

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060214.D
 Acq On : 24 Feb 2020 17:07
 Operator : JC/MD
 Sample : L1671-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Feb 25 00:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	281506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104711	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.57	113	85252	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.08	98	337786	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	117467	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

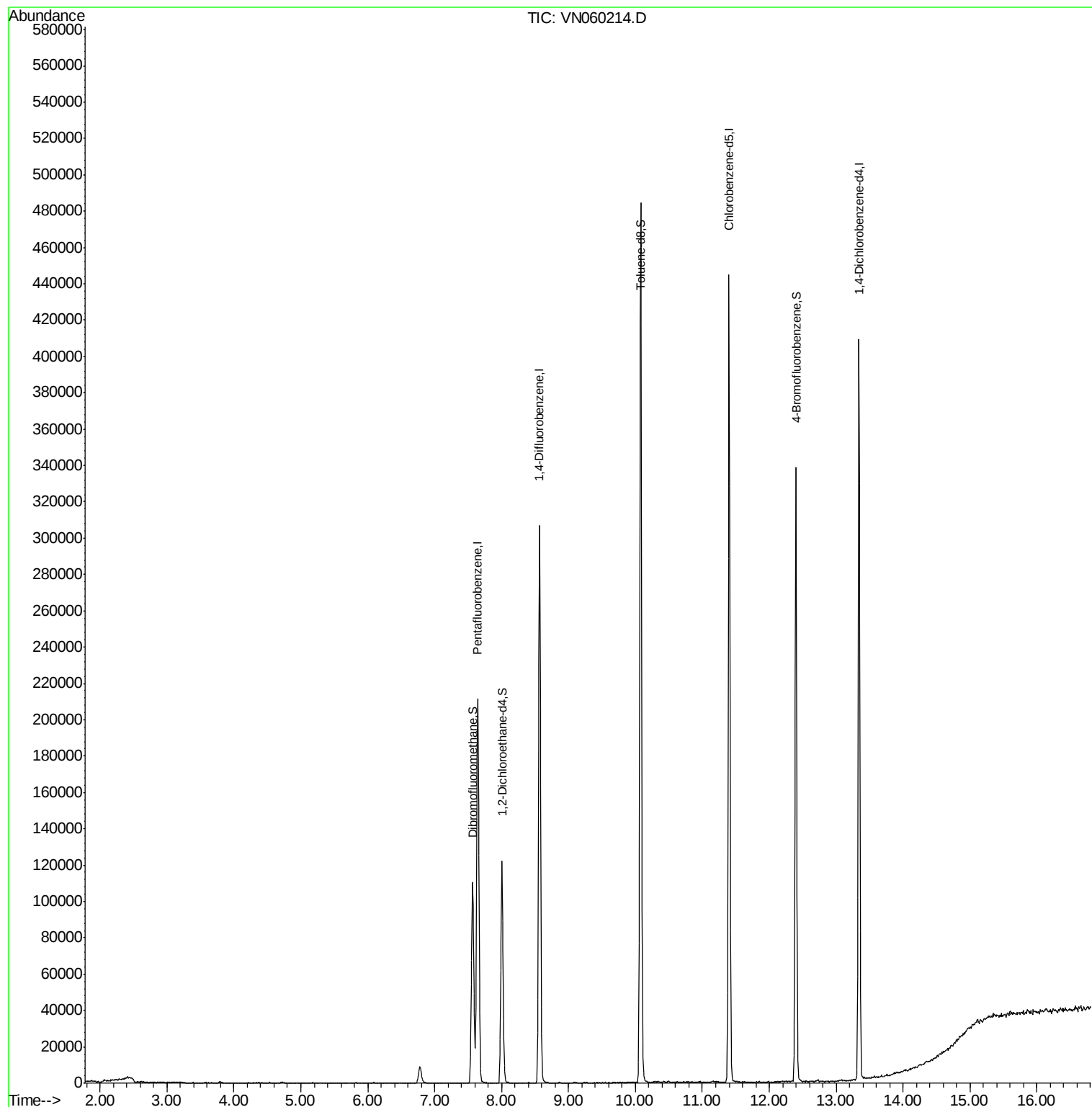
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FIELD-BLANK

Quant Time: Feb 25 00:25:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060214.D

Acq: 24 Feb 2020 17:07

Instrument :

MSVOA_N

ClientSampled :

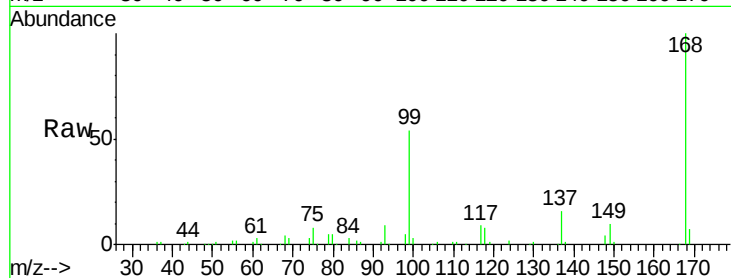
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Tot Ion:168 Resp: 180517

Ion Ratio Lower Upper

168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

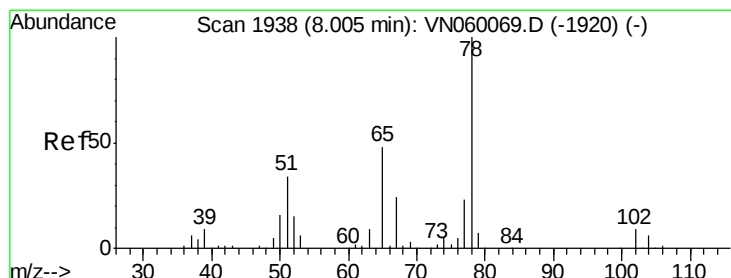
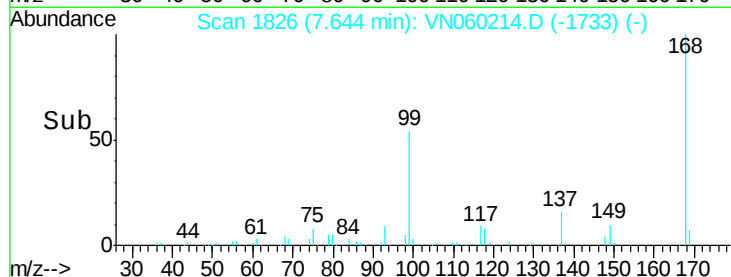
40000

20000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.670 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060214.D

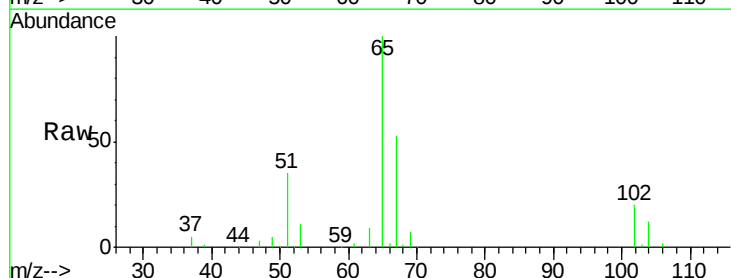
Acq: 24 Feb 2020 17:07

Tgt Ion: 65 Resp: 104711

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

50000

40000

30000

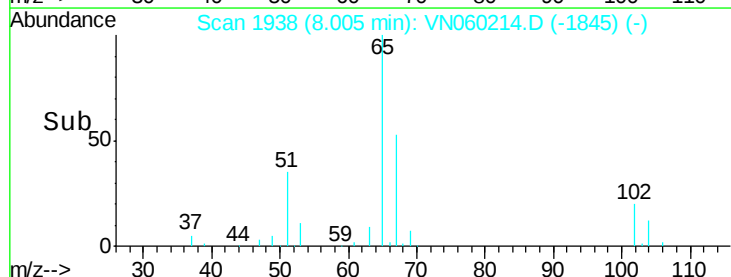
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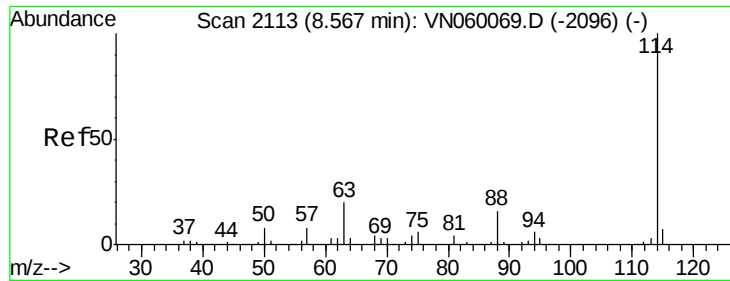
10000

0

7.90 8.00 8.10

Time-->

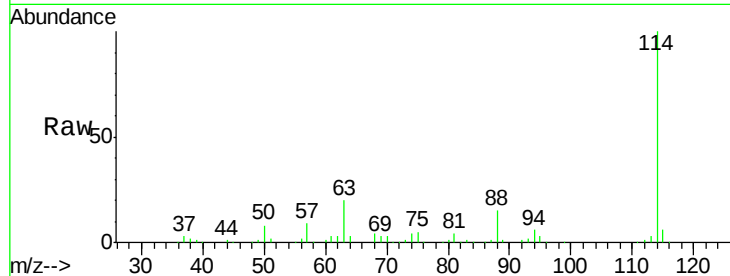




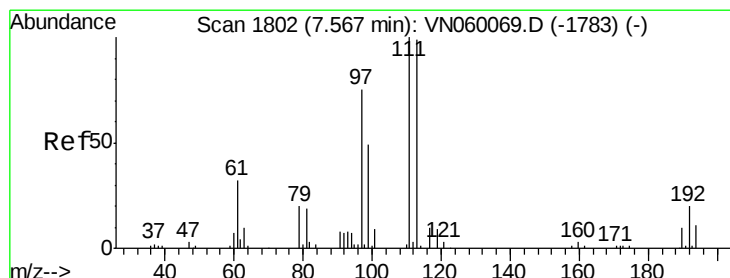
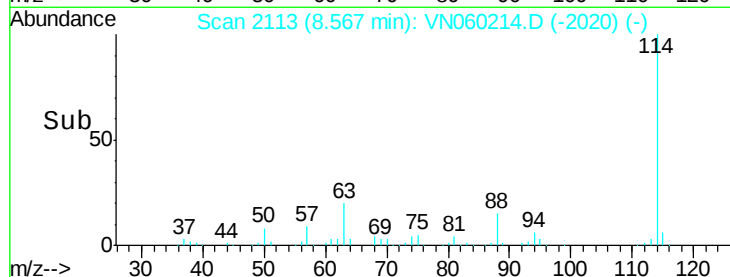
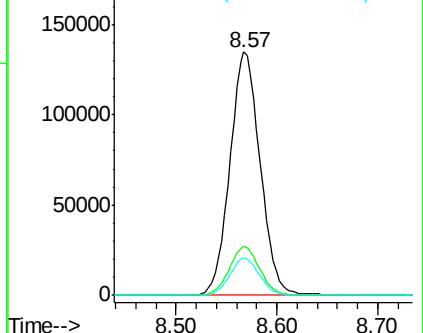
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060214.D
 Acq: 24 Feb 2020 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Tot Ion:114 Resp: 281506
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.6

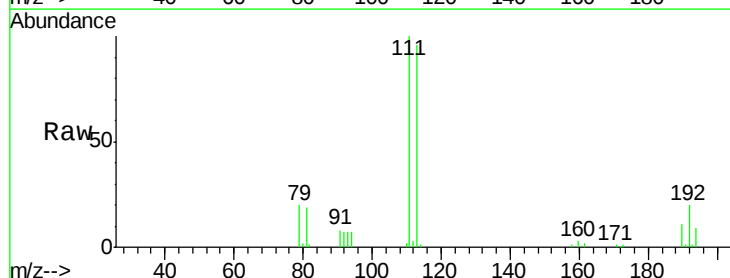


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

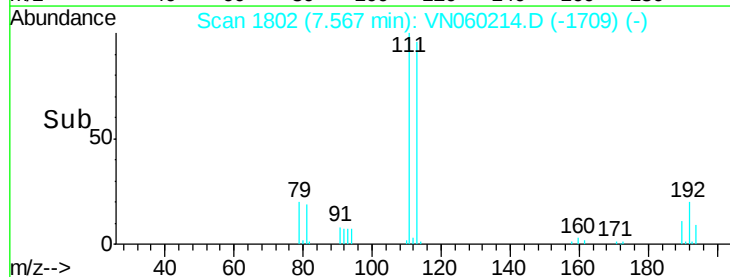
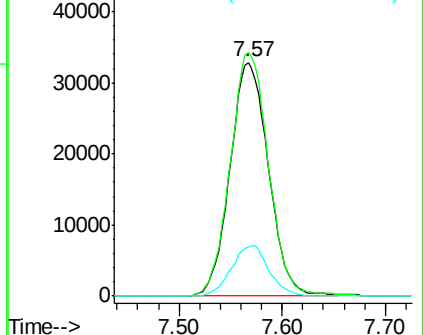


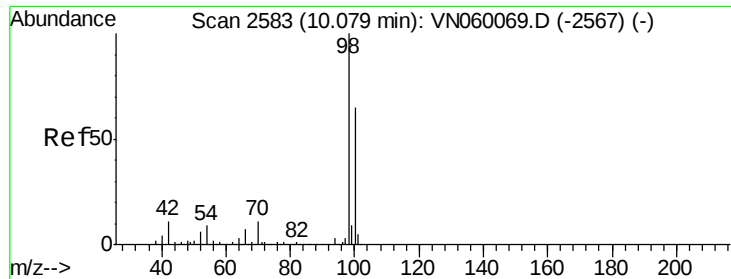
#35
 Dibromofluoromethane
 Concen: 49.267 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060214.D
 Acq: 24 Feb 2020 17:07

Tgt Ion:113 Resp: 85252
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.2
 192 21.0 16.2 24.2



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

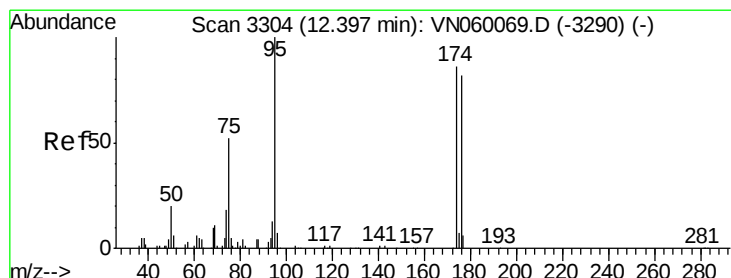
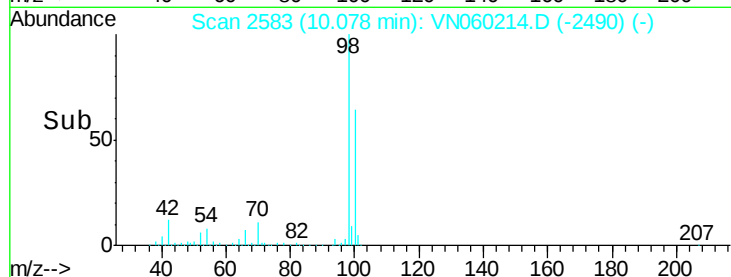
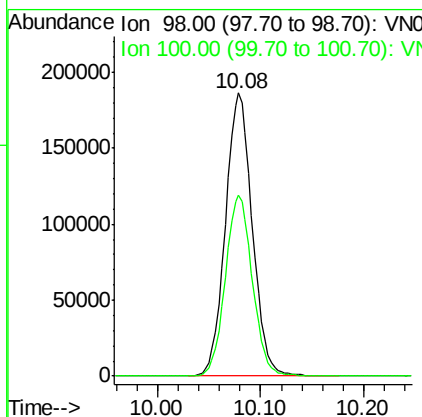
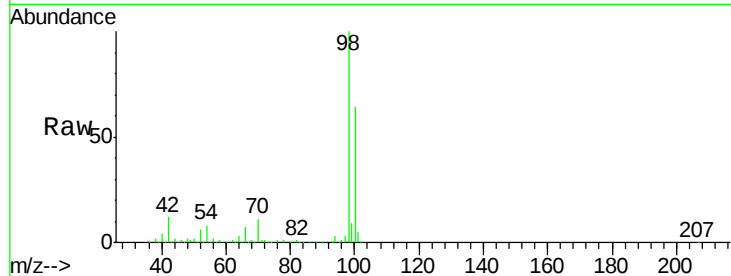




#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

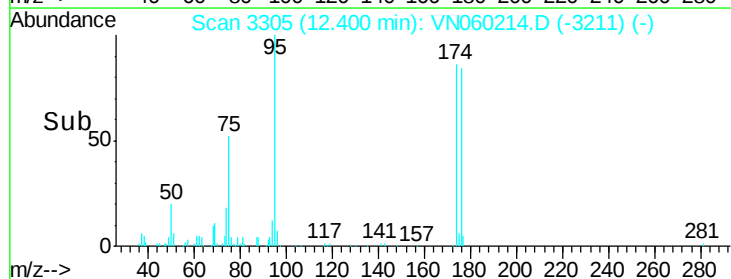
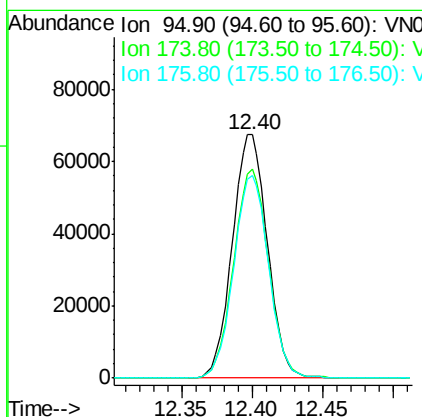
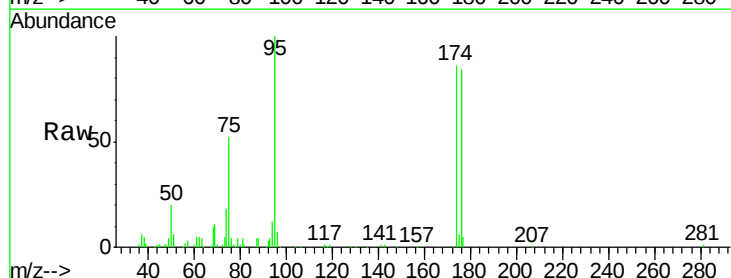
Instrument :
MSVOA_N
ClientSampled :
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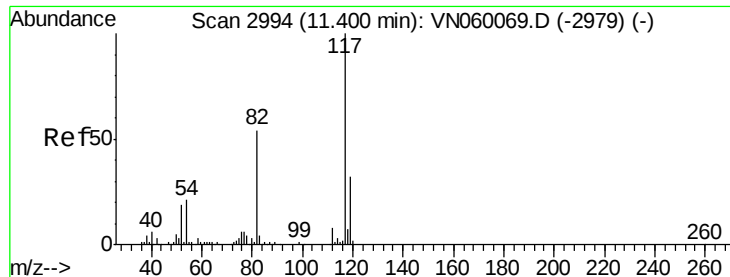
Tot Ion: 98 Resp: 337786
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.913 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Tgt Ion: 95 Resp: 117467
Ion Ratio Lower Upper
95 100
174 85.4 0.0 169.8
176 83.1 0.0 164.8

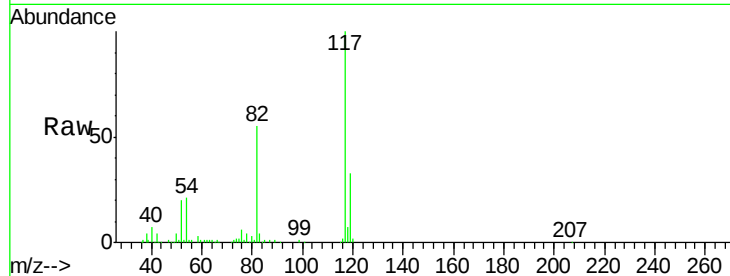




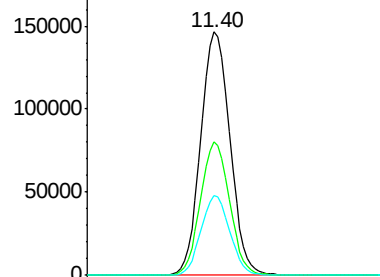
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

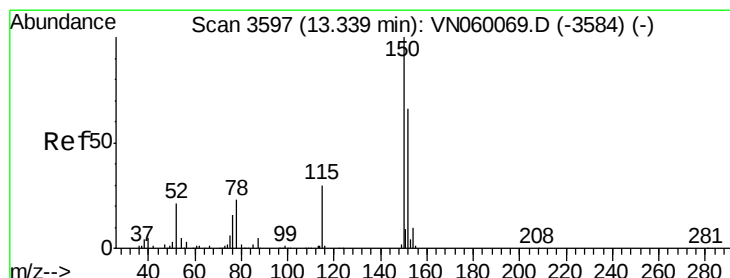
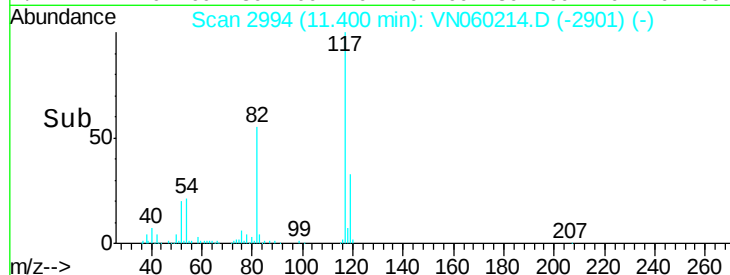
Tot Ion:117 Resp: 256047
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.5 25.8 38.6



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

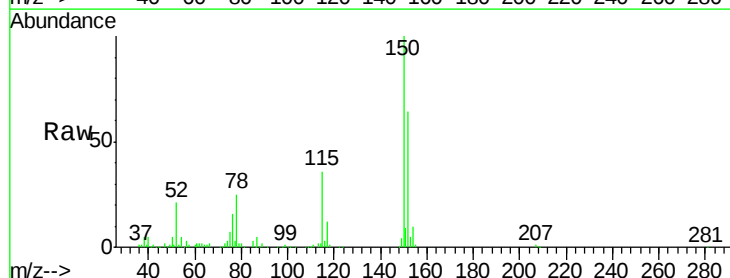


Time--> 11.30 11.40 11.50

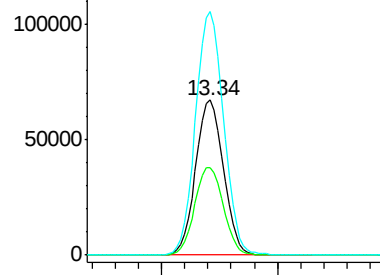


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060214.D
Acq: 24 Feb 2020 17:07

Tgt Ion:152 Resp: 111896
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.8
150 158.1 0.0 342.4



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



Time--> 13.30 13.40

