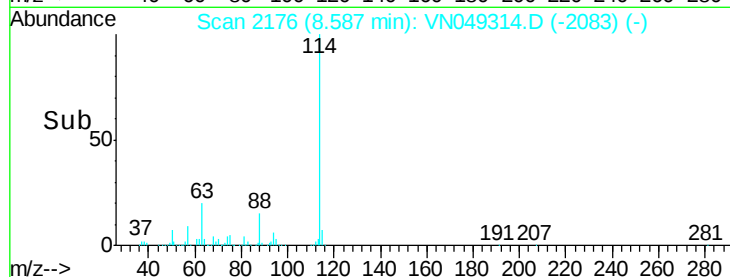
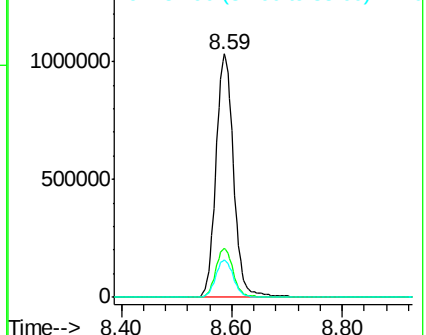
88 15.3 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.17 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049314.D

Acq: 16 Jun 2018 17:20

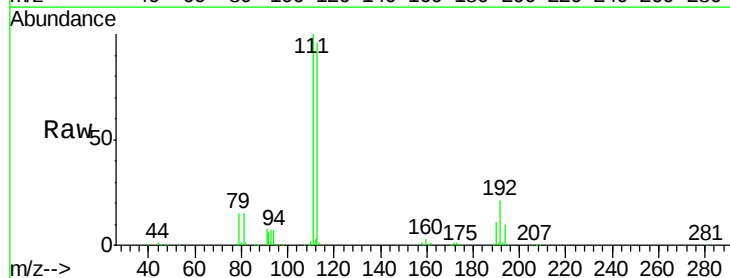
Tgt Ion:113 Resp: 869581

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

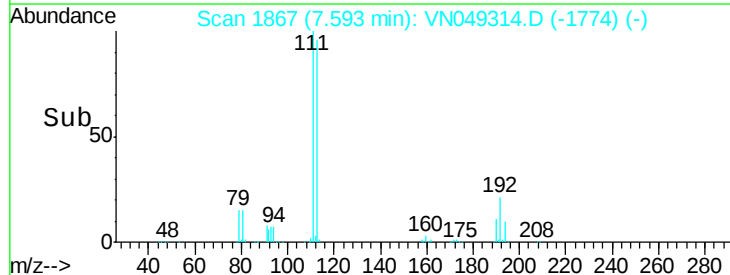
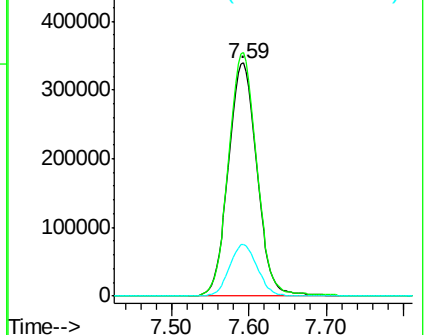
192 21.6 15.0 22.6

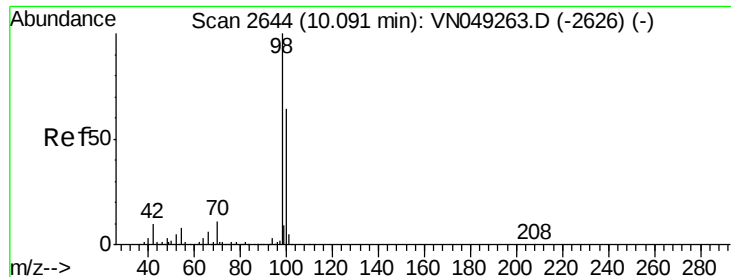


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

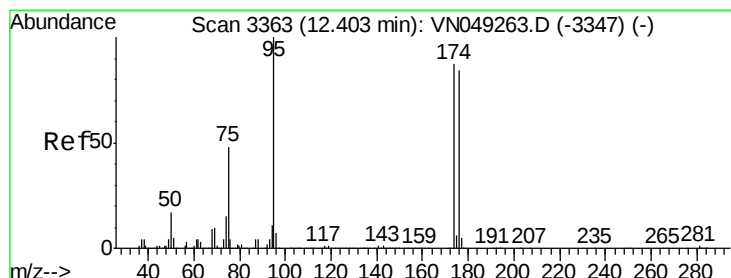
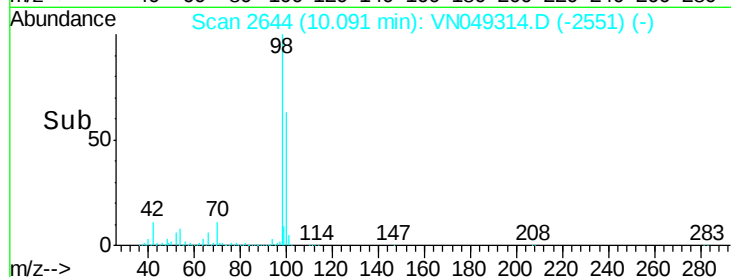
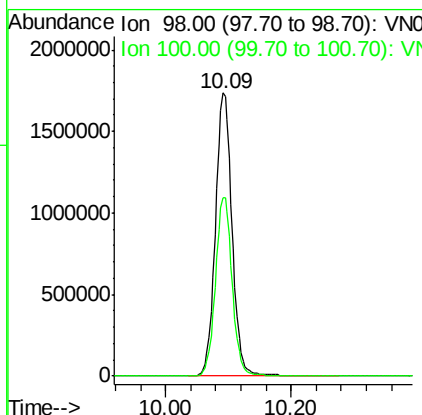
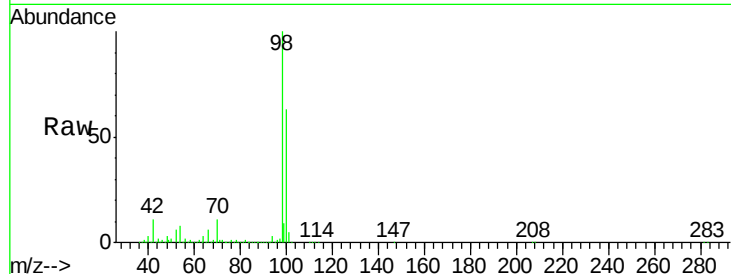




#50
Toluene-d8
Concen: 45.53 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

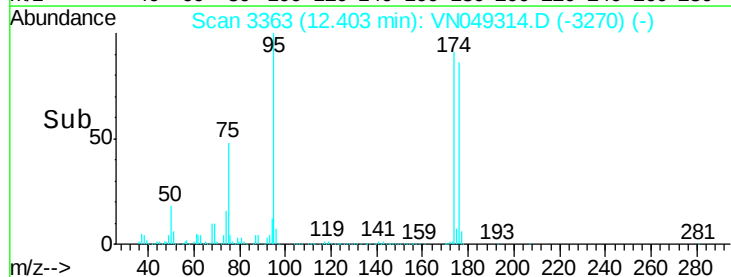
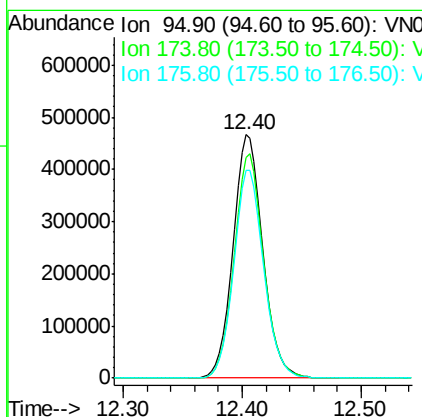
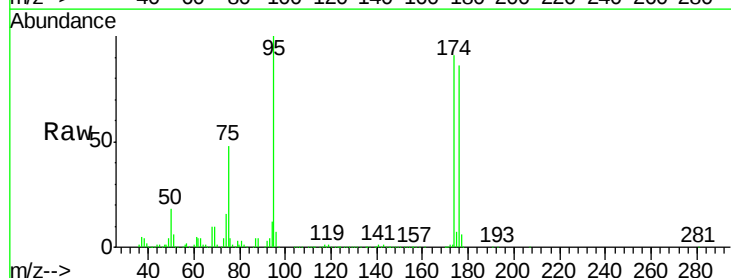
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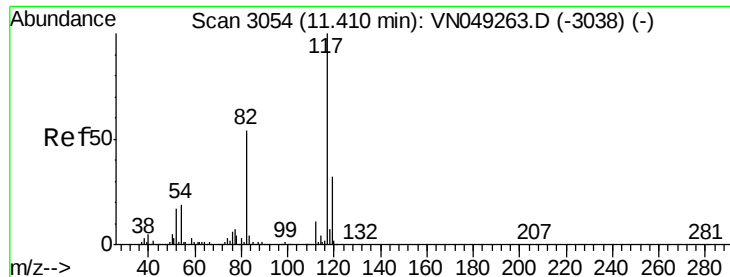
Tot Ion: 98 Resp: 3196276
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 34.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 95 Resp: 804688
Ion Ratio Lower Upper
95 100
174 91.4 0.0 165.6
176 86.1 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: VN049314.D

Acq: 16 Jun 2018 17:20

Instrument :

MSVOA_N

ClientSampleId :

MANHATTANVILLE-TRIP-BLANK-1-

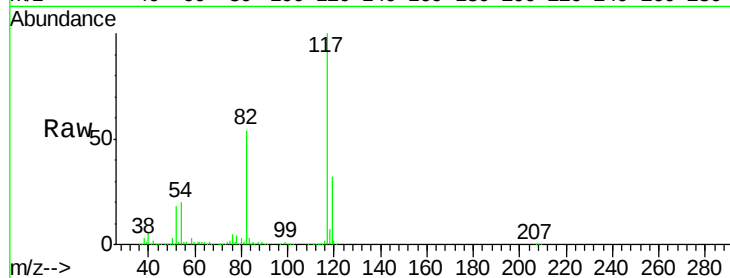
Tot Ion:117 Resp: 1916666

Ion Ratio Lower Upper

117 100

82 54.5 45.9 68.9

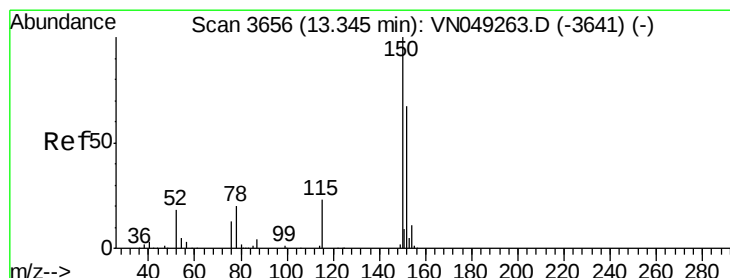
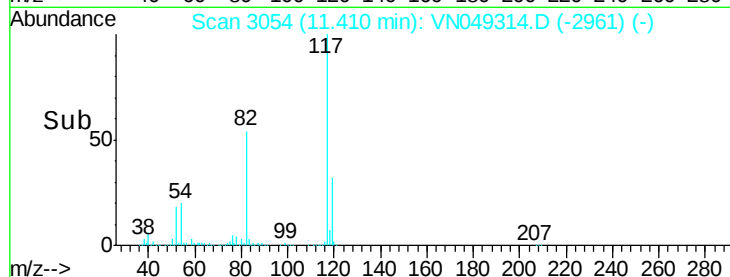
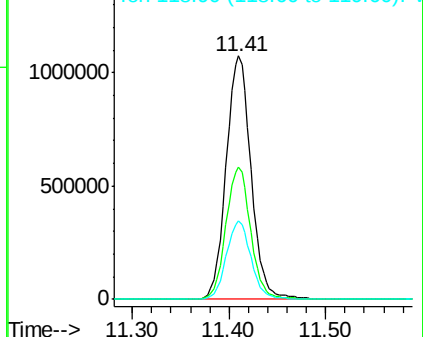
119 32.0 25.5 38.3



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: VN049314.D

Acq: 16 Jun 2018 17:20

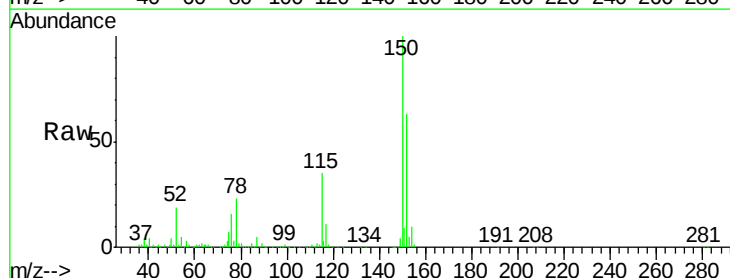
Tgt Ion:152 Resp: 547102

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

150 159.6 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

